

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037915.D
 Acq On : 9 Nov 2018 11:27
 Operator : JU/SJ
 Sample : J5851-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

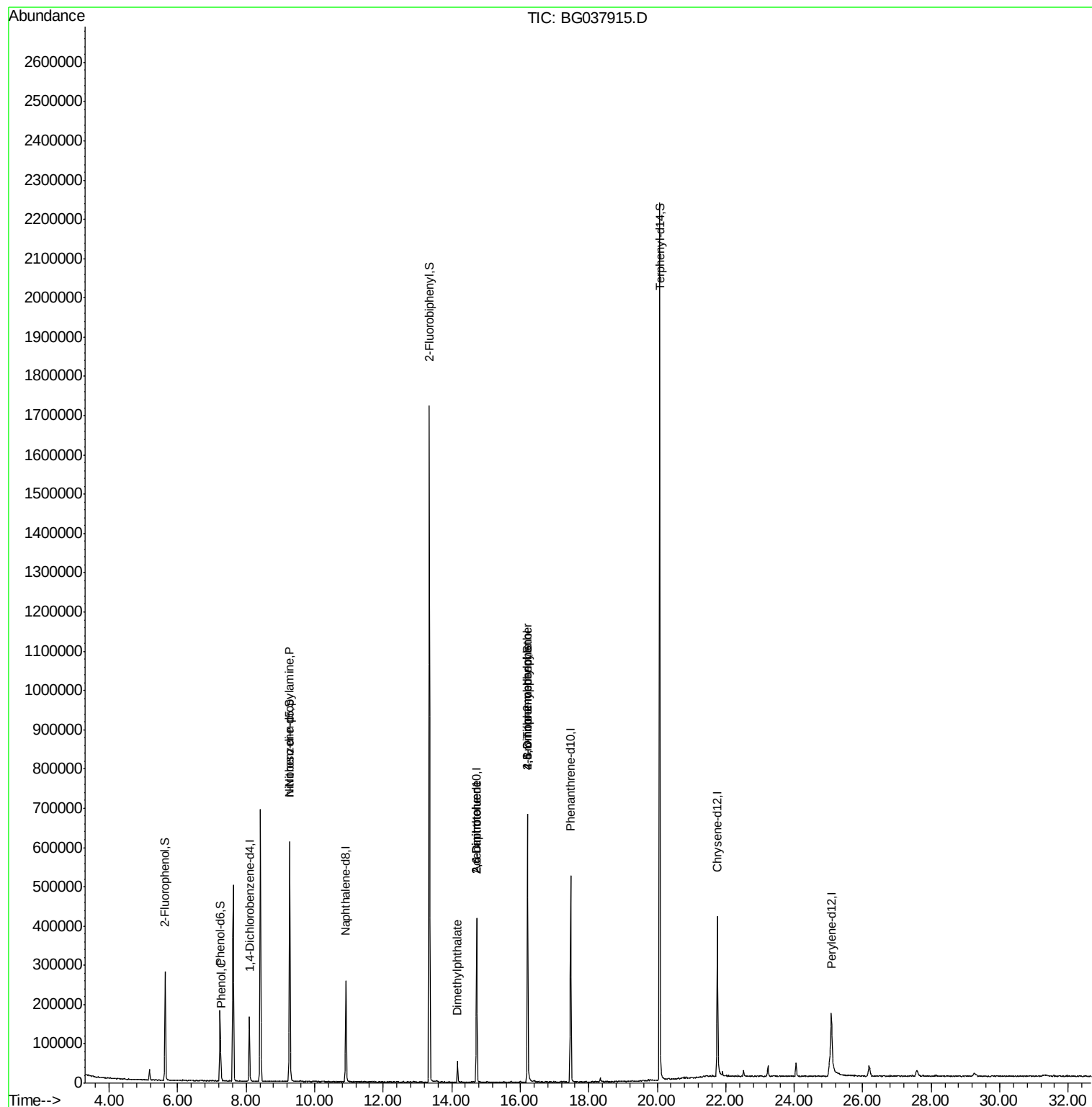
Quant Time: Nov 09 14:46:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

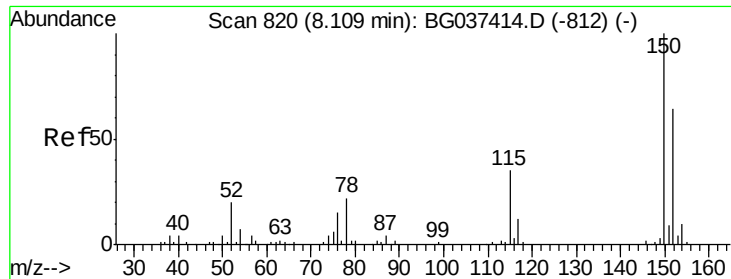
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50671	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	235251	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	150334	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	334281	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	289496	20.00	ng	-0.02
87) Perylene-d12	25.09	264	228410	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	131515	43.39	ng	-0.01
7) Phenol-d6	7.24	99	119742	26.13	ng	-0.01
23) Nitrobenzene-d5	9.27	82	389841	92.83	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	132899	81.05	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	973726	97.67	ng	-0.02
79) Terphenyl-d14	20.07	244	1161834	85.75	ng	-0.02
Target Compounds						
10) Phenol	7.26	94	23760	4.914	ng	96
19) n-Nitroso-di-n-propylamine	9.27	70	48818	15.469	ng	# 75
50) Dimethylphthalate	14.17	163	42771	3.678	ng	98
51) 2,6-Dinitrotoluene	14.73	165	20198	7.851	ng	# 24
57) 2,4-Dinitrotoluene	14.73	165	20198	5.981	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.21	198	348	8.671	ng	83
67) 4-Bromophenyl-phenylether	16.21	248	9939	2.707	ng	# 1

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

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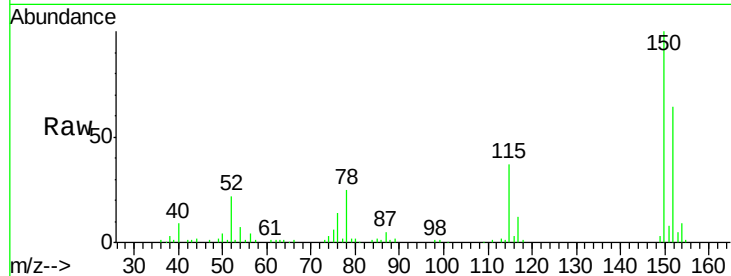




