

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037910.D
 Acq On : 9 Nov 2018 8:12
 Operator : JU/SJ
 Sample : J5858-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

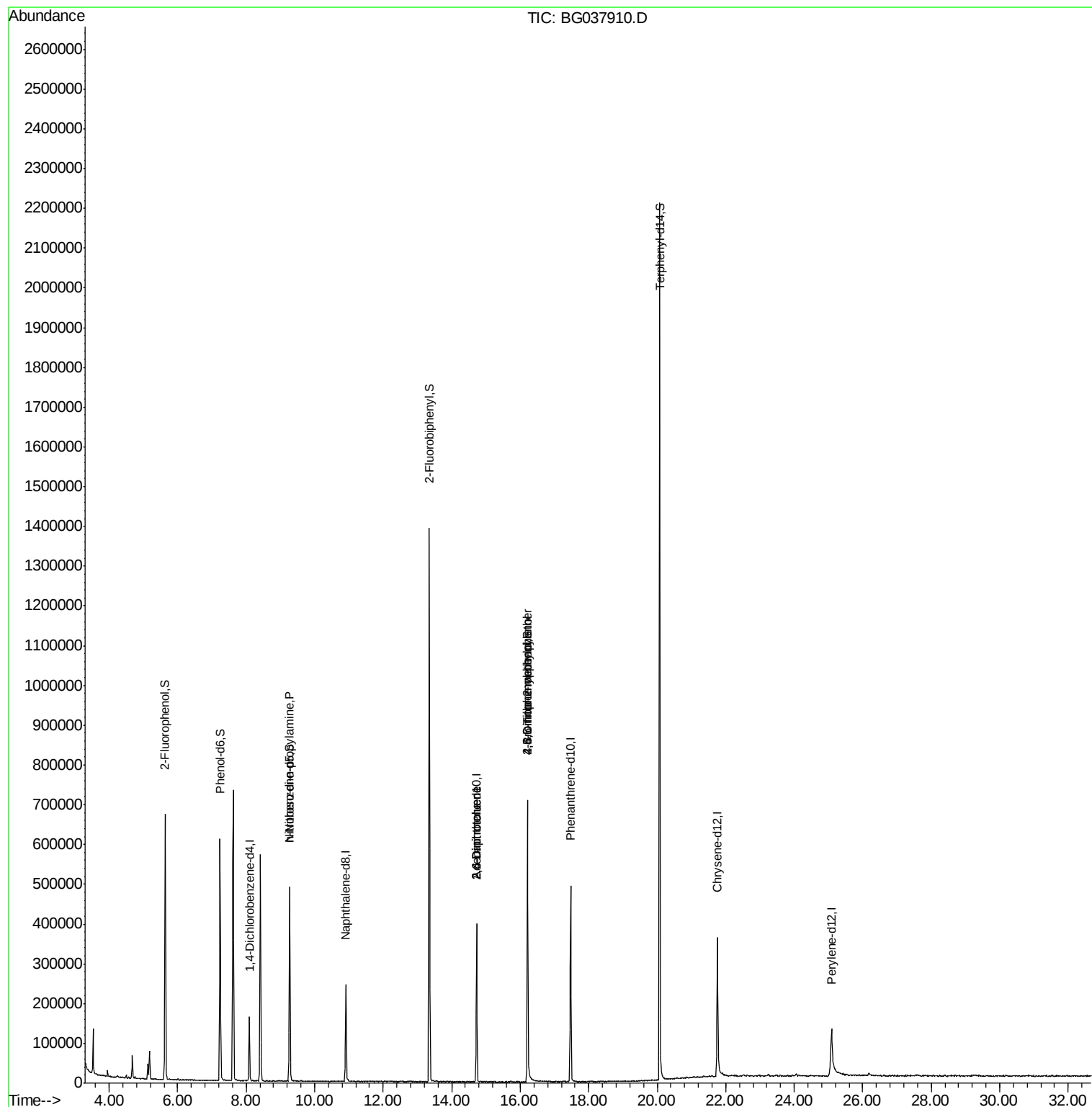
Quant Time: Nov 09 14:45:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47969	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	219210	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	142815	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	316417	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	273857	20.00	ng	-0.02
87) Perylene-d12	25.08	264	216421	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	311271	108.49	ng	-0.01
7) Phenol-d6	7.24	99	400339	92.27	ng	-0.01
23) Nitrobenzene-d5	9.27	82	316993	81.01	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	149112	95.73	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	766588	80.94	ng	-0.02
79) Terphenyl-d14	20.07	244	1136393	88.67	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.27	70	40052	13.406	ng	# 71
51) 2,6-Dinitrotoluene	14.72	165	18464	7.554	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	18464	5.755	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.22	198	340	8.676	ng	# 68
67) 4-Bromophenyl-phenylether	16.21	248	10603	3.051	ng	# 1

