

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037354.D
 Acq On : 16 Oct 2018 5:39
 Operator : JU/SJ
 Sample : J5511-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

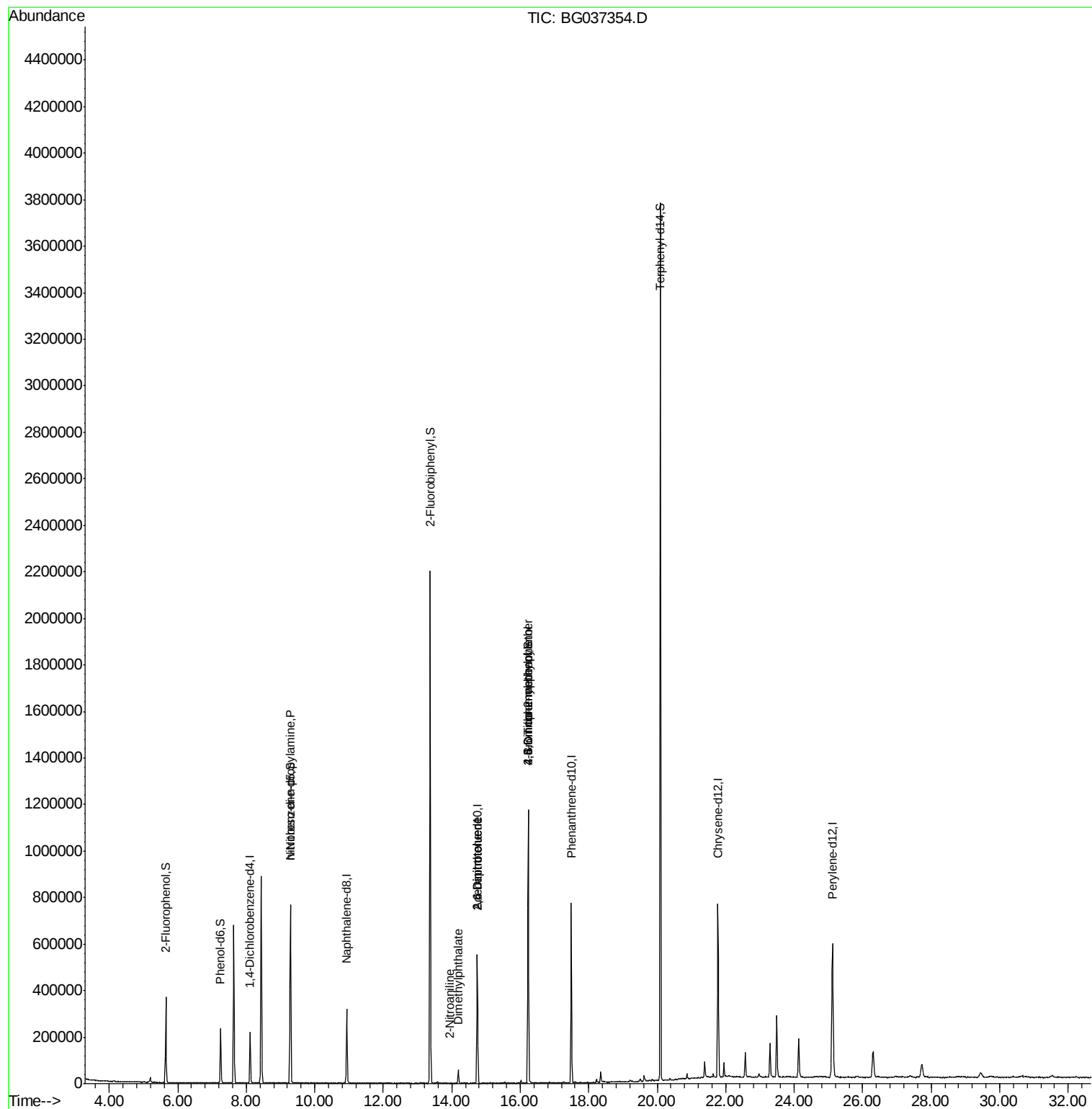
Quant Time: Oct 16 07:13:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

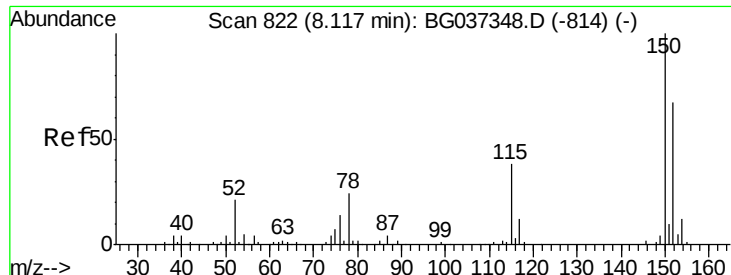
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	65139	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	289792	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	195977	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	494344	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	460672	20.00	ng	-0.02
87) Perylene-d12	25.12	264	459148	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	172638	46.64	ng	0.00
7) Phenol-d6	7.25	99	147909	26.33	ng	0.00
23) Nitrobenzene-d5	9.29	82	483223	109.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	214622	111.67	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1186019	90.88	ng	-0.01
79) Terphenyl-d14	20.09	244	1735368	79.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	59766	14.052	ng	# 70
48) 2-Nitroaniline	13.95	65	59	5.771	ng	# 7
50) Dimethylphthalate	14.19	163	41200	2.675	ng	99
51) 2,6-Dinitrotoluene	14.75	165	25179	12.384	ng	# 26
57) 2,4-Dinitrotoluene	14.75	165	25179	11.243	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	862	6.434	ng	84
67) 4-Bromophenyl-phenylether	16.23	248	15544	2.913	ng	# 1

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

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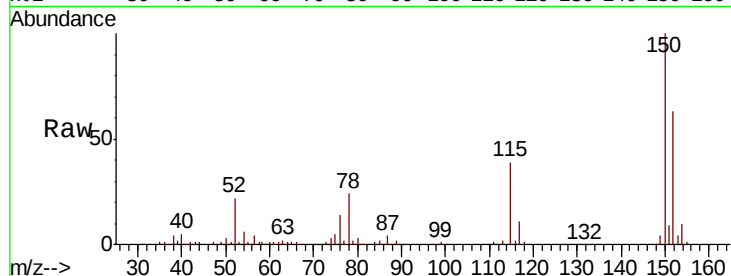




