

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037903.D
 Acq On : 9 Nov 2018 3:41
 Operator : JU/SJ
 Sample : PB114625BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

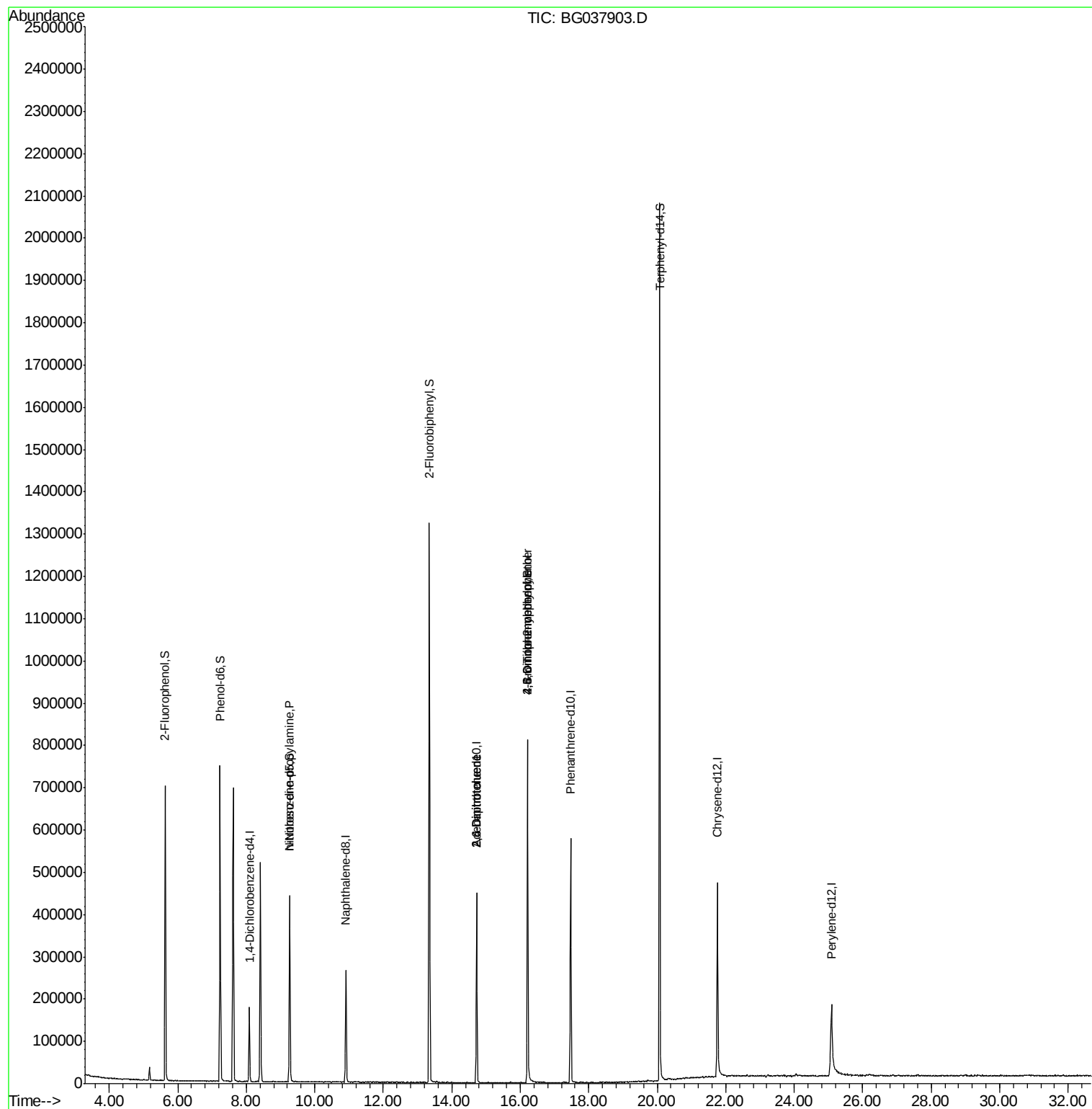
Quant Time: Nov 09 14:44:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

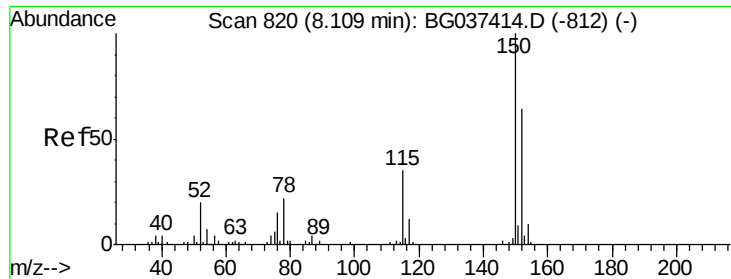
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55313	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	241889	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	164207	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	373236	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	331864	20.00	ng	-0.02
87) Perylene-d12	25.09	264	277910	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	328765	99.37	ng	-0.01
7) Phenol-d6	7.24	99	479248	95.80	ng	-0.01
23) Nitrobenzene-d5	9.27	82	285634	66.15	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	163893	91.51	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	734937	67.49	ng	-0.02
79) Terphenyl-d14	20.07	244	1095142	70.51	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	35999	10.450	ng	# 67
51) 2,6-Dinitrotoluene	14.73	165	21765	7.745	ng	# 25
57) 2,4-Dinitrotoluene	14.73	165	21765	5.900	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	377	8.666	ng	77
67) 4-Bromophenyl-phenylether	16.21	248	11764	2.870	ng	# 1

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

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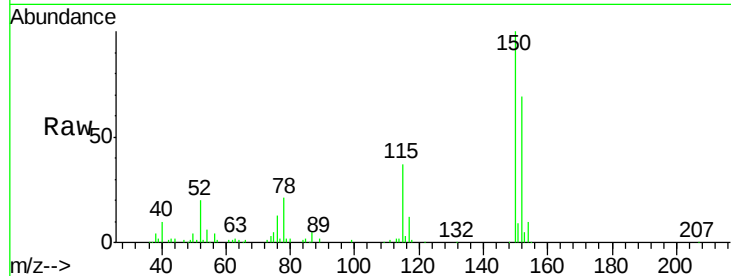




