

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037335.D
 Acq On : 15 Oct 2018 16:06
 Operator : JU/SJ
 Sample : PB113828BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

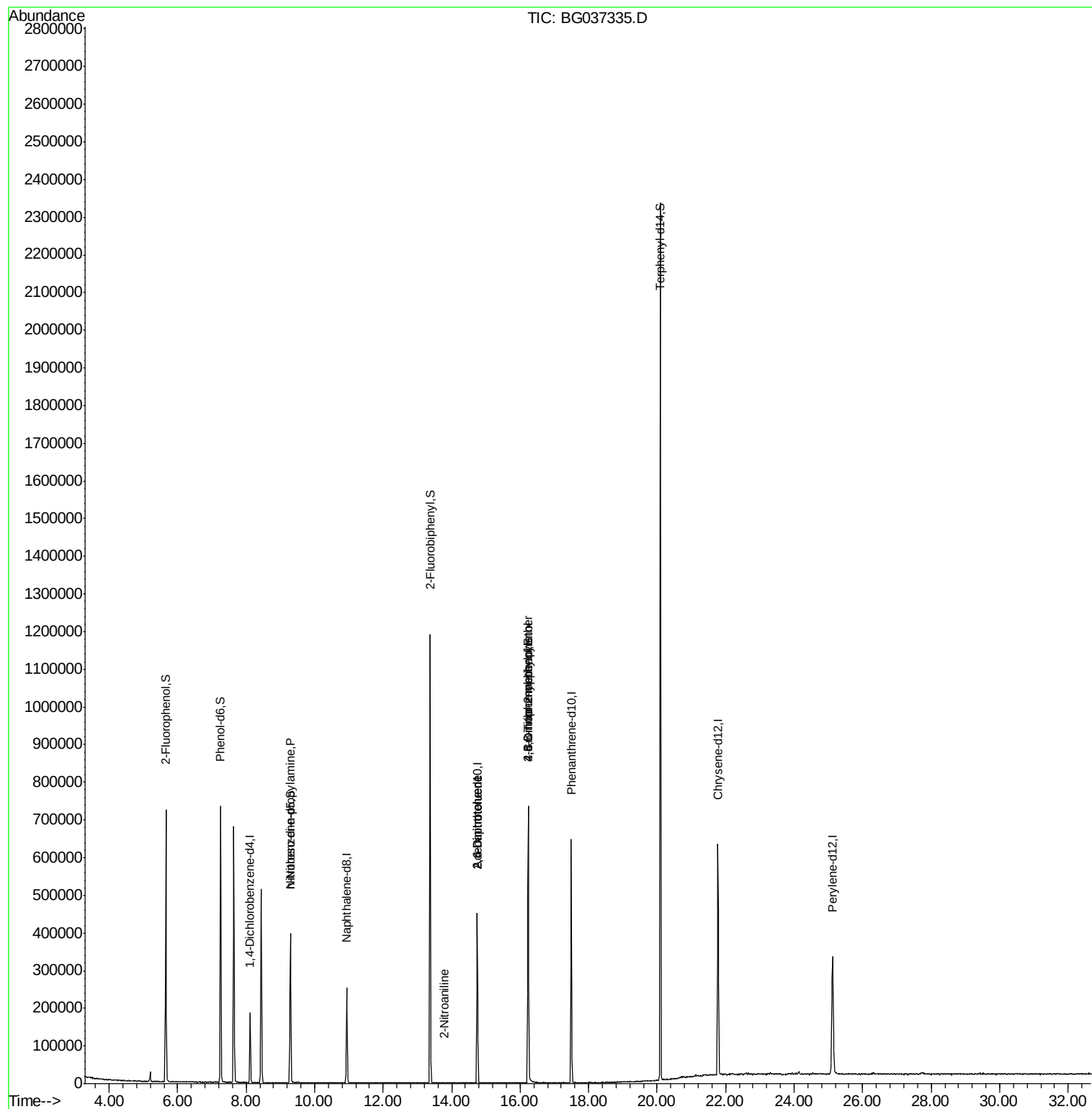
Quant Time: Oct 16 04:15:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

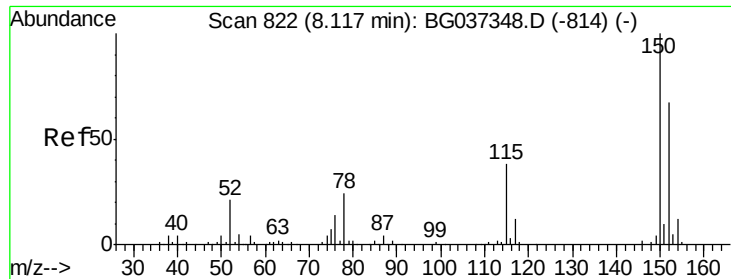
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54666	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	231028	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	156035	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	410560	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	386373	20.00	ng	-0.02
87) Perylene-d12	25.12	264	383968	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	332286	106.98	ng	0.00
7) Phenol-d6	7.25	99	467135	99.08	ng	0.00
23) Nitrobenzene-d5	9.29	82	243909	69.41	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	143244	93.61	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	664413	63.95	ng	0.00
79) Terphenyl-d14	20.09	244	1152257	62.62	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.29	70	29433	8.246	ng	# 73
48) 2-Nitroaniline	13.77	65	54	5.773	ng	# 7
51) 2,6-Dinitrotoluene	14.75	165	19121	12.034	ng	# 27
57) 2,4-Dinitrotoluene	14.75	165	19121	10.970	ng	# 27
65) 4,6-Dinitro-2-methylphenol	16.23	198	323	6.166	ng	81
67) 4-Bromophenyl-phenylether	16.23	248	10277	2.319	ng	# 1

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

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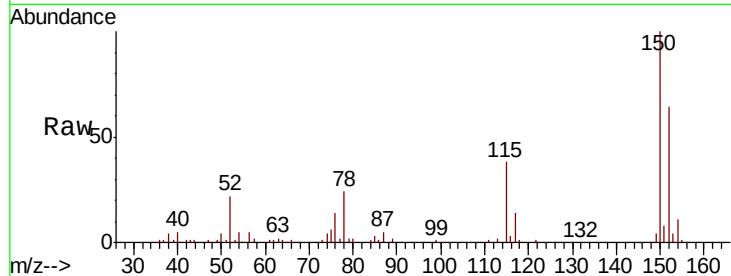




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tot Ion	152	Resp	54666
Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.0	189.0
115	59.1	45.5	68.3

