

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038022.D
 Acq On : 15 Nov 2018 17:39
 Operator : JU/SJ
 Sample : PB114835BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

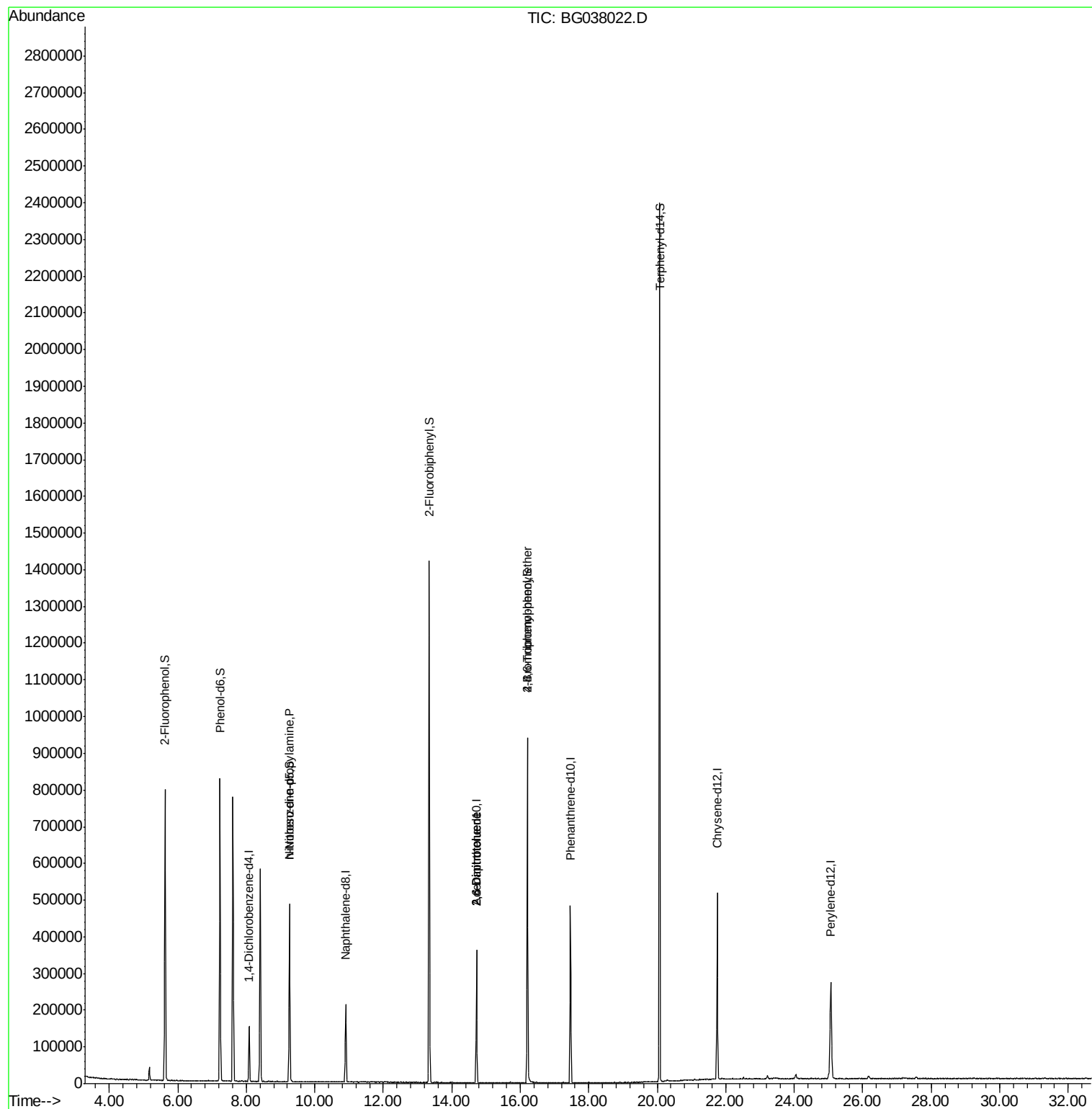
Quant Time: Nov 16 06:27:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

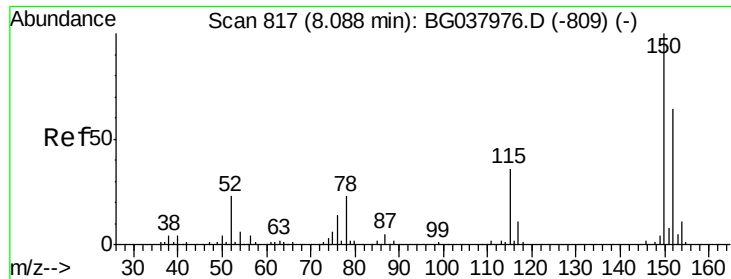
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44574	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	193041	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	125507	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	307028	20.00	ng	0.00
76) Chrysene-d12	21.75	240	297155	20.00	ng	0.00
87) Perylene-d12	25.07	264	296664	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	364881	141.34	ng	0.00
7) Phenol-d6	7.23	99	501821	136.17	ng	0.00
23) Nitrobenzene-d5	9.26	82	300495	83.33	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	174043	121.59	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	740726	85.98	ng	0.00
79) Terphenyl-d14	20.07	244	1153810	91.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	39030	14.637	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	16610	7.376	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	16610	5.421	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	12924	3.835	ng	# 1