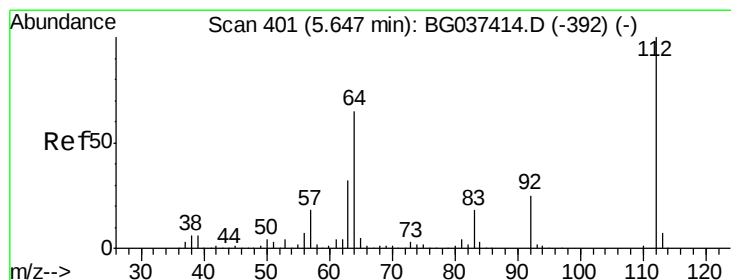
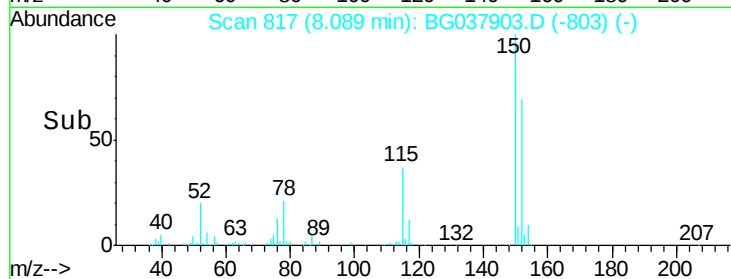
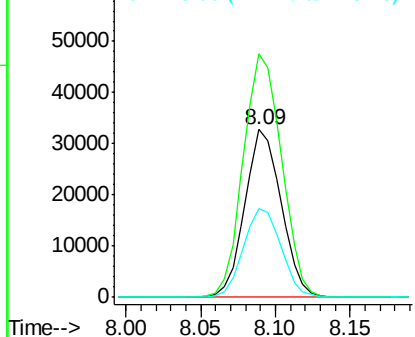
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037903.D
Acq: 9 Nov 2018 3:41

Tgt Ion:152 Resp: 55313
Ion Ratio Lower Upper
152 100
150 145.2 126.0 189.0
115 53.1 45.5 68.3



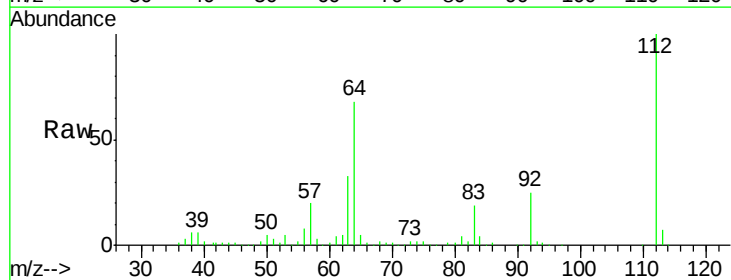
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



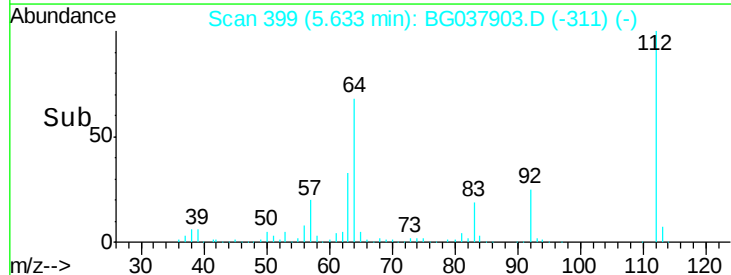
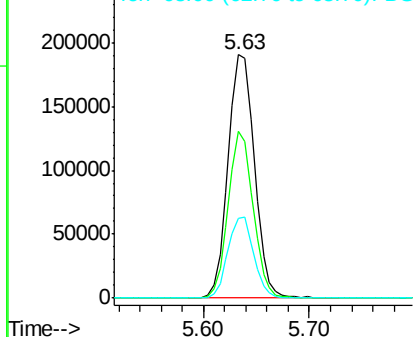
#5

2-Fluorophenol
Concen: 99.370 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037903.D
Acq: 9 Nov 2018 3:41

Tgt Ion:112 Resp: 328765
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 32.8 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: 95.795 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037903.D

