

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037911.D
 Acq On : 9 Nov 2018 8:51
 Operator : JU/SJ
 Sample : J5858-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

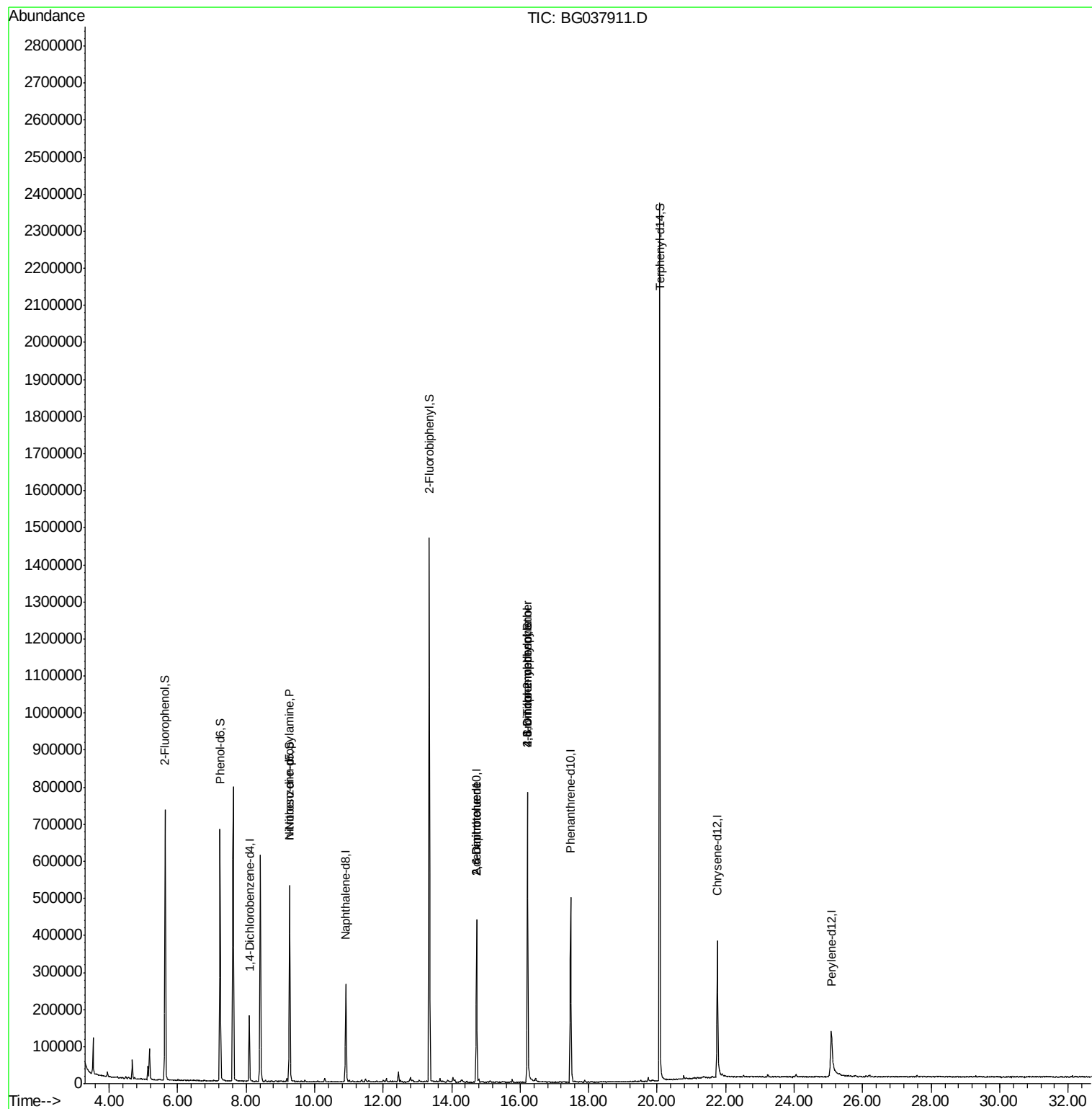
Quant Time: Nov 09 14:45:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

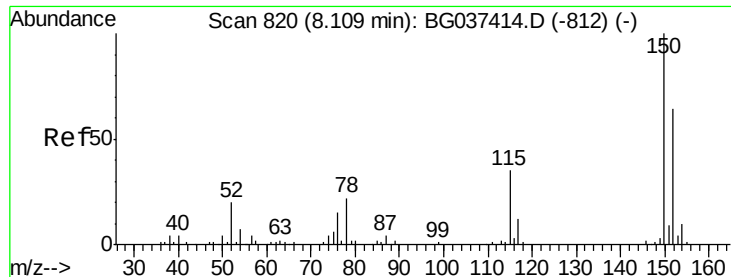
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51868	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	233289	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	149985	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	330172	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	291612	20.00	ng	-0.02
87) Perylene-d12	25.09	264	203953	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	345237	111.28	ng	-0.01
7) Phenol-d6	7.24	99	441331	94.08	ng	-0.01
23) Nitrobenzene-d5	9.27	82	341595	82.03	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	159283	97.37	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	823430	82.79	ng	-0.02
79) Terphenyl-d14	20.07	244	1186202	86.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	42757	13.236	ng	# 72
51) 2,6-Dinitrotoluene	14.72	165	21398	8.336	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	21398	6.351	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	270	8.636	ng	# 65
67) 4-Bromophenyl-phenylether	16.21	248	11314	3.120	ng	# 1

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

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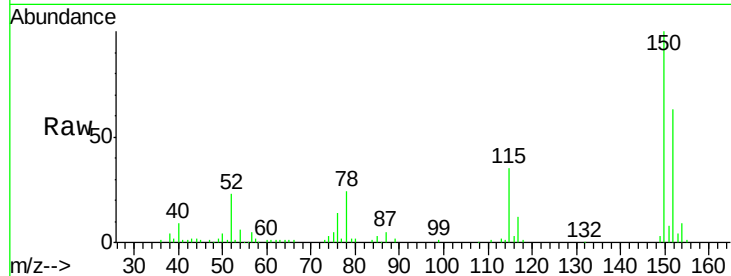




