

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038024.D
 Acq On : 15 Nov 2018 18:58
 Operator : JU/SJ
 Sample : J5942-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

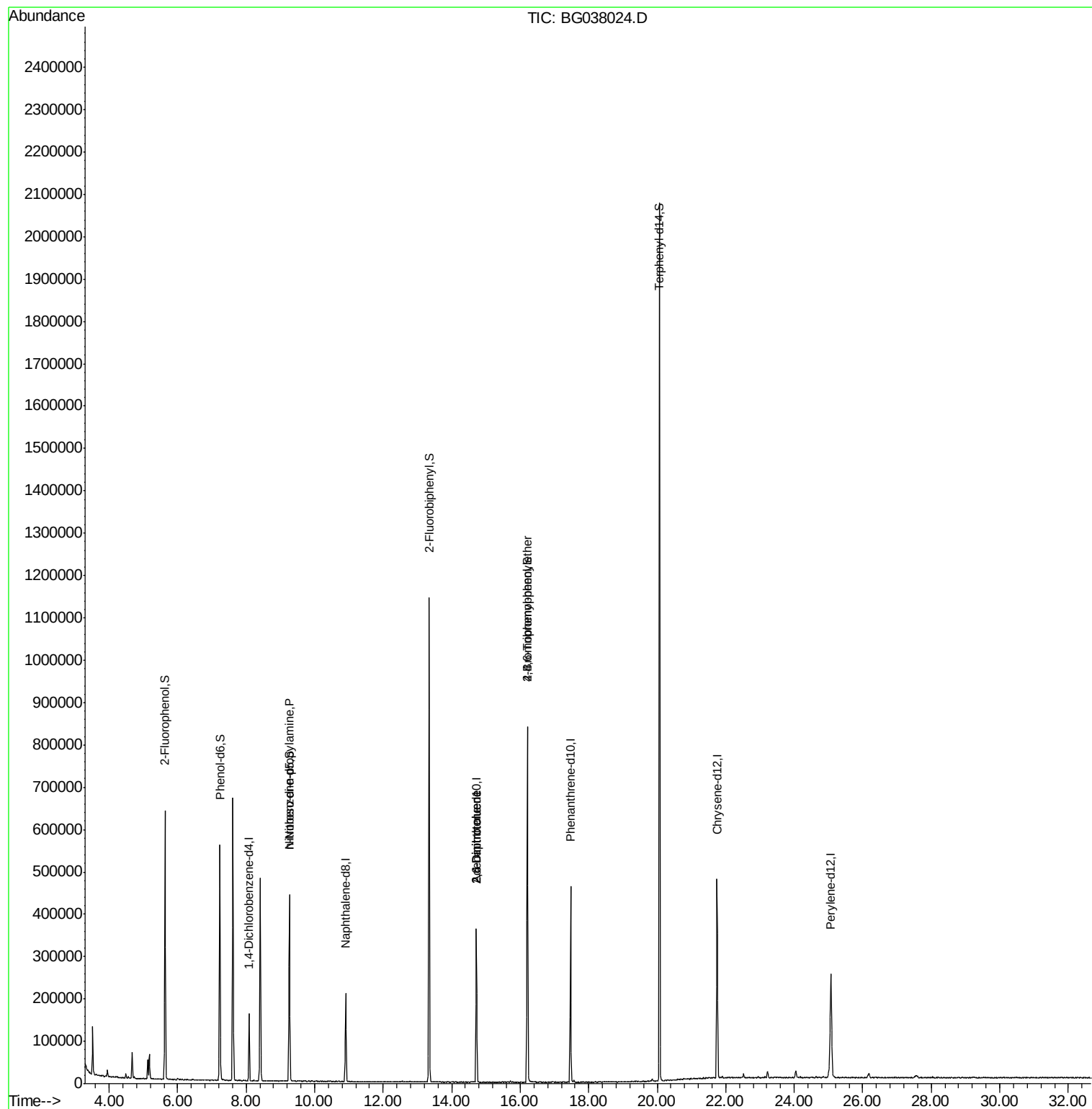
Quant Time: Nov 16 06:28:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

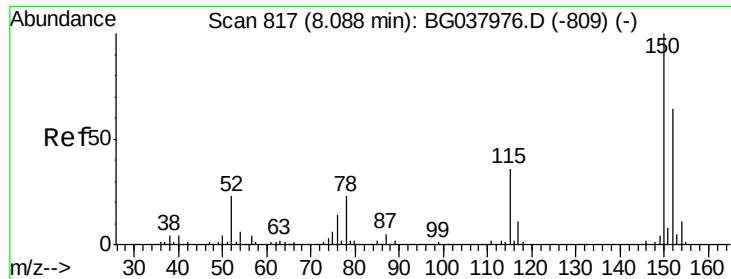
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46707	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	196169	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	124726	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	297851	20.00	ng	0.00
76) Chrysene-d12	21.75	240	285083	20.00	ng	0.00
87) Perylene-d12	25.07	264	287887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	283421	104.77	ng	0.00
7) Phenol-d6	7.23	99	353150	91.45	ng	0.00
23) Nitrobenzene-d5	9.26	82	274731	74.97	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	150672	105.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	623918	72.88	ng	0.00
79) Terphenyl-d14	20.07	244	1013553	83.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	35304	12.635	ng	# 74
51) 2,6-Dinitrotoluene	14.72	165	16199	7.238	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	16199	5.320	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	10903	3.335	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# 816