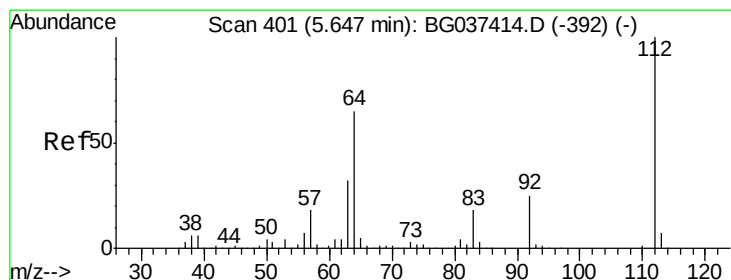
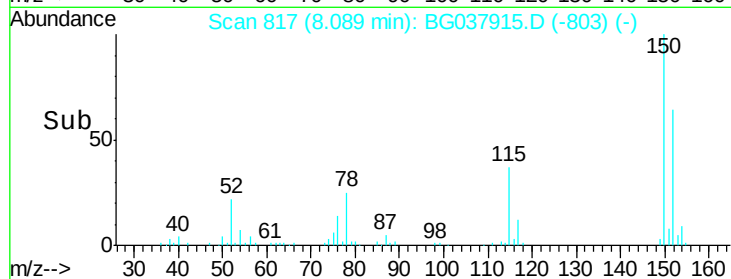
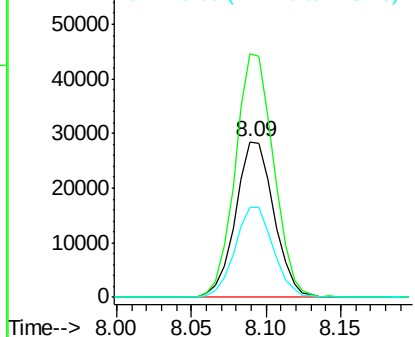
#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG037915.D
 Acq: 9 Nov 2018 11:27

Tgt Ion:152 Resp: 50671
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.0 189.0
 115 57.7 45.5 68.3



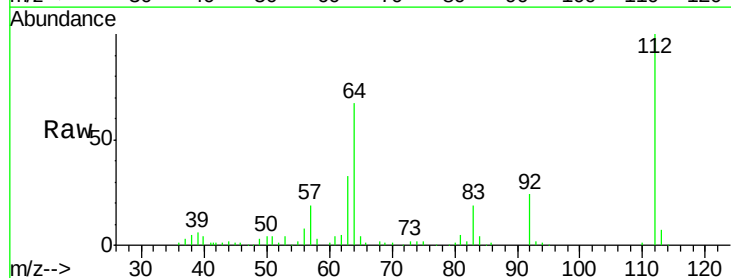
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



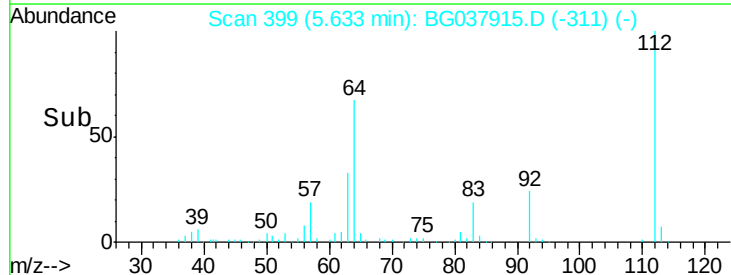
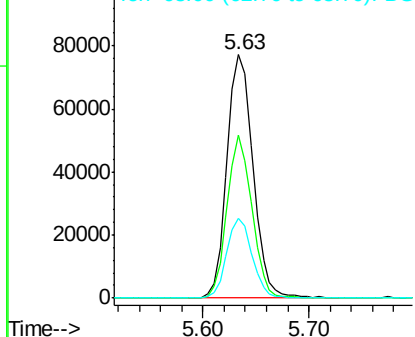
#5

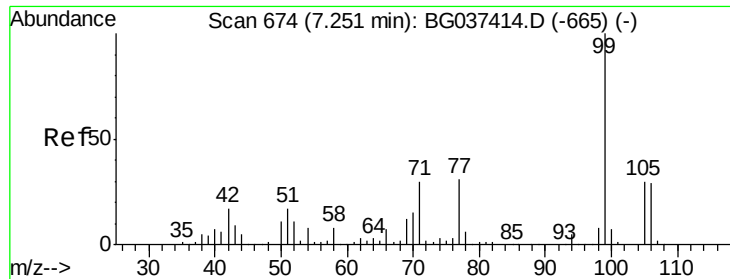
2-Fluorophenol
 Concen: 43.392 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037915.D
 Acq: 9 Nov 2018 11:27

Tgt Ion:112 Resp: 131515
 Ion Ratio Lower Upper
 112 100
 64 66.8 53.1 79.7
 63 33.0 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: 26.127 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037915.D

Acq: 9 Nov 2018 11:27

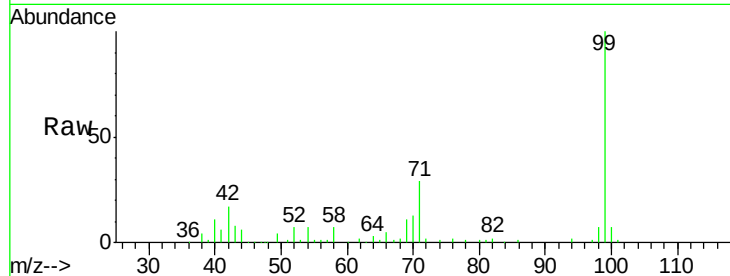
Tgt Ion: 99 Resp: 119742

Ion Ratio Lower Upper

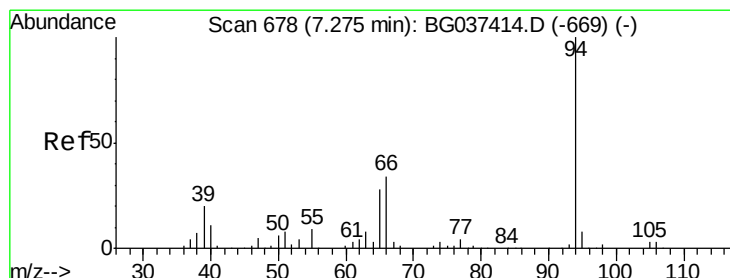
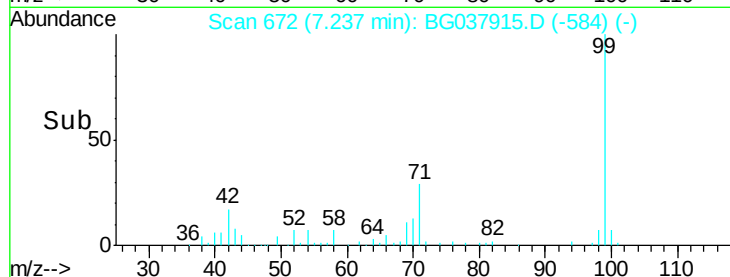
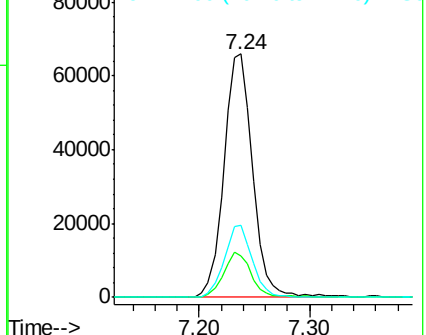
99 100

