

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038018.D
 Acq On : 15 Nov 2018 14:25
 Operator : JU/SJ
 Sample : J5950-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

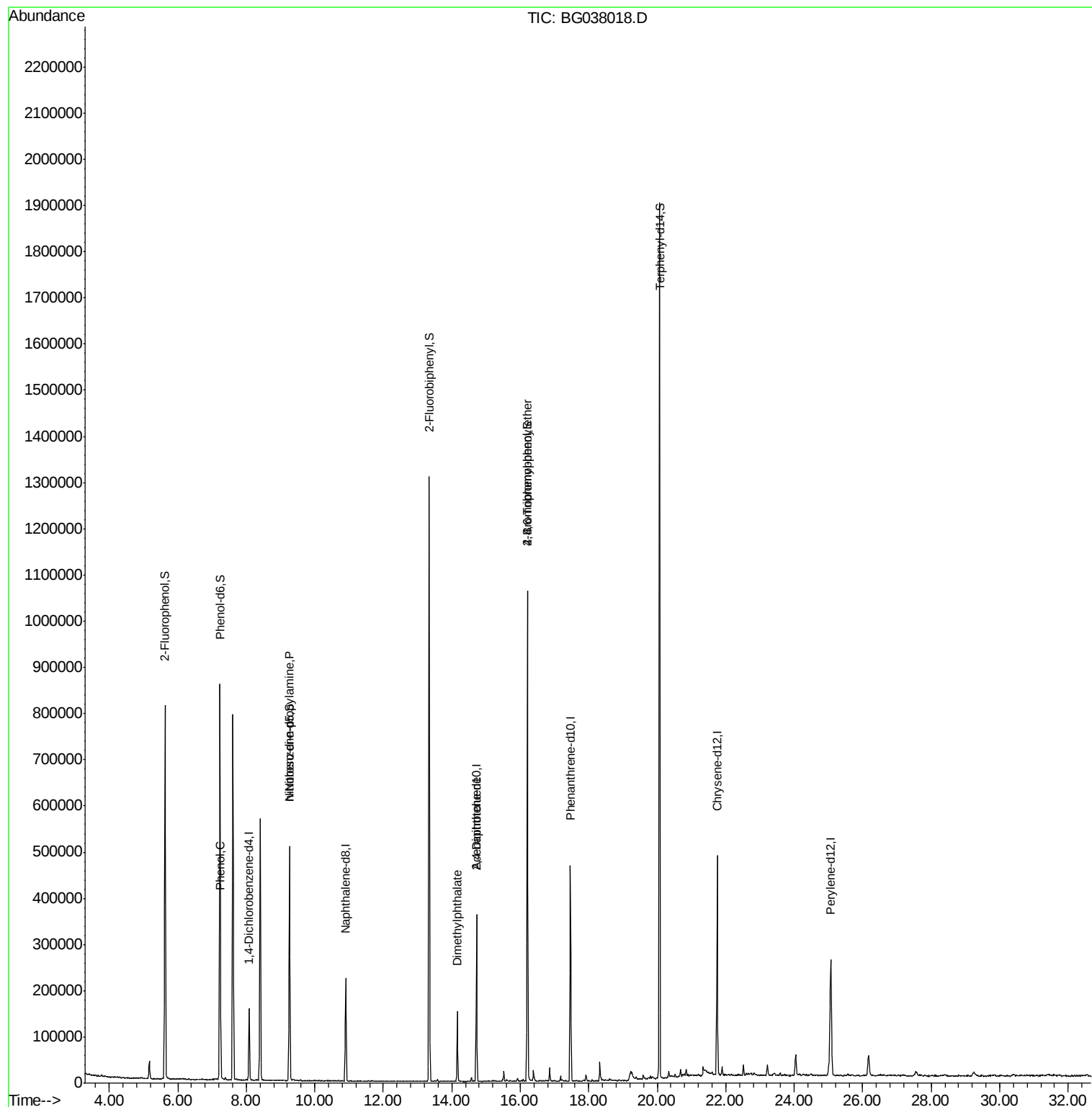
Quant Time: Nov 15 15:01:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44358	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	193608	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	128197	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	297552	20.00	ng	0.00
76) Chrysene-d12	21.75	240	277300	20.00	ng	0.00
87) Perylene-d12	25.07	264	284369	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	362826	141.22	ng	0.00
7) Phenol-d6	7.23	99	527654	143.88	ng	0.00
23) Nitrobenzene-d5	9.26	82	313235	86.61	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	189593	129.68	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	688798	78.28	ng	0.00
79) Terphenyl-d14	20.07	244	965727	81.95	ng	0.00
Target Compounds						
10) Phenol	7.25	94	8607	2.216	ng	# 57
19) n-Nitroso-di-n-propylamine	9.26	70	40337	15.201	ng	# 74
50) Dimethylphthalate	14.16	163	107441	10.572	ng	99
57) 2,4-Dinitrotoluene	14.72	165	16557	5.290	ng	# 24
67) 4-Bromophenyl-phenylether	16.21	248	14049	4.302	ng	# 1