Delta R.T. -0.00 min

Lab File: BG038024.D

Acq: 15 Nov 2018 18:58

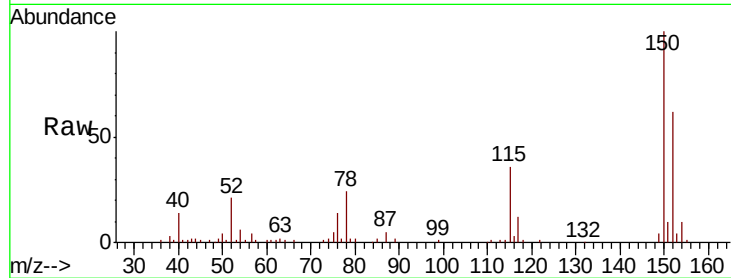
Tot Ion:152 Resp: 46707

Ion Ratio Lower Upper

152 100

150 160.1 126.0 189.0

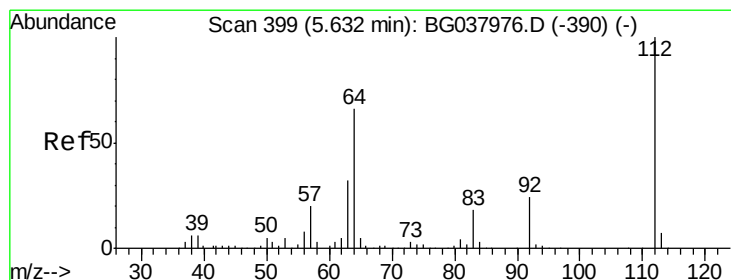
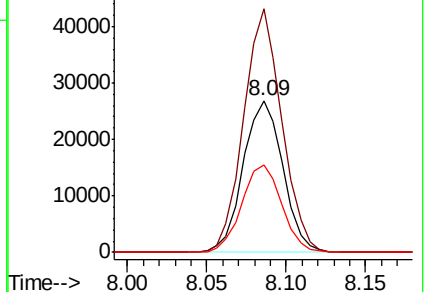
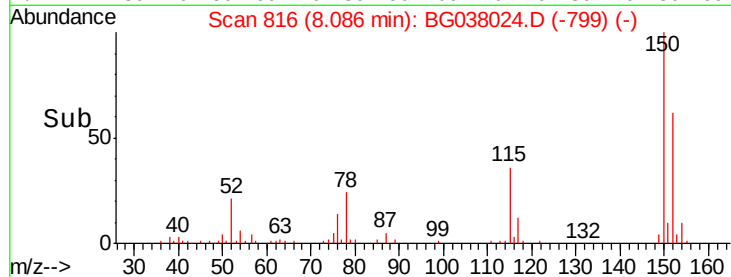
115 57.5 45.5 68.3



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: 104.769 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038024.D

Acq: 15 Nov 2018 18:58

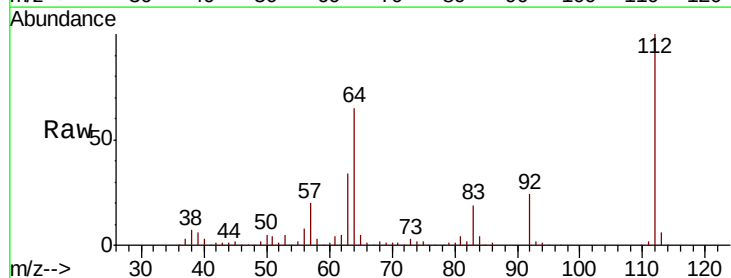
Tgt Ion:112 Resp: 283421

Ion Ratio Lower Upper

112 100

64 64.9 53.1 79.7

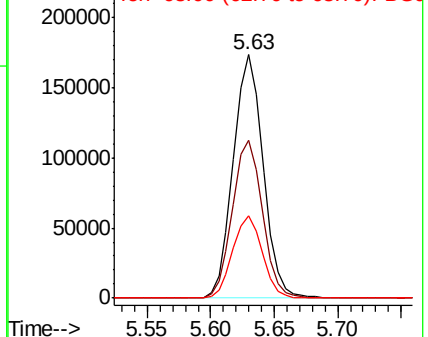
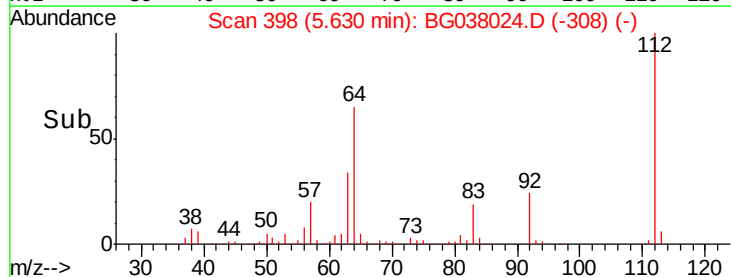
63 33.9 27.3 40.9

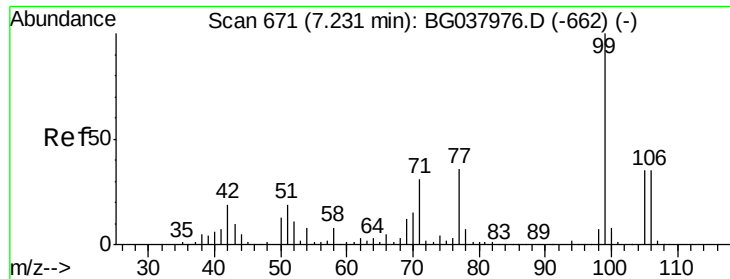


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 91.454 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038024.D