42 16.8 15.0 22.4

71 29.5 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: 4.914 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037915.D

Acq: 9 Nov 2018 11:27

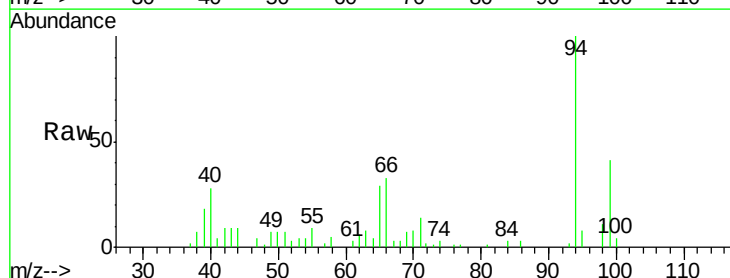
Tgt Ion: 94 Resp: 23760

Ion Ratio Lower Upper

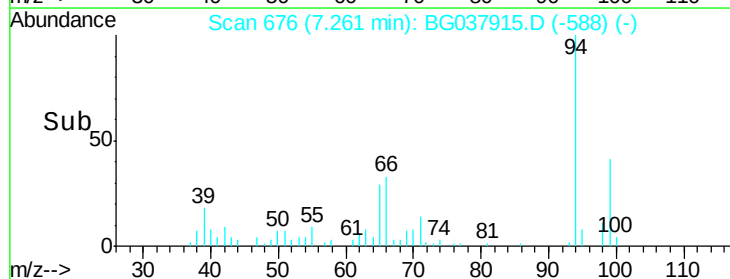
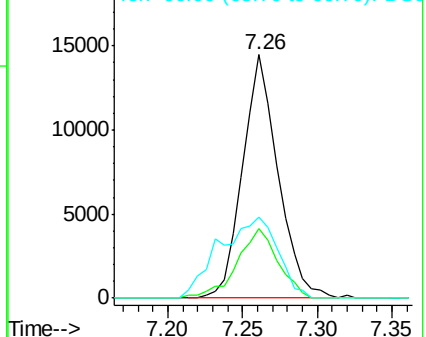
94 100

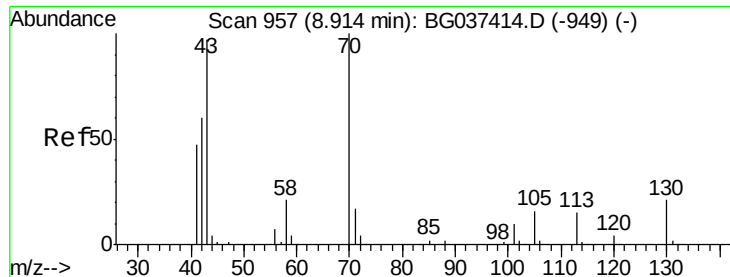
65 28.6 9.7 49.7

66 33.2 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: 15.469 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037915.D

Acq: 9 Nov 2018 11:27

Tgt Ion: 70 Resp: 48818

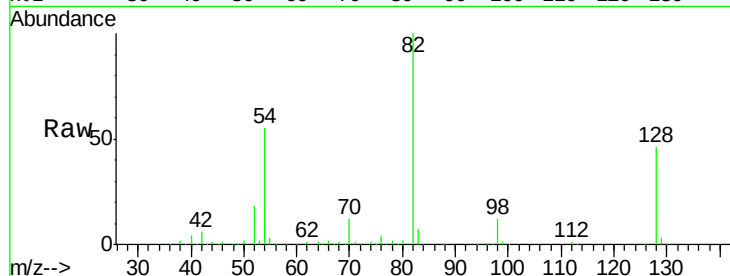
Ion Ratio Lower Upper

70 100

42 51.6 53.9 80.9#

101 0.0 8.2 12.2#

130 2.9 18.2 27.4#



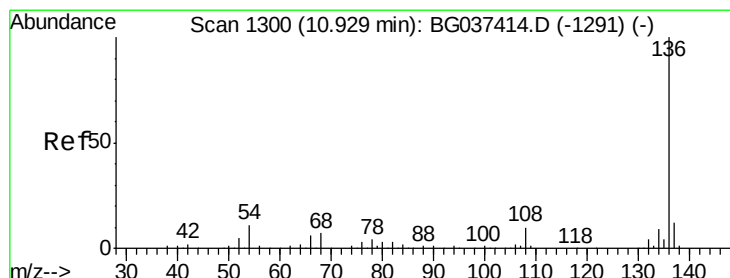
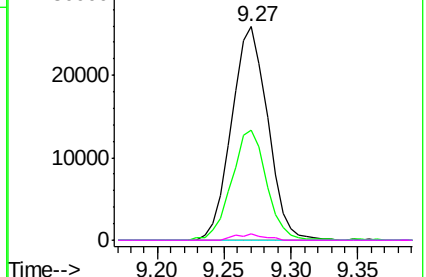
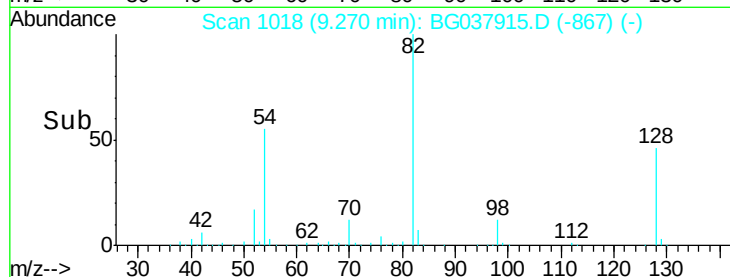
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BG037915.D

Acq: 9 Nov 2018 11:27

Tgt Ion: 136 Resp: 235251

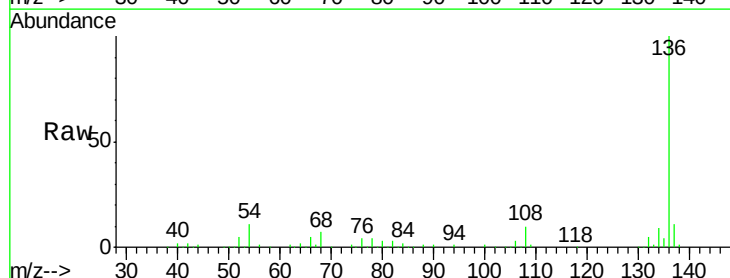
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 10.8 7.9 11.9

