

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037909.D
 Acq On : 9 Nov 2018 7:34
 Operator : JU/SJ
 Sample : J5858-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

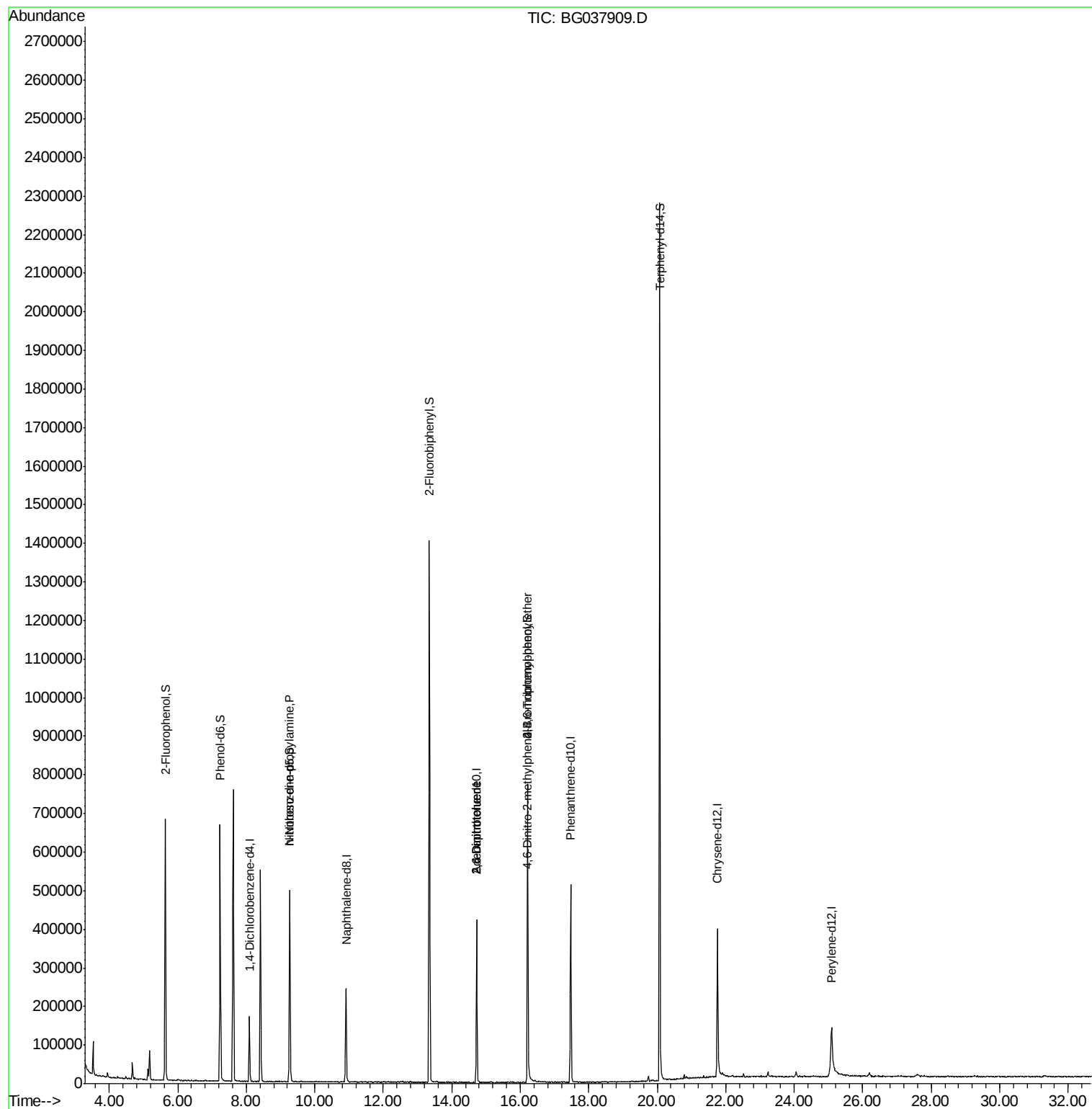
Quant Time: Nov 09 14:45:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50081	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	228176	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	150971	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	336090	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	291989	20.00	ng	-0.02
87) Perylene-d12	25.09	264	212211	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	323279	107.92	ng	0.00
7) Phenol-d6	7.24	99	431236	95.20	ng	-0.02
23) Nitrobenzene-d5	9.27	82	323226	79.35	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	150516	91.41	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	780368	77.95	ng	-0.02
79) Terphenyl-d14	20.07	244	1166120	85.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	41056	13.163	ng	# 70
51) 2,6-Dinitrotoluene	14.73	165	19422	7.517	ng	# 27
57) 2,4-Dinitrotoluene	14.73	165	19422	5.727	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.20	198	431	8.709	ng	# 61
67) 4-Bromophenyl-phenylether	16.21	248	10666	2.890	ng	# 1

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

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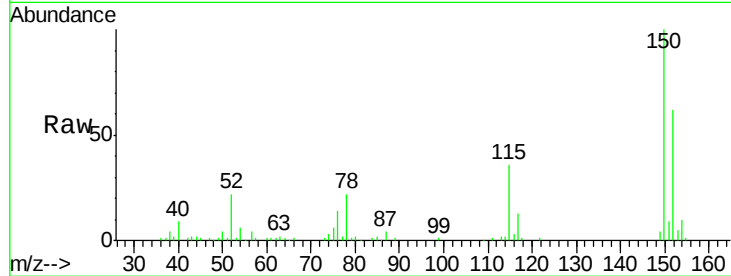




