

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037346.D
 Acq On : 15 Oct 2018 23:14
 Operator : JU/SJ
 Sample : PB113837BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

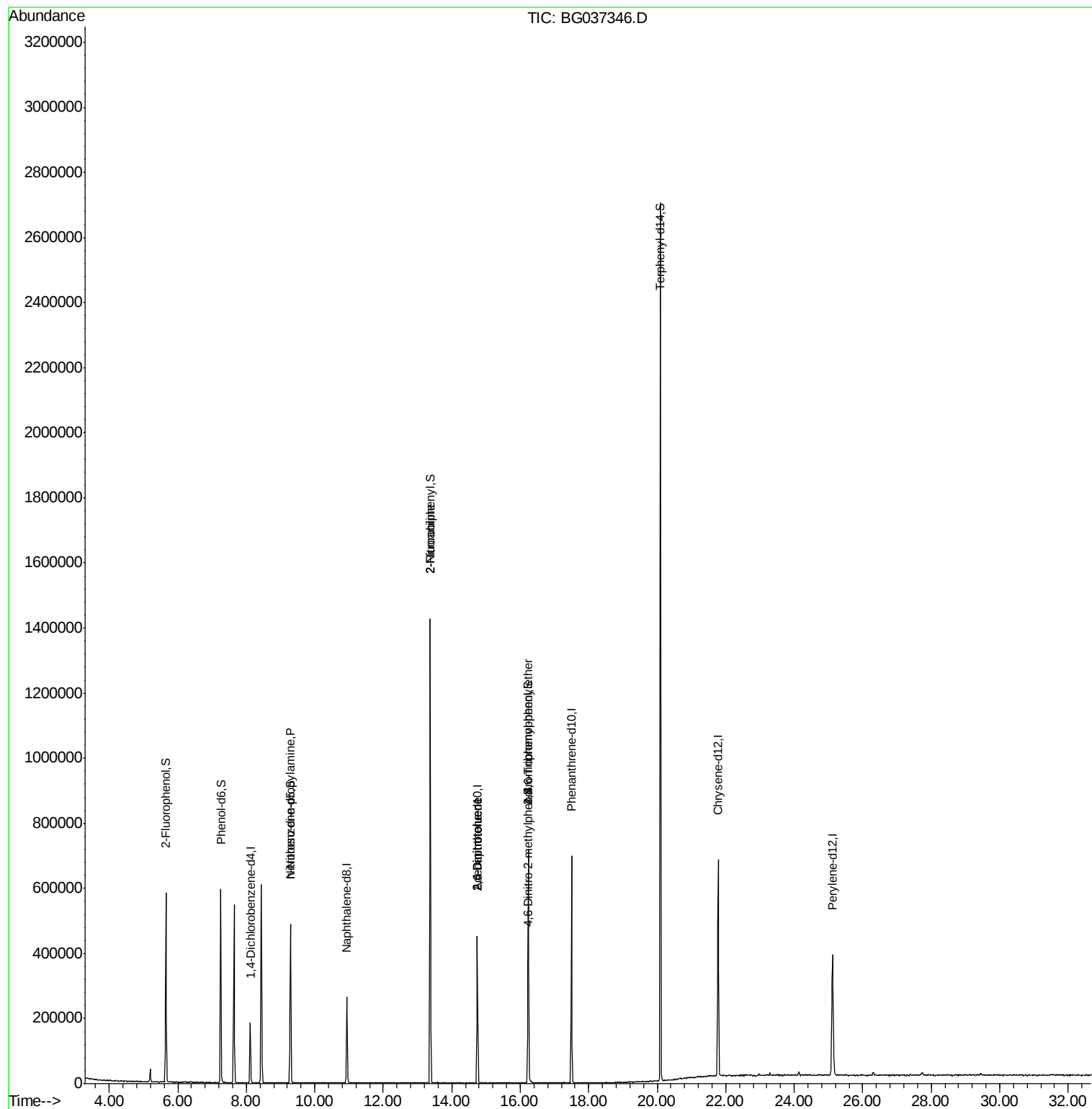
Quant Time: Oct 16 04:19:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

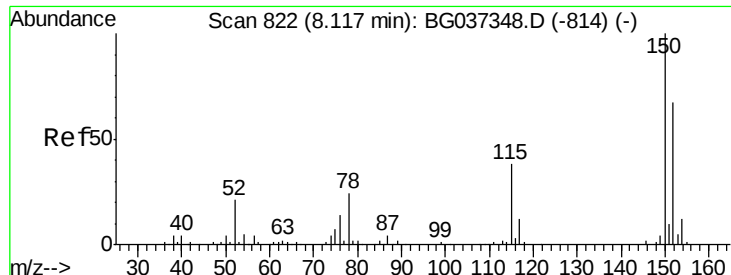
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55070	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	239212	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	165387	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	435930	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	413539	20.00	ng	-0.02
87) Perylene-d12	25.12	264	408205	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	267783	85.58	ng	0.00
7) Phenol-d6	7.25	99	376861	79.35	ng	0.00
23) Nitrobenzene-d5	9.29	82	302611	83.17	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	133081	82.05	ng	-0.01
45) 2-Fluorobiphenyl	13.38	172	806846	73.26	ng	0.00
79) Terphenyl-d14	20.09	244	1280159	65.00	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	37156	10.333	ng	# 70
48) 2-Nitroaniline	13.37	65	1108	6.105	ng	# 1
51) 2,6-Dinitrotoluene	14.74	165	22311	12.762	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	22311	11.539	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	537	6.290	ng	# 54
67) 4-Bromophenyl-phenylether	16.23	248	9998	2.125	ng	# 1

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

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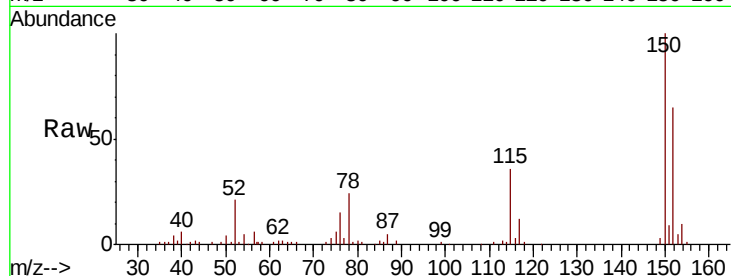