Acq: 15 Nov 2018 18:58

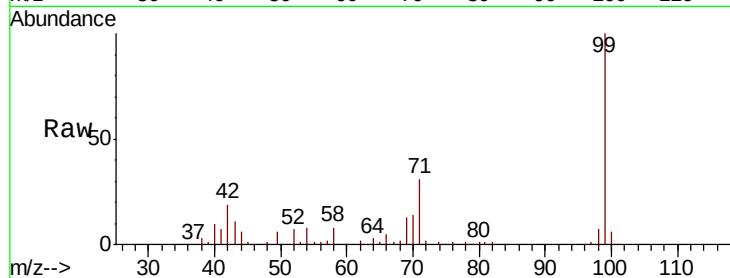
Tot Ion: 99 Resp: 353150

Ion Ratio Lower Upper

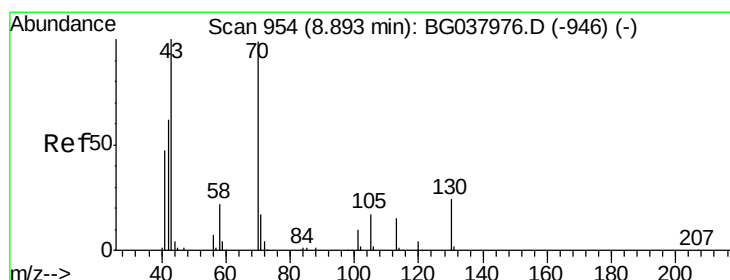
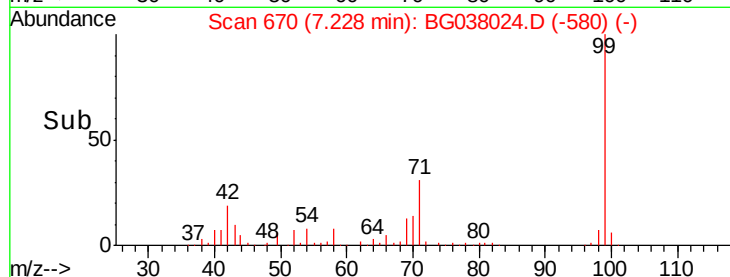
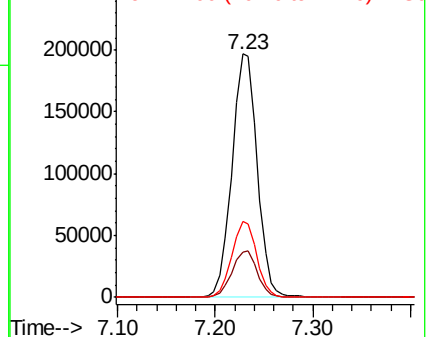
99 100

42 18.7 15.0 22.4

71 31.1 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: 12.635 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038024.D

Acq: 15 Nov 2018 18:58

Tgt Ion: 70 Resp: 35304

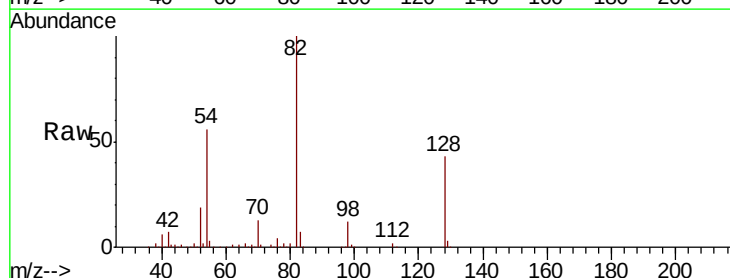
Ion Ratio Lower Upper

70 100

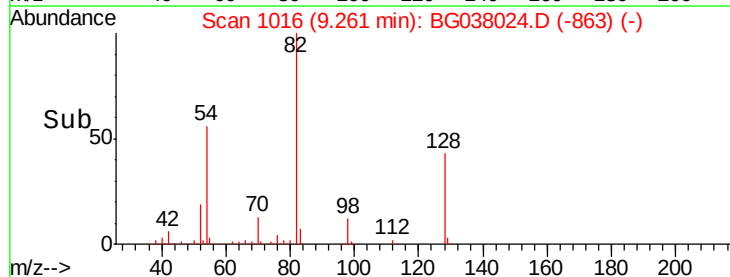
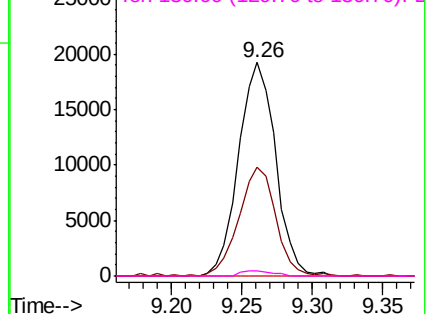
42 50.9 53.9 80.9#

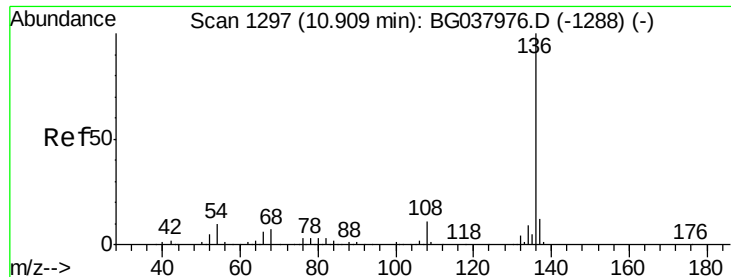
101 0.0 8.2 12.2#

130 2.4 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# 1296

Delta R.T. -0.00 min

Lab File: BG038024.D

Acq: 15 Nov 2018 18:58

Tot Ion:136 Resp: 196169

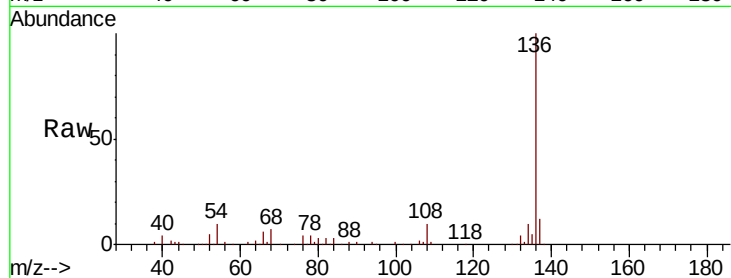
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 10.2 7.9 11.9

