

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037906.D
 Acq On : 9 Nov 2018 5:37
 Operator : JU/SJ
 Sample : J5768-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

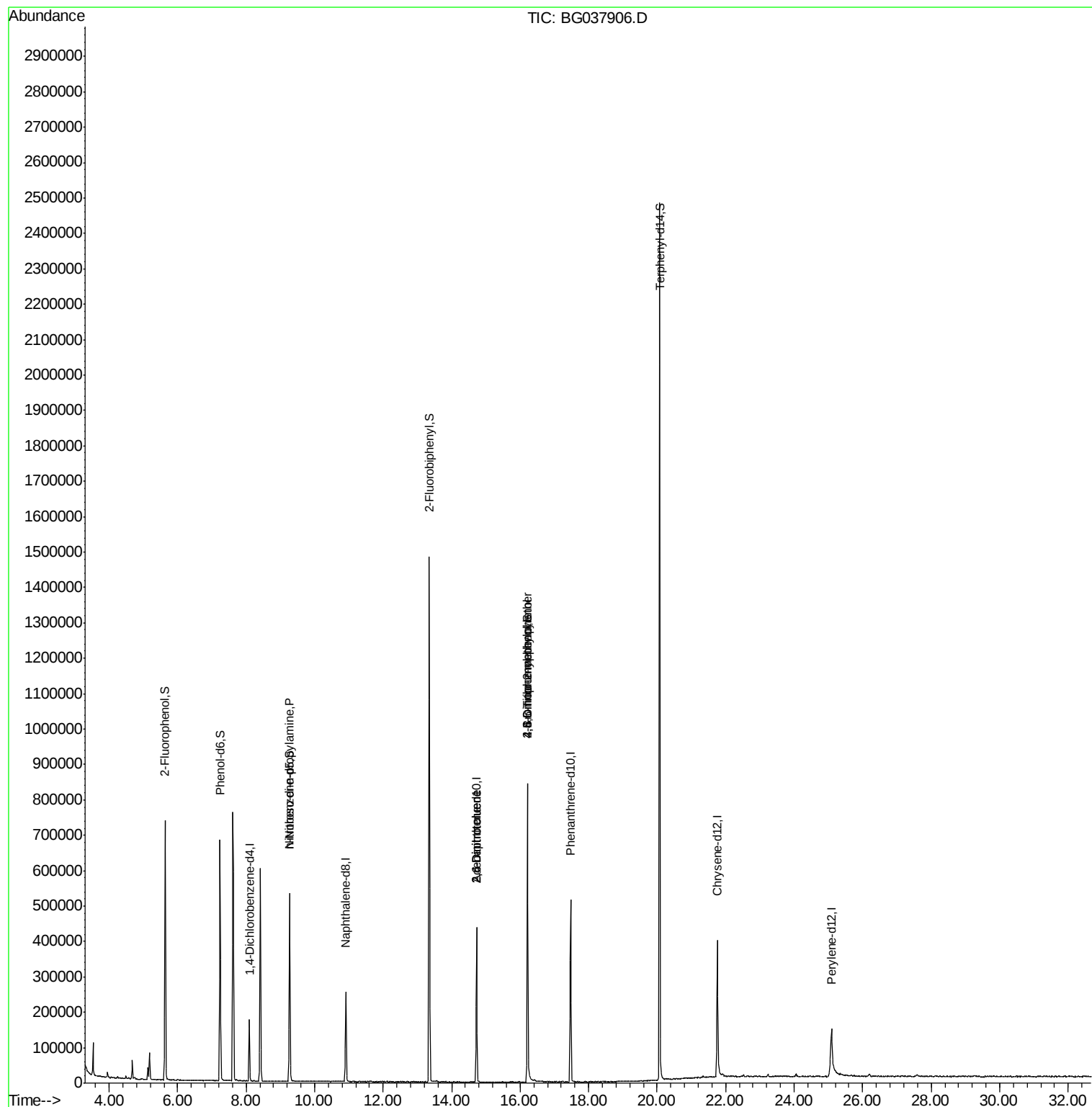
Quant Time: Nov 09 14:44:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51241	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	229146	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	151862	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	340380	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	300070	20.00	ng	-0.02
87) Perylene-d12	25.09	264	235875	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	342715	111.82	ng	-0.01
7) Phenol-d6	7.24	99	447887	96.64	ng	-0.01
23) Nitrobenzene-d5	9.27	82	339878	83.09	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	169383	102.26	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	816593	81.09	ng	-0.02
79) Terphenyl-d14	20.07	244	1229461	87.55	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.27	70	41861	13.117	ng	# 71
51) 2,6-Dinitrotoluene	14.72	165	19170	7.376	ng	# 24
57) 2,4-Dinitrotoluene	14.72	165	19170	5.619	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.22	198	561	8.766	ng	# 69
67) 4-Bromophenyl-phenylether	16.21	248	11772	3.149	ng	# 1

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

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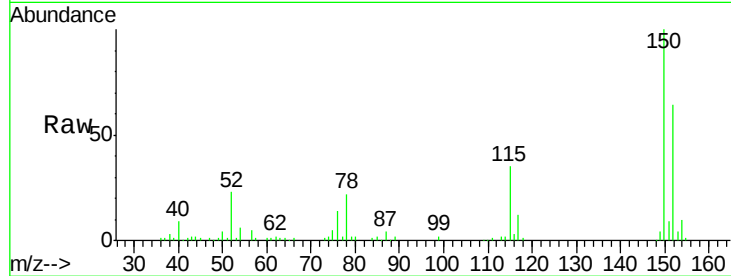




