

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037339.D
 Acq On : 15 Oct 2018 18:41
 Operator : JU/SJ
 Sample : J5460-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

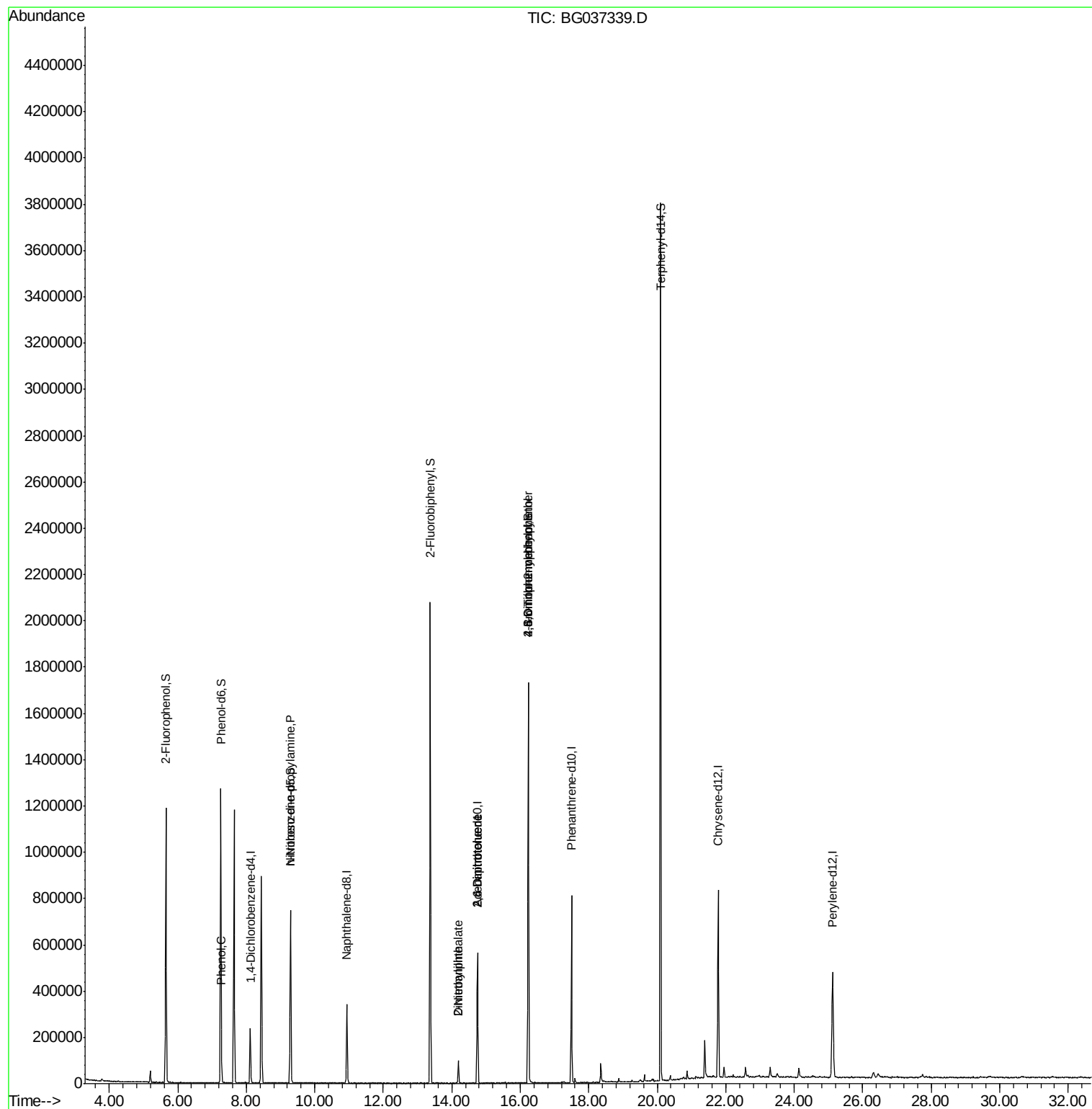
Quant Time: Oct 16 04:17:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

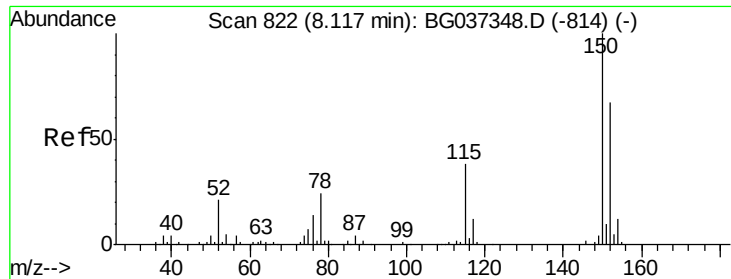
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	72002	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	304202	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	203883	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	512259	20.00	ng	-0.01
76) Chrysene-d12	21.78	240	478278	20.00	ng	-0.02
87) Perylene-d12	25.12	264	481916	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	564838	138.06	ng	0.00
7) Phenol-d6	7.25	99	812236	130.80	ng	0.00
23) Nitrobenzene-d5	9.29	82	458950	99.19	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	311241	155.66	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1152438	84.89	ng	-0.01
79) Terphenyl-d14	20.10	244	1829047	80.30	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.28	94	14754	2.256	ng	92
19) n-Nitroso-di-n-propylamine	9.29	70	55569	11.819	ng	# 72
48) 2-Nitroaniline	14.19	65	595	5.908	ng	# 1
50) Dimethylphthalate	14.19	163	67016	4.183	ng	99
51) 2,6-Dinitrotoluene	14.74	165	25996	12.326	ng	# 26
57) 2,4-Dinitrotoluene	14.74	165	25996	11.199	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	971	6.476	ng	78
67) 4-Bromophenyl-phenylether	16.23	248	24027	4.346	ng	# 1

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

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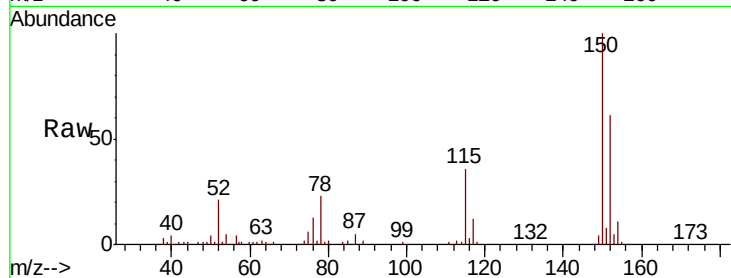




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

Tot Ion	152	Resp	72002
Ion Ratio	100	Lower	Upper
150	163.4	126.0	189.0
115	58.5	45.5	68.3