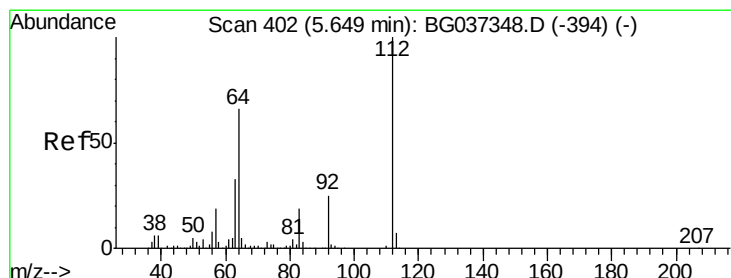
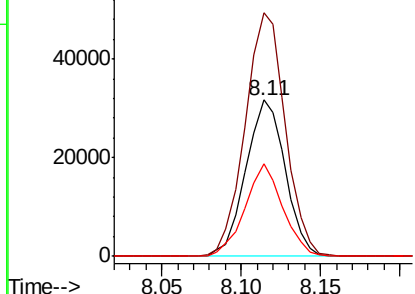
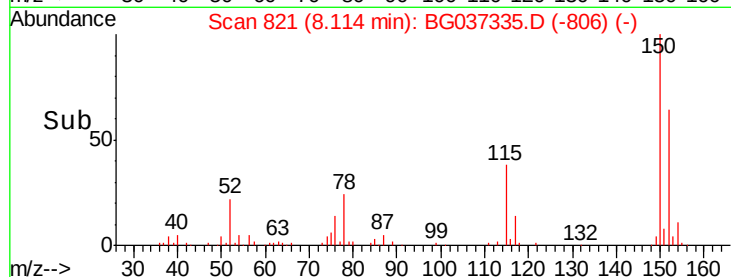


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

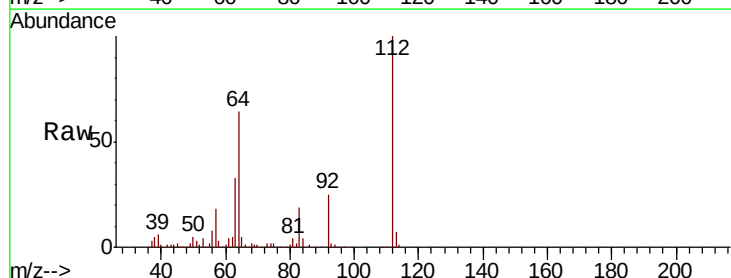
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.975 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tgt Ion	112	Resp	332286
Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.1	79.7
63	32.9	27.3	40.9

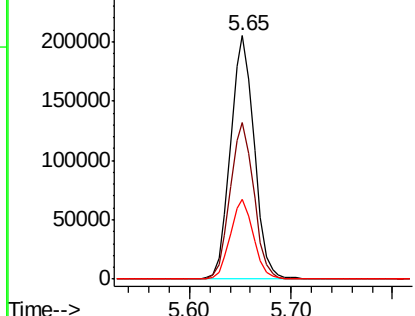
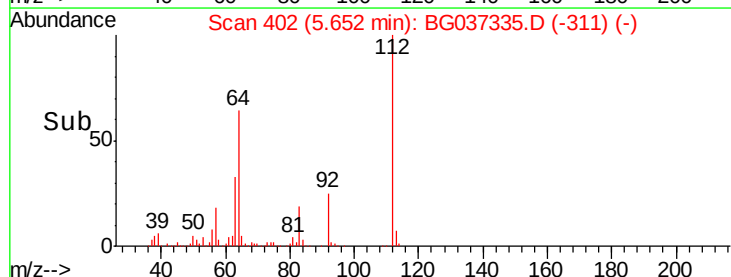


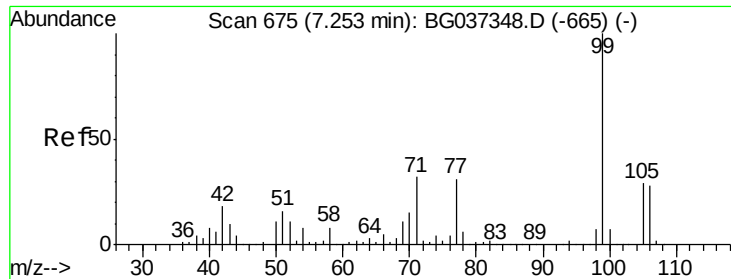
Abundance

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: 99.081 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

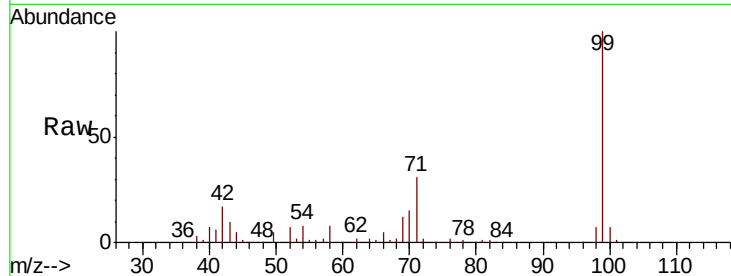
Tot Ion: 99 Resp: 467135

Ion Ratio Lower Upper

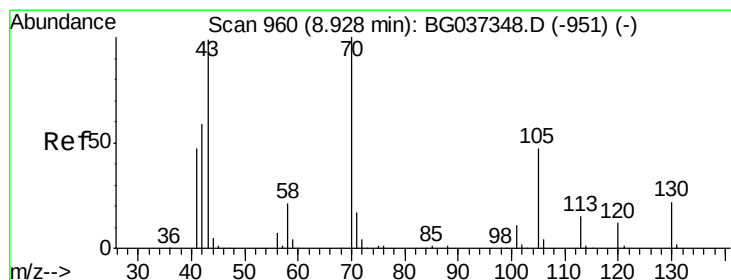
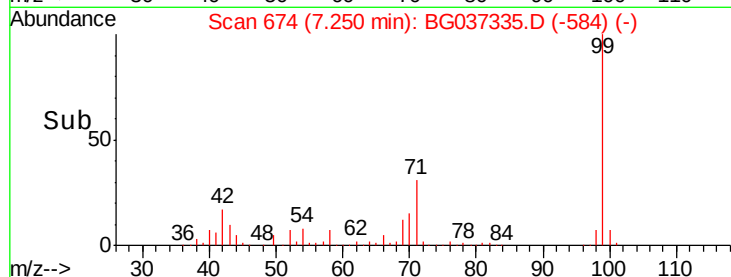
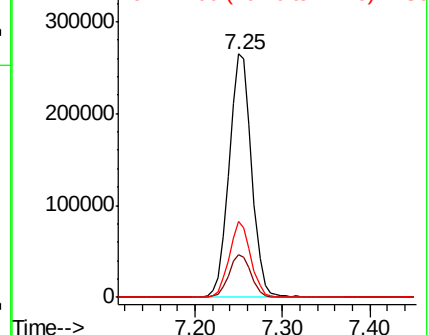
99 100

