

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037352.D
 Acq On : 16 Oct 2018 4:21
 Operator : JU/SJ
 Sample : J5511-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

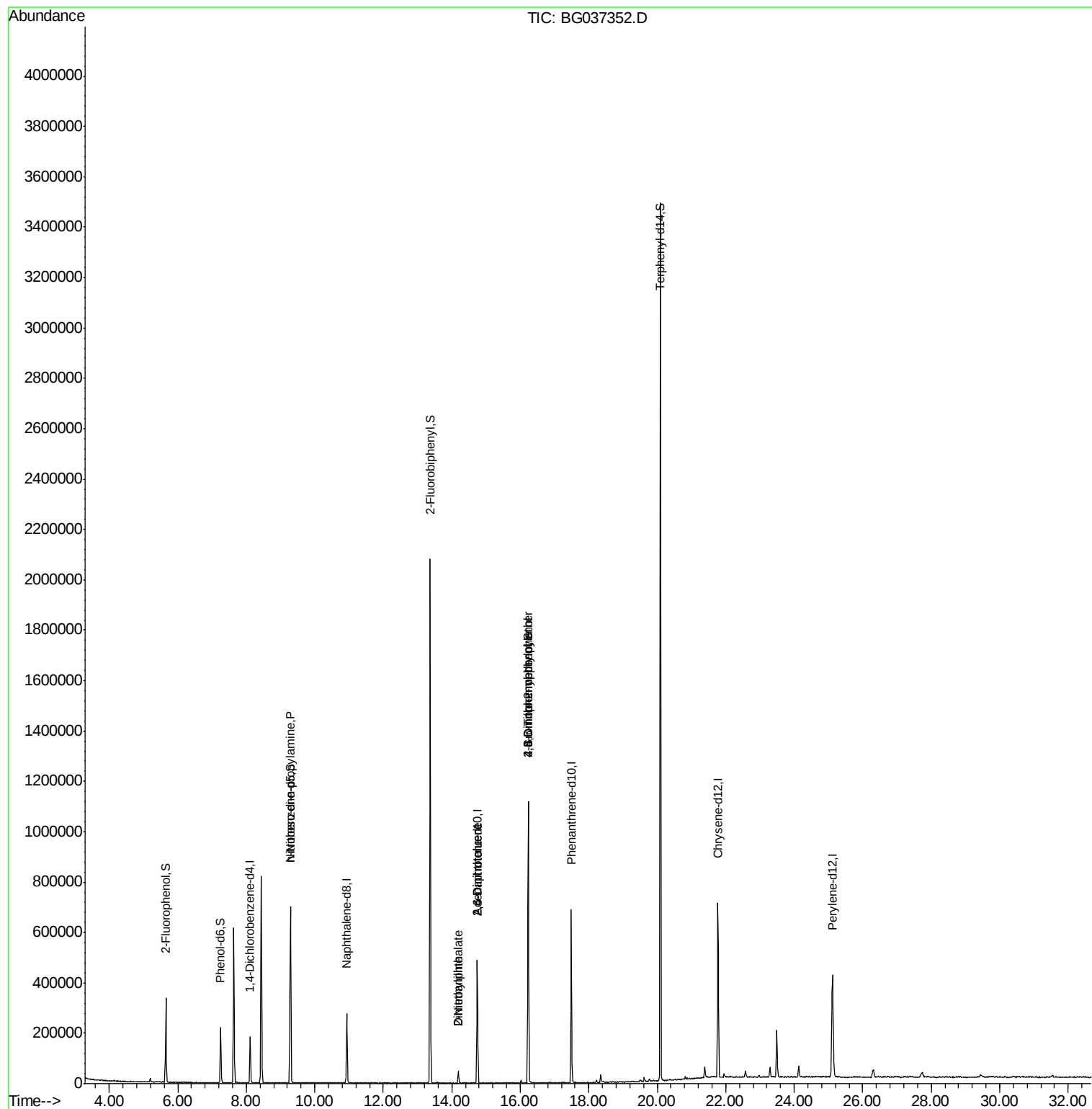
Quant Time: Oct 16 07:12:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

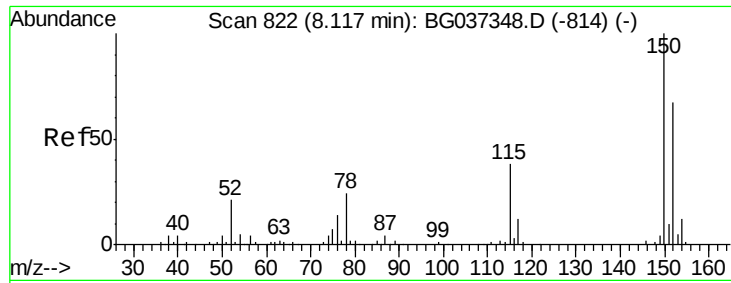
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	56543	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	249848	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	169916	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	437602	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	412891	20.00	ng	-0.02
87) Perylene-d12	25.12	264	413417	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	157119	48.90	ng	0.00
7) Phenol-d6	7.25	99	137715	28.24	ng	0.00
23) Nitrobenzene-d5	9.29	82	435274	114.54	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	199645	119.81	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1104509	97.62	ng	-0.01
79) Terphenyl-d14	20.09	244	1692039	86.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	55464	15.022	ng	# 72
48) 2-Nitroaniline	14.19	65	180	5.810	ng	# 1
50) Dimethylphthalate	14.19	163	34460	2.581	ng	99
51) 2,6-Dinitrotoluene	14.75	165	21860	12.394	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	21860	11.251	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	489	6.258	ng	# 71
67) 4-Bromophenyl-phenylether	16.23	248	14502	3.071	ng	# 1

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

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ALS Vial : 22 Sample Multiplier: 1

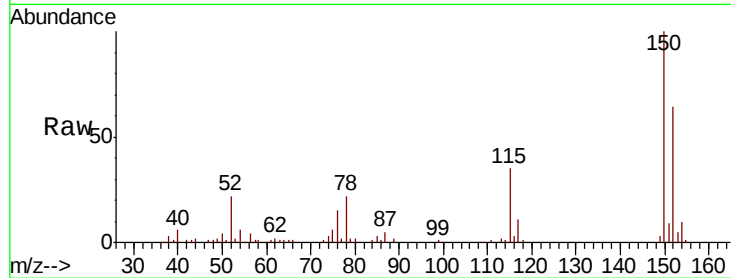
Quant Time: Oct 16 07:12:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 02:21:11 2018
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG037352.D
 Acq: 16 Oct 2018 4:21