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

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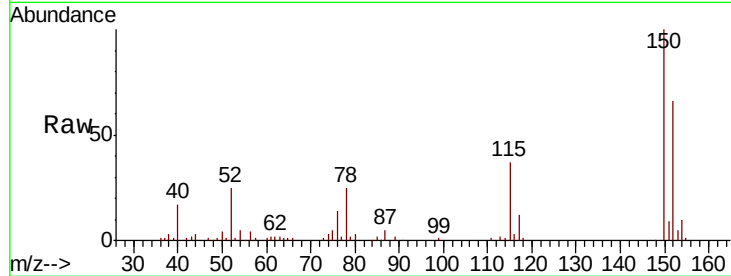




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038022.D
Acq: 15 Nov 2018 17:39

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.0	189.0
115	56.2	45.5	68.3

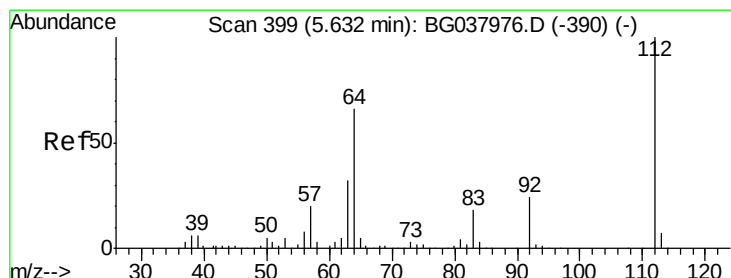
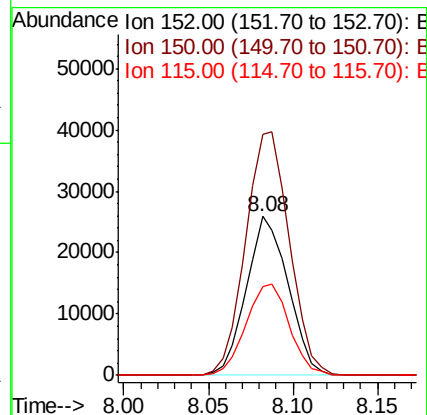
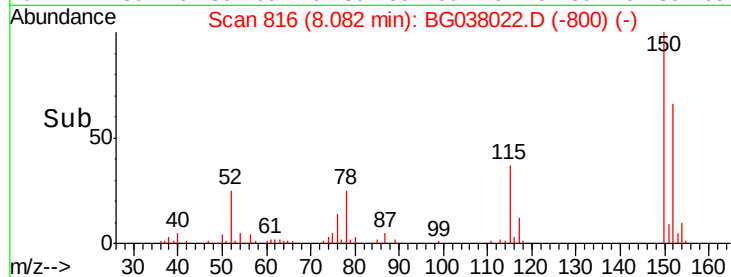


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

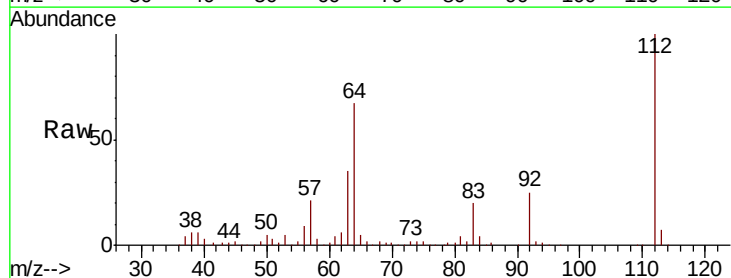
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 141.336 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038022.D
Acq: 15 Nov 2018 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	53.1	79.7
63	34.7	27.3	40.9

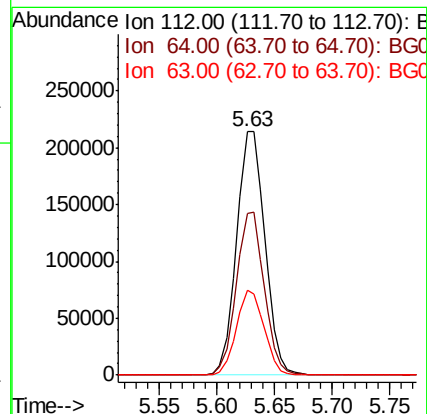
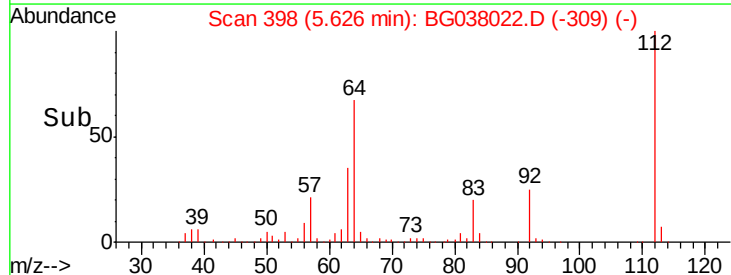