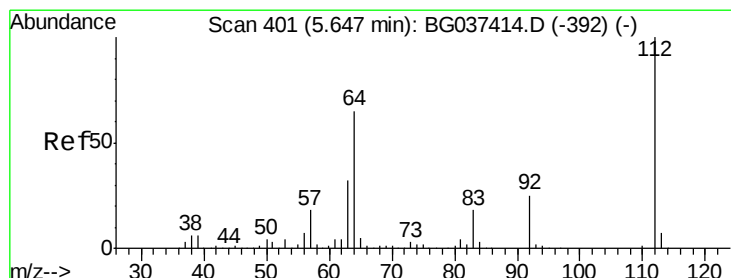
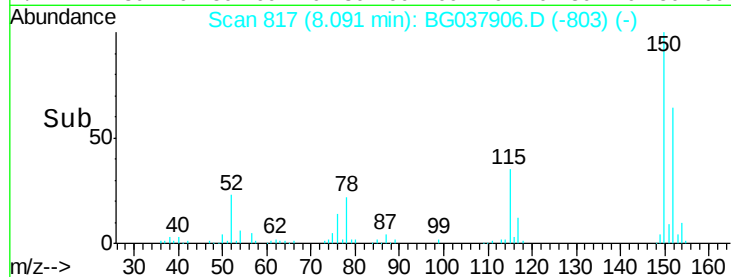
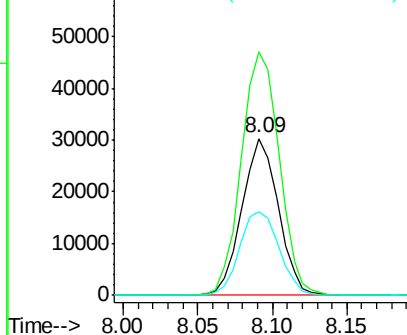
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037906.D
Acq: 9 Nov 2018 5:37

Tgt Ion:152 Resp: 51241
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 53.7 45.5 68.3



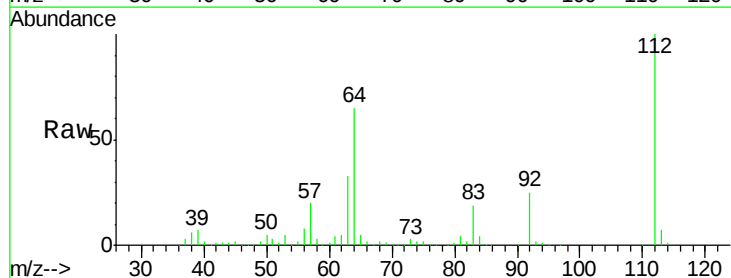
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



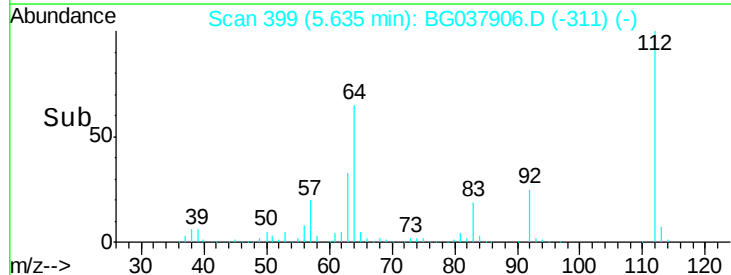
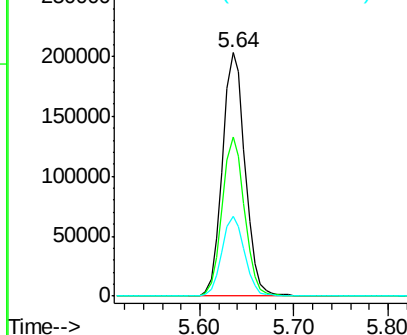
#5

2-Fluorophenol
Concen: 111.818 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037906.D
Acq: 9 Nov 2018 5:37

Tgt Ion:112 Resp: 342715
Ion Ratio Lower Upper
112 100
64 65.3 53.1 79.7
63 32.9 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: 96.641 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

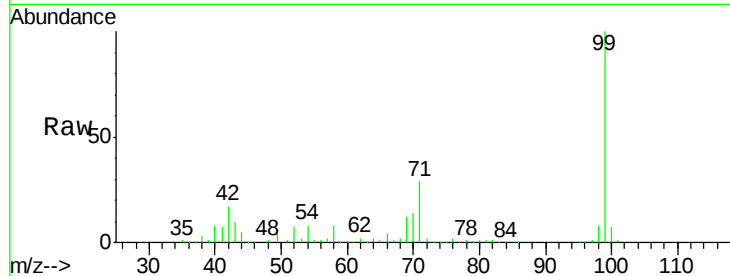
Tgt Ion: 99 Resp: 447887

Ion Ratio Lower Upper

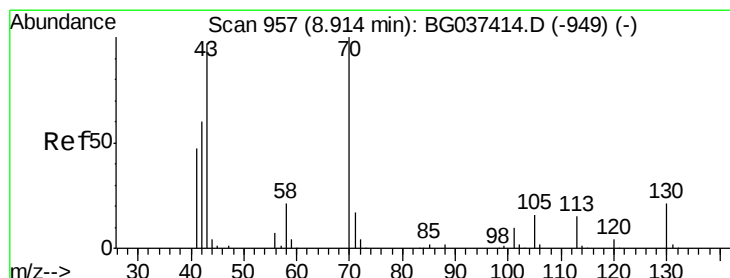
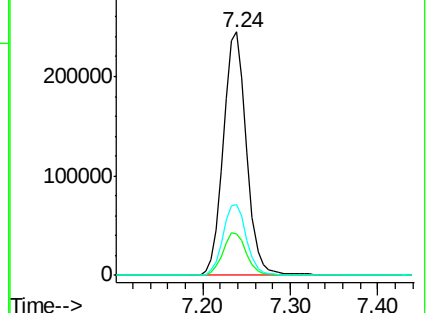
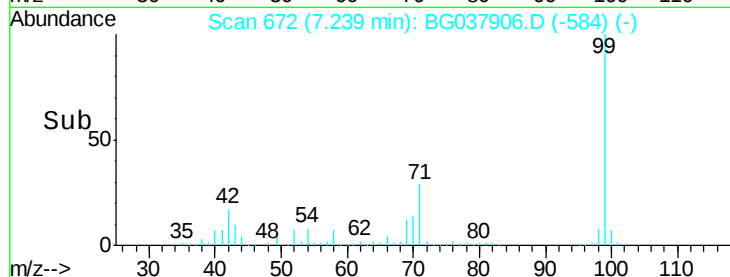
99 100