68 6.7 4.8 7.2

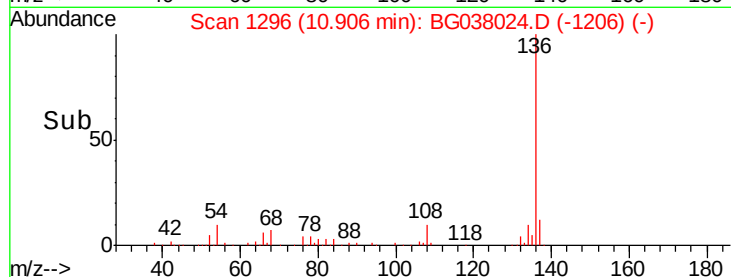


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Abundance

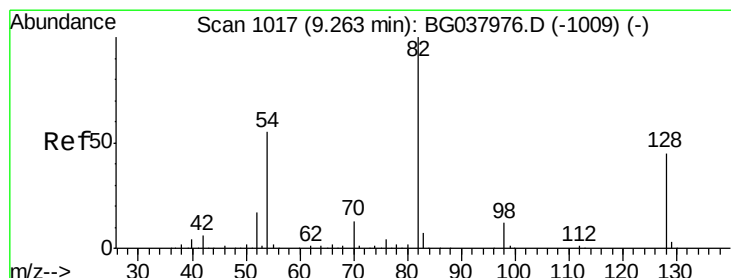
10.91

100000

50000

0

Time--> 10.80 10.90 11.00



#23

Nitrobenzene-d5

Concen: 74.968 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG038024.D

Acq: 15 Nov 2018 18:58

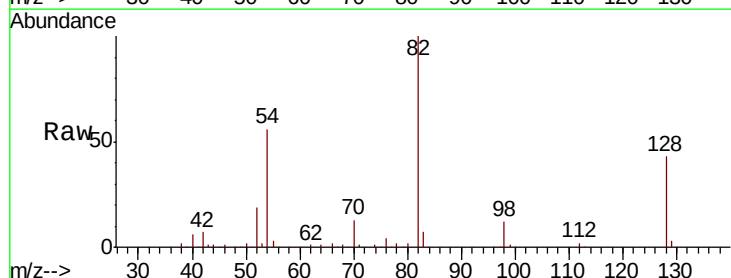
Tgt Ion: 82 Resp: 274731

Ion Ratio Lower Upper

82 100

128 43.3 34.6 51.8

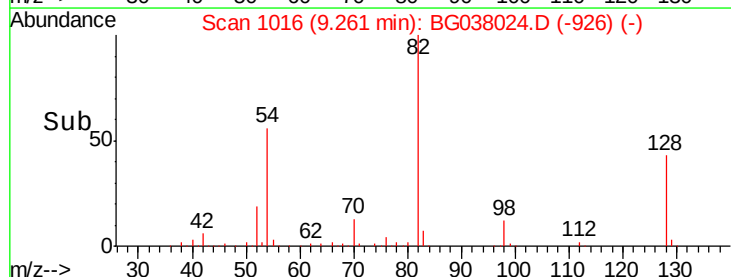
54 55.9 45.3 67.9



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



Abundance

9.26

200000

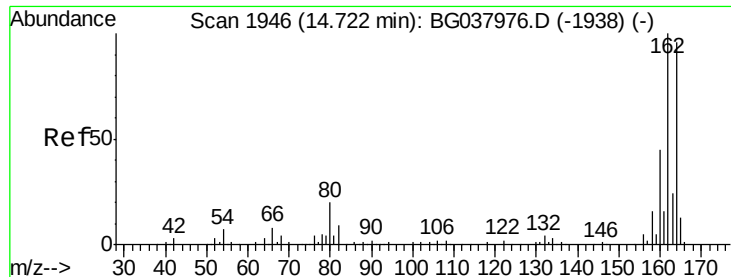
150000

100000

50000

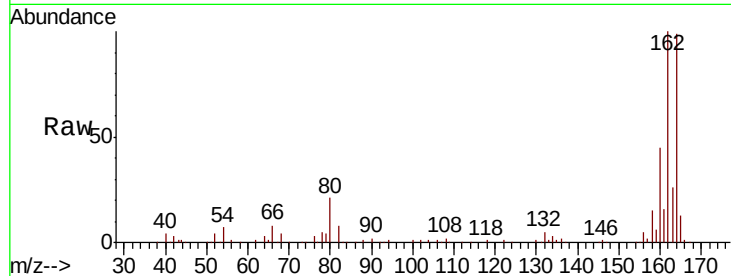
0

Time--> 9.15 9.20 9.25 9.30 9.35

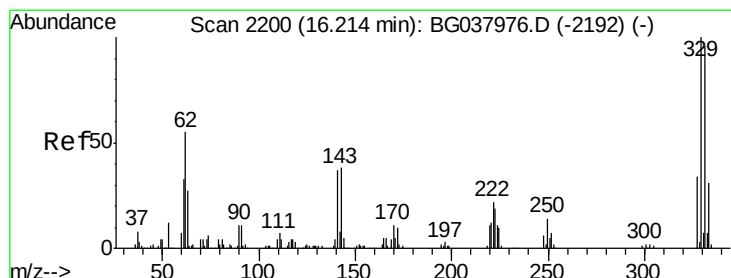
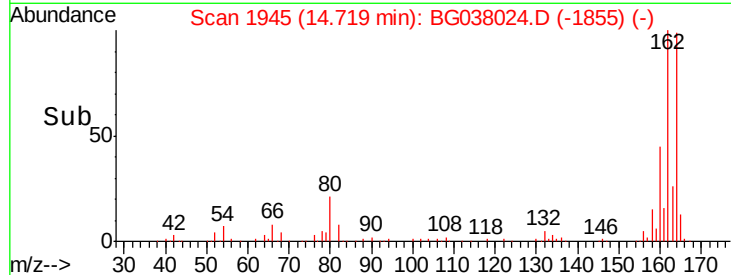
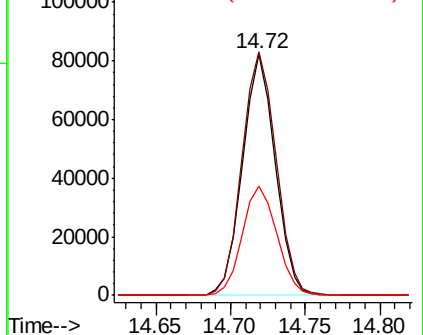