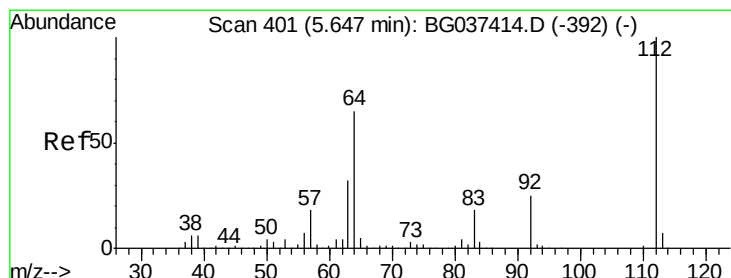
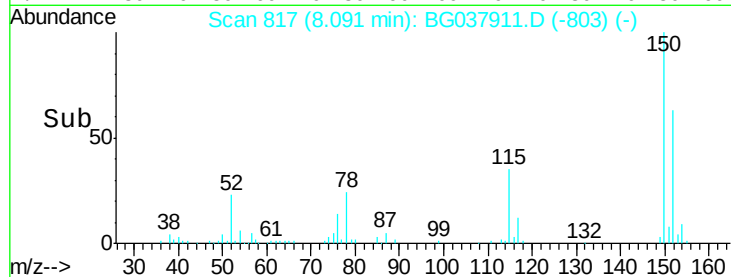
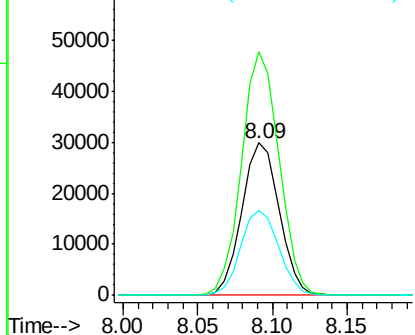
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037911.D
Acq: 9 Nov 2018 8:51

Tgt Ion:152 Resp: 51868
Ion Ratio Lower Upper
152 100
150 160.0 126.0 189.0
115 56.0 45.5 68.3



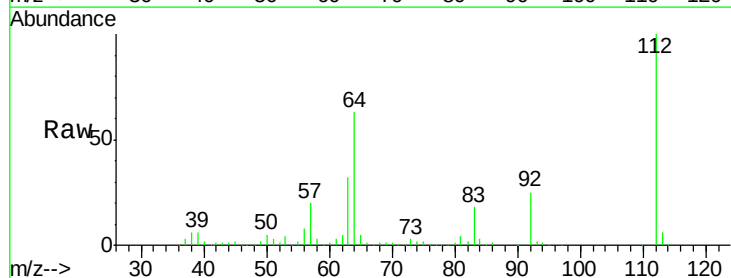
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



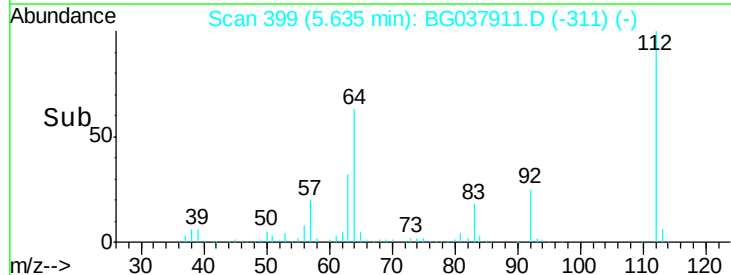
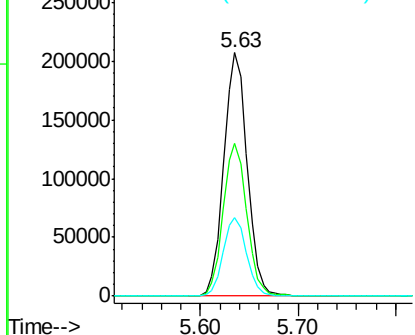
#5

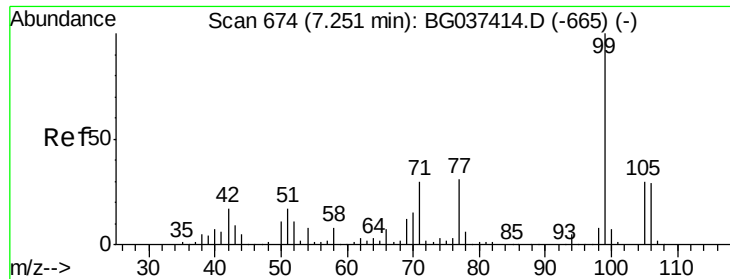
2-Fluorophenol
Concen: 111.280 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037911.D
Acq: 9 Nov 2018 8:51

Tgt Ion:112 Resp: 345237
Ion Ratio Lower Upper
112 100
64 62.8 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.075 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037911.D