42 17.3 15.0 22.4

71 30.9 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: 8.246 ng

RT: 9.29 min Scan# 1021

Delta R.T. 0.36 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

Tgt Ion: 70 Resp: 29433

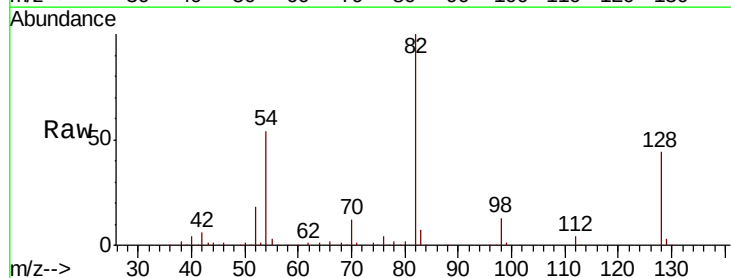
Ion Ratio Lower Upper

70 100

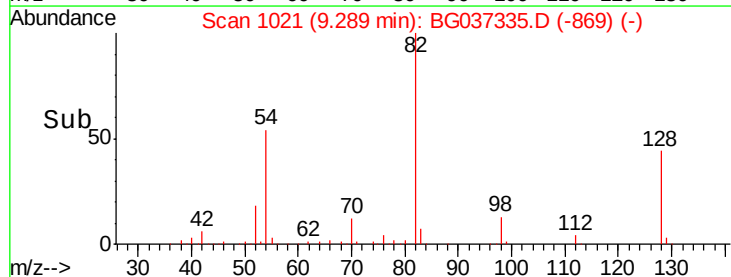
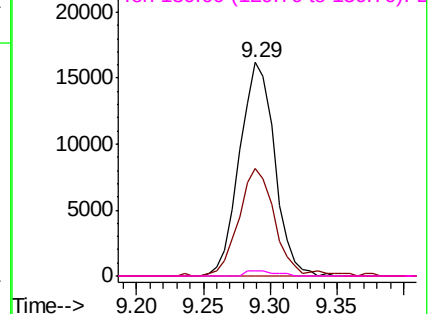
42 50.4 53.9 80.9#

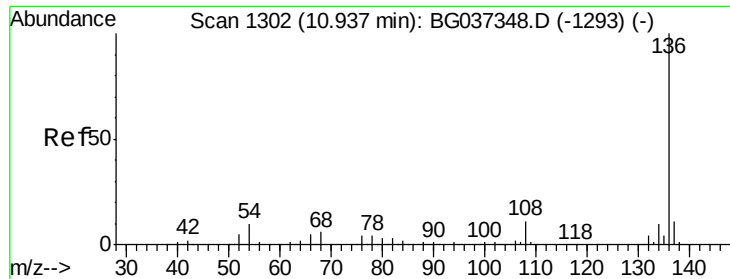
101 0.0 8.2 12.2#

130 2.3 18.2 27.4#



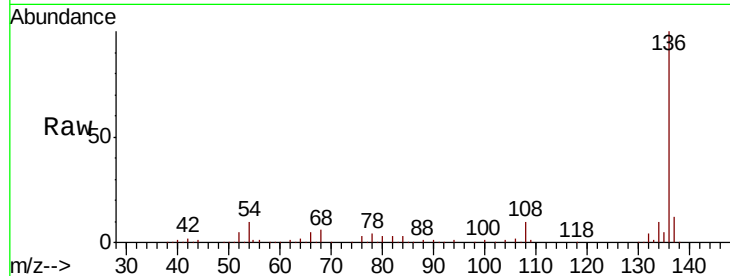
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



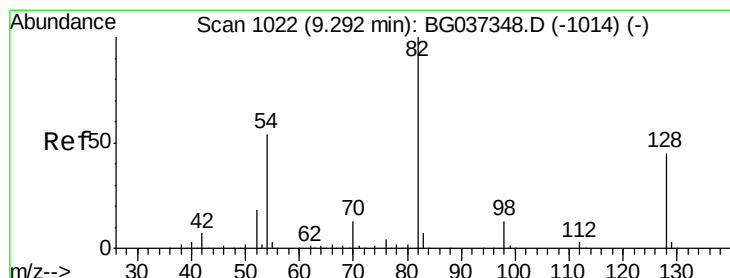
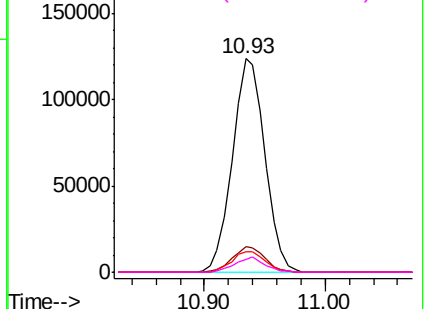
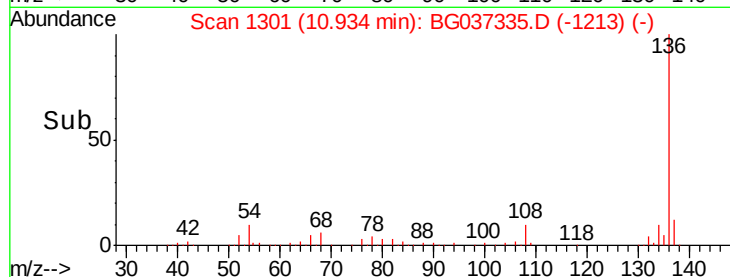


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tot Ion:136	Resp: 231028
Ion Ratio	Lower Upper
136 100	
137 12.0	9.6 14.4
54 9.6	7.9 11.9
68 5.8	4.8 7.2