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG038024.D
 Acq: 15 Nov 2018 18:58

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.3	121.9
160	45.4	36.3	54.5

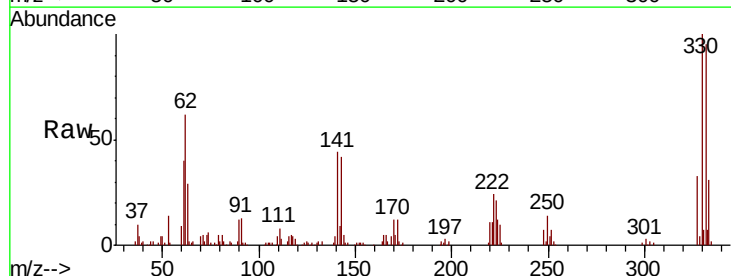


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

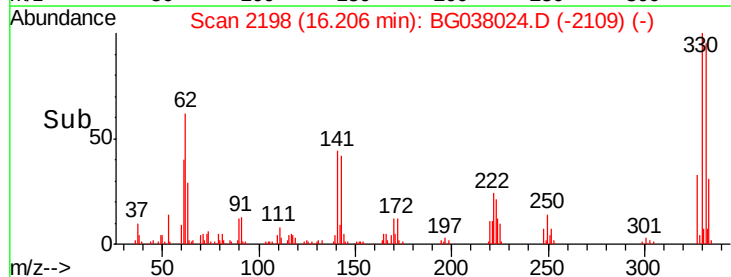
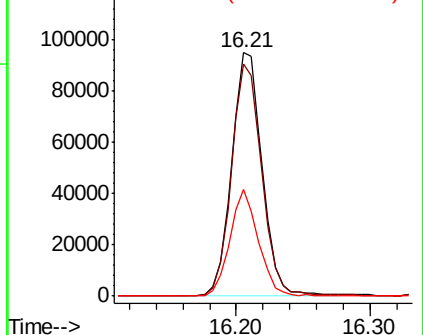


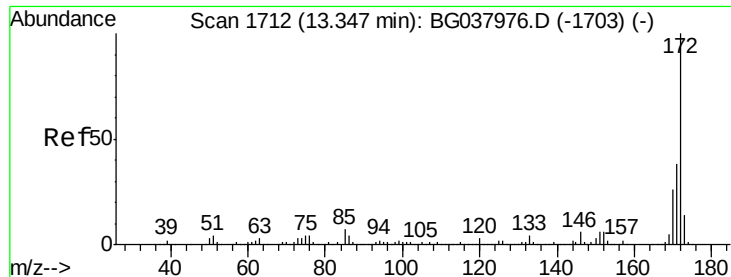
#42
 2,4,6-Tribromophenol
 Concen: 105.923 ng
 RT: 16.21 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG038024.D
 Acq: 15 Nov 2018 18:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	78.4	117.6
141	41.1	32.2	48.2



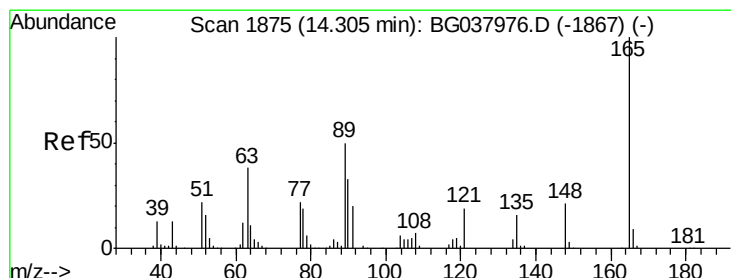
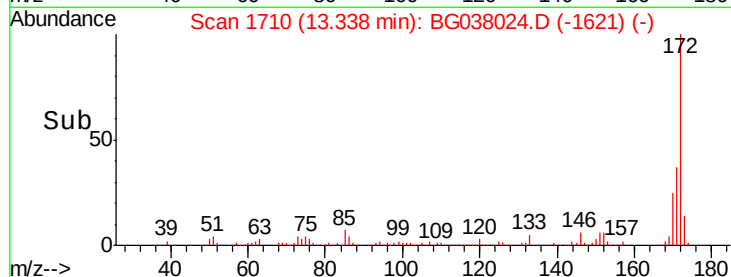
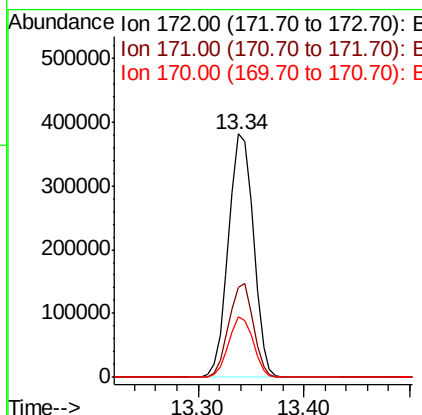
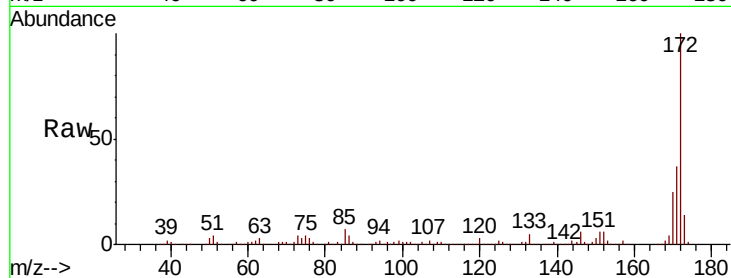
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