68 6.7 4.8 7.2



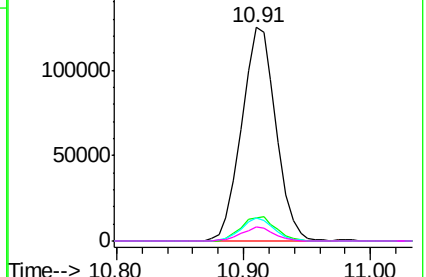
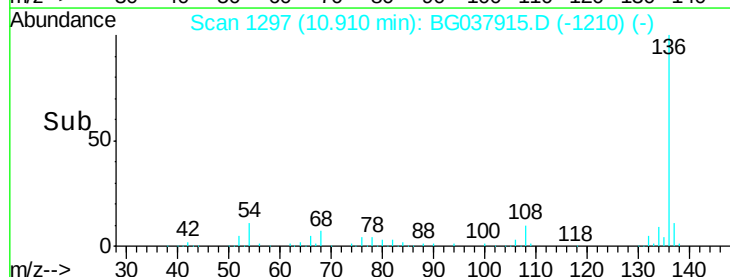
Abundance Ion 136.00 (135.70 to 136.70): BGC

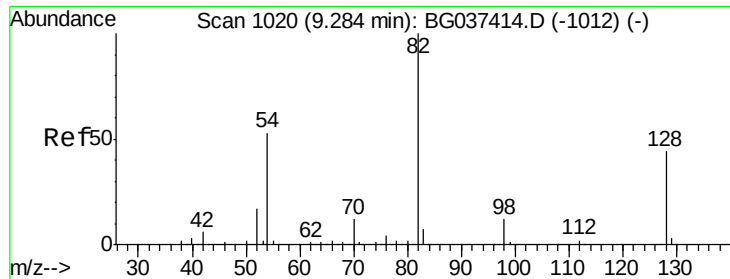
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

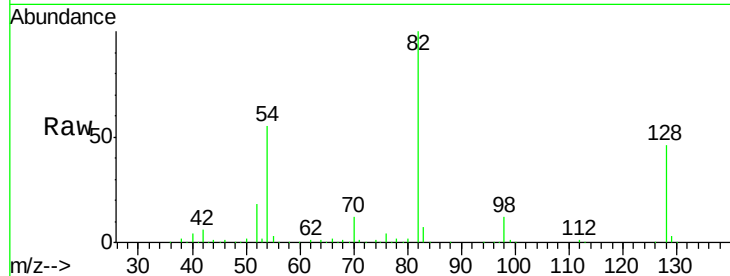
Time-->



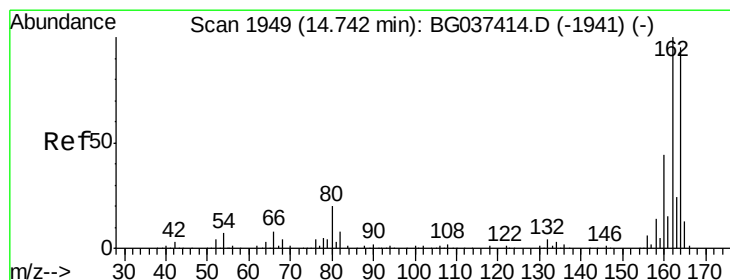
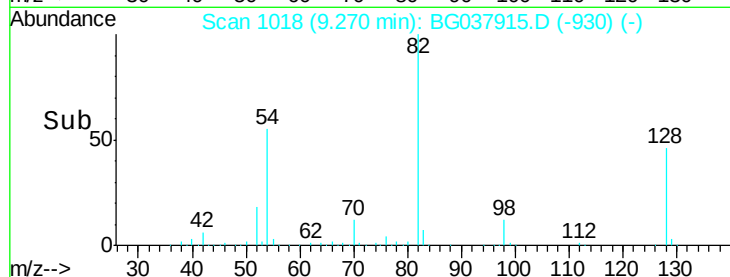
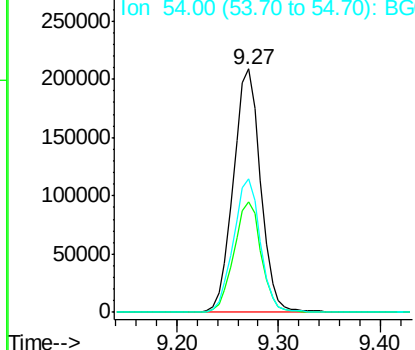


#23
Nitrobenzene-d5
Concen: 92.831 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037915.D
Acq: 9 Nov 2018 11:27

Tgt Ion: 82 Resp: 389841
Ion Ratio Lower Upper
82 100
128 45.6 34.6 51.8
54 55.0 45.3 67.9

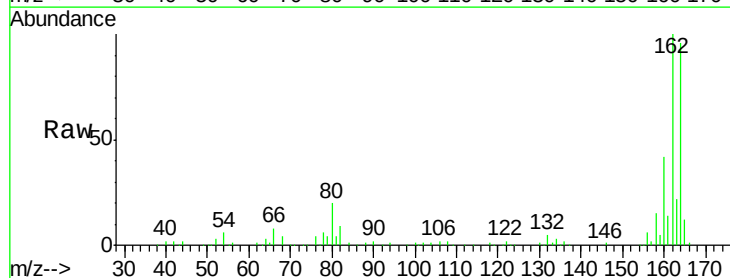


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

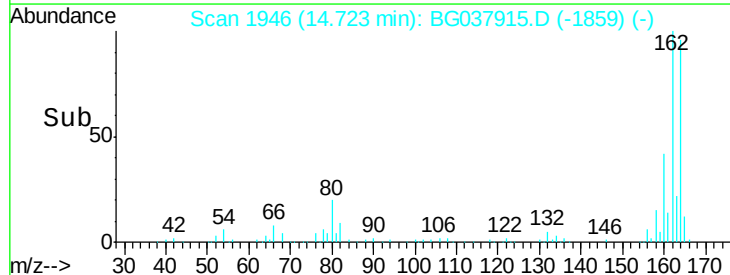
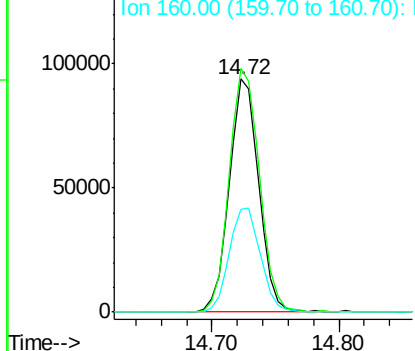


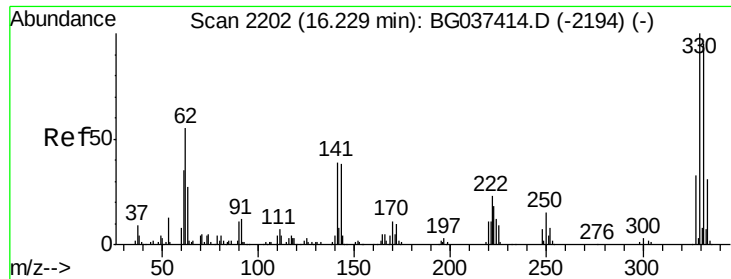
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037915.D
Acq: 9 Nov 2018 11:27

Tgt Ion: 164 Resp: 150334
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 44.1 36.3 54.5



