

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037917.D
 Acq On : 9 Nov 2018 12:44
 Operator : JU/SJ
 Sample : J5851-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

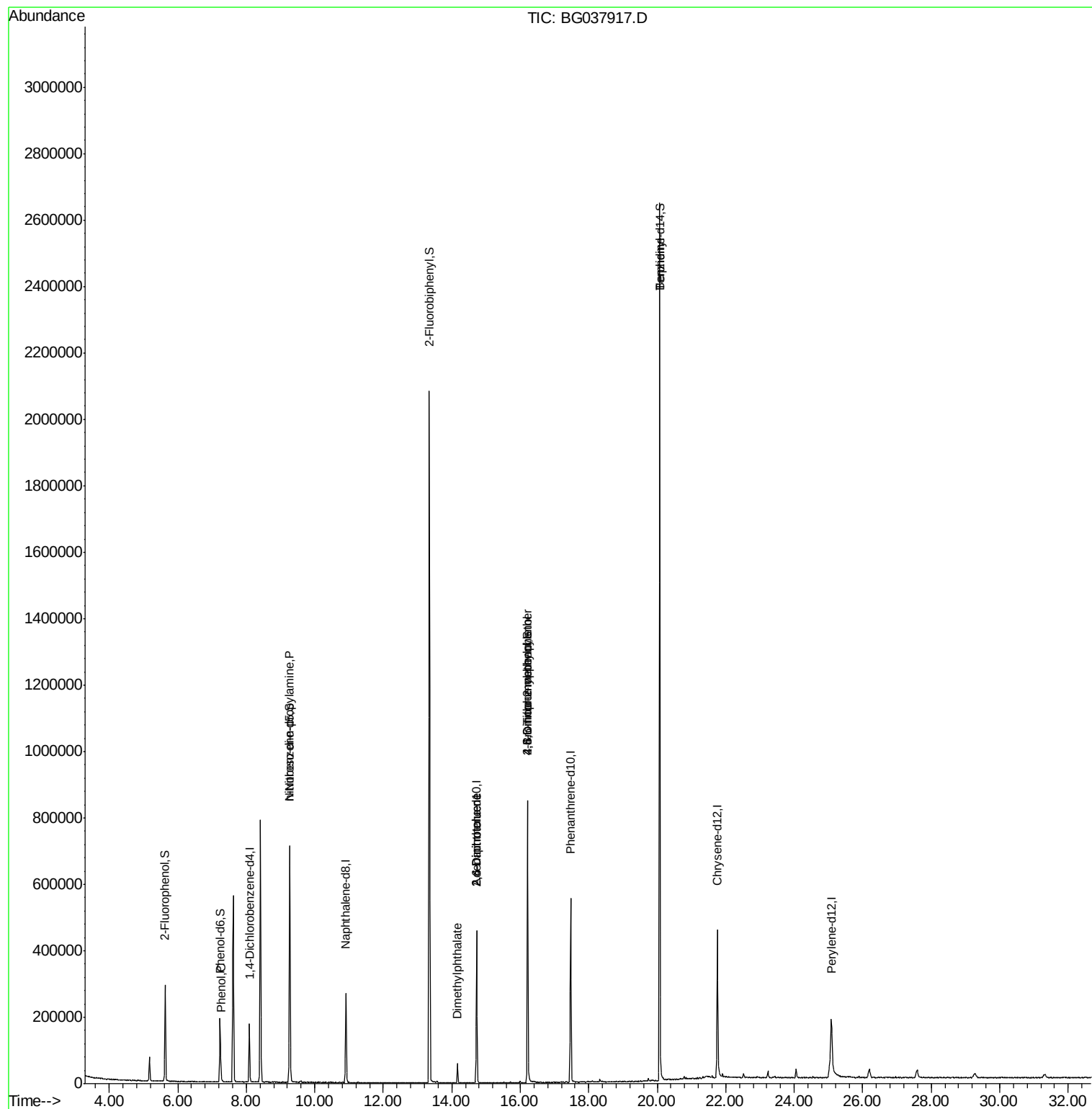
Quant Time: Nov 09 14:46:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

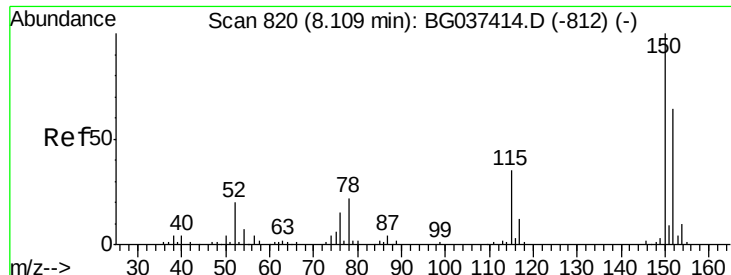
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	53645	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	255121	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	168337	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	357874	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	312602	20.00	ng	-0.02
87) Perylene-d12	25.08	264	272745	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	140063	43.65	ng	-0.01
7) Phenol-d6	7.24	99	126056	25.98	ng	-0.01
23) Nitrobenzene-d5	9.27	82	452971	99.46	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	163058	88.81	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1135986	101.76	ng	-0.02
79) Terphenyl-d14	20.07	244	1320230	90.24	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	19095	3.730	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	9.27	70	55997	16.760	ng	# 73
50) Dimethylphthalate	14.17	163	41767	3.207	ng	97
51) 2,6-Dinitrotoluene	14.73	165	22014	7.641	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	22014	5.821	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	409	8.687	ng	84
67) 4-Bromophenyl-phenylether	16.21	248	11645	2.963	ng	# 1
77) Benzidine	20.07	184	21867	2.057	ng	# 92

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

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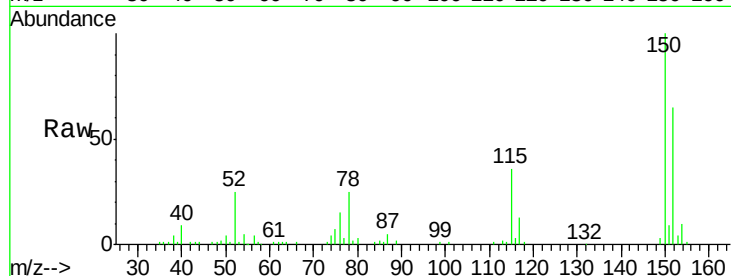




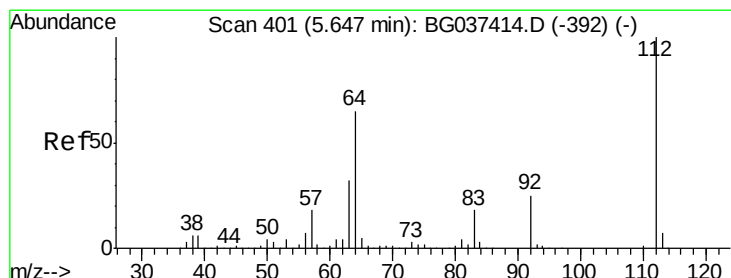
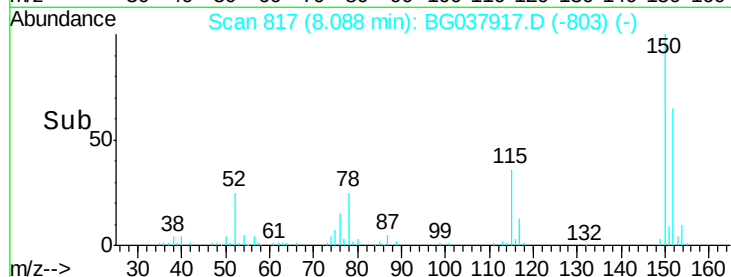
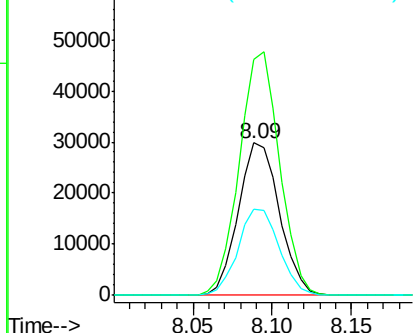
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037917.D
Acq: 9 Nov 2018 12:44