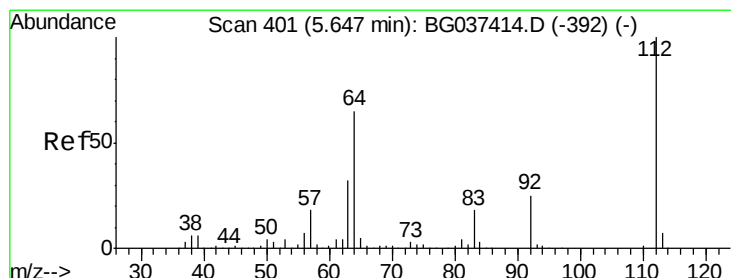
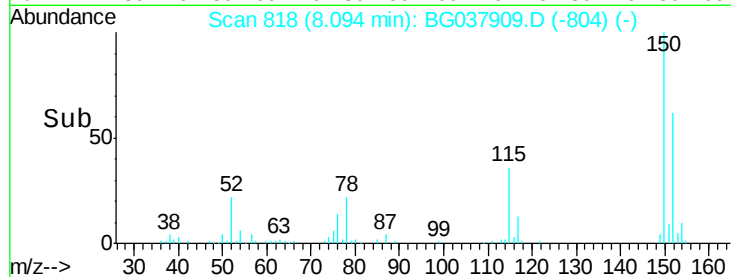
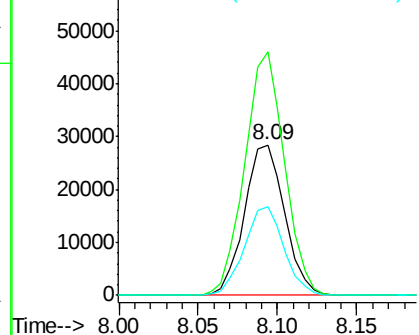
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.1	126.0	189.0
115	58.8	45.5	68.3



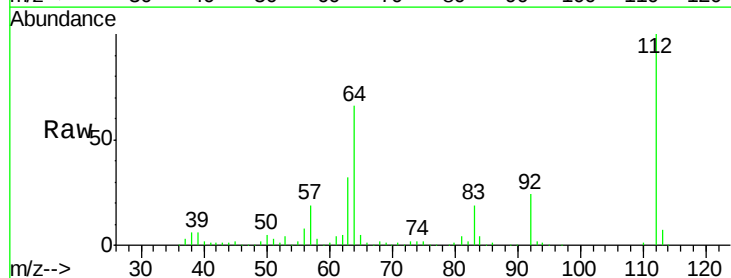
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



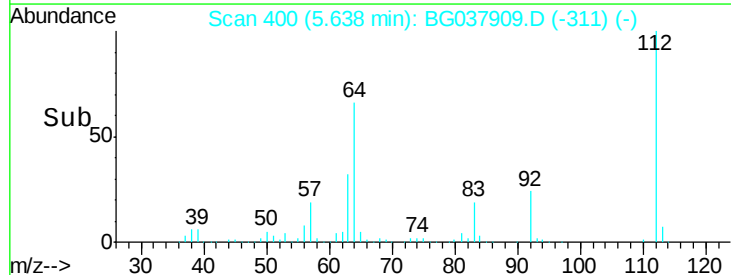
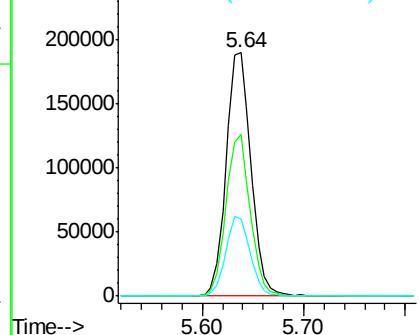
#5

2-Fluorophenol
Concen: 107.920 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	53.1	79.7
63	31.6	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: 95.203 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037909.D

Acq: 9 Nov 2018 7:34

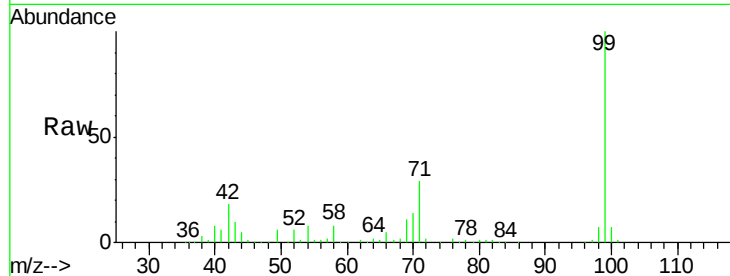
Tgt Ion: 99 Resp: 431236

Ion Ratio Lower Upper

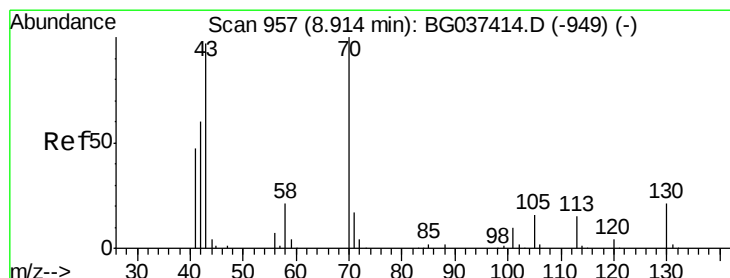
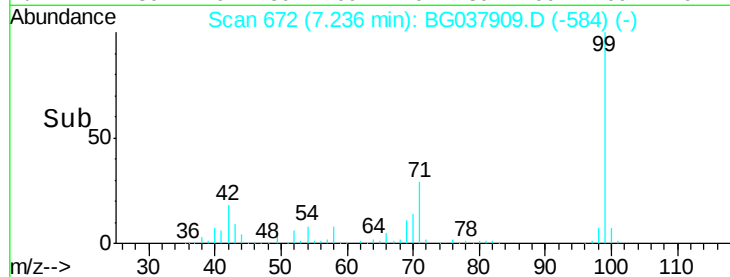
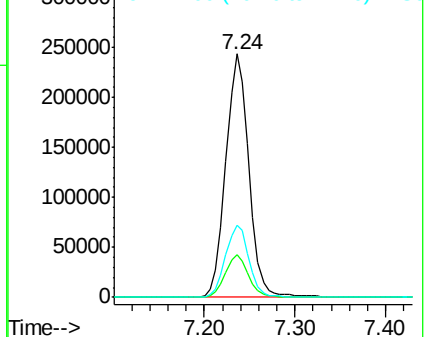
99 100

