

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037356.D
 Acq On : 16 Oct 2018 6:56
 Operator : JU/SJ
 Sample : J5511-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

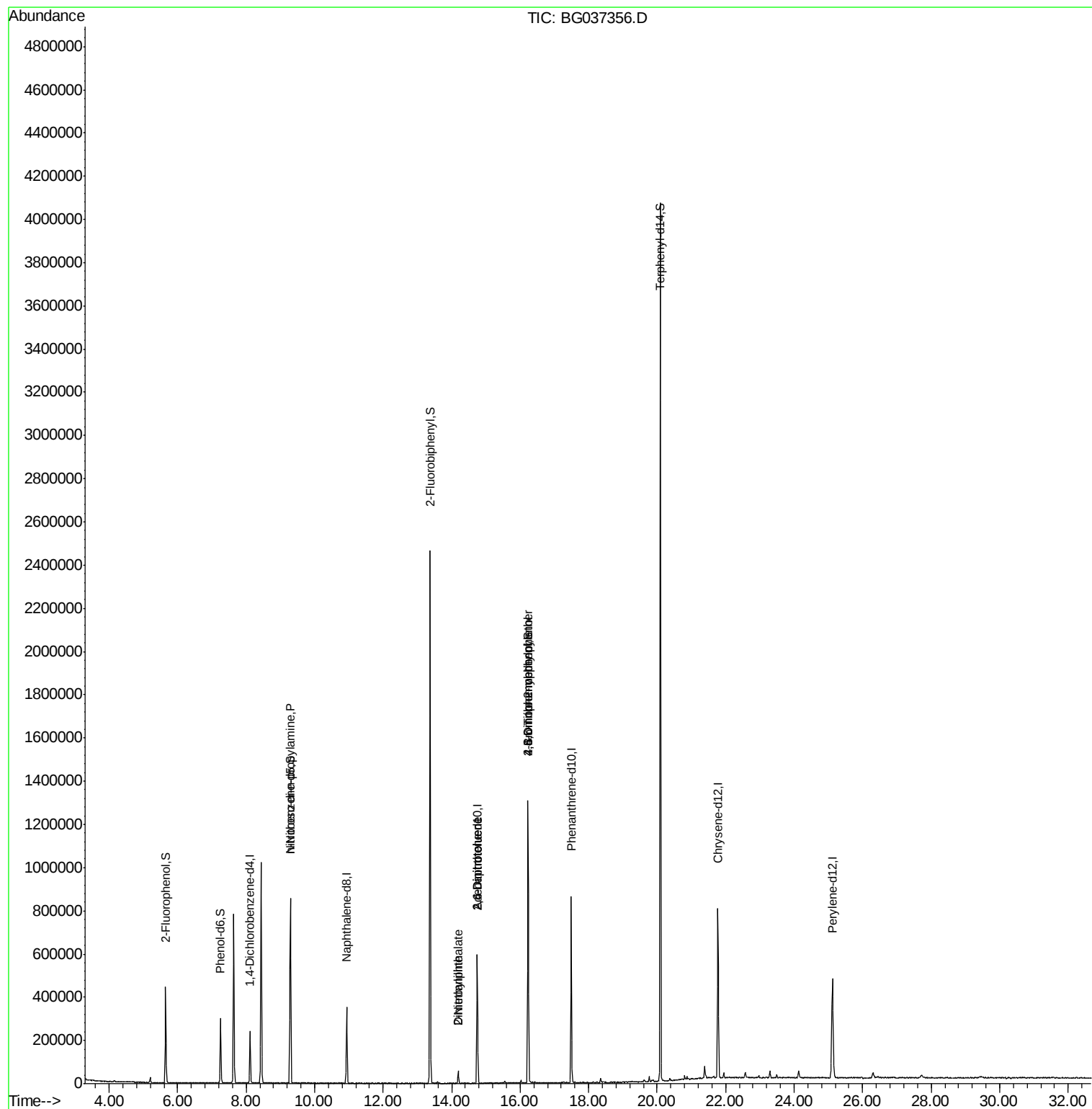
Quant Time: Oct 16 07:35:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

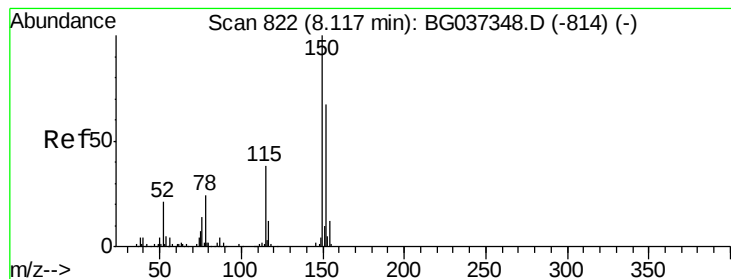
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	72355	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	316258	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	213496	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	528313	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	490512	20.00	ng	-0.02
87) Perylene-d12	25.12	264	497292	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	212988	51.81	ng	0.00
7) Phenol-d6	7.25	99	186795	29.93	ng	0.00
23) Nitrobenzene-d5	9.29	82	542203	112.72	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	237836	113.59	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1329527	93.52	ng	0.00
79) Terphenyl-d14	20.09	244	1887336	80.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	69454	14.701	ng	# 71
48) 2-Nitroaniline	14.18	65	125	5.786	ng	# 1
50) Dimethylphthalate	14.19	163	41794	2.491	ng	98
51) 2,6-Dinitrotoluene	14.74	165	27620	12.436	ng	# 25
57) 2,4-Dinitrotoluene	14.74	165	27620	11.284	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	530	6.226	ng	79
67) 4-Bromophenyl-phenylether	16.23	248	18172	3.187	ng	# 1

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

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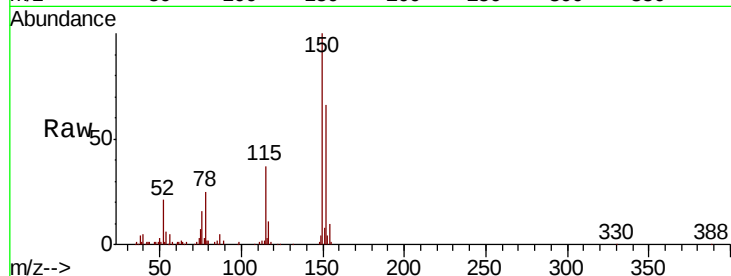