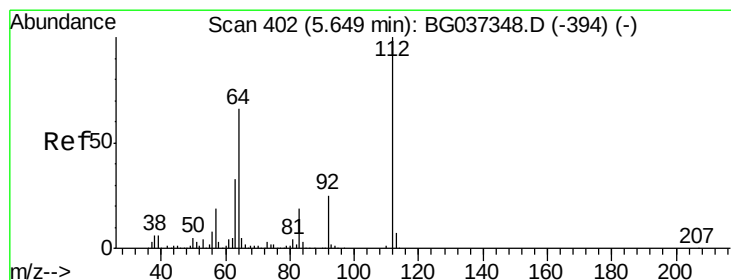
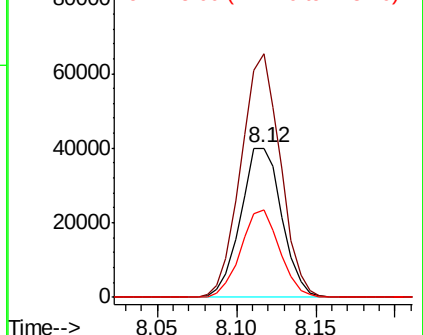
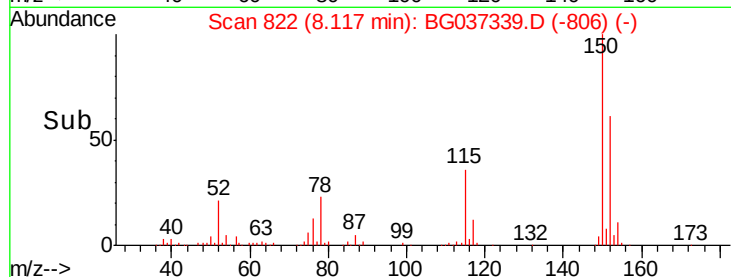


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

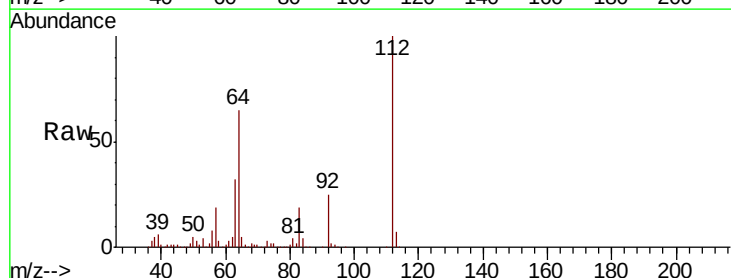
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 138.060 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

Tgt Ion	112	Resp	564838
Ion Ratio	100	Lower	Upper
64	65.2	53.1	79.7
63	32.2	27.3	40.9

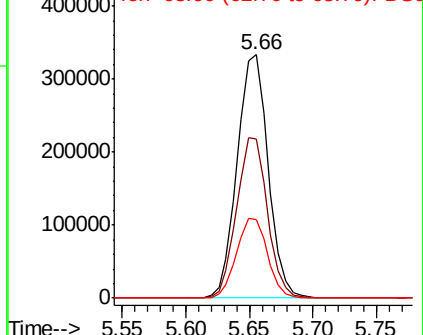
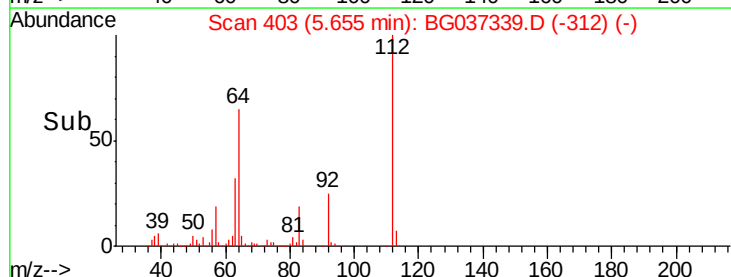


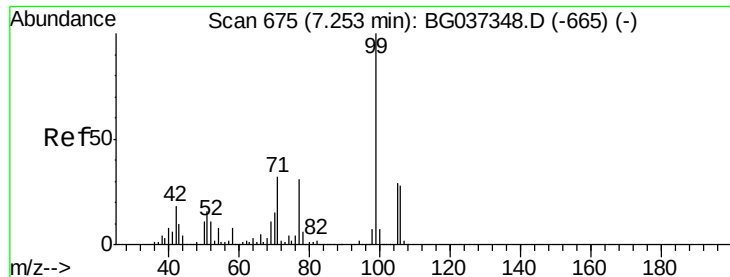
Abundance

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: 130.798 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037339.D

Acq: 15 Oct 2018 18:41

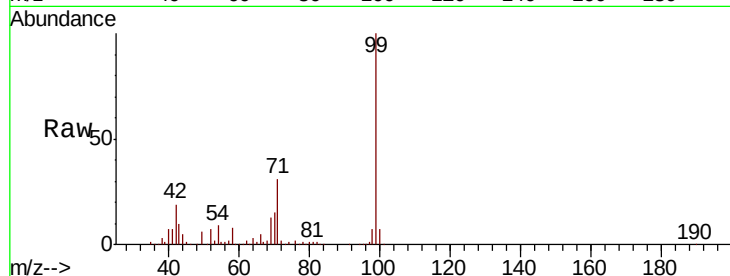
Tot Ion: 99 Resp: 812236

Ion Ratio Lower Upper

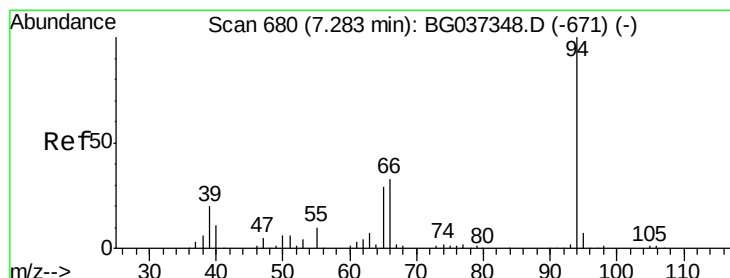
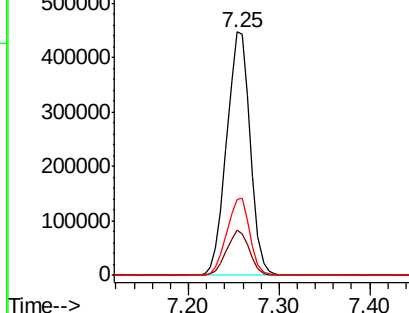
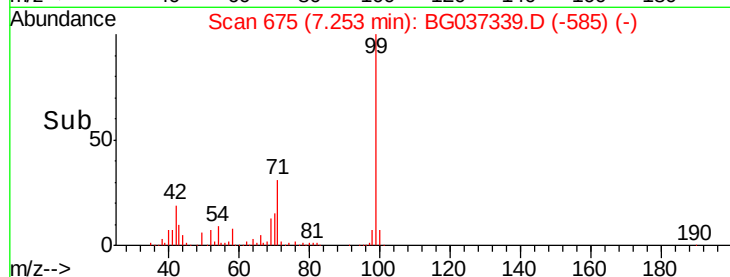
99 100