42 17.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 13.163 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.35 min

Lab File: BG037909.D

Acq: 9 Nov 2018 7:34

Tgt Ion: 70 Resp: 41056

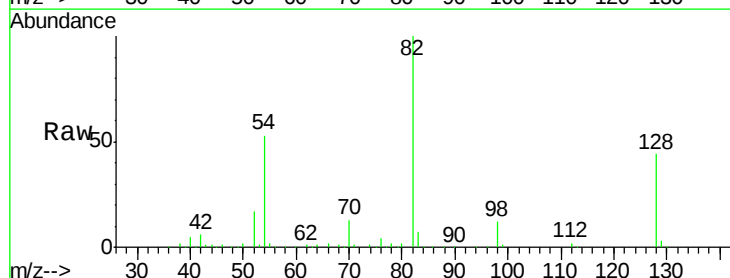
Ion Ratio Lower Upper

70 100

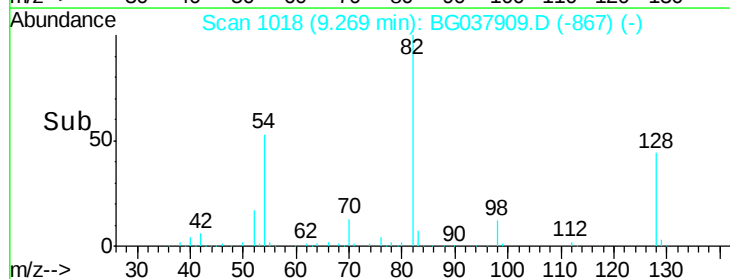
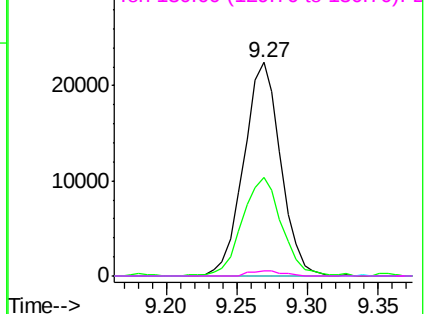
42 46.0 53.9 80.9#

101 0.0 8.2 12.2#

130 2.2 18.2 27.4#



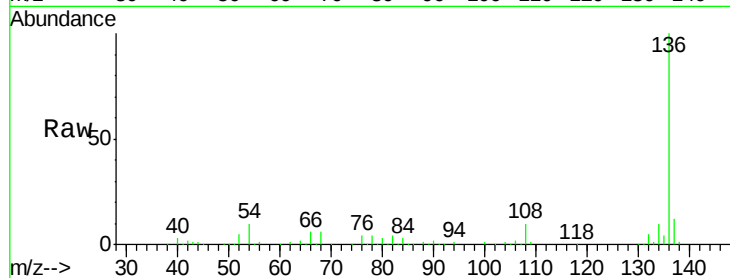
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



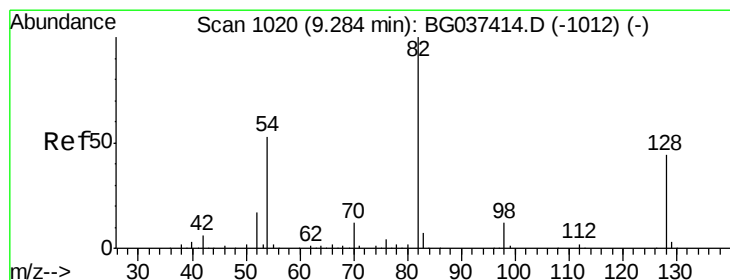
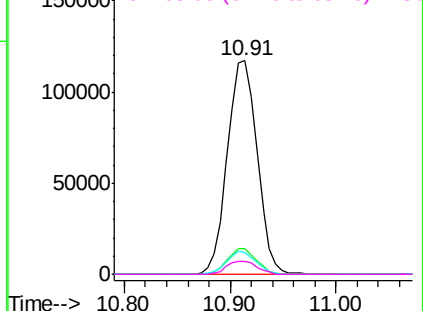
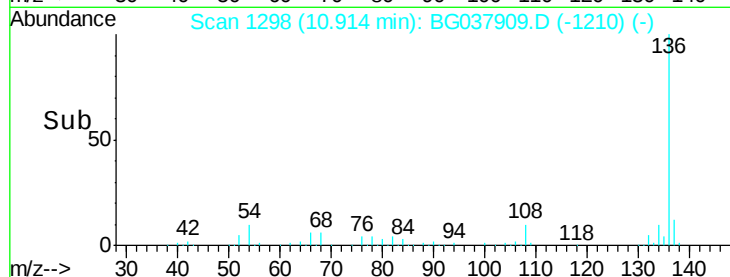


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tgt Ion:	136	Resp:	228176
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.6	14.4
54	10.4	7.9	11.9
68	6.2	4.8	7.2