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.0	189.0
115	55.3	45.5	68.3

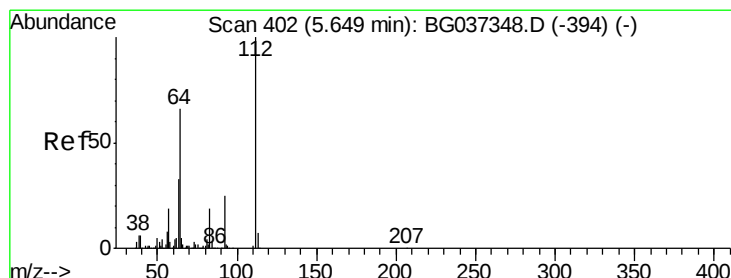
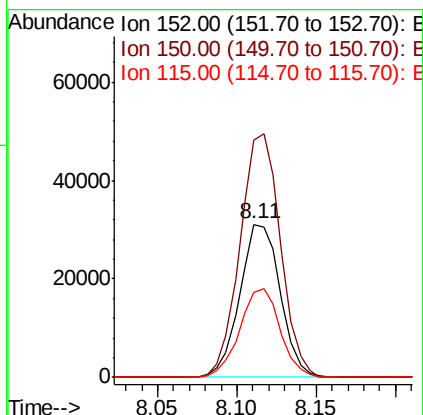
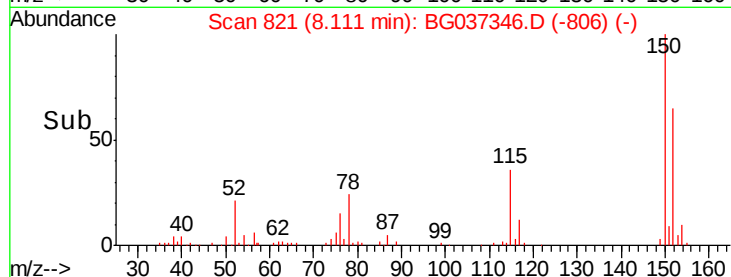


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

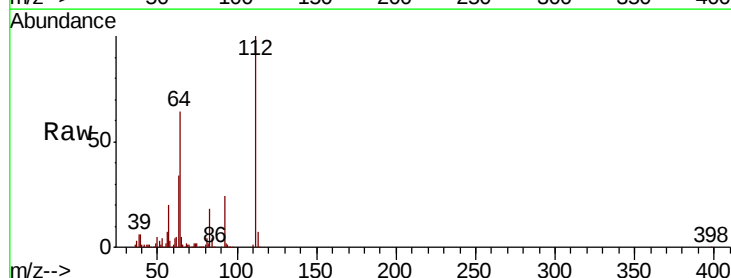
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.577 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.1	79.7
63	34.3	27.3	40.9

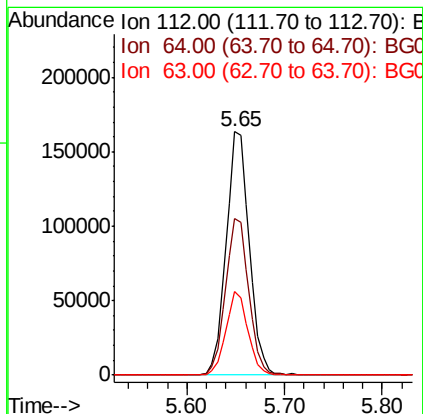
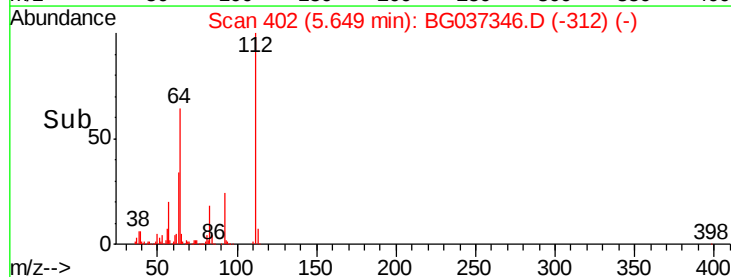


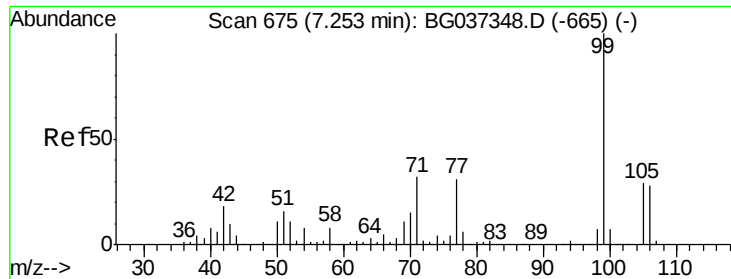
Abundance

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: 79.347 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037346.D

Acq: 15 Oct 2018 23:14

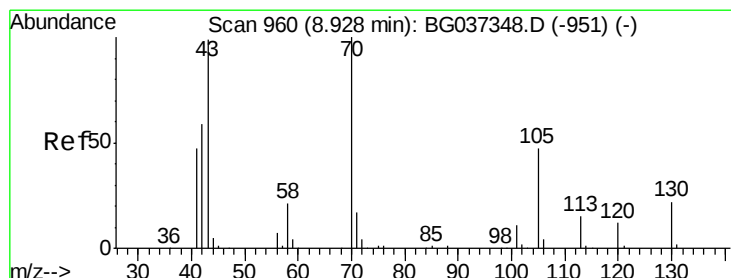
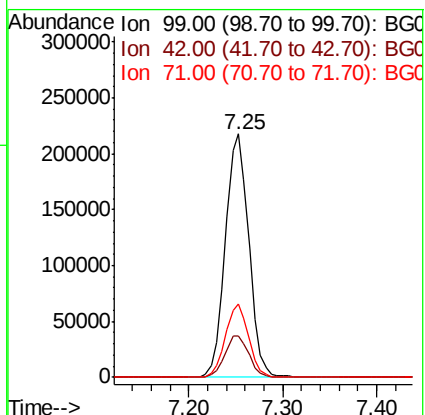
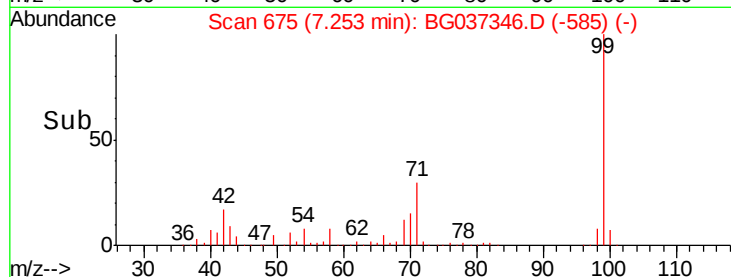
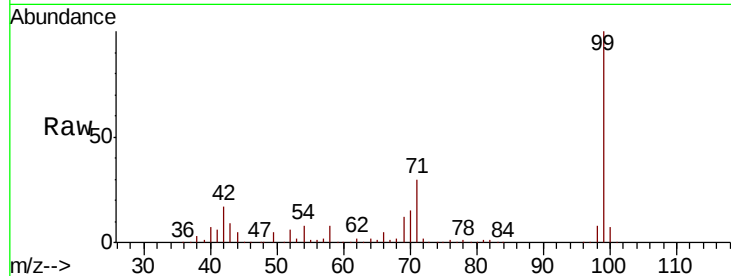
Tot Ion: 99 Resp: 376861