42 17.2 15.0 22.4

71 29.3 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: 13.117 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

Tgt Ion: 70 Resp: 41861

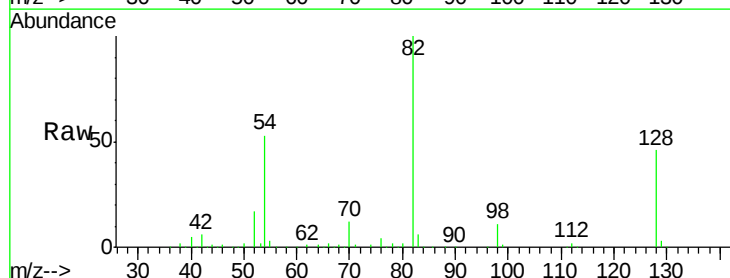
Ion Ratio Lower Upper

70 100

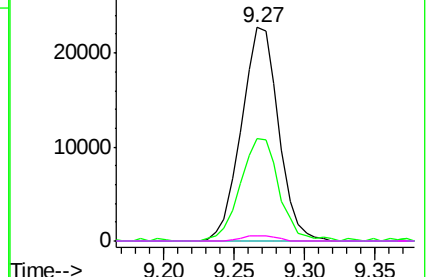
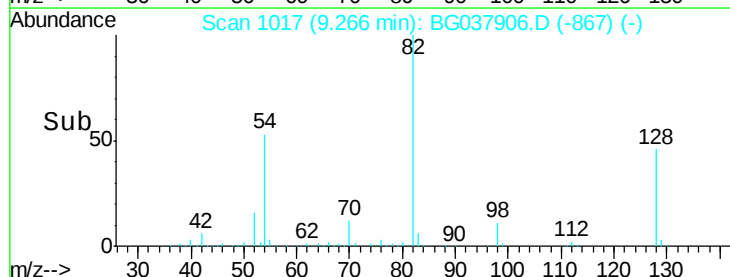
42 47.9 53.9 80.9#

101 0.0 8.2 12.2#

130 2.3 18.2 27.4#



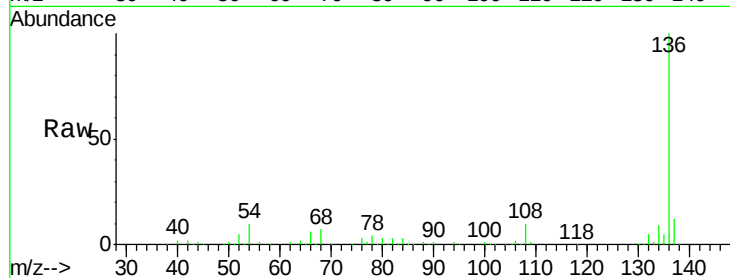
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



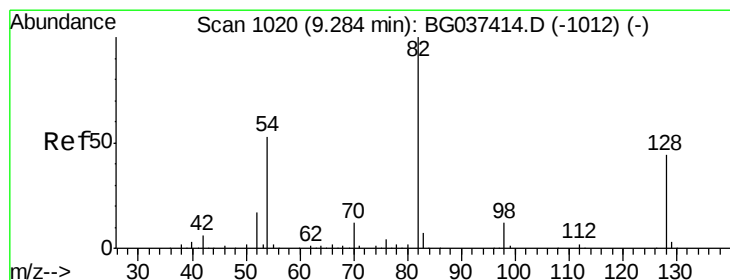
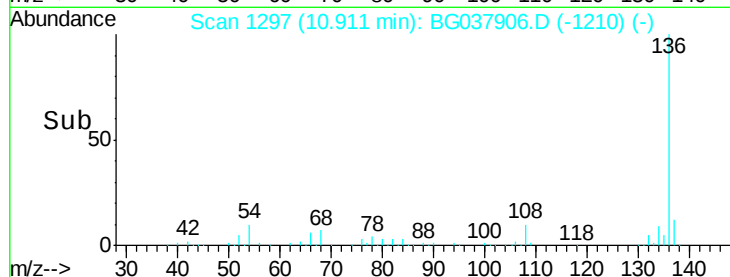
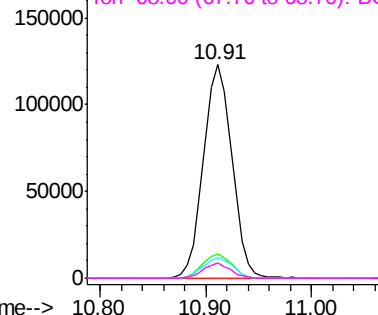


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037906.D
Acq: 9 Nov 2018 5:37

Tgt Ion:	136	Resp:	229146
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	9.7	7.9	11.9
68	7.0	4.8	7.2