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.0	189.0
115	61.6	45.5	68.3

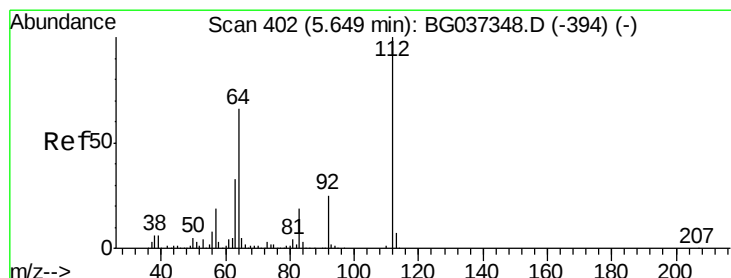
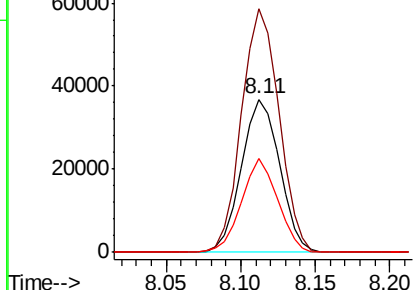
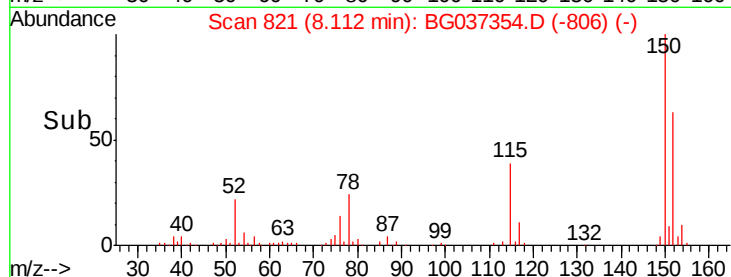


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

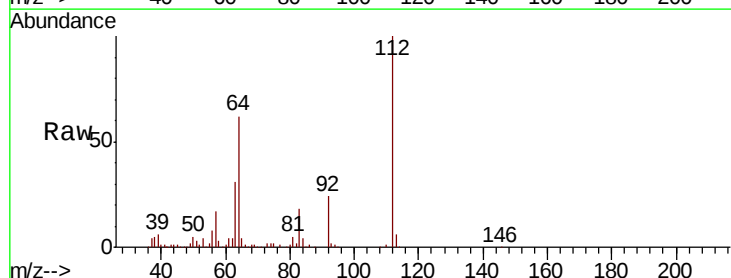
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.643 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	53.1	79.7
63	31.2	27.3	40.9

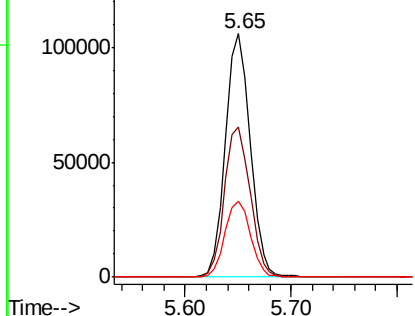
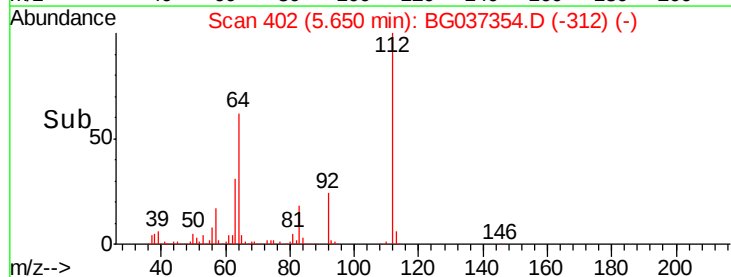


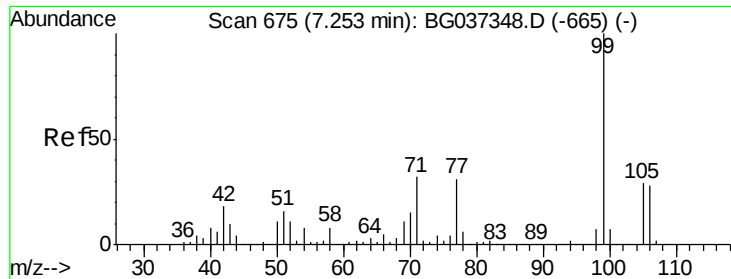
Abundance

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: 26.328 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037354.D

Acq: 16 Oct 2018 5:39

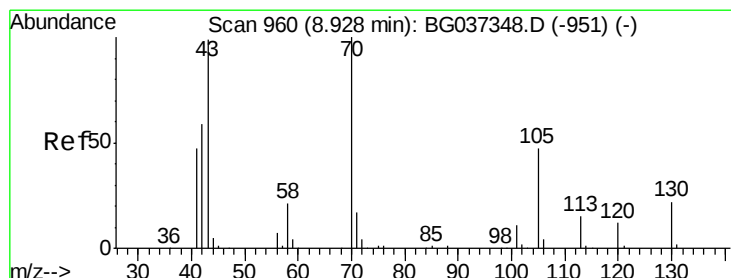
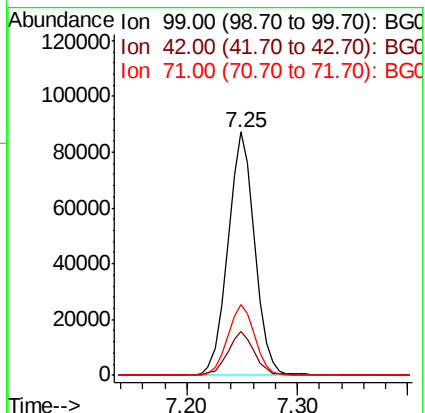
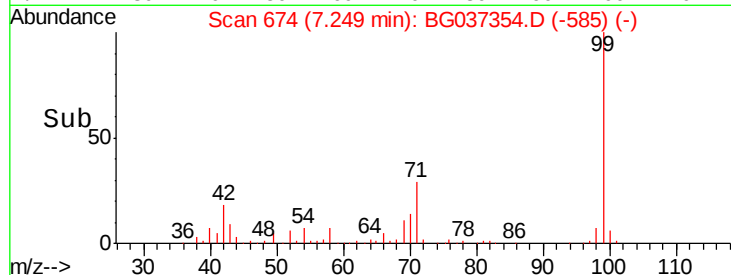
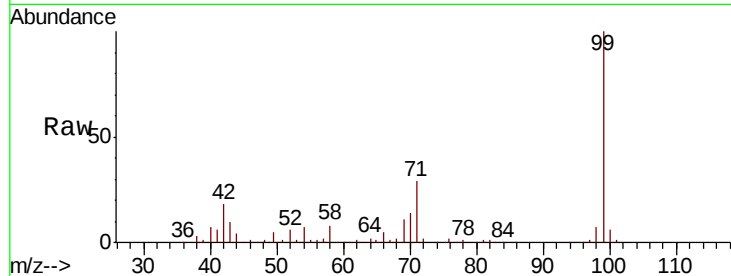
Tot Ion: 99 Resp: 147909

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

71 29.2 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.052 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037354.D