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.0	189.0
115	56.6	45.5	68.3

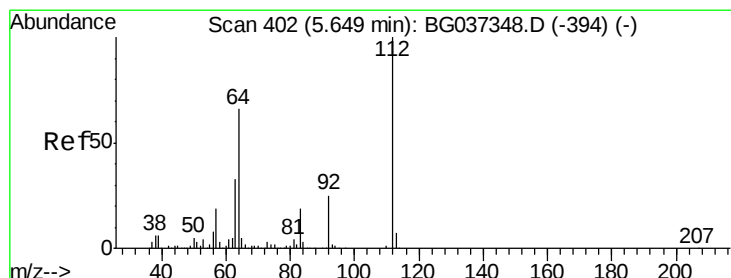
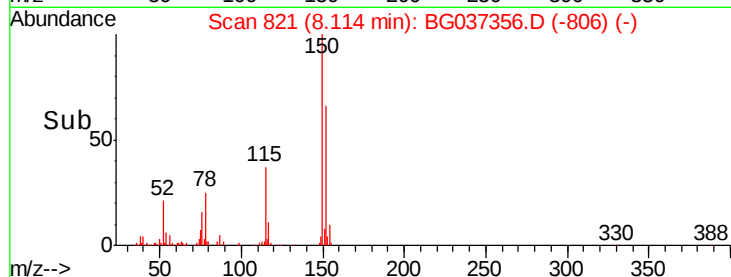
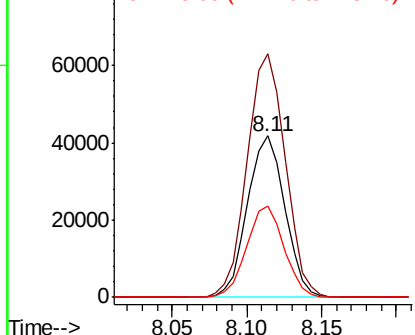


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

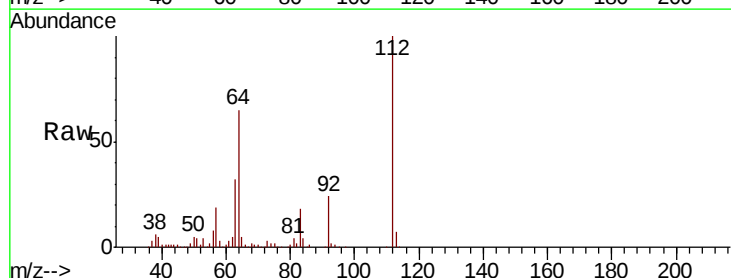
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 51.805 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.1	79.7
63	32.0	27.3	40.9

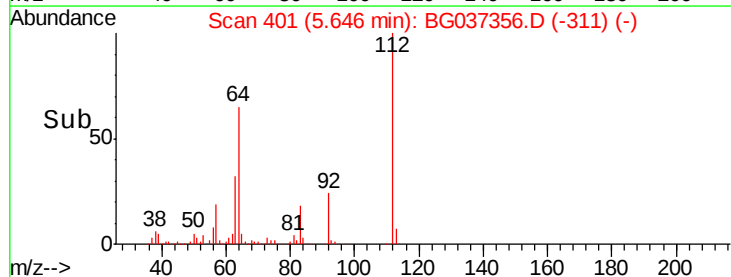
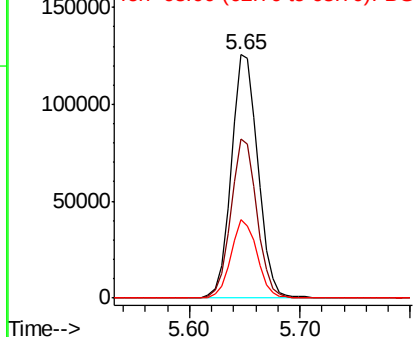


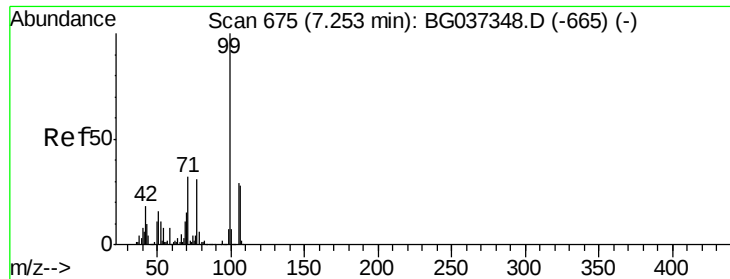
Abundance

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: 29.934 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037356.D

Acq: 16 Oct 2018 6:56

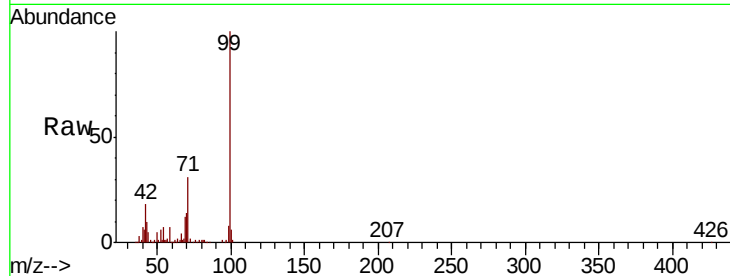
Tot Ion: 99 Resp: 186795

Ion Ratio Lower Upper

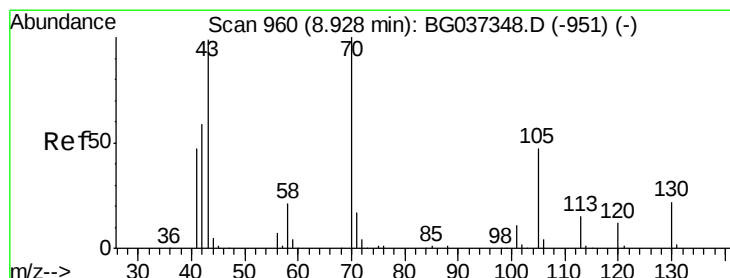
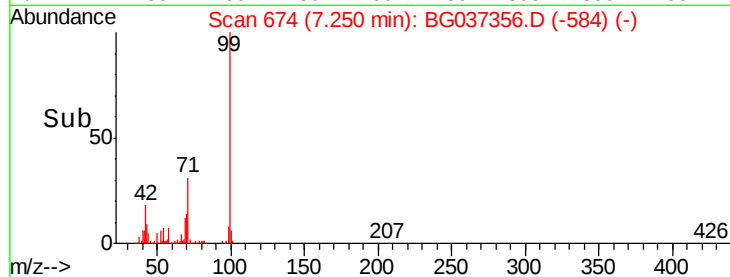
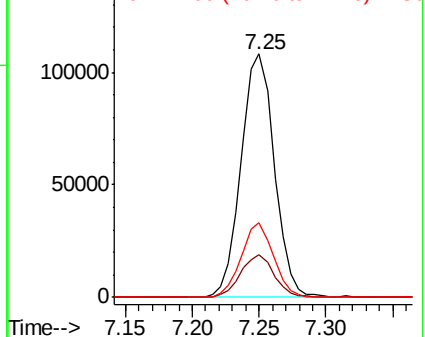
99 100

42 17.6 15.0 22.4

71 30.8 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: 14.701 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG037356.D