Acq: 9 Nov 2018 3:41

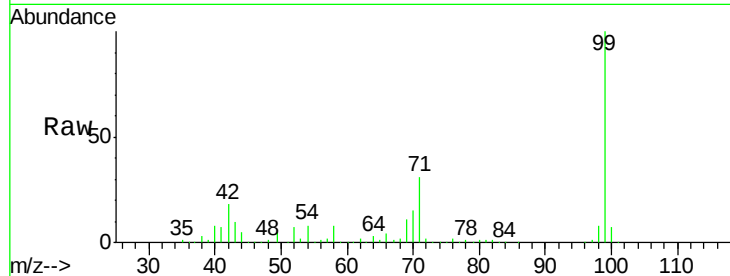
Tgt Ion: 99 Resp: 479248

Ion Ratio Lower Upper

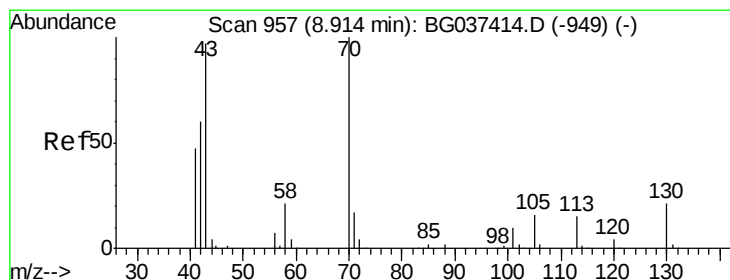
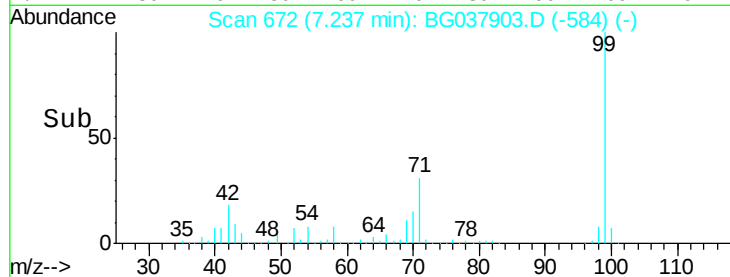
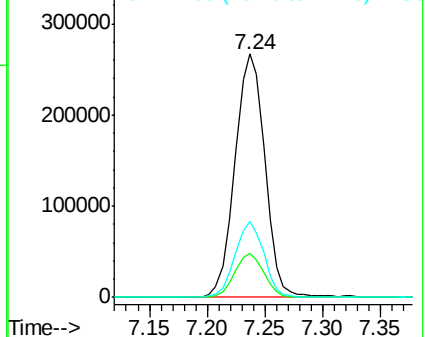
99 100

42 18.0 15.0 22.4

71 31.3 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: 10.450 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037903.D

Acq: 9 Nov 2018 3:41

Tgt Ion: 70 Resp: 35999

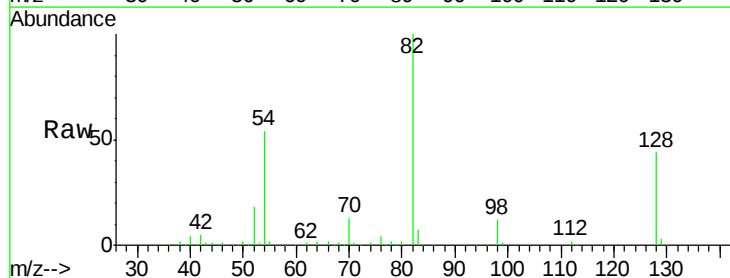
Ion Ratio Lower Upper

70 100

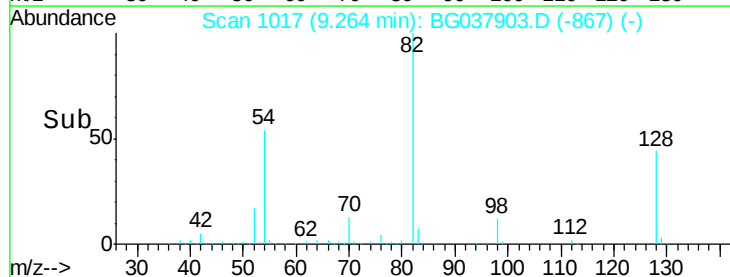
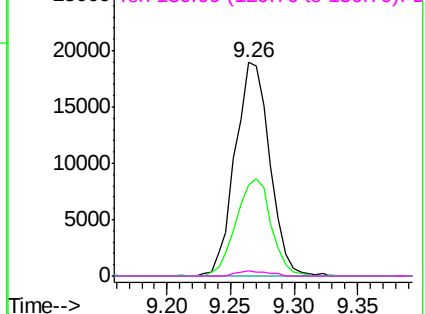
42 42.3 53.9 80.9#

101 0.0 8.2 12.2#

130 2.7 18.2 27.4#



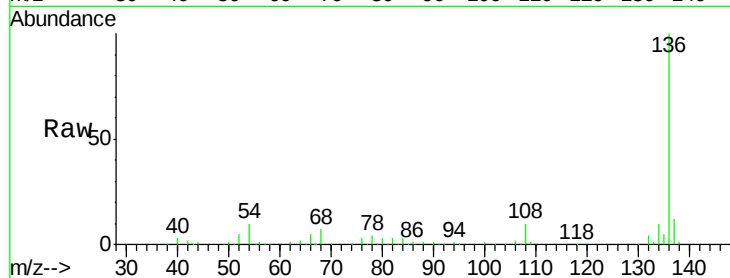
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



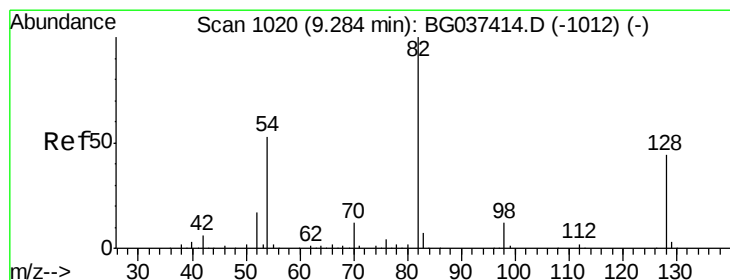
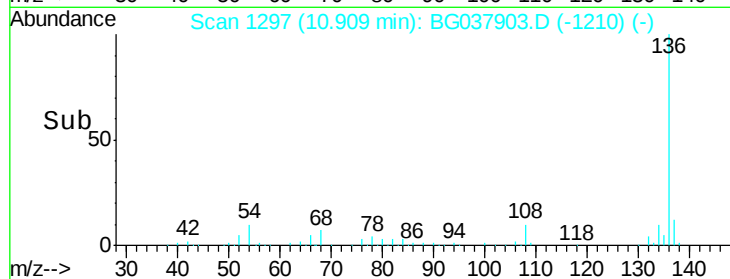
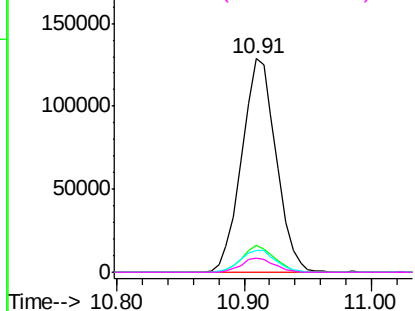


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037903.D
Acq: 9 Nov 2018 3:41

Tgt Ion:	136	Resp:	241889
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	10.2	7.9	11.9
68	6.6	4.8	7.2