Acq: 16 Oct 2018 5:39

Tgt Ion: 70 Resp: 59766

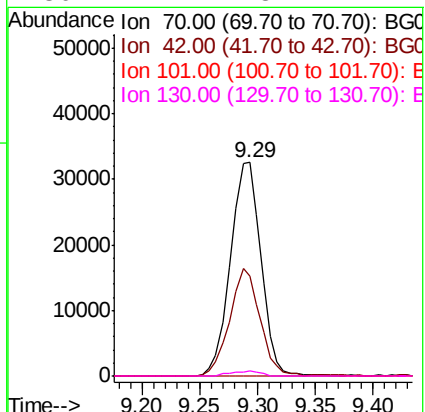
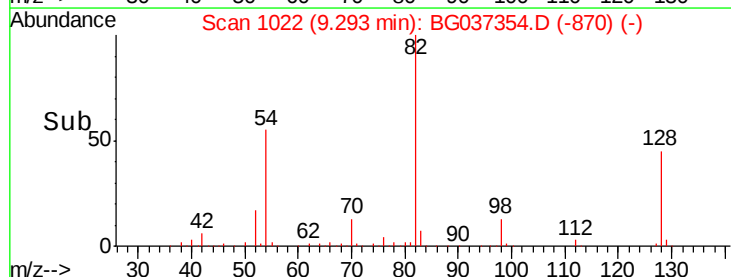
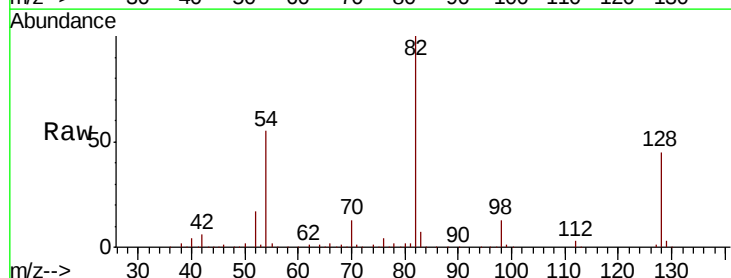
Ion Ratio Lower Upper

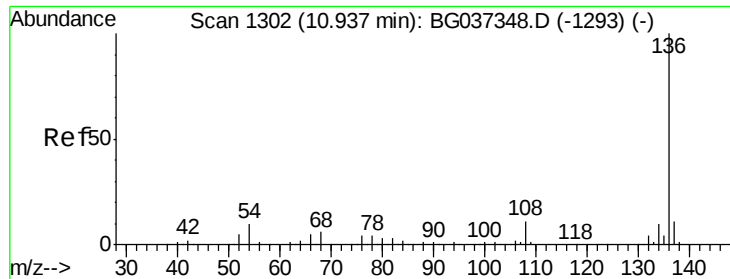
70 100

42 46.7 53.9 80.9#

101 0.0 8.2 12.2#

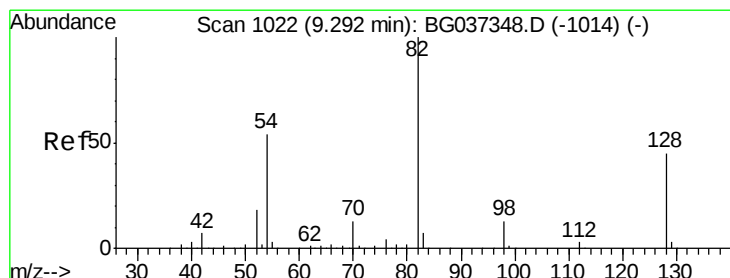
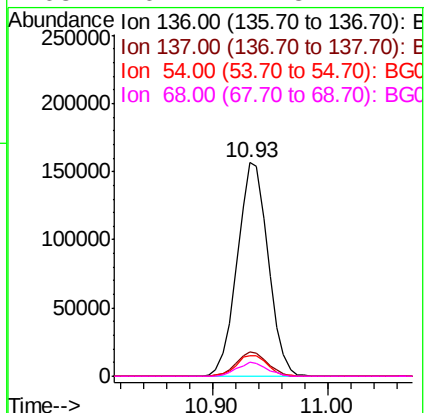
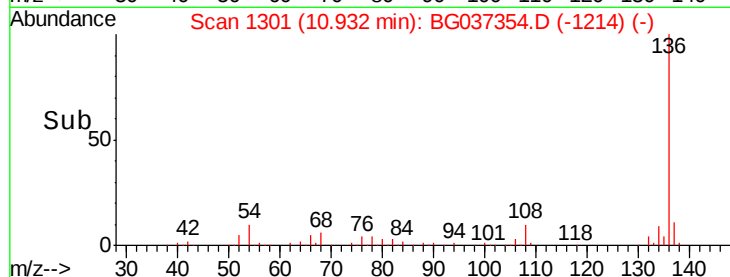
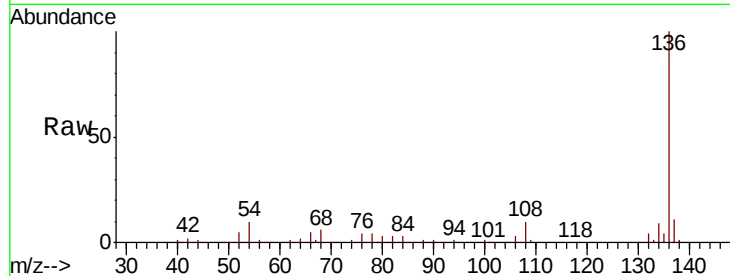
130 2.2 18.2 27.4#





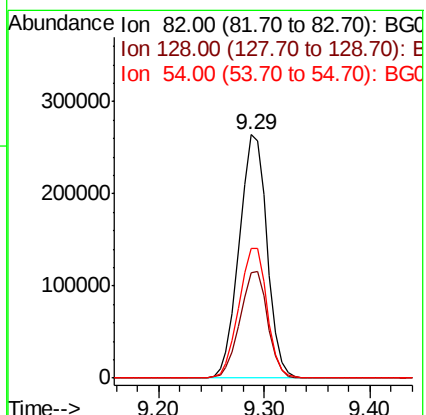
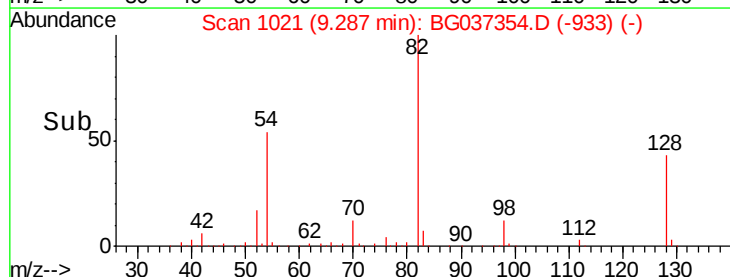
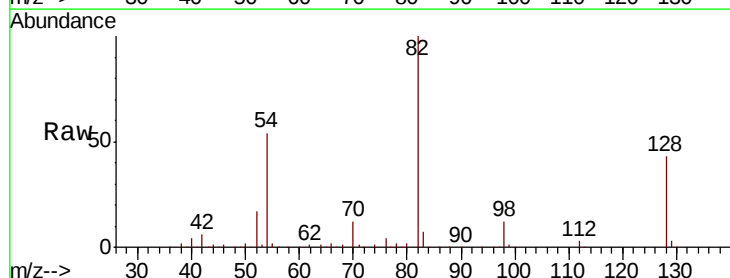
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

