

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037886.D
 Acq On : 8 Nov 2018 15:22
 Operator : JU/SJ
 Sample : J5858-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

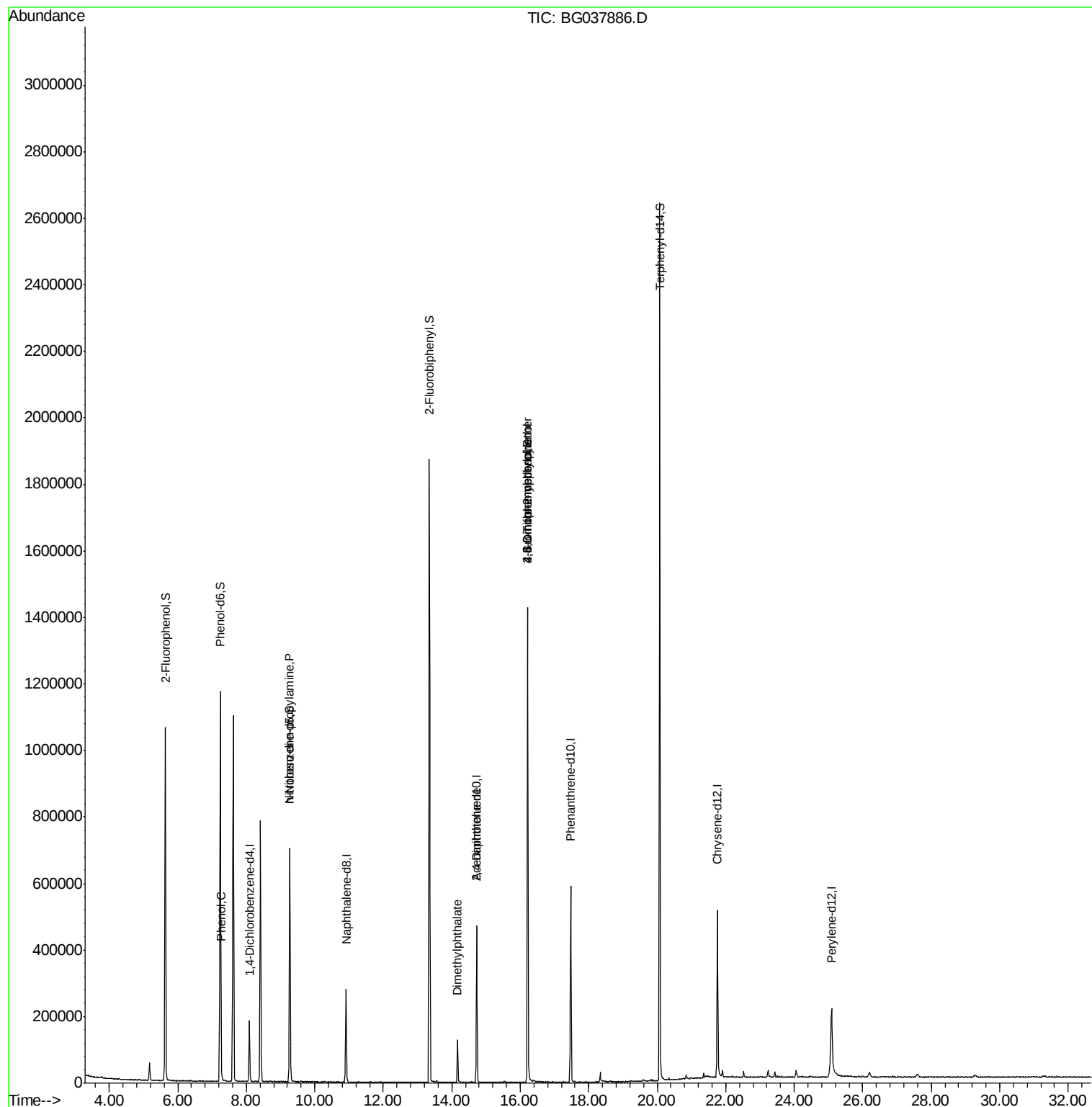
Quant Time: Nov 09 14:39:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	57217	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	255373	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	169924	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	381553	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	343647	20.00	ng	-0.02
87) Perylene-d12	25.09	264	311826	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	506273	147.93	ng	0.00
7) Phenol-d6	7.24	99	750424	145.01	ng	0.00
23) Nitrobenzene-d5	9.27	82	452450	99.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	264857	142.91	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1028230	91.25	ng	-0.02
79) Terphenyl-d14	20.07	244	1313336	81.66	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	39470	7.229	ng	Qvalue 100
19) n-Nitroso-di-n-propylamine	9.27	70	58338	16.371	ng	# 68
50) Dimethylphthalate	14.17	163	91375	6.951	ng	98
57) 2,4-Dinitrotoluene	14.73	165	22123	5.795	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	718	8.803	ng	78
67) 4-Bromophenyl-phenylether	16.21	248	19284	4.602	ng	# 1

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

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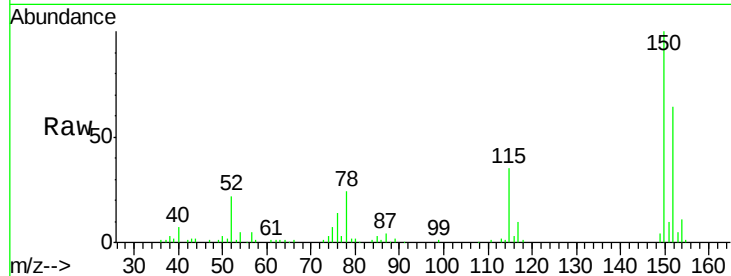