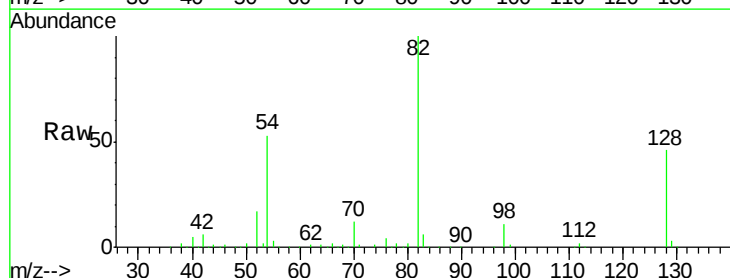


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

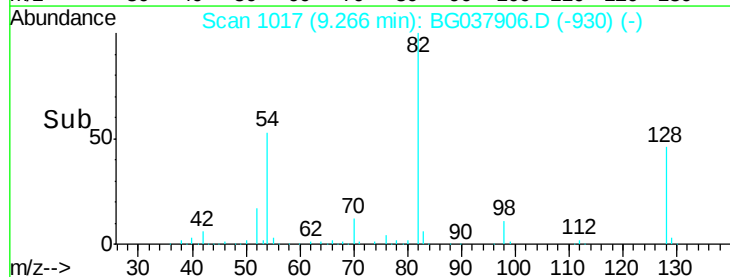
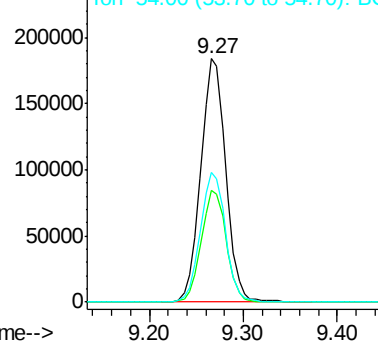


#23
Nitrobenzene-d5
Concen: 83.089 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037906.D
Acq: 9 Nov 2018 5:37

Tgt Ion:	82	Resp:	339878
Ion	Ratio	Lower	Upper
82	100		
128	46.2	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: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

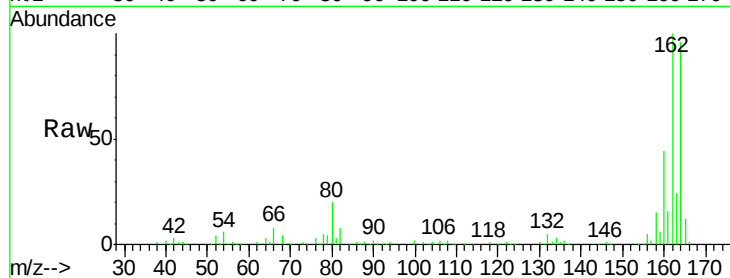
Tgt Ion:164 Resp: 151862

Ion Ratio Lower Upper

164 100

162 104.4 81.3 121.9

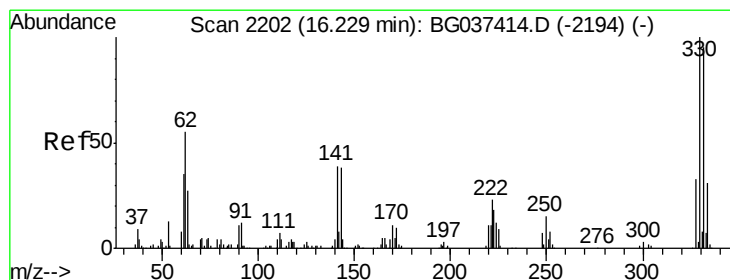
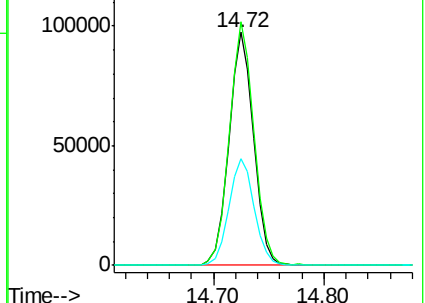
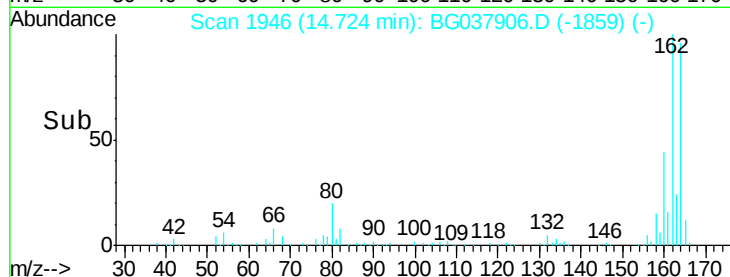
160 45.6 36.3 54.5



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: 102.263 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

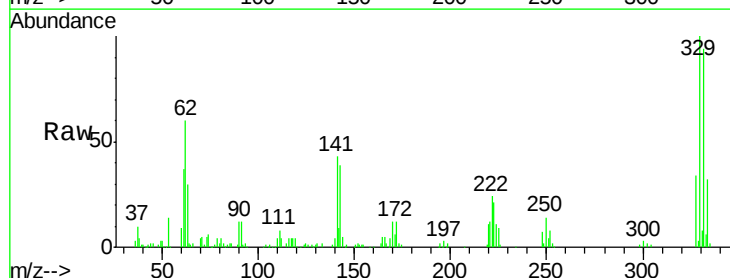
Tgt Ion:330 Resp: 169383

Ion Ratio Lower Upper

330 100

332 93.1 78.4 117.6

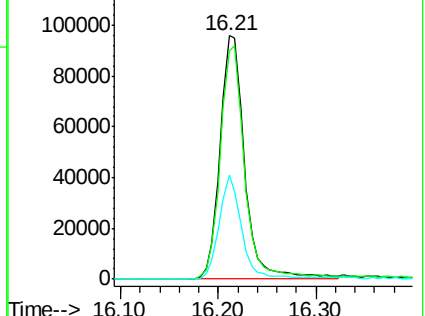
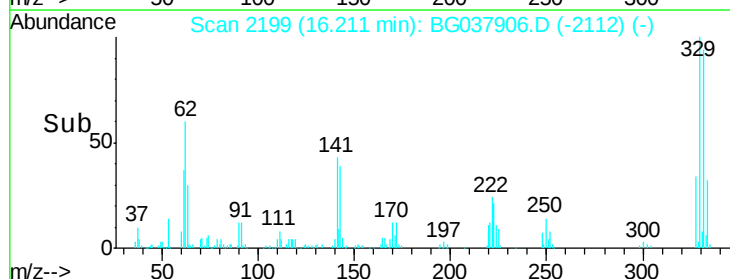
141 38.5 32.2 48.2