42 18.5 15.0 22.4

71 31.2 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: 2.256 ng

RT: 7.28 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG037339.D

Acq: 15 Oct 2018 18:41

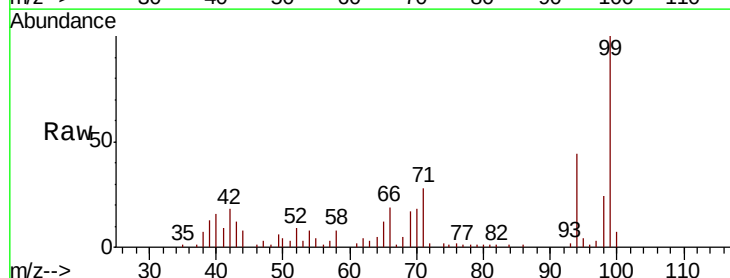
Tgt Ion: 94 Resp: 14754

Ion Ratio Lower Upper

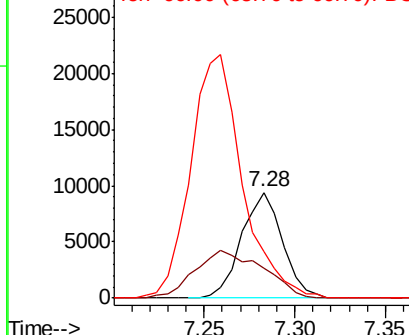
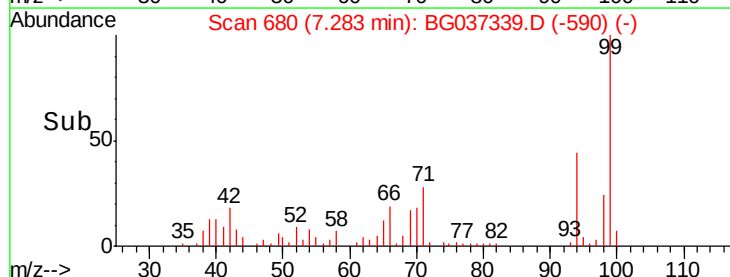
94 100

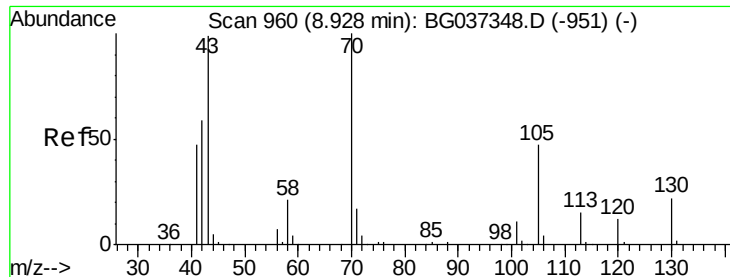
65 28.2 9.7 49.7

66 43.7 15.9 55.9



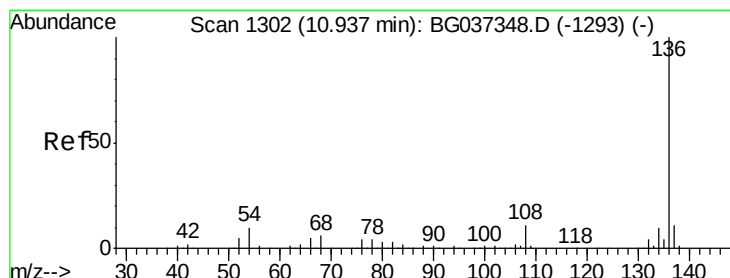
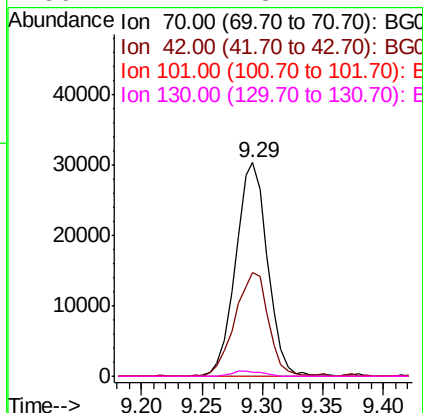
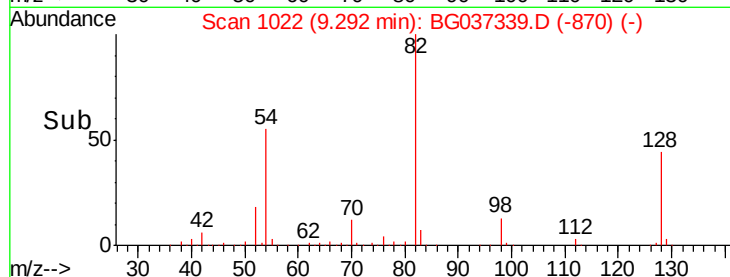
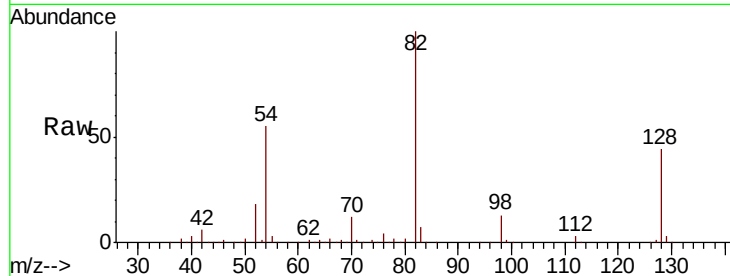
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





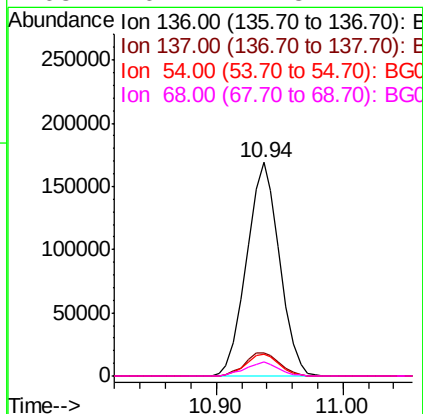
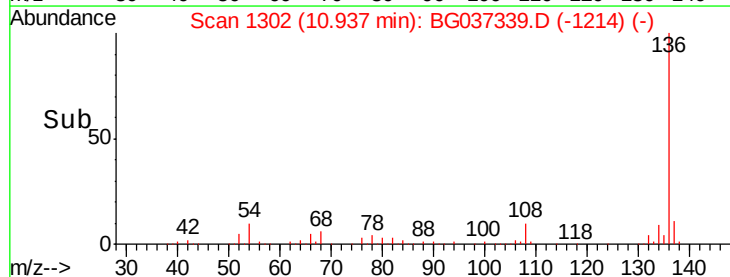
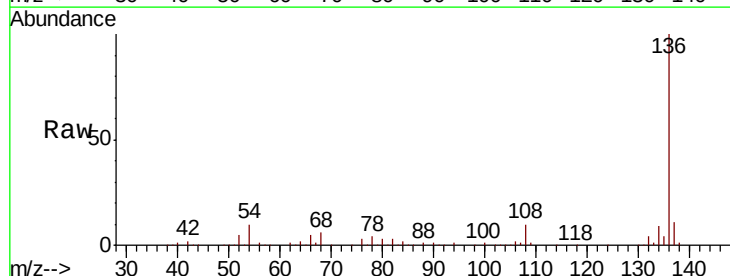
#19
n-Nitroso-di-n-propylamine
Concen: 11.819 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.36 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

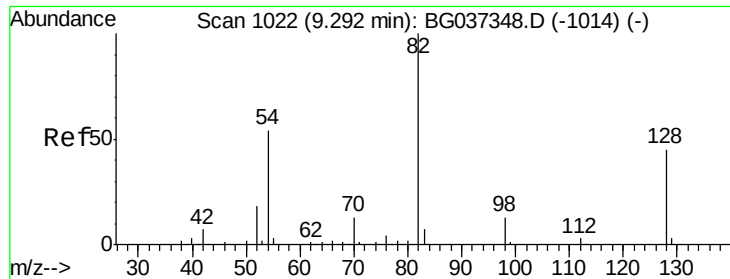
Tot Ion: 70 Resp: 55569
Ion Ratio Lower Upper
70 100
42 48.7 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