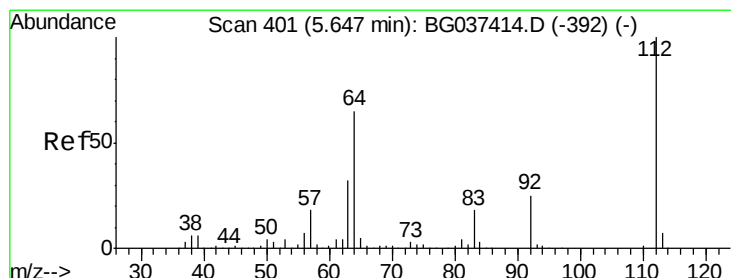
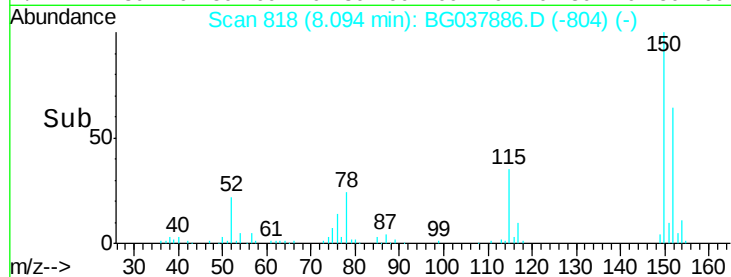
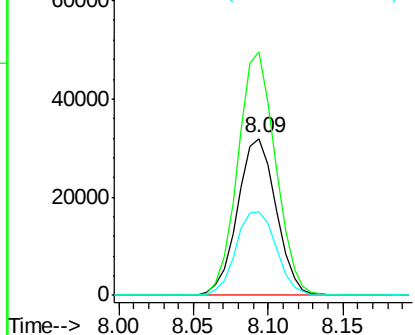
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tgt Ion:152 Resp: 57217
Ion Ratio Lower Upper
152 100
150 155.5 126.0 189.0
115 53.8 45.5 68.3



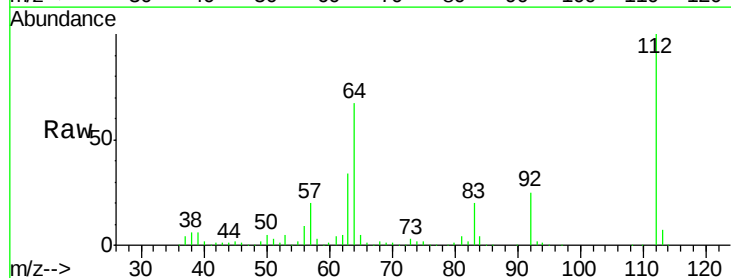
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



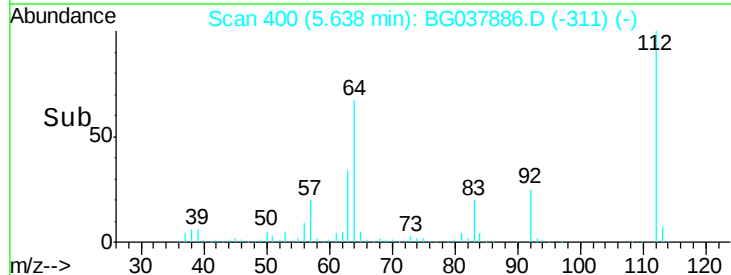
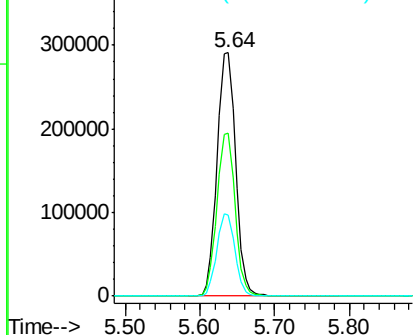
#5

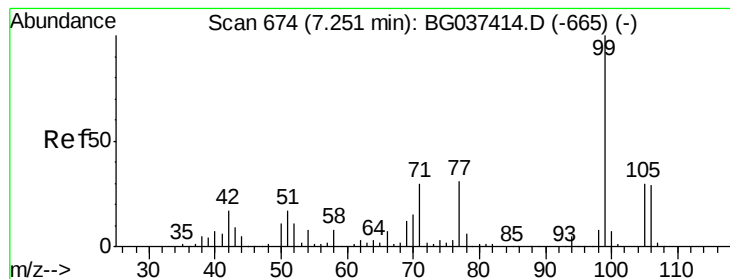
2-Fluorophenol
Concen: 147.931 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tgt Ion:112 Resp: 506273
Ion Ratio Lower Upper
112 100
64 67.0 53.1 79.7
63 33.5 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: 145.008 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037886.D

Acq: 8 Nov 2018 15:22

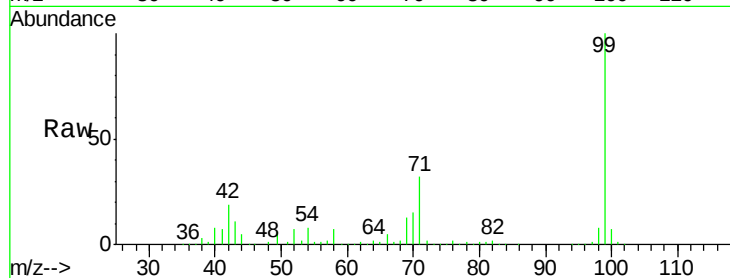
Tgt Ion: 99 Resp: 750424

Ion Ratio Lower Upper

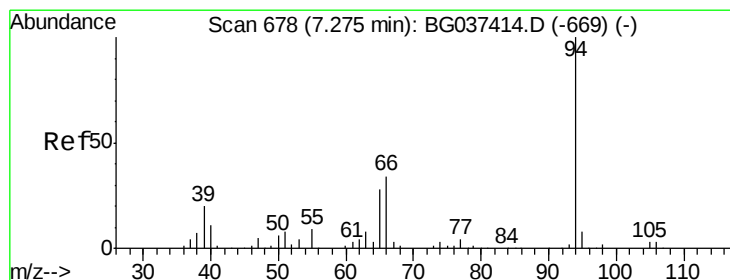
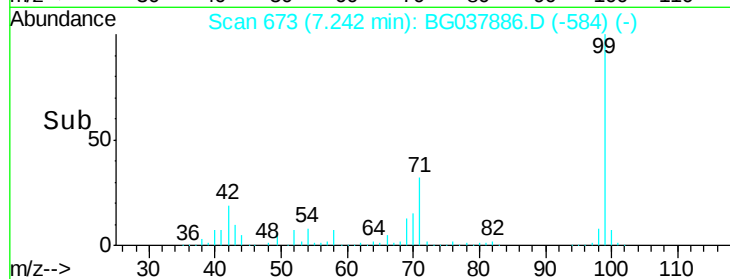
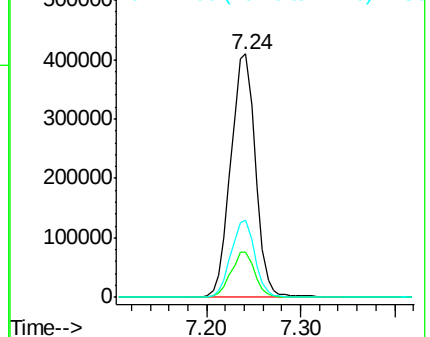
99 100