Acq: 16 Oct 2018 6:56

Tgt Ion: 70 Resp: 69454

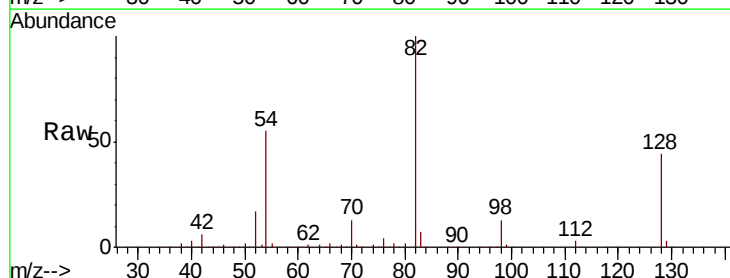
Ion Ratio Lower Upper

70 100

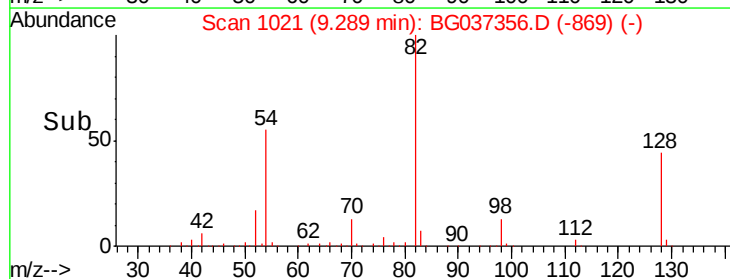
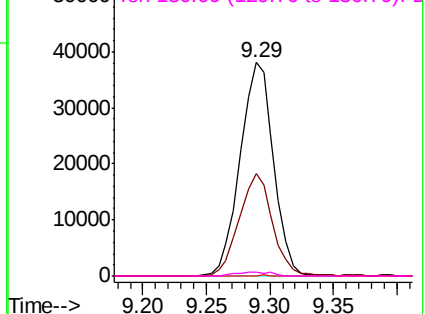
42 48.0 53.9 80.9#

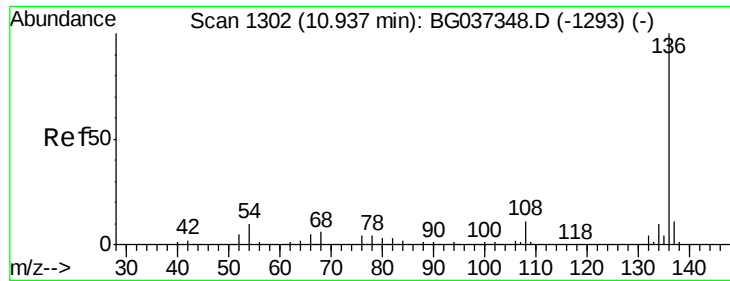
101 0.0 8.2 12.2#

130 1.9 18.2 27.4#



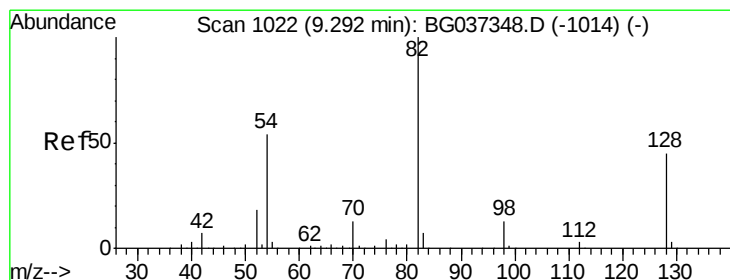
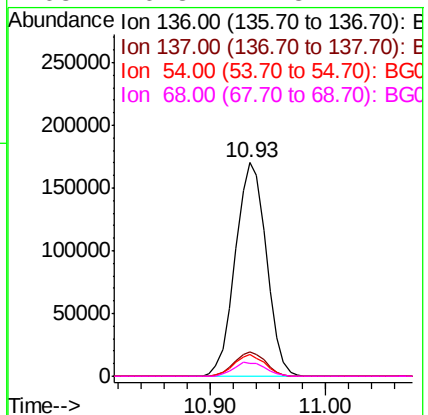
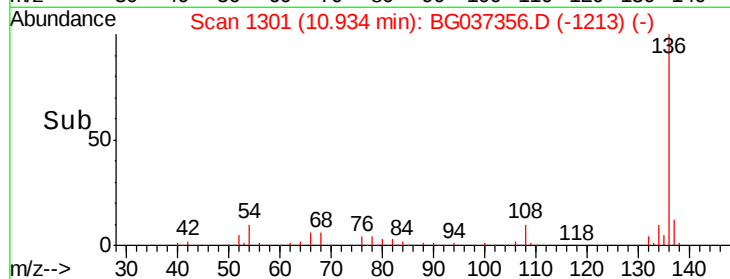
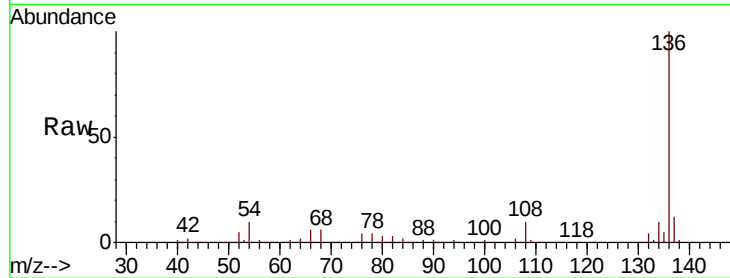
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





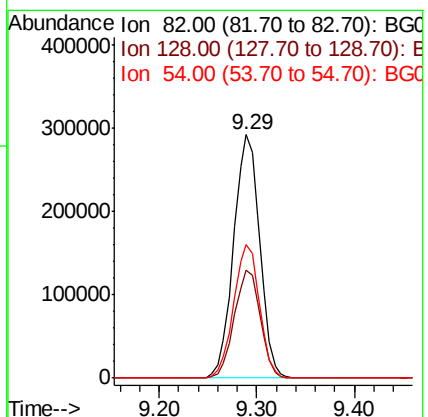
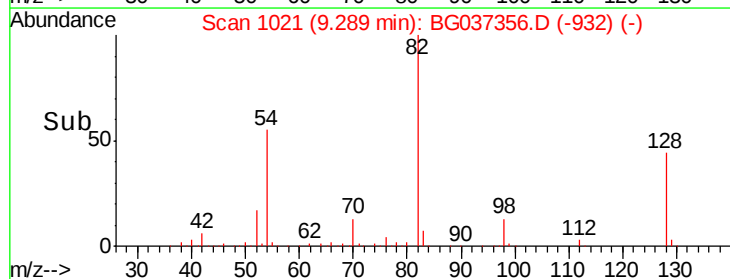
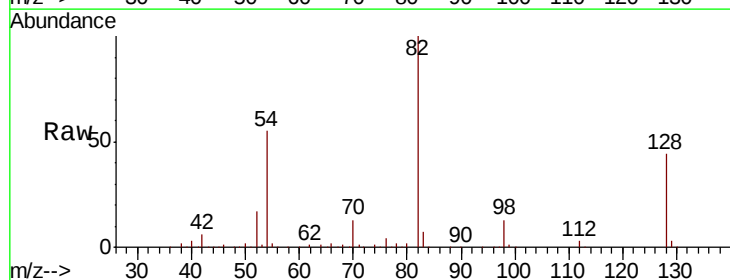
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