Tgt Ion:152 Resp: 53645
Ion Ratio Lower Upper
152 100
150 155.0 126.0 189.0
115 56.5 45.5 68.3



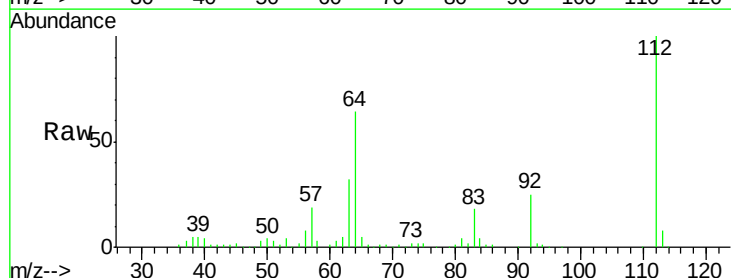
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



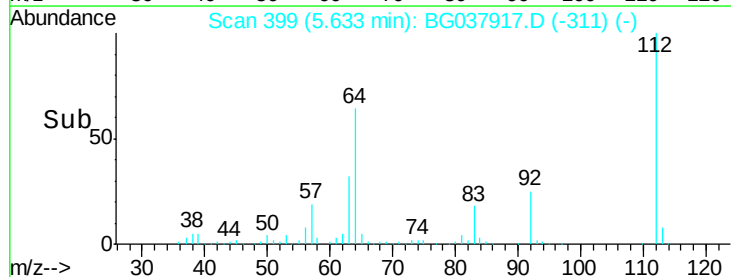
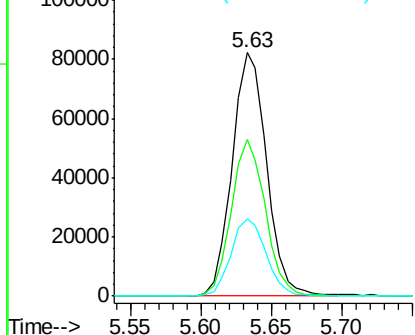
#5

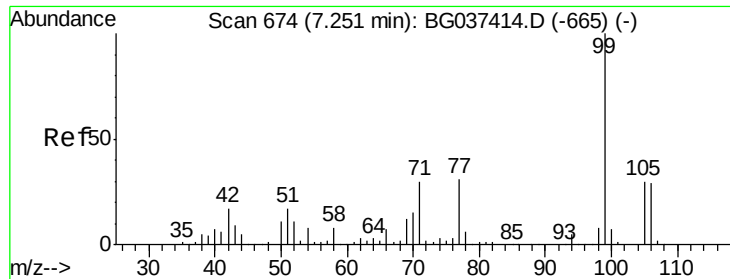
2-Fluorophenol
Concen: 43.651 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037917.D
Acq: 9 Nov 2018 12:44

Tgt Ion:112 Resp: 140063
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 31.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 25.980 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037917.D

Acq: 9 Nov 2018 12:44

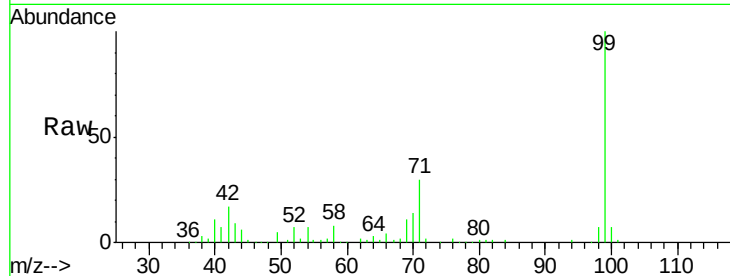
Tgt Ion: 99 Resp: 126056

Ion Ratio Lower Upper

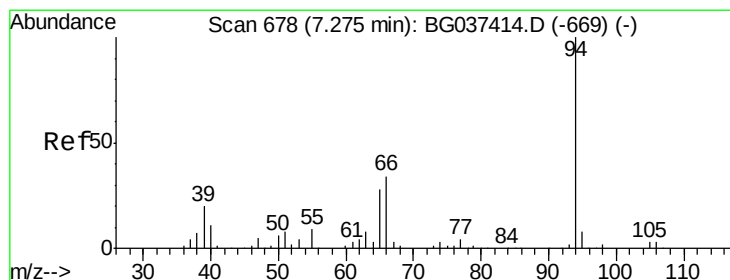
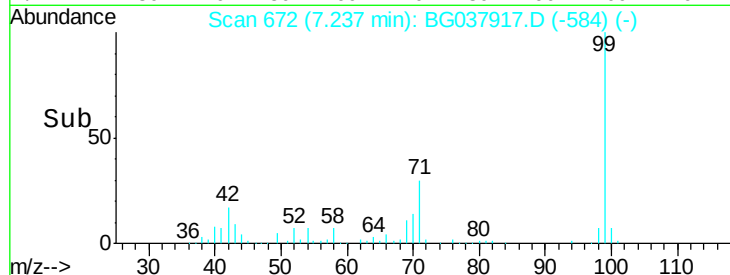
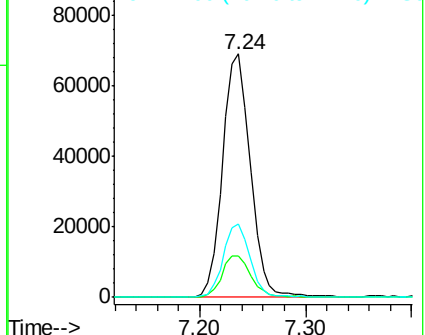
99 100

42 17.2 15.0 22.4

71 30.1 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: 3.730 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037917.D