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

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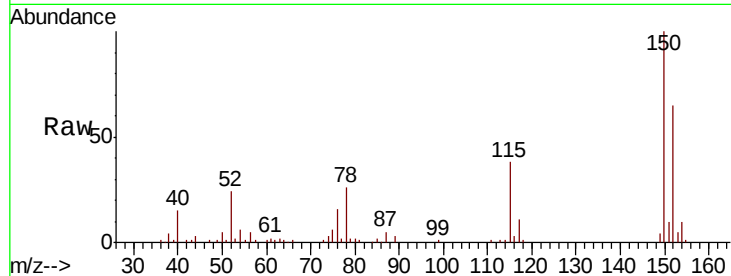
Quant Time: Nov 15 15:01:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
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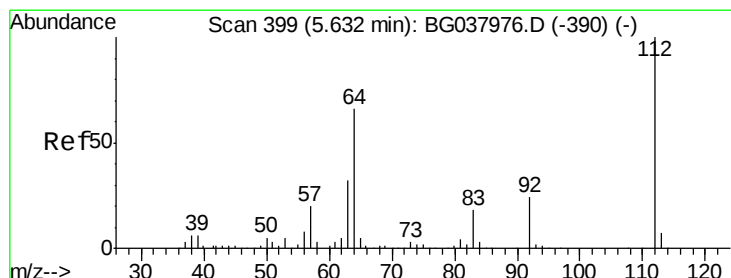
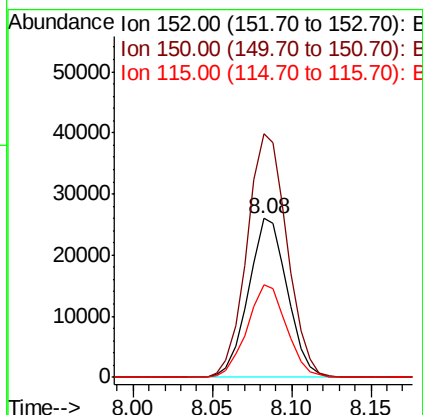
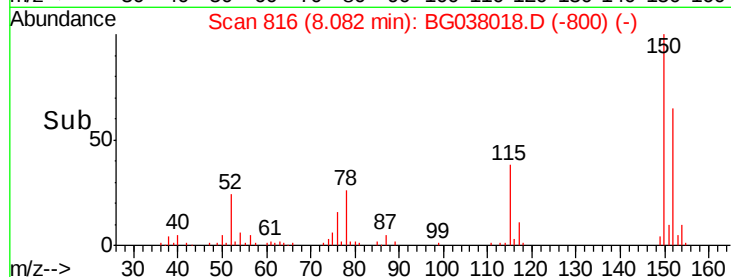


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tot Ion:152 Resp: 44358
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.0 189.0
 115 58.7 45.5 68.3

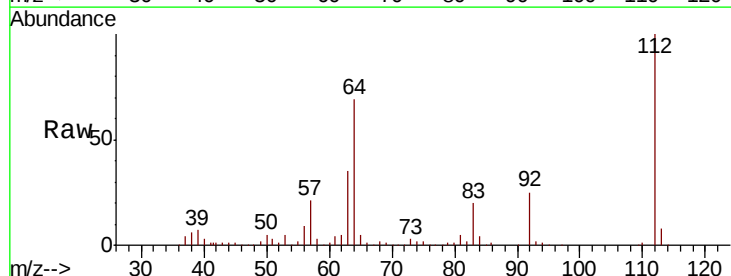


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

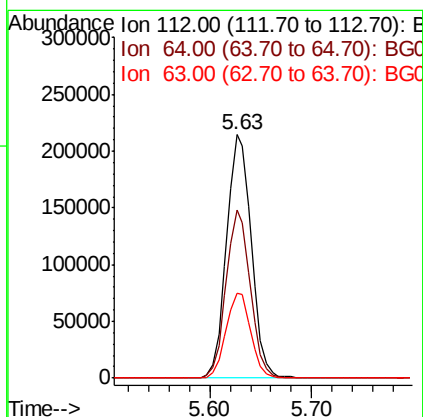
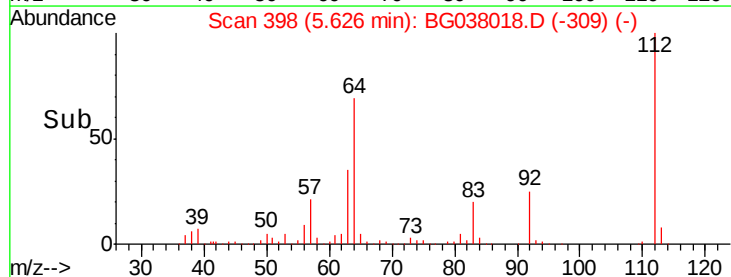


#5
 2-Fluorophenol
 Concen: 141.224 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tgt Ion:112 Resp: 362826
 Ion Ratio Lower Upper
 112 100
 64 69.1 53.1 79.7
 63 35.1 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: 143.881 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

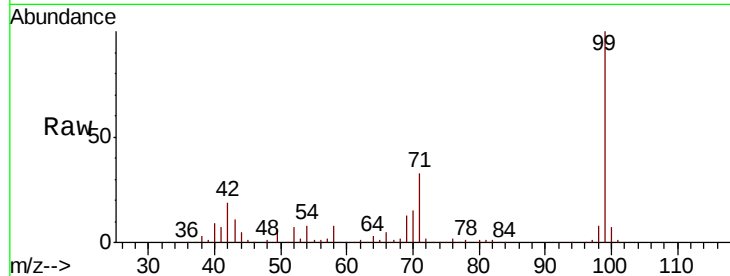
Tot Ion: 99 Resp: 527654

Ion Ratio Lower Upper

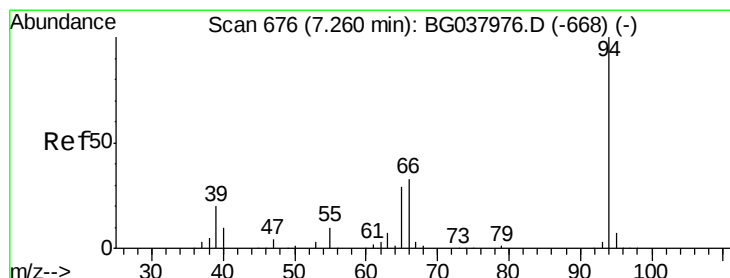
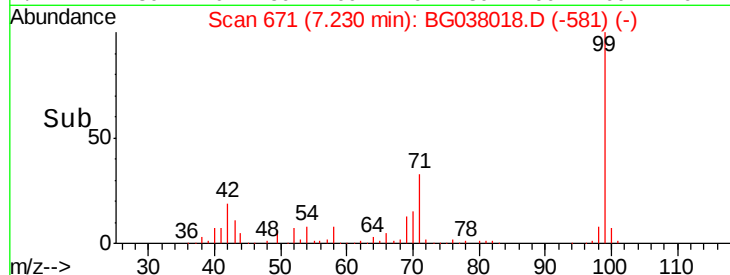
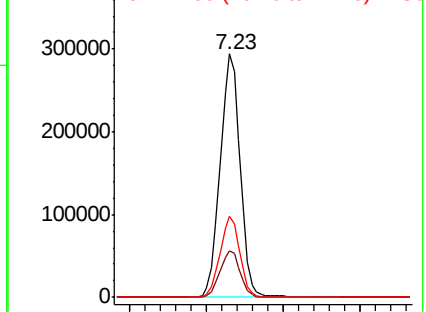
99 100