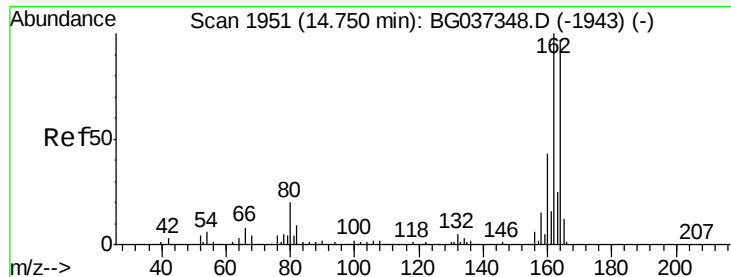
Tot Ion:136	Resp:	316258	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.6	14.4	
54 10.1	7.9	11.9	
68 6.3	4.8	7.2	



#23
Nitrobenzene-d5
Concen: 112.715 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

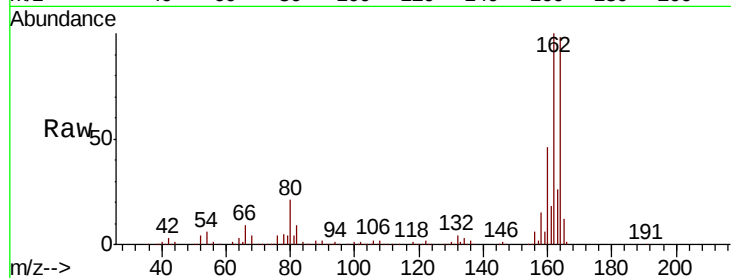
Tgt	Ion: 82	Resp:	542203
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.6	51.8
54	54.6	45.3	67.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	46.6	36.3	54.5

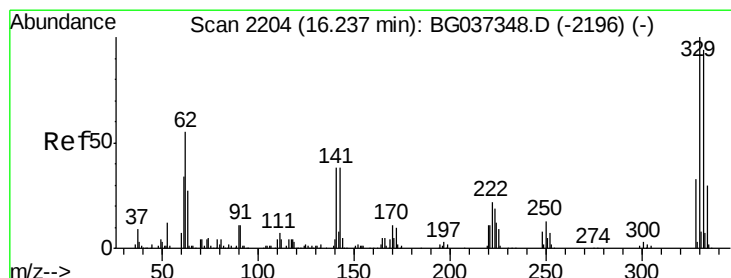
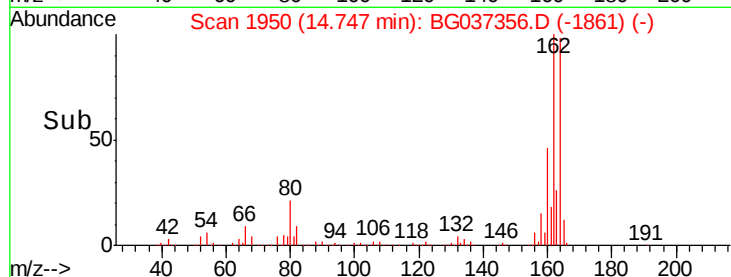
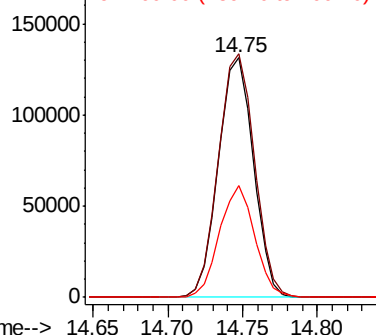


Abundance

Ion 164.00 (163.70 to 164.70): E

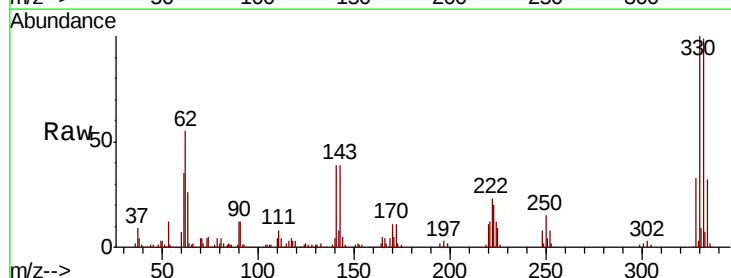
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 113.591 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.4	117.6
141	40.0	32.2	48.2

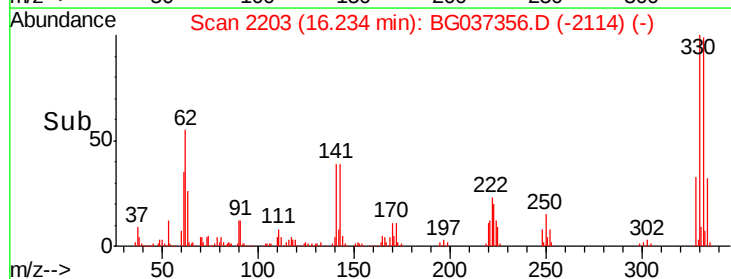
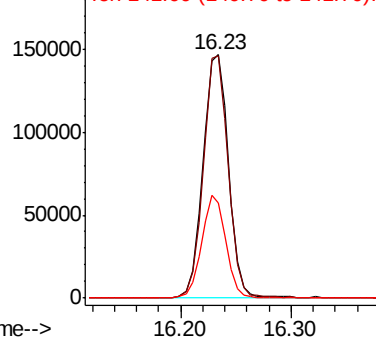


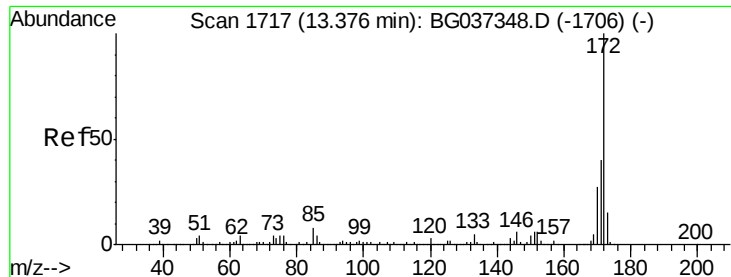
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