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

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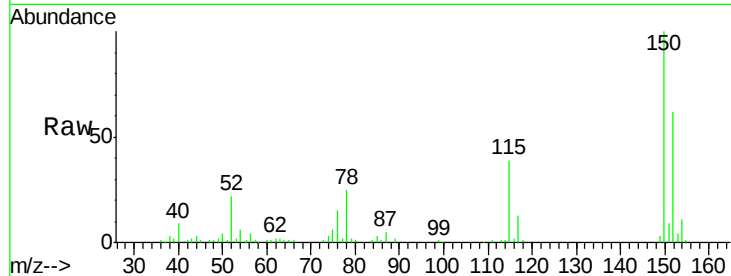
Quant Time: Nov 09 14:45:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
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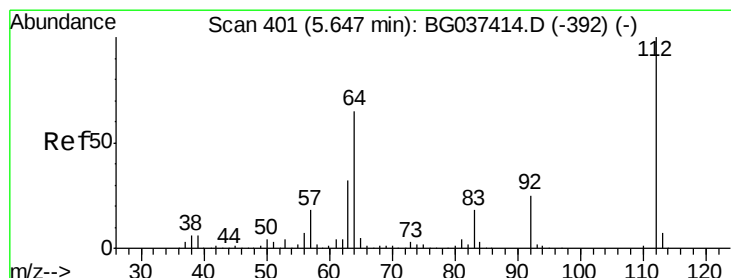
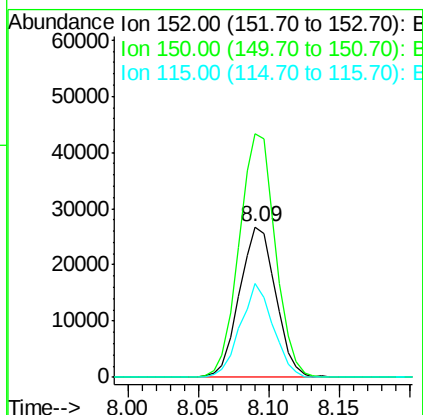
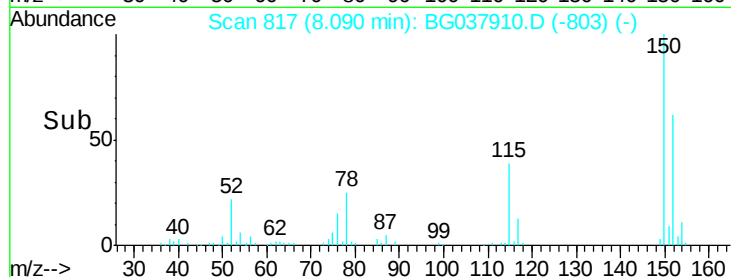


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG037910.D
 Acq: 9 Nov 2018 8:12

Tgt Ion:152 Resp: 47969
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.0 189.0
 115 62.7 45.5 68.3

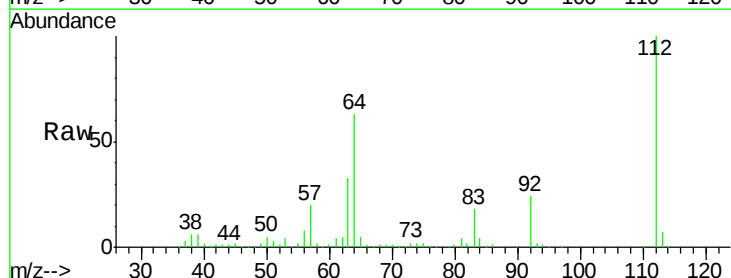


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

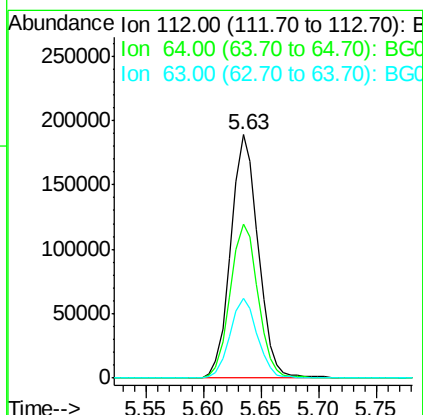
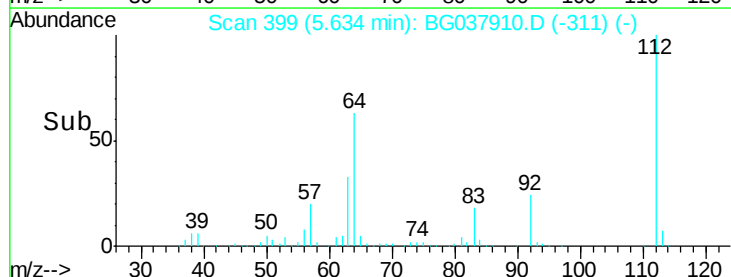


#5
 2-Fluorophenol
 Concen: 108.487 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037910.D
 Acq: 9 Nov 2018 8:12

Tgt Ion:112 Resp: 311271
 Ion Ratio Lower Upper
 112 100
 64 63.4 53.1 79.7
 63 32.6 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: 92.274 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037910.D

Acq: 9 Nov 2018 8:12

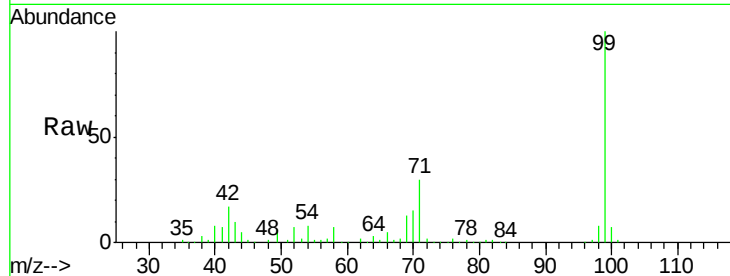
Tgt Ion: 99 Resp: 400339

Ion Ratio Lower Upper

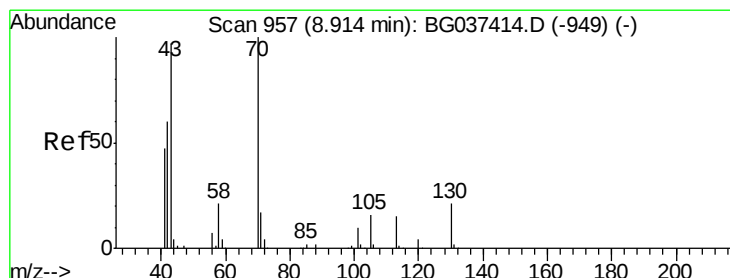
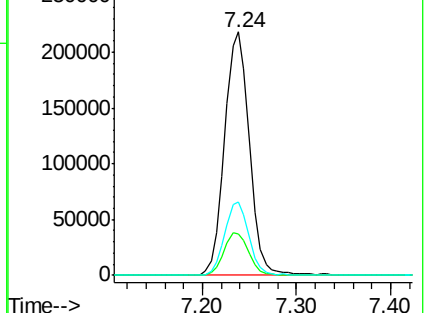
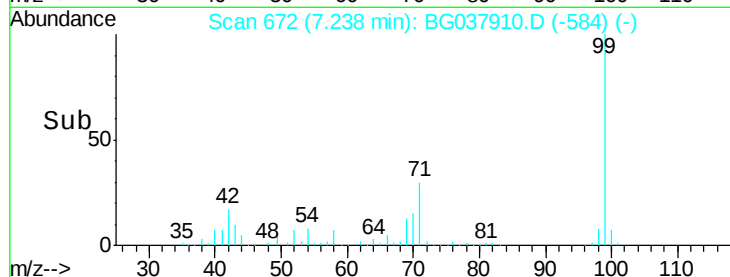
99 100