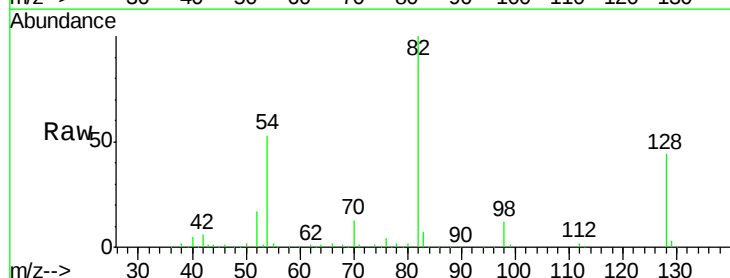


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

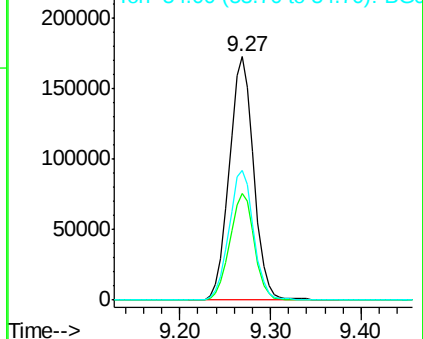
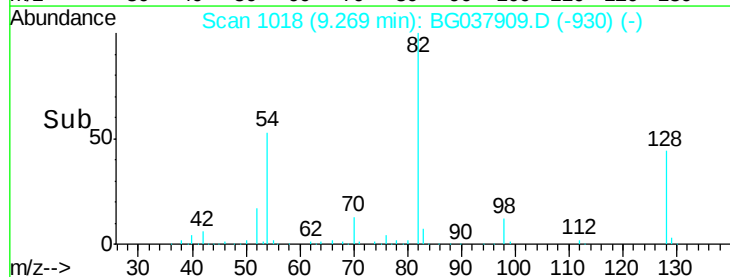


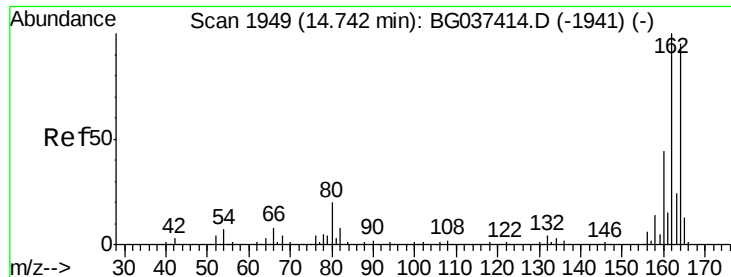
#23
Nitrobenzene-d5
Concen: 79.354 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tgt Ion:	82	Resp:	323226
Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.6	51.8
54	53.5	45.3	67.9



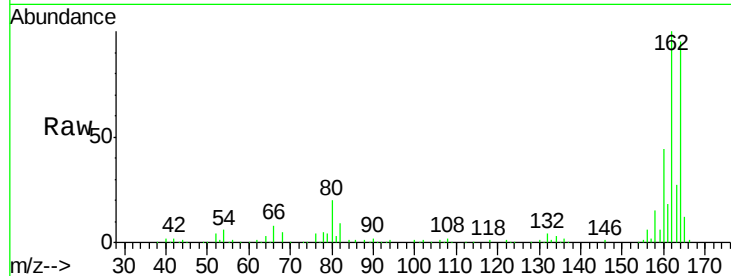
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



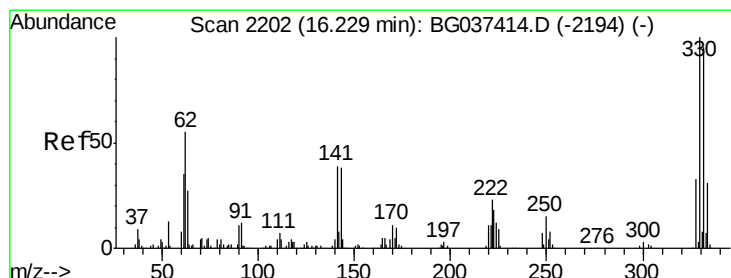
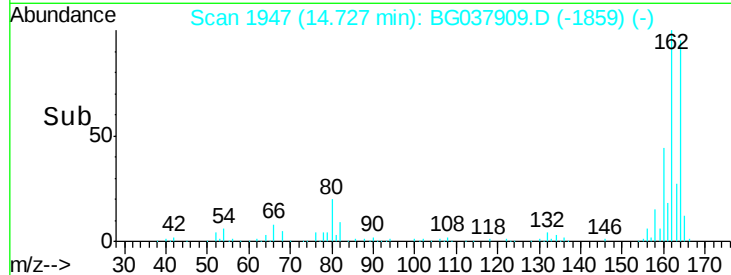
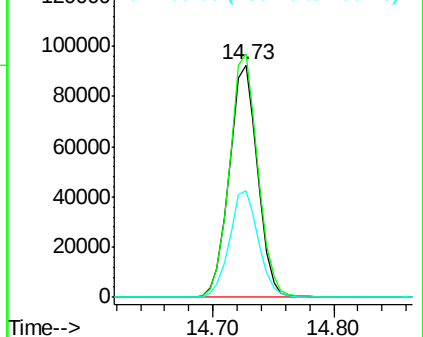


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tgt Ion:164 Resp: 150971
Ion Ratio Lower Upper
164 100
162 104.8 81.3 121.9
160 46.1 36.3 54.5