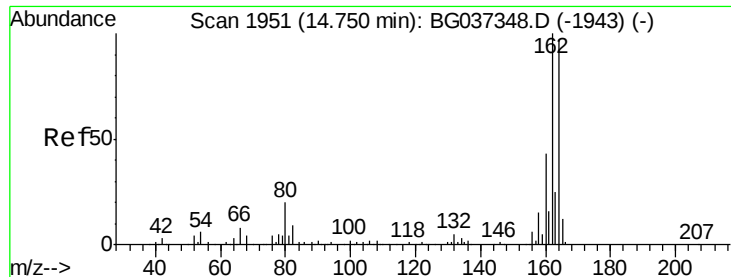
Tot Ion:136	Resp:	289792
Ion Ratio	Lower	Upper
136 100		
137 11.3	9.6	14.4
54 9.9	7.9	11.9
68 6.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 109.628 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

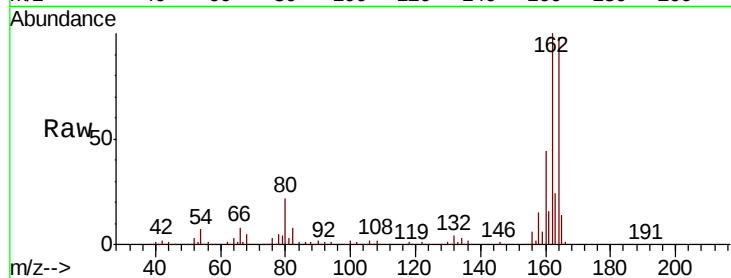
Tgt Ion: 82	Resp: 483223
Ion Ratio	Lower Upper
82 100	
128 43.2	34.6 51.8
54 53.5	45.3 67.9



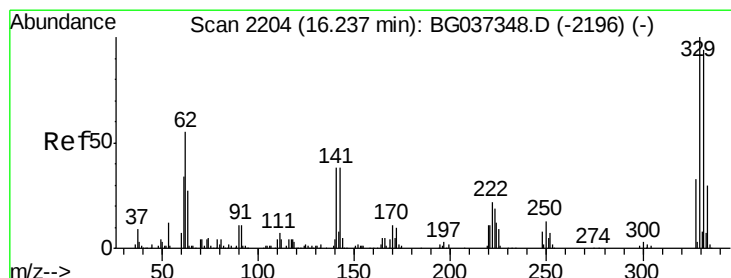
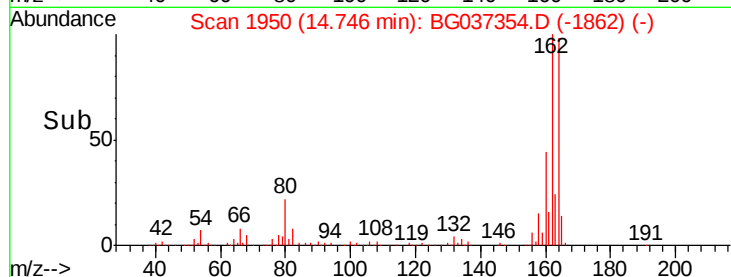
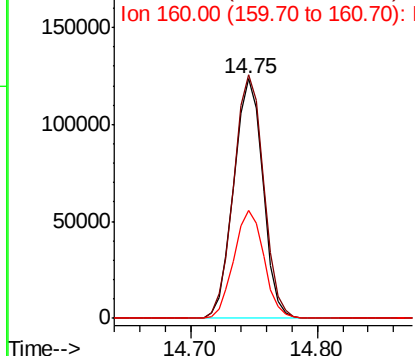


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	45.2	36.3	54.5

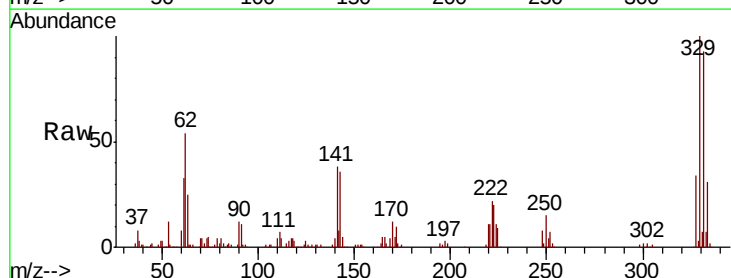


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

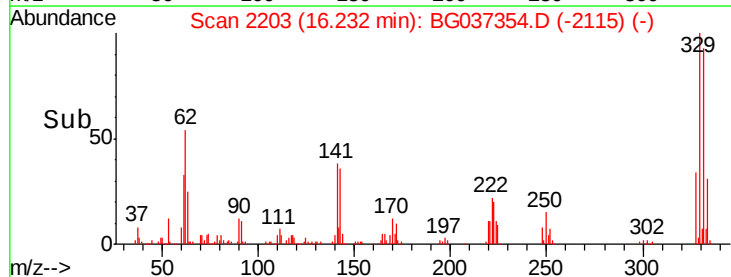
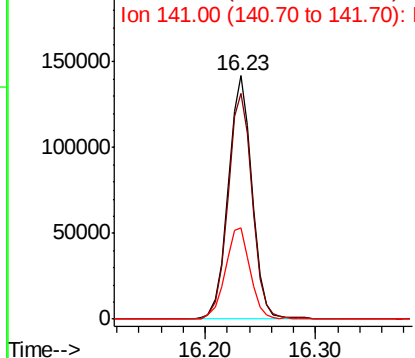


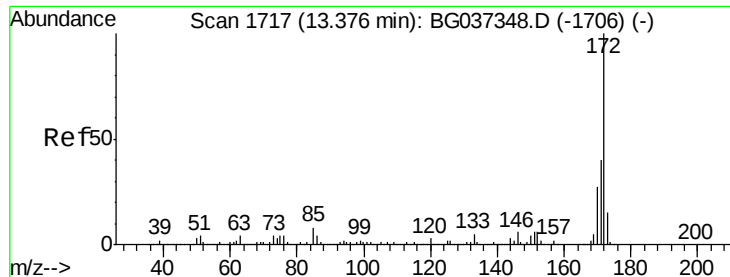
#42
2,4,6-Tribromophenol
Concen: 111.667 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	78.4	117.6
141	39.1	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