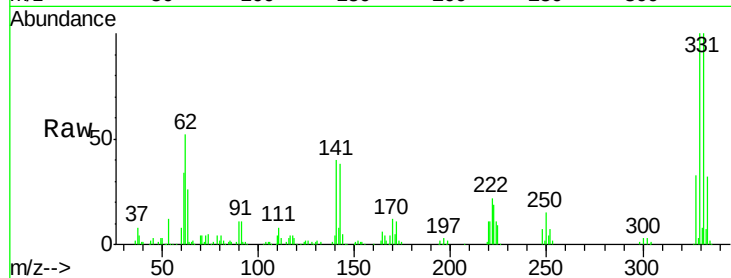
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



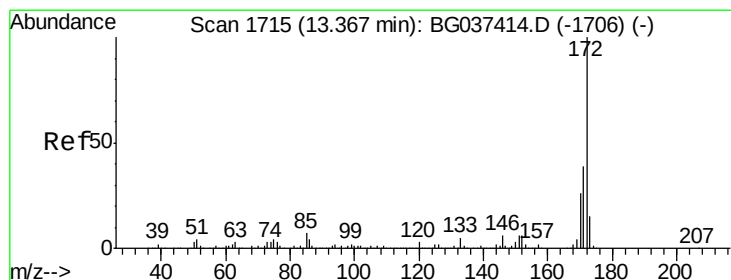
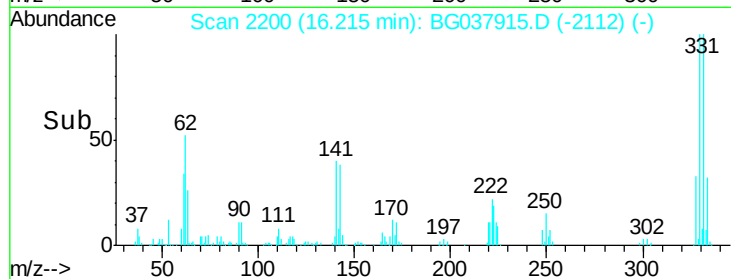
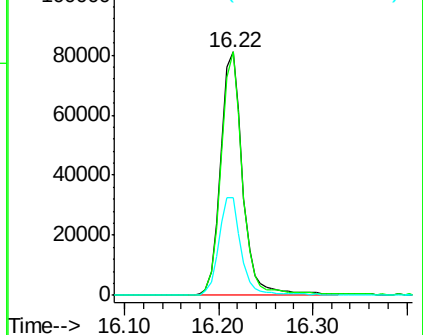


#42
 2,4,6-Tribromophenol
 Concen: 81.052 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037915.D
 Acq: 9 Nov 2018 11:27

Tgt Ion: 330 Resp: 132899
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.4 117.6
 141 40.8 32.2 48.2

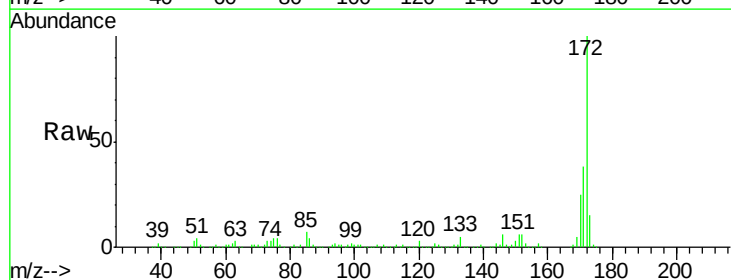


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

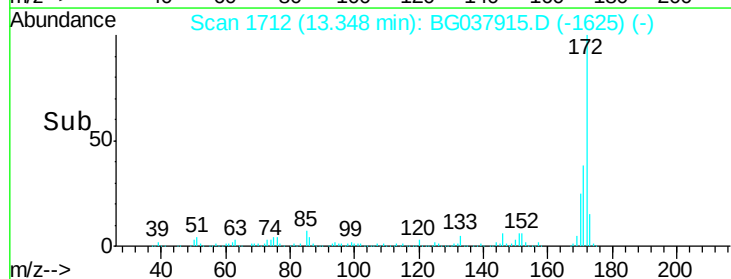
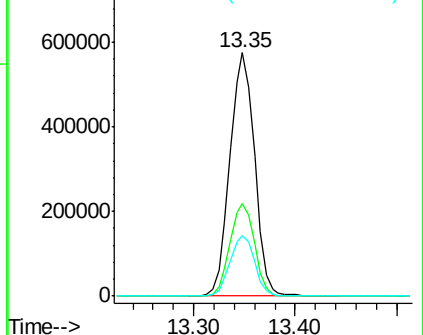


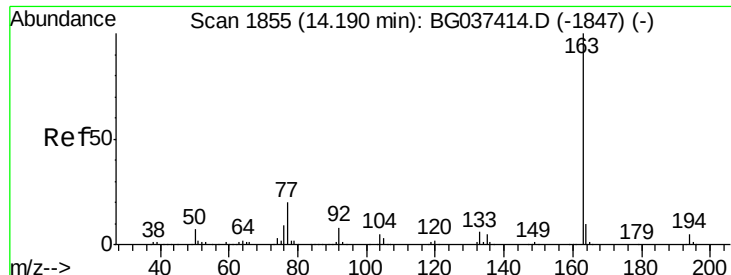
#45
 2-Fluorobiphenyl
 Concen: 97.671 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037915.D
 Acq: 9 Nov 2018 11:27

Tgt Ion: 172 Resp: 973726
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.0 46.4
 170 24.9 20.2 30.2



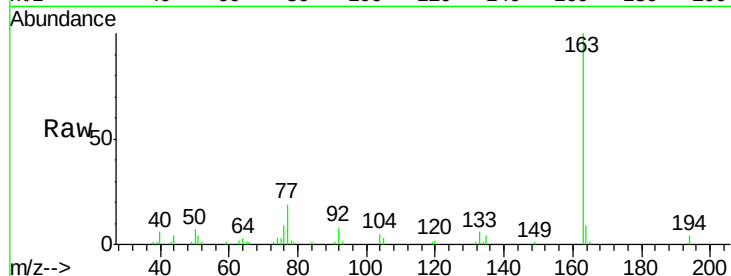
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