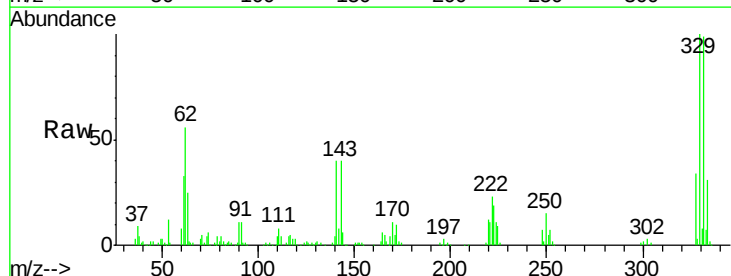


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

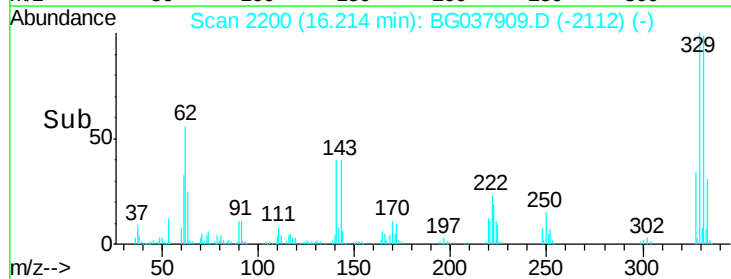
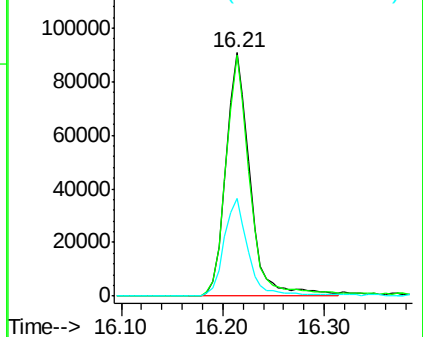


#42
2,4,6-Tribromophenol
Concen: 91.409 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tgt Ion:330 Resp: 150516
Ion Ratio Lower Upper
330 100
332 99.8 78.4 117.6
141 39.6 32.2 48.2



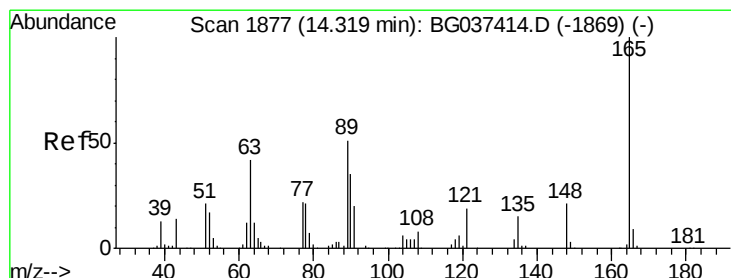
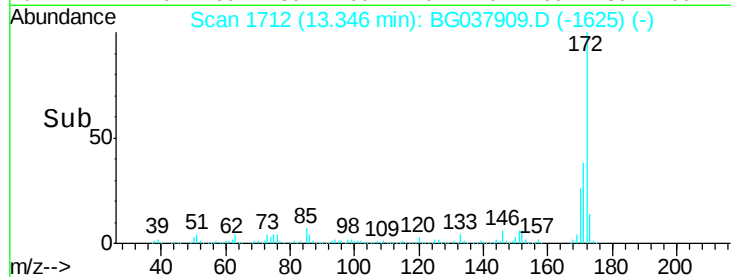
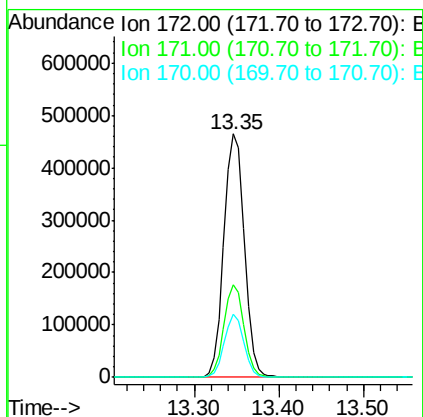
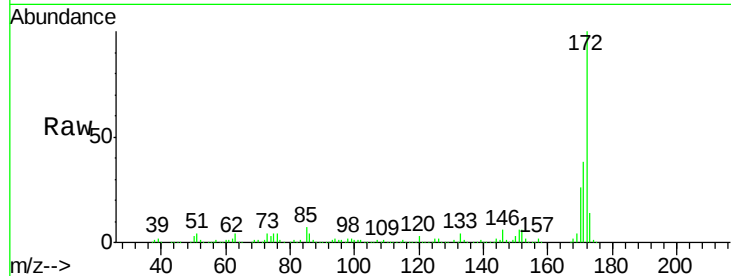
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





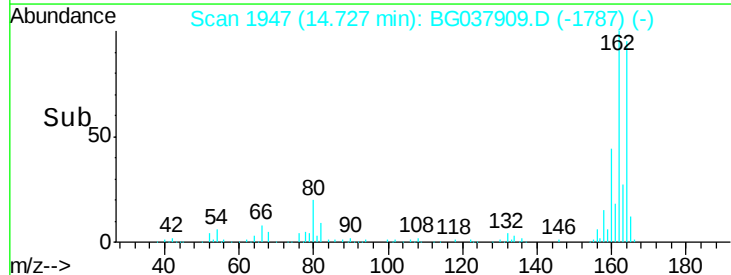
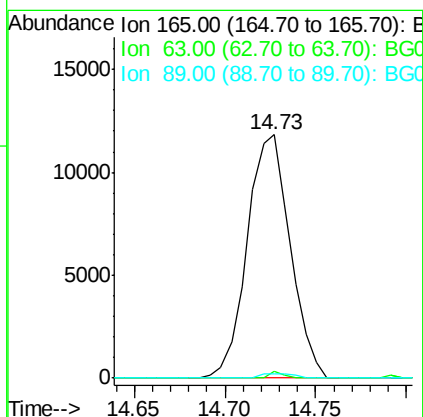
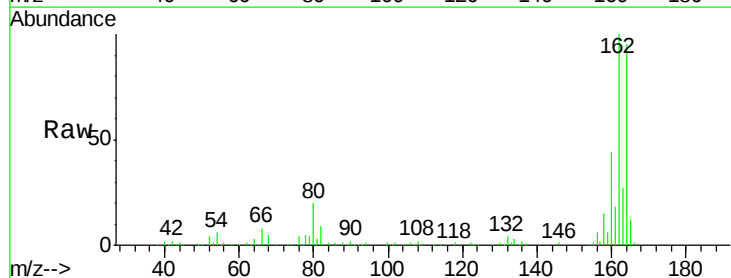
#45
 2-Fluorobiphenyl
 Concen: 77.946 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037909.D
 Acq: 9 Nov 2018 7:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	25.8	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.517 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. 0.41 min
 Lab File: BG037909.D
 Acq: 9 Nov 2018 7:34