42 18.6 15.0 22.4

71 31.7 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: 7.229 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037886.D

Acq: 8 Nov 2018 15:22

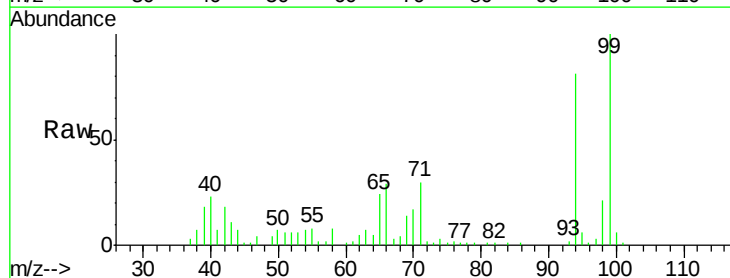
Tgt Ion: 94 Resp: 39470

Ion Ratio Lower Upper

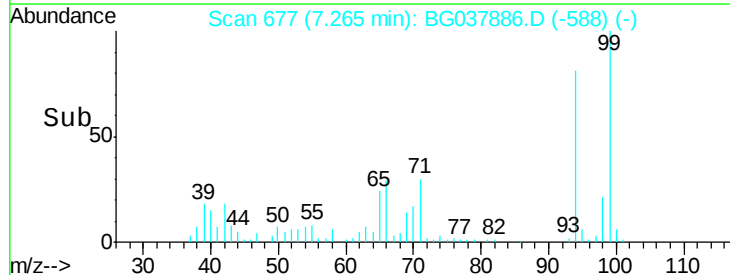
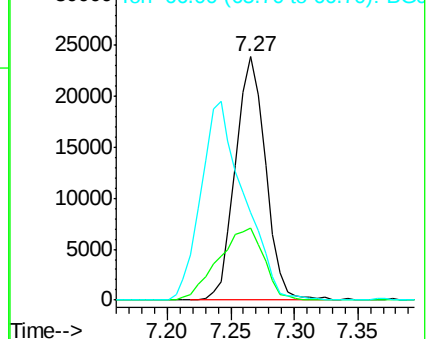
94 100

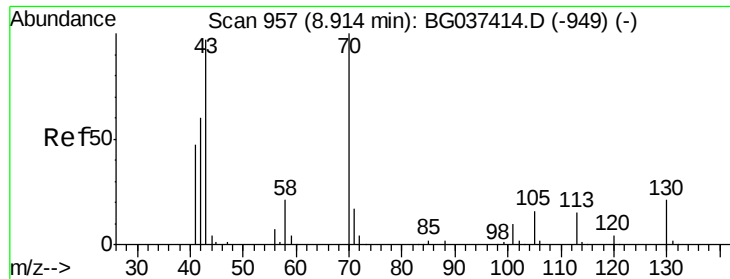
65 29.6 9.7 49.7

66 36.0 15.9 55.9



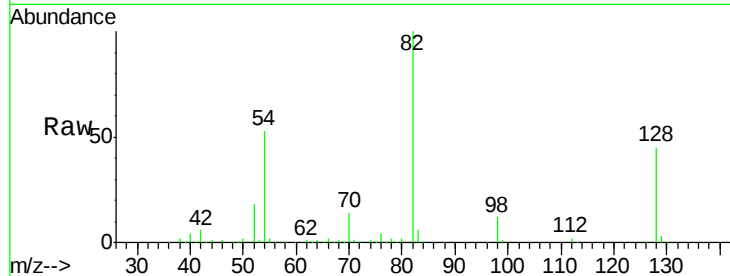
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





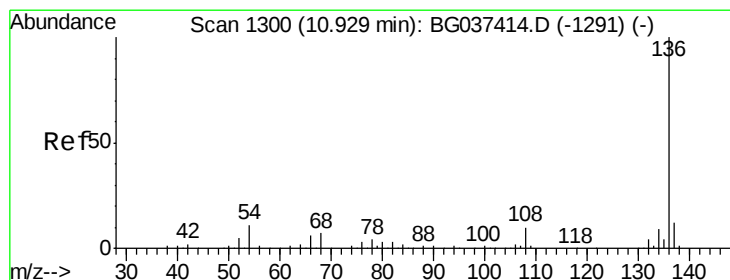
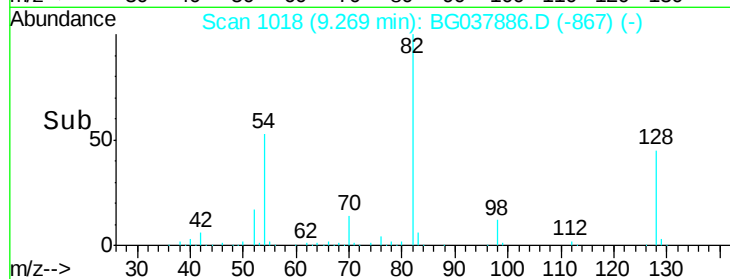
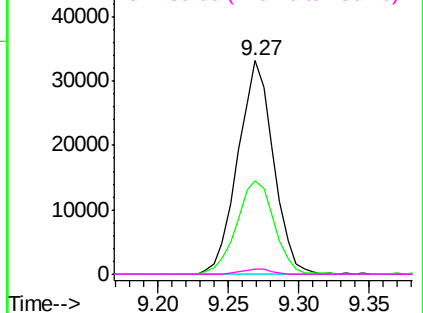
#19
n-Nitroso-di-n-propylamine
Concen: 16.371 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tgt Ion: 70 Resp: 58338
Ion Ratio Lower Upper
70 100
42 43.7 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#