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.0	189.0
115	54.1	45.5	68.3

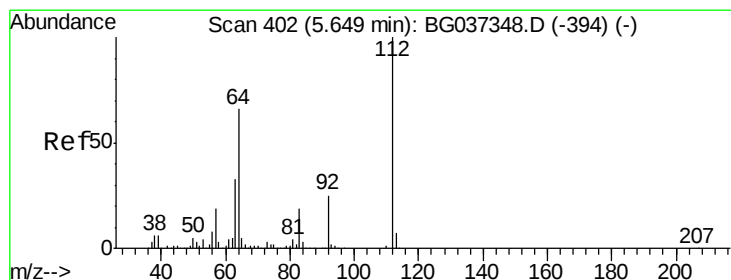
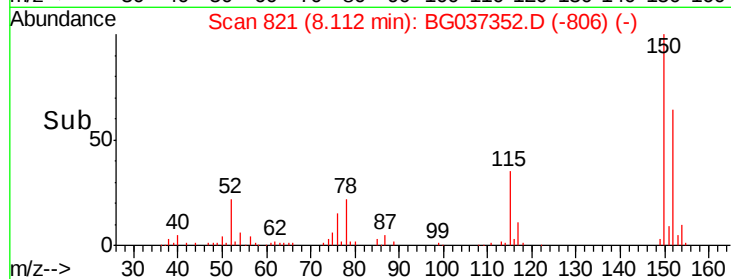
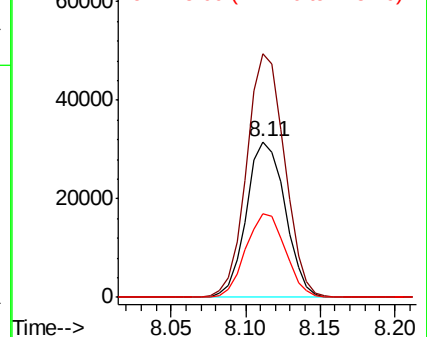


Abundance

Ion 152.00 (151.70 to 152.70): E

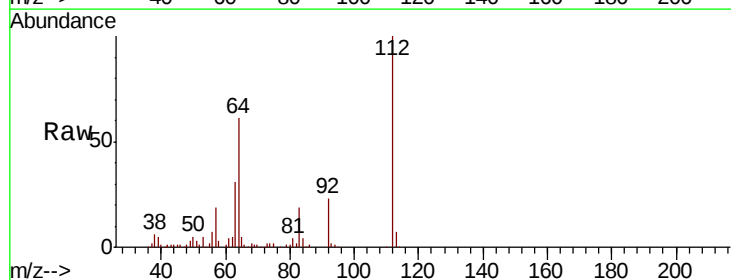
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 48.903 ng
 RT: 5.65 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BG037352.D
 Acq: 16 Oct 2018 4:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	53.1	79.7
63	30.5	27.3	40.9

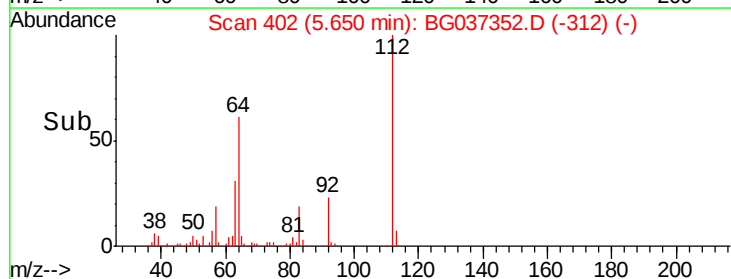
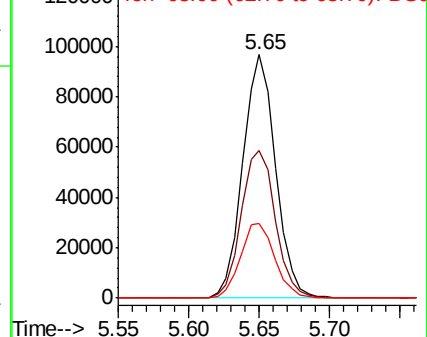


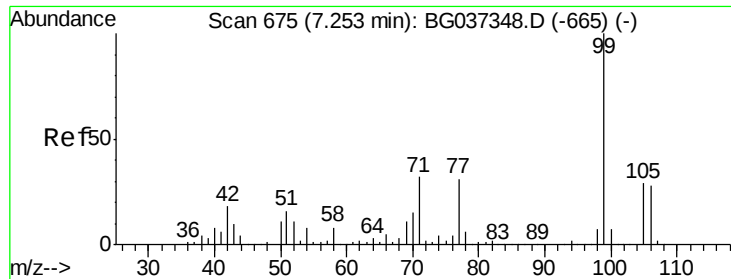
Abundance

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: 28.240 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037352.D

Acq: 16 Oct 2018 4:21

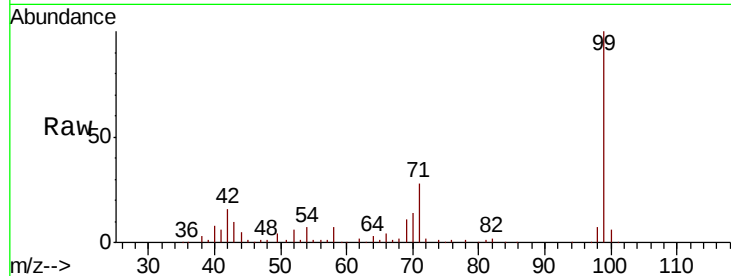
Tot Ion: 99 Resp: 137715

Ion Ratio Lower Upper

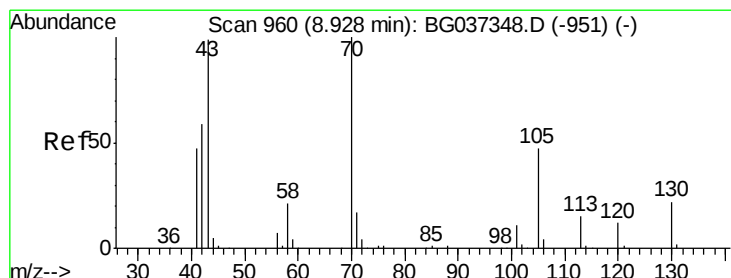
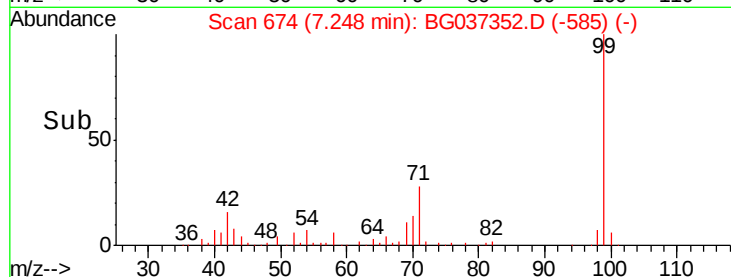
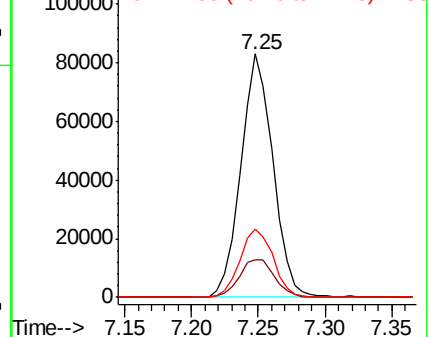
99 100

42 15.7 15.0 22.4

71 28.3 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: 15.022 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037352.D