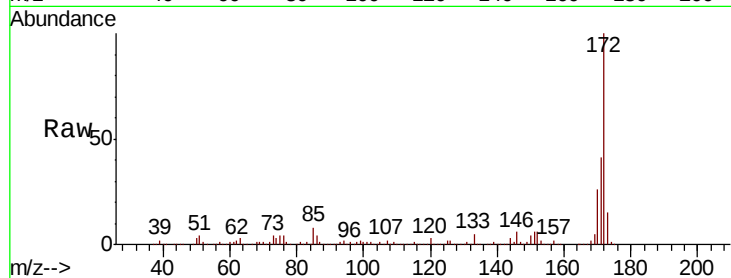
Ion 141.00 (140.70 to 141.70): E



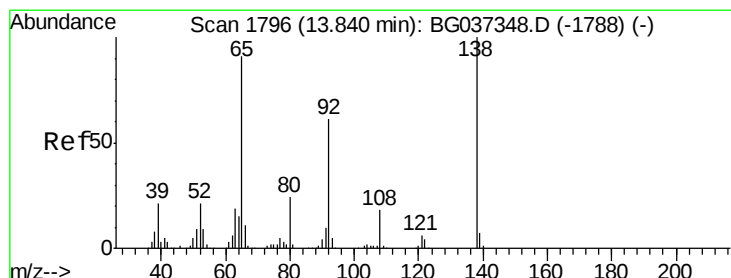
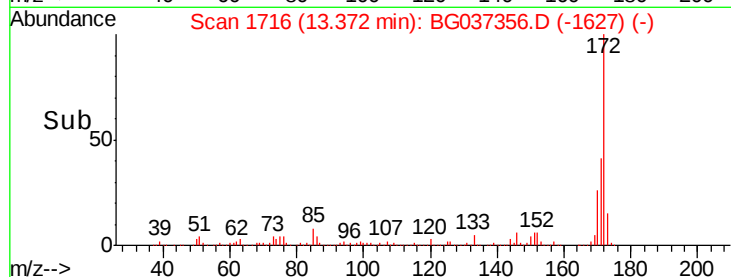
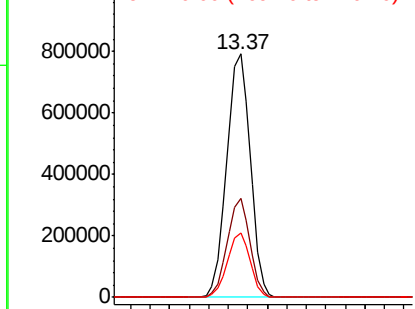


#45
2-Fluorobiphenyl
Concen: 93.521 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tot Ion:172 Resp: 1329527
Ion Ratio Lower Upper
172 100
171 40.6 31.0 46.4
170 26.4 20.2 30.2

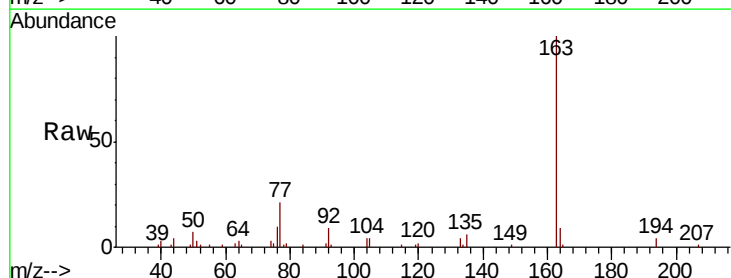


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

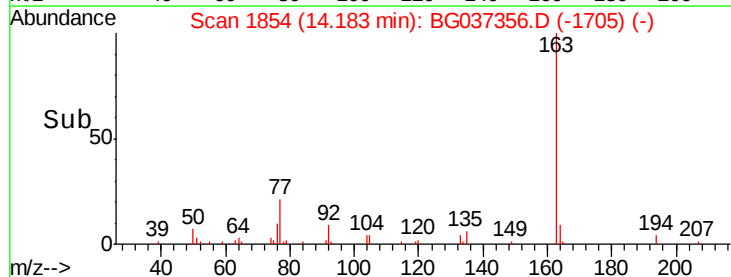
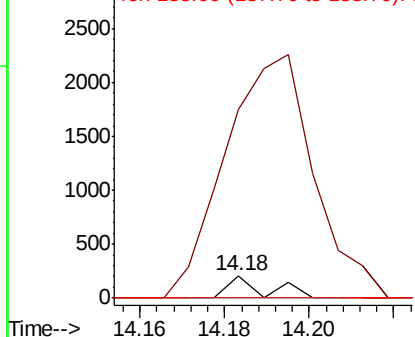


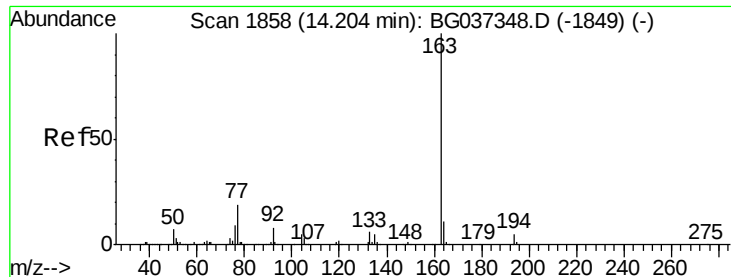
#48
2-Nitroaniline
Concen: 5.786 ng
RT: 14.18 min Scan# 1854
Delta R.T. 0.34 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tgt Ion: 65 Resp: 125
Ion Ratio Lower Upper
65 100
92 848.1 53.2 79.8#
138 0.0 79.3 118.9#



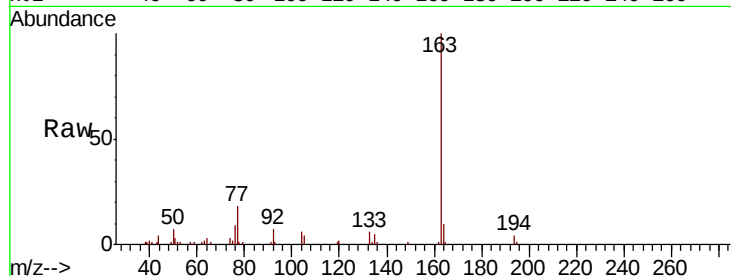
Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E