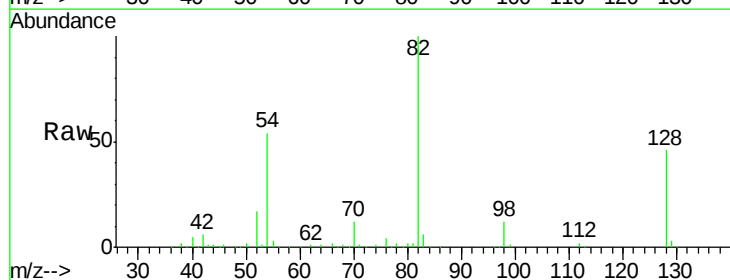


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

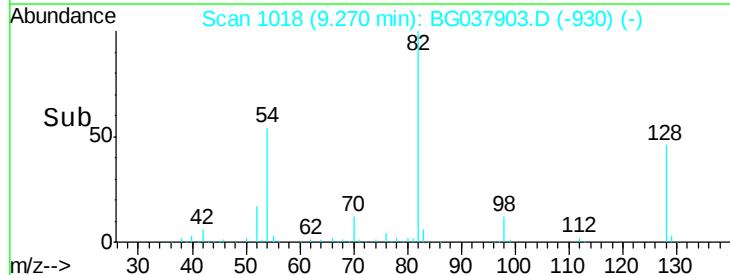
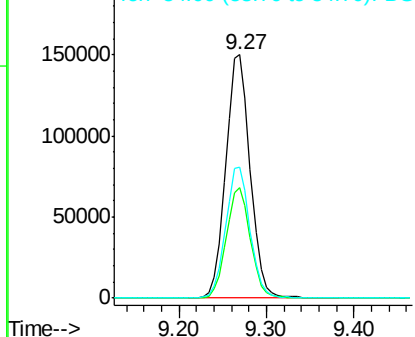


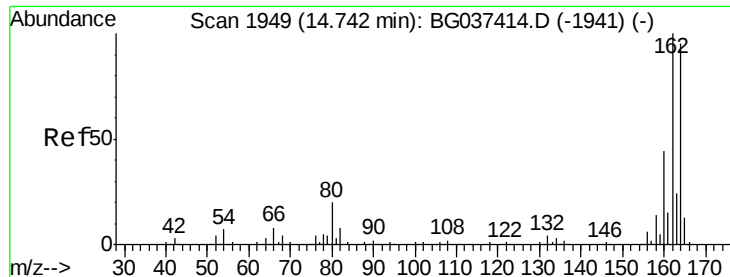
#23
Nitrobenzene-d5
Concen: 66.150 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037903.D
Acq: 9 Nov 2018 3:41

Tgt Ion:	82	Resp:	285634
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	53.9	45.3	67.9



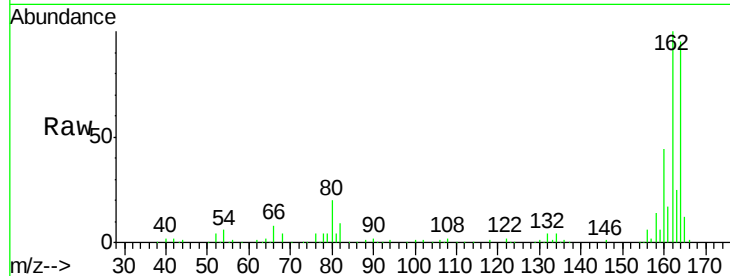
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



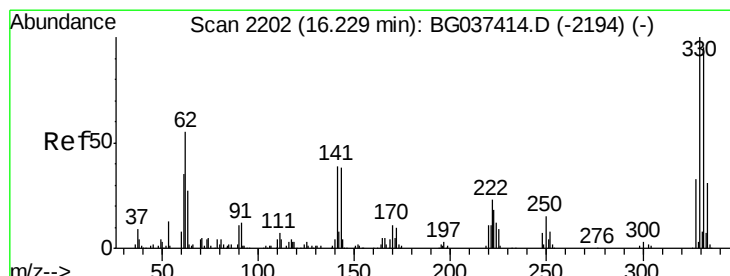
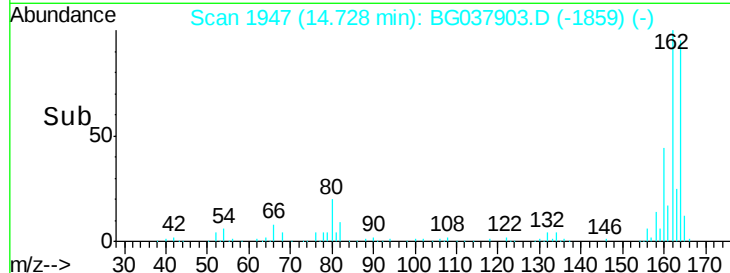
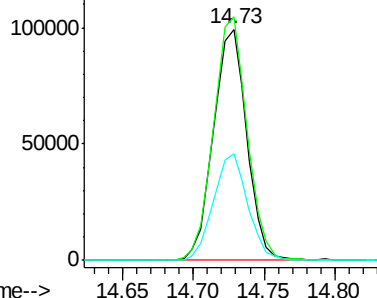


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG037903.D
Acq: 9 Nov 2018 3:41

Tgt Ion:164 Resp: 164207
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 46.3 36.3 54.5