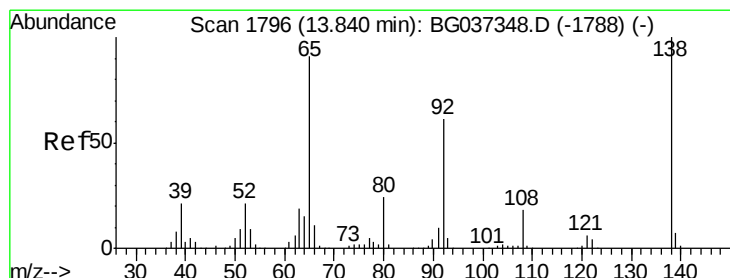
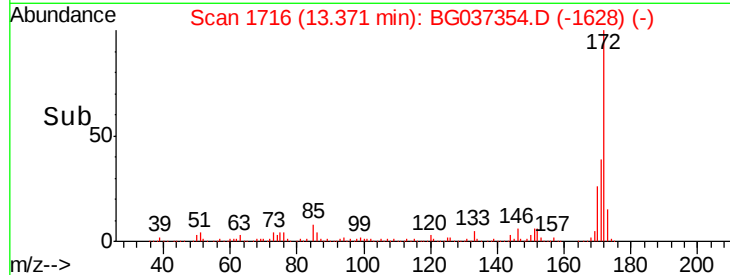
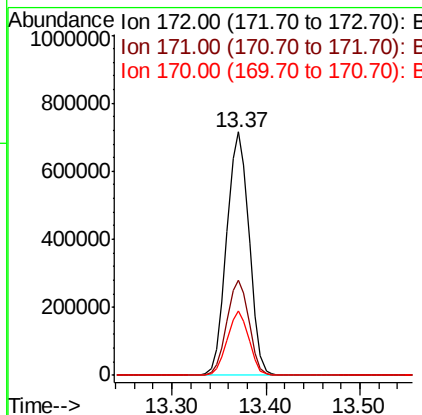
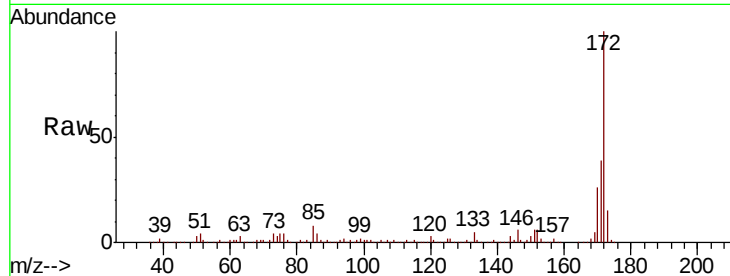




#45
 2-Fluorobiphenyl
 Concen: 90.884 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037354.D
 Acq: 16 Oct 2018 5:39

Tot Ion:172 Resp: 1186019

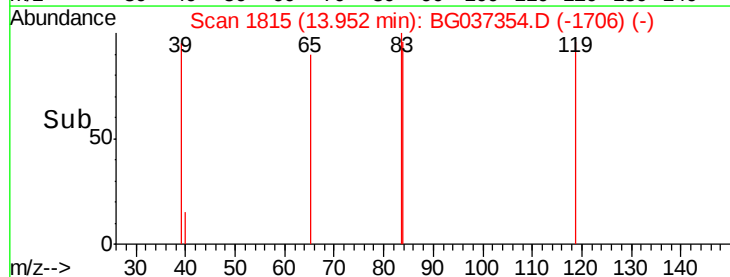
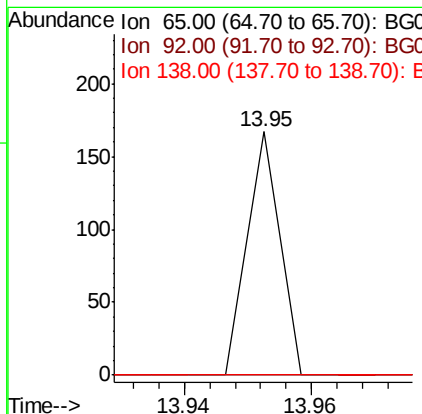
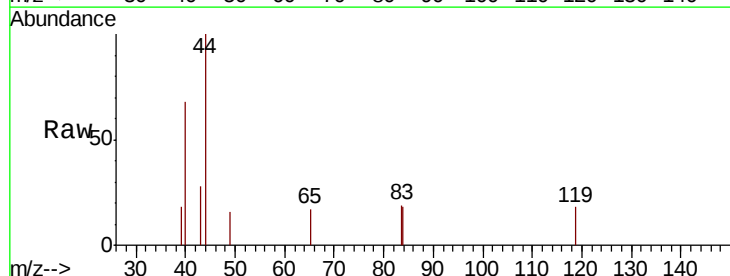
Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.0	46.4
170	26.3	20.2	30.2

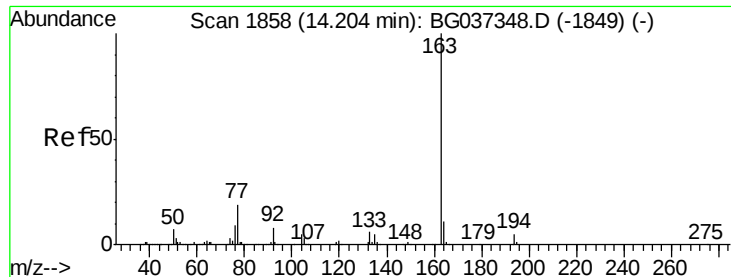


#48
 2-Nitroaniline
 Concen: 5.771 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. 0.11 min
 Lab File: BG037354.D
 Acq: 16 Oct 2018 5:39

Tgt Ion: 65 Resp: 59

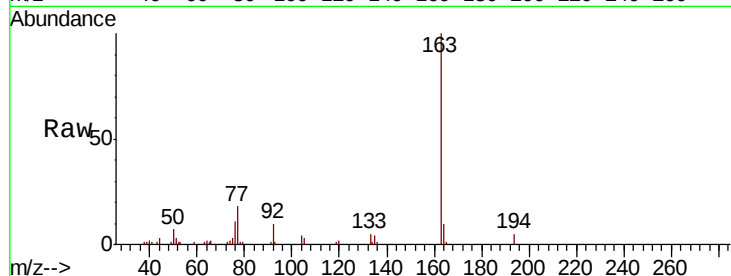
Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.2	79.8#
138	0.0	79.3	118.9#



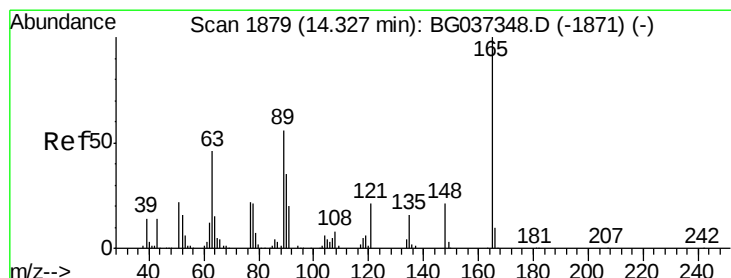
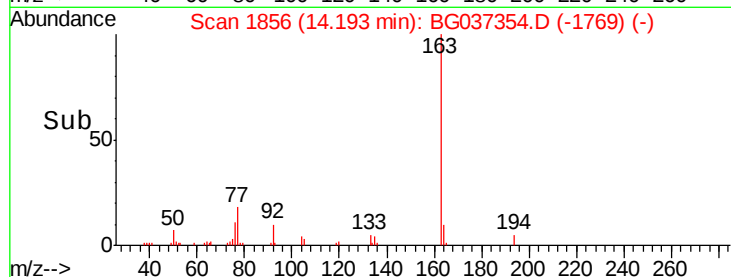
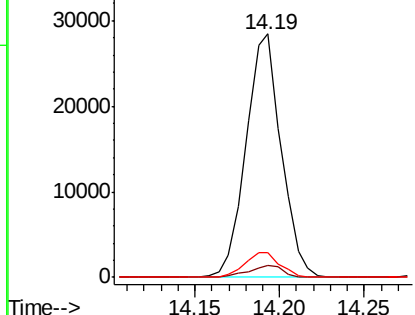