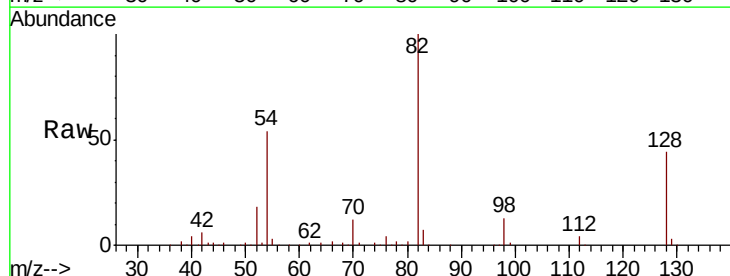


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

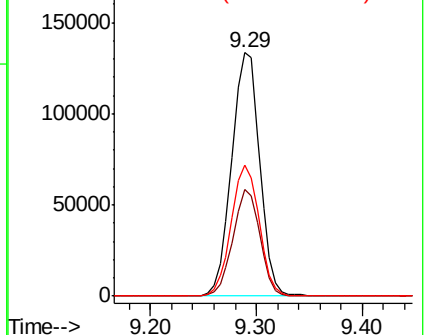
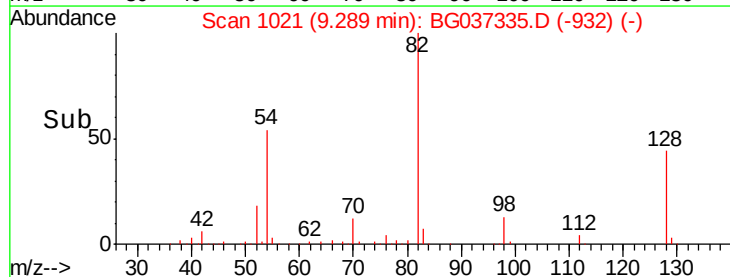


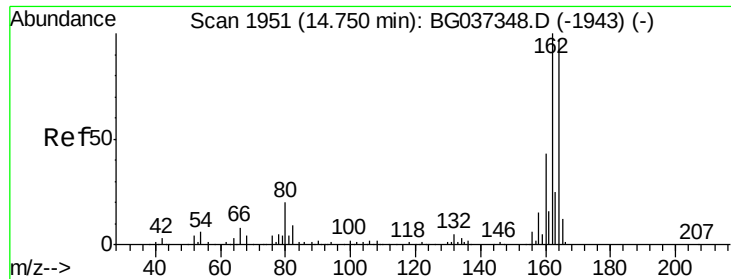
#23
Nitrobenzene-d5
Concen: 69.410 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tgt	Ion: 82	Resp:	243909
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	54.0	45.3	67.9



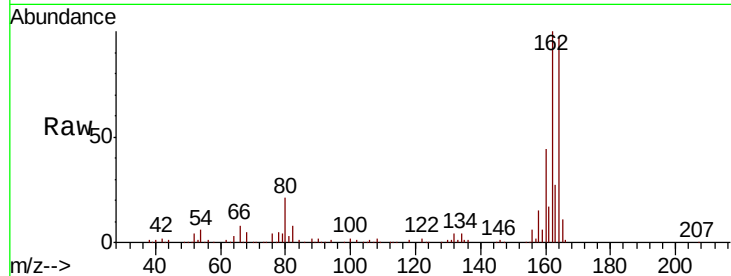
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



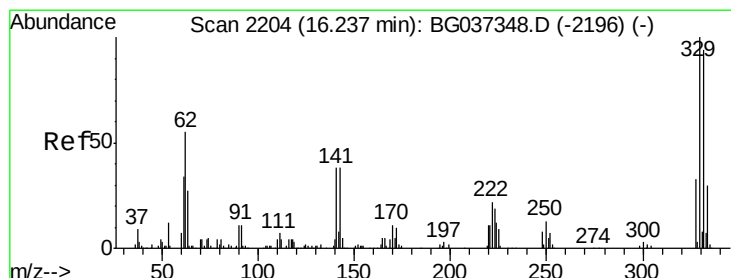
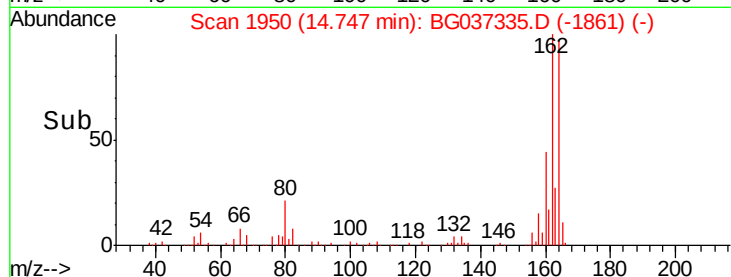
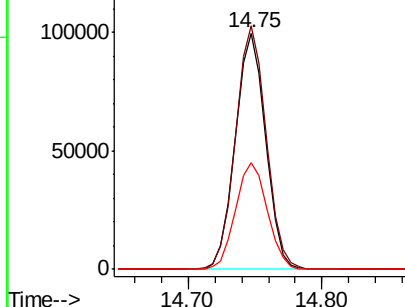


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.3	121.9
160	45.3	36.3	54.5

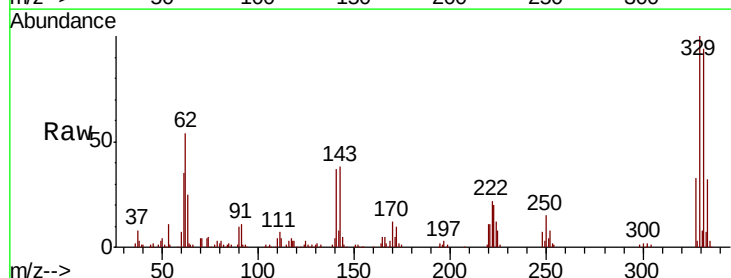


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

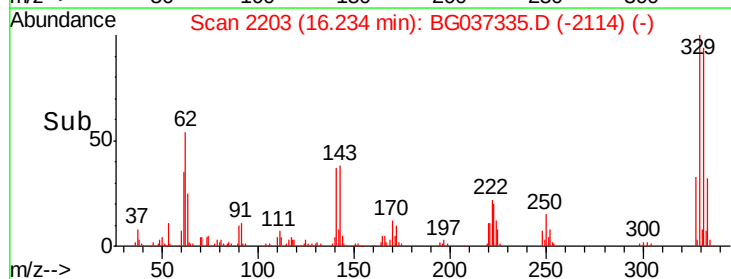
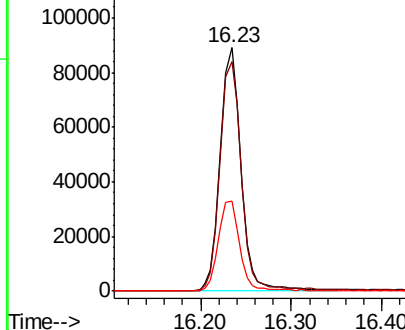