Acq: 9 Nov 2018 12:44

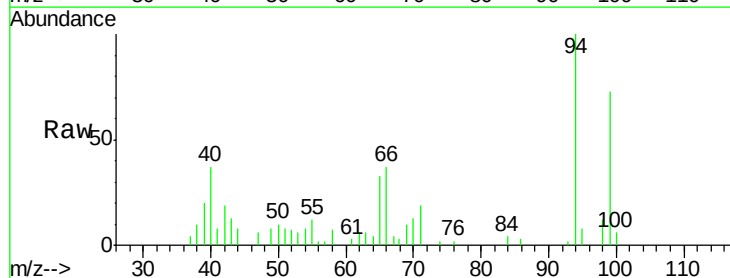
Tgt Ion: 94 Resp: 19095

Ion Ratio Lower Upper

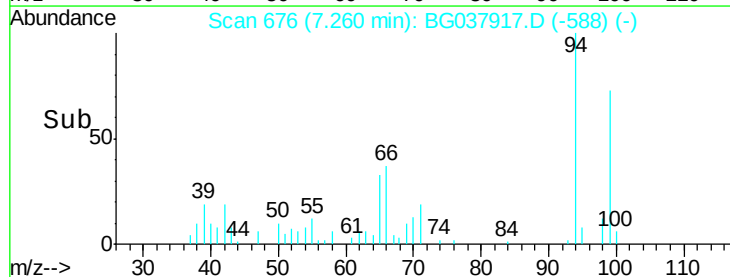
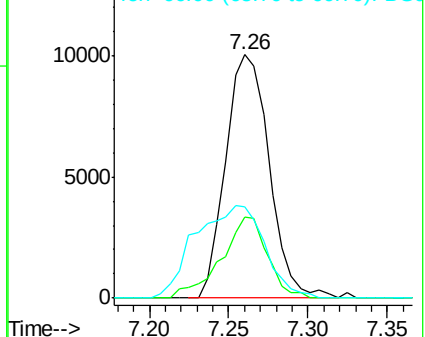
94 100

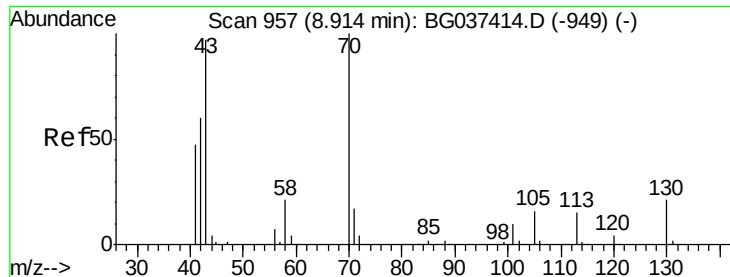
65 33.3 9.7 49.7

66 37.4 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: 16.760 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037917.D

Acq: 9 Nov 2018 12:44

Tgt Ion: 70 Resp: 55997

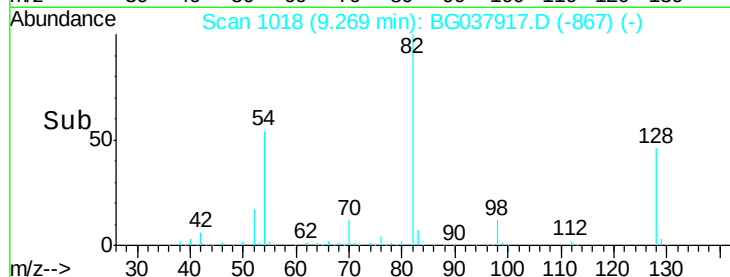
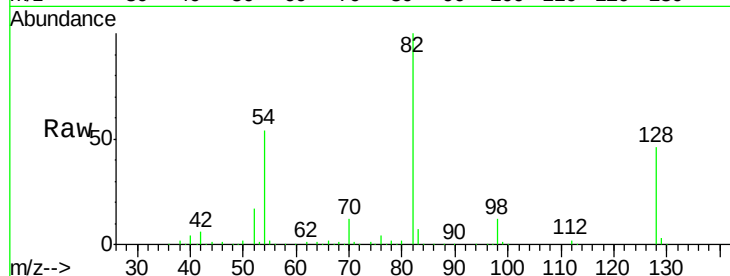
Ion Ratio Lower Upper

70 100

42 49.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.6 18.2 27.4#

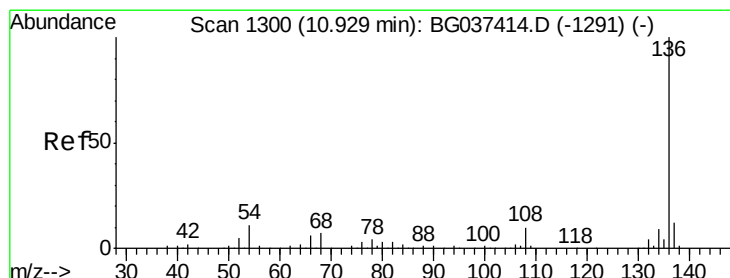
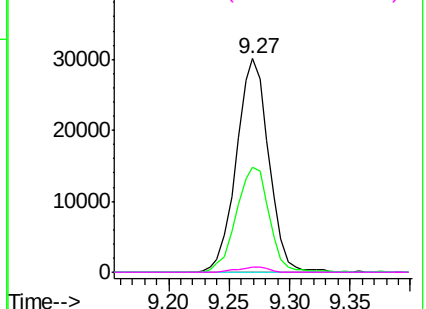


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037917.D

Acq: 9 Nov 2018 12:44

Tgt Ion: 136 Resp: 255121

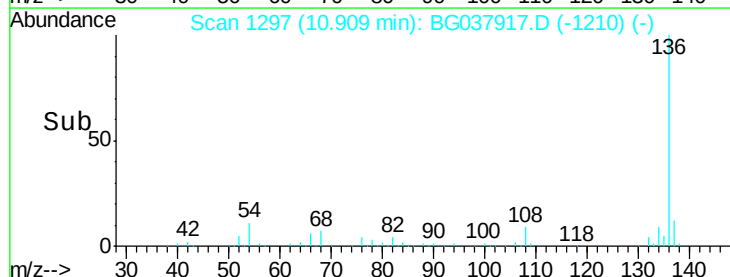
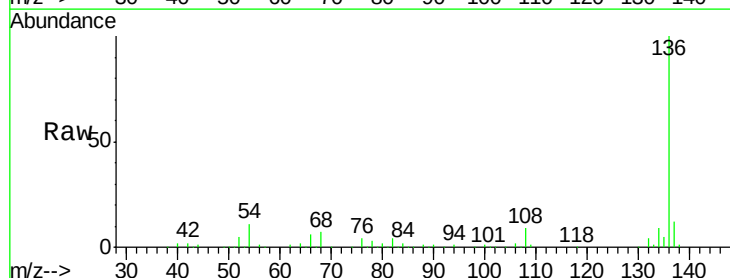
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 11.1 7.9 11.9

68 7.2 4.8 7.2#

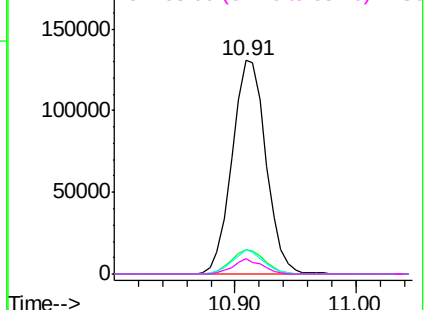


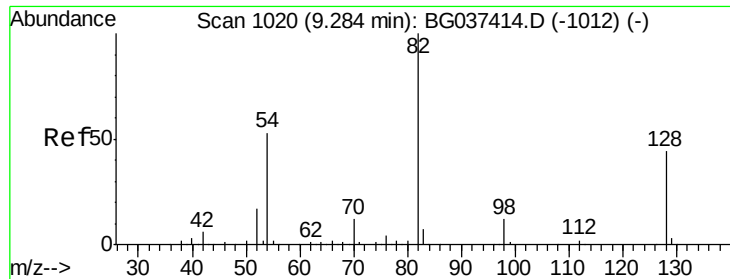
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 99.462 ng