Ion Ratio Lower Upper

99 100

42 16.9 15.0 22.4

71 30.0 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 10.333 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037346.D

Acq: 15 Oct 2018 23:14

Tgt Ion: 70 Resp: 37156

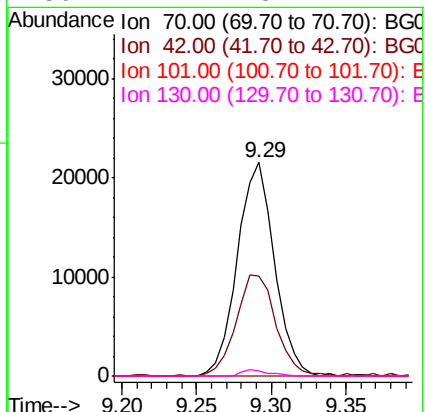
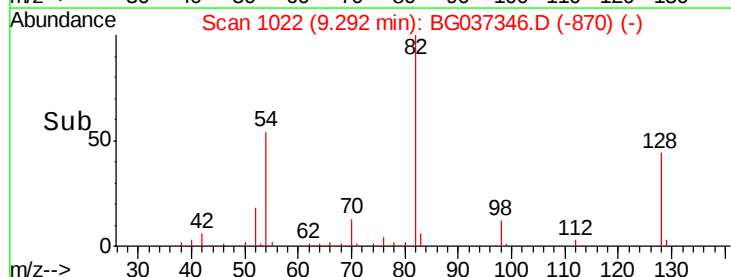
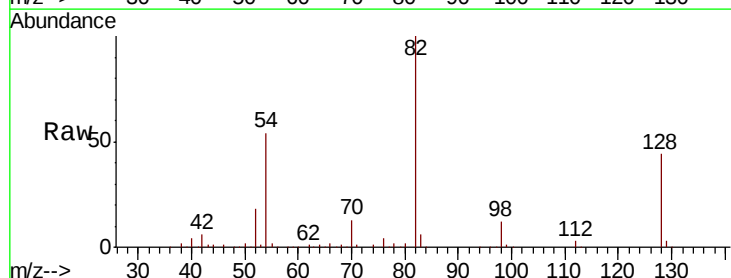
Ion Ratio Lower Upper

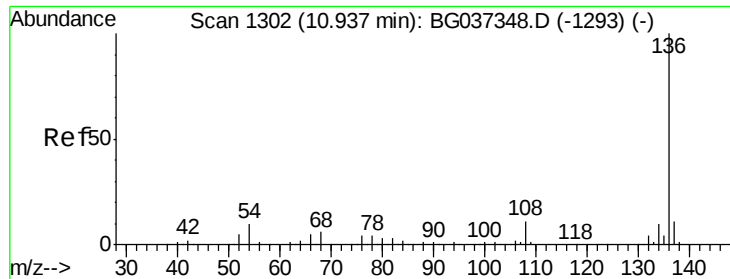
70 100

42 46.9 53.9 80.9#

101 0.0 8.2 12.2#

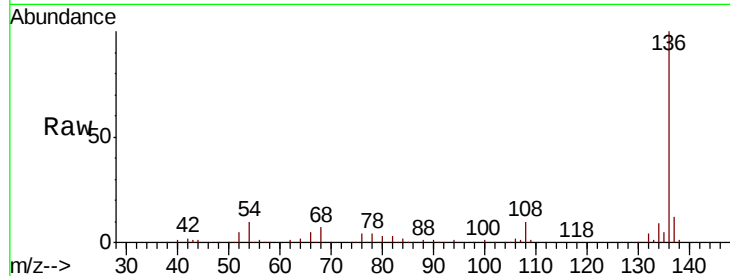
130 2.4 18.2 27.4#



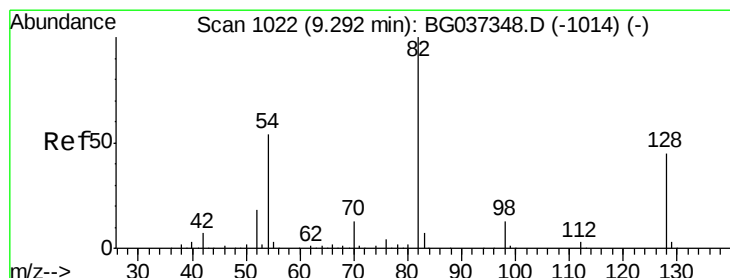
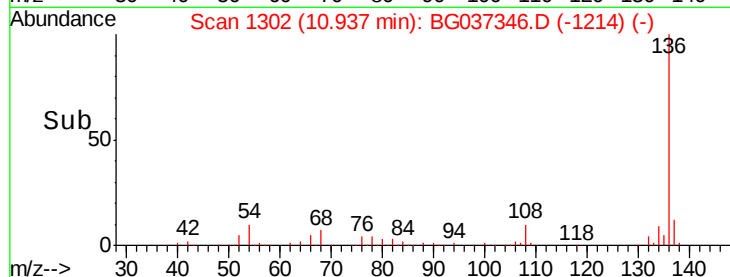
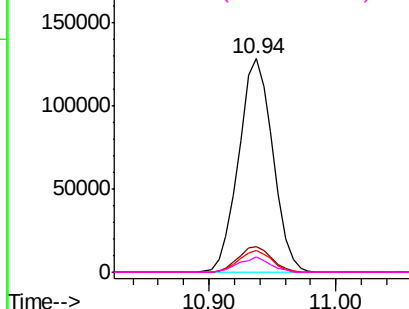


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tot Ion:136	Resp: 239212
Ion Ratio	Lower Upper
136 100	
137 12.2	9.6 14.4
54 10.3	7.9 11.9
68 7.2	4.8 7.2#