Acq: 9 Nov 2018 8:51

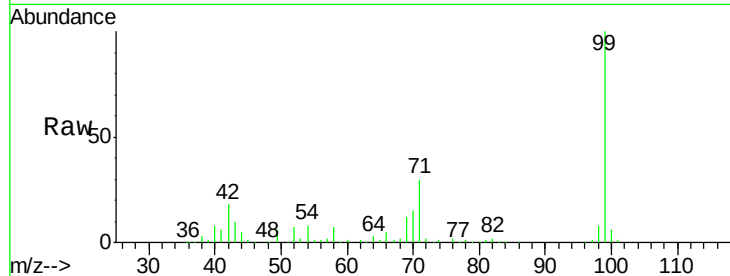
Tgt Ion: 99 Resp: 441331

Ion Ratio Lower Upper

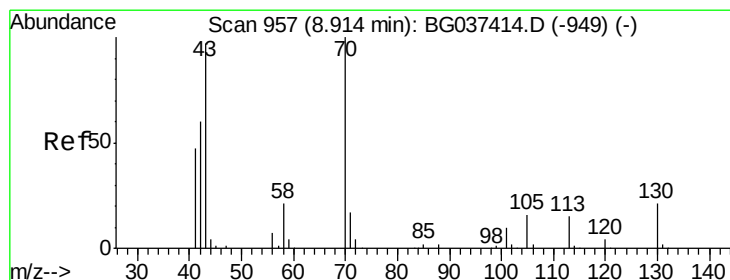
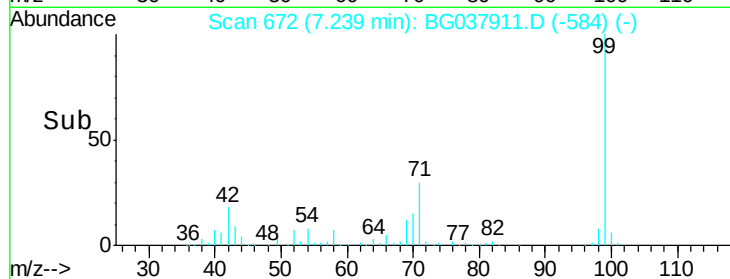
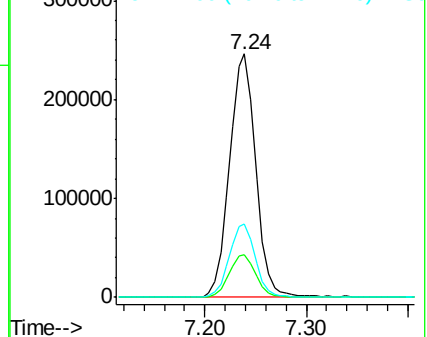
99 100

42 17.7 15.0 22.4

71 30.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.236 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037911.D

Acq: 9 Nov 2018 8:51

Tgt Ion: 70 Resp: 42757

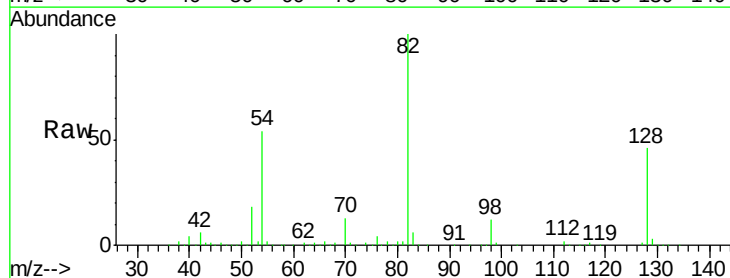
Ion Ratio Lower Upper

70 100

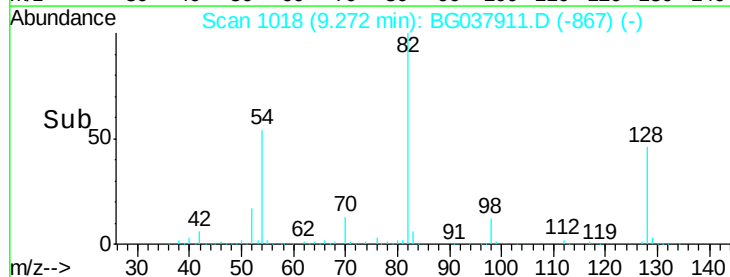
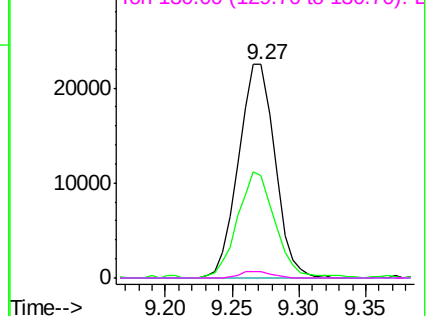
42 48.1 53.9 80.9#

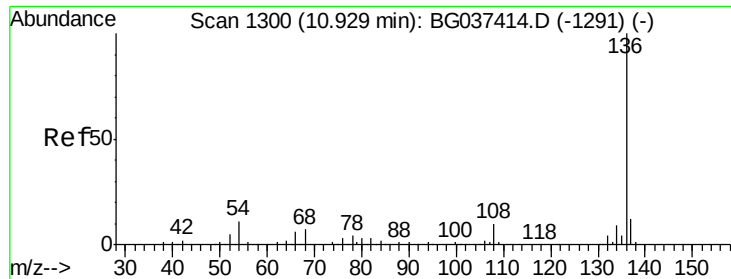
101 0.0 8.2 12.2#

130 2.9 18.2 27.4#



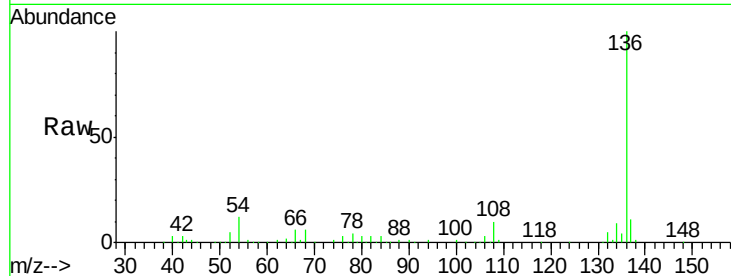
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



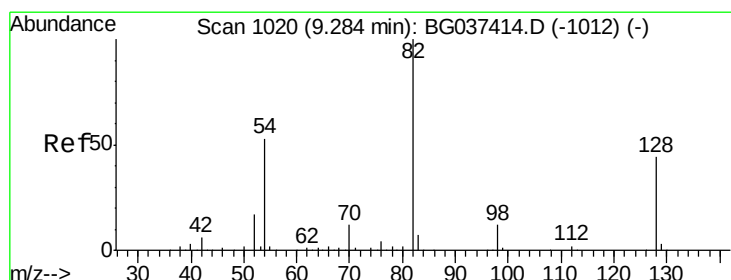
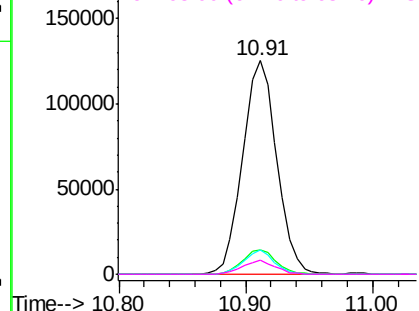
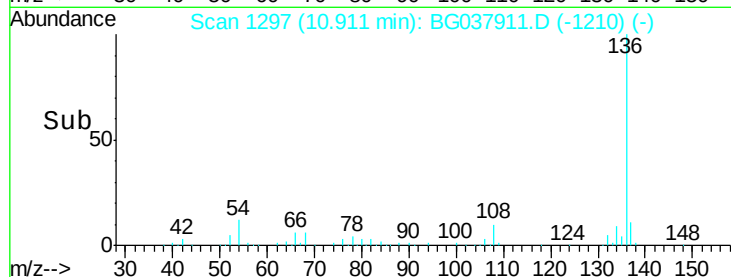