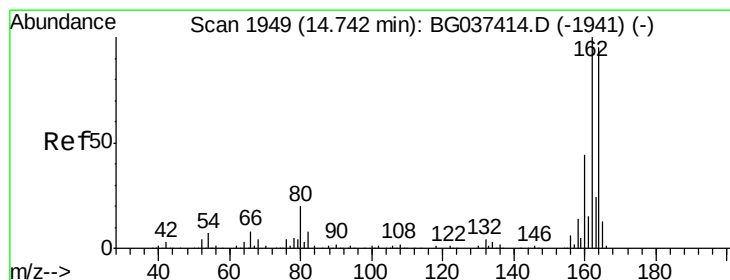
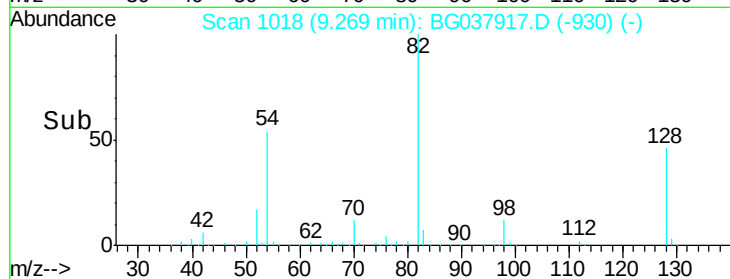
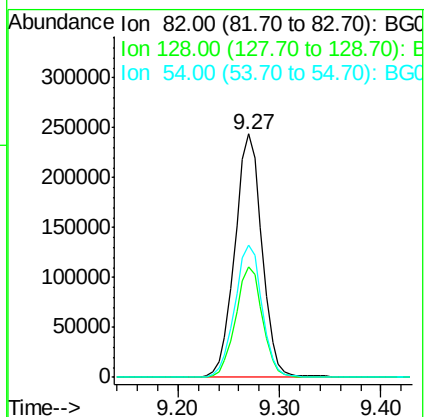
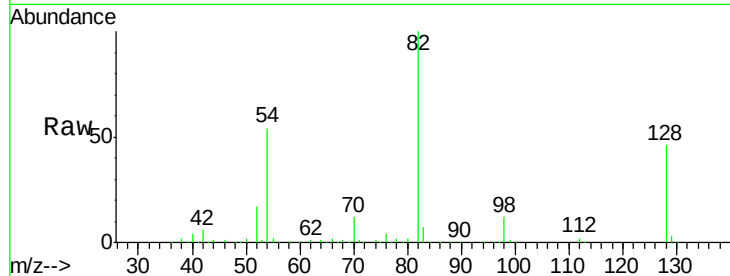
RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037917.D

Acq: 9 Nov 2018 12:44

Tgt Ion:	82	Resp:	452971
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	54.5	45.3	67.9



#39

Acenaphthene-d10

Concen: 20.000 ng

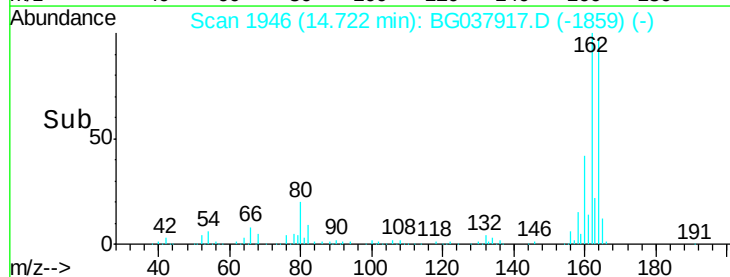
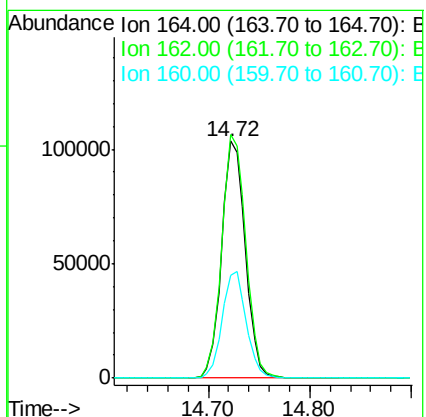
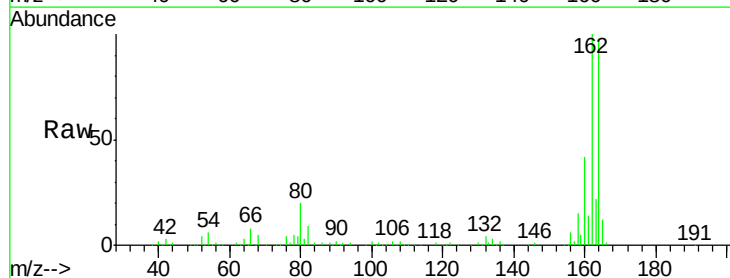
RT: 14.72 min Scan# 1946

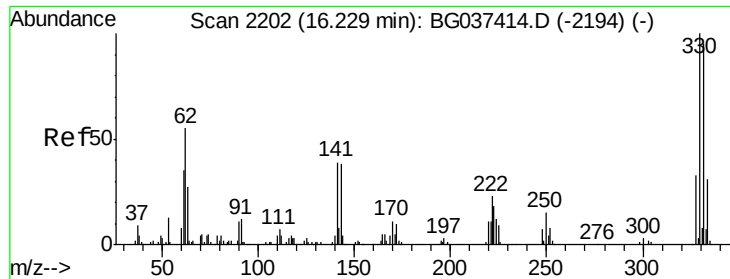
Delta R.T. -0.02 min

Lab File: BG037917.D

Acq: 9 Nov 2018 12:44

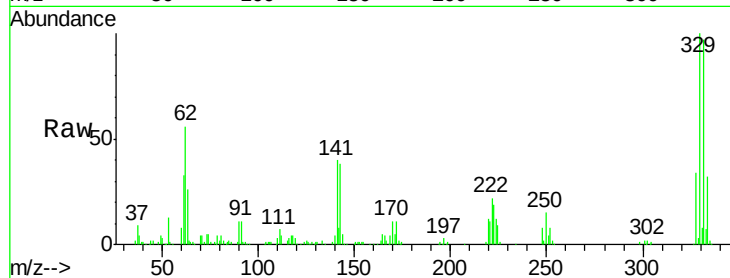
Tgt Ion:	164	Resp:	168337
Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.3	121.9
160	43.5	36.3	54.5



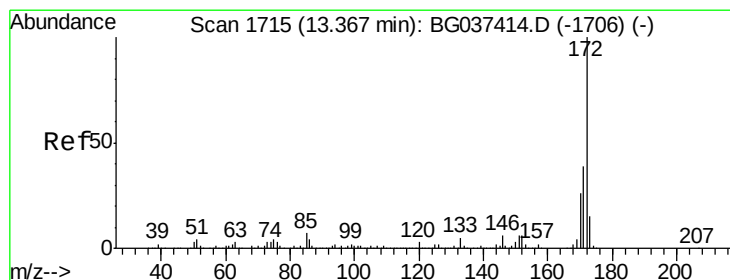
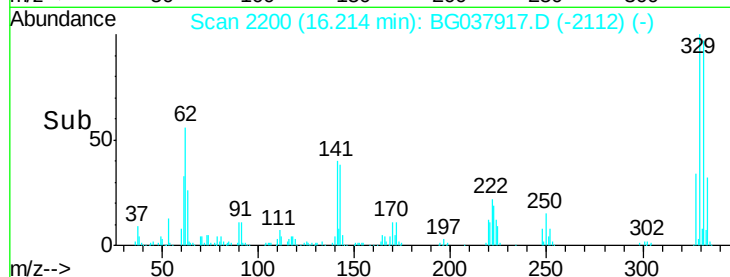
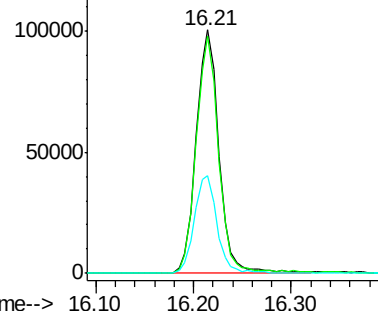