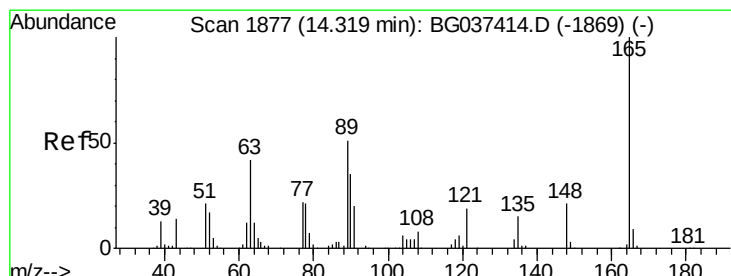
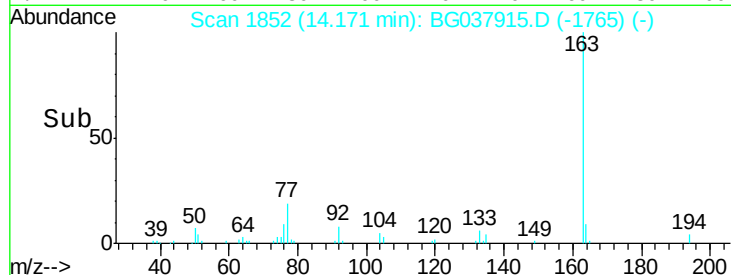
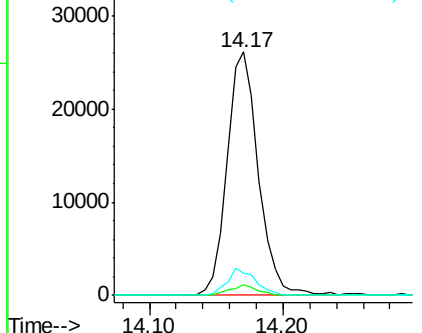


#50
Dimethylphthalate
Concen: 3.678 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037915.D
Acq: 9 Nov 2018 11:27

Tgt Ion:163 Resp: 42771
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 9.4 8.5 12.7

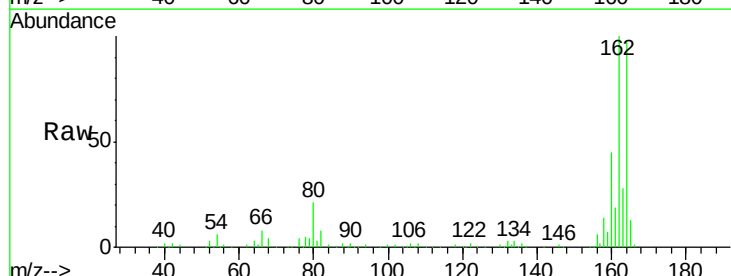


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

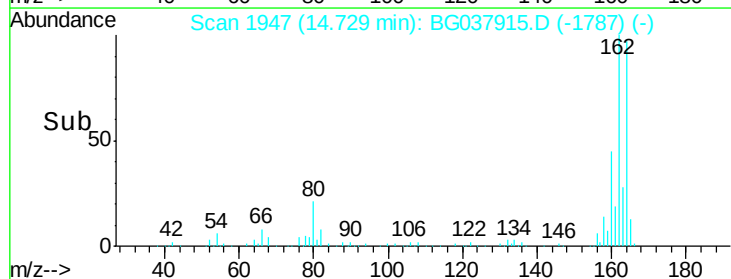
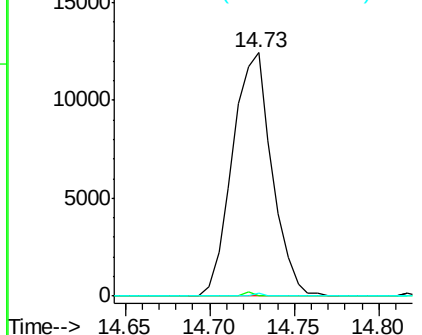


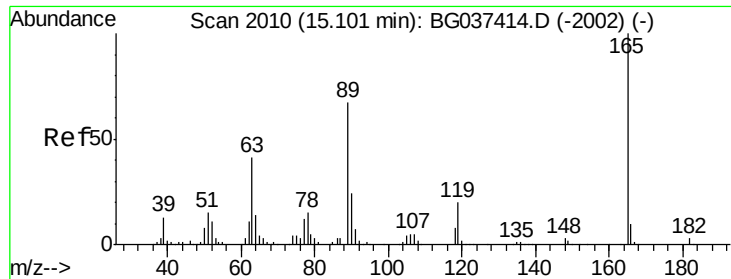
#51
2,6-Dinitrotoluene
Concen: 7.851 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037915.D
Acq: 9 Nov 2018 11:27

Tgt Ion:165 Resp: 20198
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 1.4 45.8 68.6#



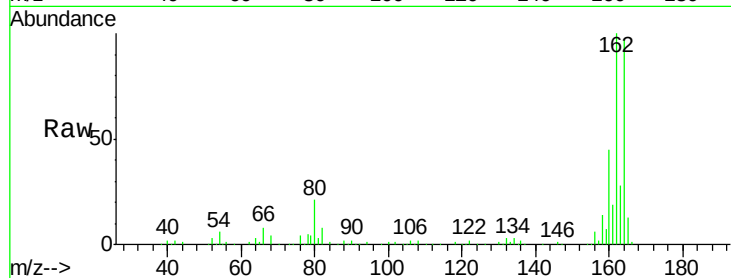
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#57
 2,4-Dinitrotoluene
 Concen: 5.981 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037915.D
 Acq: 9 Nov 2018 11:27

Tgt Ion:	165	Resp:	20198
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#

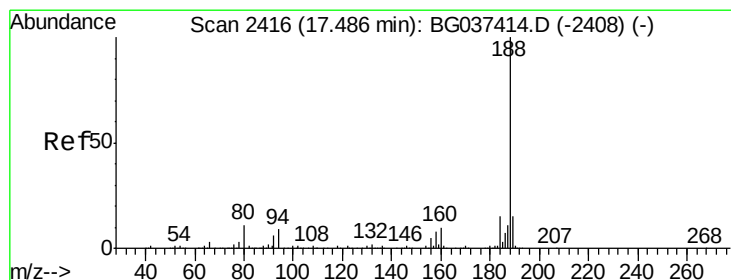
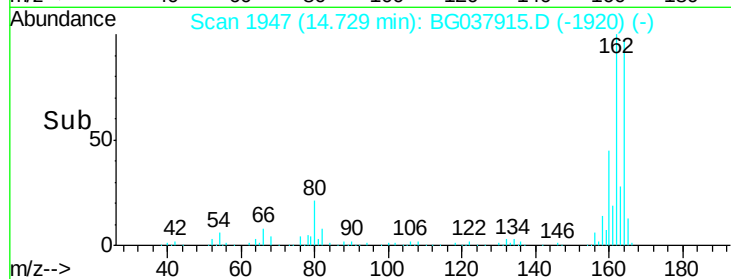
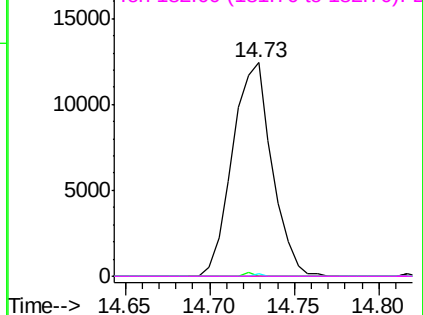