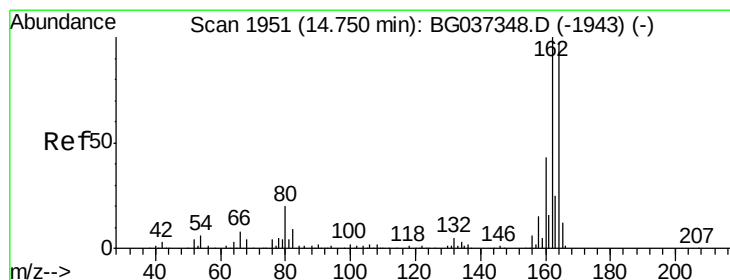
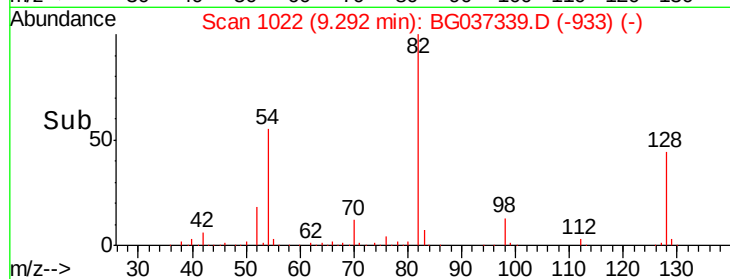
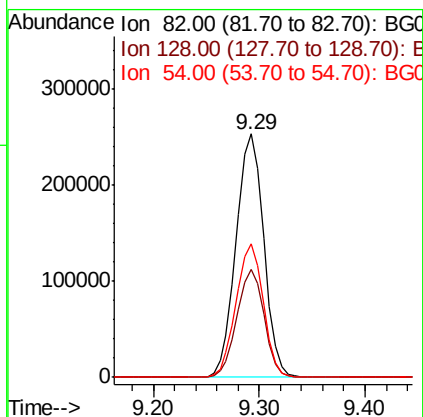
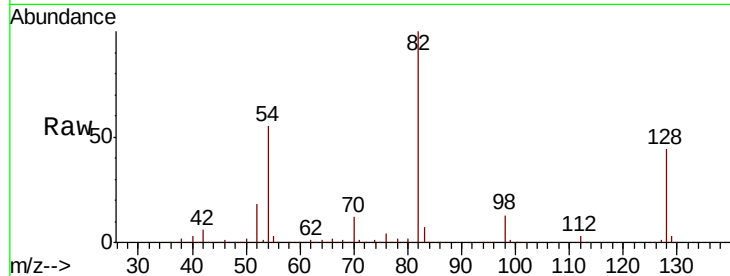
Tgt Ion: 136 Resp: 304202
Ion Ratio Lower Upper
136 100
137 10.8 9.6 14.4
54 9.9 7.9 11.9
68 6.4 4.8 7.2





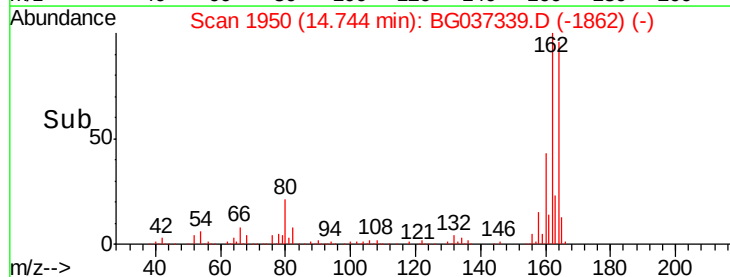
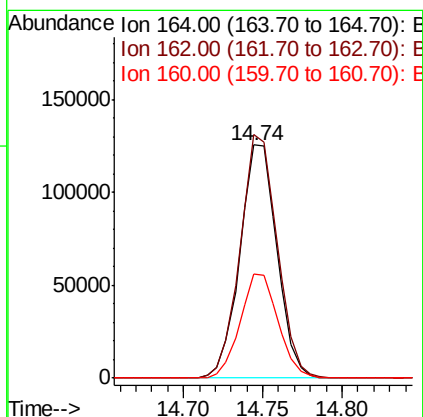
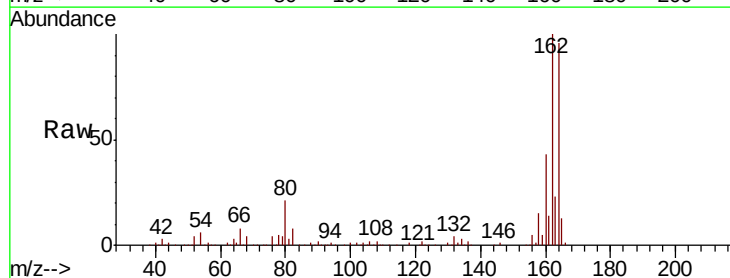
#23
Nitrobenzene-d5
Concen: 99.189 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

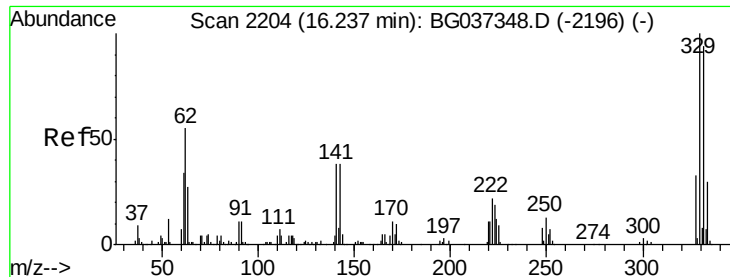
Tot Ion	82	Resp	458950
Ion Ratio	100	Lower	Upper
128	44.3	34.6	51.8
54	55.0	45.3	67.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

Tgt Ion	164	Resp	203883
Ion Ratio	100	Lower	Upper
162	104.4	81.3	121.9
160	44.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 155.658 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037339.D

Acq: 15 Oct 2018 18:41

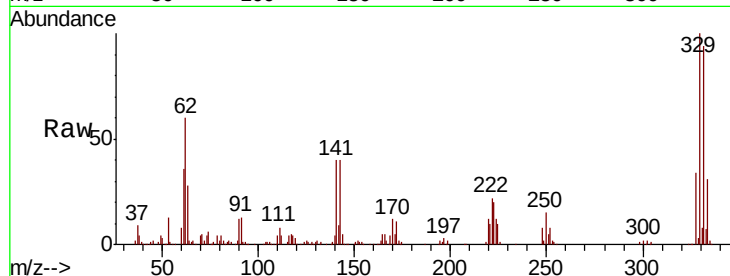
Tot Ion:330 Resp: 311241

Ion Ratio Lower Upper

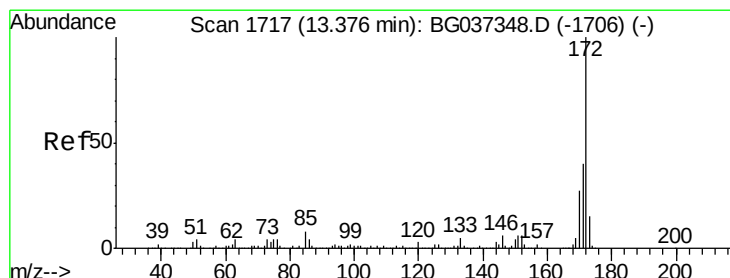
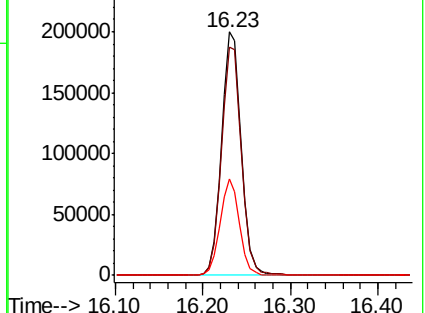
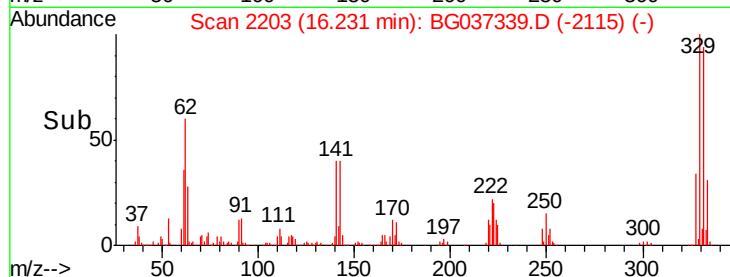
330 100