42 16.8 15.0 22.4

71 30.1 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: 13.406 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037910.D

Acq: 9 Nov 2018 8:12

Tgt Ion: 70 Resp: 40052

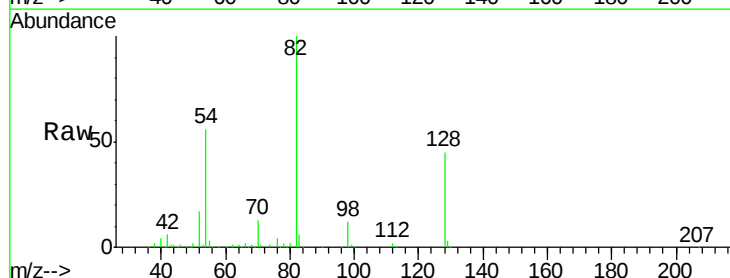
Ion Ratio Lower Upper

70 100

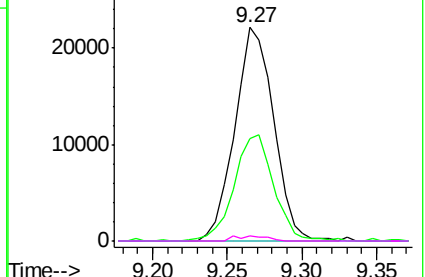
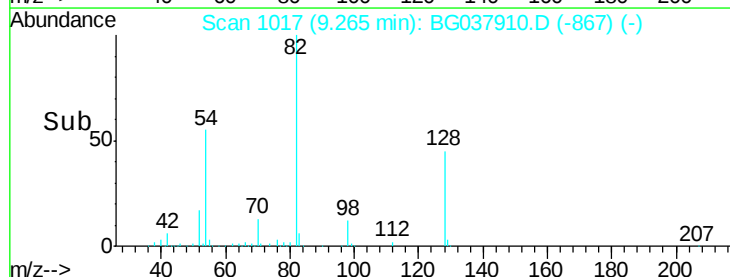
42 47.8 53.9 80.9#

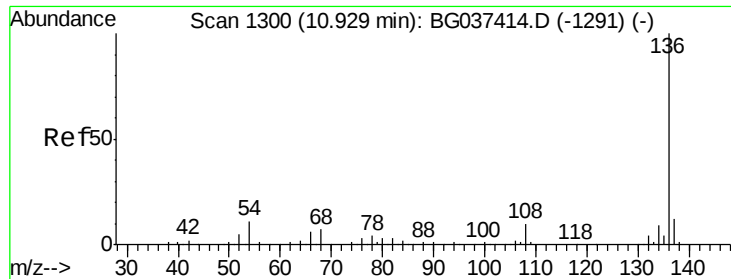
101 0.0 8.2 12.2#

130 2.5 18.2 27.4#



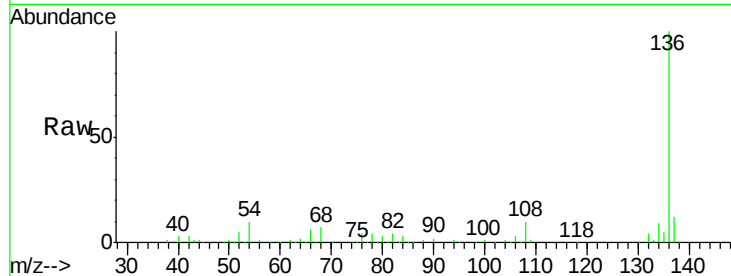
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



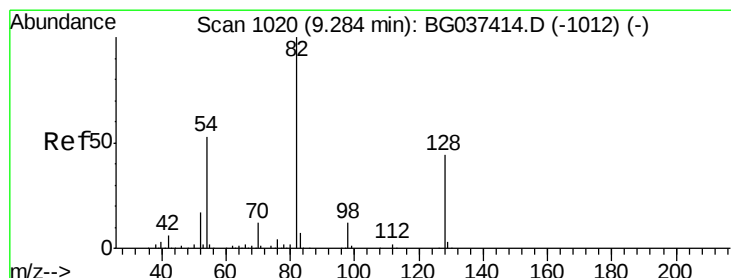
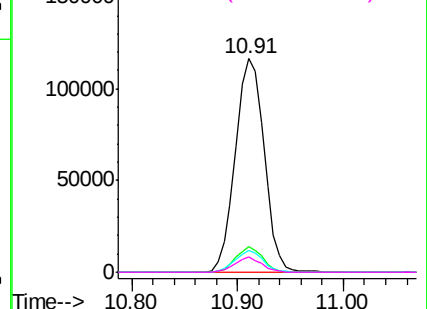
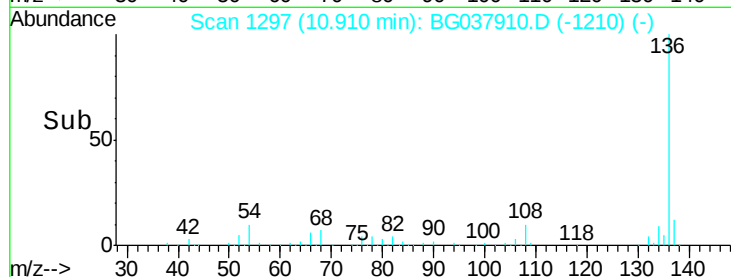