#50
Dimethylphthalate
Concen: 2.675 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

Tot Ion:163 Resp: 41200
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 10.4 8.5 12.7

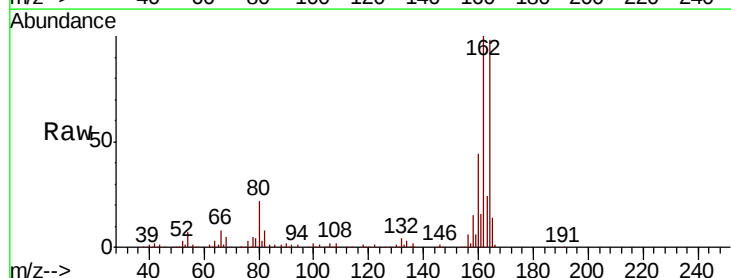


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

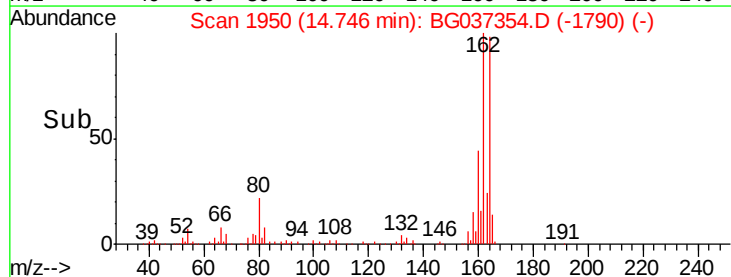
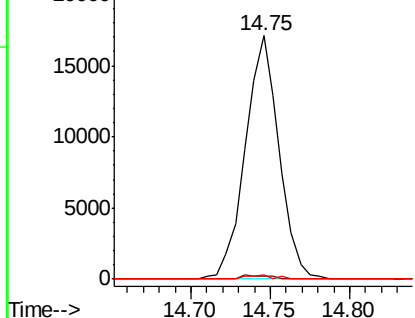


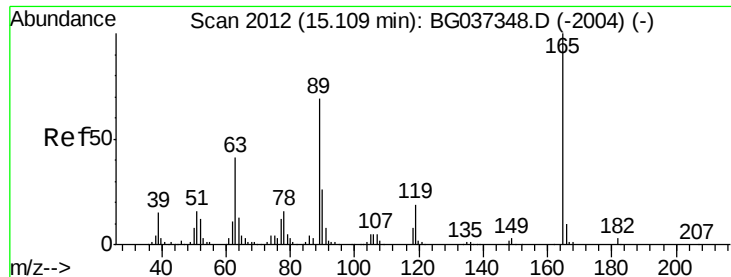
#51
2,6-Dinitrotoluene
Concen: 12.384 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

Tgt Ion:165 Resp: 25179
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.2#
89 1.8 45.8 68.6#



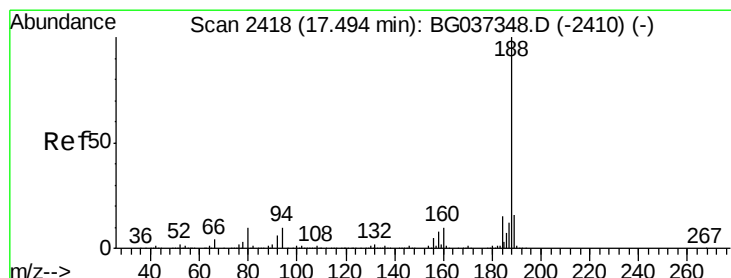
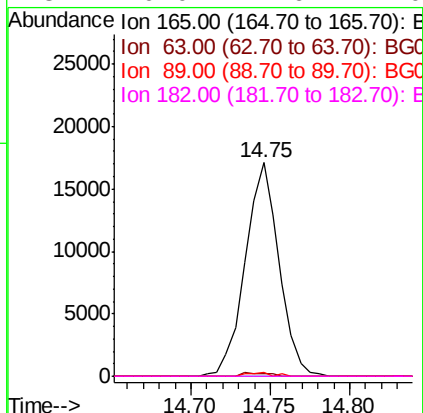
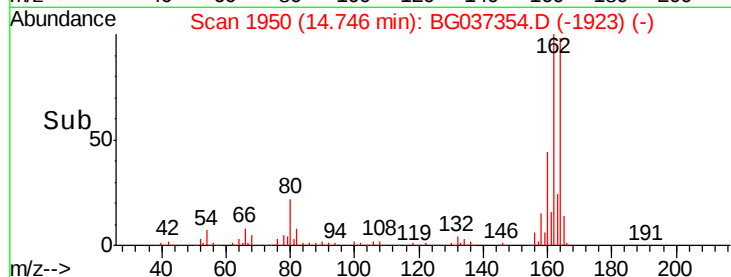
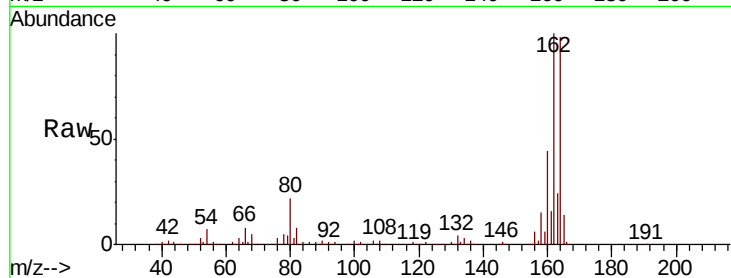
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