332 95.0 78.4 117.6

141 38.9 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: 84.886 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BG037339.D

Acq: 15 Oct 2018 18:41

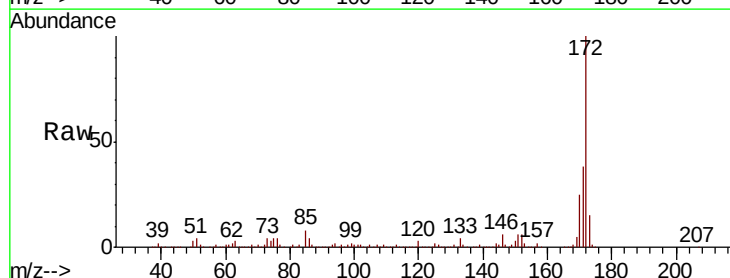
Tgt Ion:172 Resp: 1152438

Ion Ratio Lower Upper

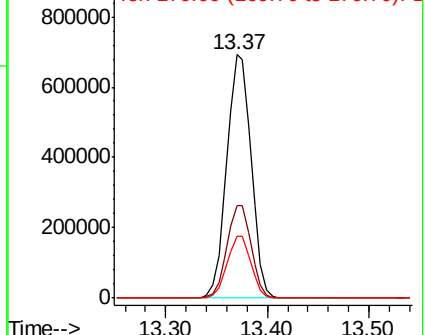
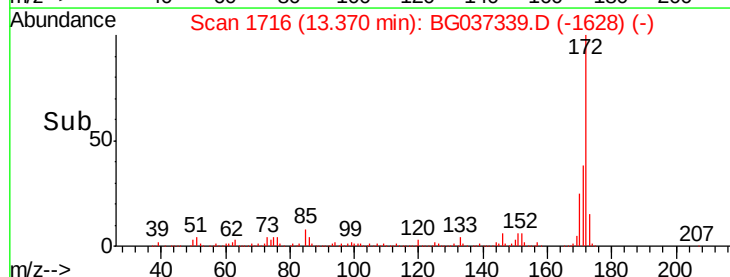
172 100

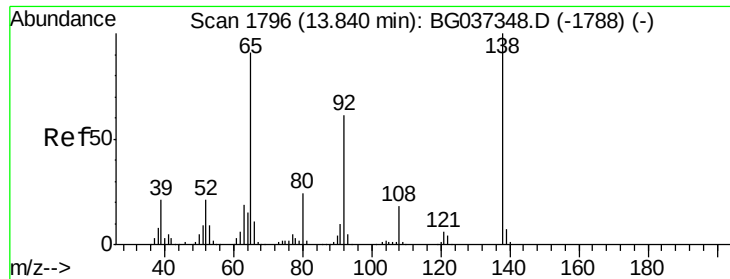
171 38.0 31.0 46.4

170 25.3 20.2 30.2



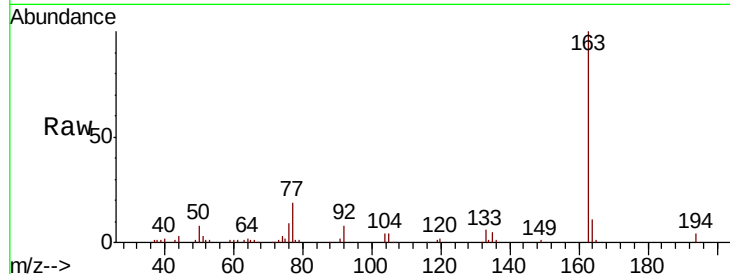
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



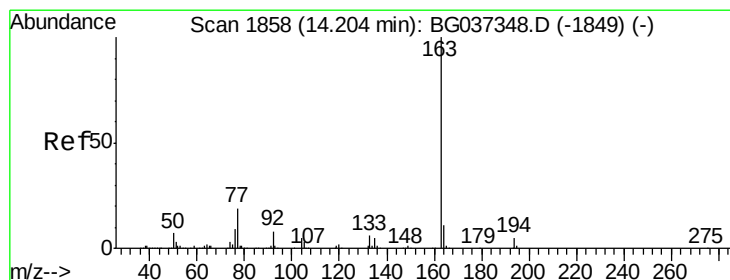
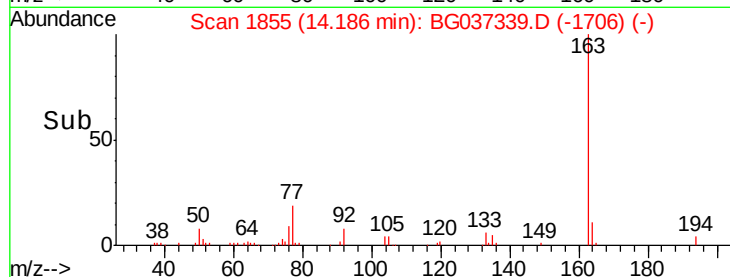
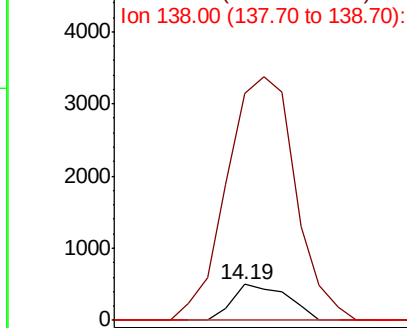


#48
2-Nitroaniline
Concen: 5.908 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

Tot Ion: 65 Resp: 595
Ion Ratio Lower Upper
65 100
92 629.9 53.2 79.8#
138 0.0 79.3 118.9#

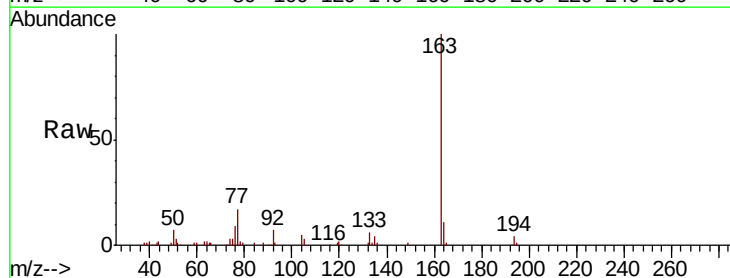


Abundance Ion 65.00 (64.70 to 65.70): BG0
Ion 92.00 (91.70 to 92.70): BG0
Ion 138.00 (137.70 to 138.70): E