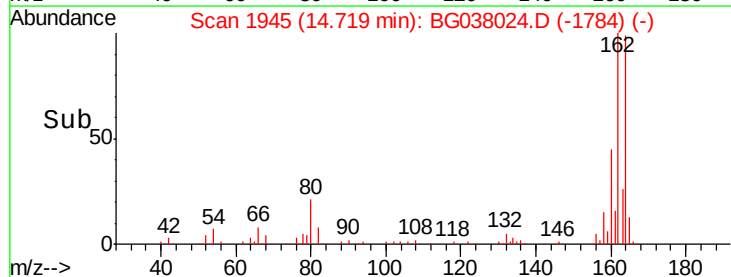
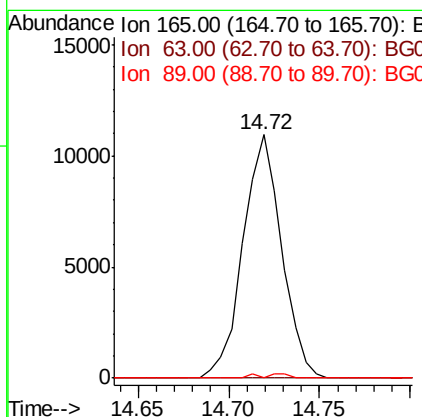
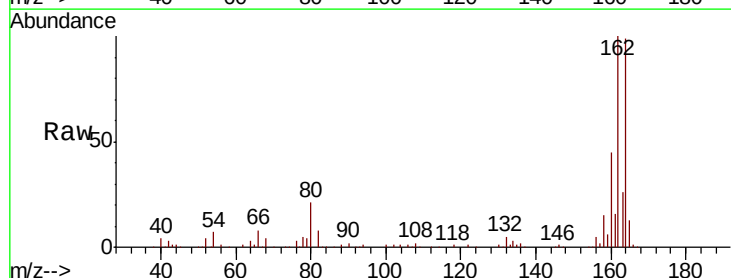
#45
 2-Fluorobiphenyl
 Concen: 72.876 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038024.D
 Acq: 15 Nov 2018 18:58

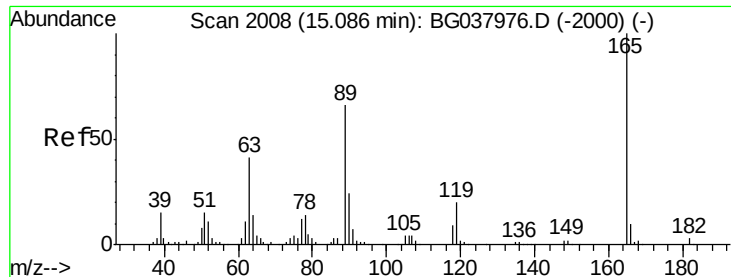
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.8	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.238 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038024.D
 Acq: 15 Nov 2018 18:58

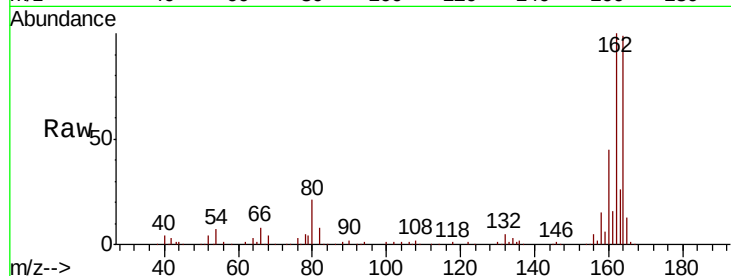
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#





#57
 2,4-Dinitrotoluene
 Concen: 5.320 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038024.D
 Acq: 15 Nov 2018 18:58

Tot Ion:	165	Resp:	16199
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

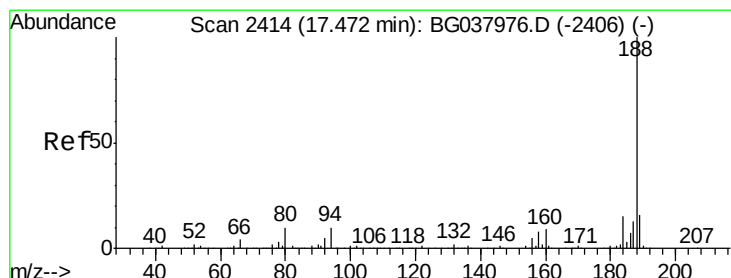
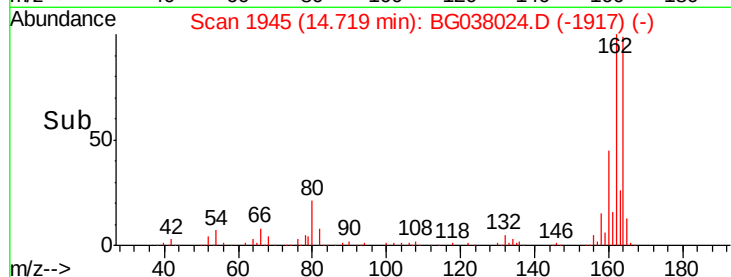
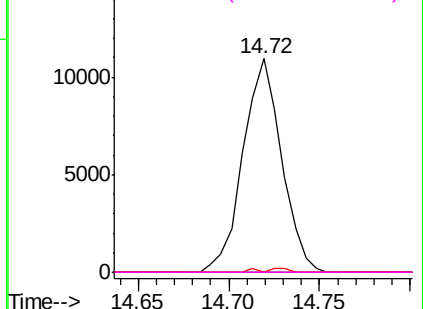