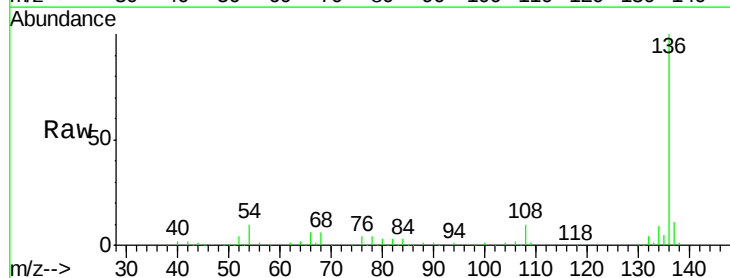
Abundance

Ion 70.00 (69.70 to 70.70): BGC



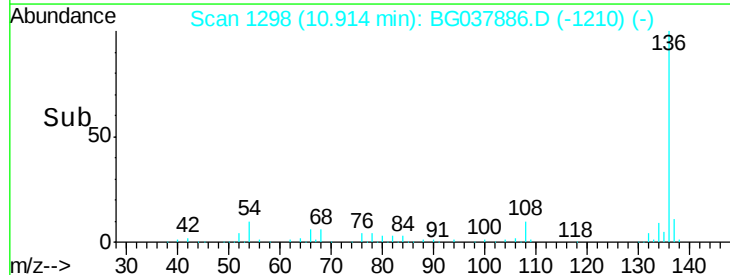
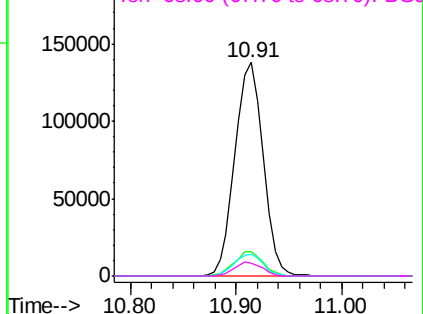
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tgt Ion: 136 Resp: 255373
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 10.2 7.9 11.9
68 6.0 4.8 7.2



Abundance

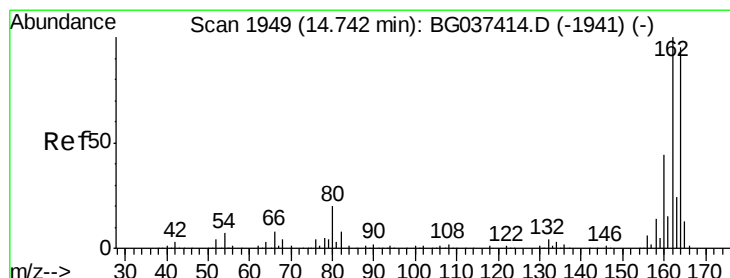
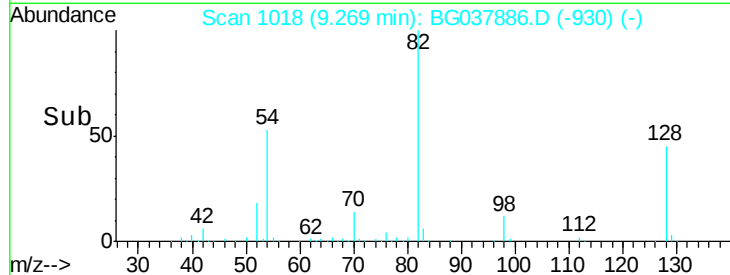
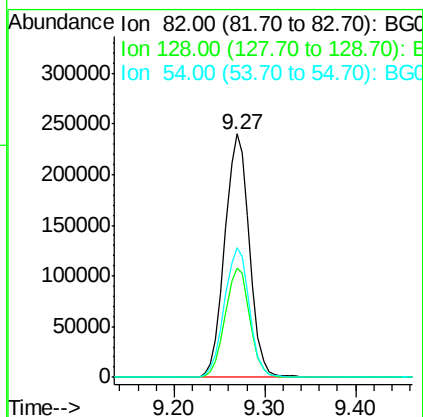
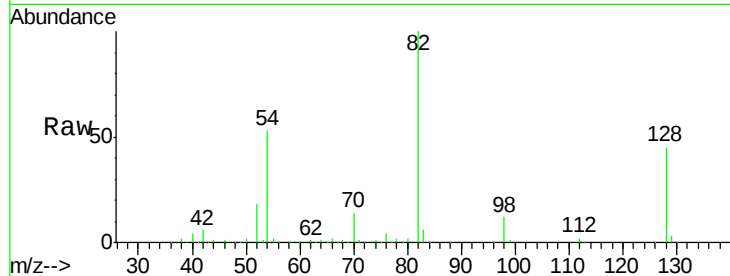
Ion 136.00 (135.70 to 136.70): BGC





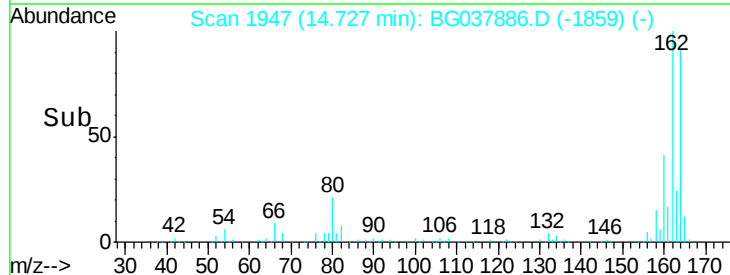
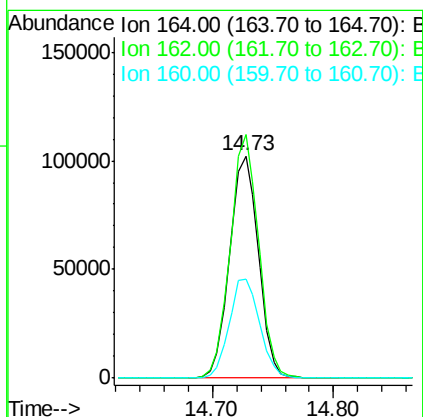
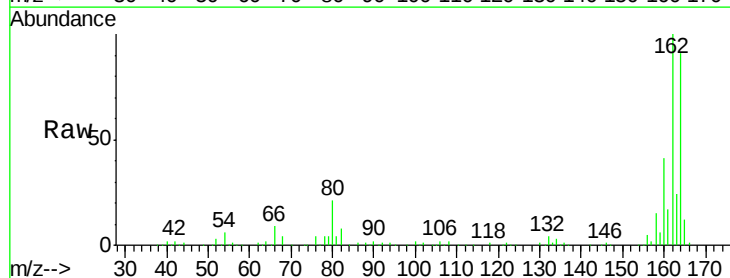
#23
 Nitrobenzene-d5
 Concen: 99.250 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