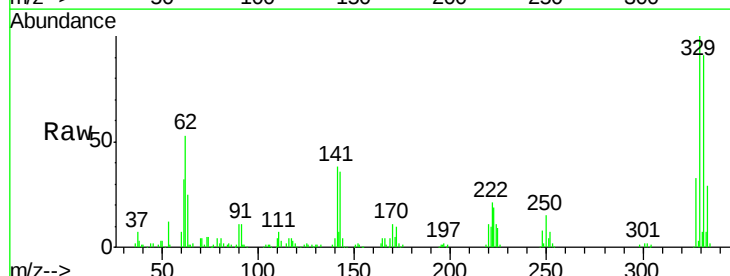


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

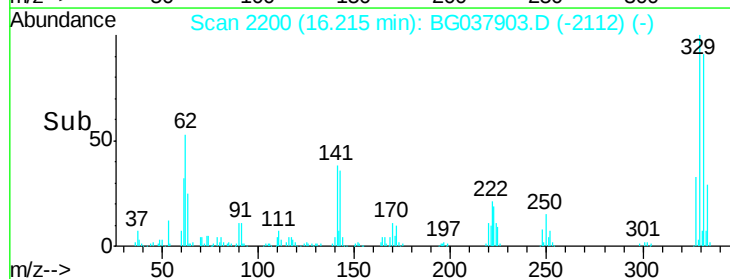
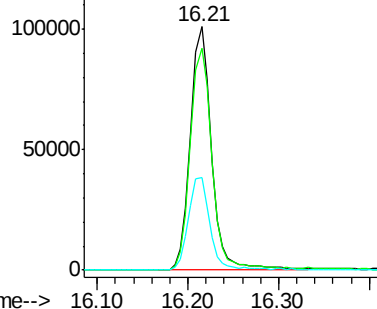


#42
2,4,6-Tribromophenol
Concen: 91.510 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037903.D
Acq: 9 Nov 2018 3:41

Tgt Ion:330 Resp: 163893
Ion Ratio Lower Upper
330 100
332 93.7 78.4 117.6
141 38.6 32.2 48.2



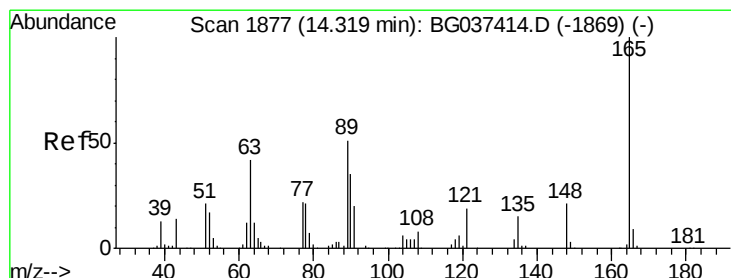
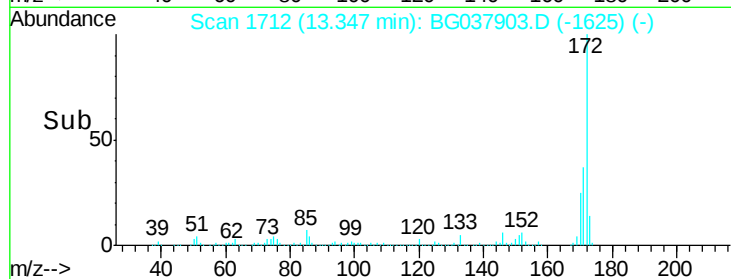
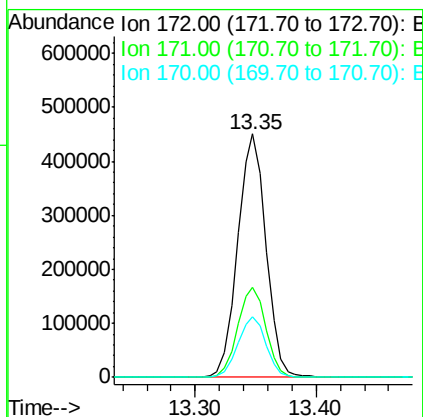
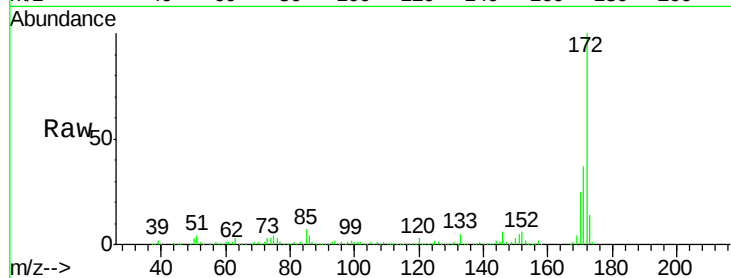
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





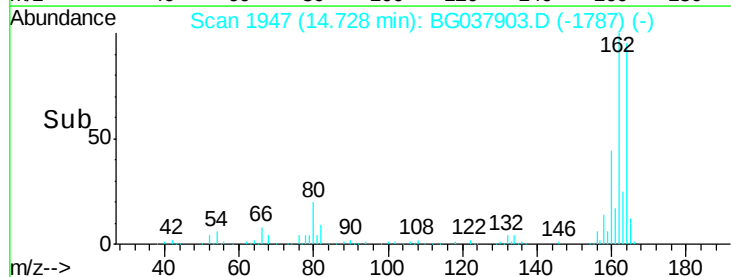
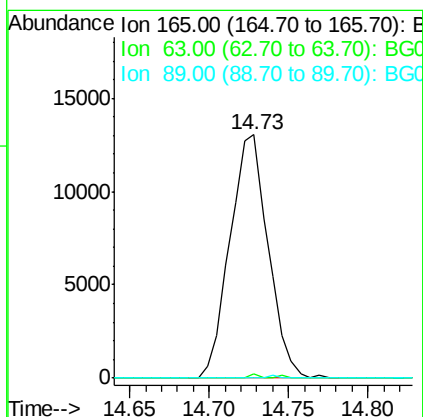
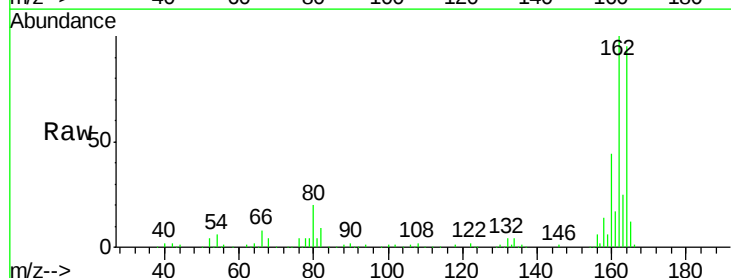
#45
 2-Fluorobiphenyl
 Concen: 67.491 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037903.D
 Acq: 9 Nov 2018 3:41