#42
 2,4,6-Tribromophenol
 Concen: 88.810 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037917.D
 Acq: 9 Nov 2018 12:44

Tgt Ion:330 Resp: 163058
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.4 117.6
 141 40.0 32.2 48.2

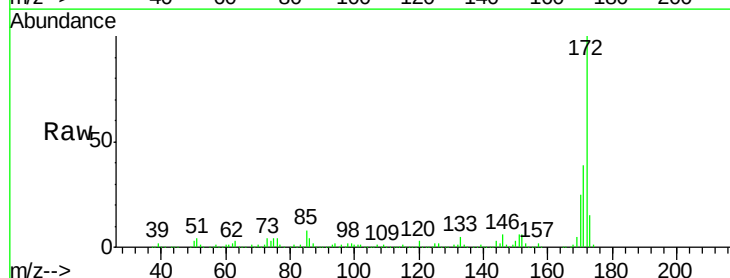


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

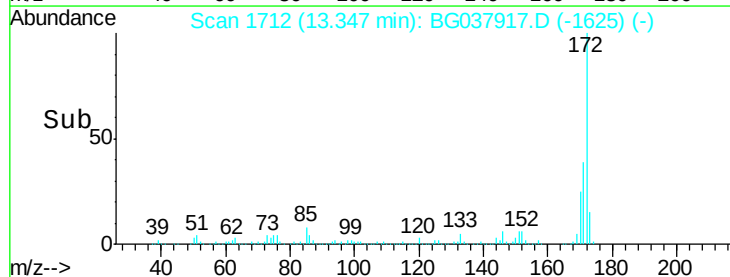
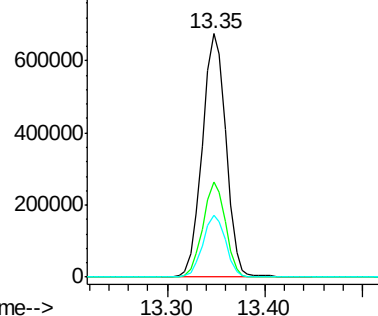


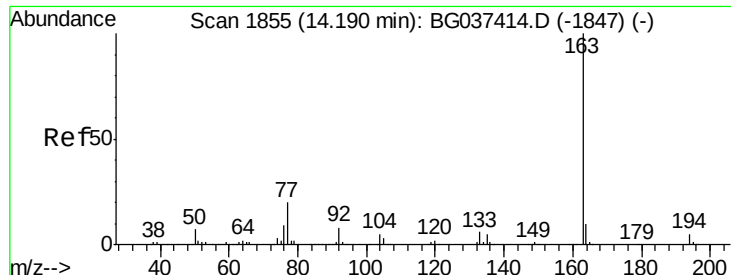
#45
 2-Fluorobiphenyl
 Concen: 101.760 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037917.D
 Acq: 9 Nov 2018 12:44

Tgt Ion:172 Resp: 1135986
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.0 46.4
 170 25.5 20.2 30.2



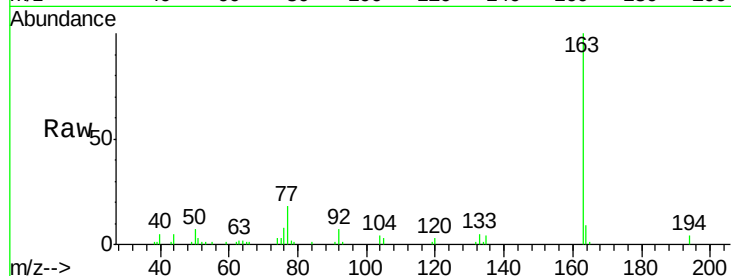
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



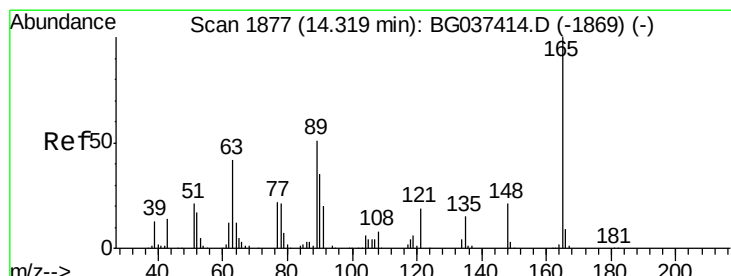
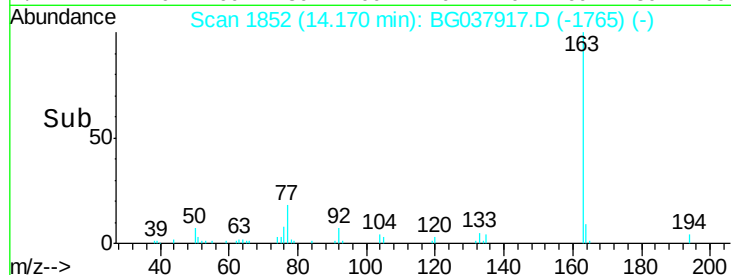
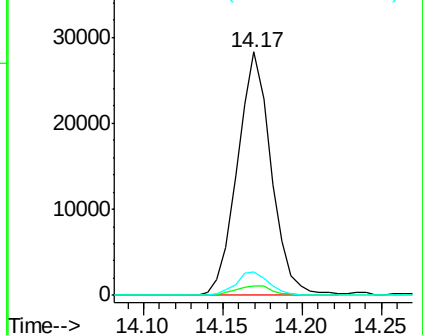


#50
Dimethylphthalate
Concen: 3.207 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037917.D
Acq: 9 Nov 2018 12:44

Tgt Ion:163 Resp: 41767
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 9.5 8.5 12.7

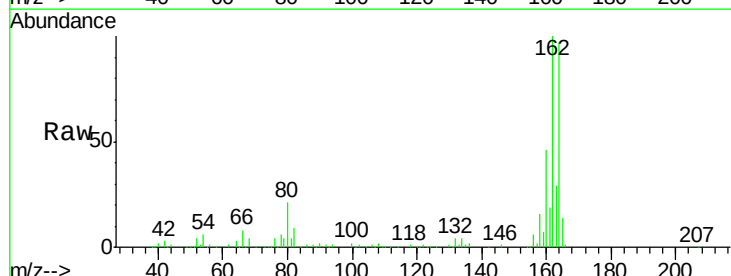


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

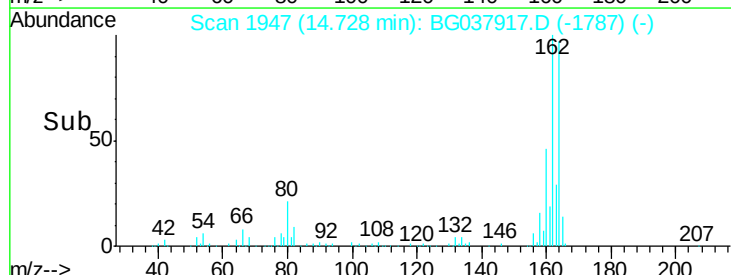
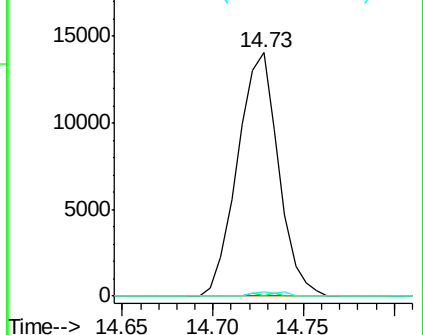