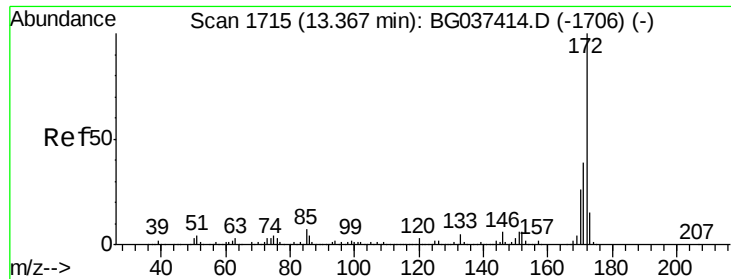


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

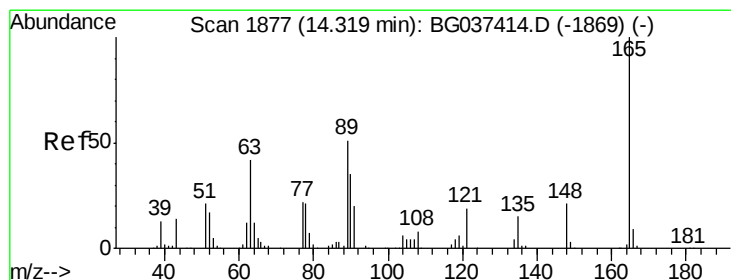
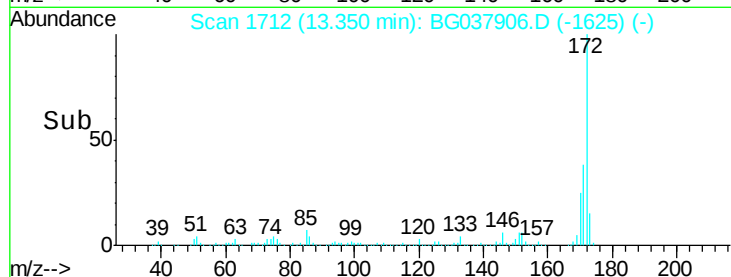
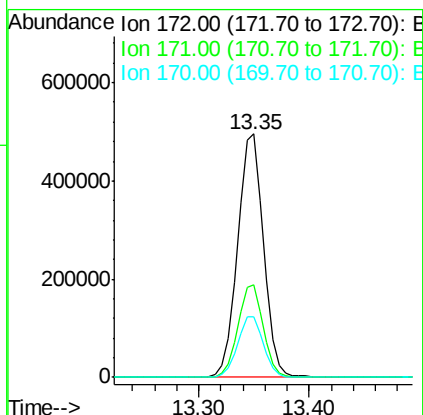
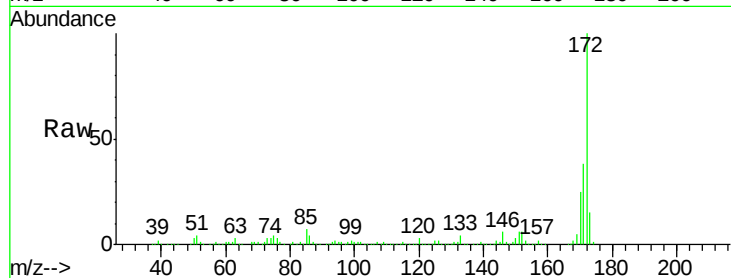
Ion 141.00 (140.70 to 141.70): E





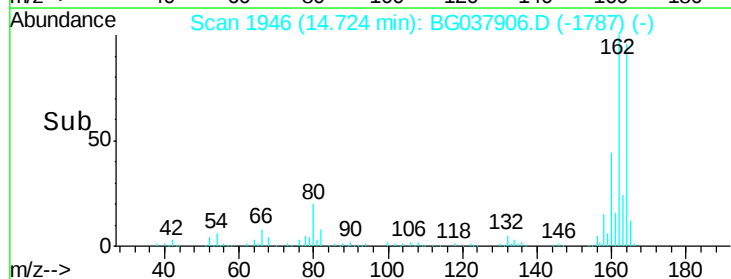
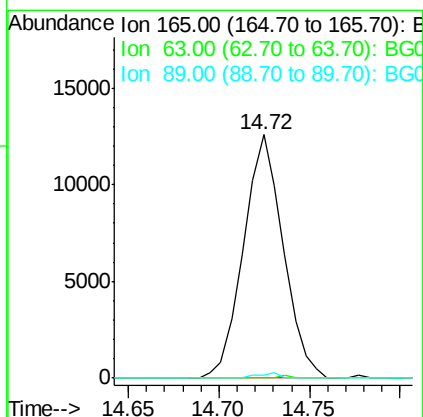
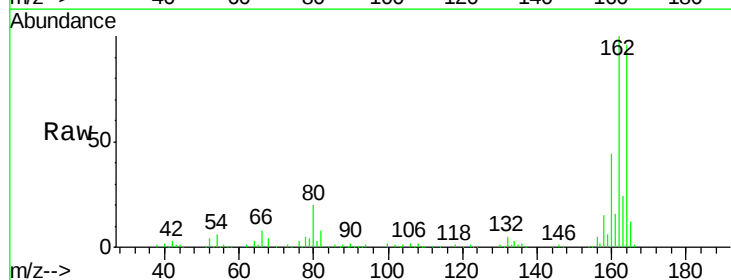
#45
 2-Fluorobiphenyl
 Concen: 81.085 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037906.D
 Acq: 9 Nov 2018 5:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.1	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.376 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.41 min
 Lab File: BG037906.D
 Acq: 9 Nov 2018 5:37