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037911.D
Acq: 9 Nov 2018 8:51

Tgt Ion:	136	Resp:	233289
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.6	7.9	11.9
68	6.4	4.8	7.2

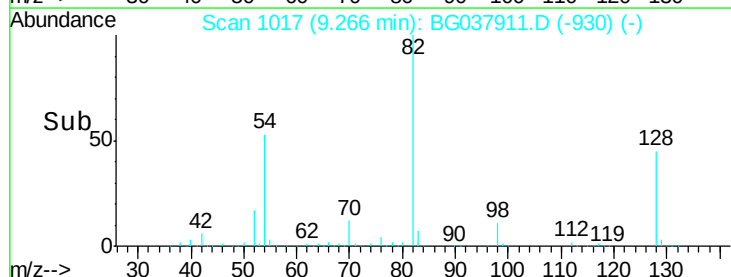
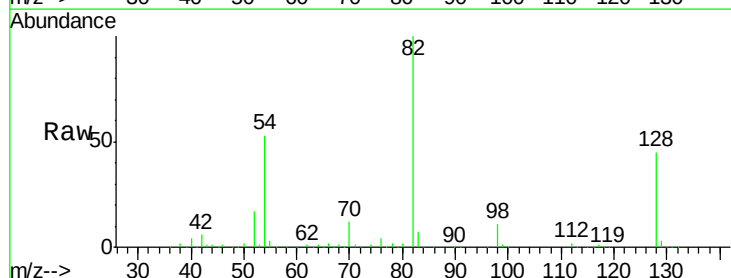


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

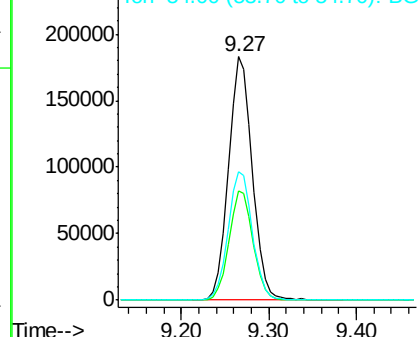


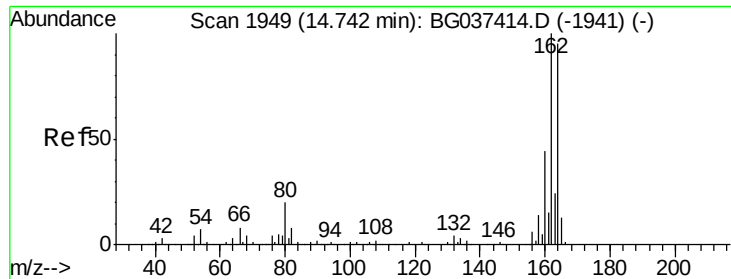
#23
Nitrobenzene-d5
Concen: 82.026 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037911.D
Acq: 9 Nov 2018 8:51

Tgt Ion:	82	Resp:	341595
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	51.8
54	52.5	45.3	67.9



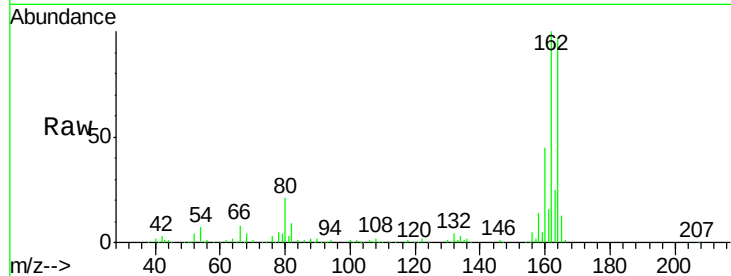
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



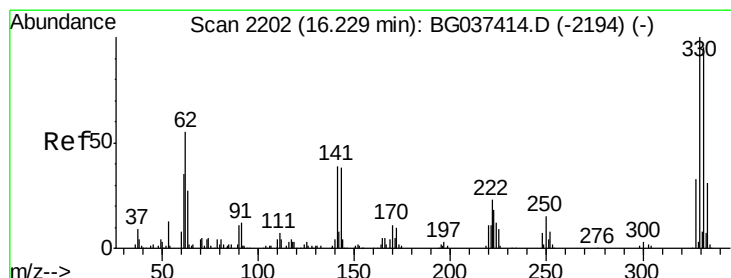
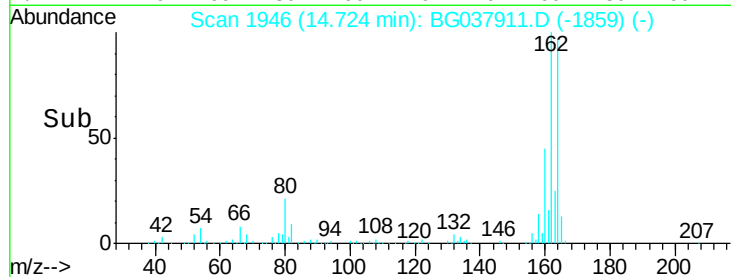
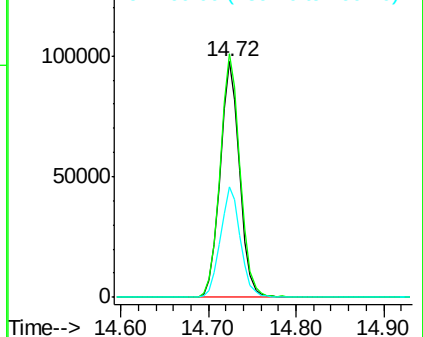


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037911.D
Acq: 9 Nov 2018 8:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.3	121.9
160	46.6	36.3	54.5