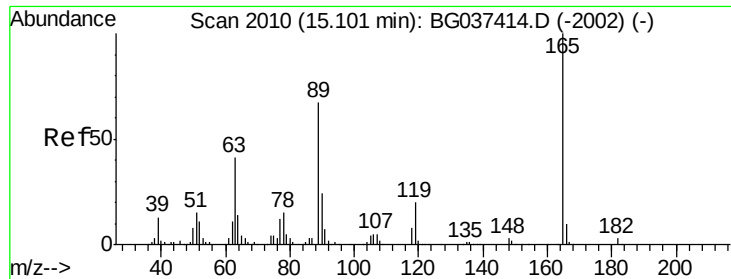
#51
2,6-Dinitrotoluene
Concen: 7.641 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037917.D
Acq: 9 Nov 2018 12:44

Tgt Ion:165 Resp: 22014
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.6 45.8 68.6#



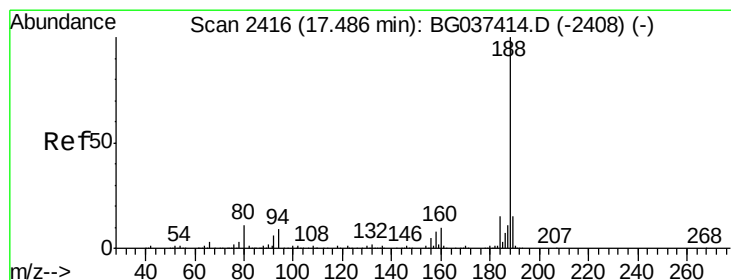
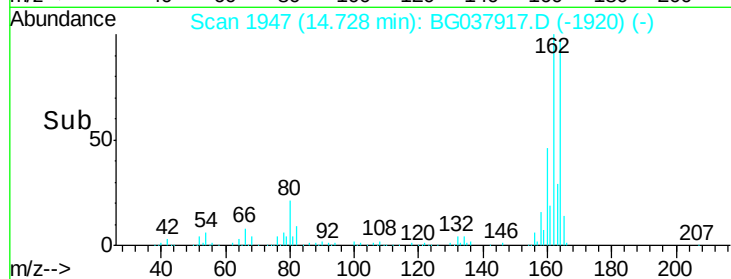
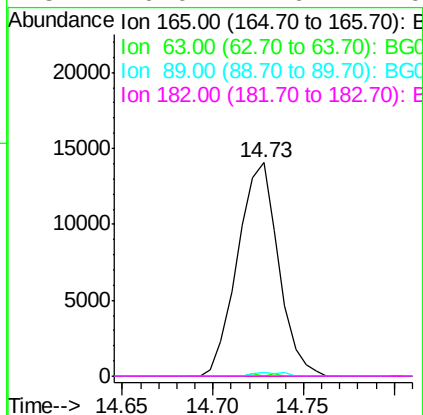
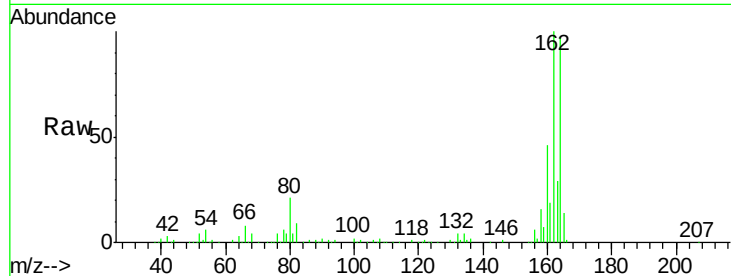
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





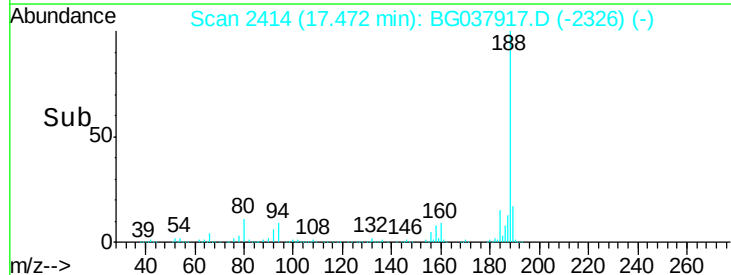
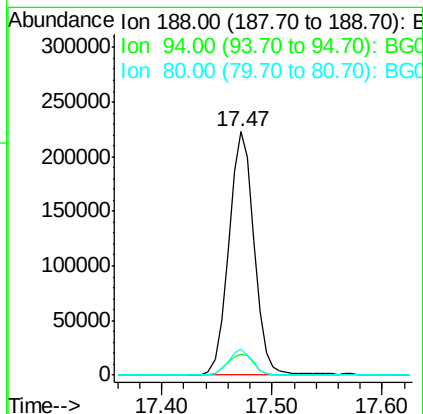
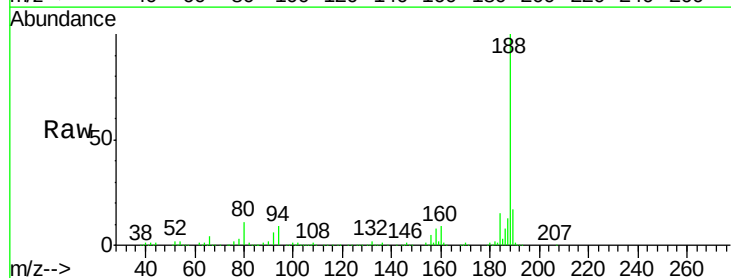
#57
 2,4-Dinitrotoluene
 Concen: 5.821 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037917.D
 Acq: 9 Nov 2018 12:44

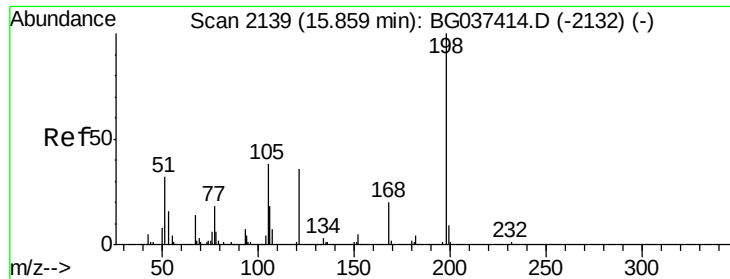
Tgt Ion:	165	Resp:	22014
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037917.D
 Acq: 9 Nov 2018 12:44