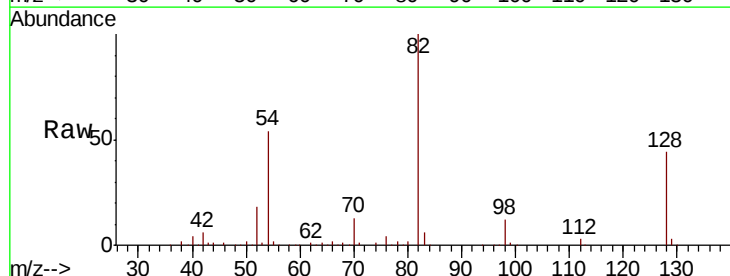


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

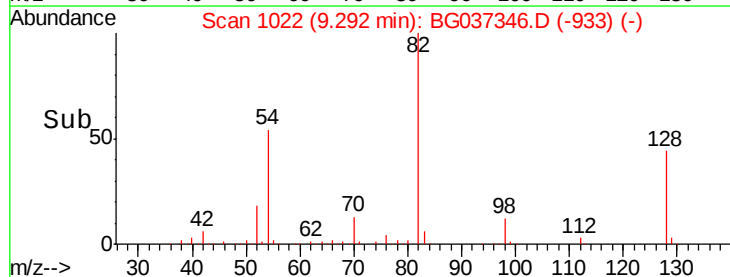
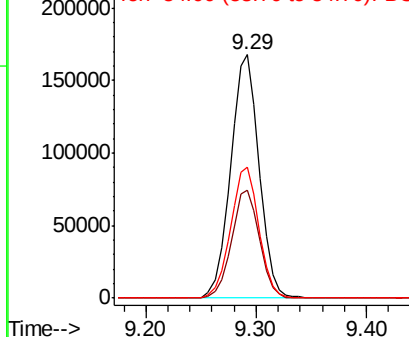


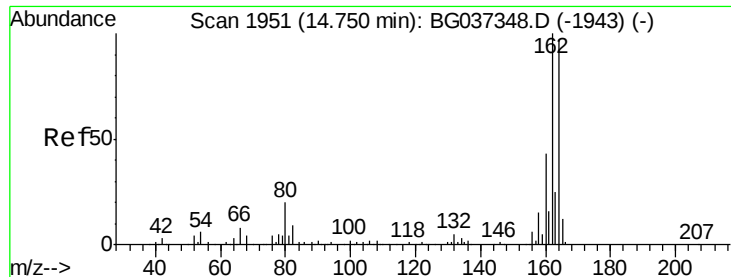
#23
Nitrobenzene-d5
Concen: 83.169 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tgt	Ion: 82	Resp:	302611
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.6	51.8
54	53.6	45.3	67.9



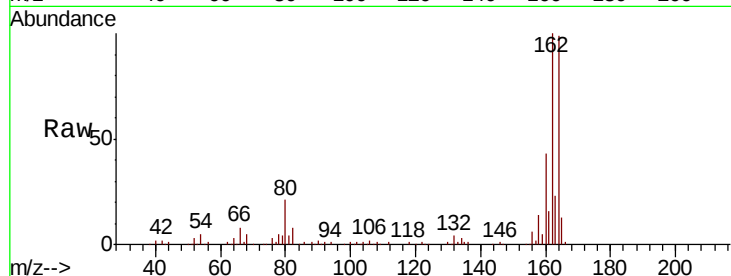
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC



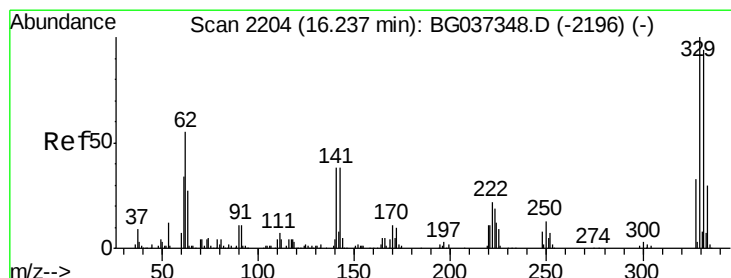
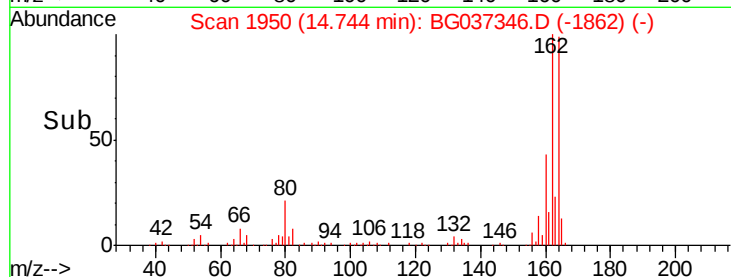
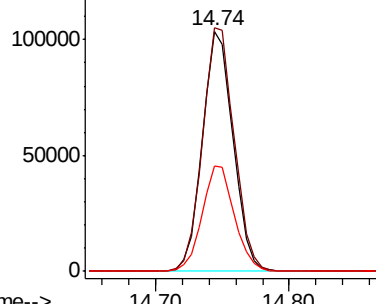


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.3	121.9
160	43.7	36.3	54.5

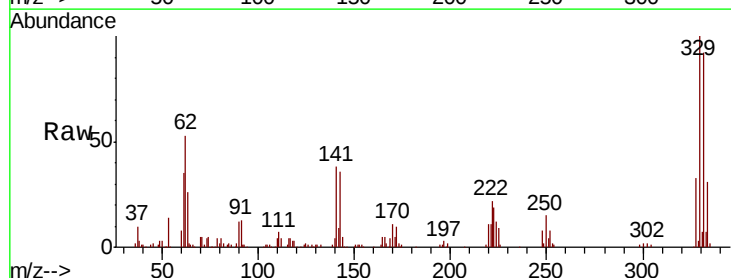


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

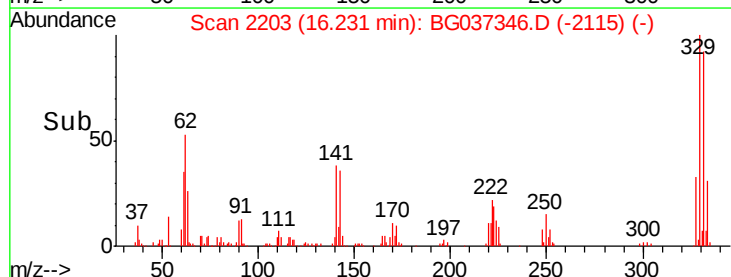
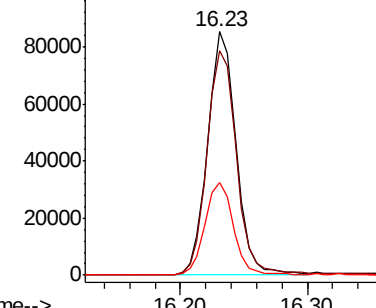