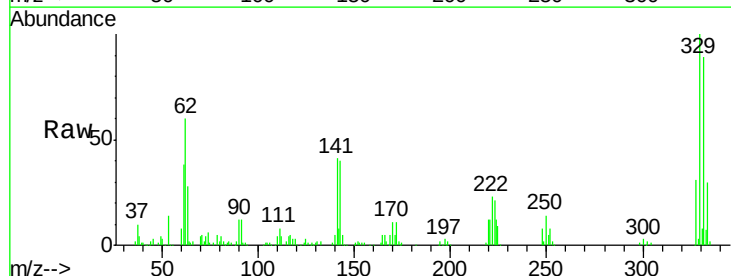


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

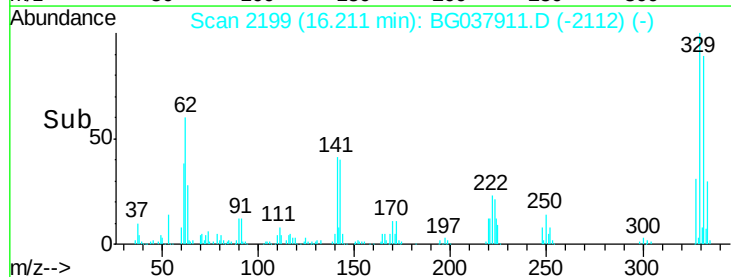
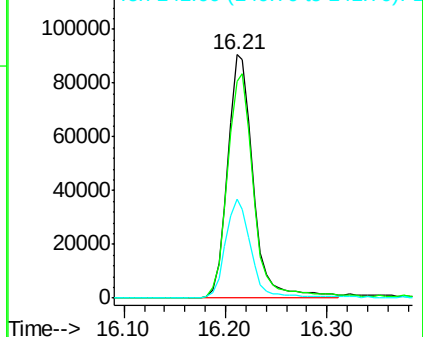


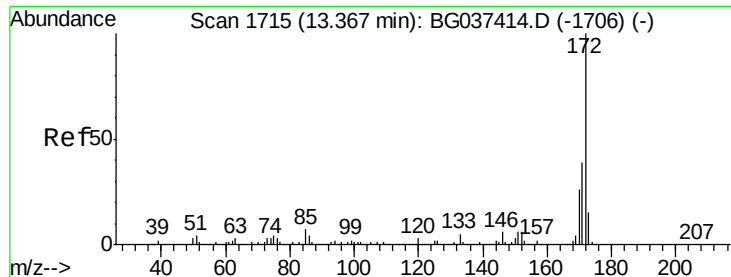
#42
2,4,6-Tribromophenol
Concen: 97.369 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG037911.D
Acq: 9 Nov 2018 8:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.4	117.6
141	40.3	32.2	48.2



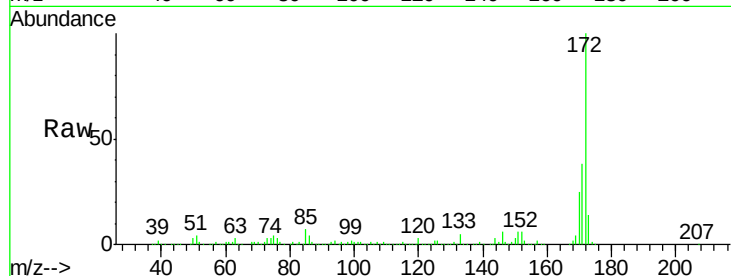
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



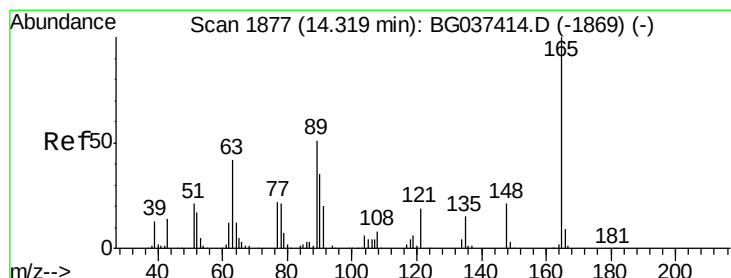
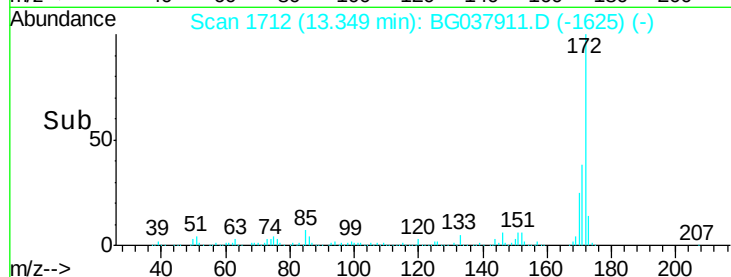
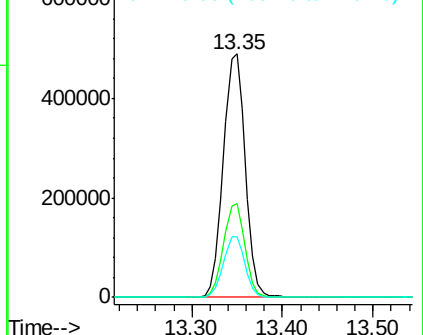


#45
 2-Fluorobiphenyl
 Concen: 82.787 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037911.D
 Acq: 9 Nov 2018 8:51

Tgt Ion:	172	Resp:	823430
Ion	Ratio	Lower	Upper
172	100		
171	38.4	31.0	46.4
170	25.1	20.2	30.2

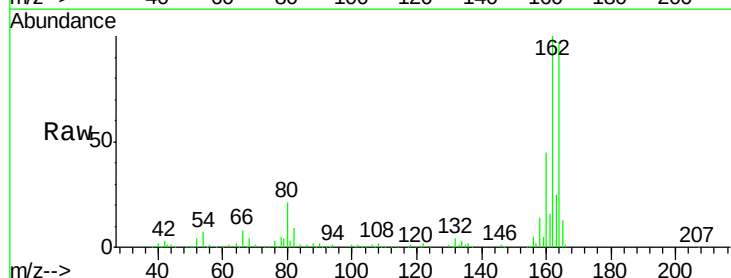


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

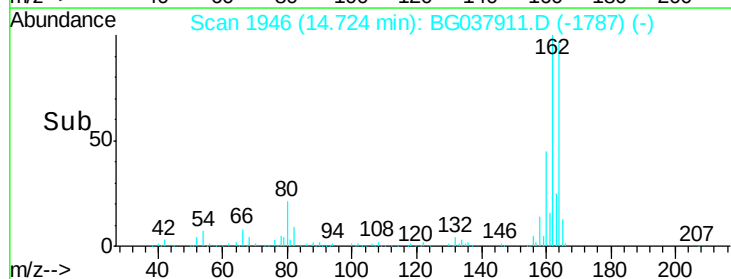
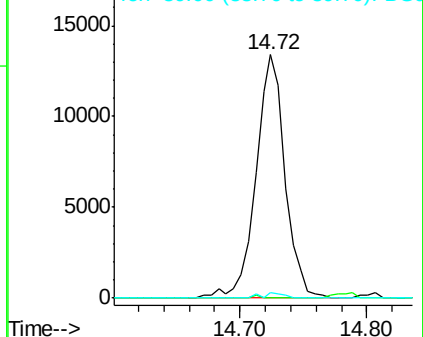