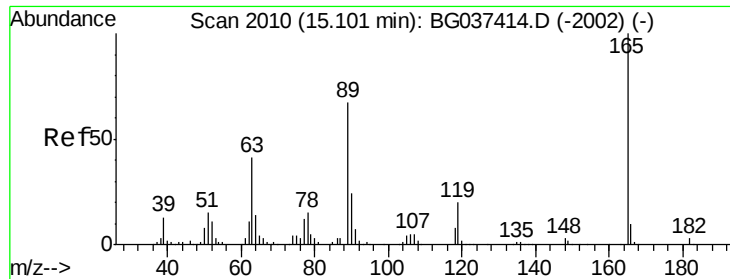
Tgt Ion:	172	Resp:	734937
Ion	Ratio	Lower	Upper
172	100		
171	36.7	31.0	46.4
170	25.1	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.745 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037903.D
 Acq: 9 Nov 2018 3:41

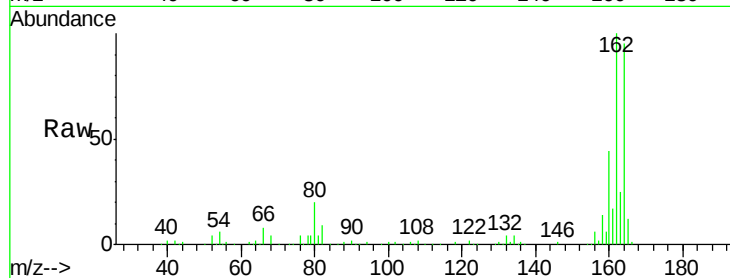
Tgt Ion:	165	Resp:	21765
Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.2#
89	0.0	45.8	68.6#





#57
 2,4-Dinitrotoluene
 Concen: 5.900 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037903.D
 Acq: 9 Nov 2018 3:41

Tgt Ion:	165	Resp:	21765
Ion	Ratio	Lower	Upper
165	100		
63	1.8	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

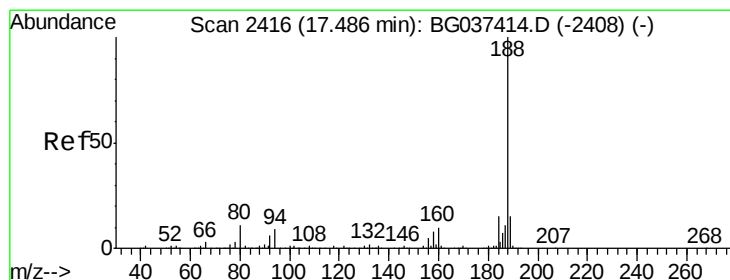
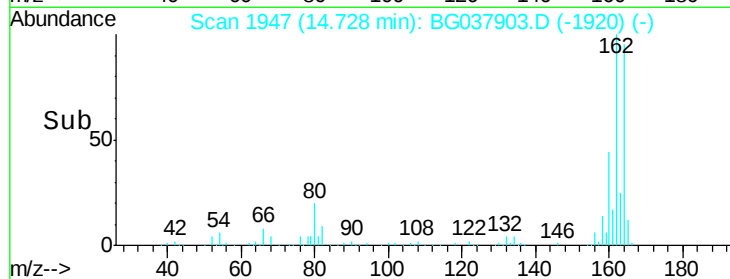
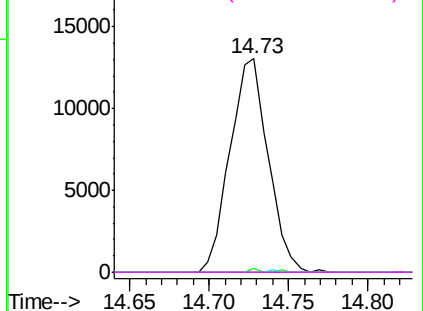


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

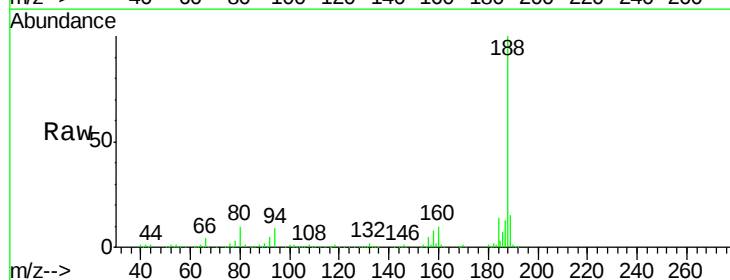
Ion 89.00 (88.70 to 89.70): BGC

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: BG037903.D
 Acq: 9 Nov 2018 3:41

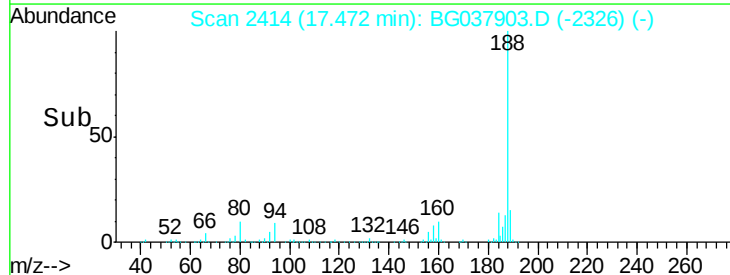
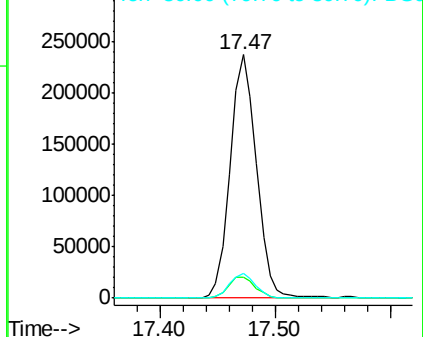
Tgt Ion:	188	Resp:	373236
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.1	7.7	11.5