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:	136	Resp:	219210
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.6	14.4
54	10.0	7.9	11.9
68	7.1	4.8	7.2

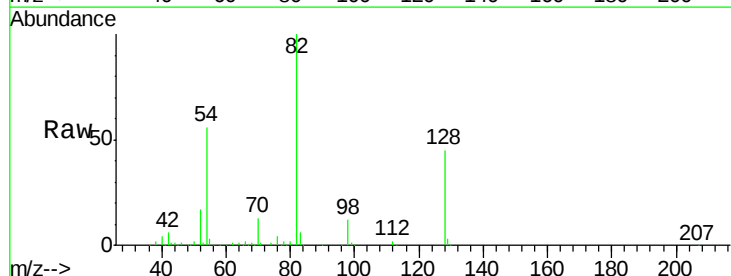


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

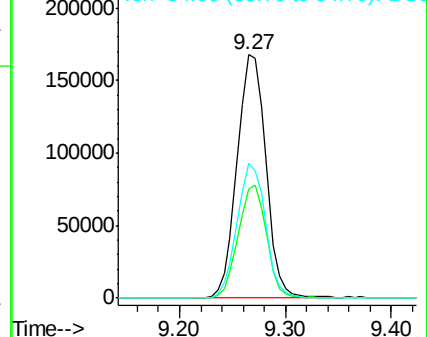
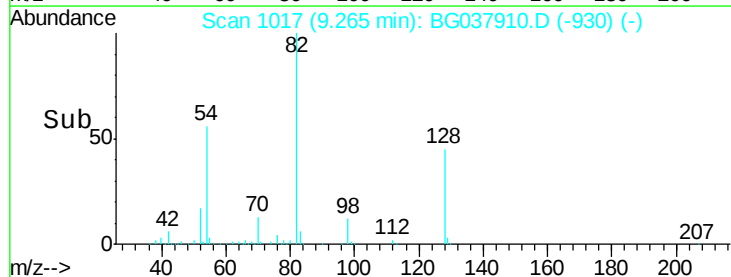


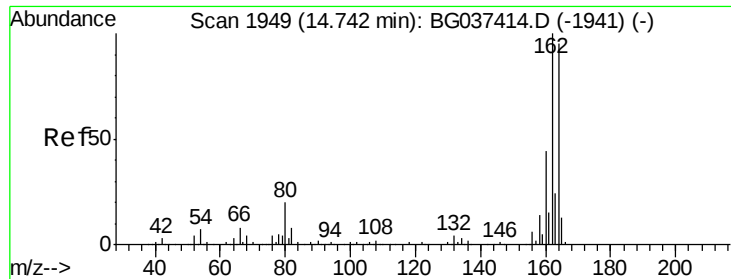
#23
Nitrobenzene-d5
Concen: 81.007 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:	82	Resp:	316993
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	55.5	45.3	67.9



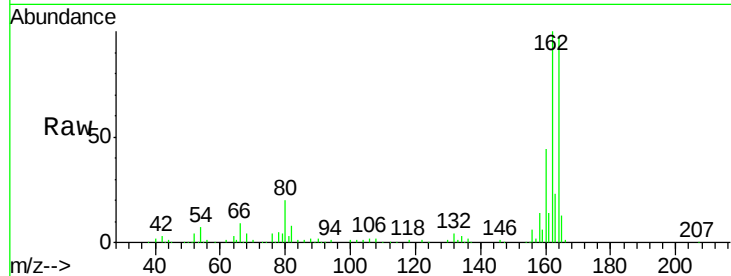
Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B



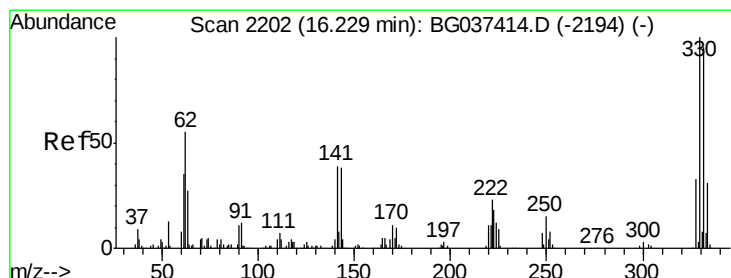
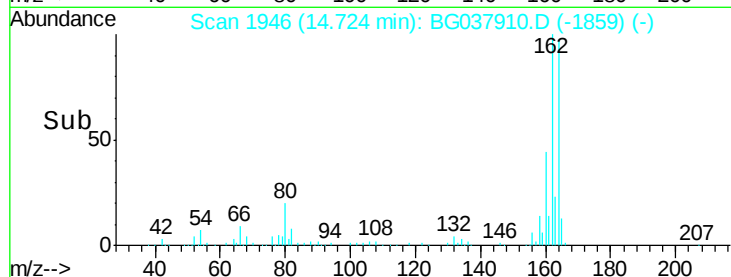
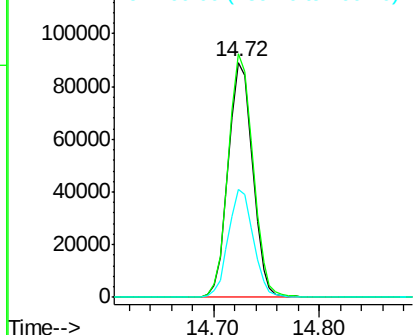


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:164 Resp: 142815
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 45.9 36.3 54.5