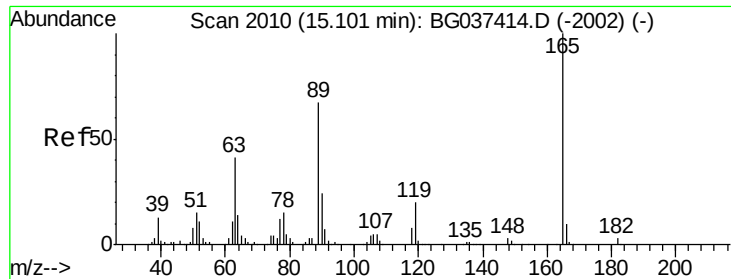
#51
 2,6-Dinitrotoluene
 Concen: 8.336 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.41 min
 Lab File: BG037911.D
 Acq: 9 Nov 2018 8:51

Tgt Ion:	165	Resp:	21398
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.1	45.8	68.6#



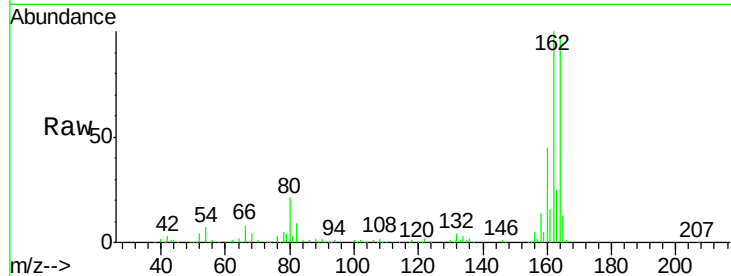
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





#57
 2,4-Dinitrotoluene
 Concen: 6.351 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037911.D
 Acq: 9 Nov 2018 8:51

Tgt Ion:	165	Resp:	21398
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.1	57.2	85.8#
182	0.0	2.6	4.0#

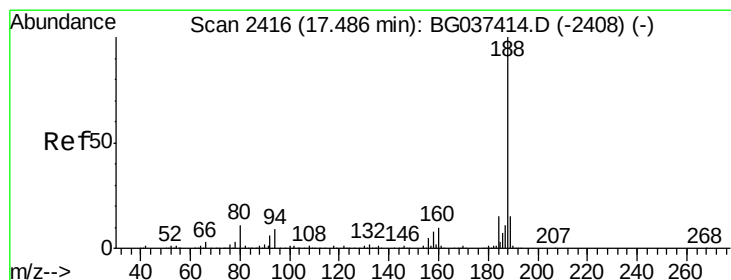
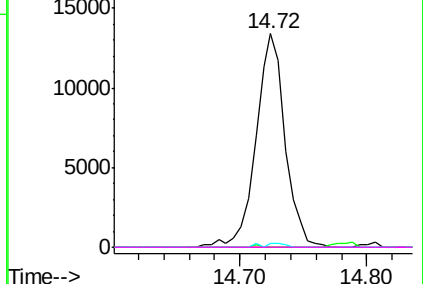
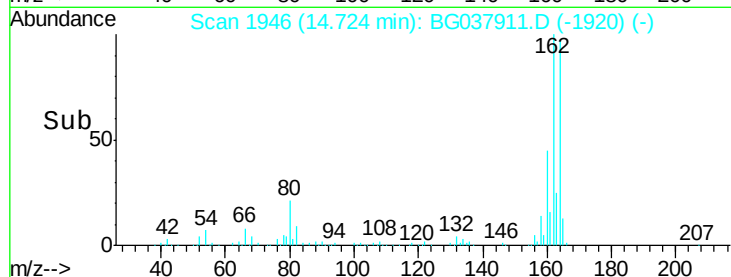


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

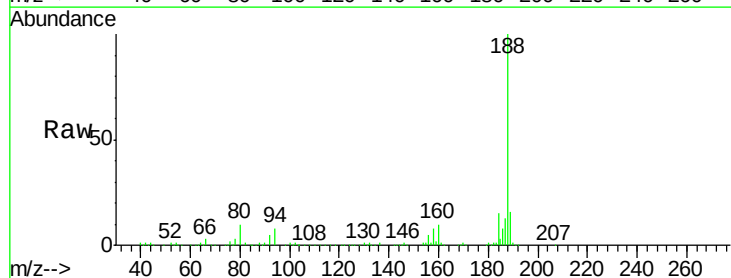
Ion 89.00 (88.70 to 89.70): BGC

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: BG037911.D
 Acq: 9 Nov 2018 8:51

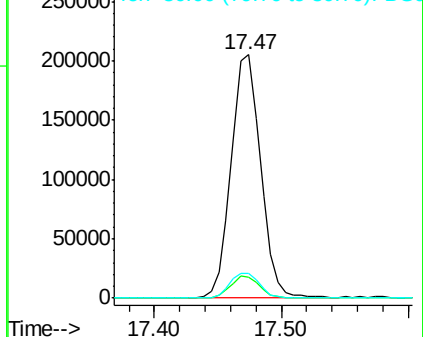
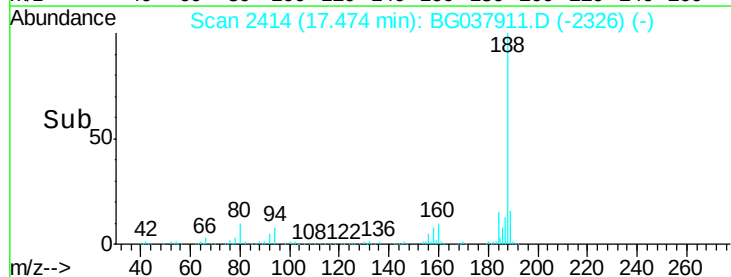
Tgt Ion:	188	Resp:	330172
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	10.1	7.7	11.5