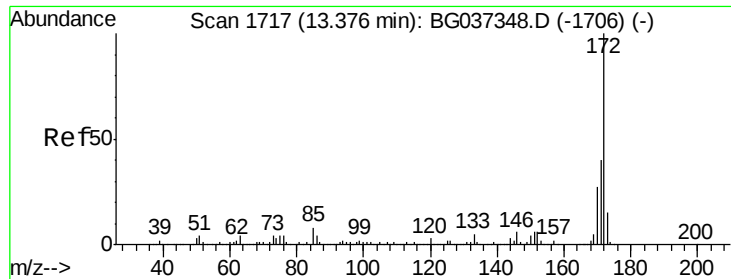
#42
2,4,6-Tribromophenol
Concen: 82.048 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037346.D
Acq: 15 Oct 2018 23:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.4	117.6
141	38.3	32.2	48.2



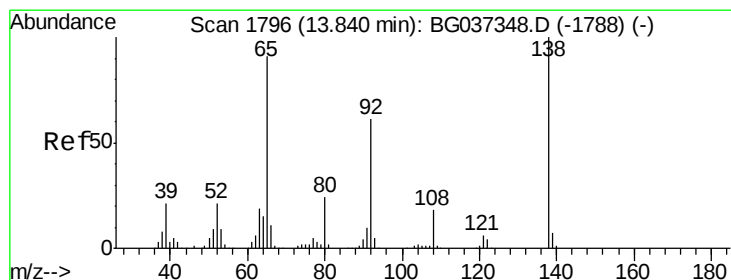
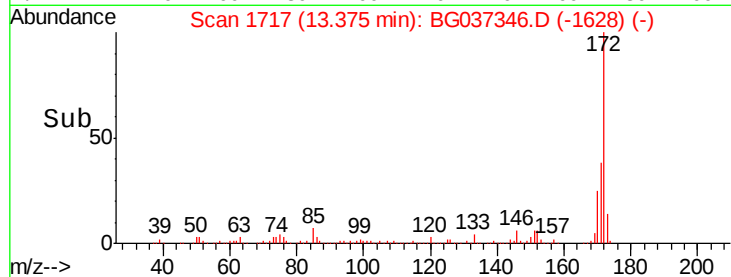
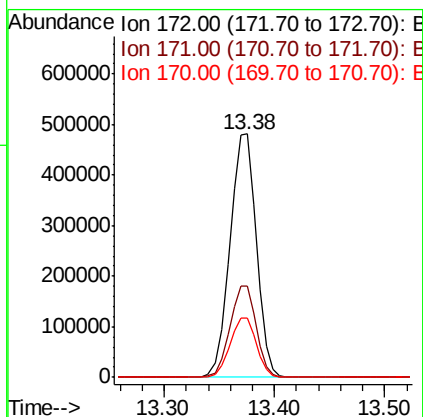
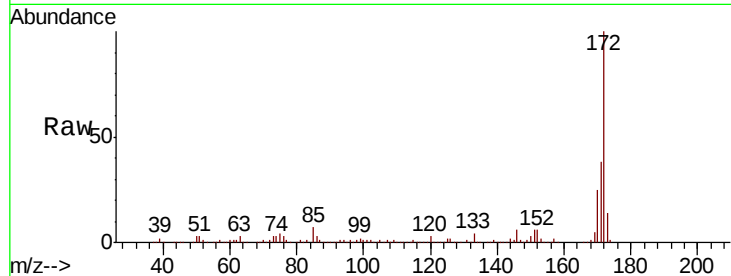
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





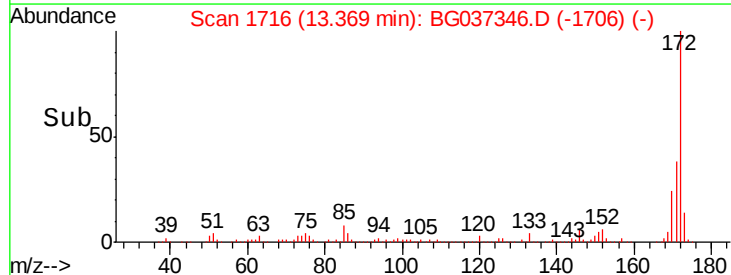
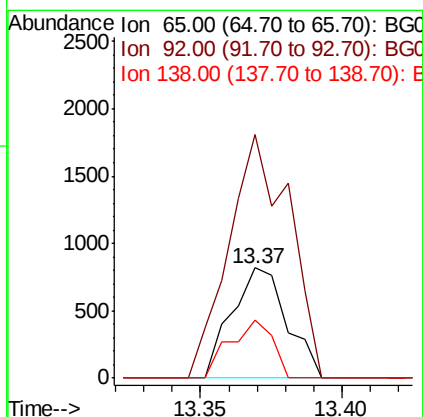
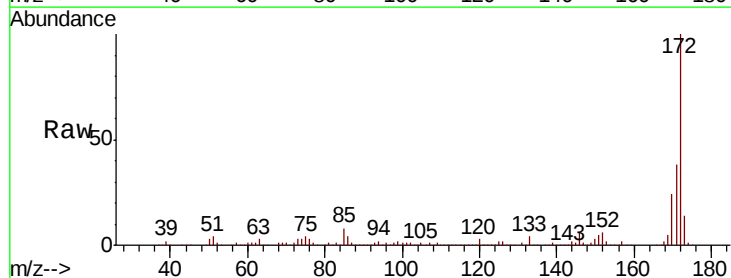
#45
 2-Fluorobiphenyl
 Concen: 73.264 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

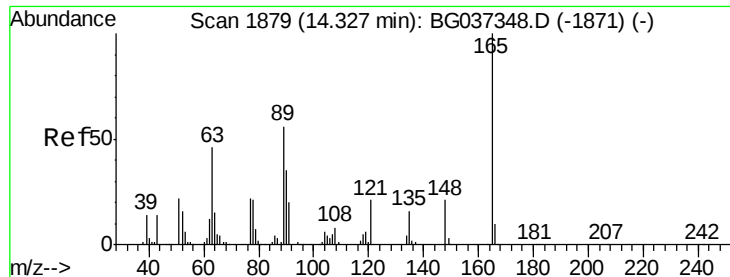
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.5	20.2	30.2



#48
 2-Nitroaniline
 Concen: 6.105 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.47 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

