

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037341.D
 Acq On : 15 Oct 2018 19:59
 Operator : JU/SJ
 Sample : J5511-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

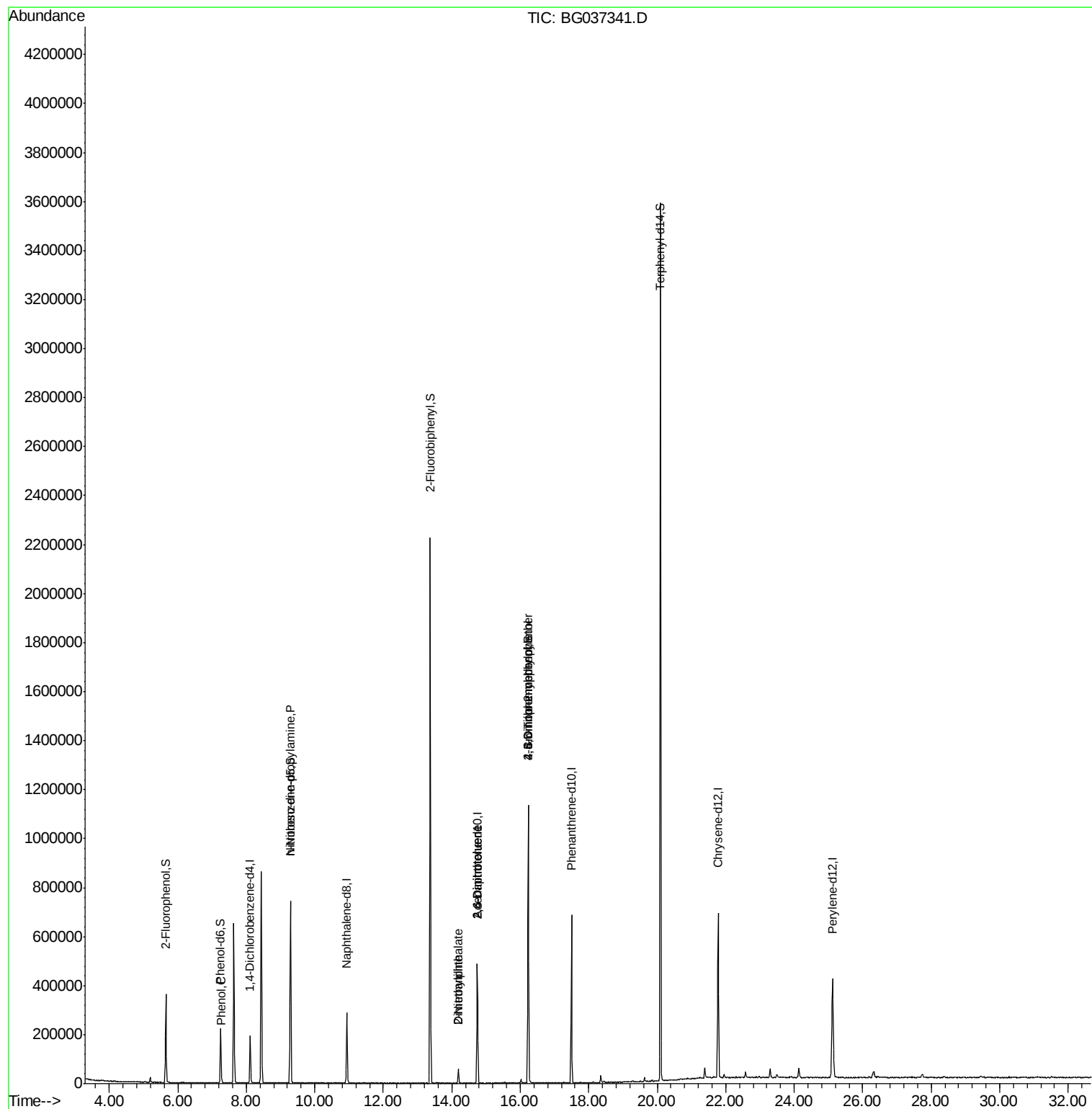
Quant Time: Oct 16 04:17:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

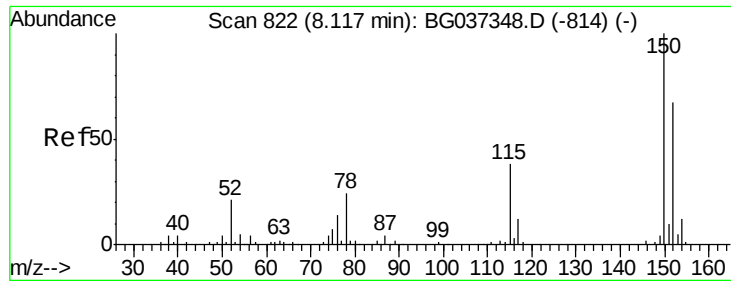
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	56722	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	258821	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	175352	20.00	ng	-0.01
64) Phenanthrene-d10	17.50	188	441701	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	411052	20.00	ng	-0.02
87) Perylene-d12	25.12	264	411933	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	168664	52.33	ng	0.00
7) Phenol-d6	7.25	99	142787	29.19	ng	0.00
23) Nitrobenzene-d5	9.29	82	461381	117.20	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	202430	117.71	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1177023	100.80	ng	-0.01
79) Terphenyl-d14	20.09	244	1717893	87.75	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	10550	2.048	ng	94
19) n-Nitroso-di-n-propylamine	9.29	70	58061	15.676	ng	# 72
48) 2-Nitroaniline	14.19	65	347	5.858	ng	# 1
50) Dimethylphthalate	14.19	163	38609	2.802	ng	# 94
51) 2,6-Dinitrotoluene	14.75	165	23542	12.724	ng	# 23
57) 2,4-Dinitrotoluene	14.75	165	23542	11.509	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.23	198	581	6.314	ng	75
67) 4-Bromophenyl-phenylether	16.23	248	14631	3.069	ng	# 1

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

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ALS Vial : 13 Sample Multiplier: 1

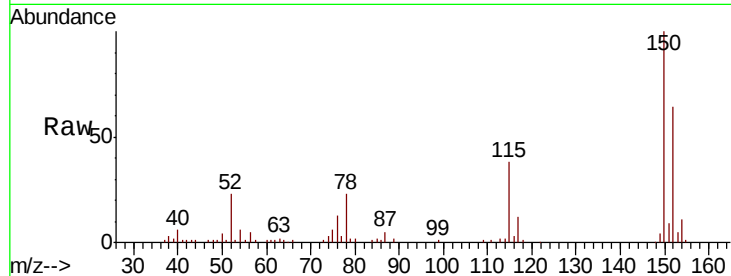
Quant Time: Oct 16 04:17:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
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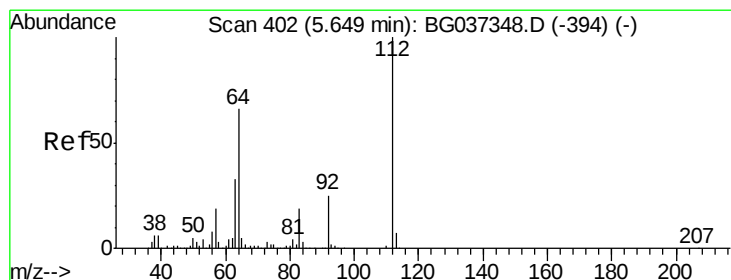
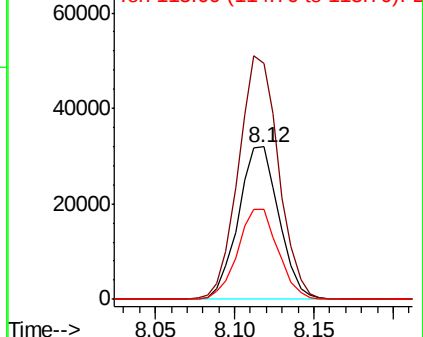
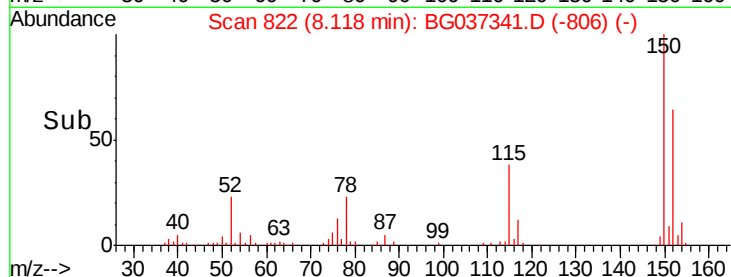