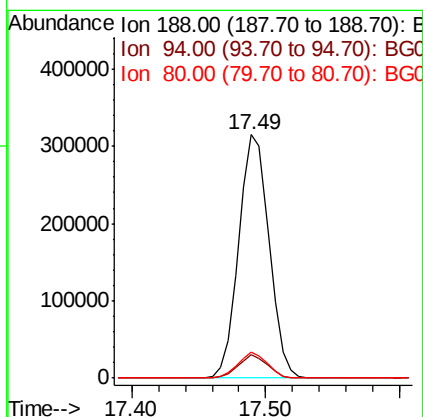
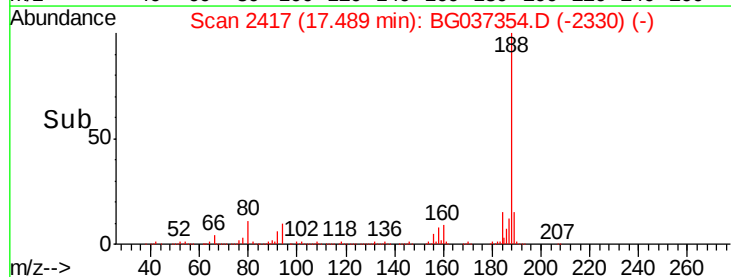
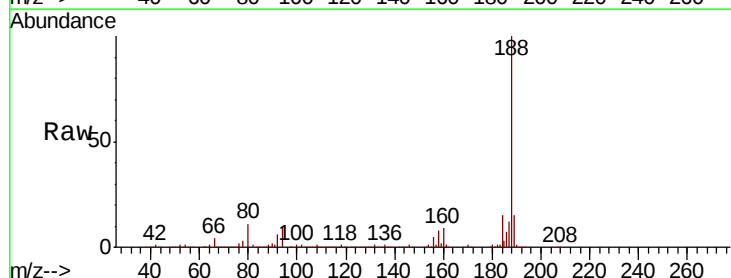
#57
 2,4-Dinitrotoluene
 Concen: 11.243 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037354.D
 Acq: 16 Oct 2018 5:39

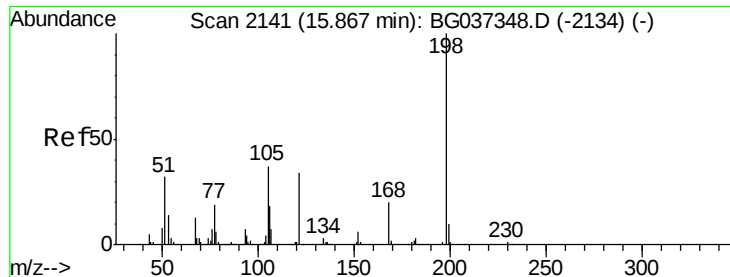
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037354.D
 Acq: 16 Oct 2018 5:39

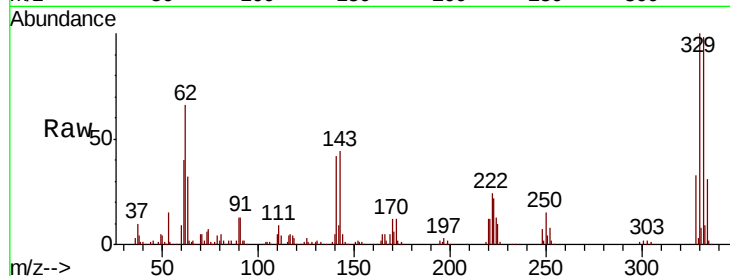
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	10.9	7.7	11.5



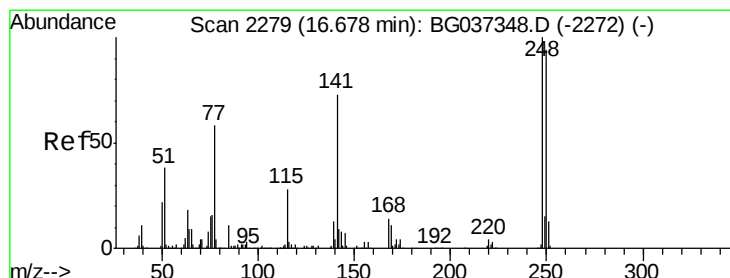
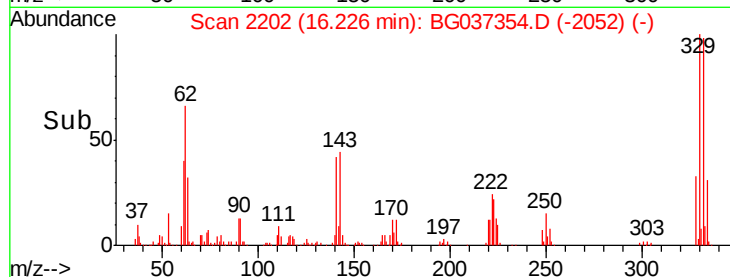
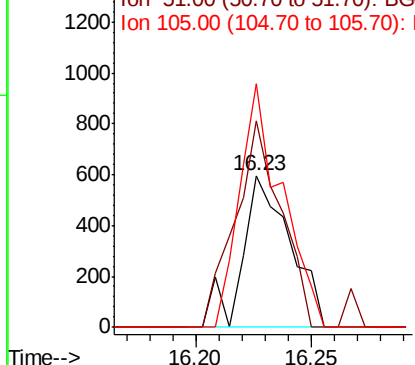


#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.434 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.35 min
 Lab File: BG037354.D
 Acq: 16 Oct 2018 5:39

Tot Ion	Ratio	Lower	Upper
198	100		
51	28.6	22.7	62.7
105	33.7	19.7	59.7

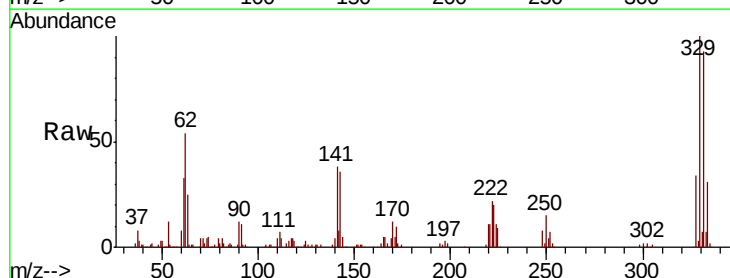


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

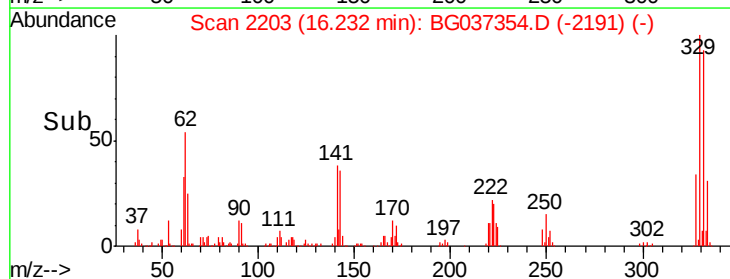
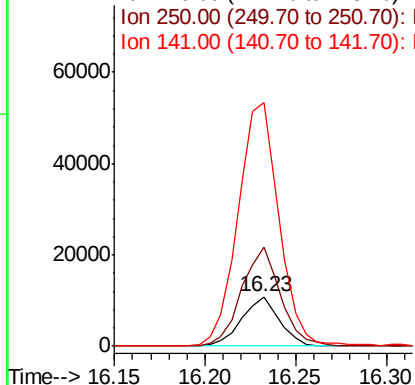