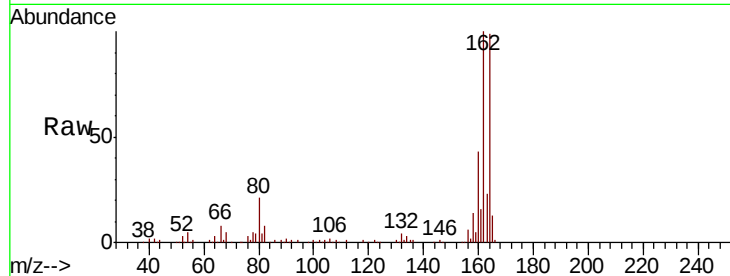
Tgt Ion	Ratio	Lower	Upper
65	100		
92	220.5	53.2	79.8#
138	52.7	79.3	118.9#



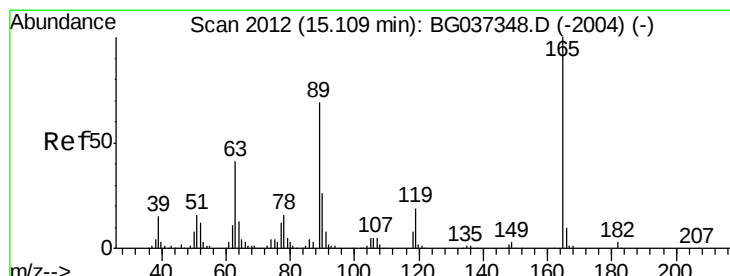
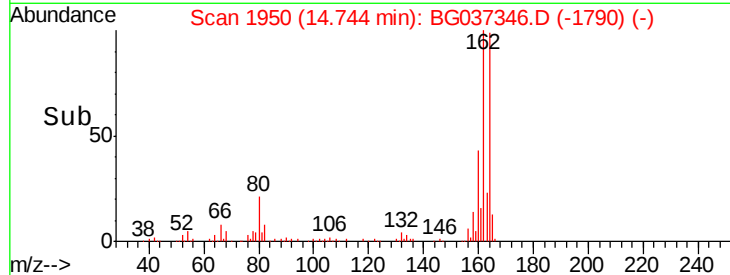
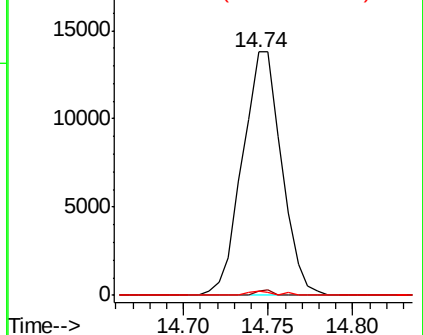


#51
 2,6-Dinitrotoluene
 Concen: 12.762 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.2#
89	1.8	45.8	68.6#



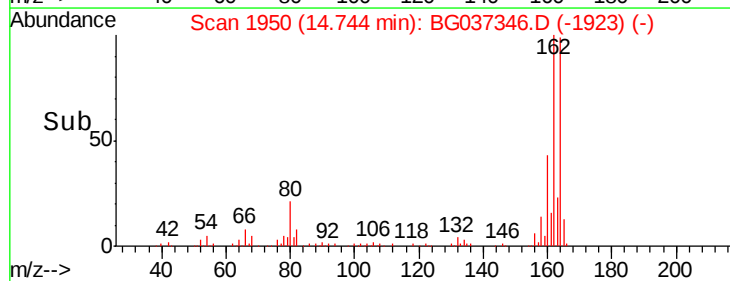
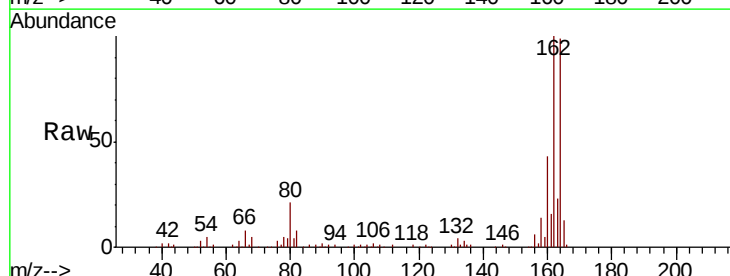
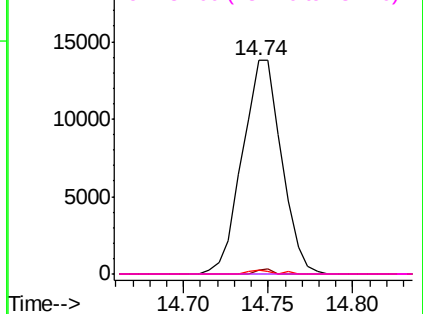
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

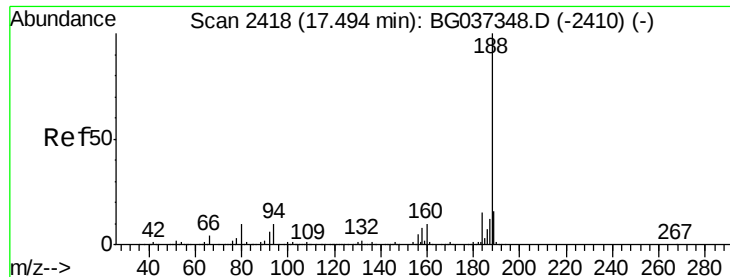


#57
 2,4-Dinitrotoluene
 Concen: 11.539 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#

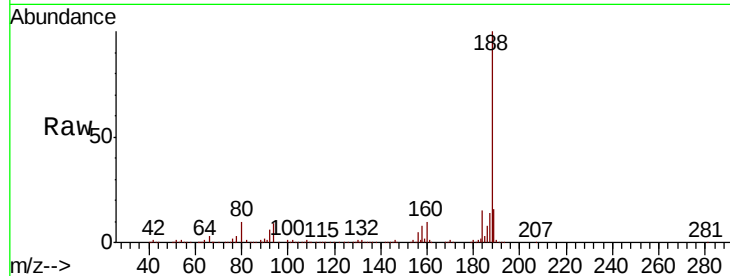
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