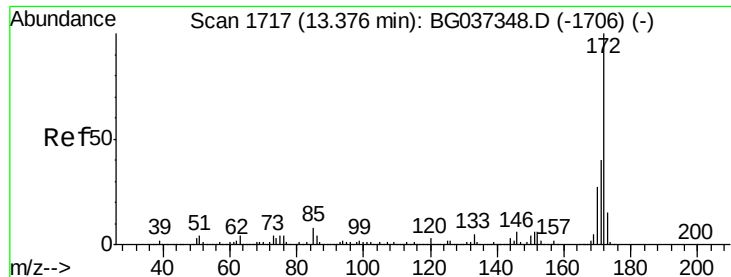
#42
2,4,6-Tribromophenol
Concen: 93.607 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	38.2	32.2	48.2



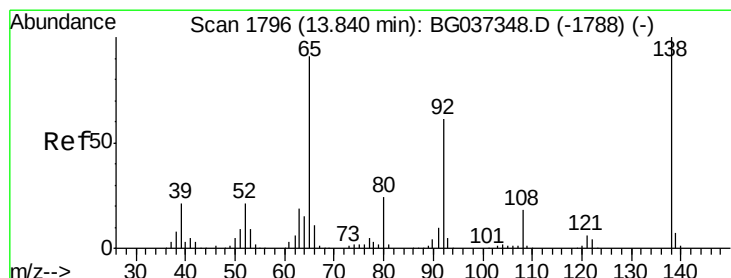
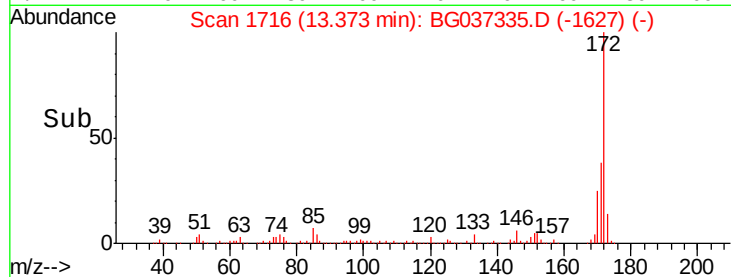
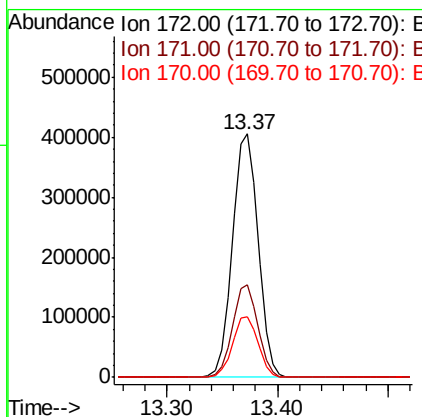
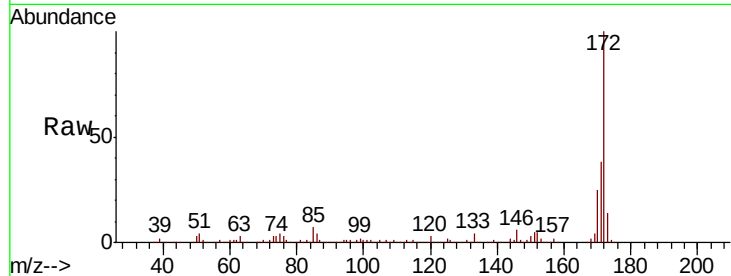
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





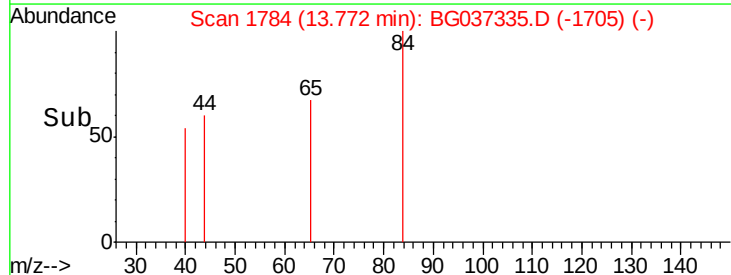
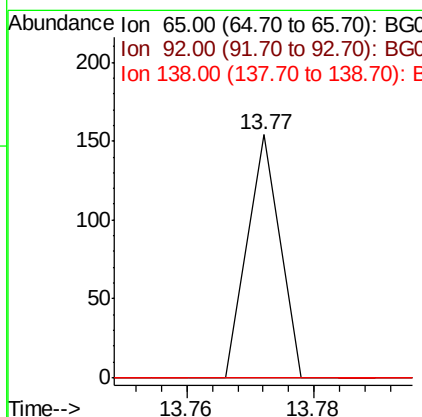
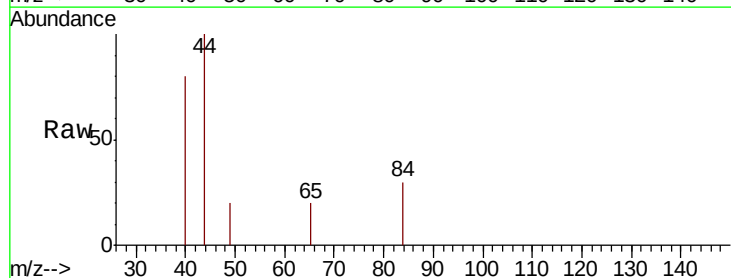
#45
 2-Fluorobiphenyl
 Concen: 63.947 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037335.D
 Acq: 15 Oct 2018 16:06

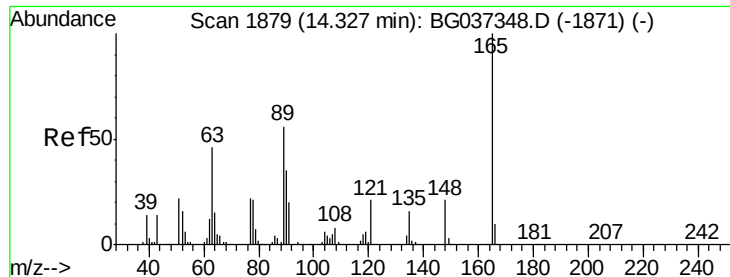
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.9	20.2	30.2



#48
 2-Nitroaniline
 Concen: 5.773 ng
 RT: 13.77 min Scan# 1784
 Delta R.T. -0.07 min
 Lab File: BG037335.D
 Acq: 15 Oct 2018 16:06