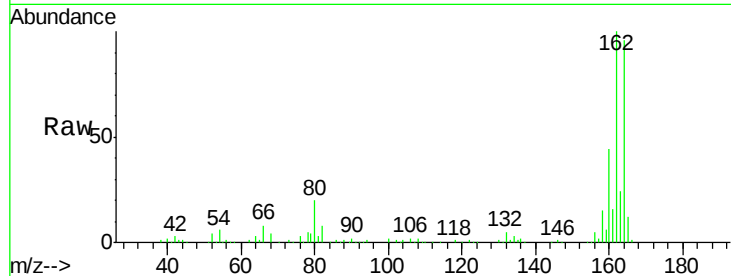
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	1.4	45.8	68.6#





#57
 2,4-Dinitrotoluene
 Concen: 5.619 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037906.D
 Acq: 9 Nov 2018 5:37

Tgt Ion:	165	Resp:	19170
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#

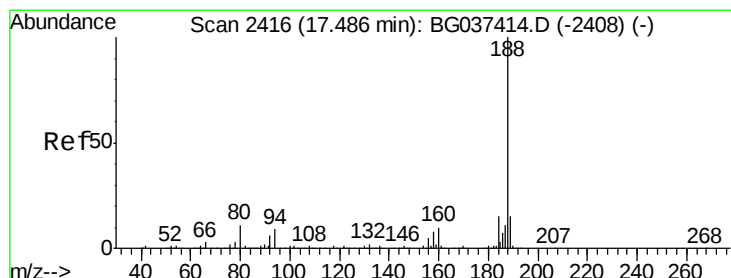
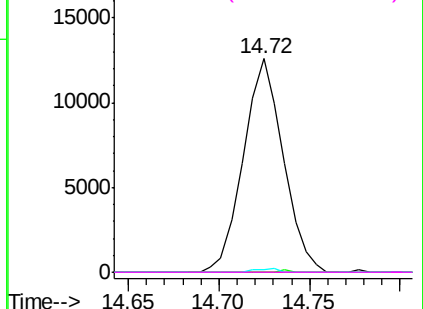
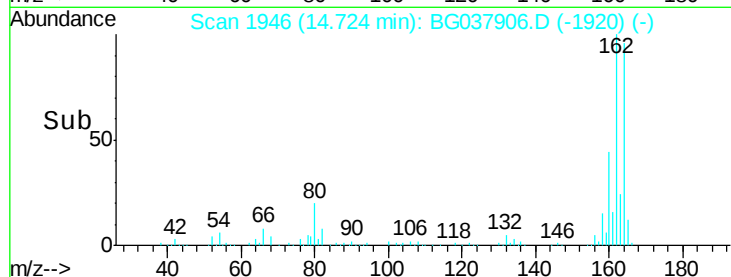


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

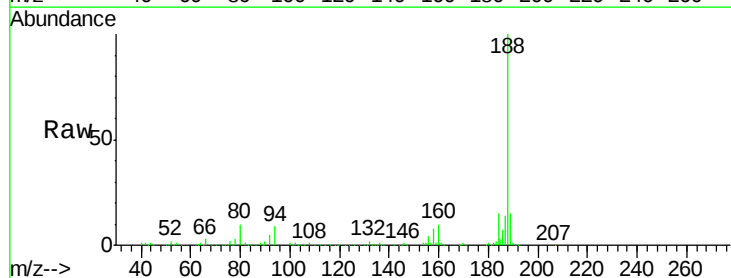
Ion 89.00 (88.70 to 89.70): BGC

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: BG037906.D
 Acq: 9 Nov 2018 5:37

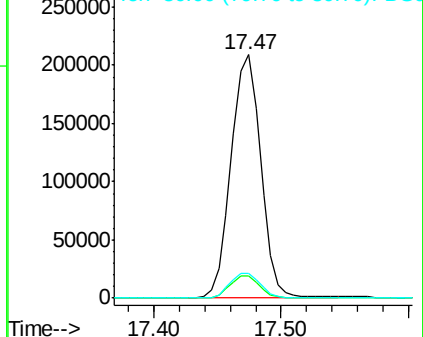
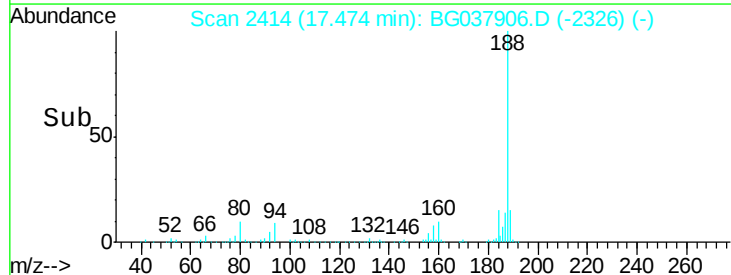
Tgt Ion:	188	Resp:	340380
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.4	7.7	11.5