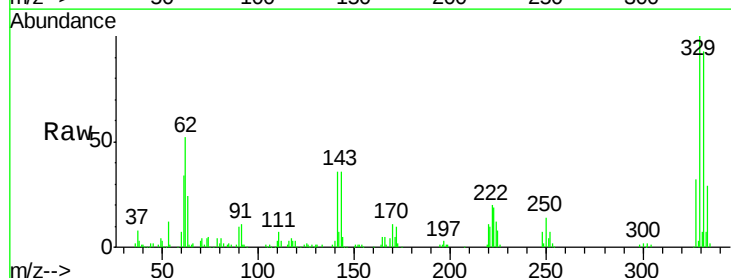


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

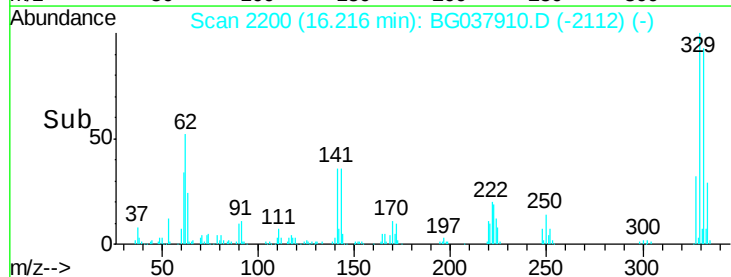
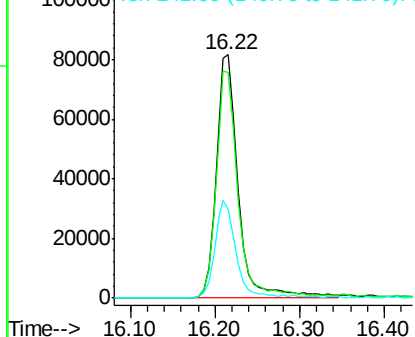


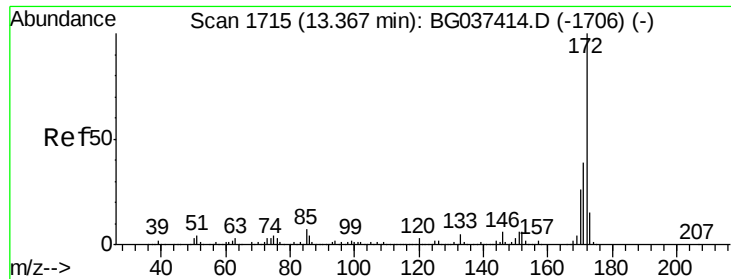
#42
2,4,6-Tribromophenol
Concen: 95.728 ng
RT: 16.22 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:330 Resp: 149112
Ion Ratio Lower Upper
330 100
332 92.9 78.4 117.6
141 38.7 32.2 48.2



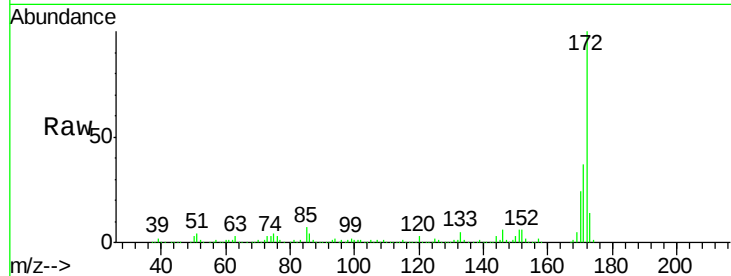
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



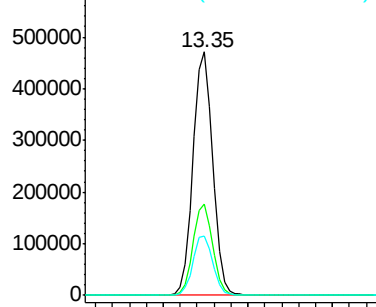


#45
 2-Fluorobiphenyl
 Concen: 80.942 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037910.D
 Acq: 9 Nov 2018 8:12

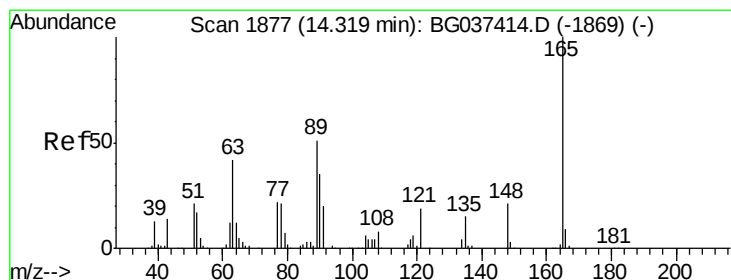
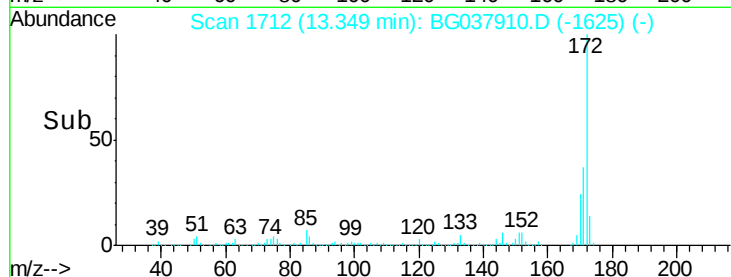
Tgt Ion:	172	Resp:	766588
Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.0	46.4
170	24.5	20.2	30.2



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

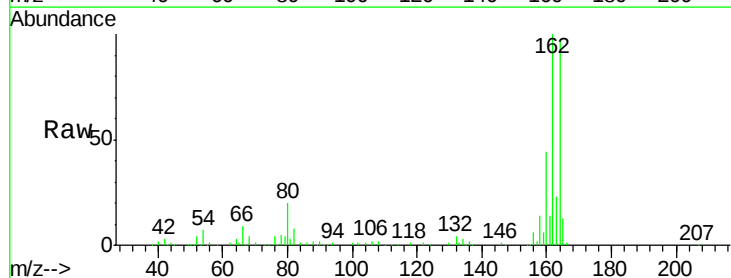


Time-->

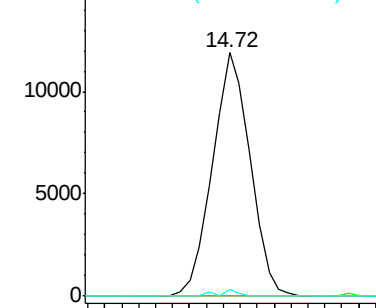


#51
 2,6-Dinitrotoluene
 Concen: 7.554 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037910.D
 Acq: 9 Nov 2018 8:12