Tgt Ion: 82 Resp: 452450
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.6 51.8
 54 53.5 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.01 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

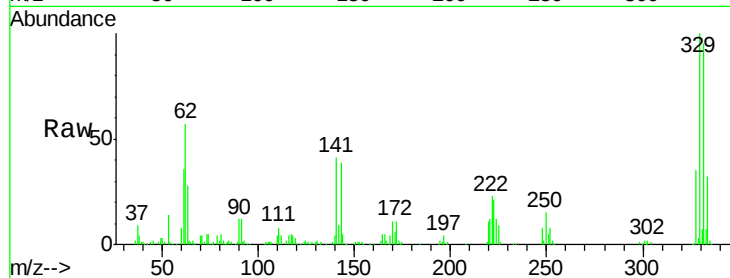
Tgt Ion: 164 Resp: 169924
 Ion Ratio Lower Upper
 164 100
 162 109.7 81.3 121.9
 160 44.8 36.3 54.5



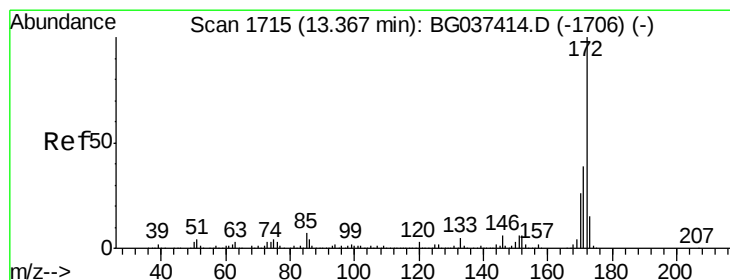
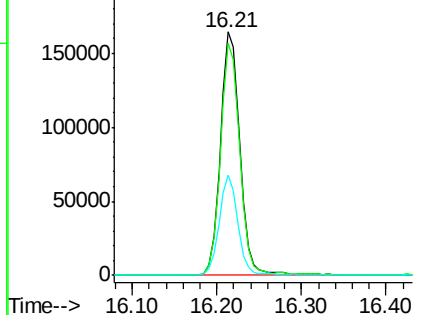
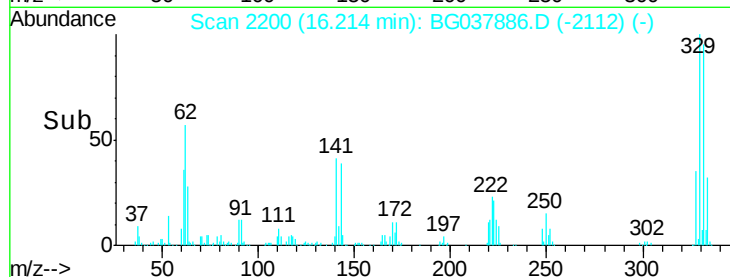


#42
 2,4,6-Tribromophenol
 Concen: 142.908 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

Tgt Ion:330 Resp: 264857
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.4 117.6
 141 39.3 32.2 48.2

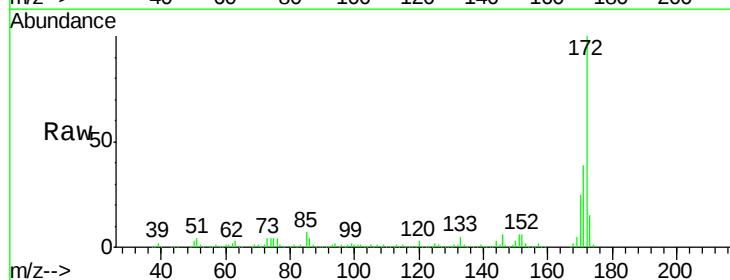


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

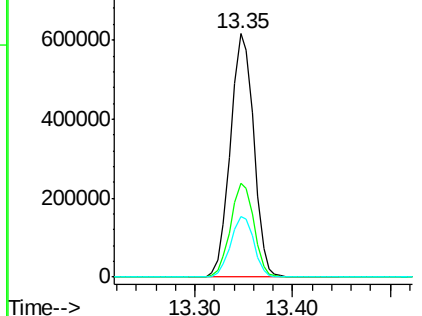
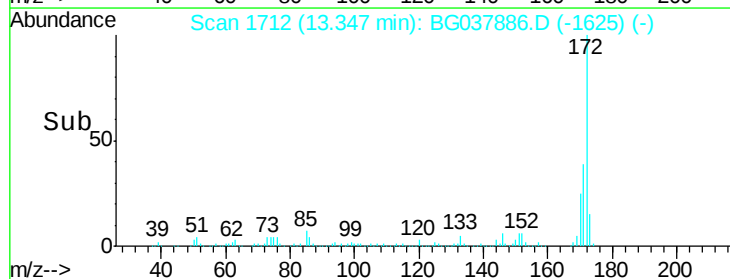


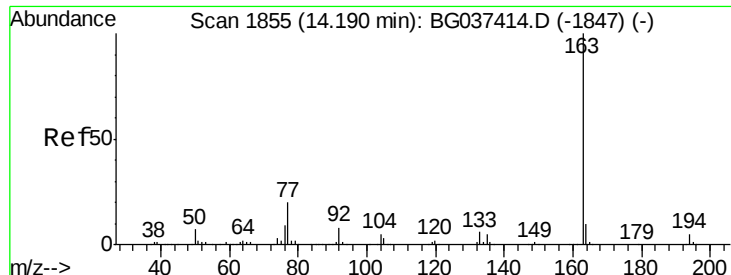
#45
 2-Fluorobiphenyl
 Concen: 91.247 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

Tgt Ion:172 Resp: 1028230
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 25.1 20.2 30.2



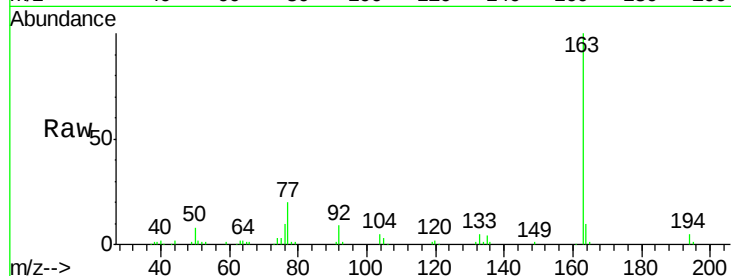
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