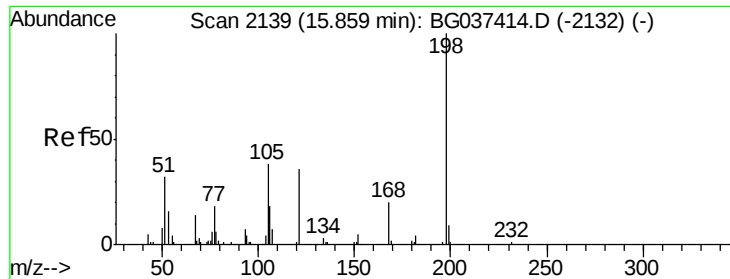


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.766 ng

RT: 16.22 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

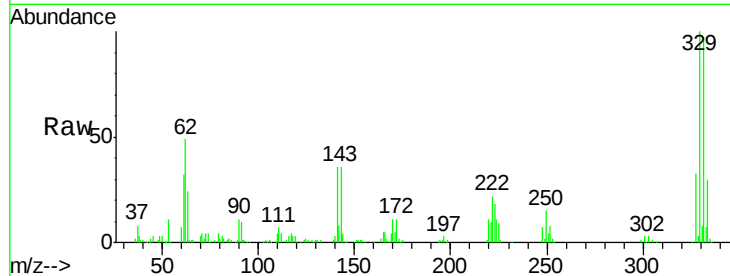
Tgt Ion:198 Resp: 561

Ion Ratio Lower Upper

198 100

51 20.2 22.7 62.7#

105 23.0 19.7 59.7

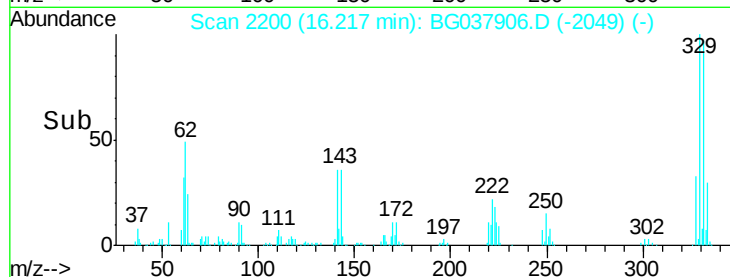


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

Time-->

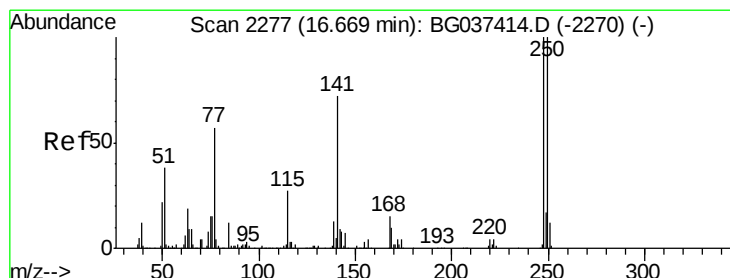


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.149 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.46 min