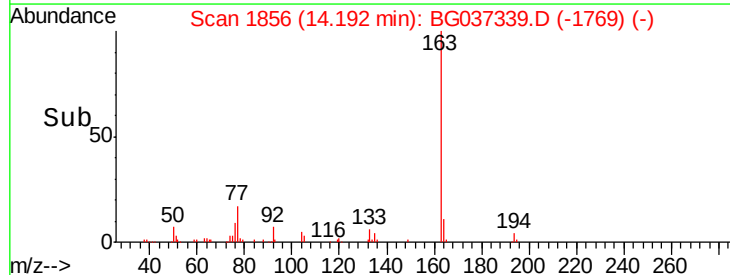
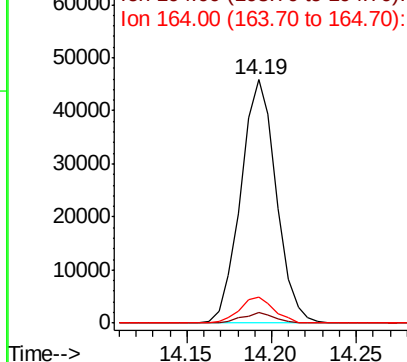


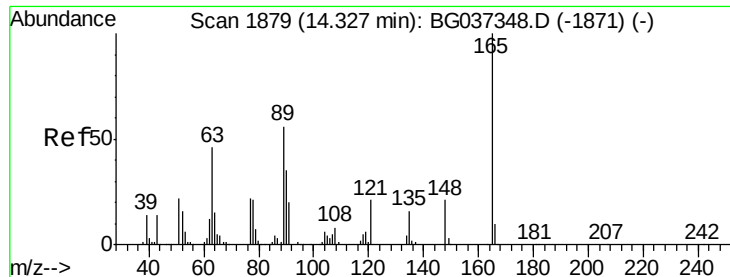
#50
Dimethylphthalate
Concen: 4.183 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

Tgt Ion: 163 Resp: 67016
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.9 8.5 12.7



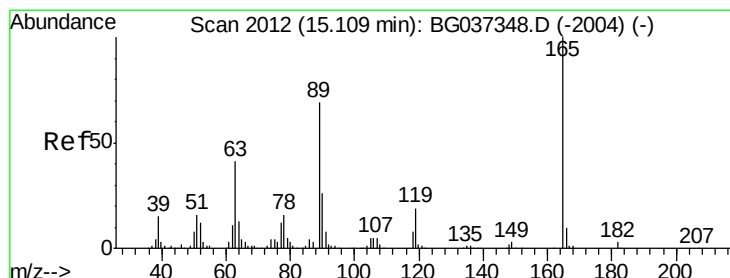
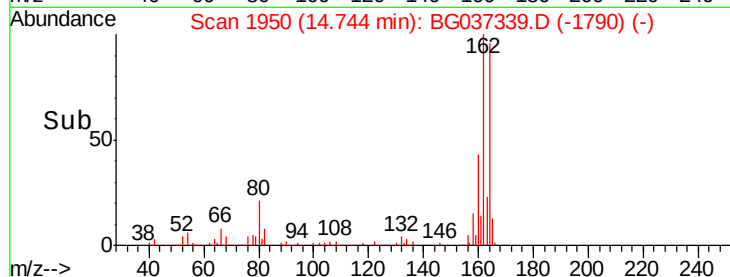
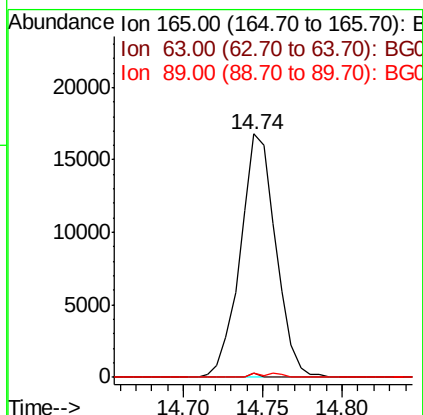
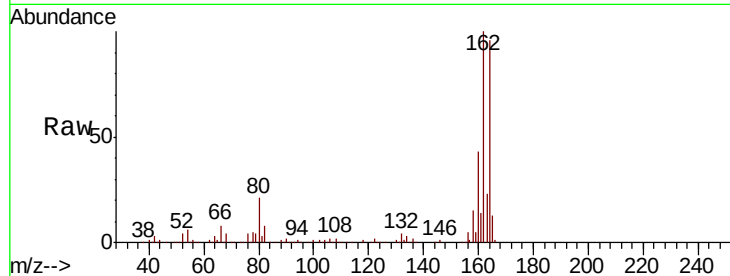
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





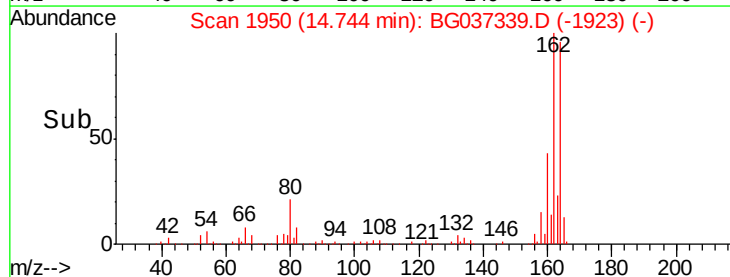
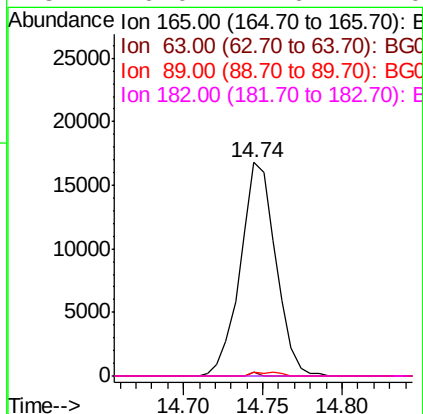
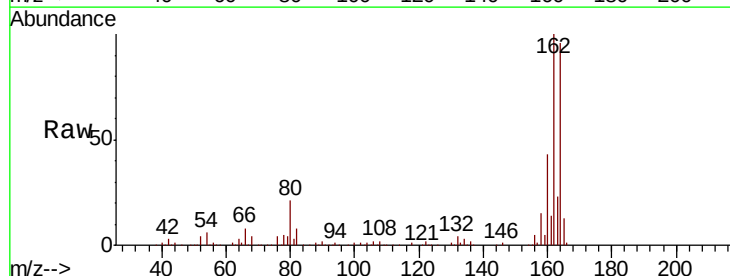
#51
 2,6-Dinitrotoluene
 Concen: 12.326 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. 0.41 min
 Lab File: BG037339.D
 Acq: 15 Oct 2018 18:41

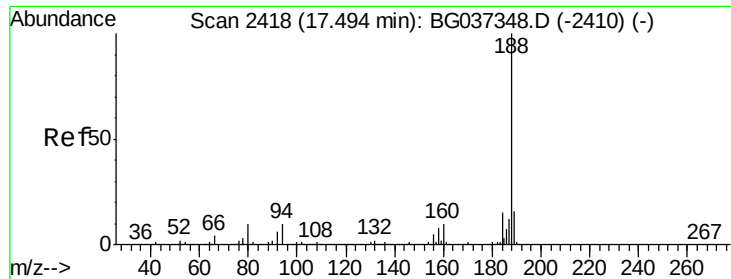
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.2#
89	1.8	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 11.199 ng
 RT: 14.74 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037339.D
 Acq: 15 Oct 2018 18:41