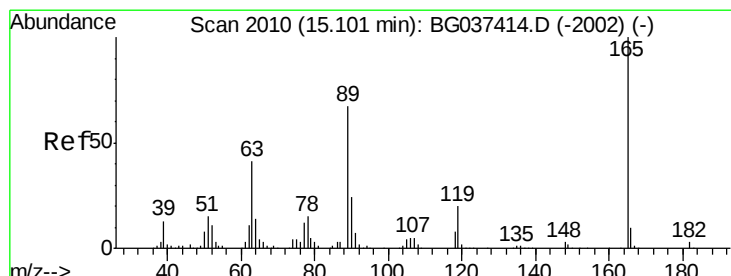
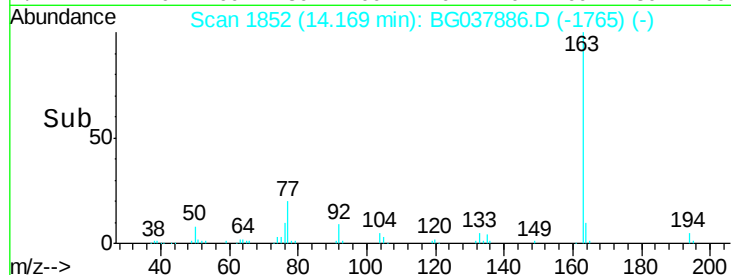
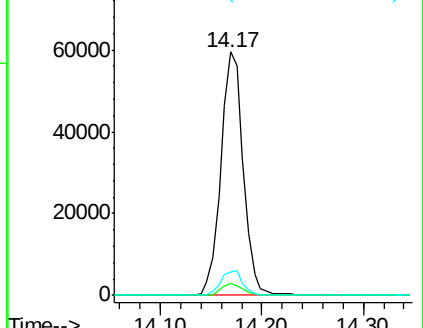


#50
Dimethylphthalate
Concen: 6.951 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tgt Ion:163 Resp: 91375
Ion Ratio Lower Upper
163 100
194 4.8 3.5 5.3
164 9.5 8.5 12.7

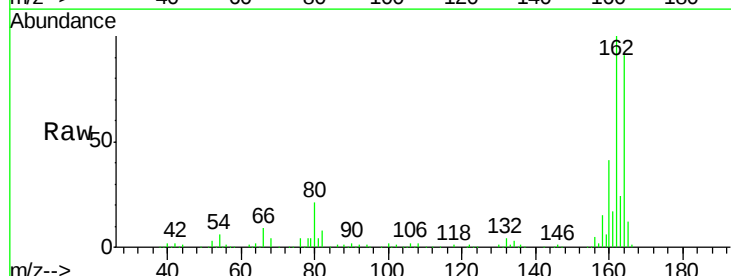


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

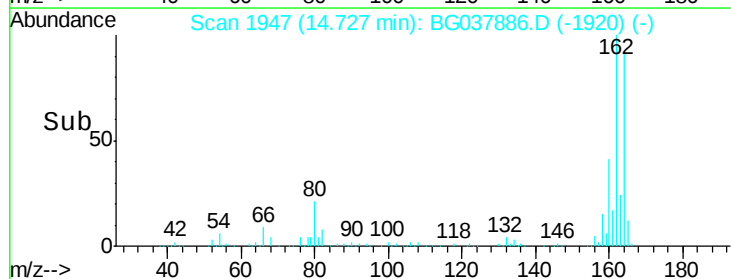
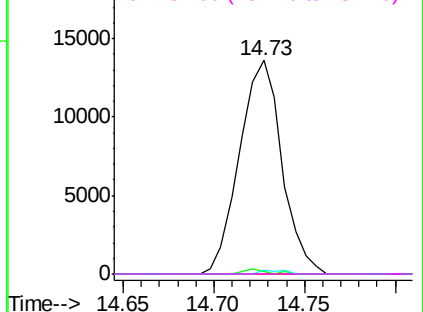


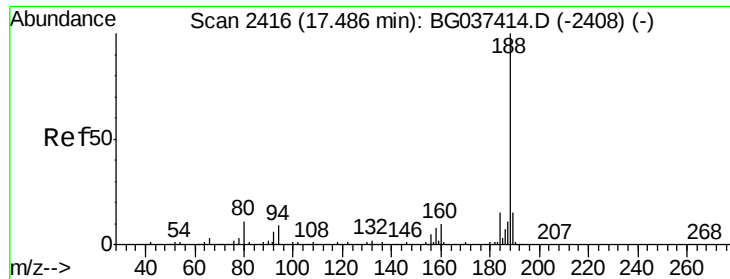
#57
2,4-Dinitrotoluene
Concen: 5.795 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.37 min
Lab File: BG037886.D
Acq: 8 Nov 2018 15:22

Tgt Ion:165 Resp: 22123
Ion Ratio Lower Upper
165 100
63 1.4 33.4 50.0#
89 1.7 57.2 85.8#
182 0.0 2.6 4.0#