Acq: 16 Oct 2018 4:21

Tgt Ion: 70 Resp: 55464

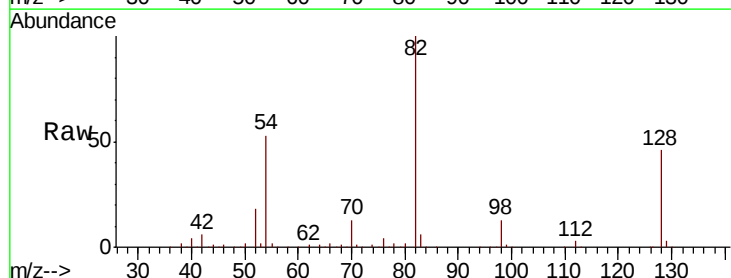
Ion Ratio Lower Upper

70 100

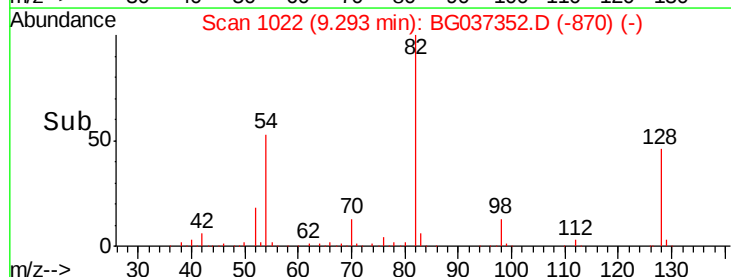
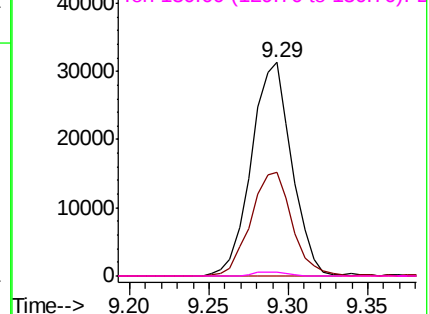
42 48.7 53.9 80.9#

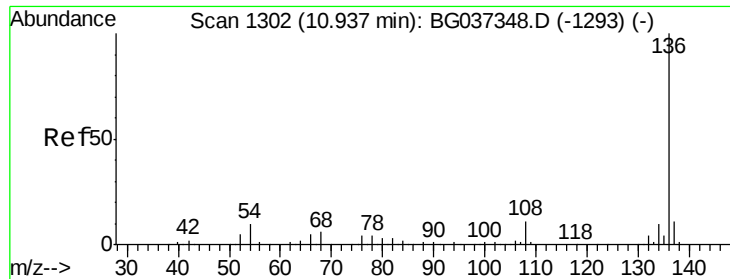
101 0.0 8.2 12.2#

130 1.6 18.2 27.4#



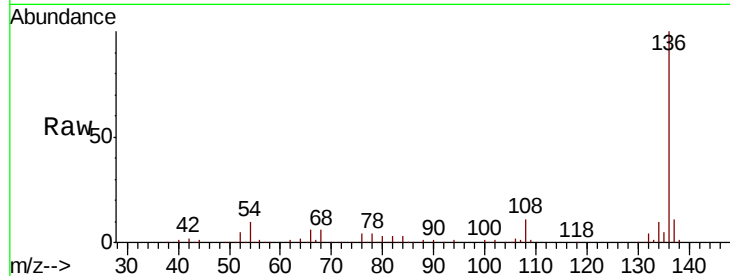
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



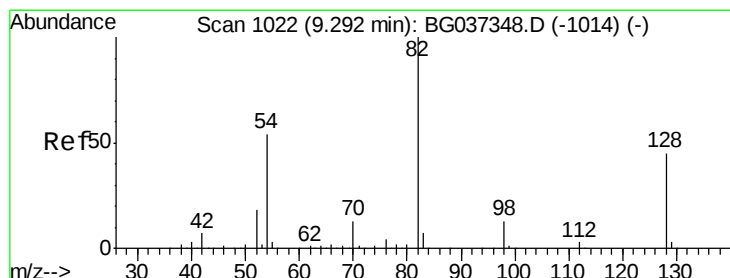
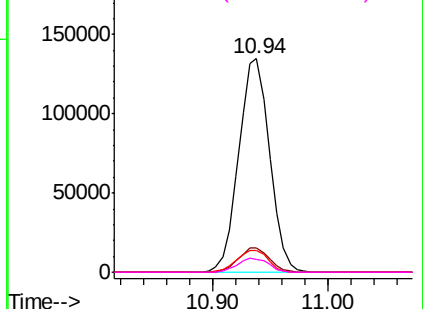
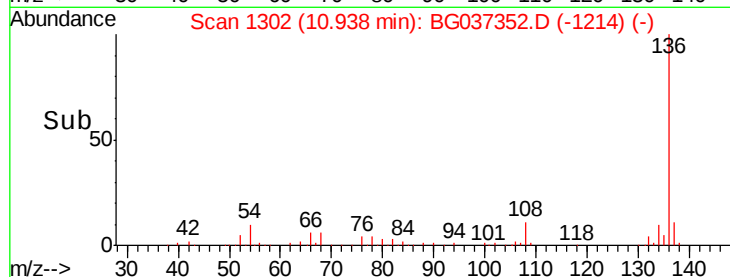


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037352.D
Acq: 16 Oct 2018 4:21

Tot Ion:136	Resp:	249848
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.6 14.4
54	10.2	7.9 11.9
68	5.9	4.8 7.2

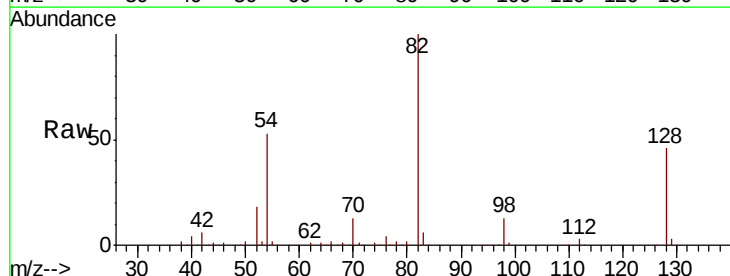


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

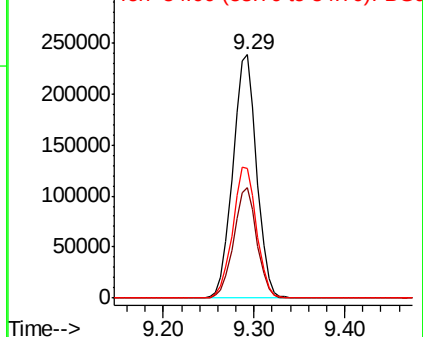
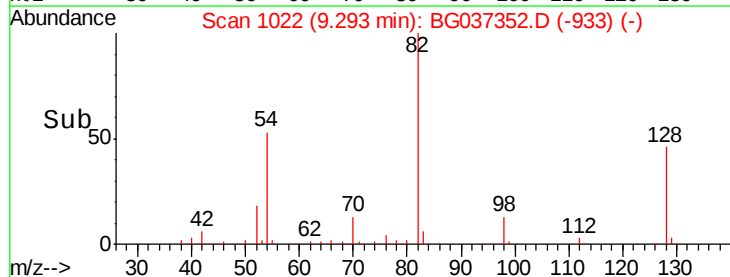