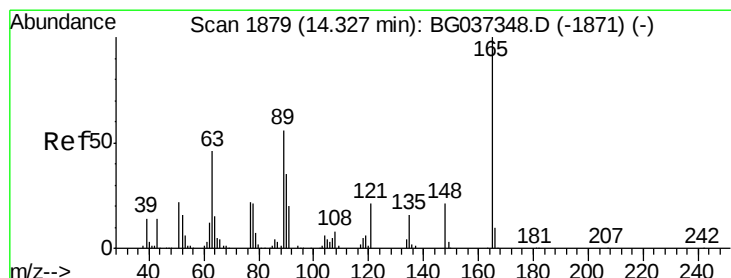
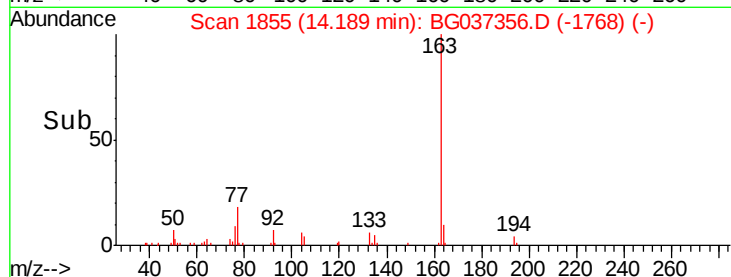
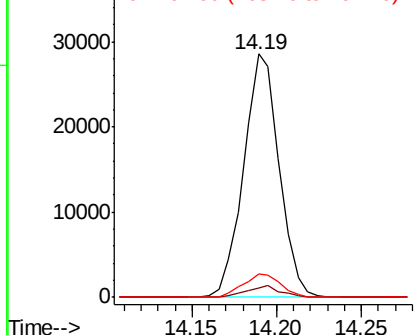


#50
Dimethylphthalate
Concen: 2.491 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	9.6	8.5	12.7

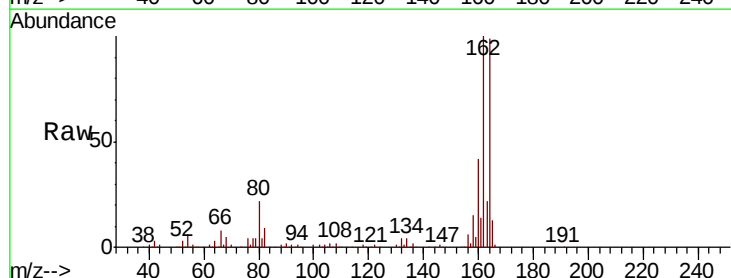


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

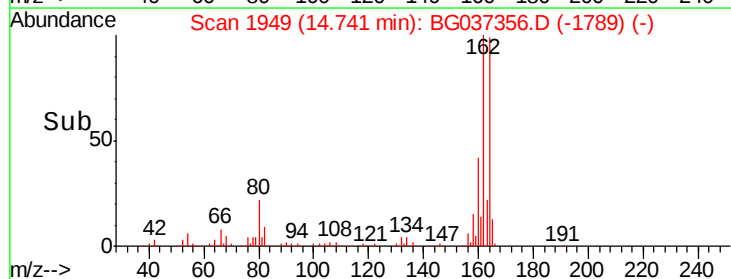
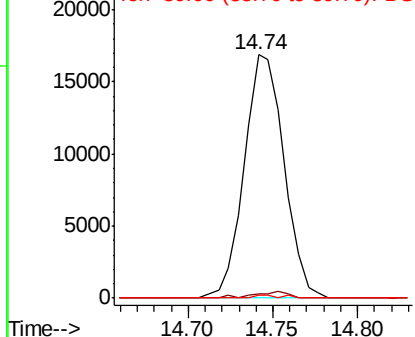


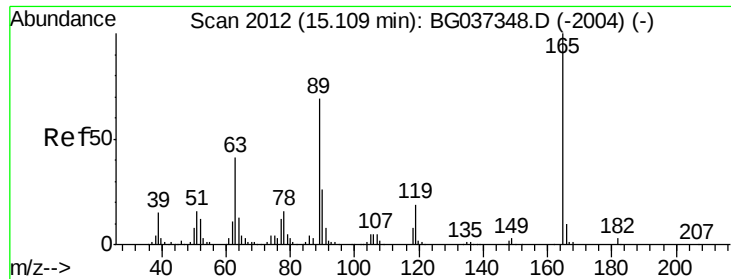
#51
2,6-Dinitrotoluene
Concen: 12.436 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.41 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	43.4	65.2#
89	1.4	45.8	68.6#



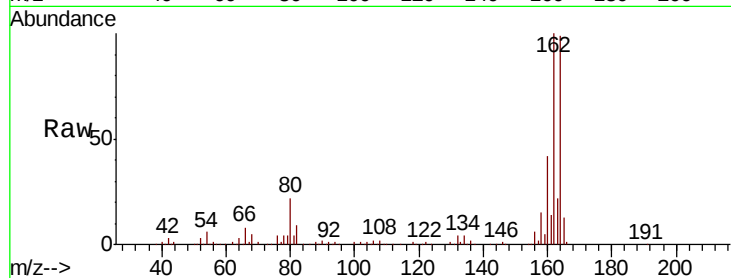
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#57
 2,4-Dinitrotoluene
 Concen: 11.284 ng
 RT: 14.74 min Scan# 1949
 Delta R.T. -0.37 min
 Lab File: BG037356.D
 Acq: 16 Oct 2018 6:56

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



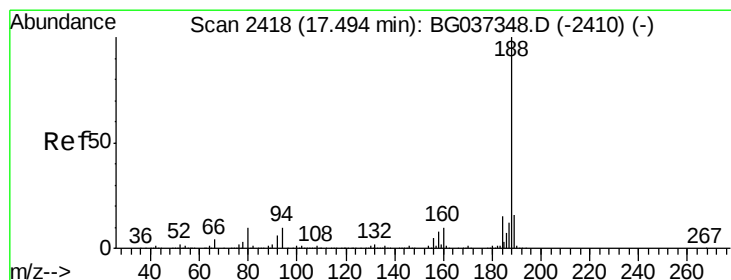
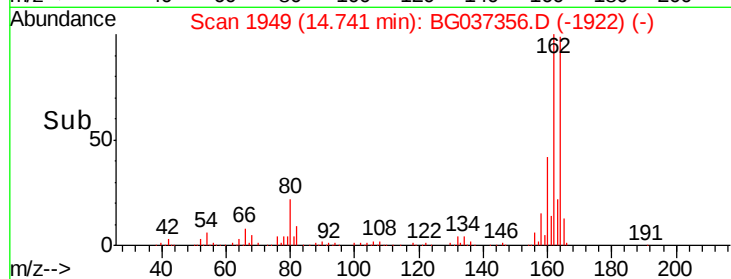
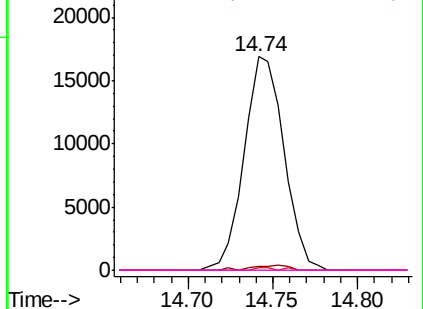
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

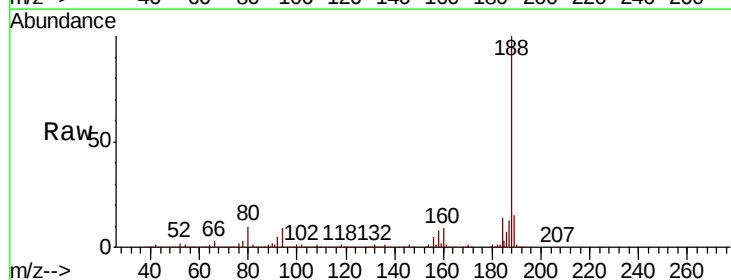
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037356.D
 Acq: 16 Oct 2018 6:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.3	7.7	11.5