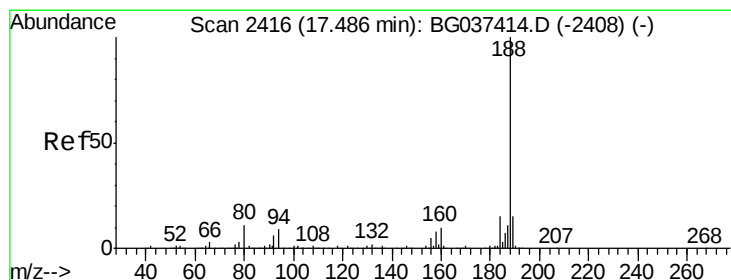
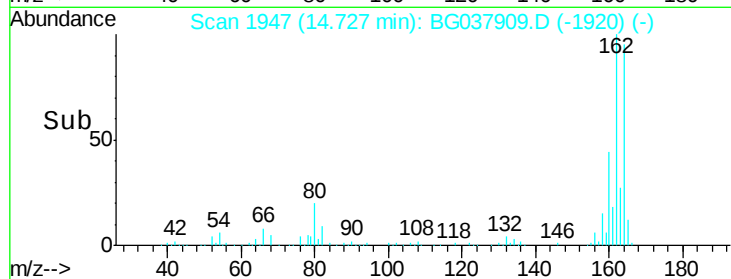
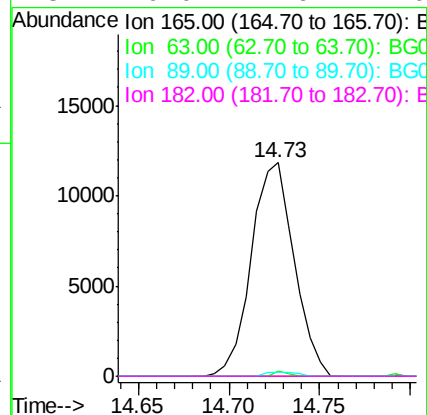
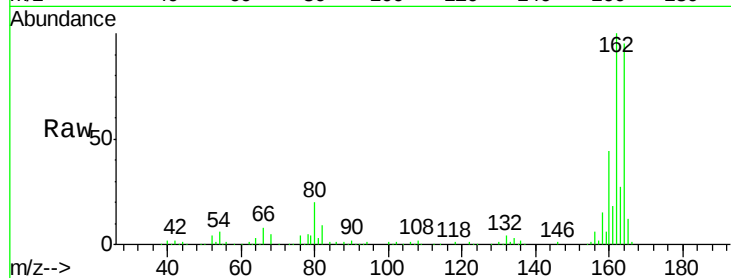
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	43.4	65.2#
89	2.0	45.8	68.6#





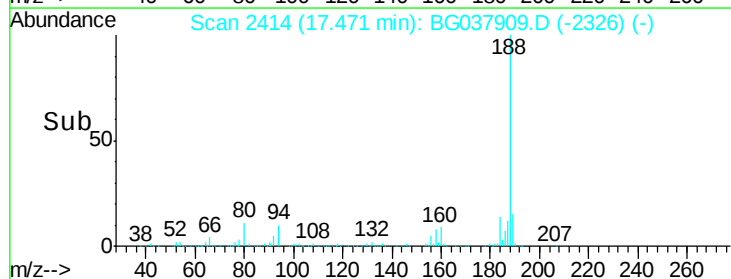
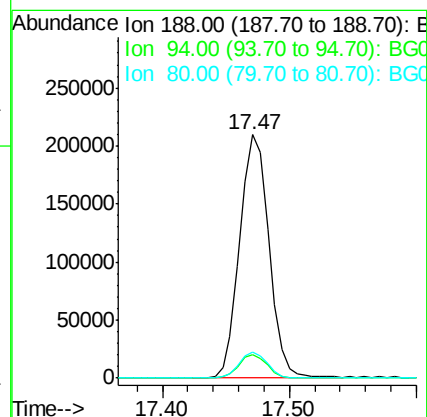
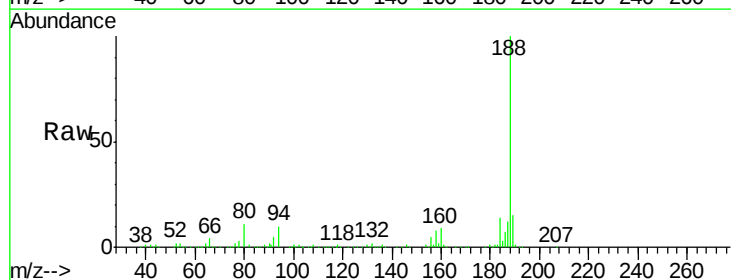
#57
 2,4-Dinitrotoluene
 Concen: 5.727 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037909.D
 Acq: 9 Nov 2018 7:34

Tgt Ion:	165	Resp:	19422
Ion	Ratio	Lower	Upper
165	100		
63	2.6	33.4	50.0#
89	2.0	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. -0.02 min
 Lab File: BG037909.D
 Acq: 9 Nov 2018 7:34