42 19.1 15.0 22.4

71 33.5 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



#10

Phenol

Concen: 2.216 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

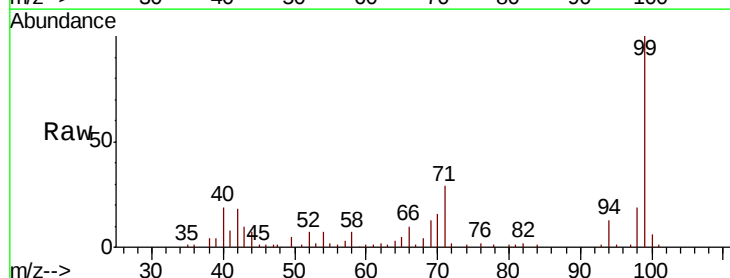
Tgt Ion: 94 Resp: 8607

Ion Ratio Lower Upper

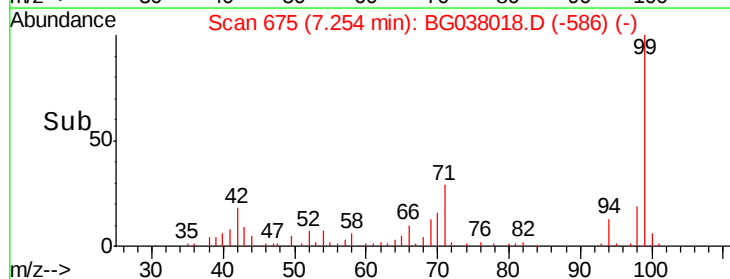
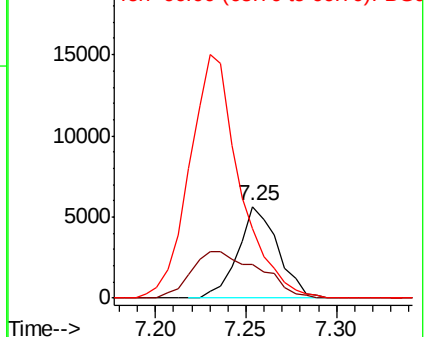
94 100

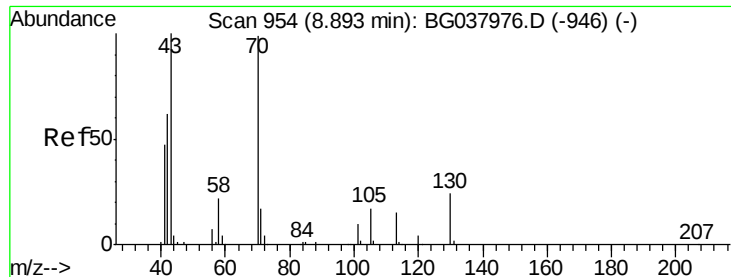
65 36.8 9.7 49.7

66 75.5 15.9 55.9#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 15.201 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

Tot Ion: 70 Resp: 40337

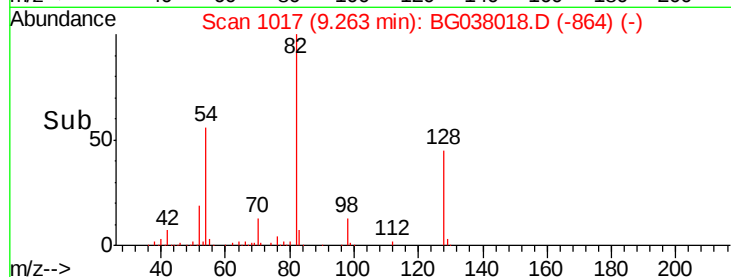
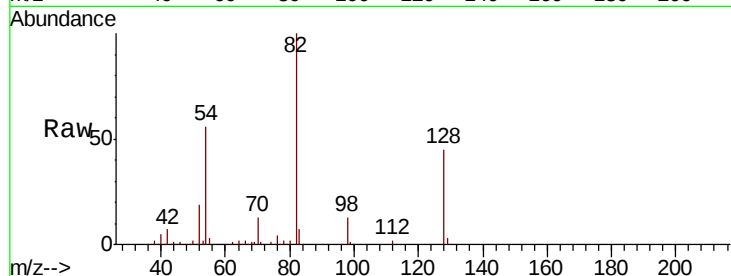
Ion Ratio Lower Upper

70 100

42 50.8 53.9 80.9#

101 0.0 8.2 12.2#

130 2.8 18.2 27.4#

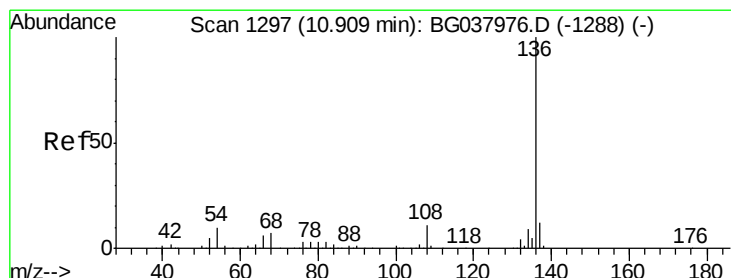
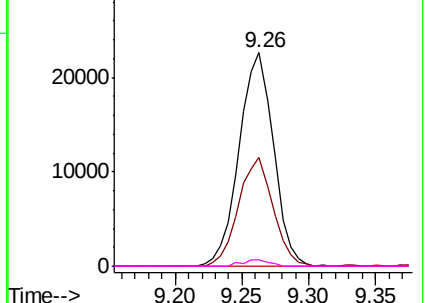