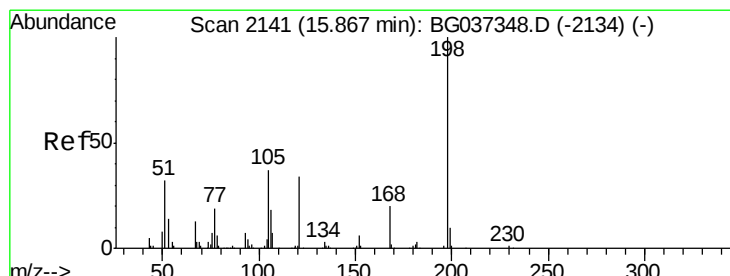
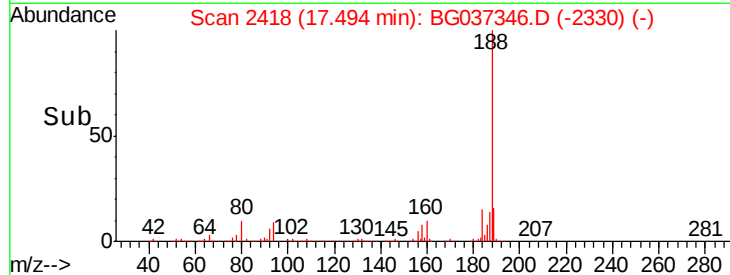
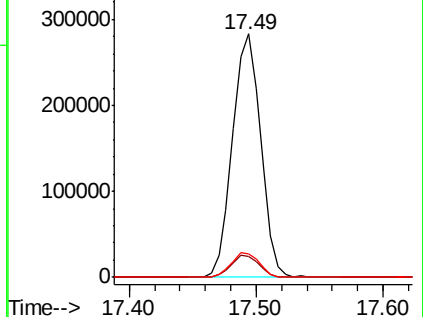


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.7	7.7	11.5

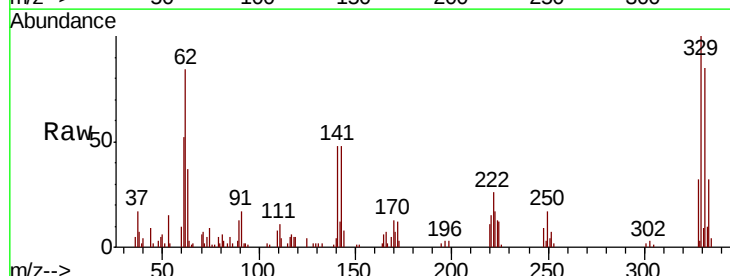


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG0
 Ion 80.00 (79.70 to 80.70): BG0

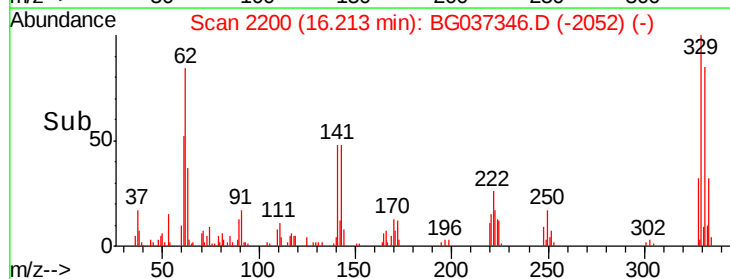
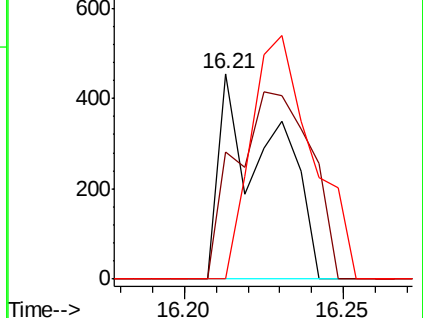


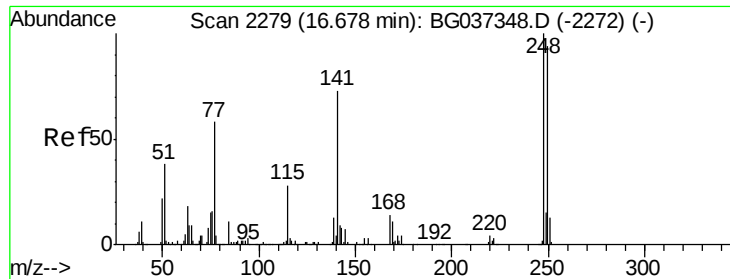
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.290 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.34 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

Tgt Ion	Ratio	Lower	Upper
198	100		
51	61.6	22.7	62.7
105	0.0	19.7	59.7#



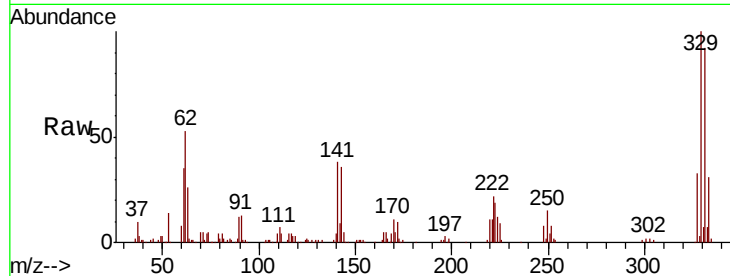
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E





#67
 4-Bromophenyl-phenylether
 Concen: 2.125 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037346.D
 Acq: 15 Oct 2018 23:14

Tot Ion	Ratio	Lower	Upper
248	100		
250	183.5	77.0	115.6#
141	374.8	55.5	83.3#

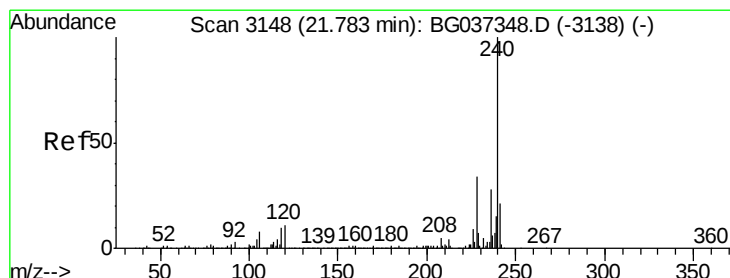
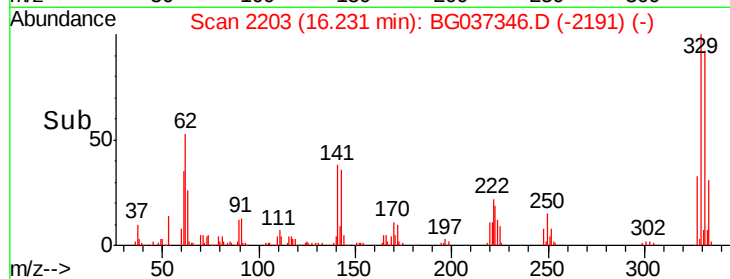
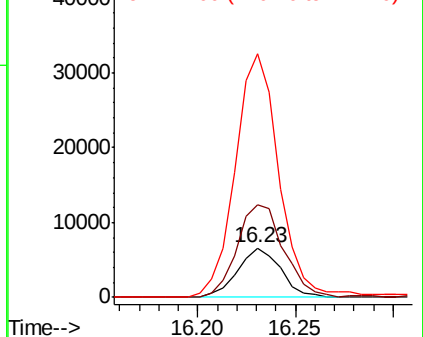