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG037341.D
 Acq: 15 Oct 2018 19:59

Tot Ion:152 Resp: 56722
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.0 189.0
 115 59.3 45.5 68.3

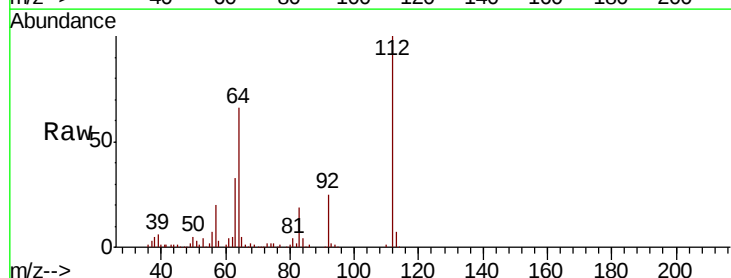


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

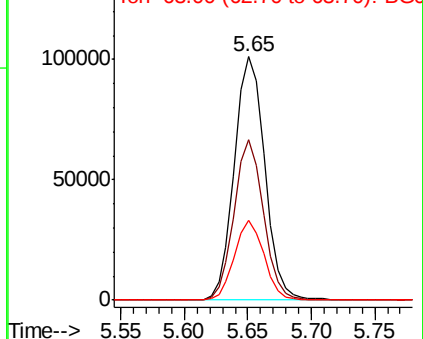
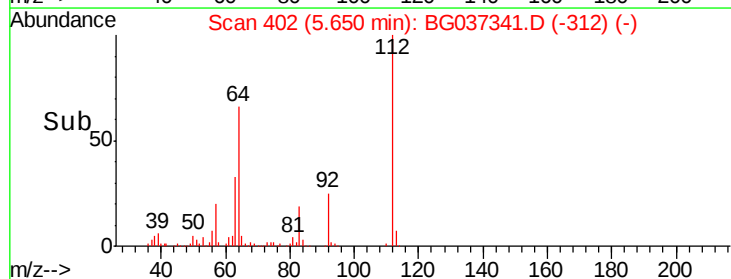


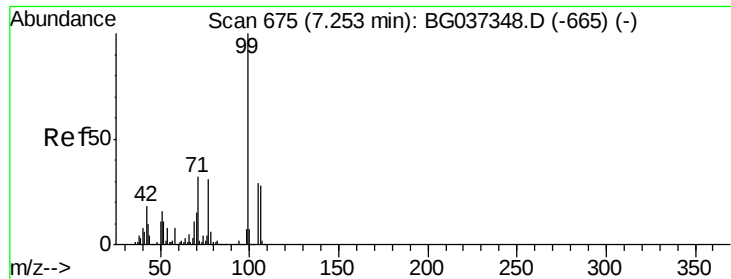
#5
 2-Fluorophenol
 Concen: 52.331 ng
 RT: 5.65 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BG037341.D
 Acq: 15 Oct 2018 19:59

Tgt Ion:112 Resp: 168664
 Ion Ratio Lower Upper
 112 100
 64 65.8 53.1 79.7
 63 32.5 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: 29.188 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037341.D

Acq: 15 Oct 2018 19:59

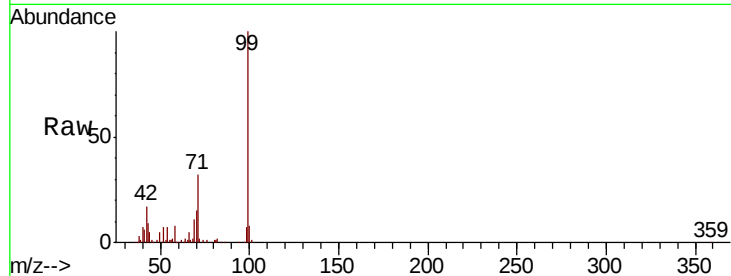
Tot Ion: 99 Resp: 142787

Ion Ratio Lower Upper

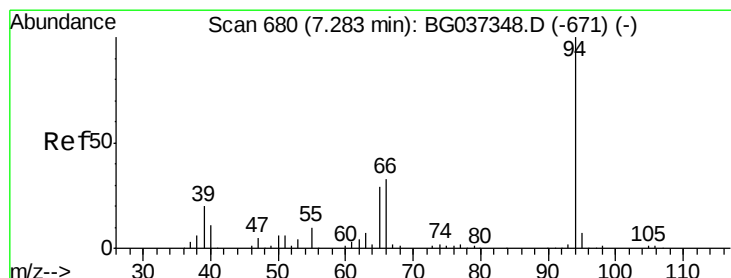
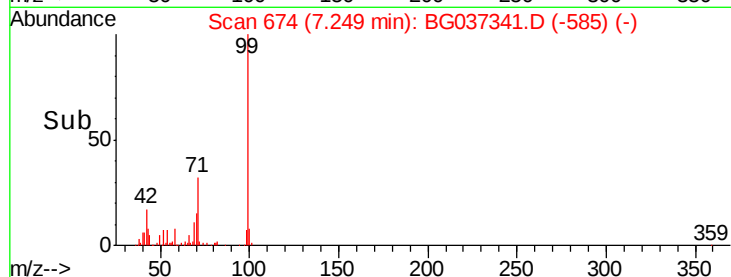
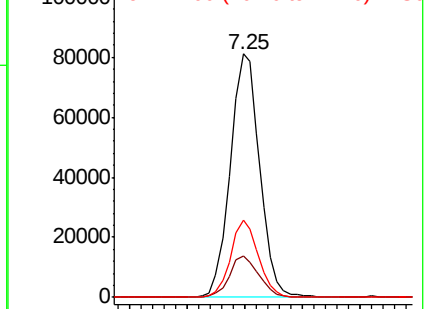
99 100