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

Tgt Ion: 136 Resp: 193608

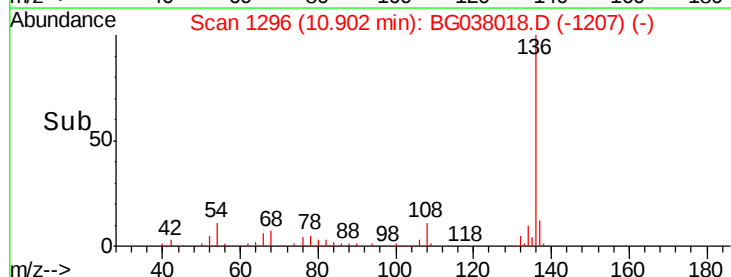
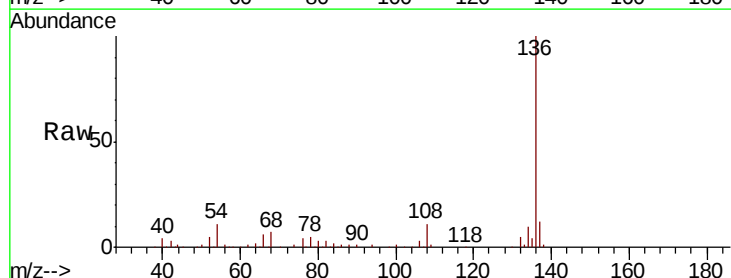
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 10.7 7.9 11.9

68 7.1 4.8 7.2

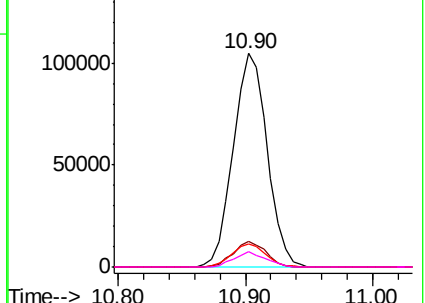


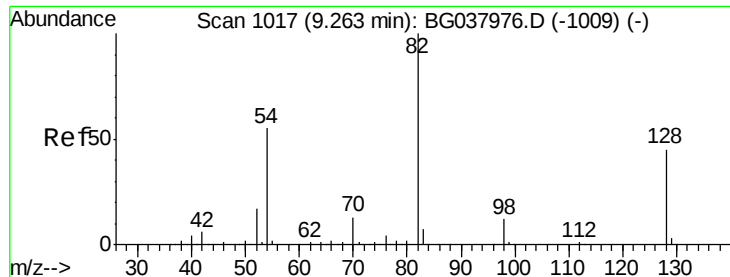
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 86.606 ng

RT: 9.26 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

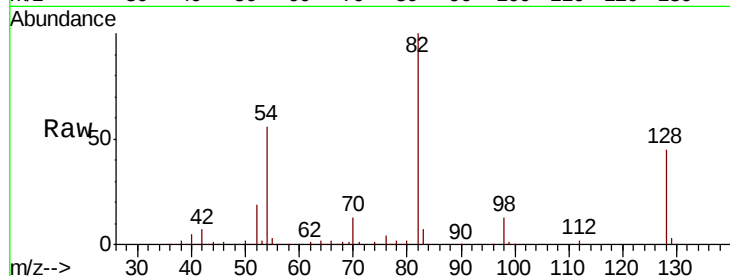
Tot Ion: 82 Resp: 313235

Ion Ratio Lower Upper

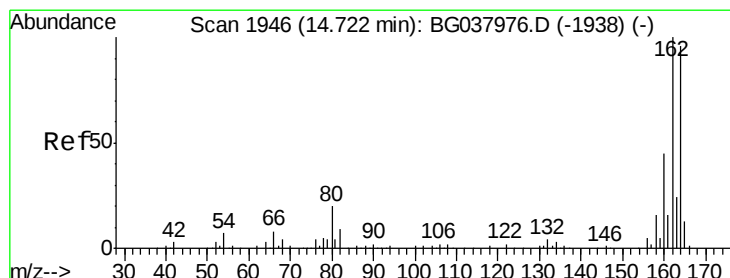
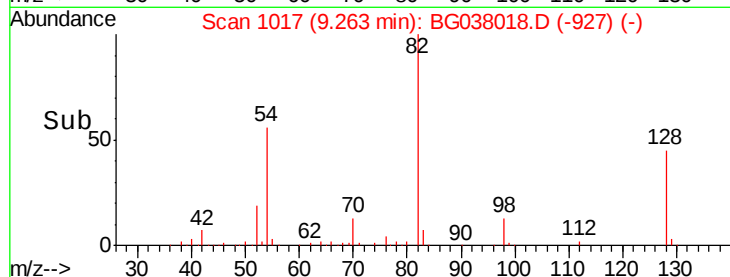
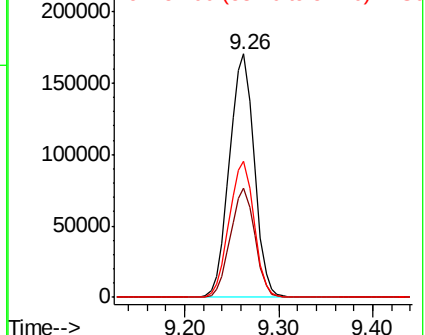
82 100

128 45.0 34.6 51.8

54 56.1 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. -0.00 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