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





#51

2,6-Dinitrotoluene

Concen: 12.034 ng

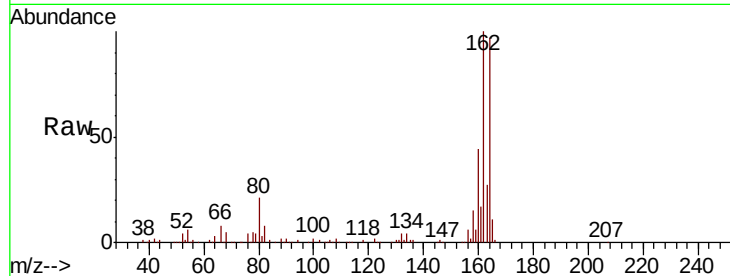
RT: 14.75 min Scan# 1950

Delta R.T. 0.41 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

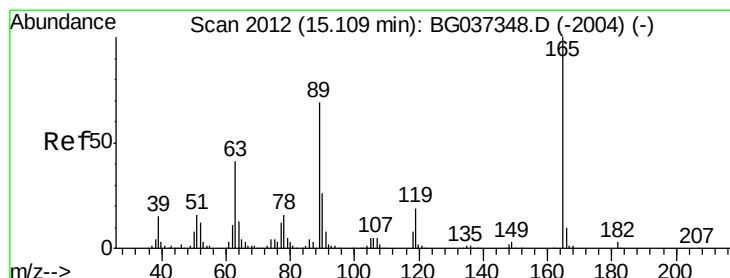
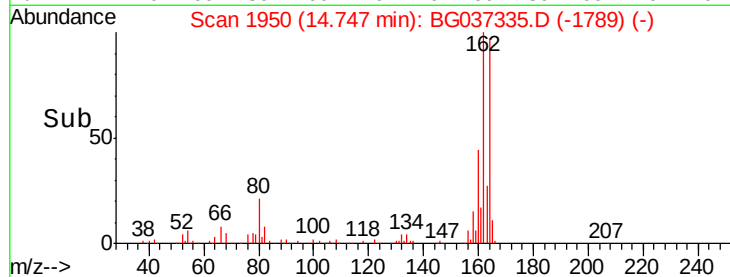
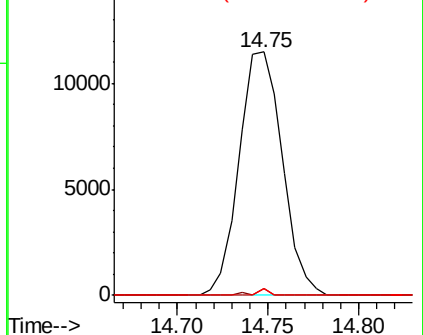
Tot Ion:	165	Resp:	19121
Ion	Ratio	Lower	Upper
165	100		
63	2.6	43.4	65.2#
89	2.8	45.8	68.6#



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: 10.970 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.37 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

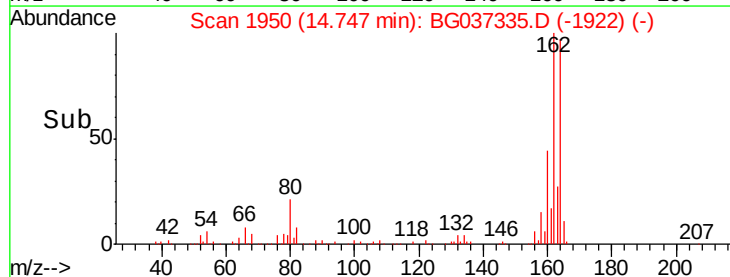
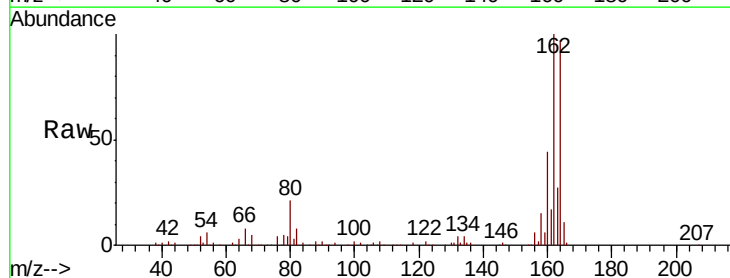
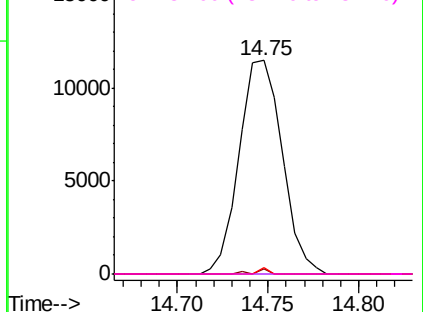
Tgt Ion:	165	Resp:	19121
Ion	Ratio	Lower	Upper
165	100		
63	2.6	33.4	50.0#
89	2.8	57.2	85.8#
182	0.0	2.6	4.0#

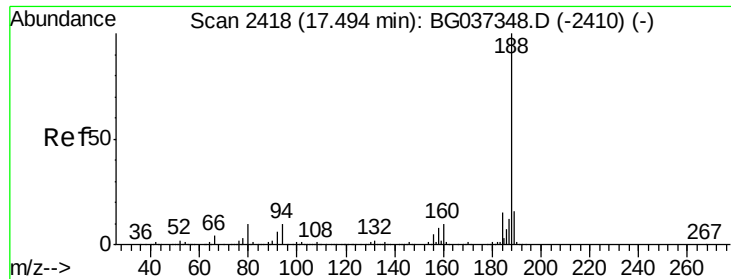
Abundance Ion 165.00 (164.70 to 165.70): E

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# 2417

Delta R.T. -0.02 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

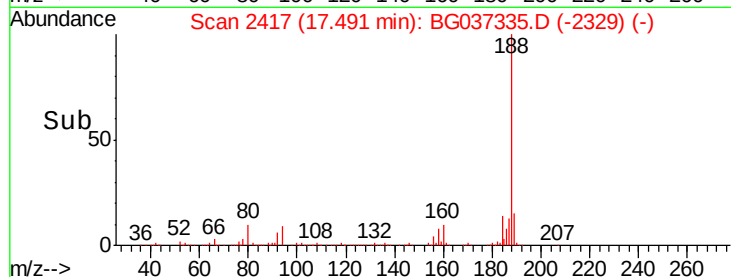
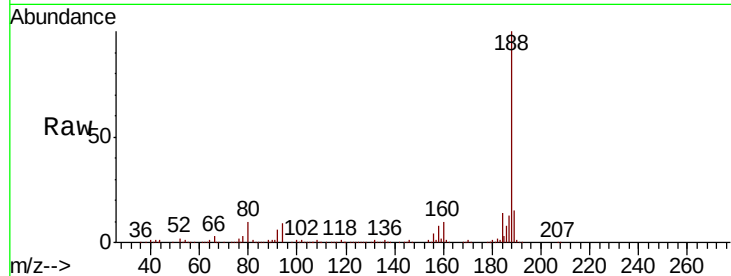
Tot Ion:188 Resp: 410560