42 16.8 15.0 22.4

71 31.6 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



#10

Phenol

Concen: 2.048 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037341.D

Acq: 15 Oct 2018 19:59

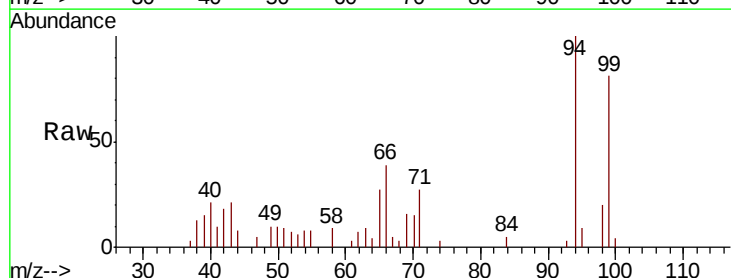
Tgt Ion: 94 Resp: 10550

Ion Ratio Lower Upper

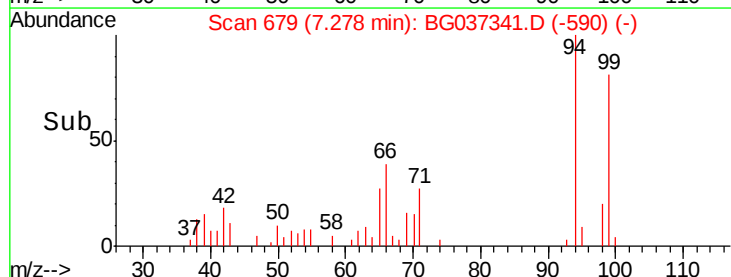
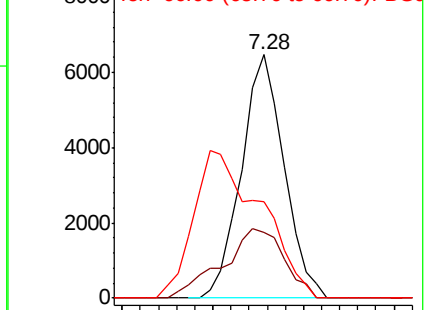
94 100

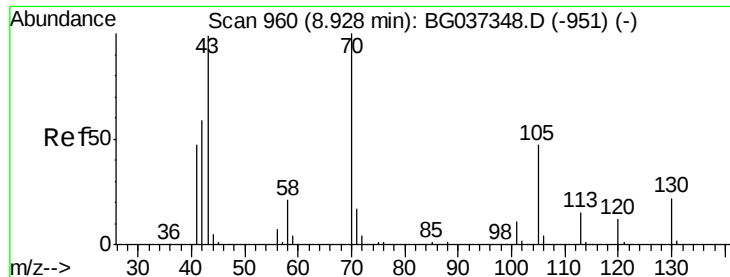
65 27.0 9.7 49.7

66 39.4 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 15.676 ng

RT: 9.29 min Scan# 1022

Delta R.T. 0.36 min

Lab File: BG037341.D

Acq: 15 Oct 2018 19:59

Tot Ion: 70 Resp: 58061

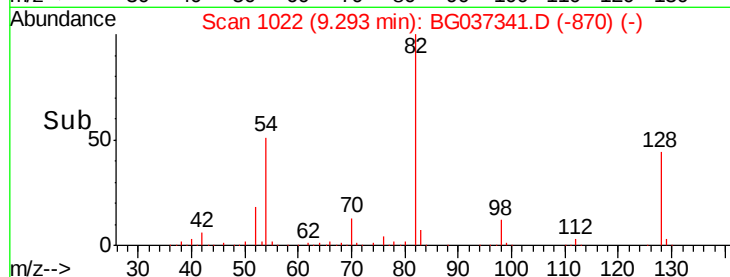
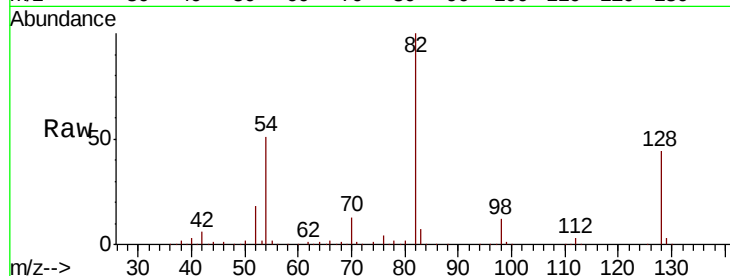
Ion Ratio Lower Upper

70 100

42 48.2 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 18.2 27.4#

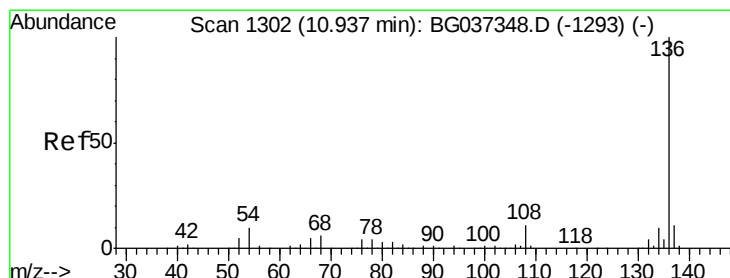
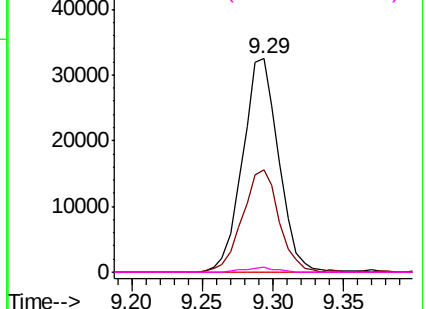


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.94 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BG037341.D

Acq: 15 Oct 2018 19:59

Tgt Ion: 136 Resp: 258821

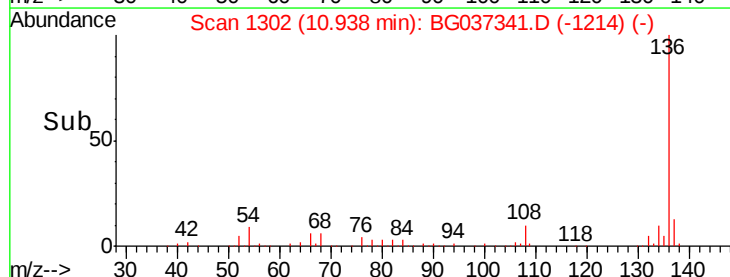
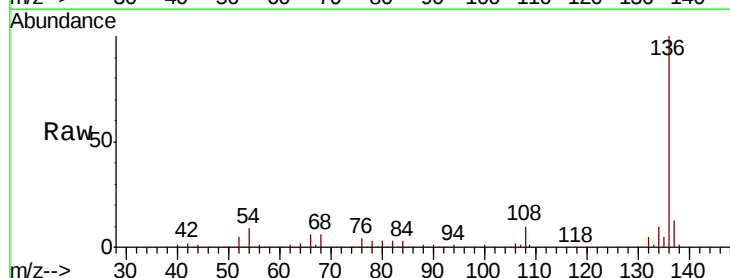
Ion Ratio Lower Upper