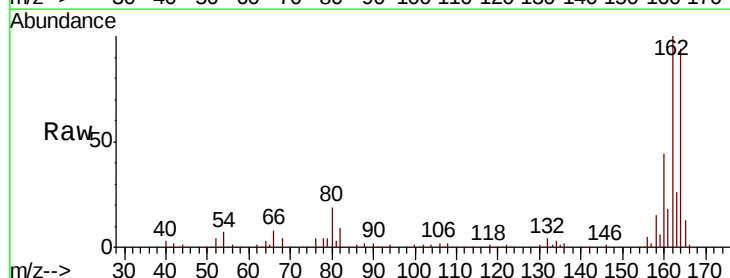
Tgt Ion: 164 Resp: 128197

Ion Ratio Lower Upper

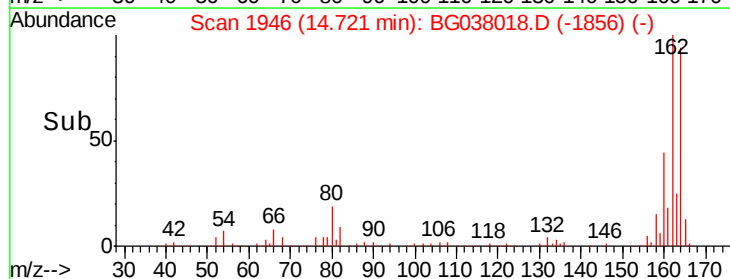
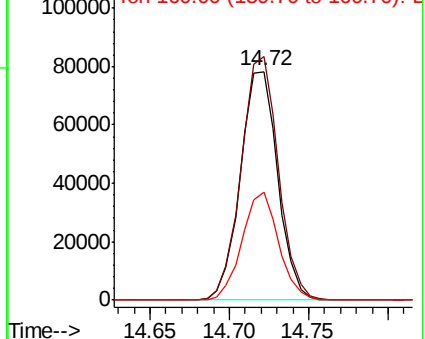
164 100

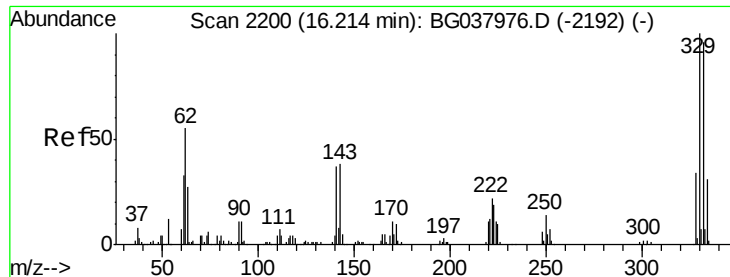
162 106.4 81.3 121.9

160 47.2 36.3 54.5



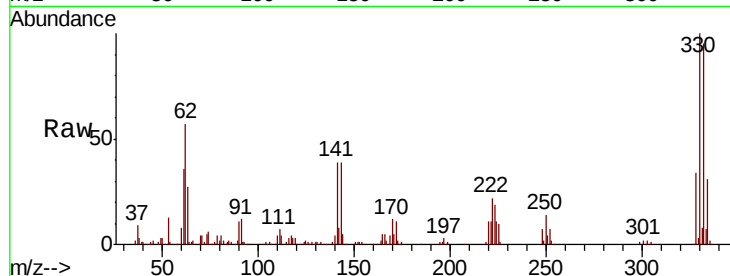
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42
 2,4,6-Tribromophenol
 Concen: 129.676 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.4	117.6
141	40.2	32.2	48.2

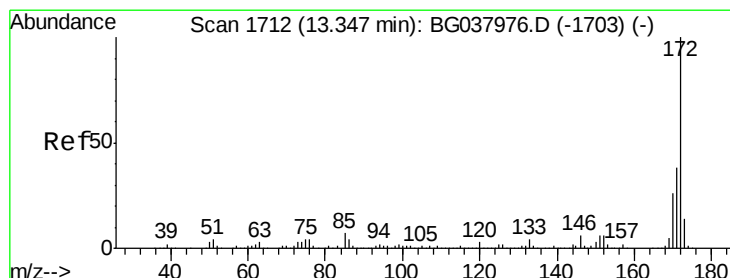
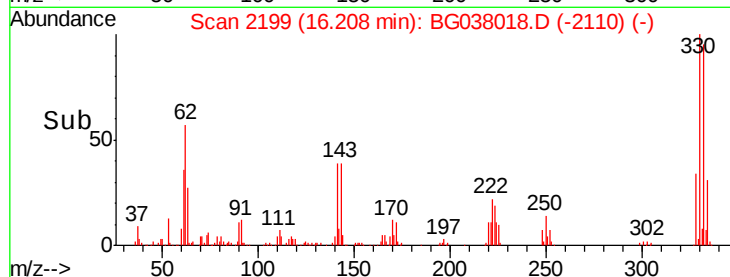
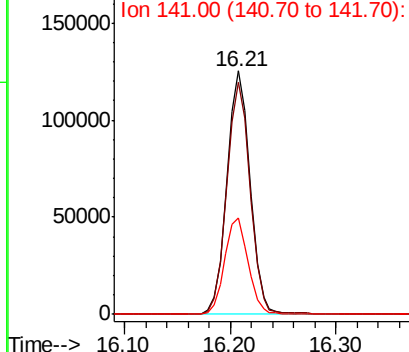


Abundance

Ion 329.80 (329.50 to 330.50): E

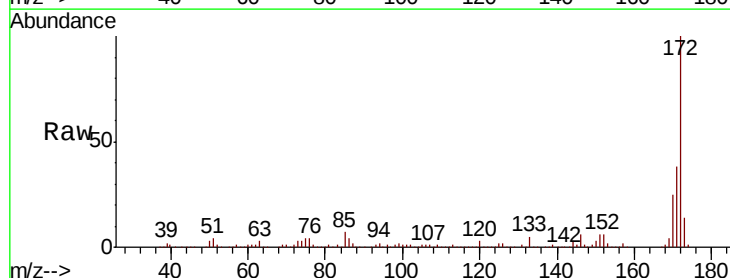
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.276 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	24.6	20.2	30.2