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

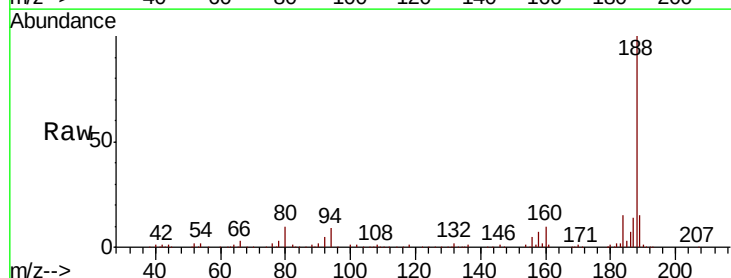
Ion 89.00 (88.70 to 89.70): BGC

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. -0.00 min
 Lab File: BG038024.D
 Acq: 15 Nov 2018 18:58

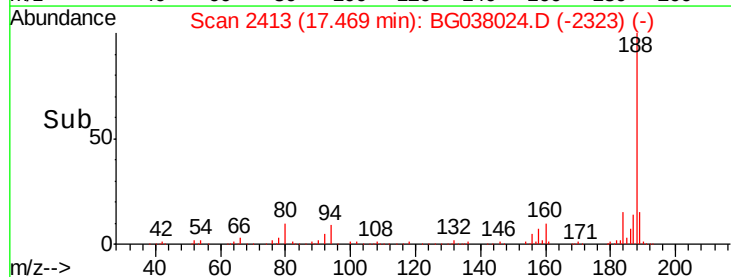
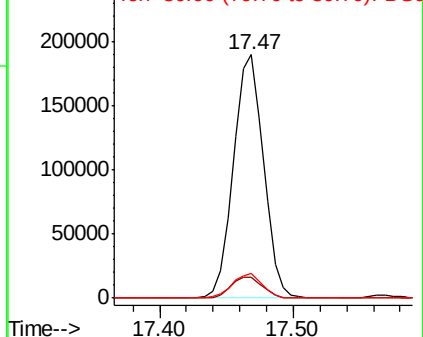
Tgt Ion:	188	Resp:	297851
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.2	7.7	11.5

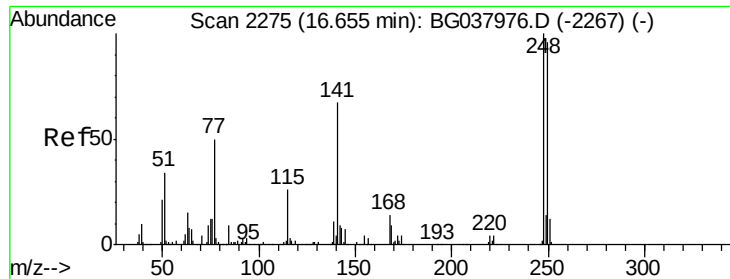


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

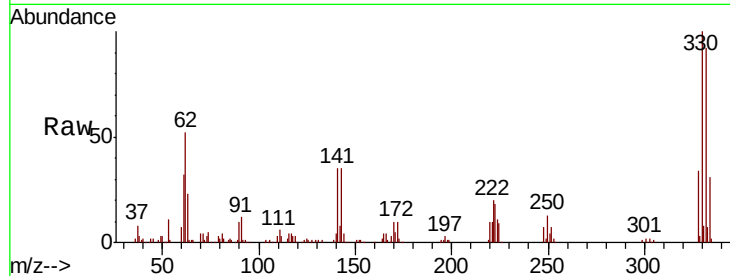
Ion 80.00 (79.70 to 80.70): BGC





#67
 4-Bromophenyl-phenylether
 Concen: 3.335 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038024.D
 Acq: 15 Nov 2018 18:58

Tot Ion	Ratio	Lower	Upper
248	100		
250	229.1	77.0	115.6#
141	480.0	55.5	83.3#

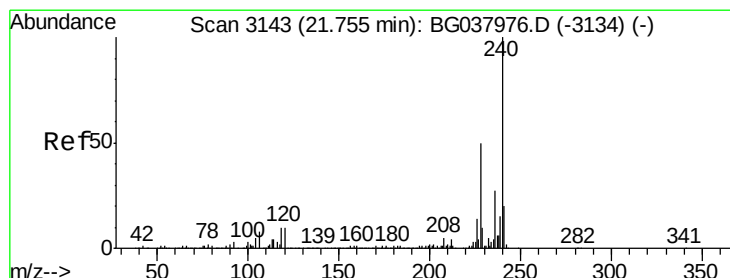
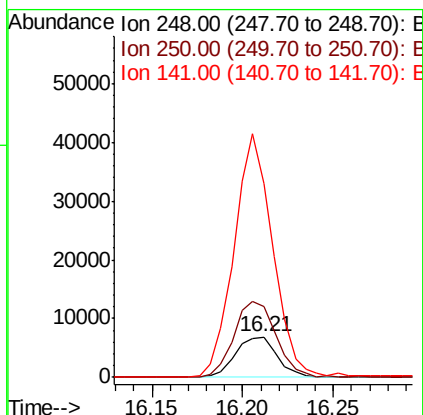
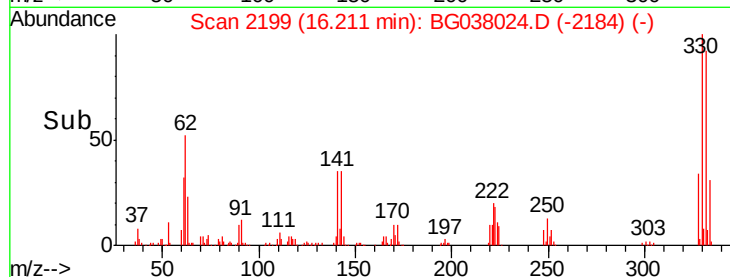