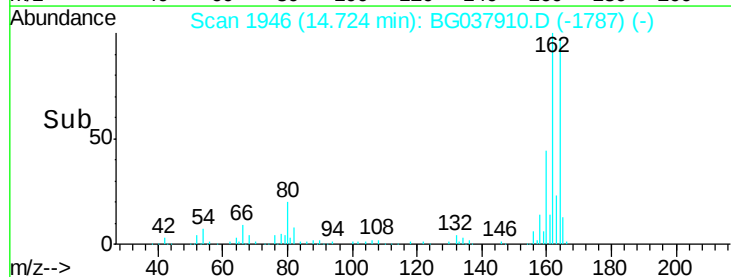
Tgt Ion:	165	Resp:	18464
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.9	45.8	68.6#

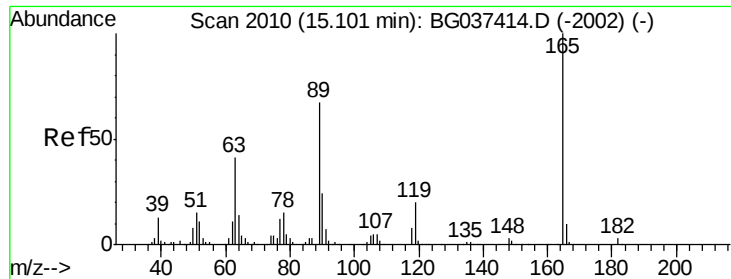


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0



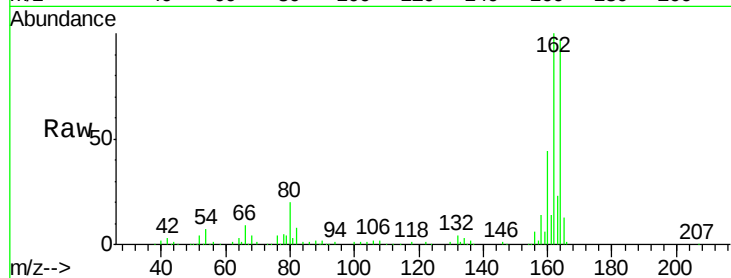
Time-->





#57
 2,4-Dinitrotoluene
 Concen: 5.755 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037910.D
 Acq: 9 Nov 2018 8:12

Tgt Ion:	165	Resp:	18464
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.9	57.2	85.8#
182	0.0	2.6	4.0#

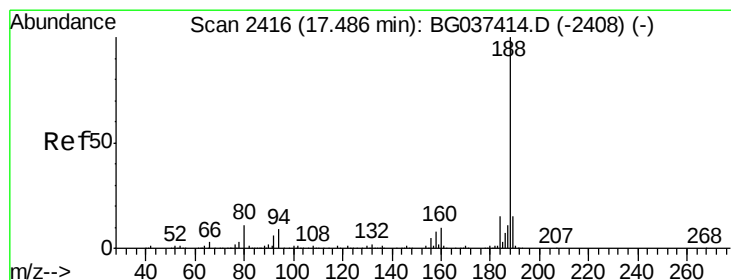
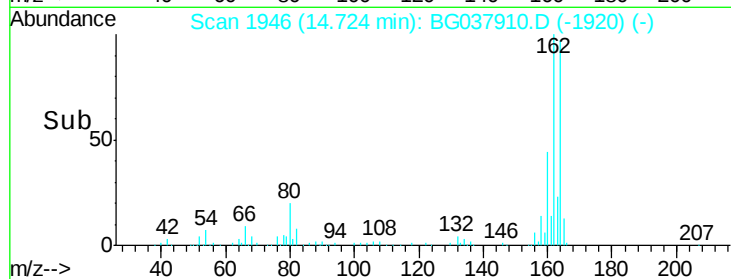
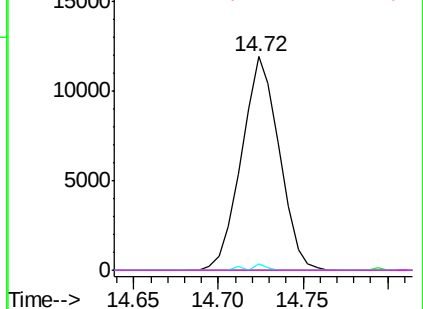


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

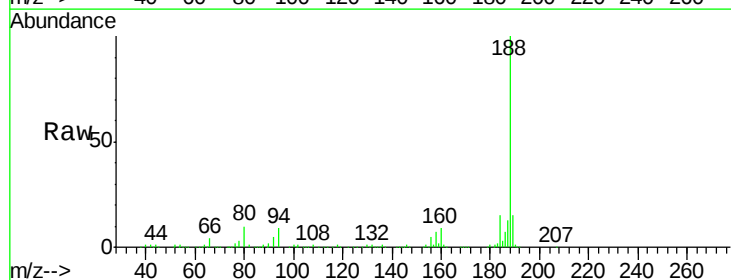
Ion 89.00 (88.70 to 89.70): BGC

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: BG037910.D
 Acq: 9 Nov 2018 8:12