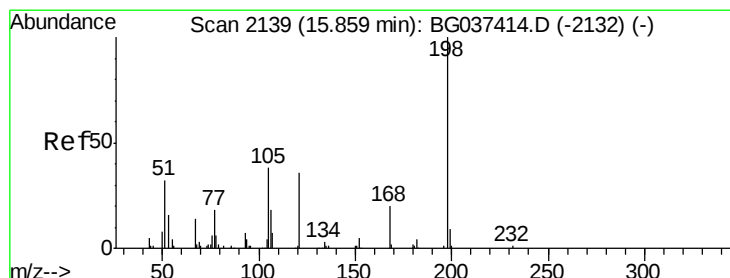
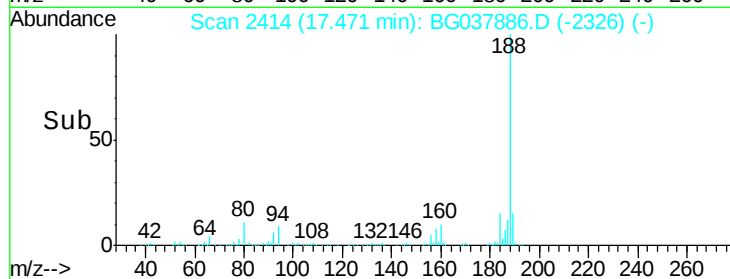
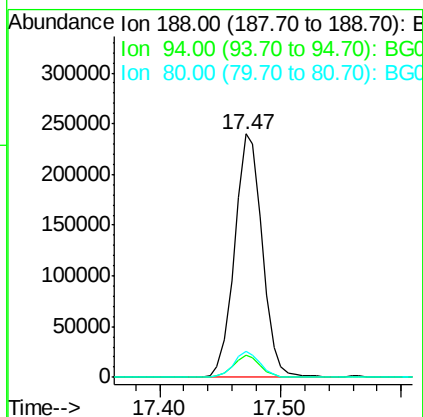
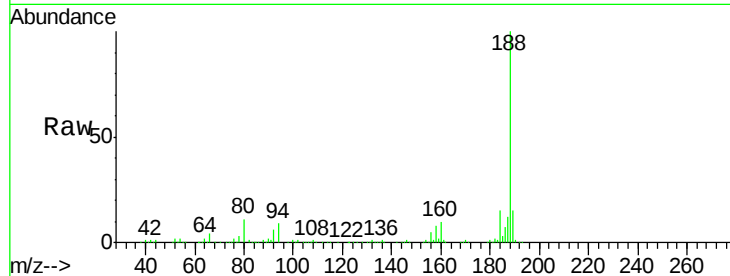
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





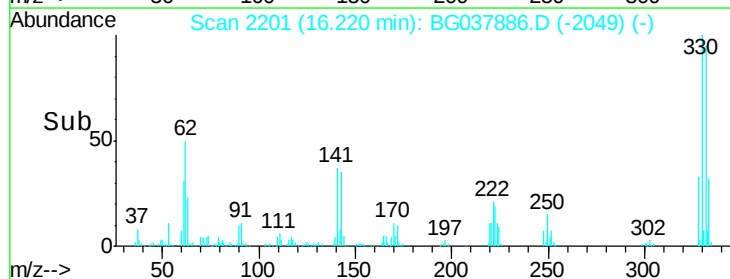
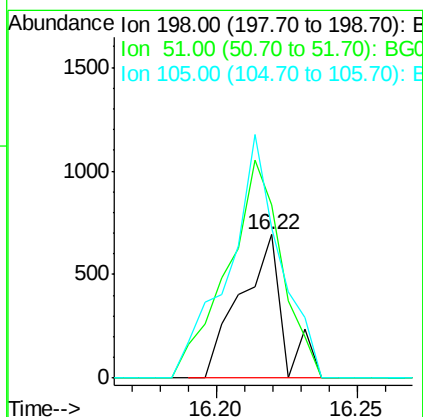
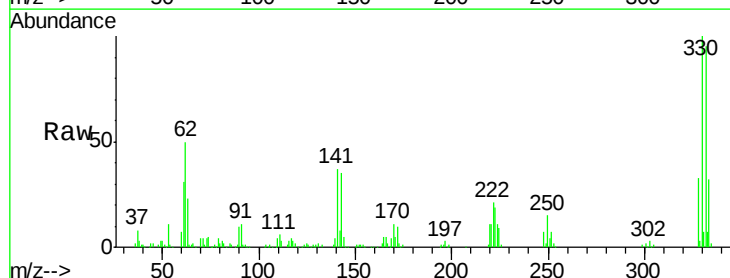
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

Tgt Ion:188 Resp: 381553
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.2 10.8
 80 10.9 7.7 11.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.803 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

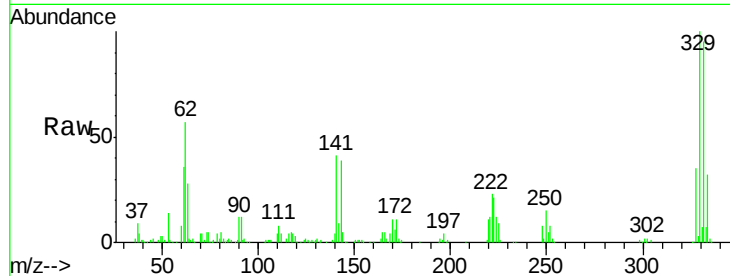
Tgt Ion:198 Resp: 718
 Ion Ratio Lower Upper
 198 100
 51 29.7 22.7 62.7
 105 25.6 19.7 59.7



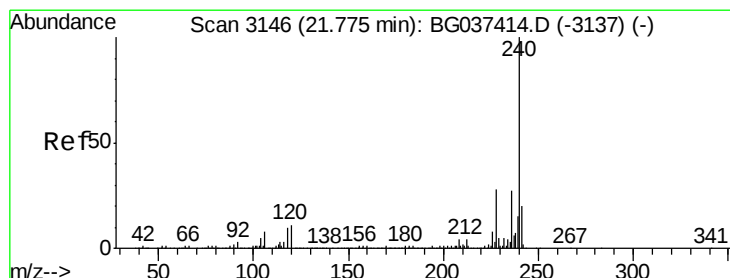
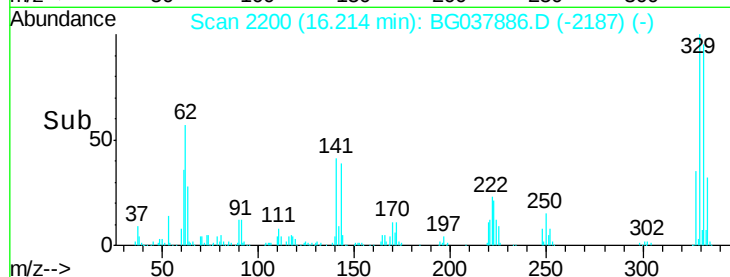
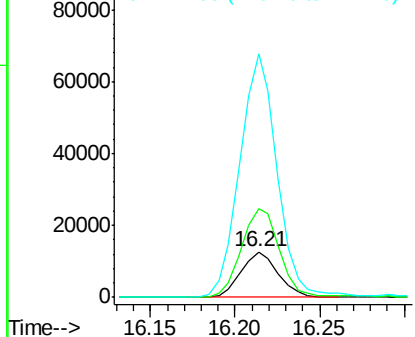


#67
 4-Bromophenyl-phenylether
 Concen: 4.602 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

Tgt Ion:248 Resp: 19284
 Ion Ratio Lower Upper
 248 100
 250 195.5 77.0 115.6#
 141 410.9 55.5 83.3#