Abundance

Ion 248.00 (247.70 to 248.70): E

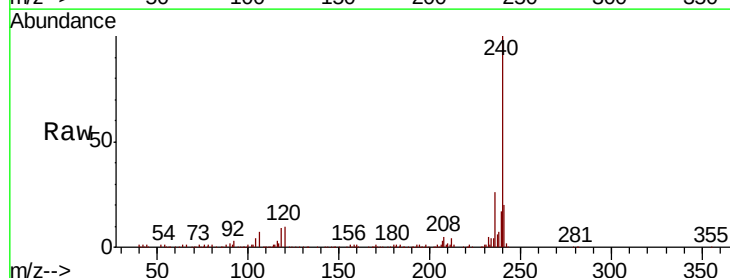
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038024.D
 Acq: 15 Nov 2018 18:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	25.7	21.4	32.0

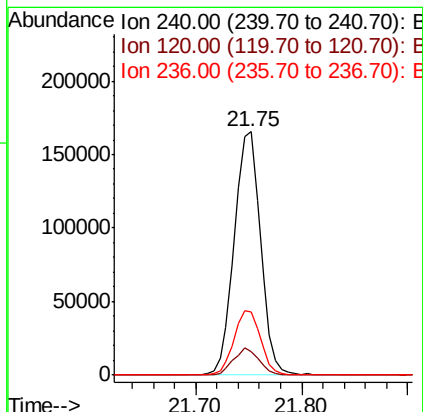
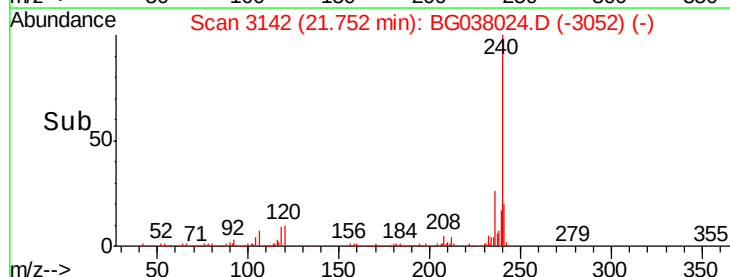


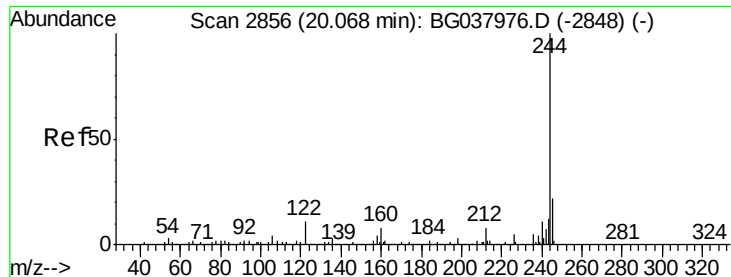
Abundance

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: 83.656 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038024.D

Acq: 15 Nov 2018 18:58

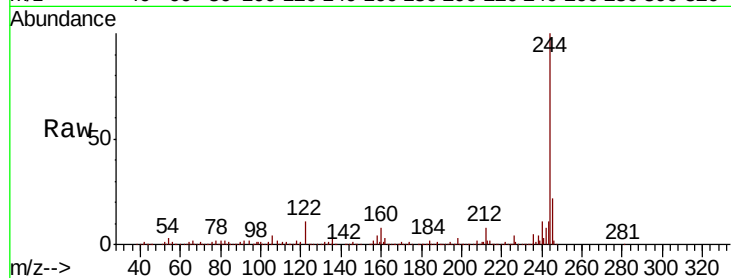
Tot Ion:244 Resp: 1013553

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

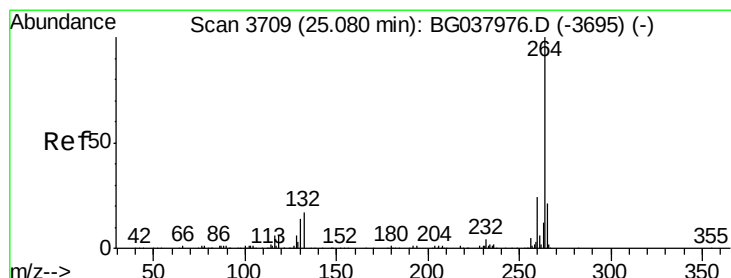
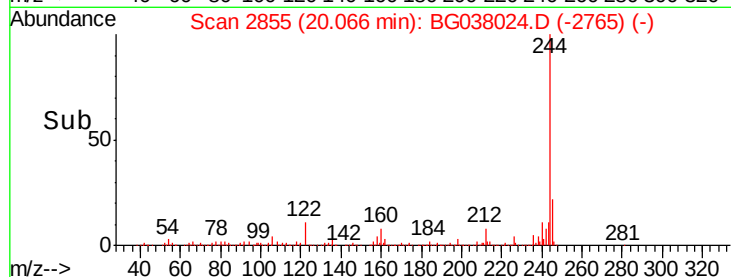
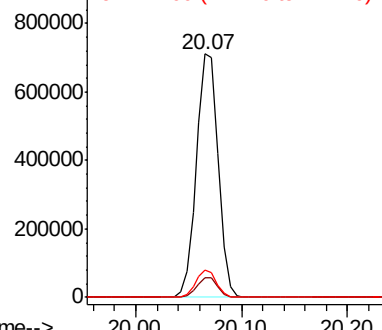
122 11.0 9.0 13.4



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: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038024.D

Acq: 15 Nov 2018 18:58

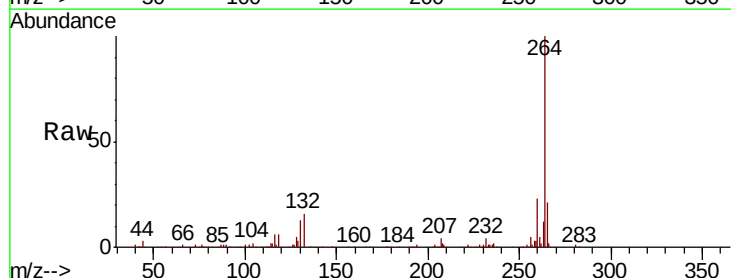
Tgt Ion:264 Resp: 287887

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

265 21.2 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