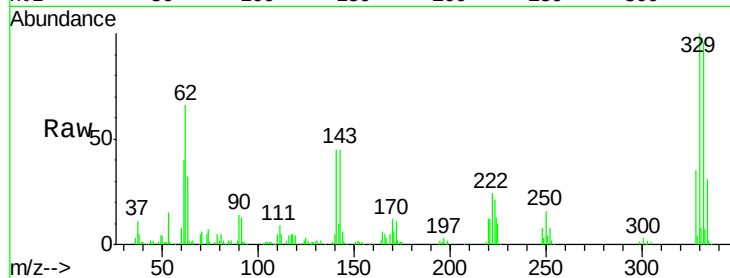
Tgt Ion:	188	Resp:	357874
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.9	7.7	11.5



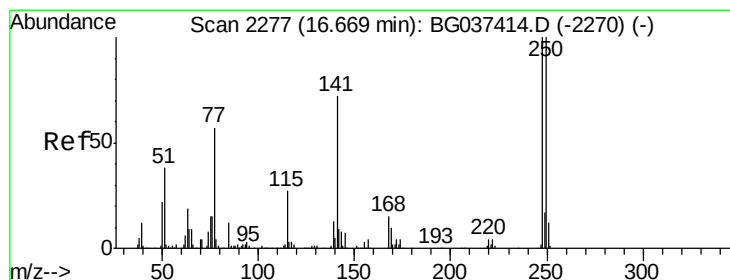
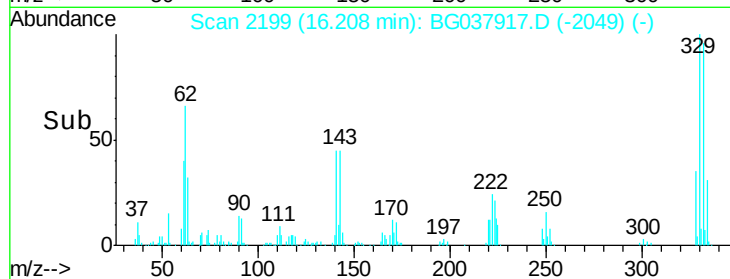
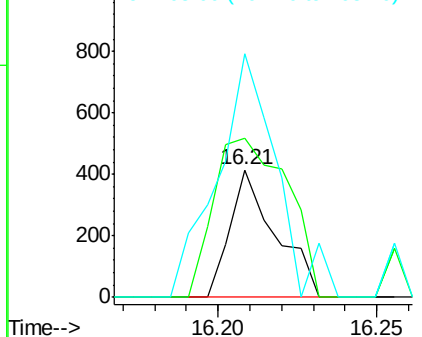


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.687 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037917.D
 Acq: 9 Nov 2018 12:44

Tgt Ion:198 Resp: 409
 Ion Ratio Lower Upper
 198 100
 51 24.8 22.7 62.7
 105 38.0 19.7 59.7

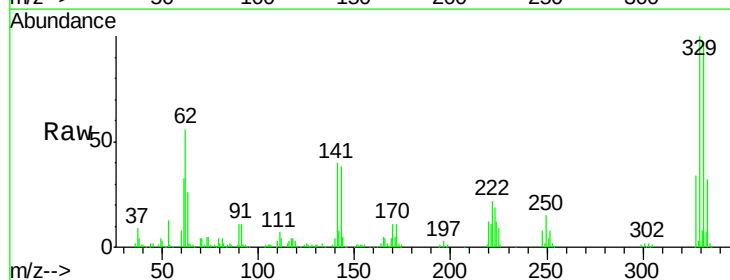


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

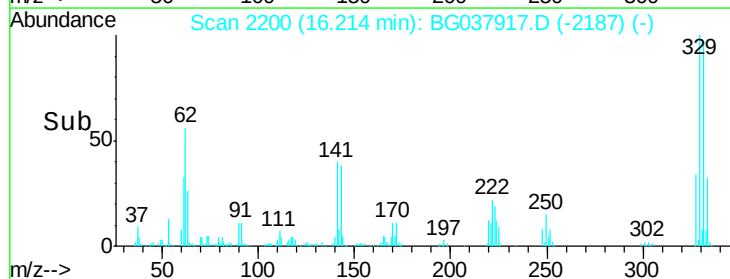
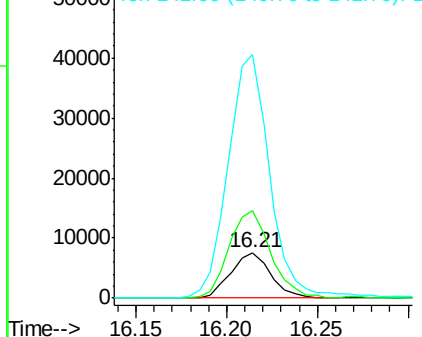


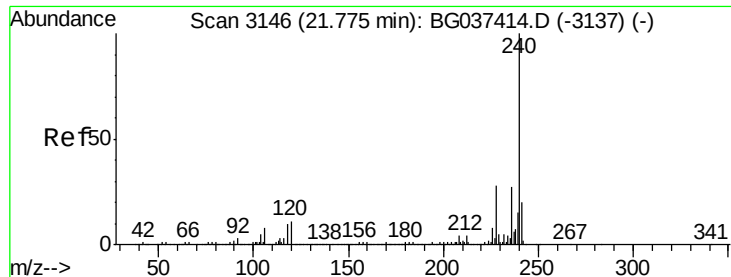
#67
 4-Bromophenyl-phenylether
 Concen: 2.963 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037917.D
 Acq: 9 Nov 2018 12:44

Tgt Ion:248 Resp: 11645
 Ion Ratio Lower Upper
 248 100
 250 194.2 77.0 115.6#
 141 416.4 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: BG037917.D

Acq: 9 Nov 2018 12:44

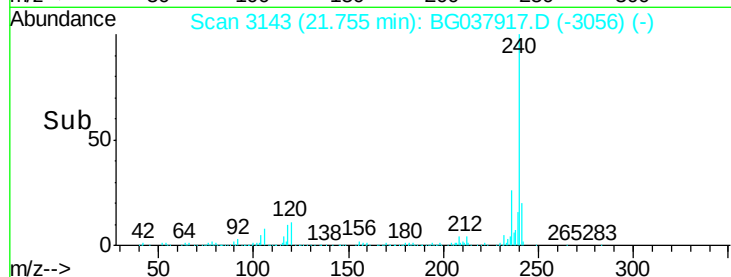
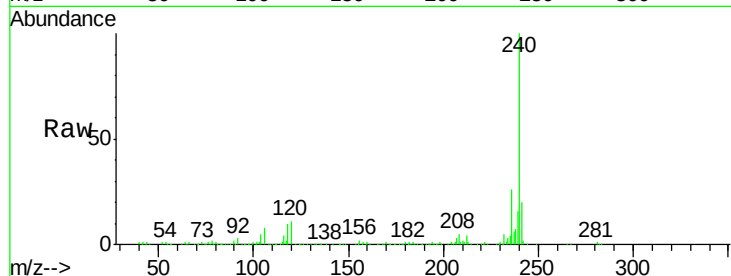
Tgt Ion:240 Resp: 312602