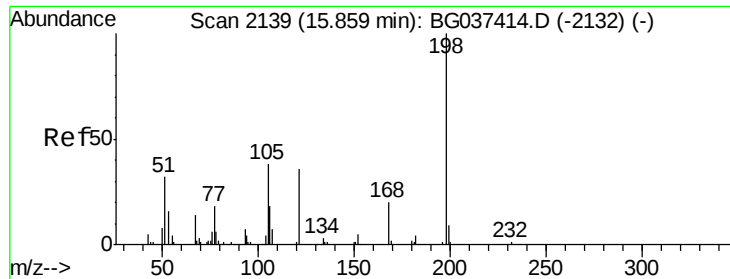


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

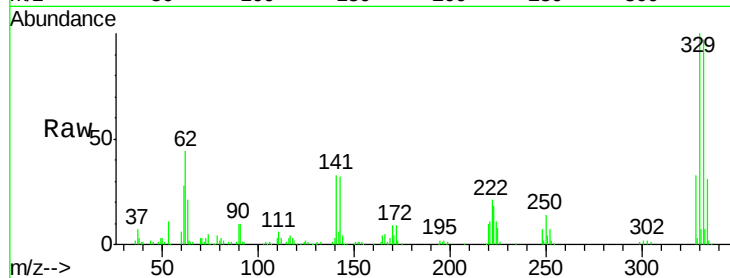
Ion 80.00 (79.70 to 80.70): BGC



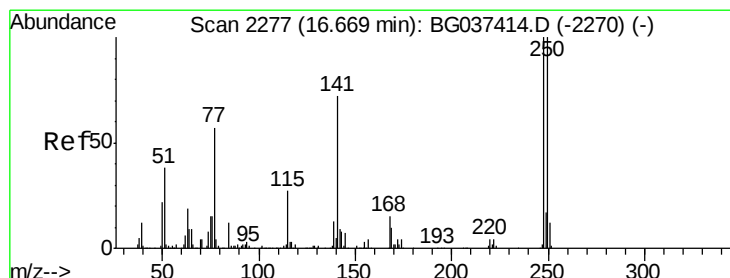
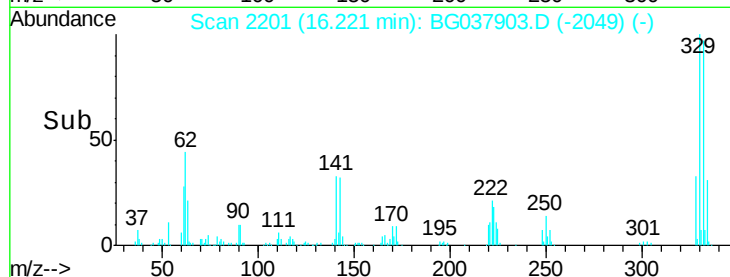
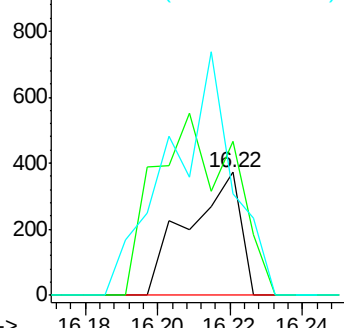


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.666 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. 0.36 min
 Lab File: BG037903.D
 Acq: 9 Nov 2018 3:41

Tgt Ion:198 Resp: 377
 Ion Ratio Lower Upper
 198 100
 51 32.0 22.7 62.7
 105 20.9 19.7 59.7

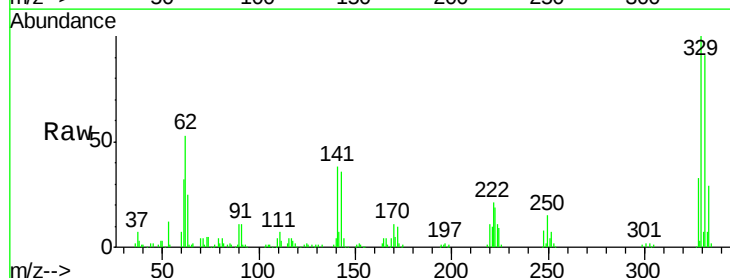


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

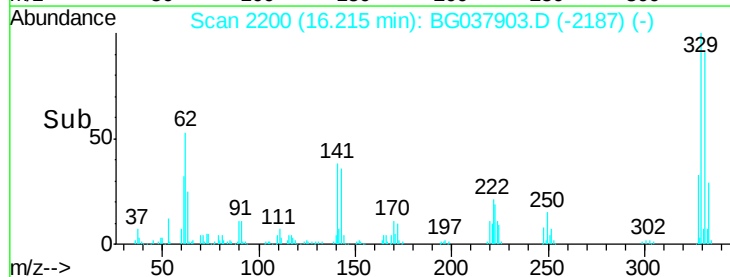
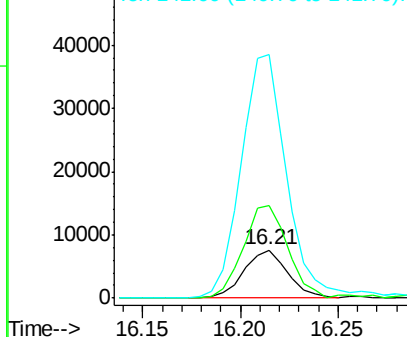


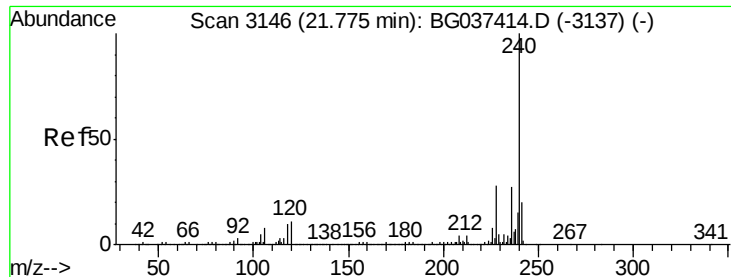
#67
 4-Bromophenyl-phenylether
 Concen: 2.870 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037903.D
 Acq: 9 Nov 2018 3:41