Abundance

Ion 248.00 (247.70 to 248.70): E

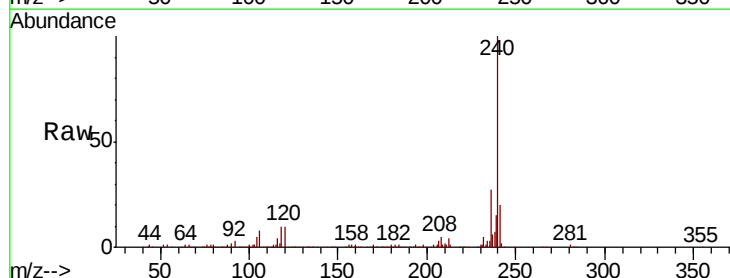
Ion 250.00 (249.70 to 250.70): E

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: BG037346.D
 Acq: 15 Oct 2018 23:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.7	21.4	32.0

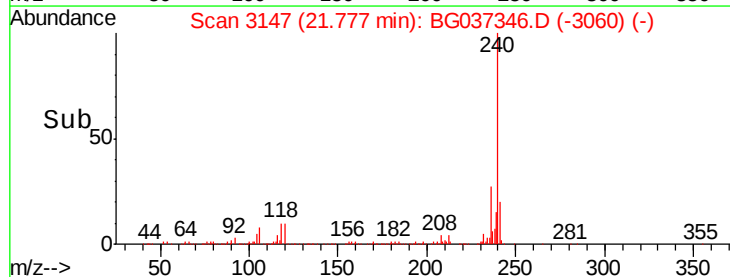
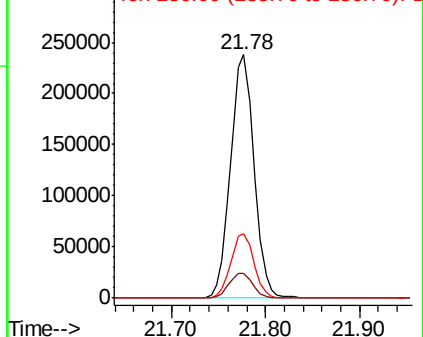


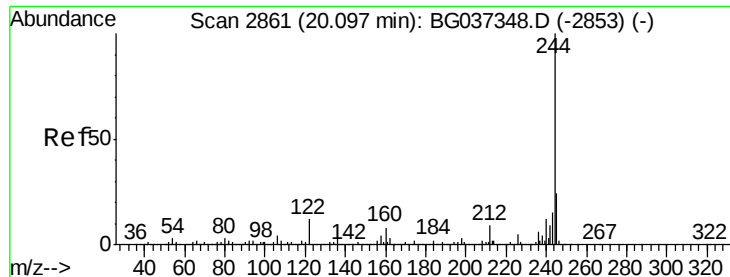
Abundance

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: 65.000 ng

RT: 20.09 min Scan# 2860

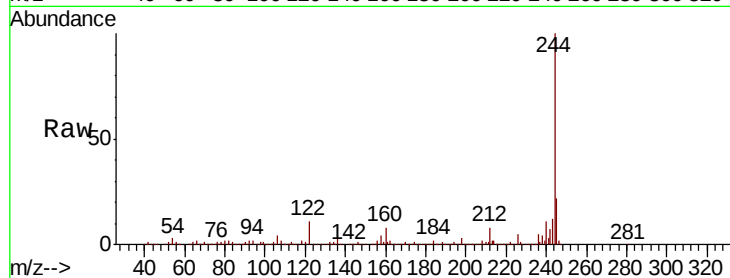
Delta R.T. -0.01 min

Lab File: BG037346.D

Acq: 15 Oct 2018 23:14

Tot Ion:244 Resp: 1280159

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	11.3	9.0	13.4

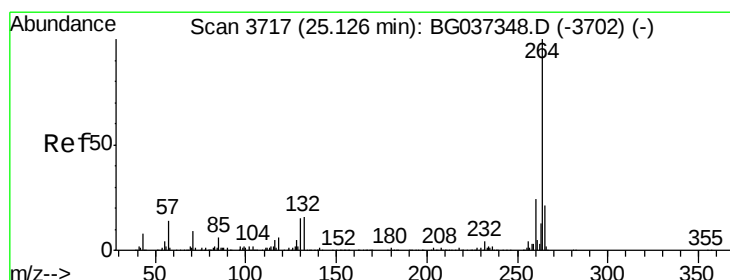
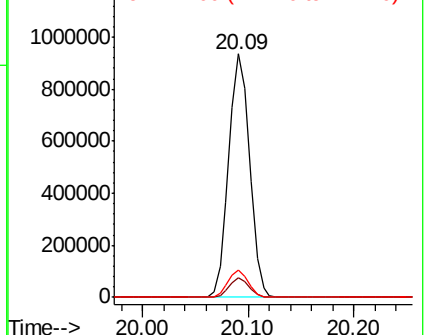
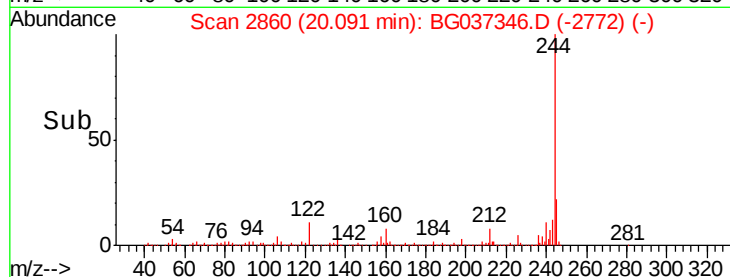


Abundance

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

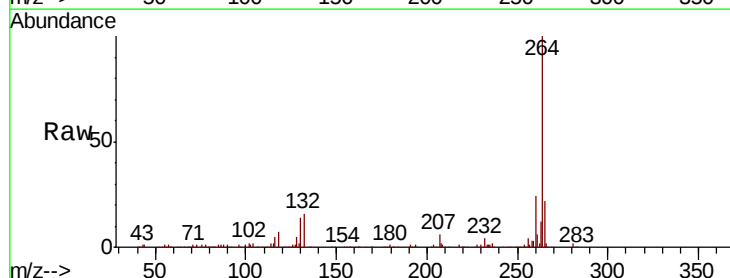
Delta R.T. -0.02 min

Lab File: BG037346.D

Acq: 15 Oct 2018 23:14

Tgt Ion:264 Resp: 408205

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.9	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