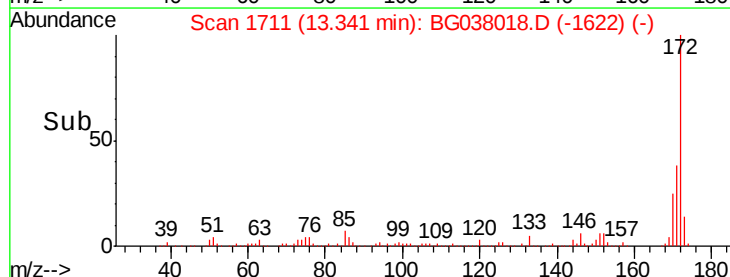
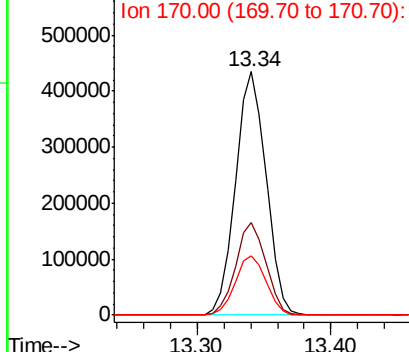


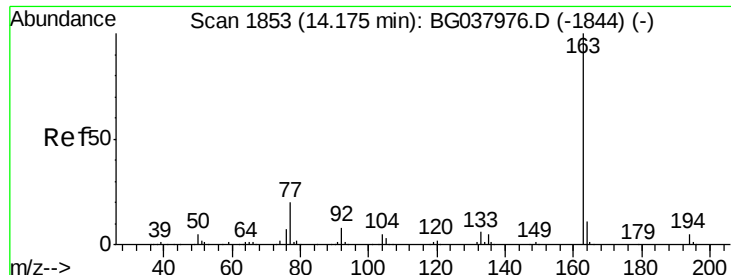
Abundance

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





#50

Dimethylphthalate

Concen: 10.572 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

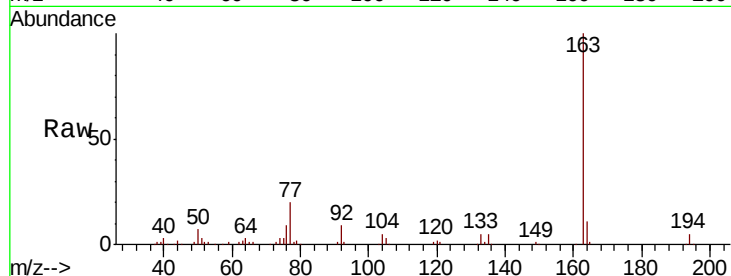
Tot Ion:163 Resp: 107441

Ion Ratio Lower Upper

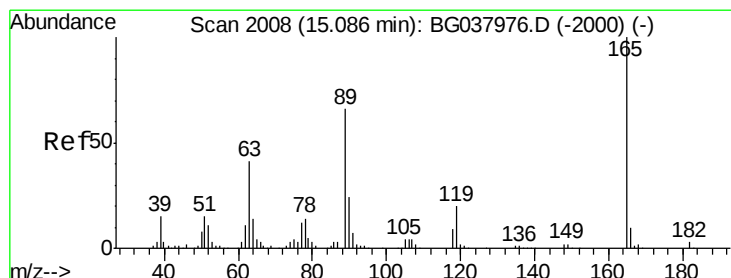
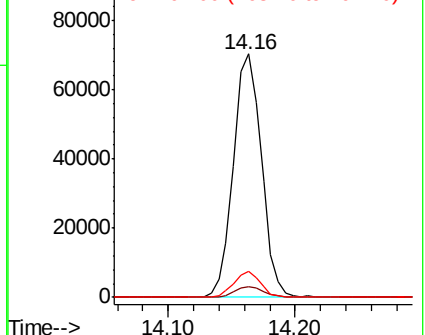
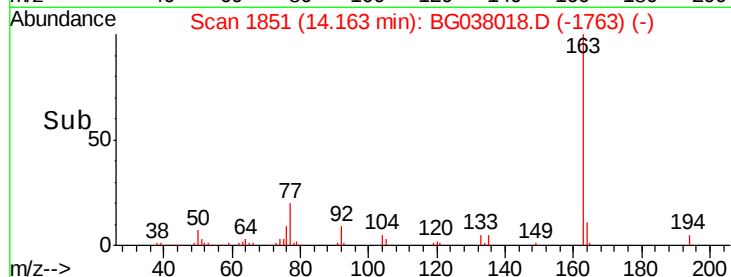
163 100

194 4.5 3.5 5.3

164 10.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.290 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.36 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

Tgt Ion:165 Resp: 16557

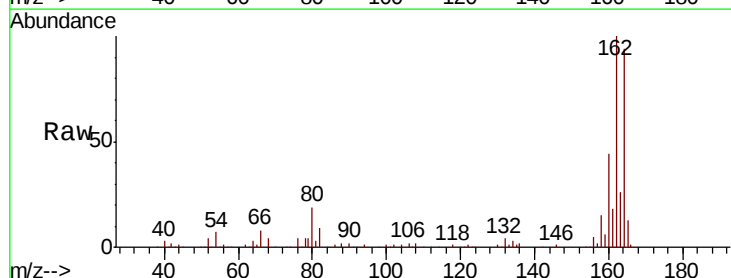
Ion Ratio Lower Upper

165 100

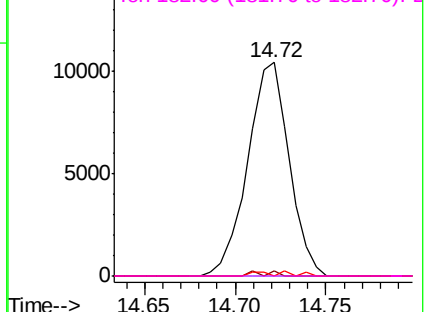
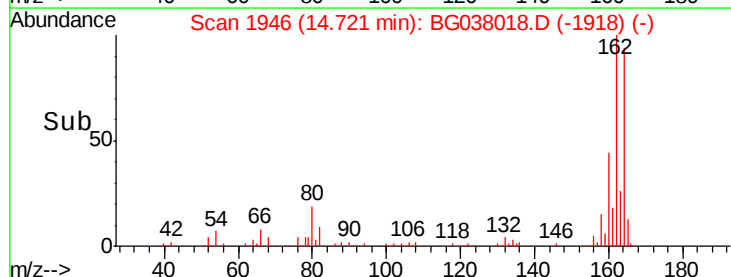
63 2.3 33.4 50.0#