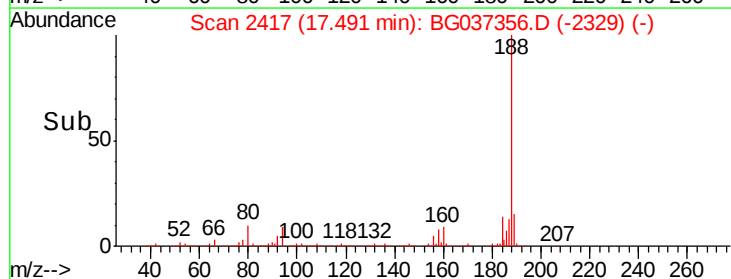
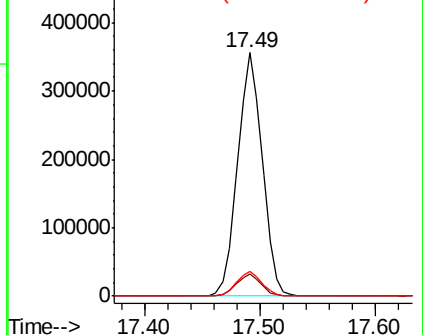


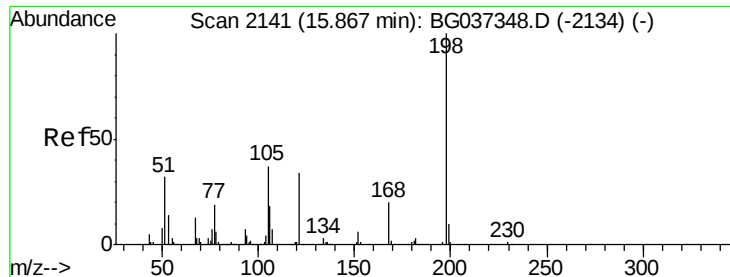
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 6.226 ng

RT: 16.23 min Scan# 2202

Delta R.T. 0.35 min

Lab File: BG037356.D

Acq: 16 Oct 2018 6:56

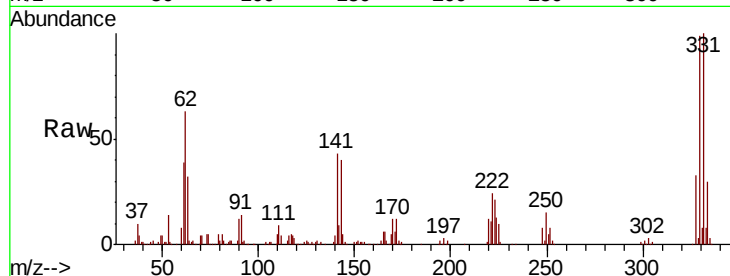
Tot Ion:198 Resp: 530

Ion Ratio Lower Upper

198 100

51 33.7 22.7 62.7

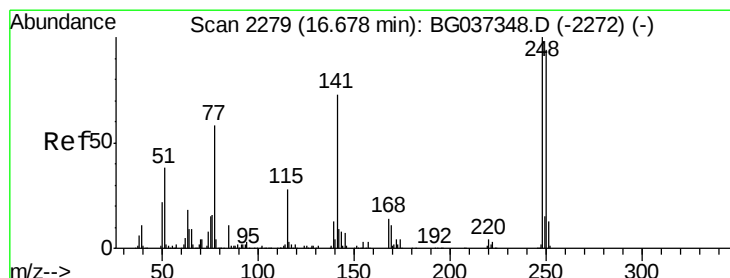
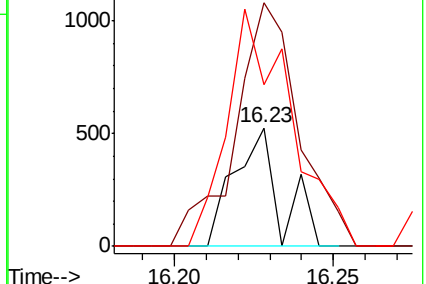
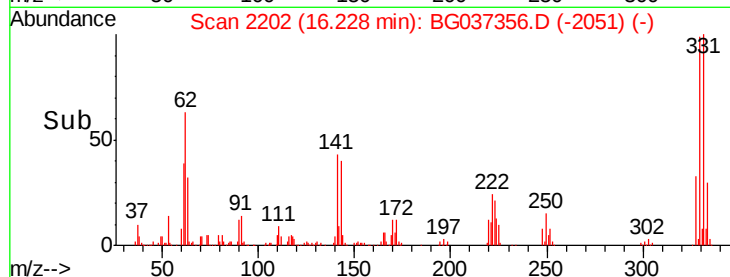
105 22.4 19.7 59.7



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



#67

4-Bromophenyl-phenylether

Concen: 3.187 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.46 min

Lab File: BG037356.D

Acq: 16 Oct 2018 6:56

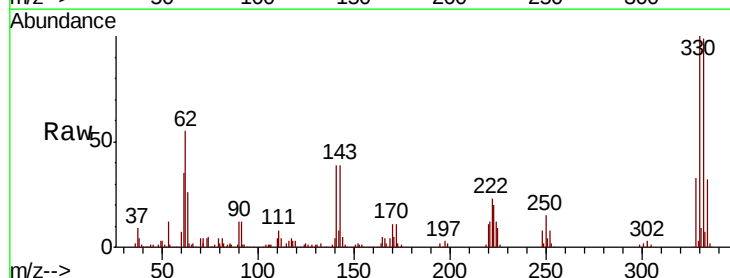
Tgt Ion:248 Resp: 18172

Ion Ratio Lower Upper

248 100

250 188.1 77.0 115.6#

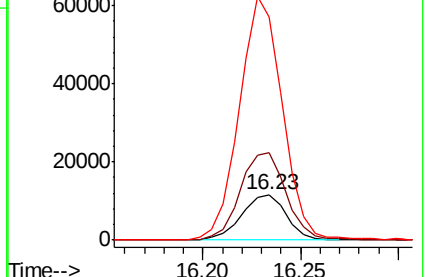
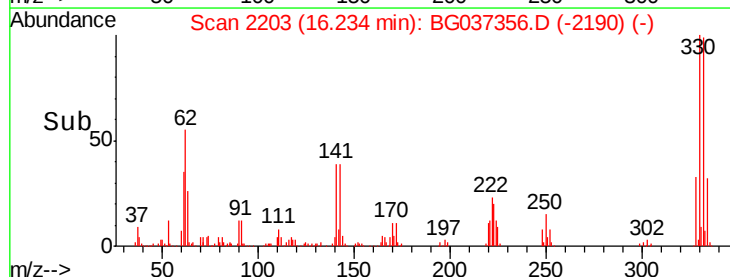
141 373.8 55.5 83.3#