136 100

137 12.7 9.6 14.4

54 9.1 7.9 11.9

68 6.5 4.8 7.2

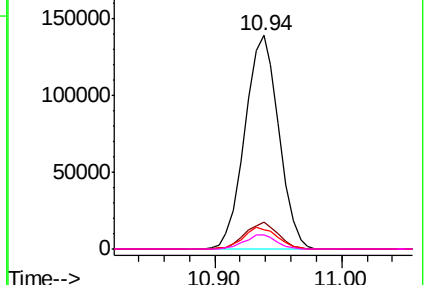


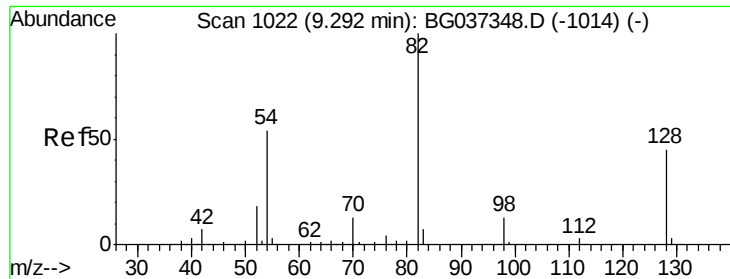
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

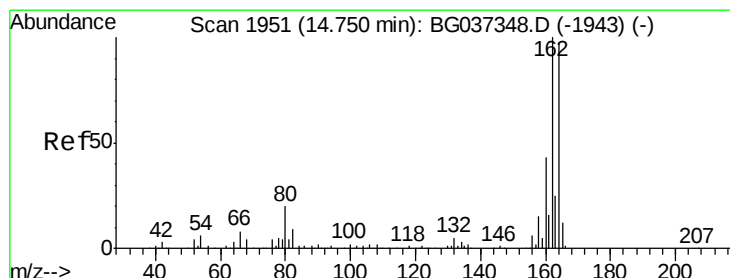
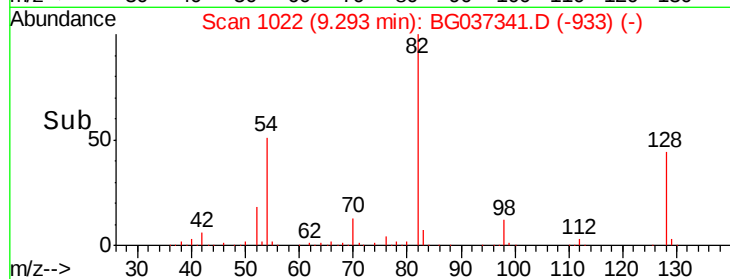
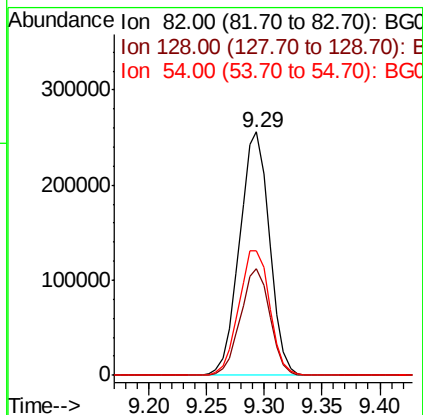
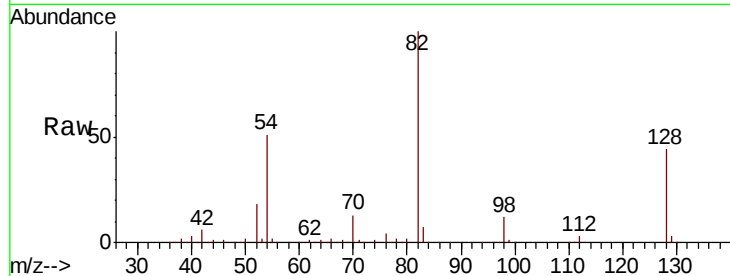
Ion 68.00 (67.70 to 68.70): BGC





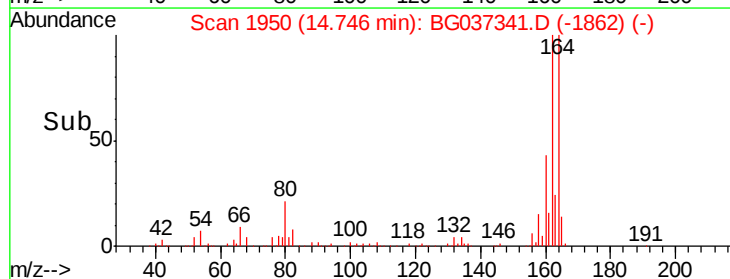
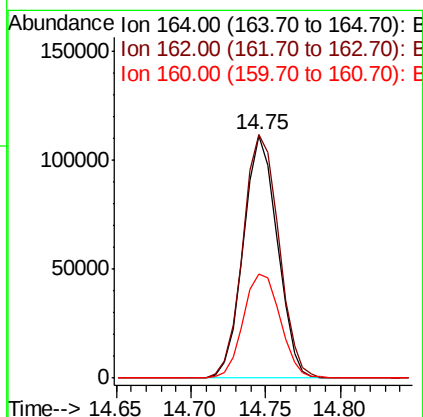
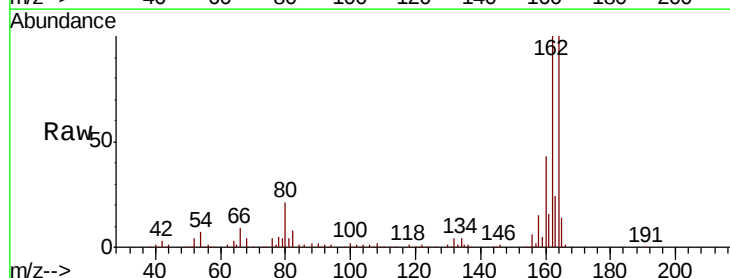
#23
 Nitrobenzene-d5
 Concen: 117.198 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG037341.D
 Acq: 15 Oct 2018 19:59

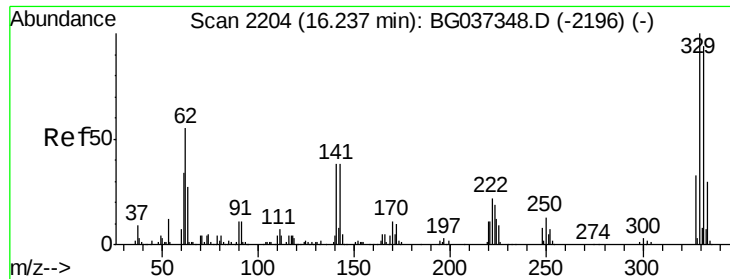
Tot Ion:	82	Resp:	461381
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	51.3	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037341.D
 Acq: 15 Oct 2018 19:59

Tgt Ion:	164	Resp:	175352
Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.3	121.9
160	43.0	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 117.711 ng