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

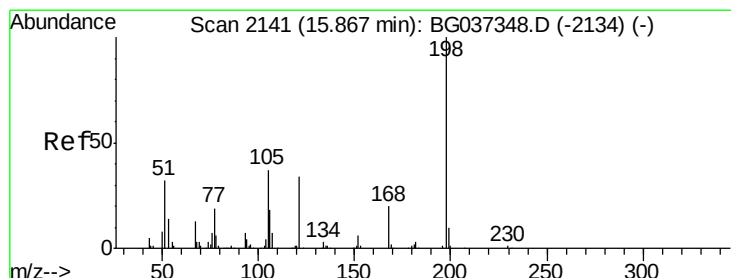
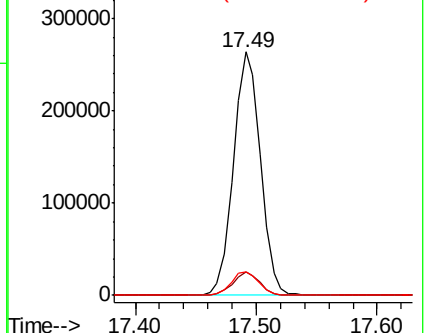
80 9.8 7.7 11.5



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: 6.166 ng

RT: 16.23 min Scan# 2203

Delta R.T. 0.36 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

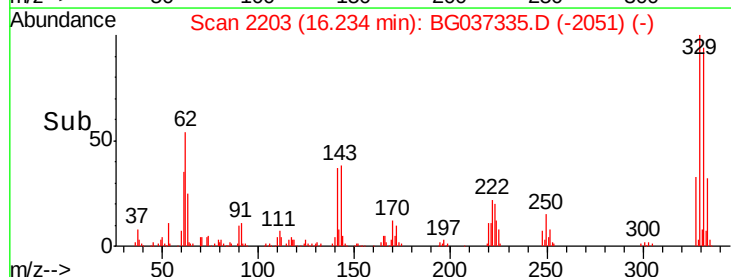
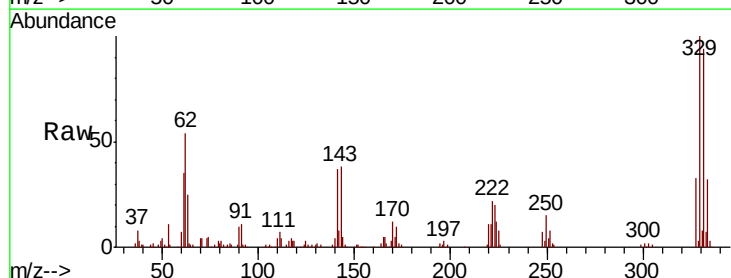
Tgt Ion:198 Resp: 323

Ion Ratio Lower Upper

198 100

51 35.8 22.7 62.7

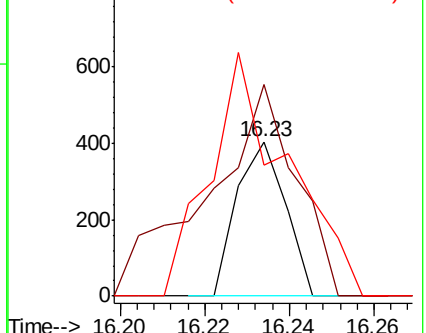
105 22.1 19.7 59.7

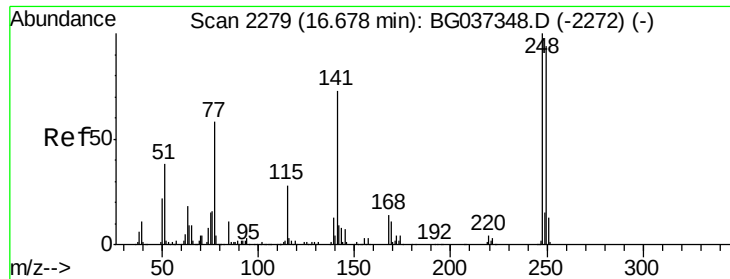


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

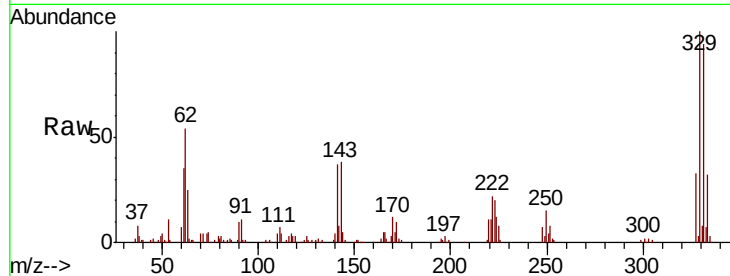
Ion 105.00 (104.70 to 105.70): E



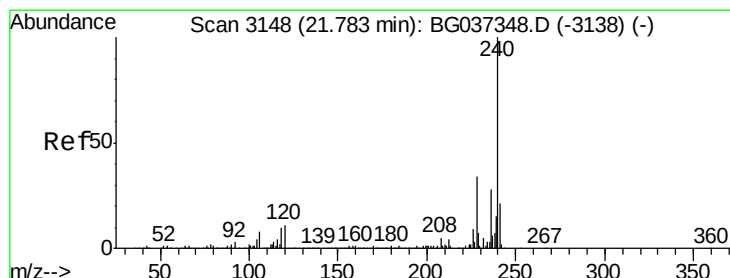
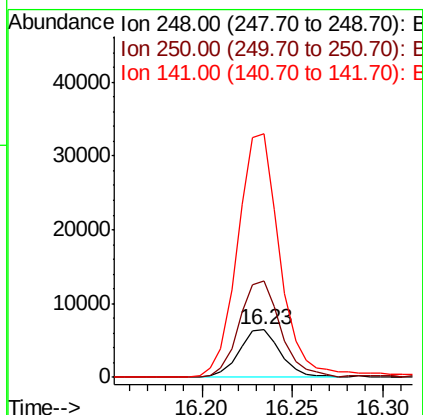
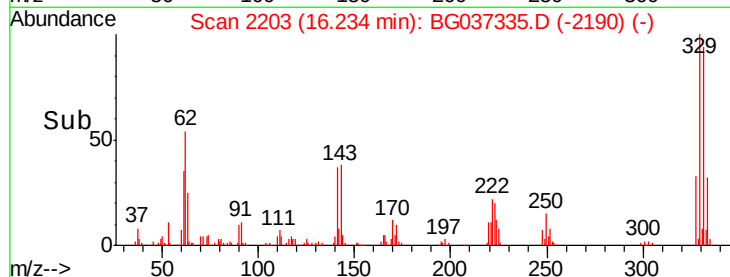