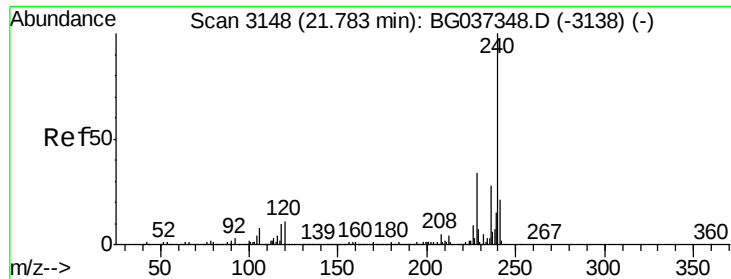


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

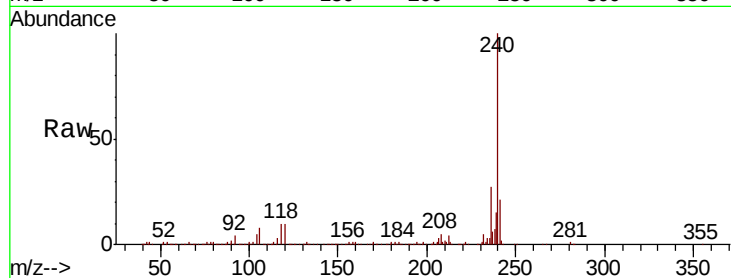
Ion 141.00 (140.70 to 141.70): E



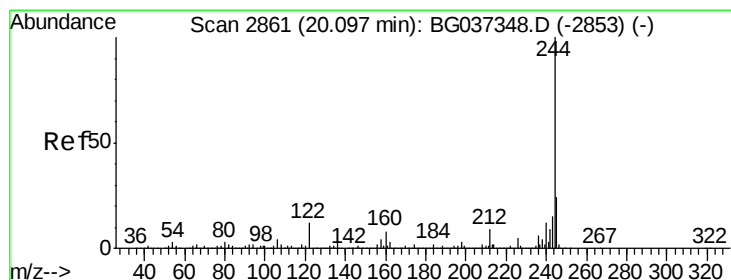
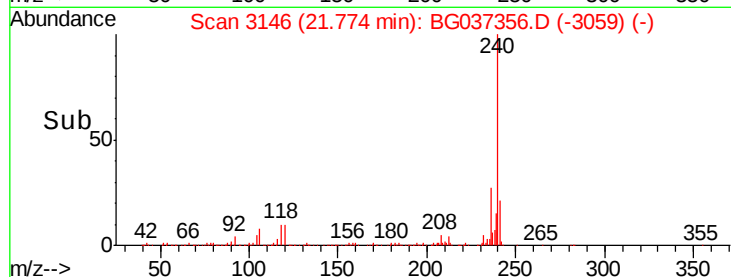
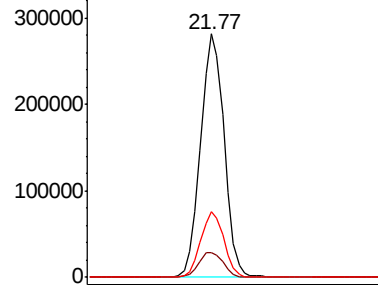


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	27.0	21.4	32.0

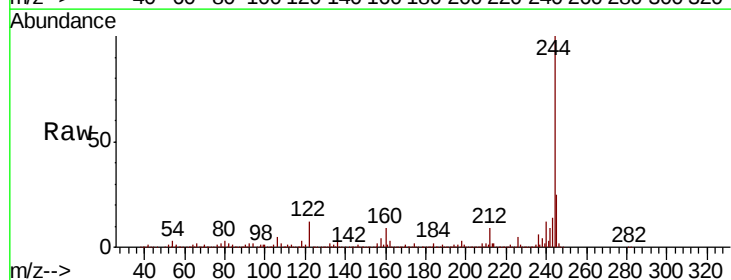


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

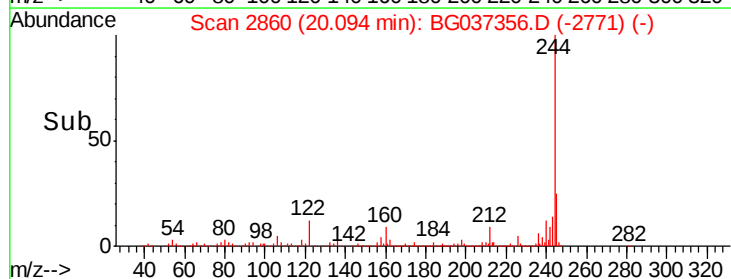
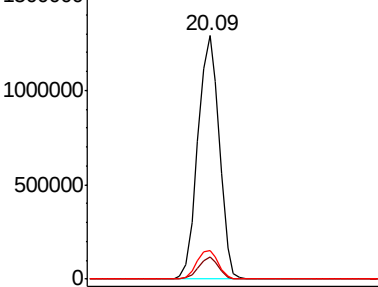


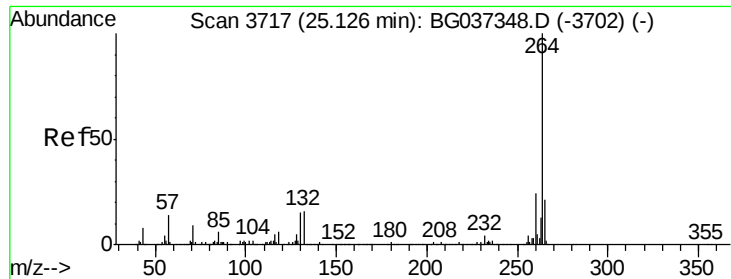
#79
Terphenyl-d14
Concen: 80.792 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037356.D
Acq: 16 Oct 2018 6:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.5	9.7
122	12.0	9.0	13.4



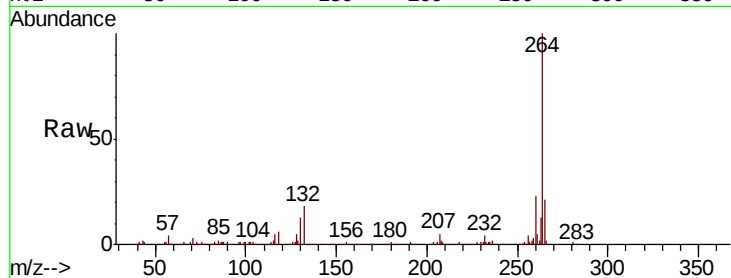
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3715
 Delta R.T. -0.03 min
 Lab File: BG037356.D
 Acq: 16 Oct 2018 6:56

Tot Ion:	264	Resp:	497292
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	20.9	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