Lab File: BG037906.D

Acq: 9 Nov 2018 5:37

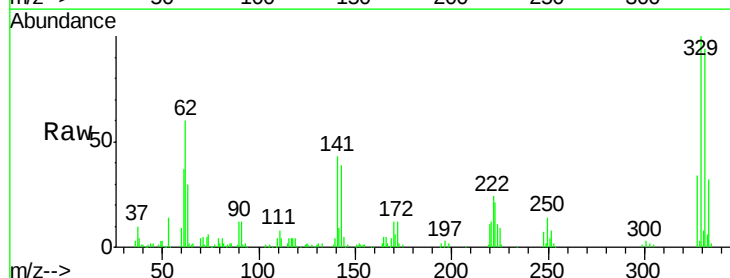
Tgt Ion:248 Resp: 11772

Ion Ratio Lower Upper

248 100

250 199.7 77.0 115.6#

141 459.7 55.5 83.3#

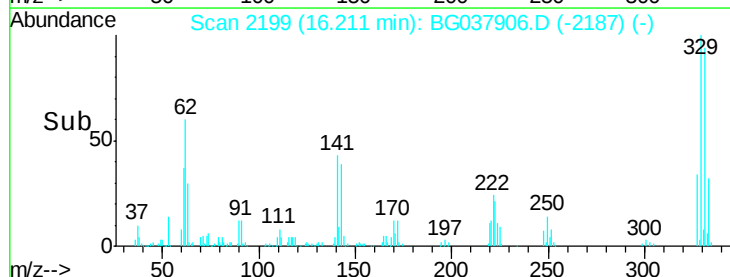


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->

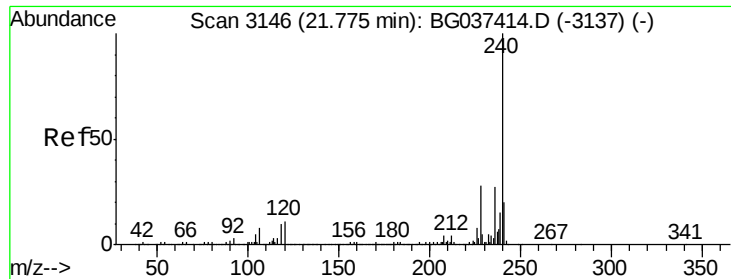


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

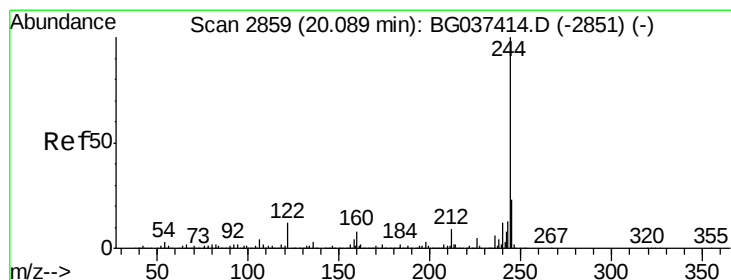
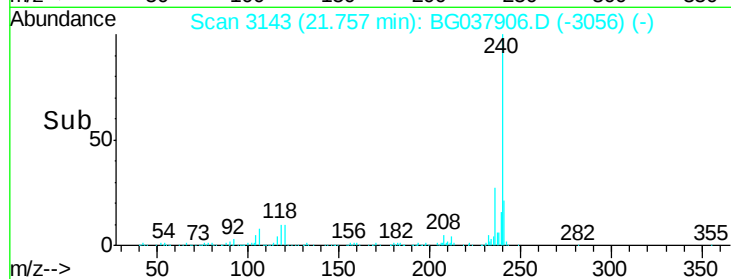
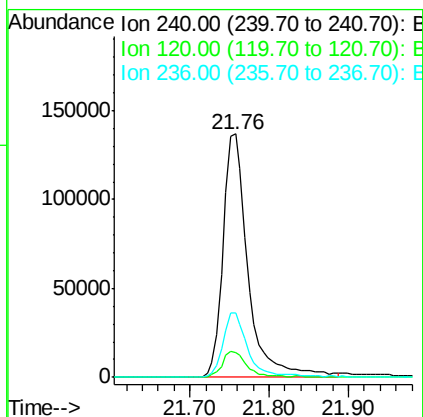
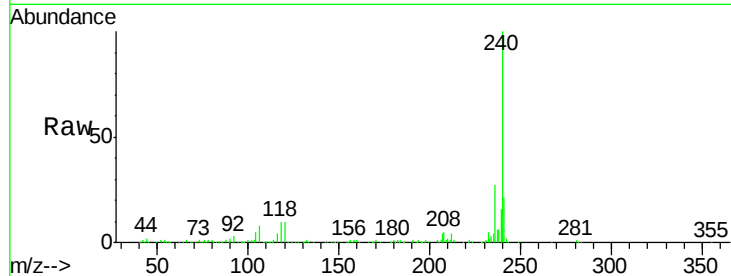
Ion 141.00 (140.70 to 141.70): E

Time-->



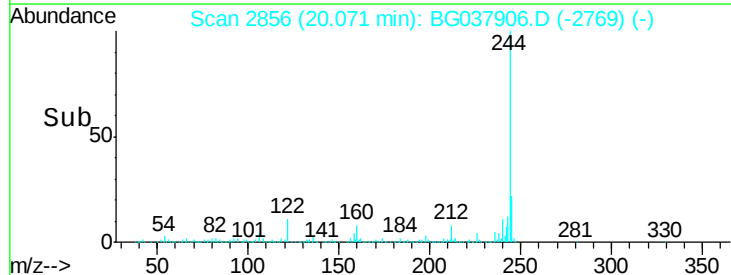
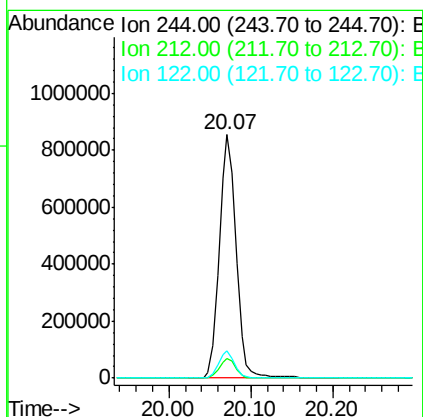
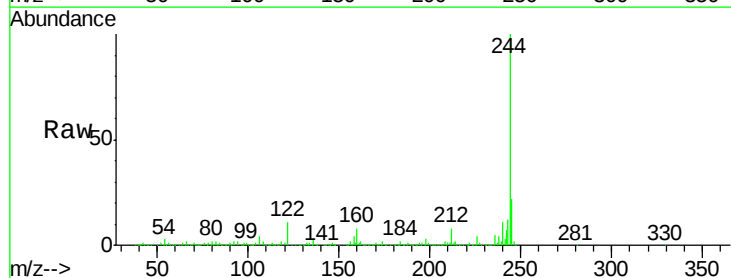
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037906.D
 Acq: 9 Nov 2018 5:37

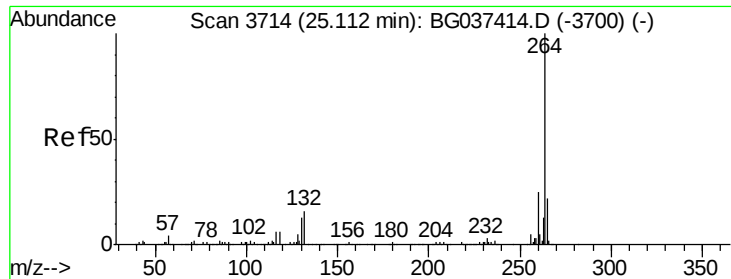
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	26.6	21.4	32.0



#79
 Terphenyl-d14
 Concen: 87.549 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BG037906.D
 Acq: 9 Nov 2018 5:37

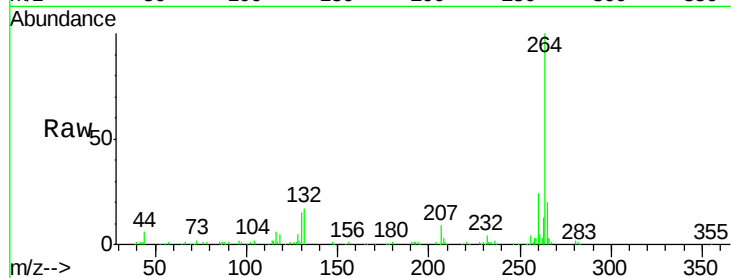
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037906.D
Acq: 9 Nov 2018 5:37

Tgt Ion:	264	Resp:	235875
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	20.1	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