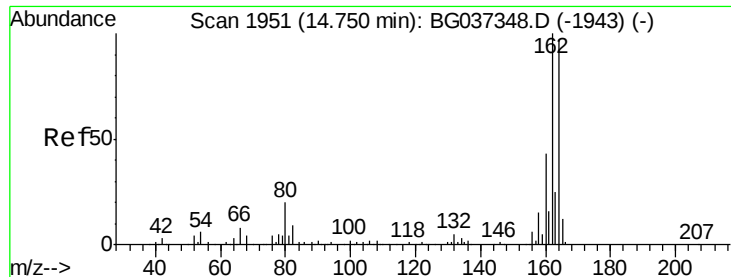
#23
Nitrobenzene-d5
Concen: 114.538 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037352.D
Acq: 16 Oct 2018 4:21

Tgt Ion: 82	Resp:	435274
Ion Ratio	Lower	Upper
82	100	
128	45.6	34.6 51.8
54	53.4	45.3 67.9



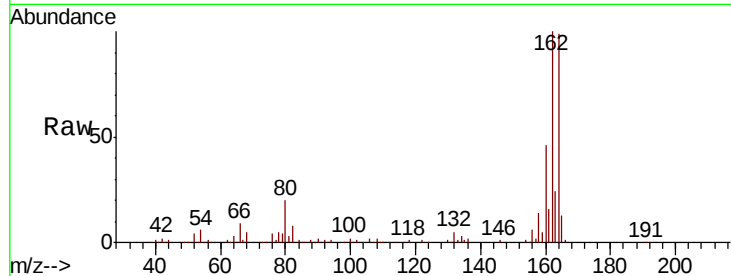
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037352.D
Acq: 16 Oct 2018 4:21

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.3	121.9
160	46.0	36.3	54.5

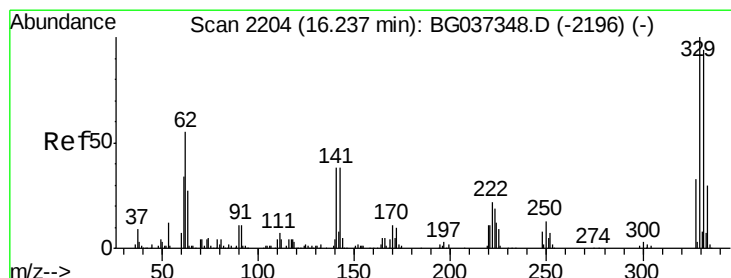
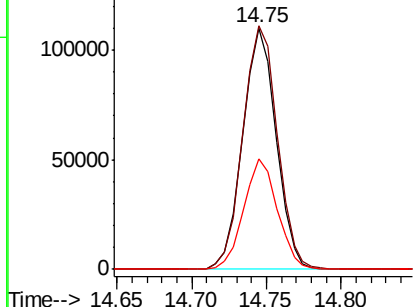
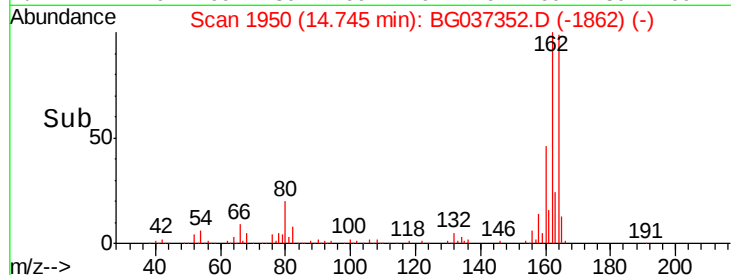


Abundance

Ion 164.00 (163.70 to 164.70): E

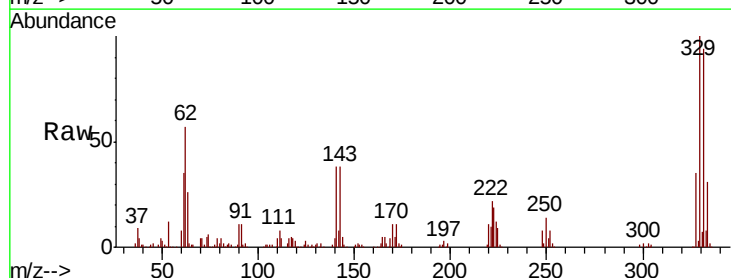
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 119.806 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037352.D
Acq: 16 Oct 2018 4:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.4	117.6
141	38.6	32.2	48.2

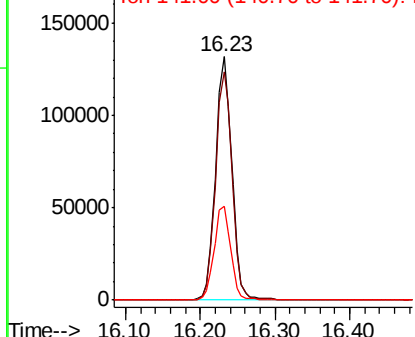
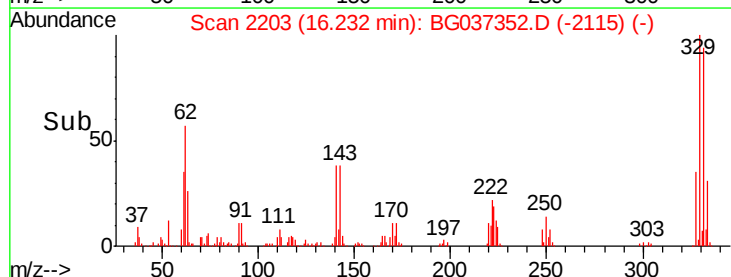