RT: 16.23 min Scan# 2203

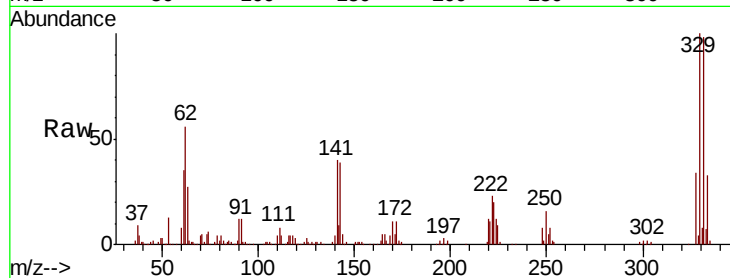
Delta R.T. -0.01 min

Lab File: BG037341.D

Acq: 15 Oct 2018 19:59

Tot Ion:330 Resp: 202430

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.4	117.6
141	39.6	32.2	48.2

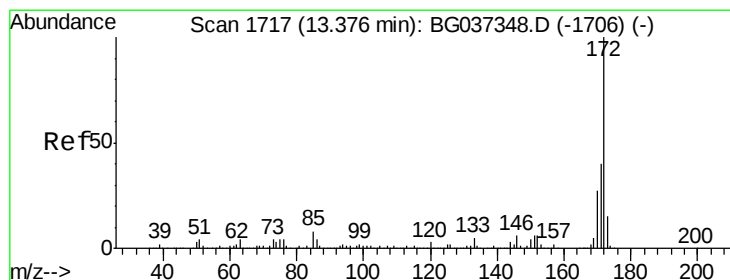
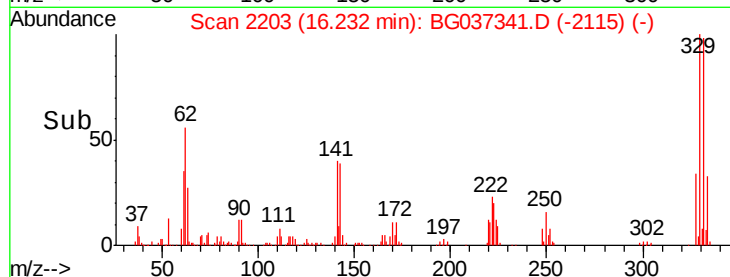
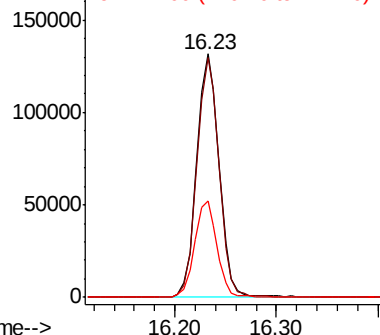


Abundance

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: 100.804 ng

RT: 13.37 min Scan# 1716

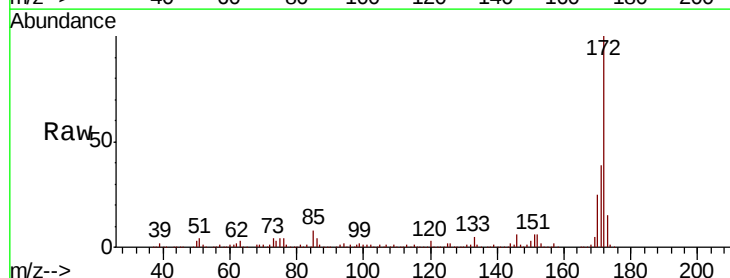
Delta R.T. -0.01 min

Lab File: BG037341.D

Acq: 15 Oct 2018 19:59

Tgt Ion:172 Resp: 1177023

Ion	Ratio	Lower	Upper
172	100		
171	39.3	31.0	46.4
170	25.0	20.2	30.2

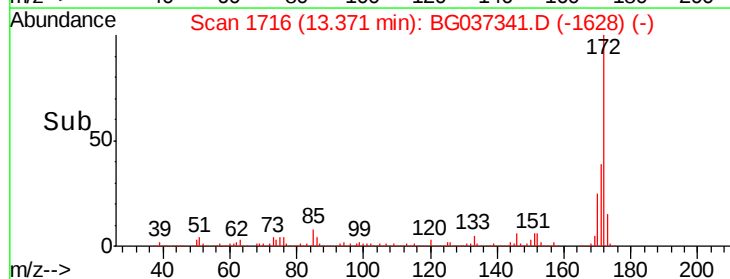
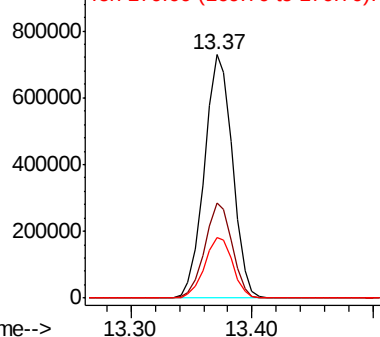


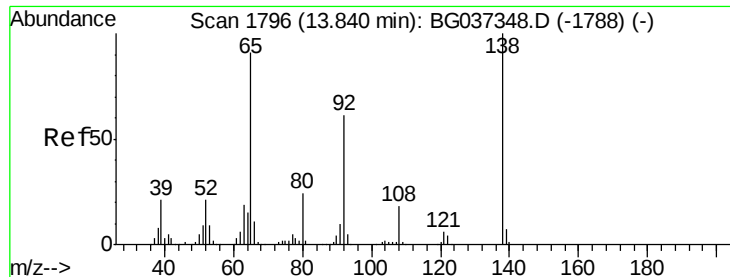
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

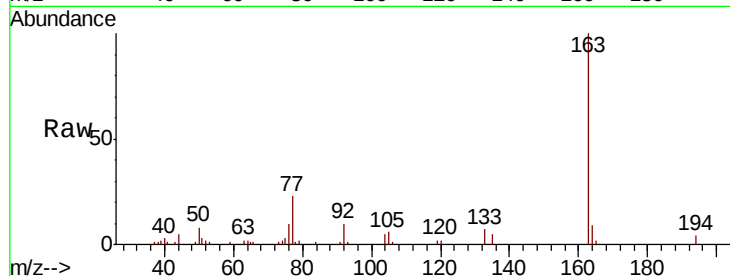
Ion 170.00 (169.70 to 170.70): E



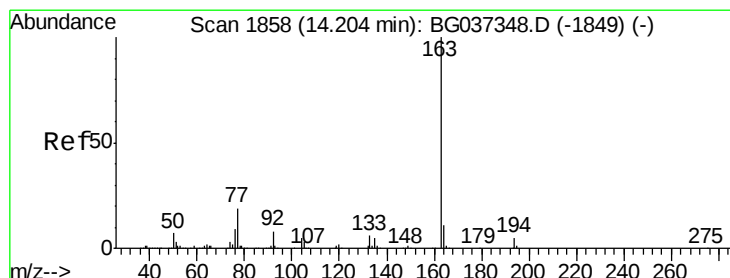
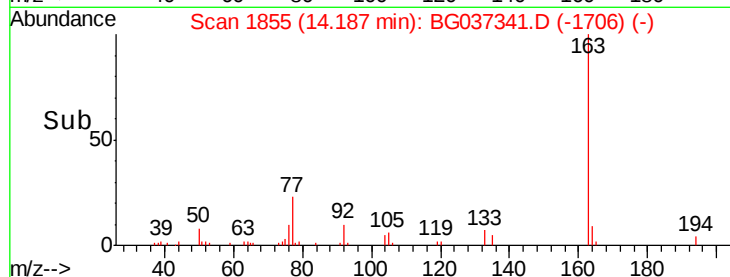
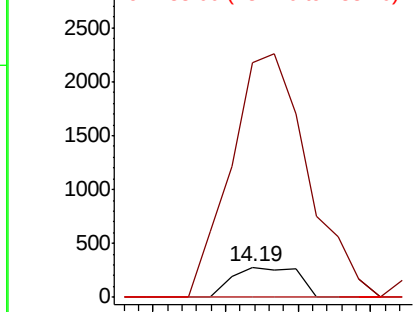


#48
2-Nitroaniline
Concen: 5.858 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037341.D
Acq: 15 Oct 2018 19:59

Tot Ion: 65 Resp: 347
Ion Ratio Lower Upper
65 100
92 776.8 53.2 79.8#
138 0.0 79.3 118.9#