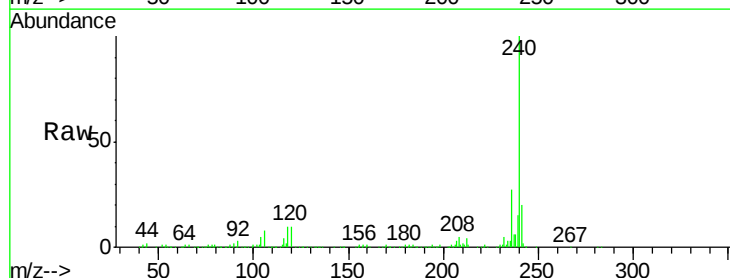


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

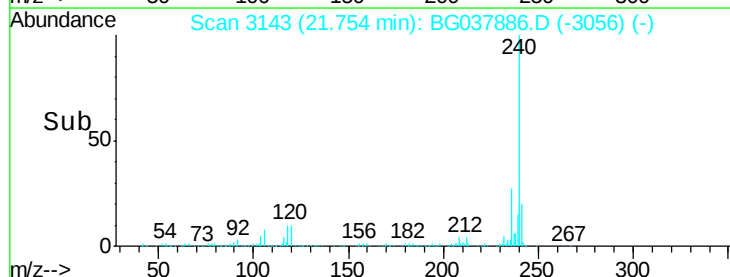
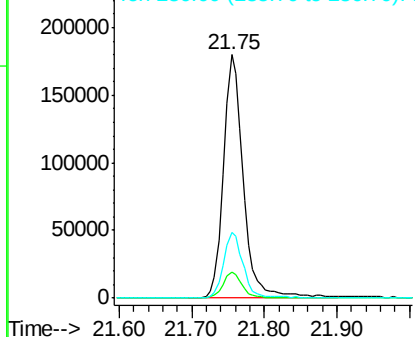


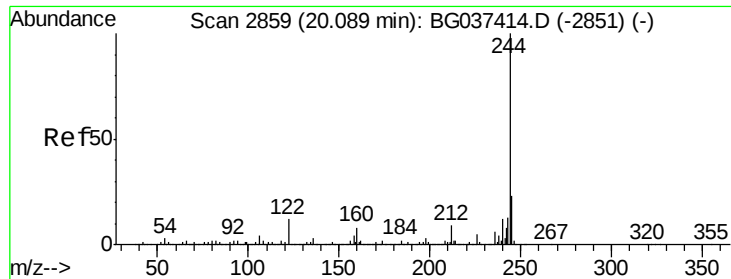
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037886.D
 Acq: 8 Nov 2018 15:22

Tgt Ion:240 Resp: 343647
 Ion Ratio Lower Upper
 240 100
 120 10.5 8.1 12.1
 236 26.9 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: 81.662 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037886.D

Acq: 8 Nov 2018 15:22

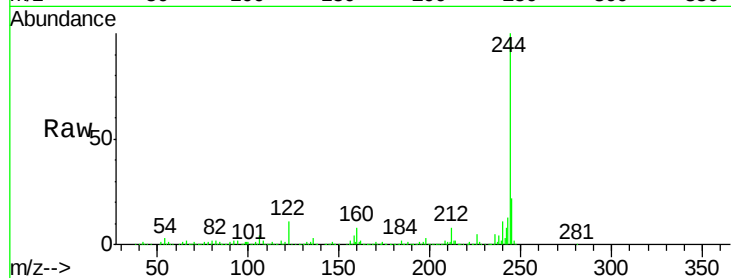
Tgt Ion:244 Resp: 1313336

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

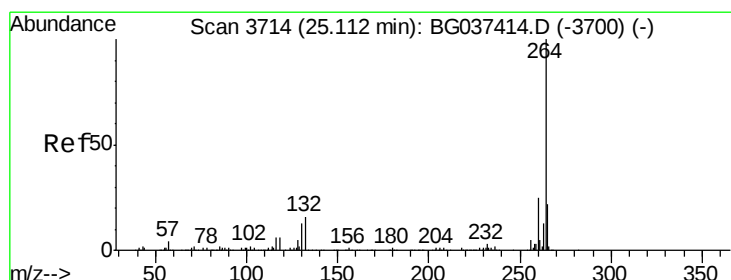
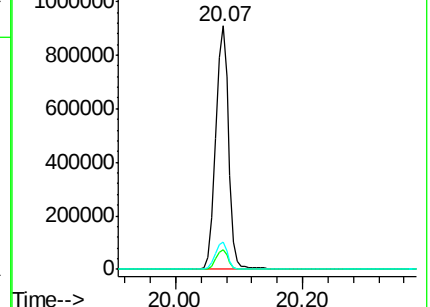
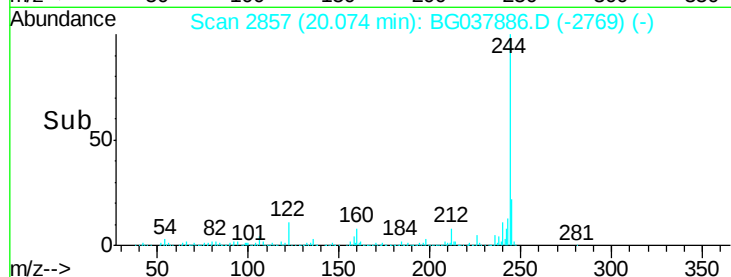
122 11.2 9.0 13.4



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: 25.09 min Scan# 3710

Delta R.T. -0.03 min

Lab File: BG037886.D

Acq: 8 Nov 2018 15:22

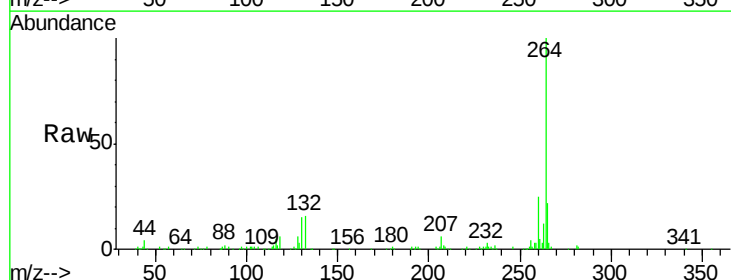
Tgt Ion:264 Resp: 311826

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 21.6 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