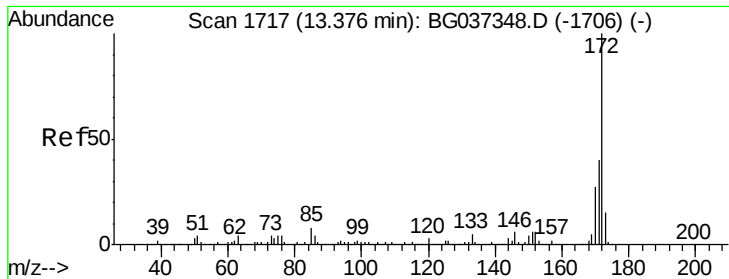
Abundance

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

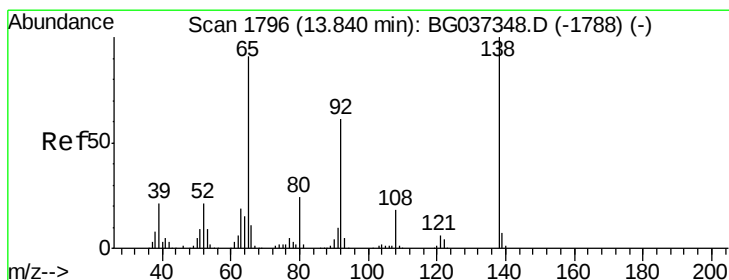
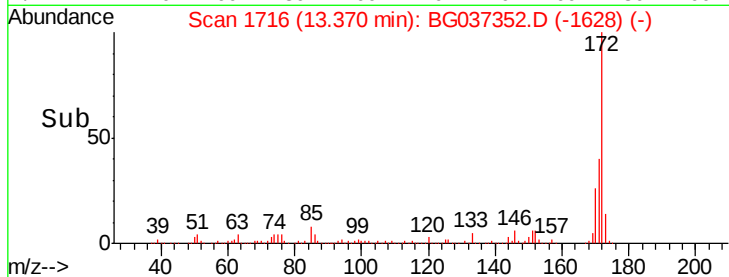
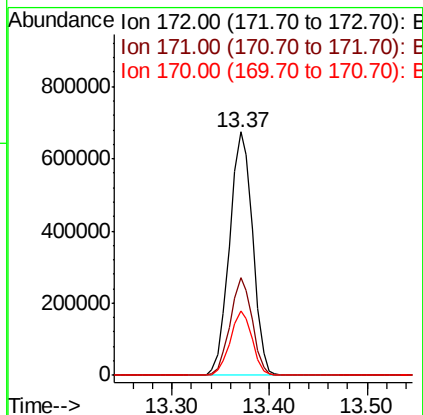
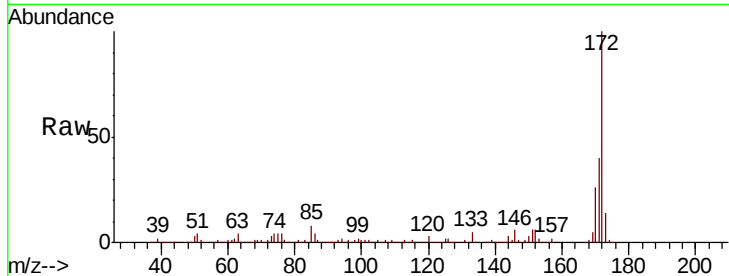




#45
 2-Fluorobiphenyl
 Concen: 97.620 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037352.D
 Acq: 16 Oct 2018 4:21

Tot Ion:172 Resp: 1104509

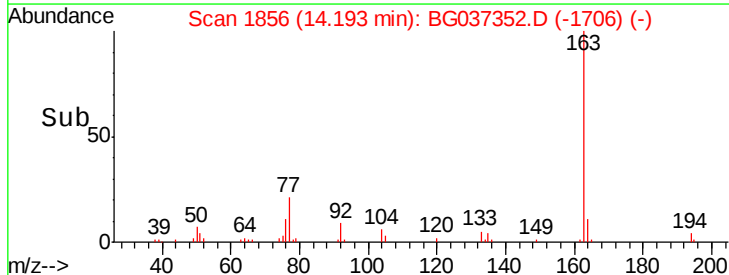
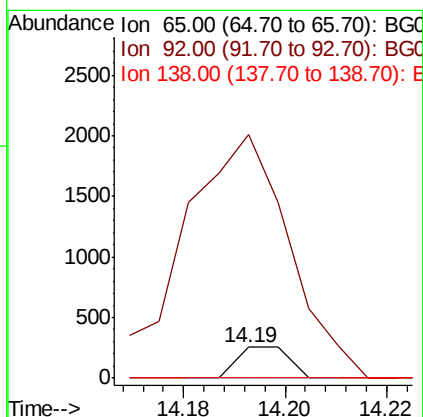
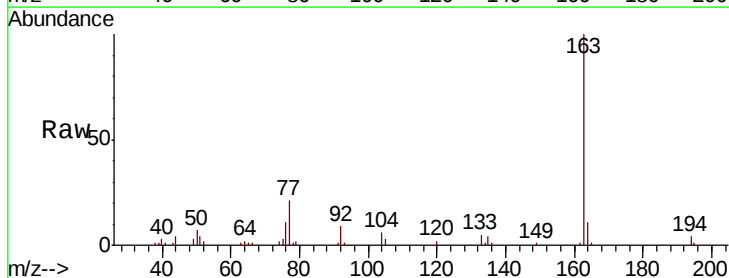
Ion	Ratio	Lower	Upper
172	100		
171	40.3	31.0	46.4
170	26.2	20.2	30.2

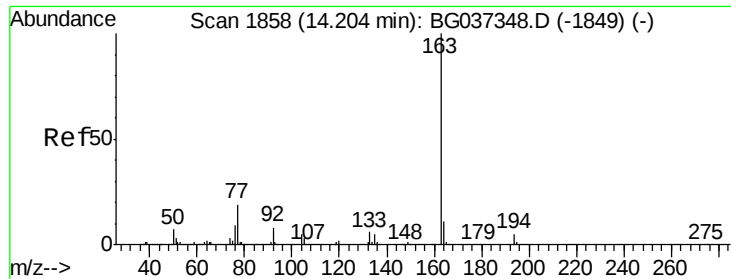


#48
 2-Nitroaniline
 Concen: 5.810 ng
 RT: 14.19 min Scan# 1856
 Delta R.T. 0.35 min
 Lab File: BG037352.D
 Acq: 16 Oct 2018 4:21

Tgt Ion: 65 Resp: 180

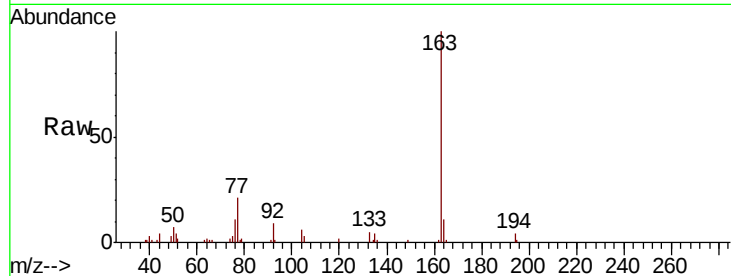
Ion	Ratio	Lower	Upper
65	100		
92	784.8	53.2	79.8#
138	0.0	79.3	118.9#



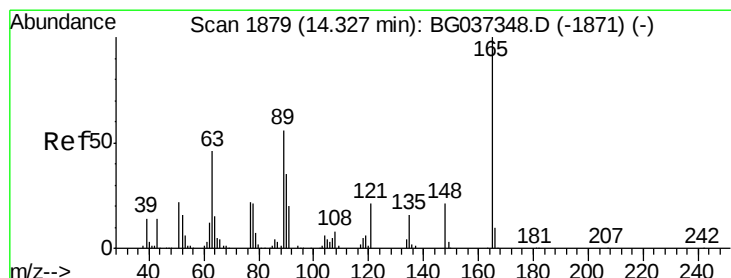
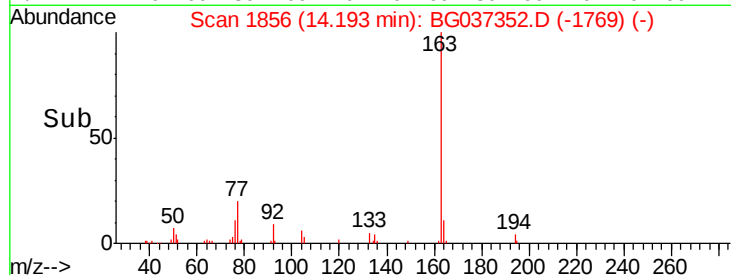
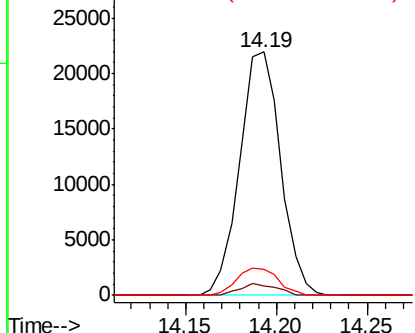