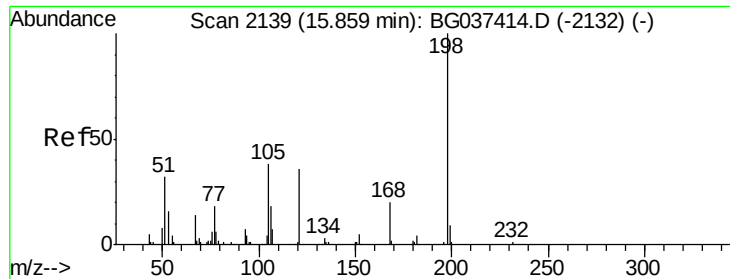


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

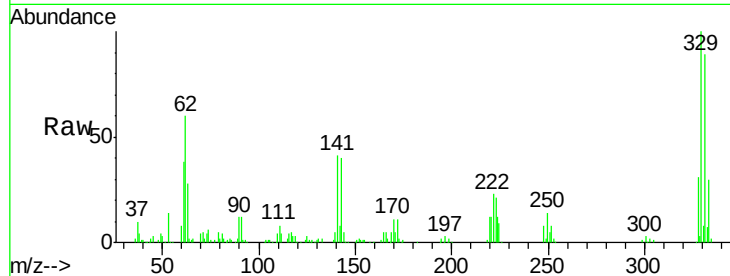
Ion 80.00 (79.70 to 80.70): BGC



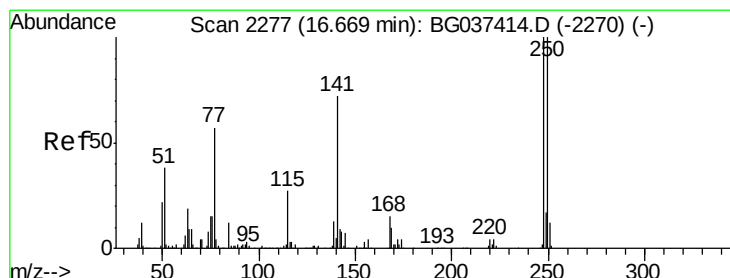
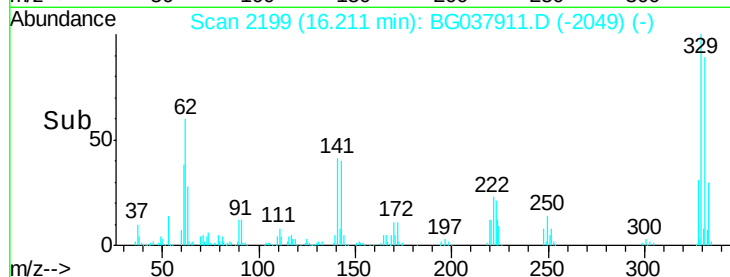
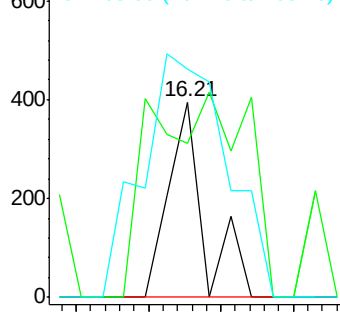


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.636 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037911.D
 Acq: 9 Nov 2018 8:51

Tgt Ion:198 Resp: 270
 Ion Ratio Lower Upper
 198 100
 51 15.9 22.7 62.7#
 105 23.5 19.7 59.7

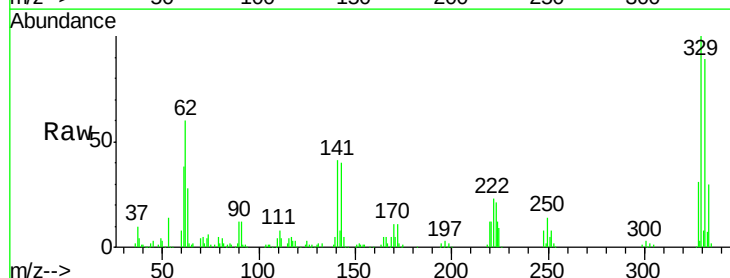


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

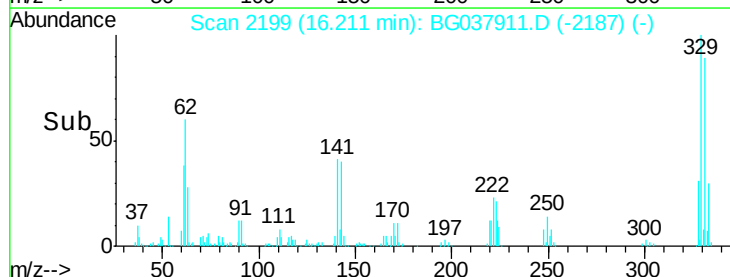
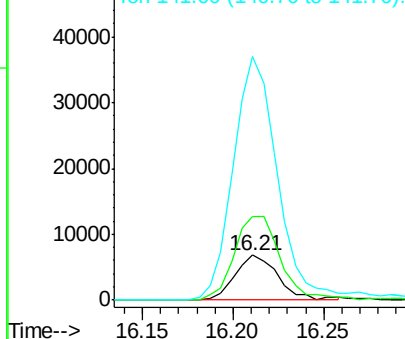


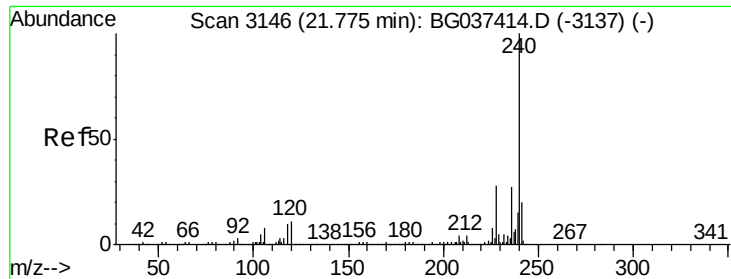
#67
 4-Bromophenyl-phenylether
 Concen: 3.120 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037911.D
 Acq: 9 Nov 2018 8:51

Tgt Ion:248 Resp: 11314
 Ion Ratio Lower Upper
 248 100
 250 191.7 77.0 115.6#
 141 420.3 55.5 83.3#