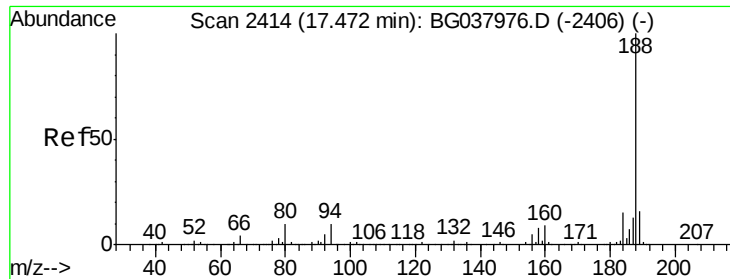
89 0.0 57.2 85.8#

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# 2413

Delta R.T. -0.01 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

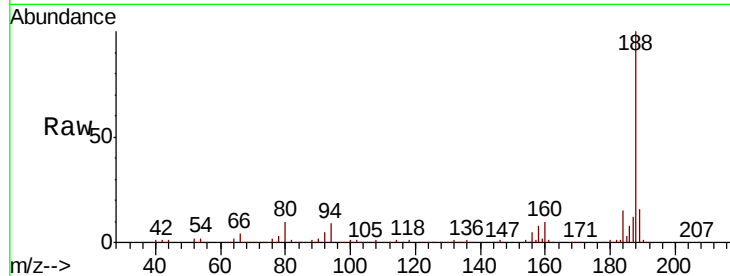
Tot Ion:188 Resp: 297552

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

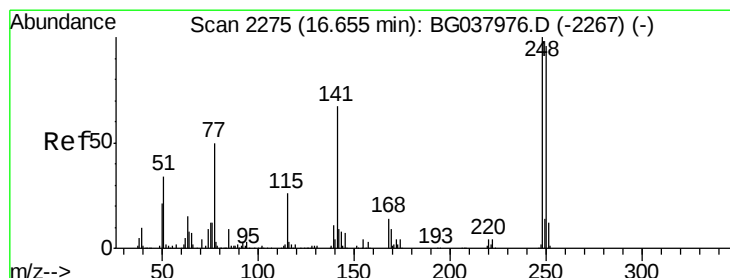
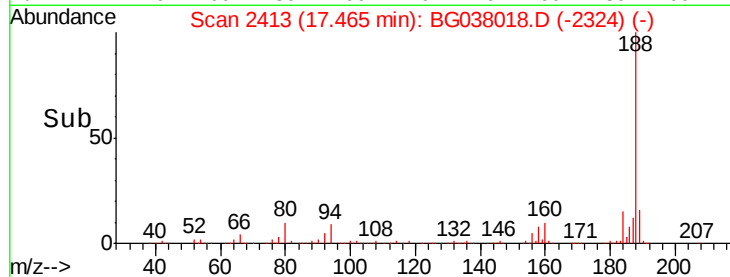
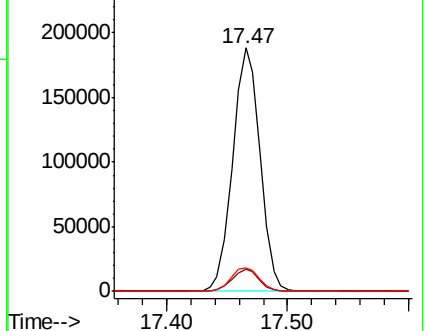
80 9.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 4.302 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.45 min

Lab File: BG038018.D

Acq: 15 Nov 2018 14:25

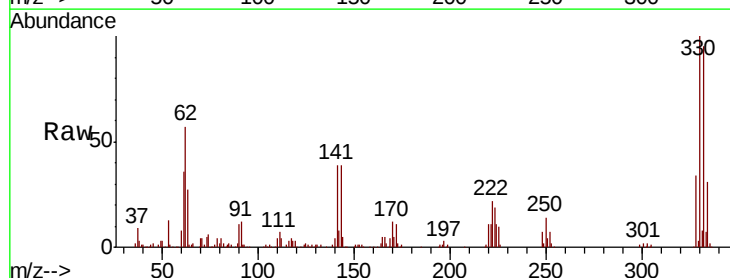
Tgt Ion:248 Resp: 14049

Ion Ratio Lower Upper

248 100

250 192.4 77.0 115.6#

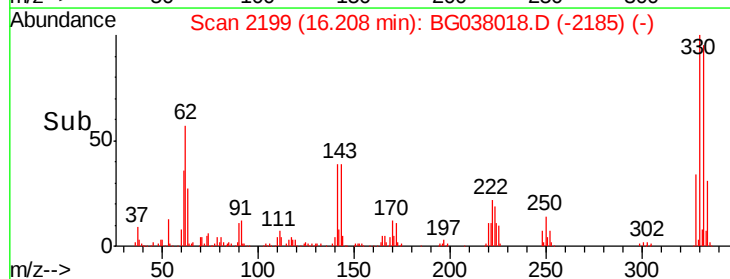
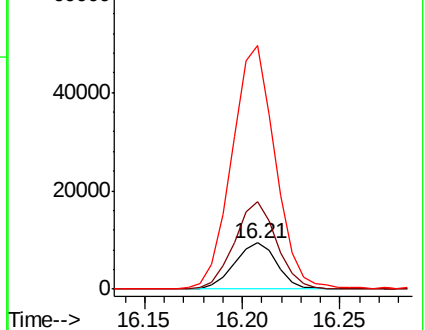
141 408.7 55.5 83.3#