#50
Dimethylphthalate
Concen: 2.581 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037352.D
Acq: 16 Oct 2018 4:21

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.8	8.5	12.7

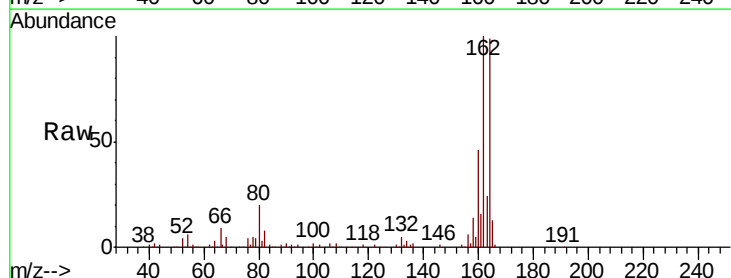


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

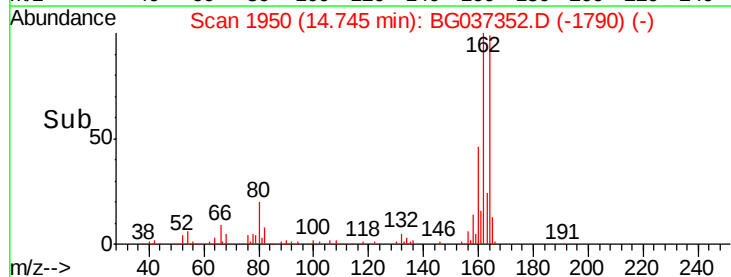
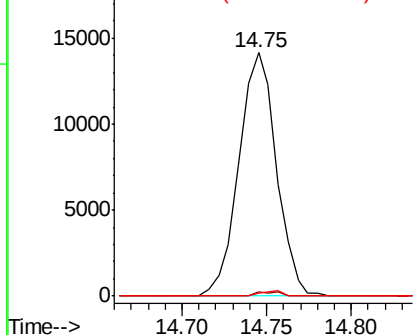


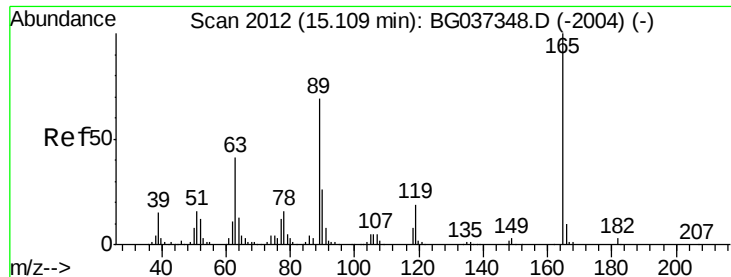
#51
2,6-Dinitrotoluene
Concen: 12.394 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037352.D
Acq: 16 Oct 2018 4:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	1.2	45.8	68.6#



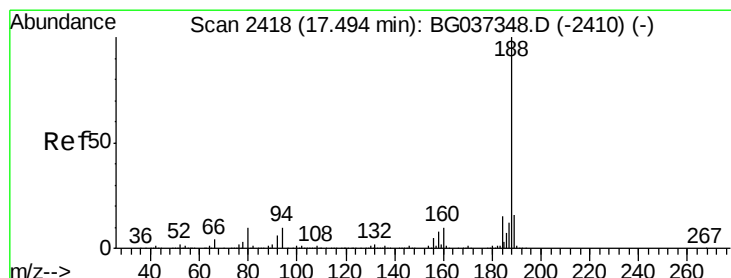
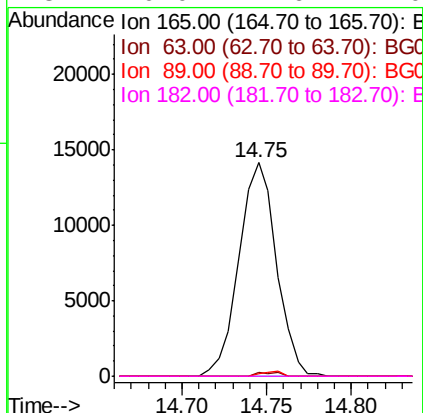
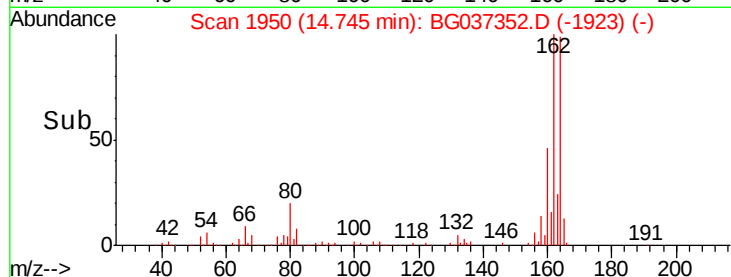
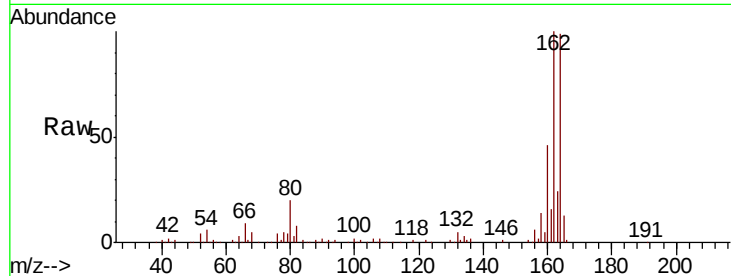
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