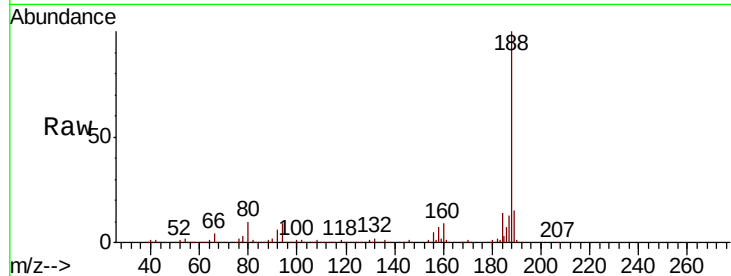
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	1.8	57.2	85.8#
182	0.0	2.6	4.0#



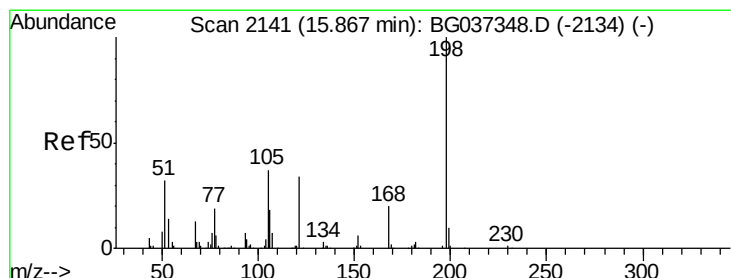
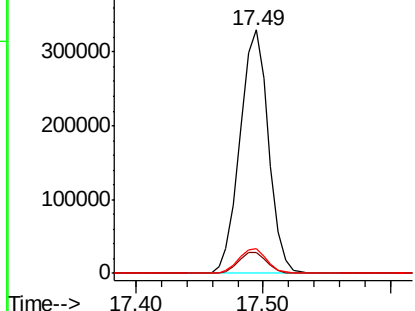
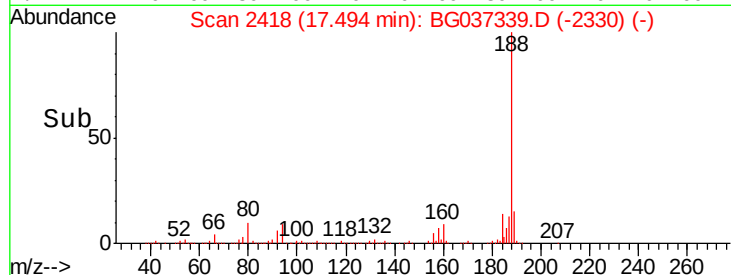


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

Tot Ion:188 Resp: 512259
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 10.3 7.7 11.5

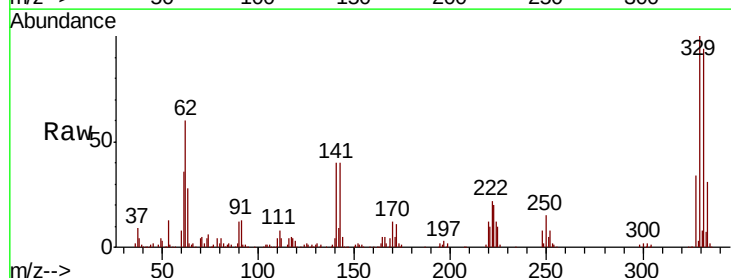


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

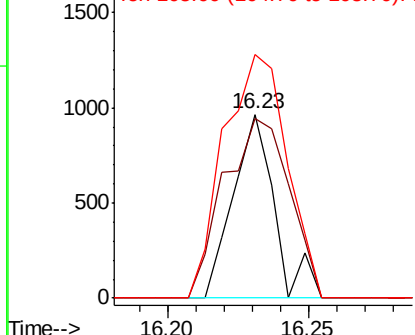
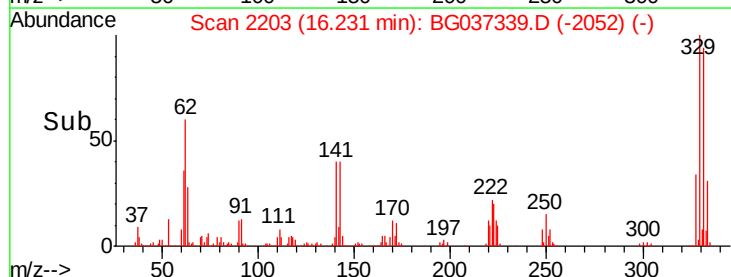


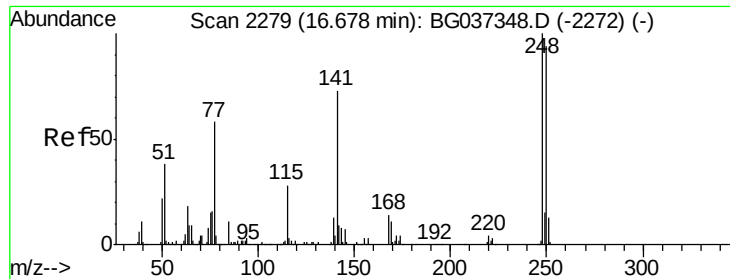
#65
4,6-Dinitro-2-methylphenol
Concen: 6.476 ng
RT: 16.23 min Scan# 2203
Delta R.T. 0.36 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

Tgt Ion:198 Resp: 971
Ion Ratio Lower Upper
198 100
51 23.5 22.7 62.7
105 31.8 19.7 59.7



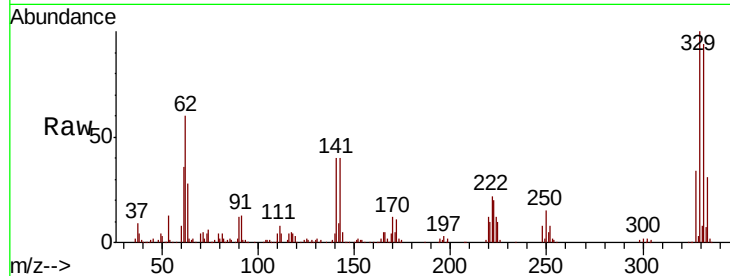
Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



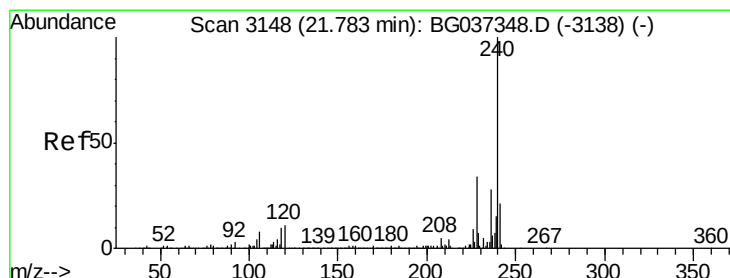
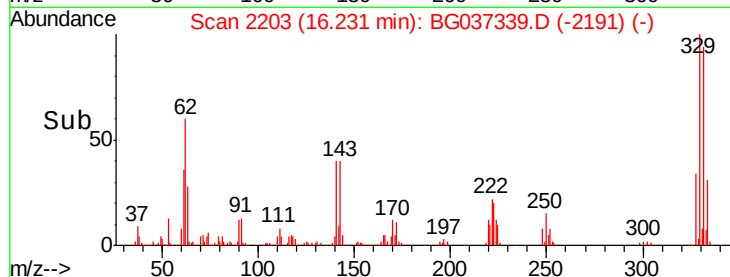
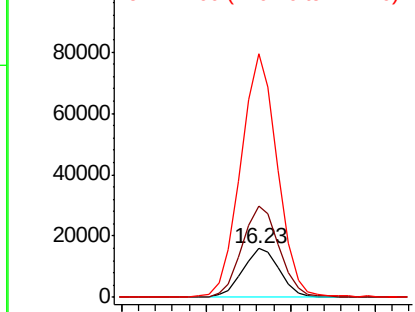