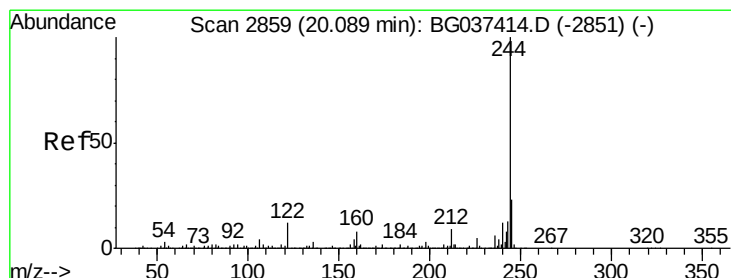
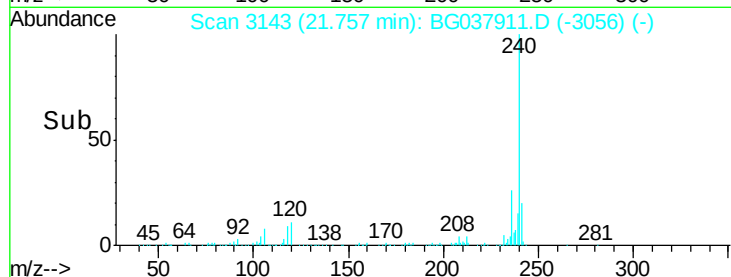
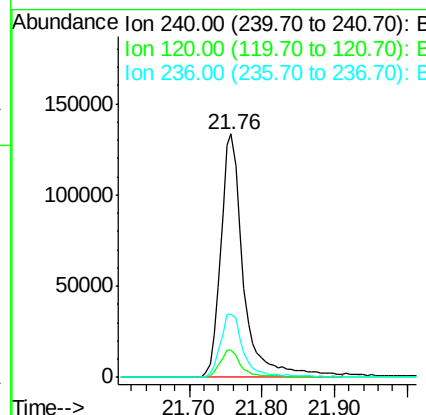
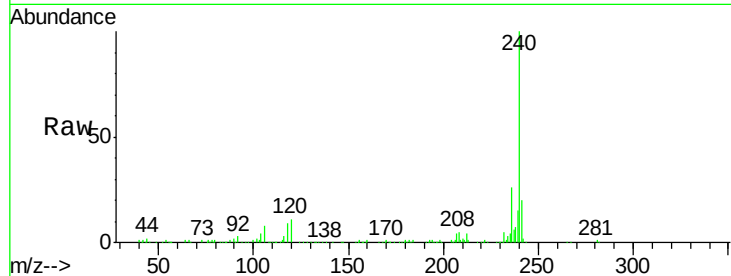
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





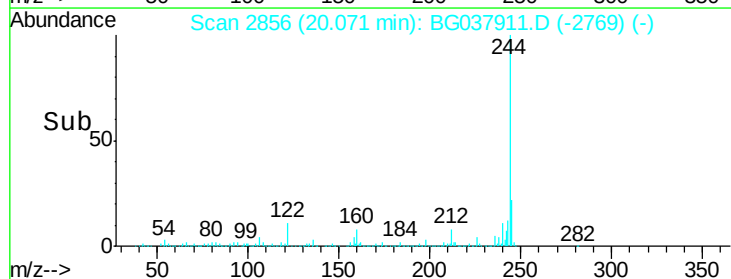
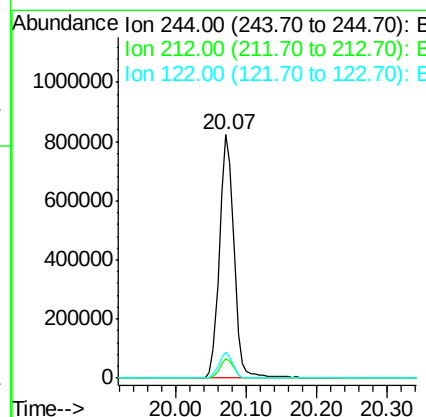
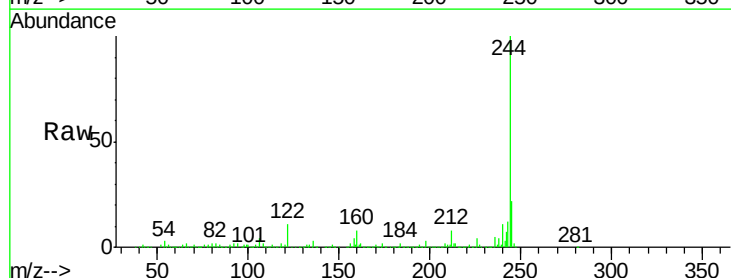
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037911.D
Acq: 9 Nov 2018 8:51

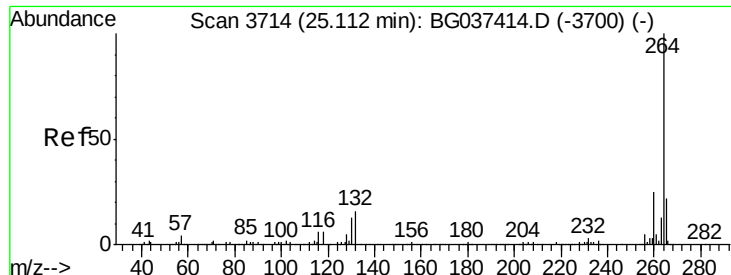
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	26.2	21.4	32.0



#79
Terphenyl-d14
Concen: 86.918 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037911.D
Acq: 9 Nov 2018 8:51

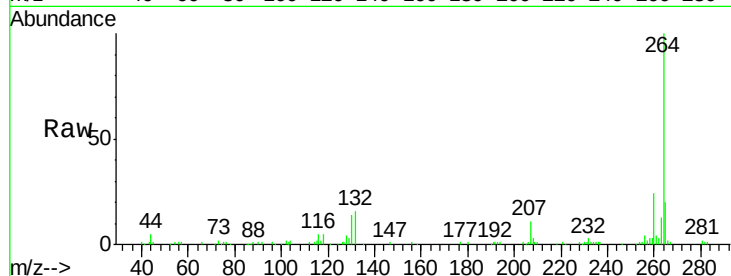
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.9	9.0	13.4





#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.09 min Scan# 3710
 Delta R.T. -0.02 min
 Lab File: BG037911.D
 Acq: 9 Nov 2018 8:51

Tgt Ion:	264	Resp:	203953
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.2	27.4
265	19.7	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