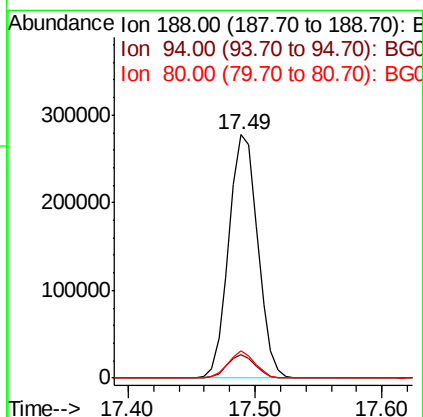
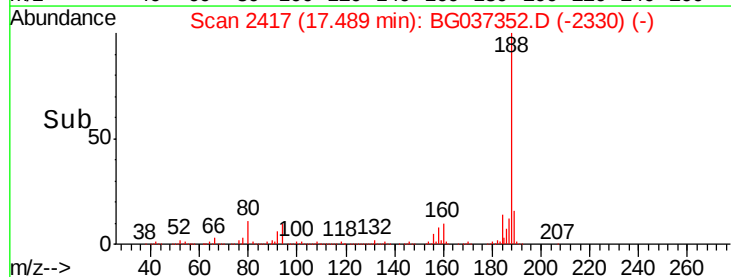
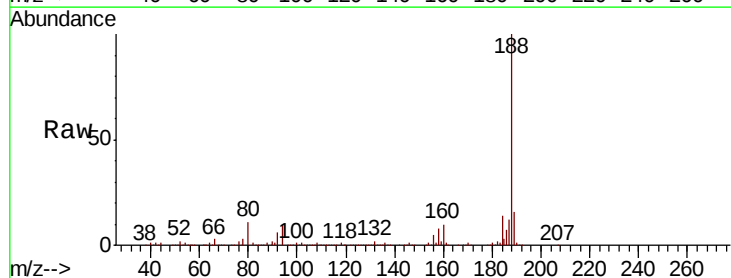
#57
 2,4-Dinitrotoluene
 Concen: 11.251 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037352.D
 Acq: 16 Oct 2018 4:21

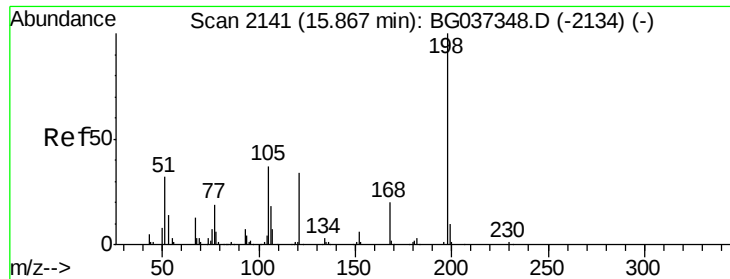
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	1.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037352.D
 Acq: 16 Oct 2018 4:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	11.2	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 6.258 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.35 min

Lab File: BG037352.D

Acq: 16 Oct 2018 4:21

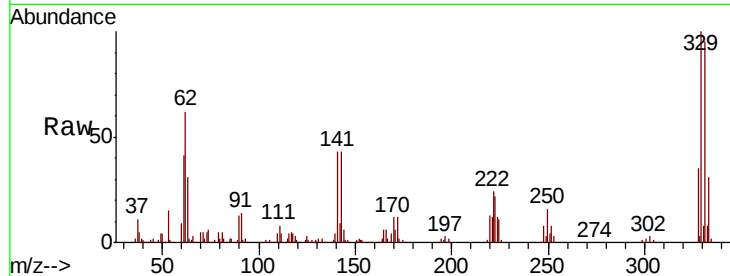
Tot Ion:198 Resp: 489

Ion Ratio Lower Upper

198 100

51 21.4 22.7 62.7#

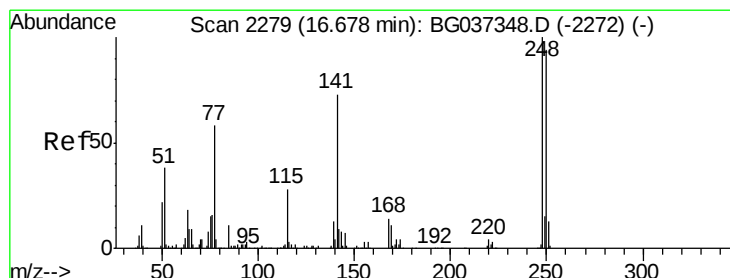
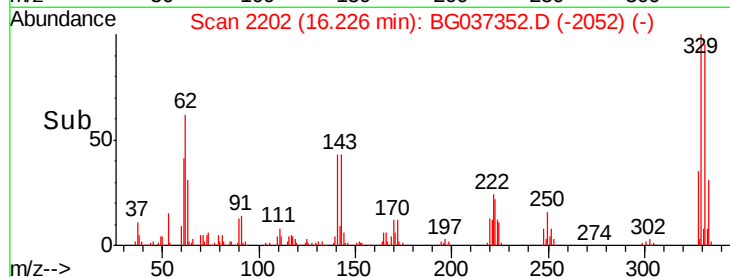
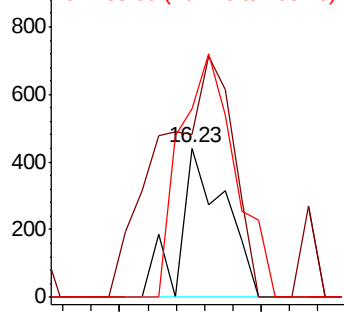
105 24.6 19.7 59.7



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: 3.071 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.46 min

Lab File: BG037352.D

Acq: 16 Oct 2018 4:21

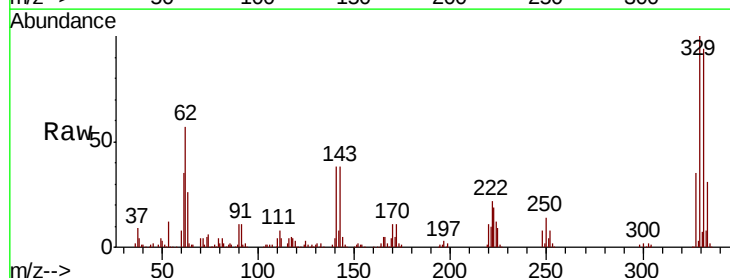
Tgt Ion:248 Resp: 14502

Ion Ratio Lower Upper

248 100

250 184.7 77.0 115.6#

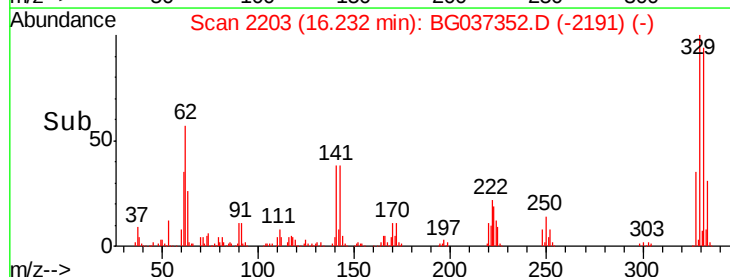
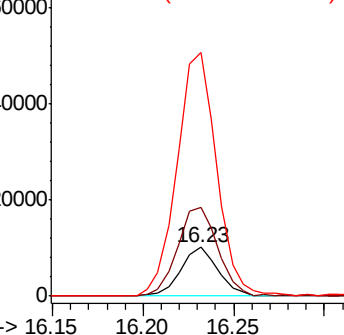
141 390.0 55.5 83.3#