#67
4-Bromophenyl-phenylether
Concen: 4.346 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.46 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

Tot Ion:248 Resp: 24027
Ion Ratio Lower Upper
248 100
250 191.3 77.0 115.6#
141 391.2 55.5 83.3#

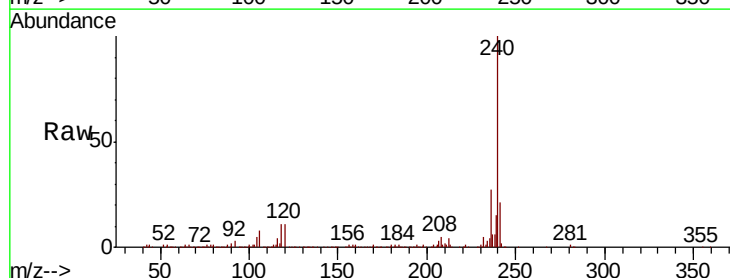


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

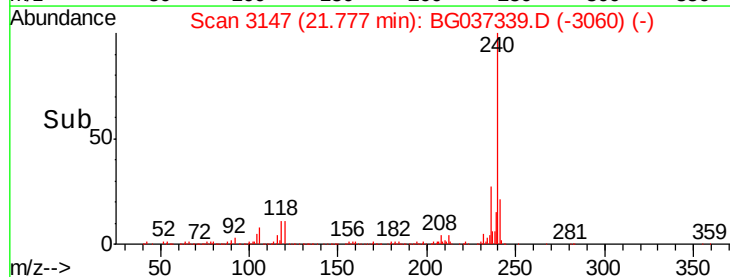
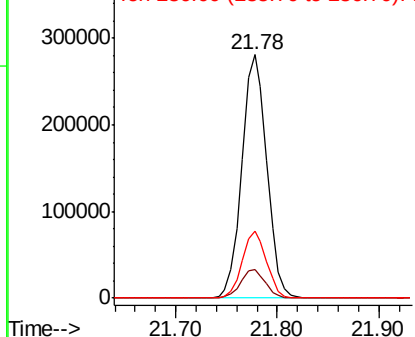


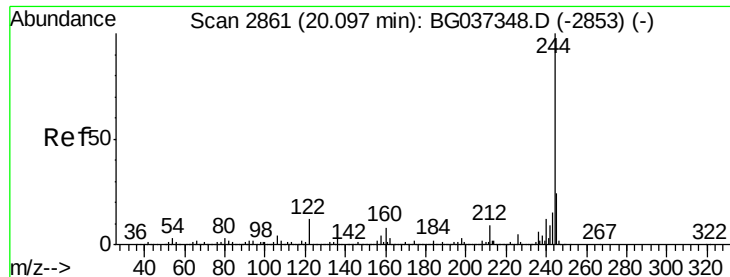
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.02 min
Lab File: BG037339.D
Acq: 15 Oct 2018 18:41

Tgt Ion:240 Resp: 478278
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 27.4 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: 80.299 ng

RT: 20.10 min Scan# 2861

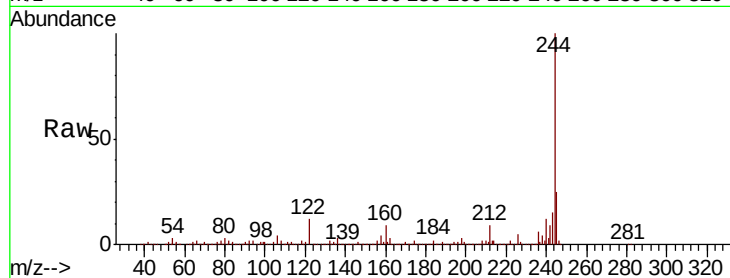
Delta R.T. -0.01 min

Lab File: BG037339.D

Acq: 15 Oct 2018 18:41

Tot Ion:244 Resp: 1829047

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.5	9.7
122	12.0	9.0	13.4

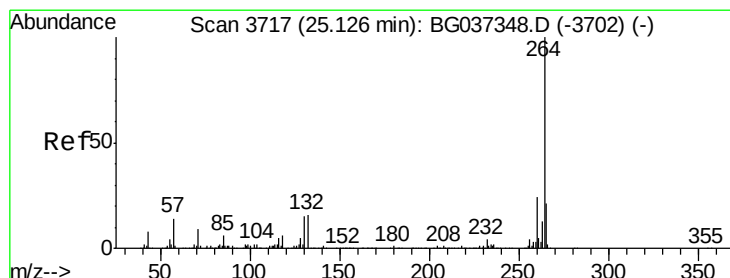
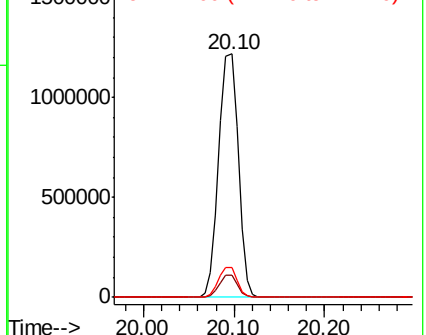
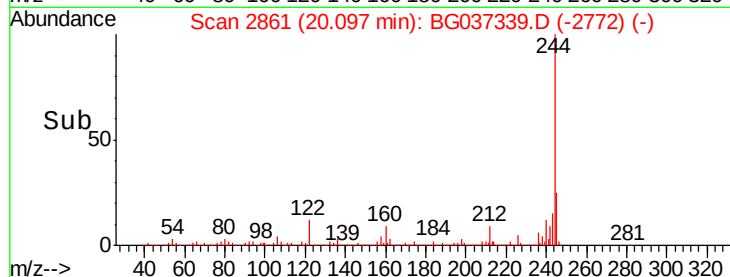


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3716

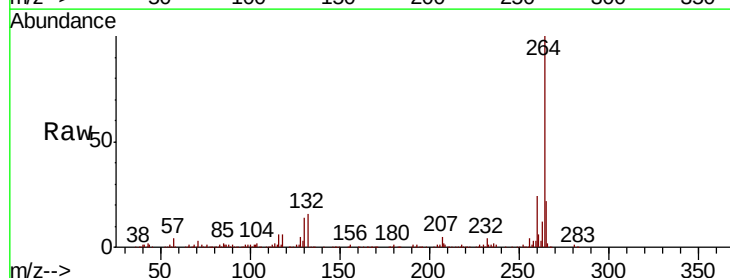
Delta R.T. -0.02 min

Lab File: BG037339.D

Acq: 15 Oct 2018 18:41

Tgt Ion:264 Resp: 481916

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.4
265	22.2	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