Ion Ratio Lower Upper

240 100

120 10.8 8.1 12.1

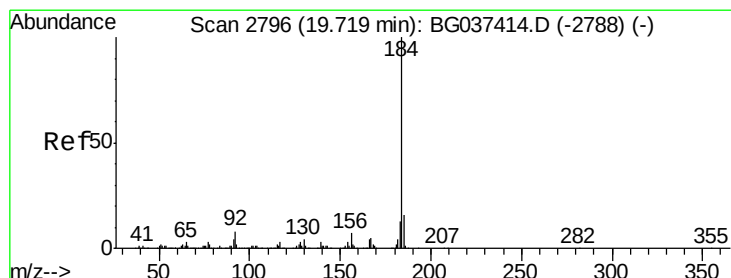
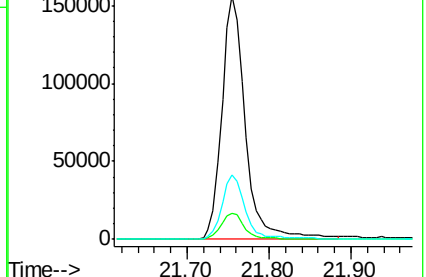
236 26.2 21.4 32.0



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



#77

Benzidine

Concen: 2.057 ng

RT: 20.07 min Scan# 2857

Delta R.T. 0.36 min

Lab File: BG037917.D

Acq: 9 Nov 2018 12:44

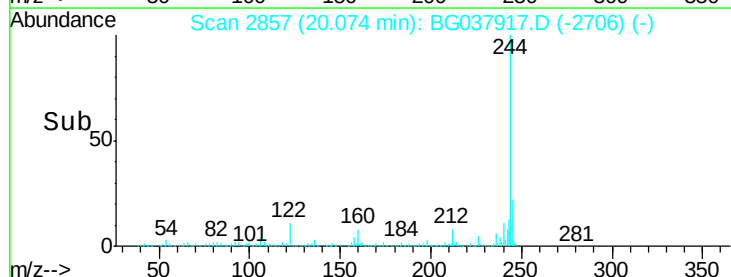
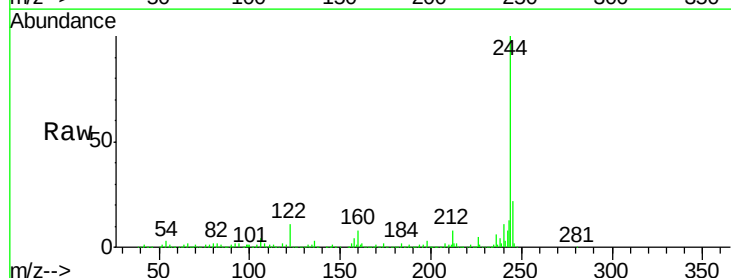
Tgt Ion:184 Resp: 21867

Ion Ratio Lower Upper

184 100

185 18.7 12.6 18.8

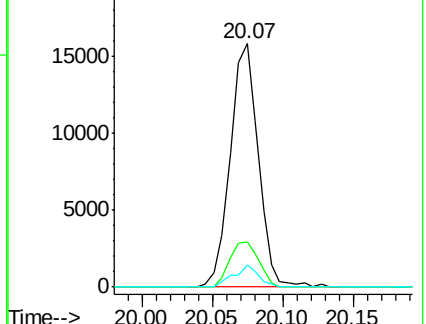
183 9.2 10.2 15.2#

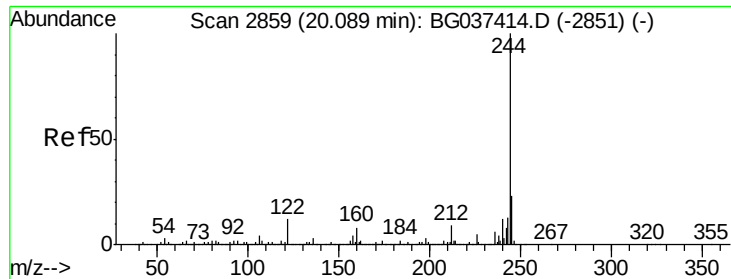


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 90.243 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037917.D

Acq: 9 Nov 2018 12:44

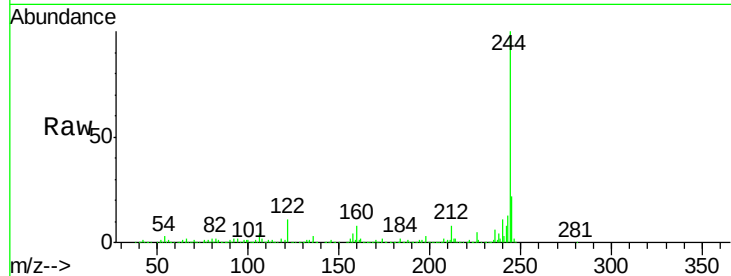
Tgt Ion:244 Resp: 1320230

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

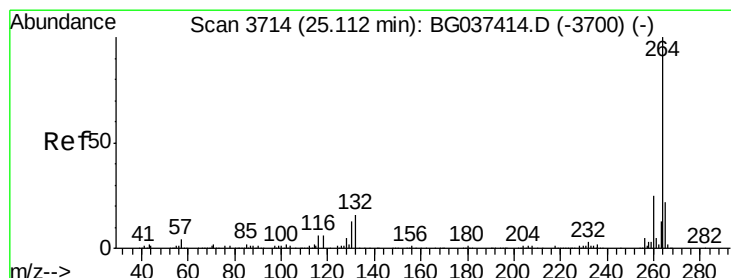
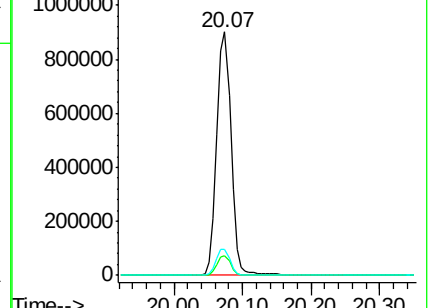
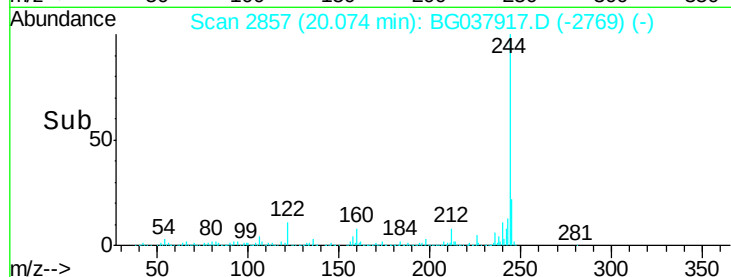
122 10.9 9.0 13.4



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: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037917.D

Acq: 9 Nov 2018 12:44

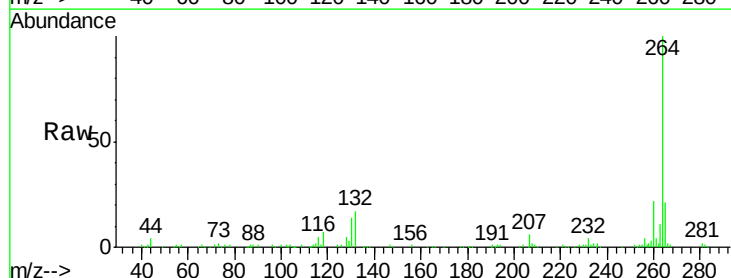
Tgt Ion:264 Resp: 272745

Ion Ratio Lower Upper

264 100

260 21.9 18.2 27.4

265 21.3 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