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

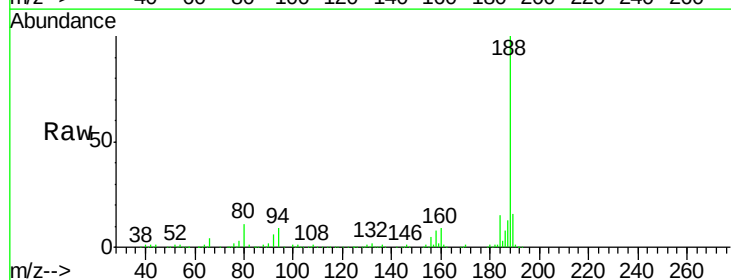
Ion 89.00 (88.70 to 89.70): BGC

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. -0.01 min
 Lab File: BG037915.D
 Acq: 9 Nov 2018 11:27

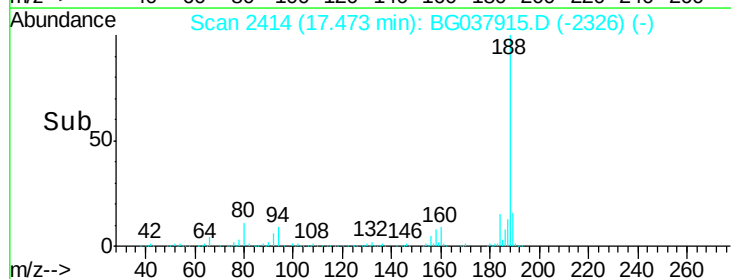
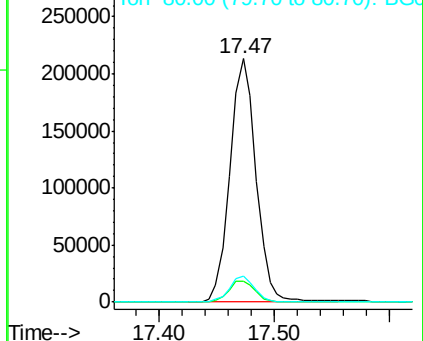
Tgt Ion:	188	Resp:	334281
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.6	7.7	11.5

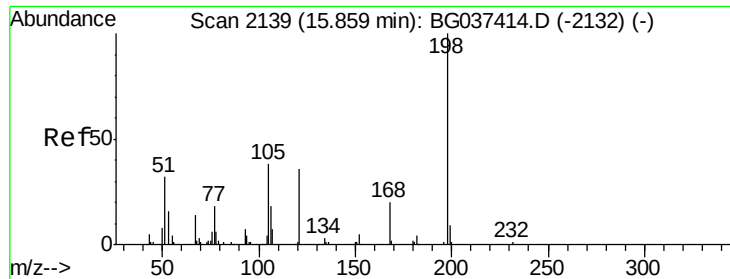


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

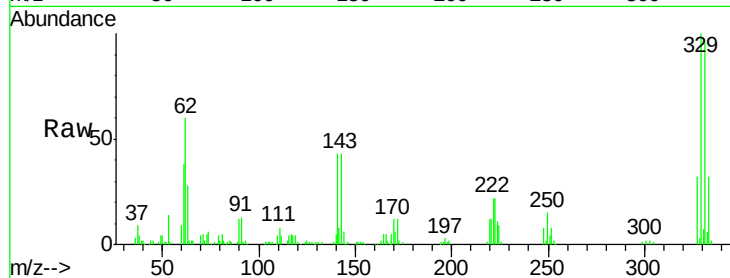
Ion 80.00 (79.70 to 80.70): BGC



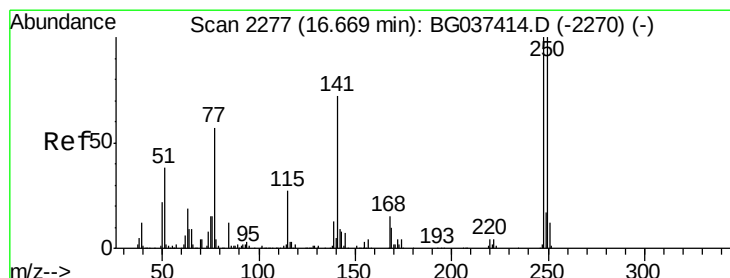
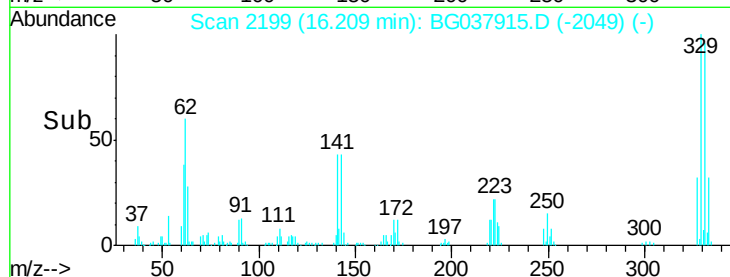
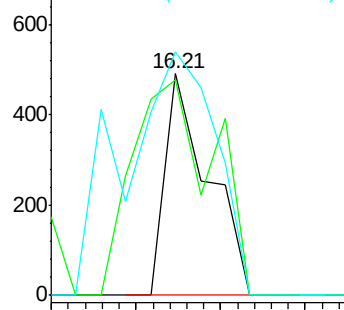


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.671 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037915.D
 Acq: 9 Nov 2018 11:27

Tgt Ion	Ratio	Lower	Upper
198	100		
51	28.7	22.7	62.7
105	32.4	19.7	59.7

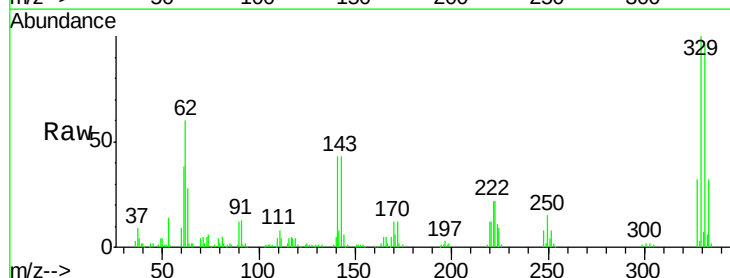


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

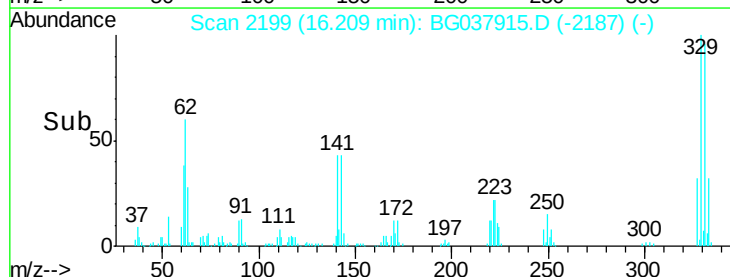
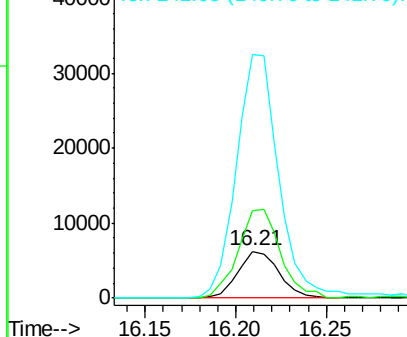