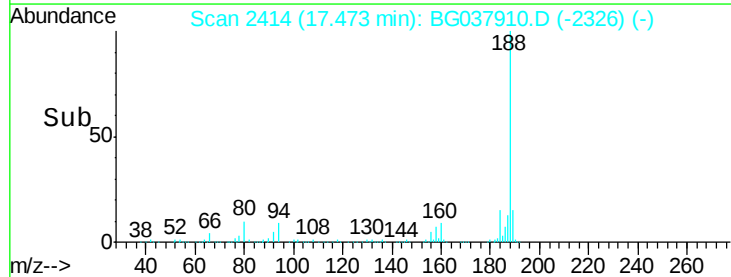
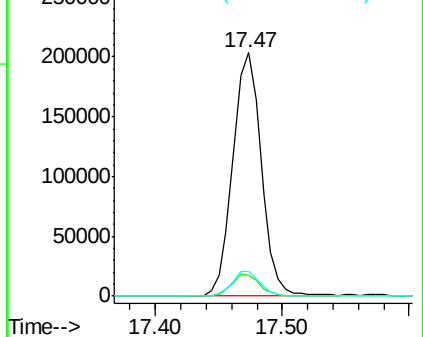
Tgt Ion:	188	Resp:	316417
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.0	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

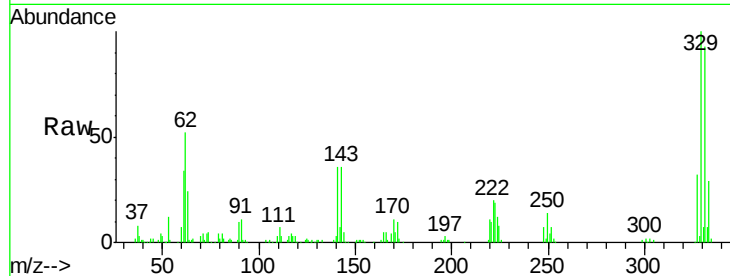
Ion 80.00 (79.70 to 80.70): BGC



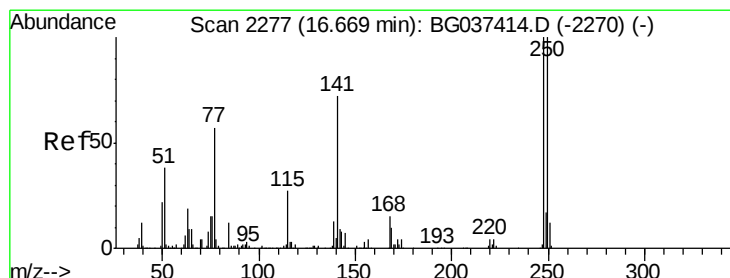
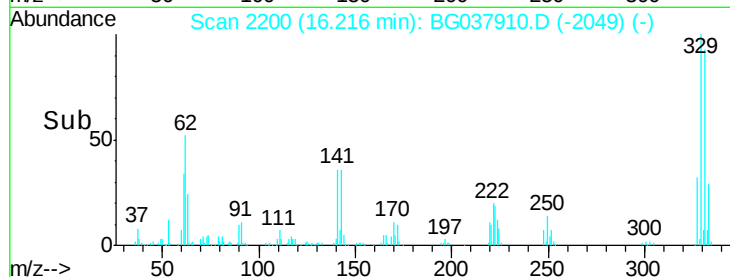
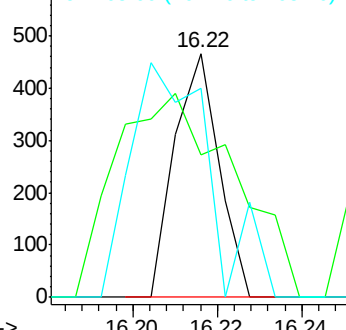


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.676 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037910.D
 Acq: 9 Nov 2018 8:12

Tgt Ion:198 Resp: 340
 Ion Ratio Lower Upper
 198 100
 51 17.3 22.7 62.7#
 105 25.3 19.7 59.7

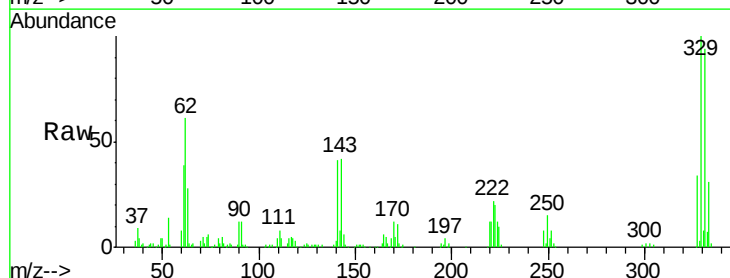


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

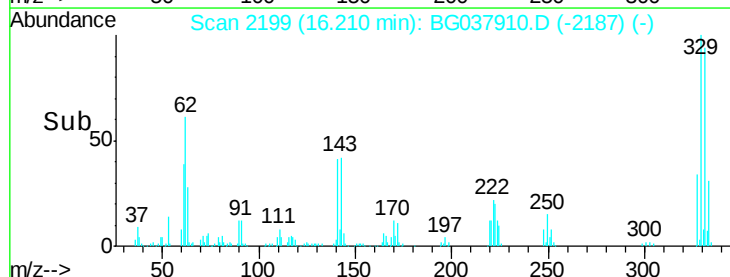
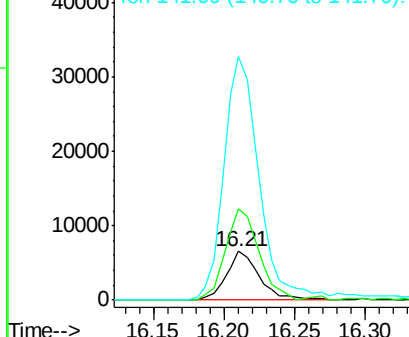


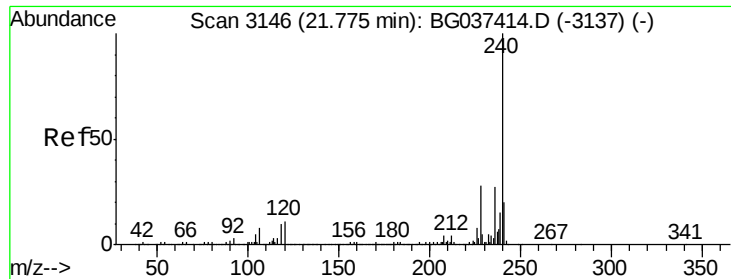
#67
 4-Bromophenyl-phenylether
 Concen: 3.051 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037910.D
 Acq: 9 Nov 2018 8:12