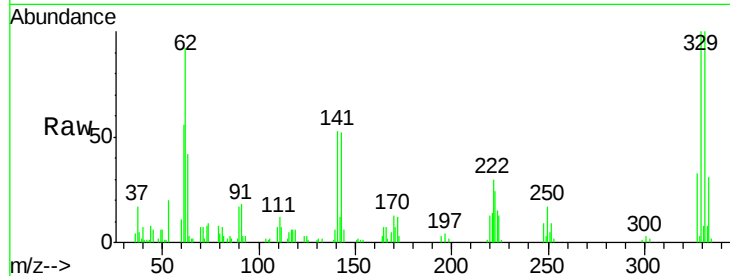
Tgt Ion:	188	Resp:	336090
Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.2	10.8
80	10.6	7.7	11.5



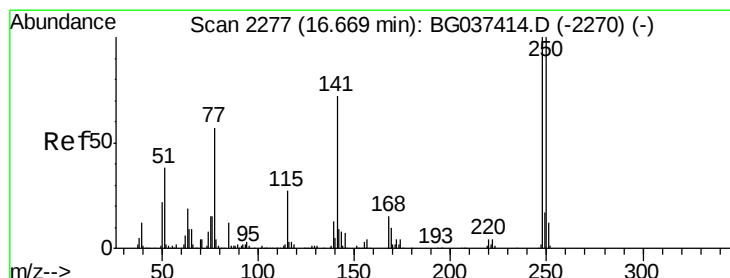
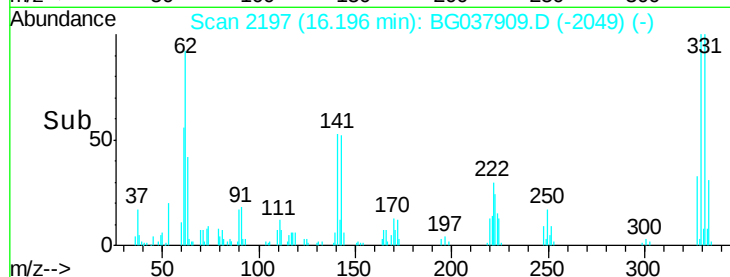
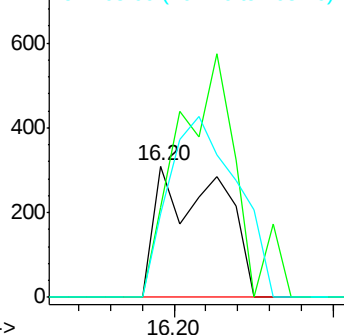


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.709 ng
 RT: 16.20 min Scan# 2197
 Delta R.T. 0.34 min
 Lab File: BG037909.D
 Acq: 9 Nov 2018 7:34

Tgt Ion	Ratio	Lower	Upper
198	100		
51	68.1	22.7	62.7#
105	63.2	19.7	59.7#

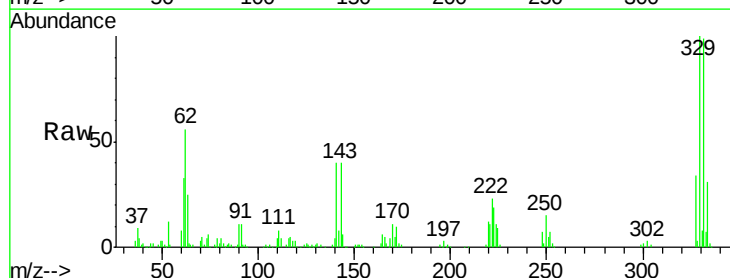


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGC
 Ion 105.00 (104.70 to 105.70): E

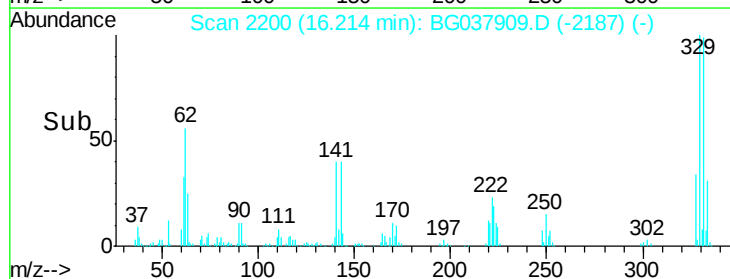
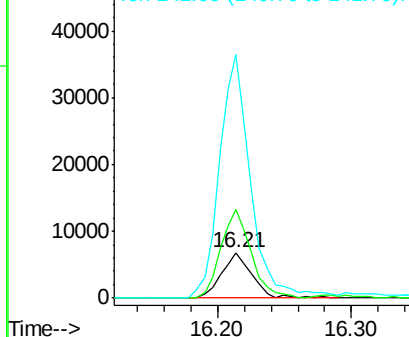


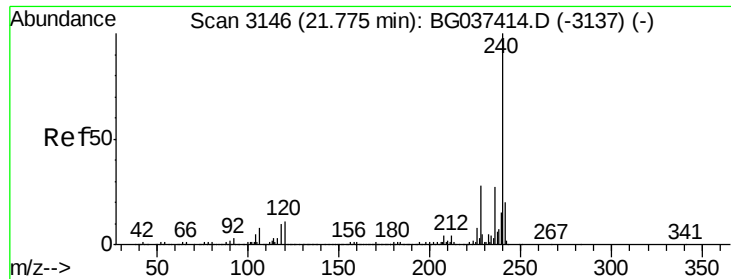
#67
 4-Bromophenyl-phenylether
 Concen: 2.890 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037909.D
 Acq: 9 Nov 2018 7:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.3	77.0	115.6#
141	405.2	55.5	83.3#