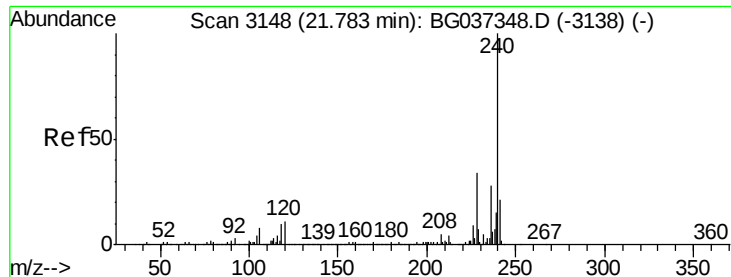


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

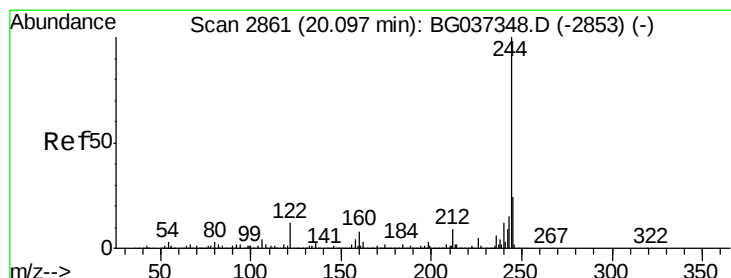
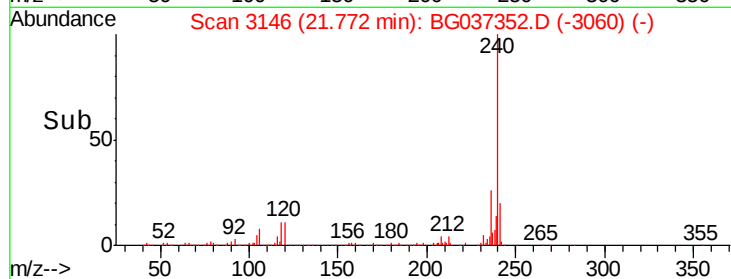
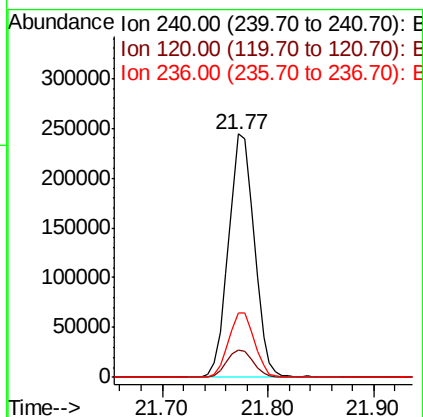
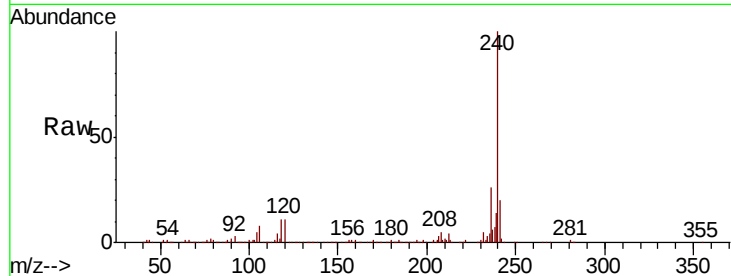
Ion 141.00 (140.70 to 141.70): E





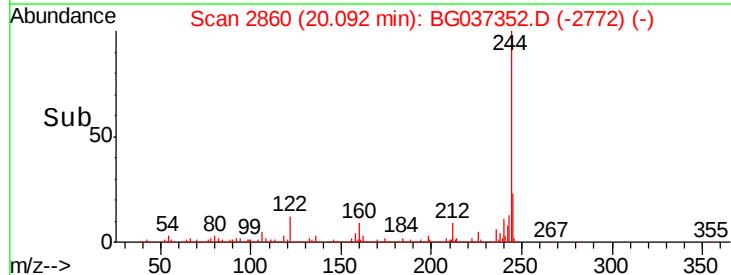
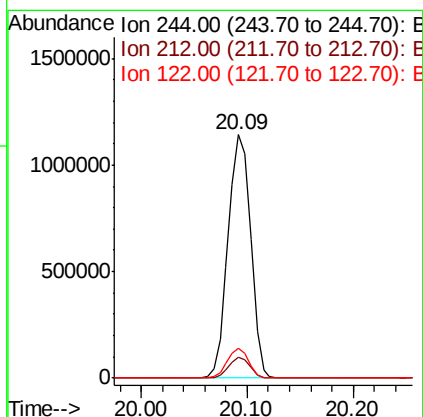
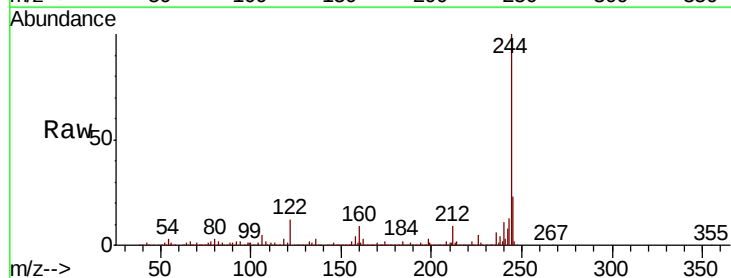
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.02 min
 Lab File: BG037352.D
 Acq: 16 Oct 2018 4:21

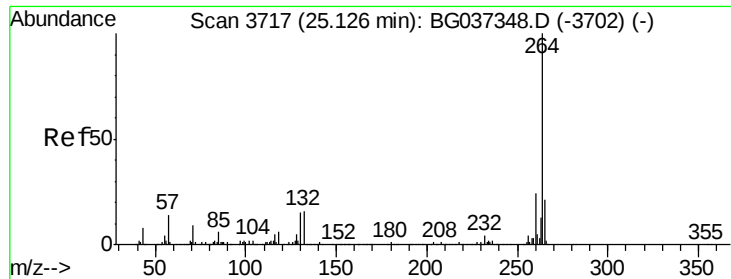
Tot Ion:240	Resp:	412891
Ion	Ratio	Lower Upper
240	100	
120	11.4	8.1 12.1
236	26.4	21.4 32.0



#79
 Terphenyl-d14
 Concen: 86.048 ng
 RT: 20.09 min Scan# 2860
 Delta R.T. -0.01 min
 Lab File: BG037352.D
 Acq: 16 Oct 2018 4:21

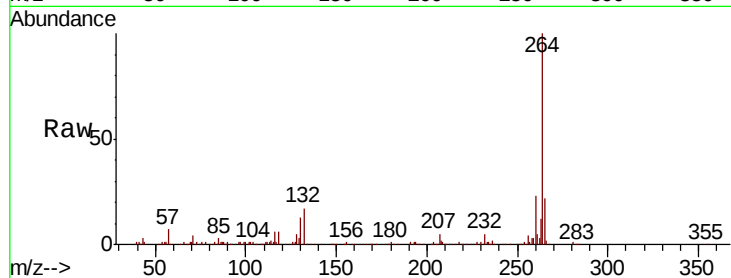
Tgt Ion:244	Resp:	1692039
Ion	Ratio	Lower Upper
244	100	
212	8.8	6.5 9.7
122	12.3	9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3715
 Delta R.T. -0.03 min
 Lab File: BG037352.D
 Acq: 16 Oct 2018 4:21

Tot Ion:	264	Resp:	413417
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.3	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