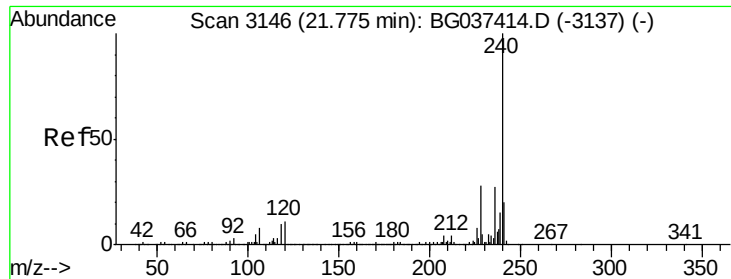
#67
 4-Bromophenyl-phenylether
 Concen: 2.707 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037915.D
 Acq: 9 Nov 2018 11:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	183.5	77.0	115.6#
141	404.1	55.5	83.3#



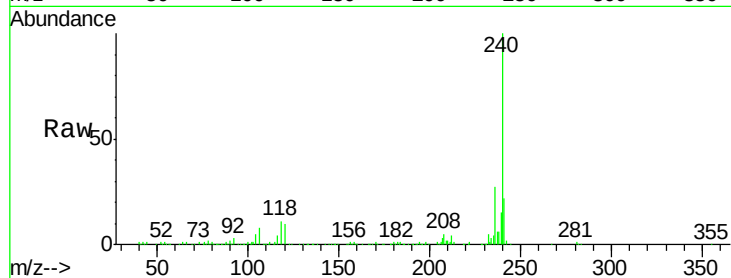
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



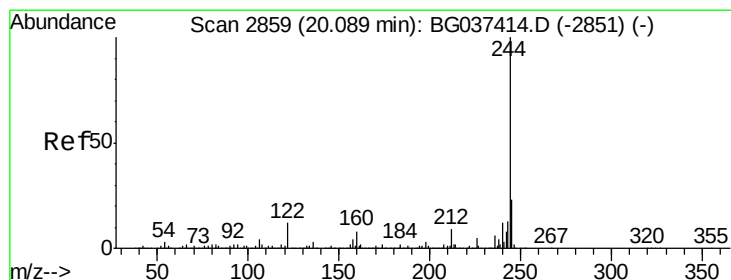
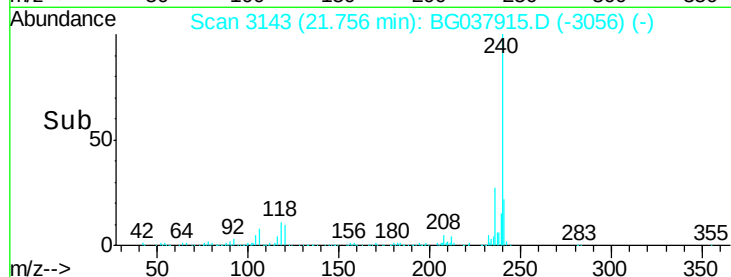
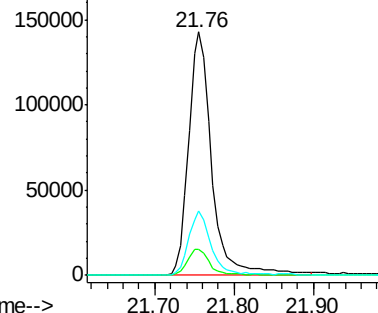


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037915.D
Acq: 9 Nov 2018 11:27

Tgt Ion:240 Resp: 289496
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.7 21.4 32.0

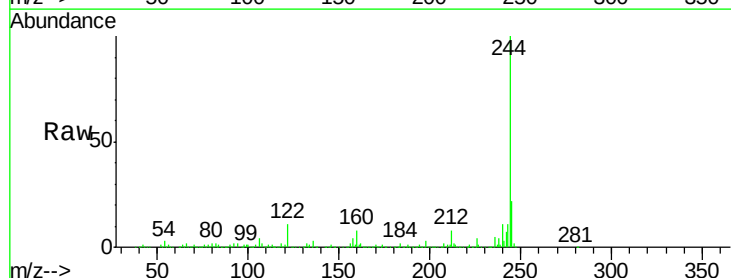


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

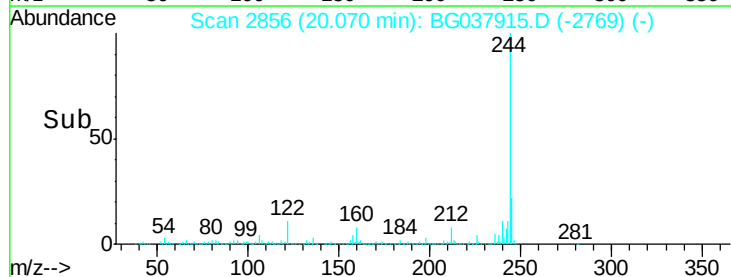
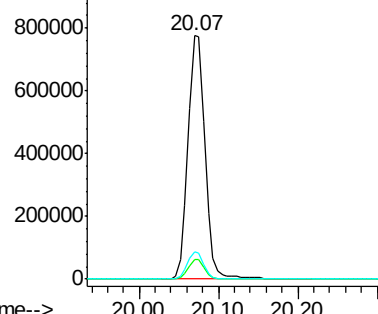


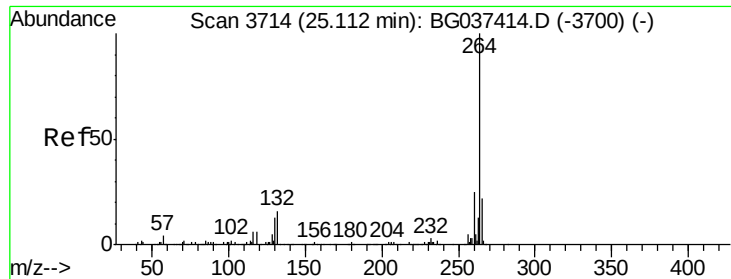
#79
Terphenyl-d14
Concen: 85.755 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037915.D
Acq: 9 Nov 2018 11:27

Tgt Ion:244 Resp: 1161834
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 11.1 9.0 13.4



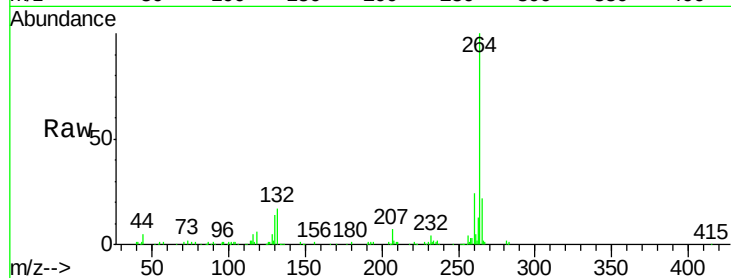
Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037915.D
Acq: 9 Nov 2018 11:27

Tgt Ion:	264	Resp:	228410
Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