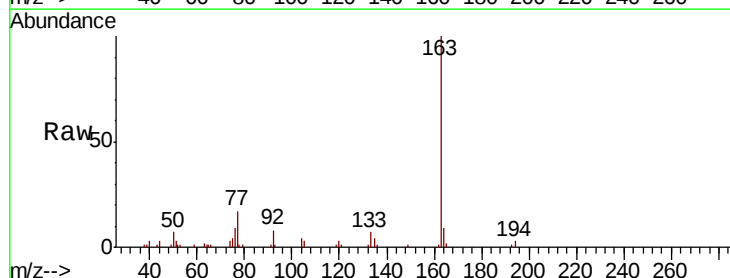


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

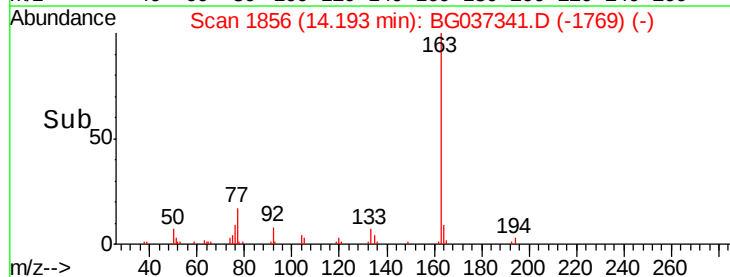
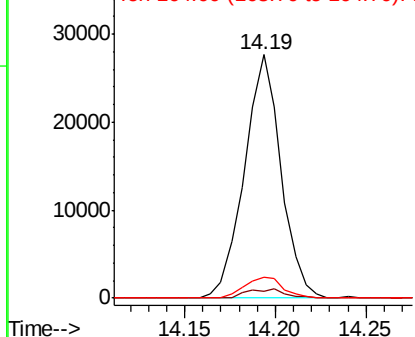


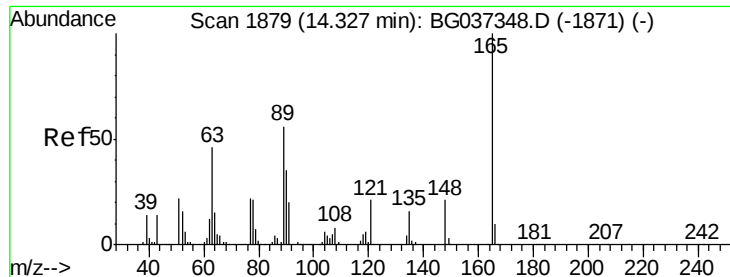
#50
Dimethylphthalate
Concen: 2.802 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037341.D
Acq: 15 Oct 2018 19:59

Tgt Ion: 163 Resp: 38609
Ion Ratio Lower Upper
163 100
194 2.6 3.5 5.3#
164 8.5 8.5 12.7



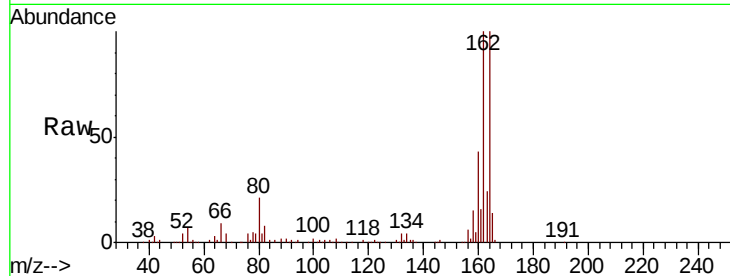
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51
2,6-Dinitrotoluene
Concen: 12.724 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037341.D
Acq: 15 Oct 2018 19:59

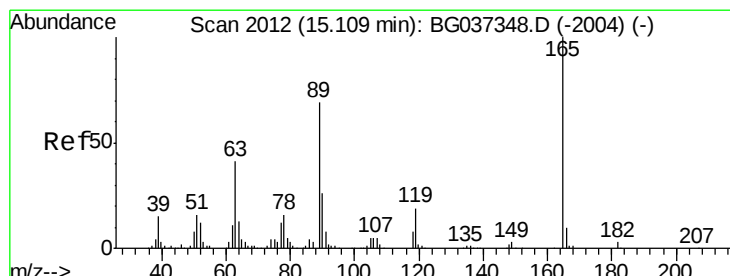
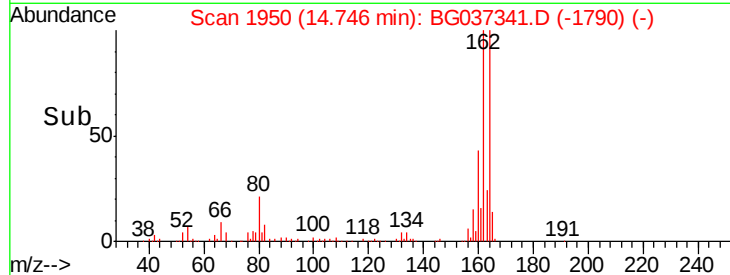
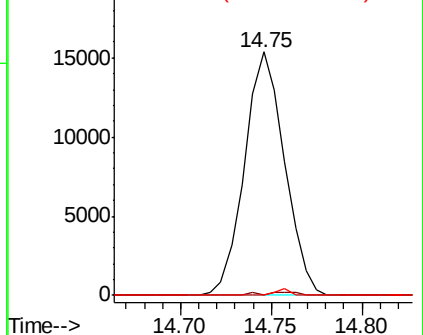
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



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: 11.509 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.37 min
Lab File: BG037341.D
Acq: 15 Oct 2018 19:59

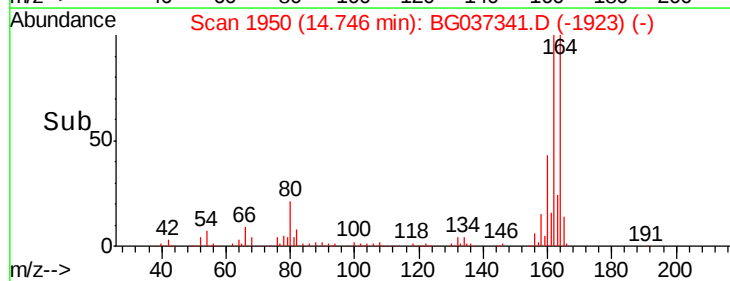
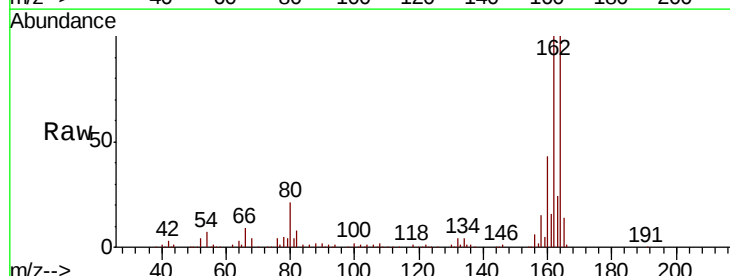
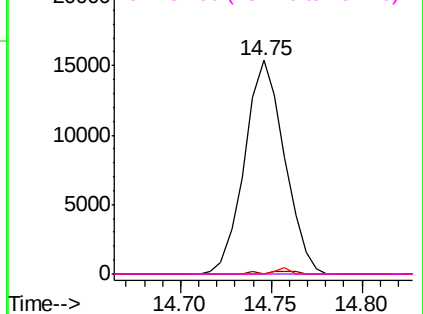
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