Tgt Ion:248 Resp: 10603
 Ion Ratio Lower Upper
 248 100
 250 184.0 77.0 115.6#
 141 387.5 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

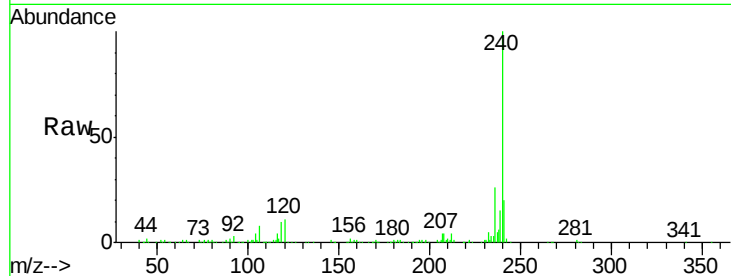
RT: 21.76 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG037910.D

Acq: 9 Nov 2018 8:12

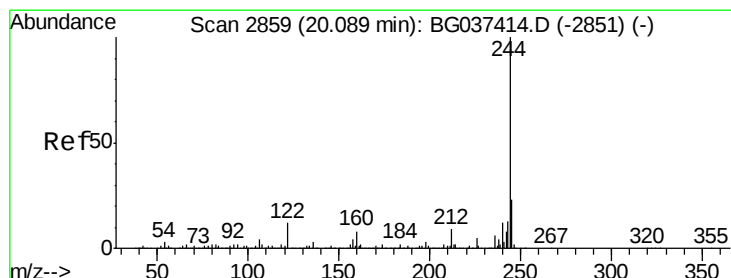
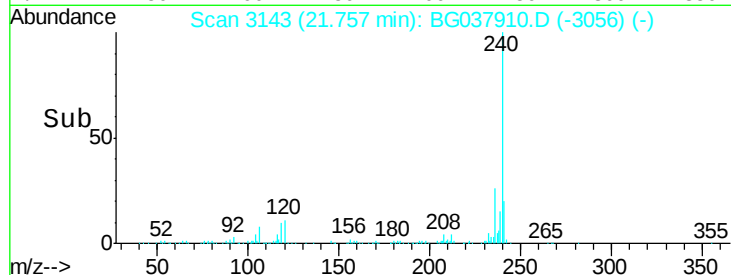
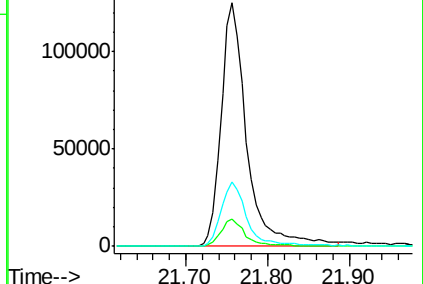
Tgt Ion:	240	Resp:	273857
Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.1	12.1
236	26.4	21.4	32.0



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: 88.667 ng

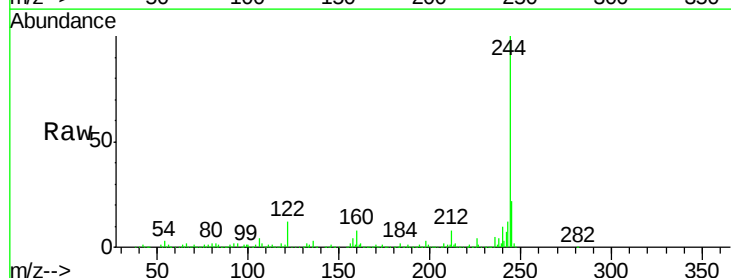
RT: 20.07 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG037910.D

Acq: 9 Nov 2018 8:12

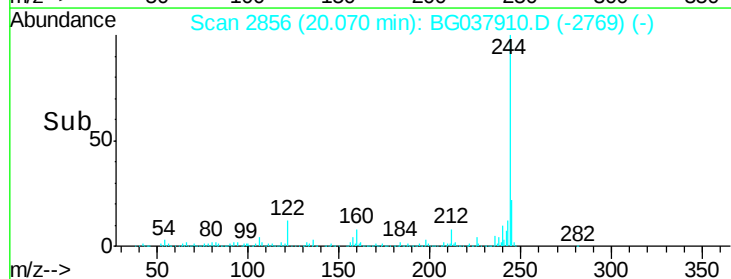
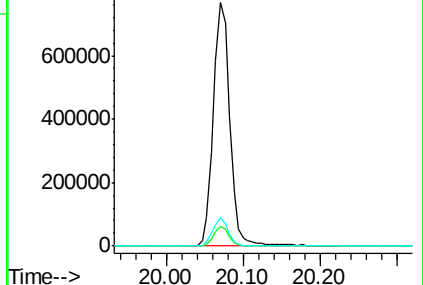
Tgt Ion:	244	Resp:	1136393
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.5	9.0	13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

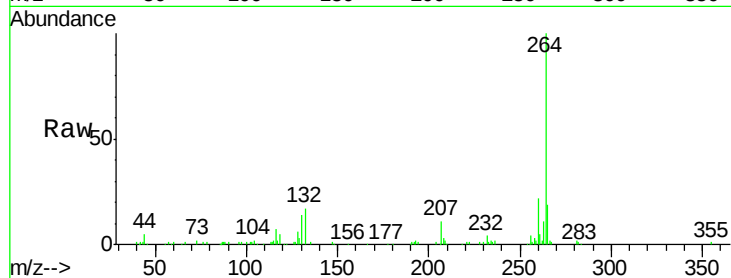
Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037910.D
Acq: 9 Nov 2018 8:12

Tgt Ion:	264	Resp:	216421
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	19.4	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