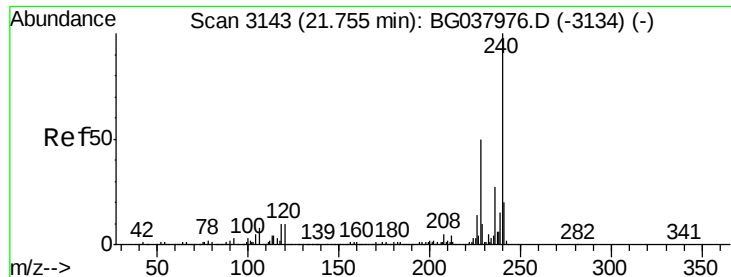


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

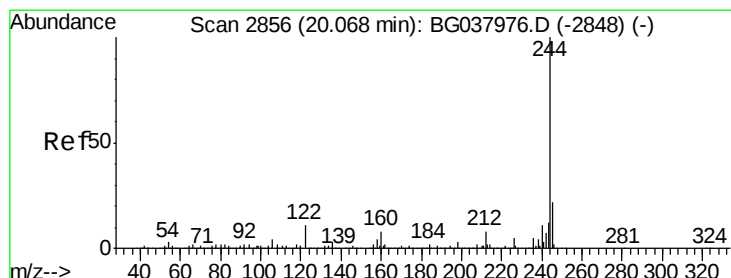
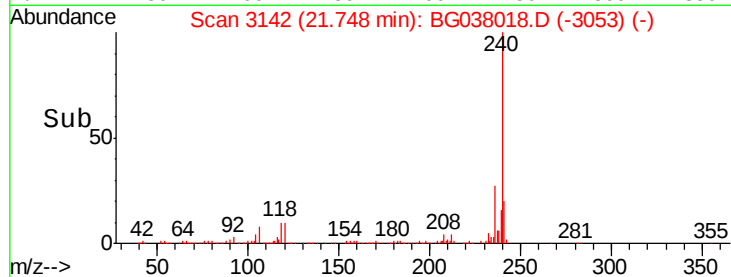
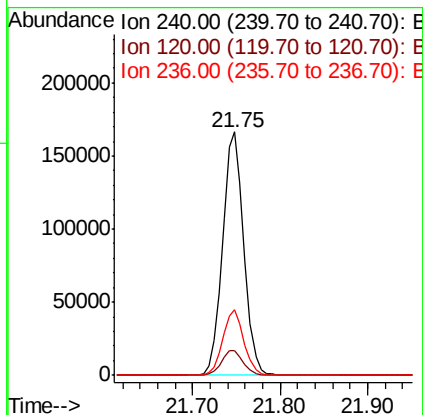
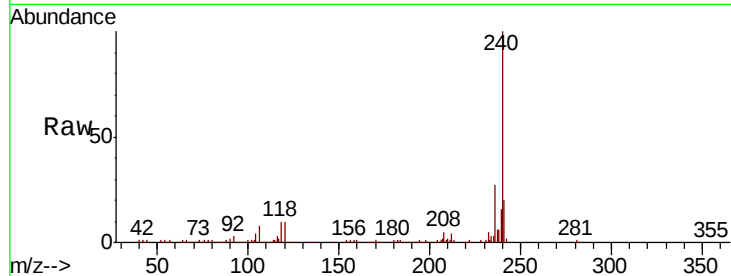
Ion 141.00 (140.70 to 141.70): E





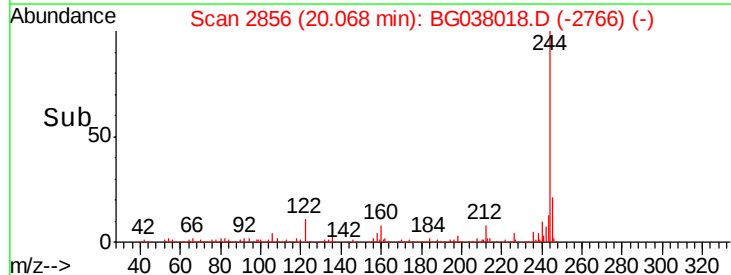
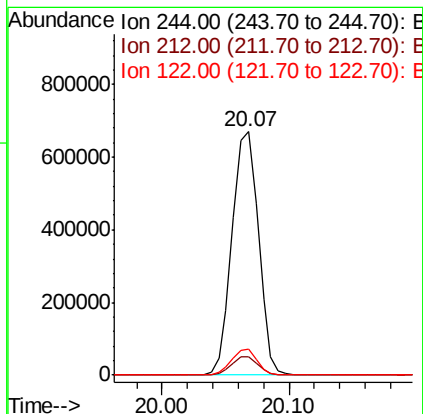
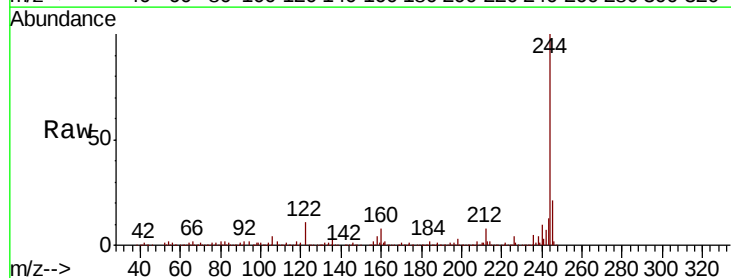
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

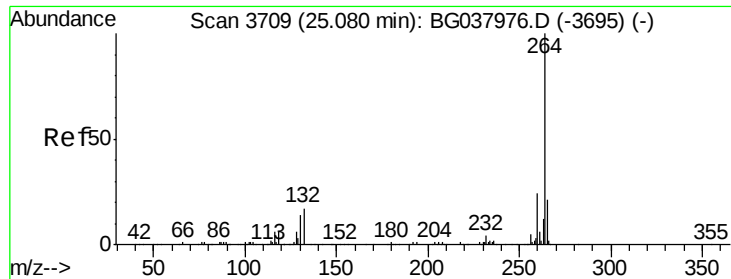
Tot Ion:240	Resp:	277300
Ion Ratio	Lower	Upper
240	100	
120	10.2	8.1 12.1
236	26.9	21.4 32.0



#79
 Terphenyl-d14
 Concen: 81.946 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tgt Ion:244	Resp:	965727
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.5 9.7
122	10.6	9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.07 min Scan# 3707
 Delta R.T. -0.01 min
 Lab File: BG038018.D
 Acq: 15 Nov 2018 14:25

Tot Ion:	264	Resp:	284369
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	20.9	17.9	26.9