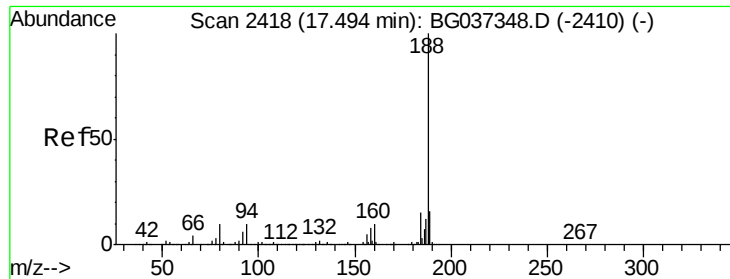
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

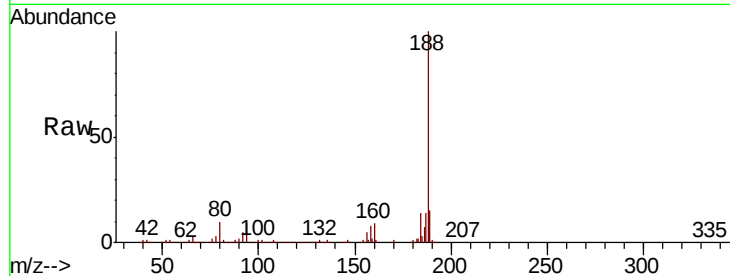
Ion 182.00 (181.70 to 182.70): E



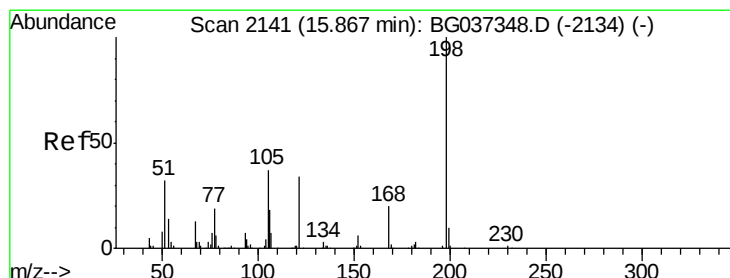
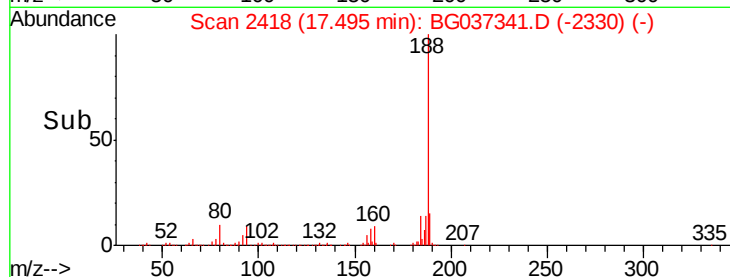
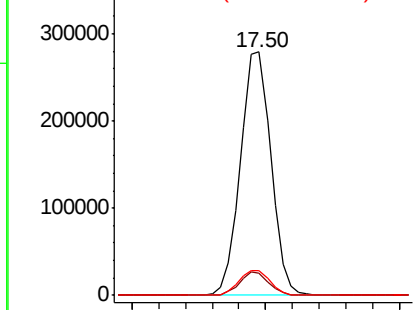


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG037341.D
 Acq: 15 Oct 2018 19:59

Tot Ion:	188	Resp:	441701
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.1	7.7	11.5

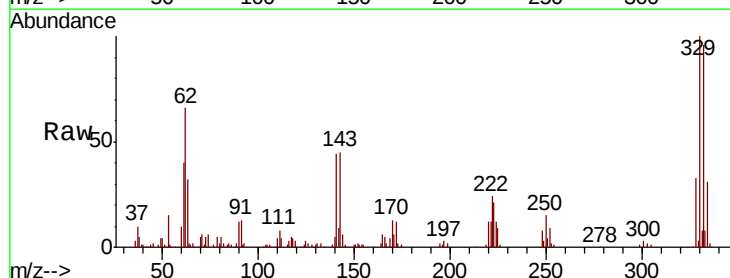


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

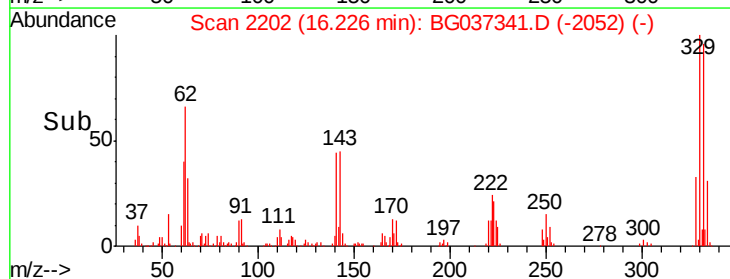
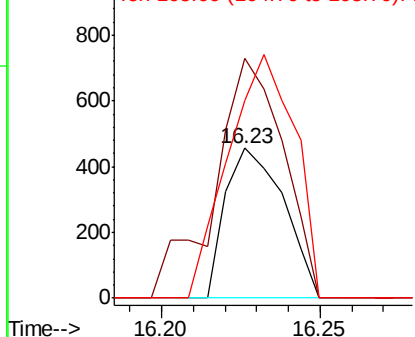


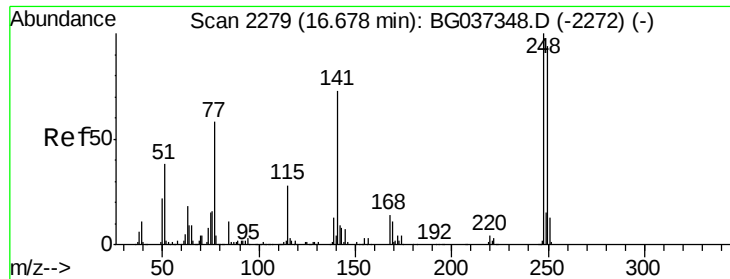
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.314 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.35 min
 Lab File: BG037341.D
 Acq: 15 Oct 2018 19:59

Tgt Ion:	198	Resp:	581
Ion	Ratio	Lower	Upper
198	100		
51	27.8	22.7	62.7
105	23.0	19.7	59.7



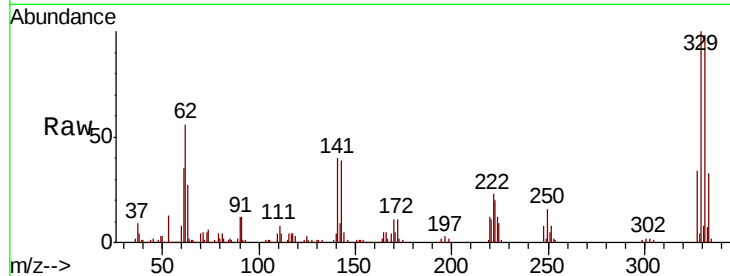
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E