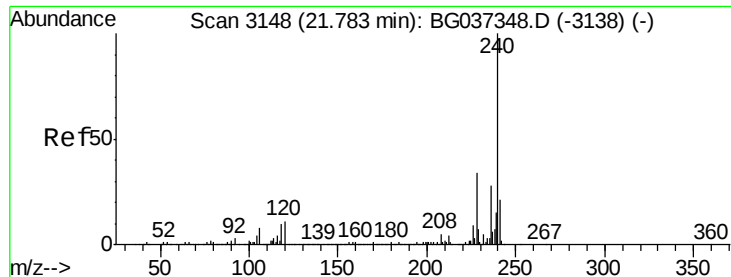
#67
 4-Bromophenyl-phenylether
 Concen: 2.913 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037354.D
 Acq: 16 Oct 2018 5:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	198.0	77.0	115.6#
141	383.0	55.5	83.3#



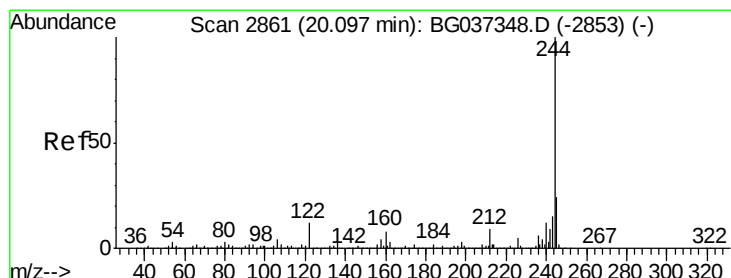
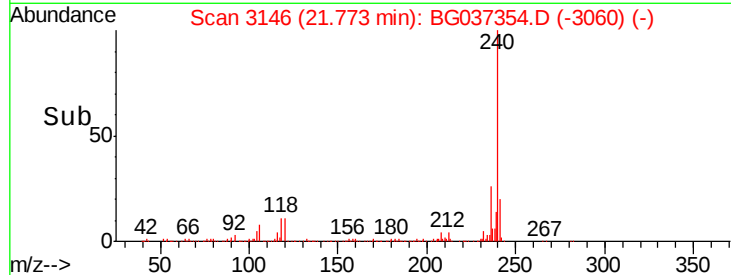
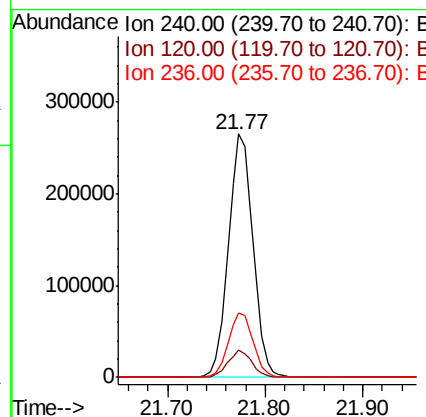
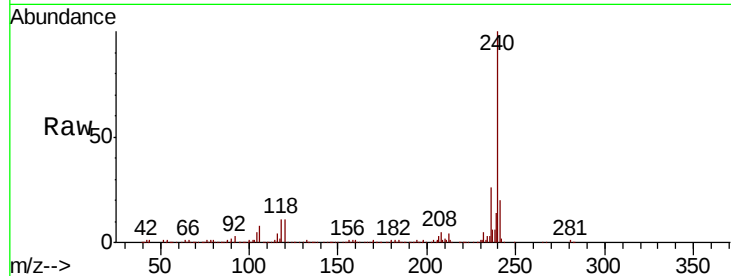
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





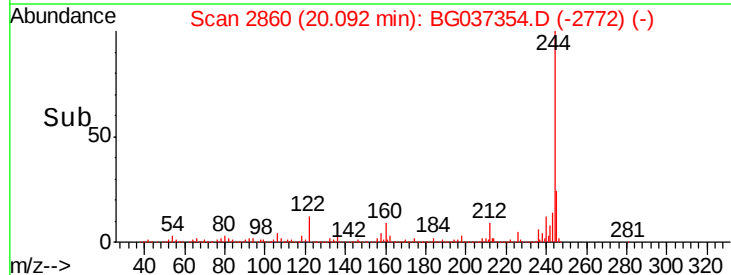
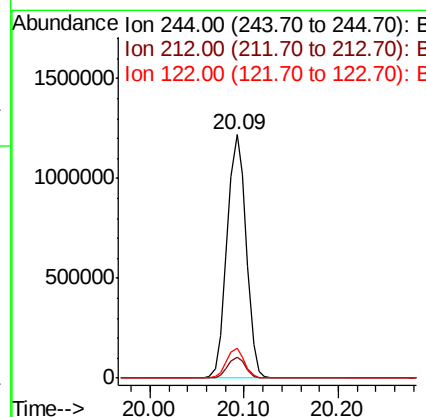
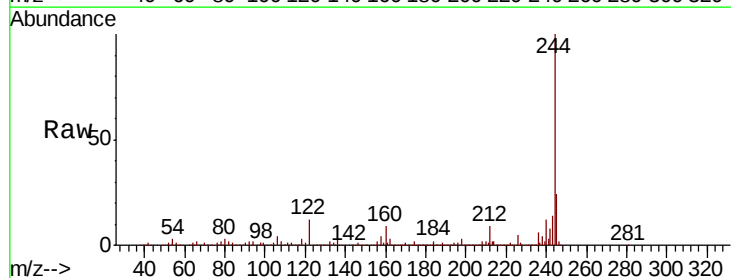
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

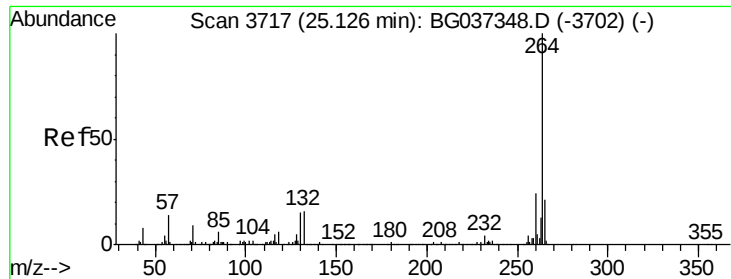
Tot Ion:240	Resp:	460672
Ion Ratio	Lower	Upper
240 100		
120 11.1	8.1	12.1
236 26.4	21.4	32.0



#79
Terphenyl-d14
Concen: 79.098 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

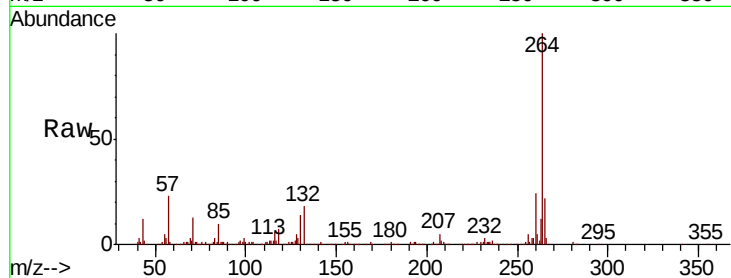
Tgt Ion:244	Resp:	1735368
Ion Ratio	Lower	Upper
244 100		
212 8.8	6.5	9.7
122 12.3	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3715
Delta R.T. -0.03 min
Lab File: BG037354.D
Acq: 16 Oct 2018 5:39

Tot Ion:	264	Resp:	459148
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.1	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