#67
4-Bromophenyl-phenylether
Concen: 2.319 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tot Ion:248 Resp: 10277
Ion Ratio Lower Upper
248 100
250 258.1 77.0 115.6#
141 515.1 55.5 83.3#

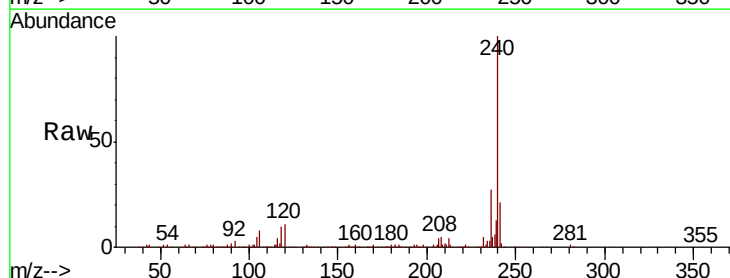


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

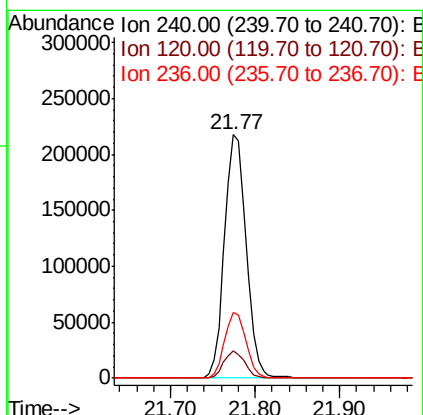
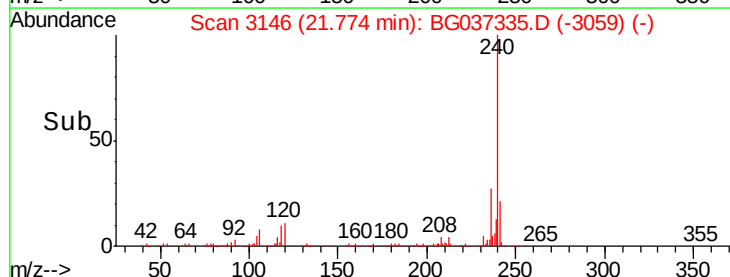


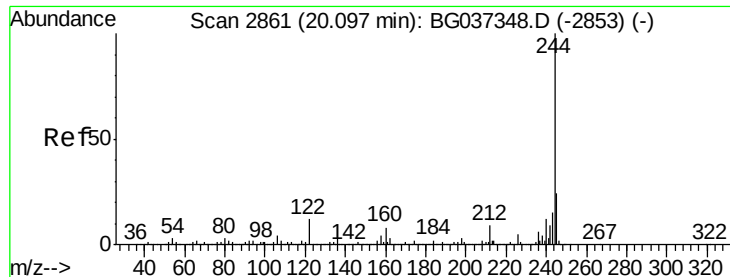
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037335.D
Acq: 15 Oct 2018 16:06

Tgt Ion:240 Resp: 386373
Ion Ratio Lower Upper
240 100
120 11.3 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: 62.620 ng

RT: 20.09 min Scan# 2860

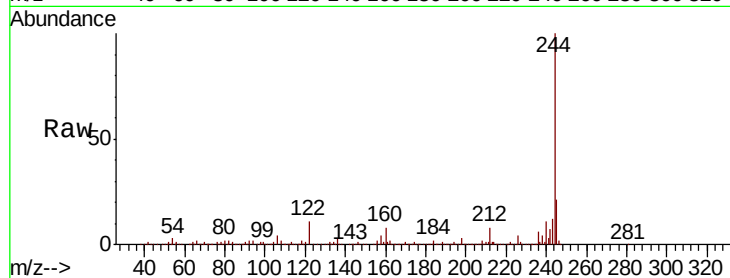
Delta R.T. -0.01 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

Tot Ion:244 Resp: 1152257

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.8	9.0	13.4

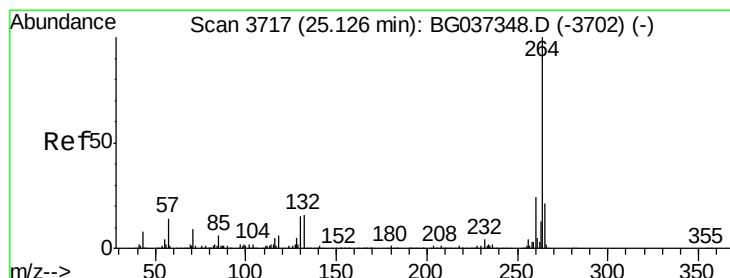
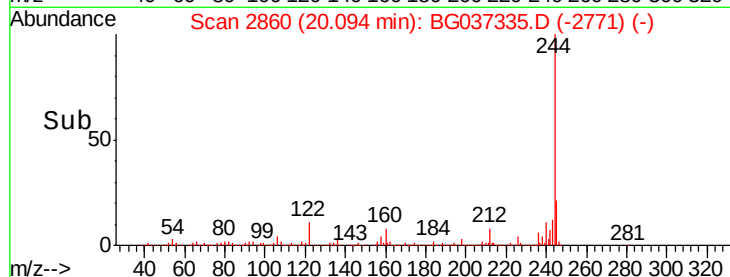
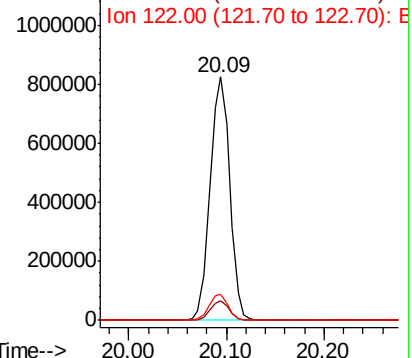


Abundance

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# 3715

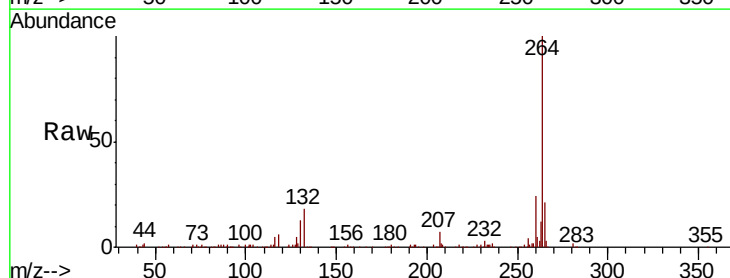
Delta R.T. -0.03 min

Lab File: BG037335.D

Acq: 15 Oct 2018 16:06

Tgt Ion:264 Resp: 383968

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.2	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