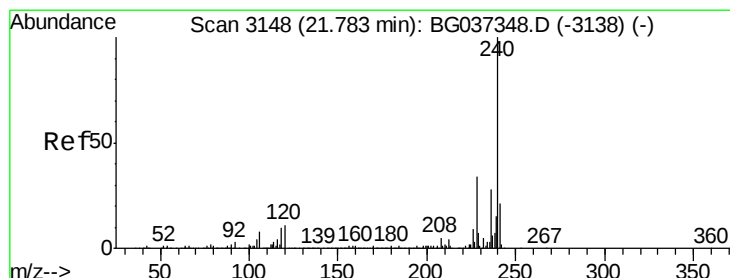
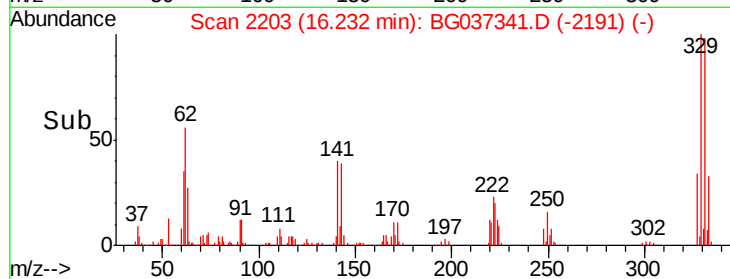
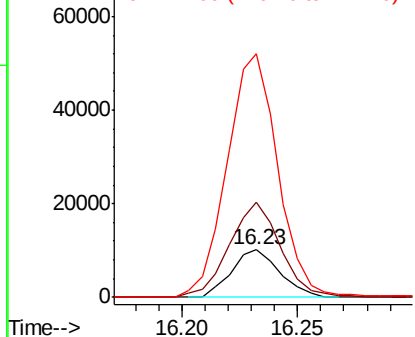


#67
 4-Bromophenyl-phenylether
 Concen: 3.069 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037341.D
 Acq: 15 Oct 2018 19:59

Tot Ion:248 Resp: 14631
 Ion Ratio Lower Upper
 248 100
 250 208.0 77.0 115.6#
 141 410.5 55.5 83.3#

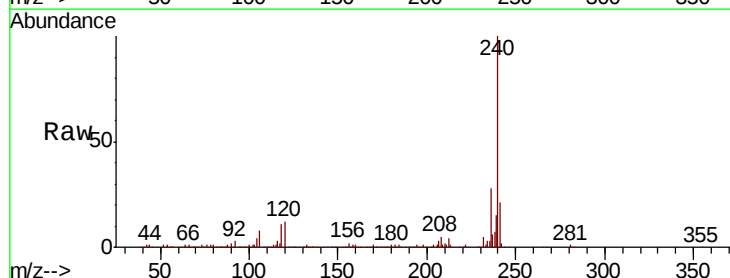


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

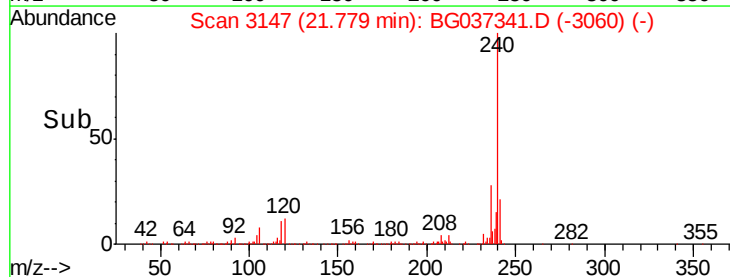
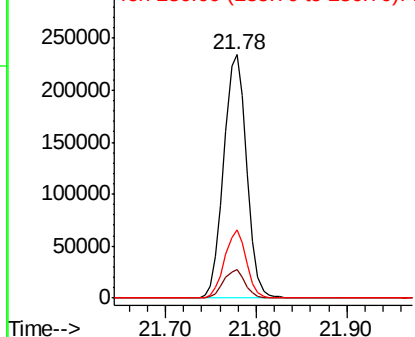


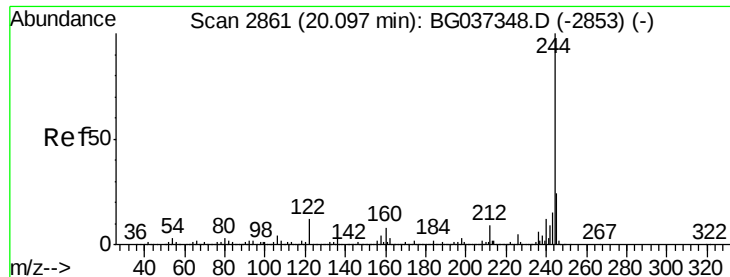
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG037341.D
 Acq: 15 Oct 2018 19:59

Tgt Ion:240 Resp: 411052
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.1 12.1
 236 28.0 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: 87.754 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037341.D

Acq: 15 Oct 2018 19:59

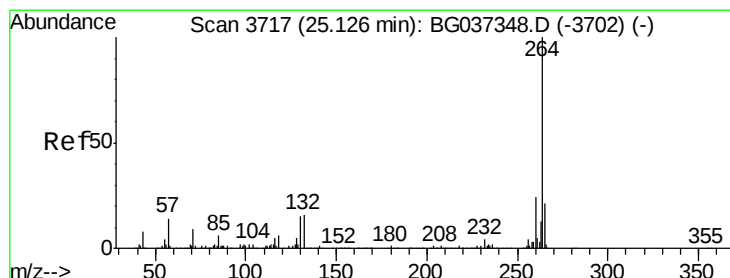
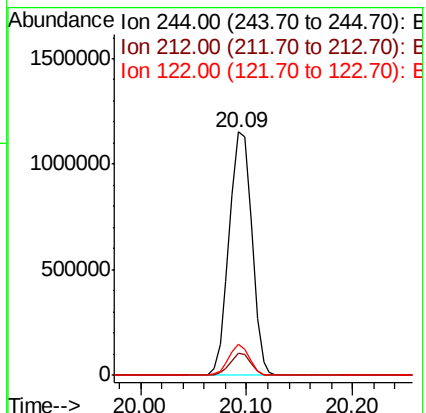
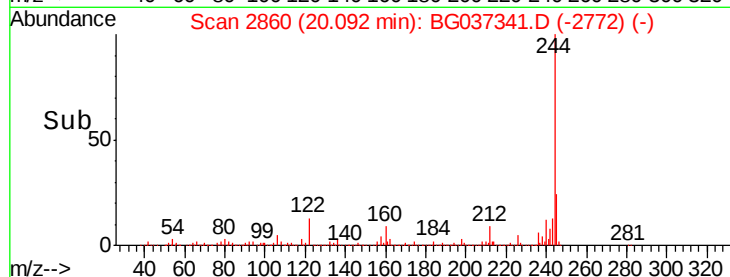
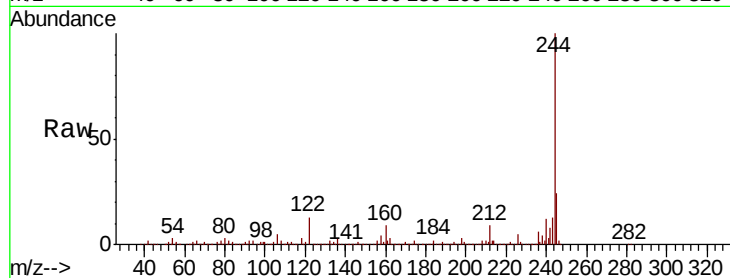
Tot Ion:244 Resp: 1717893

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

122 12.6 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037341.D

Acq: 15 Oct 2018 19:59

Tgt Ion:264 Resp: 411933

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

265 21.8 17.9 26.9