Tgt Ion:248 Resp: 11764
 Ion Ratio Lower Upper
 248 100
 250 187.4 77.0 115.6#
 141 387.0 55.5 83.3#



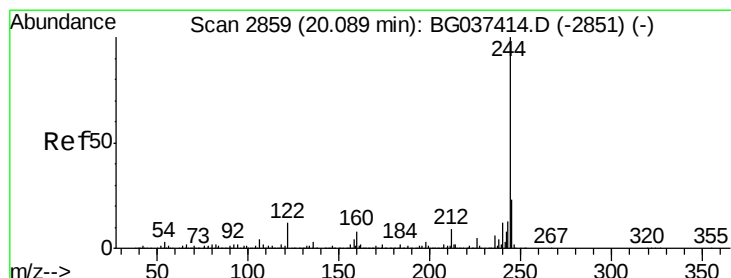
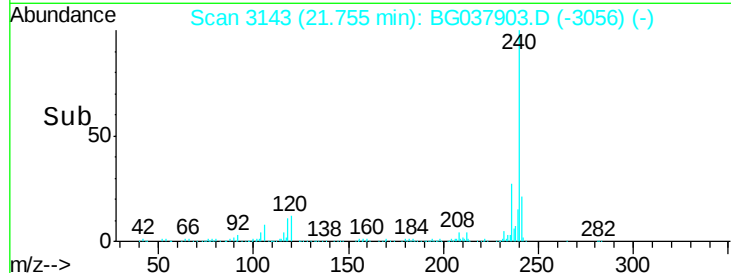
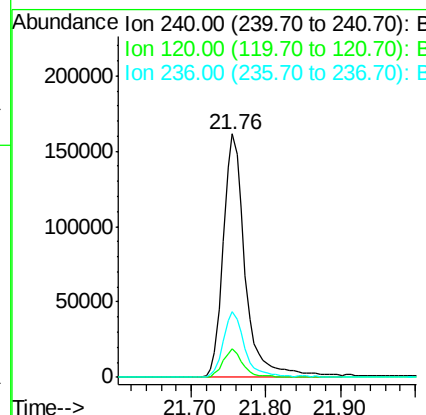
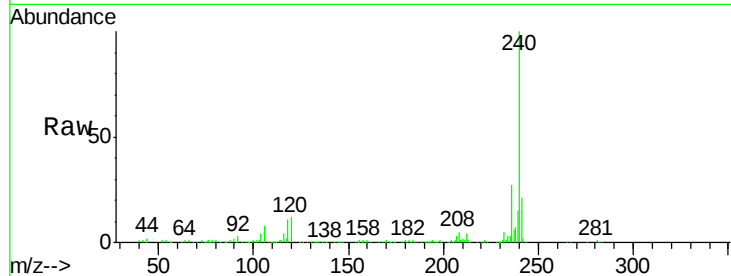
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





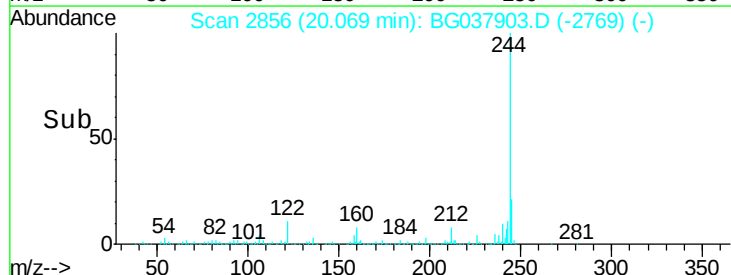
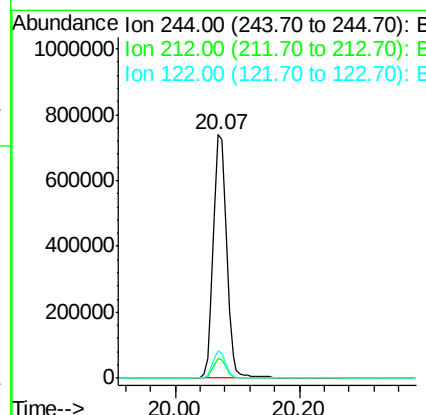
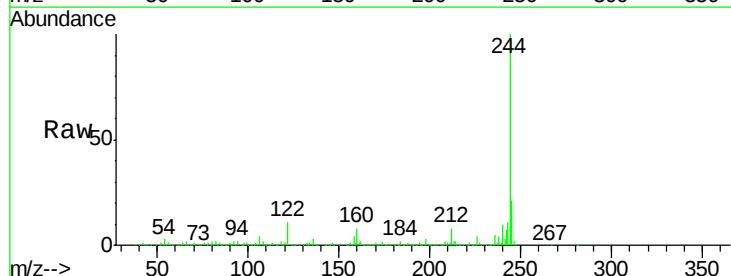
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037903.D
Acq: 9 Nov 2018 3:41

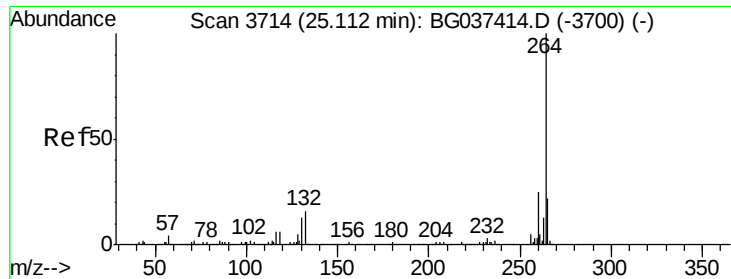
Tgt Ion:240 Resp: 331864
Ion Ratio Lower Upper
240 100
120 11.6 8.1 12.1
236 26.9 21.4 32.0



#79
Terphenyl-d14
Concen: 70.513 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037903.D
Acq: 9 Nov 2018 3:41

Tgt Ion:244 Resp: 1095142
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 11.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037903.D
Acq: 9 Nov 2018 3:41

Tgt Ion:	264	Resp:	277910
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	22.4	17.9	26.9