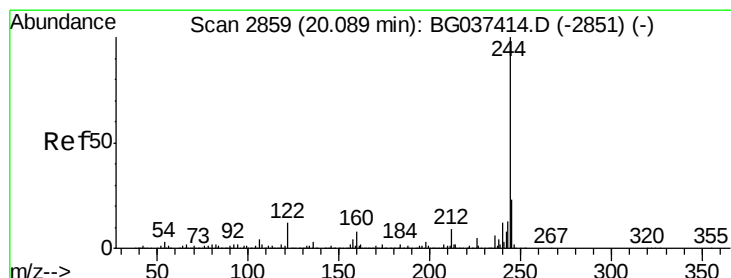
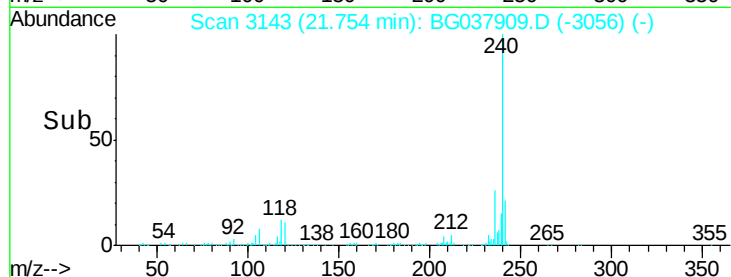
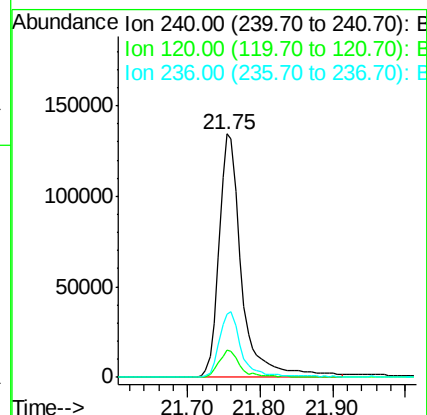
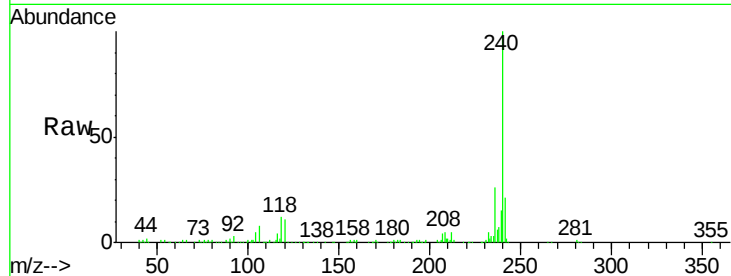
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





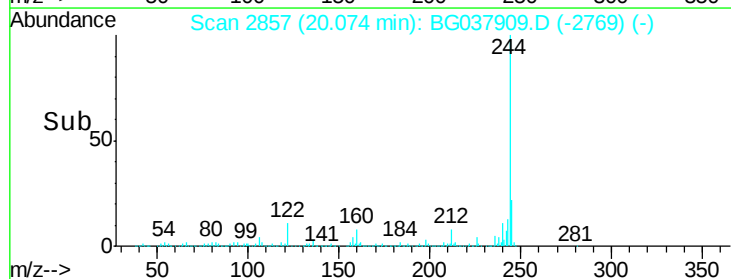
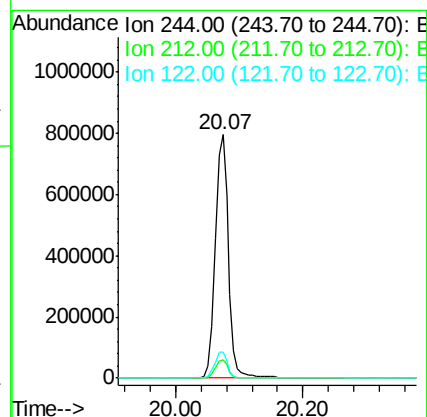
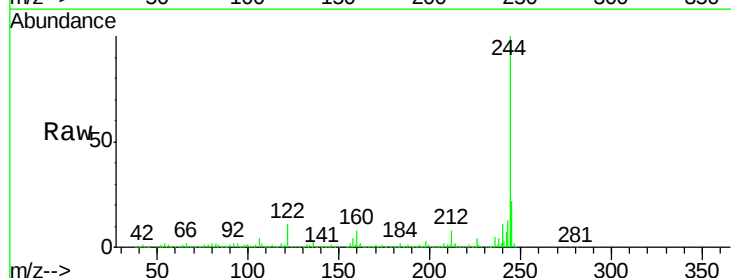
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

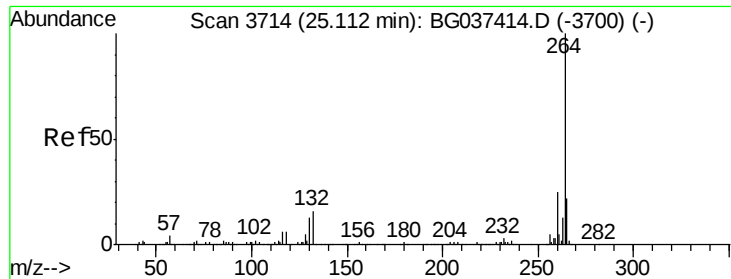
Tgt Ion:240 Resp: 291989
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.1 21.4 32.0



#79
Terphenyl-d14
Concen: 85.336 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

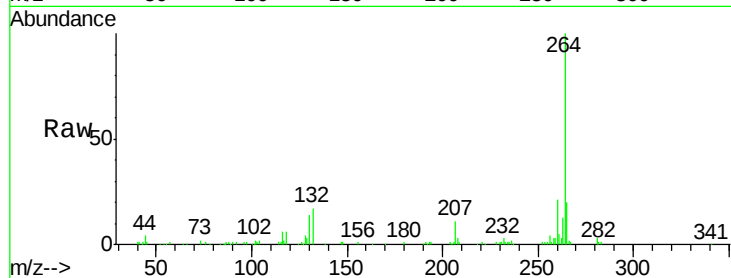
Tgt Ion:244 Resp: 1166120
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 10.9 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG037909.D
Acq: 9 Nov 2018 7:34

Tgt Ion:	264	Resp:	212211
Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.2	27.4
265	20.3	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