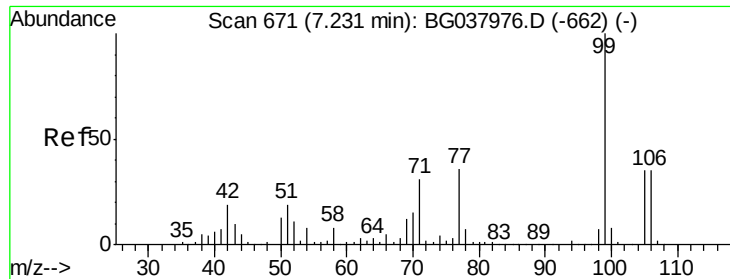
Abundance

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: 136.173 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038022.D

Acq: 15 Nov 2018 17:39

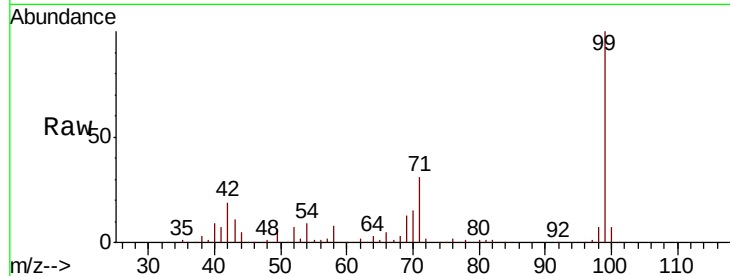
Tot Ion: 99 Resp: 501821

Ion Ratio Lower Upper

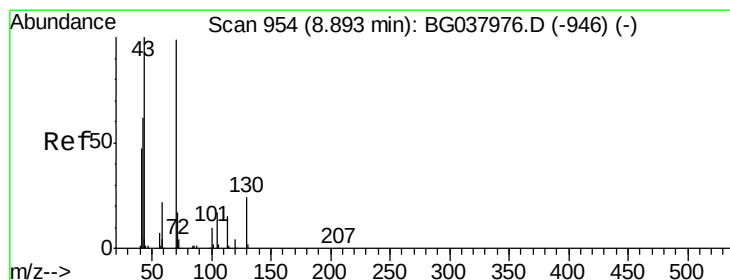
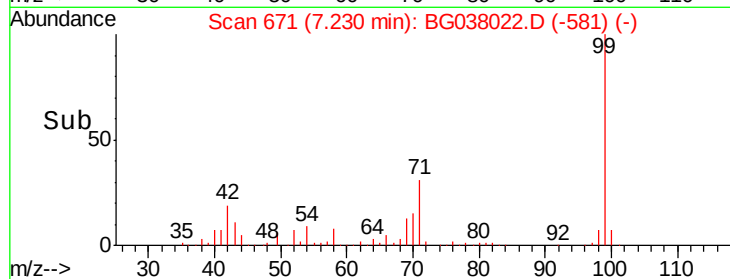
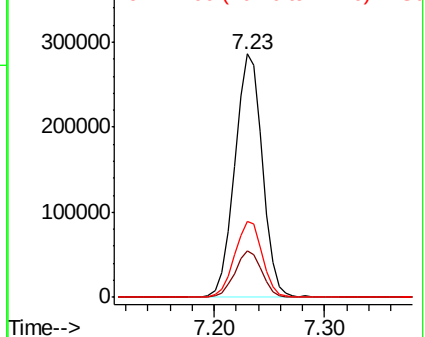
99 100

42 19.1 15.0 22.4

71 31.0 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: 14.637 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038022.D

Acq: 15 Nov 2018 17:39

Tgt Ion: 70 Resp: 39030

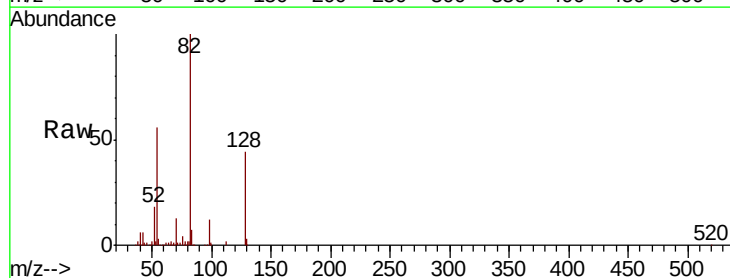
Ion Ratio Lower Upper

70 100

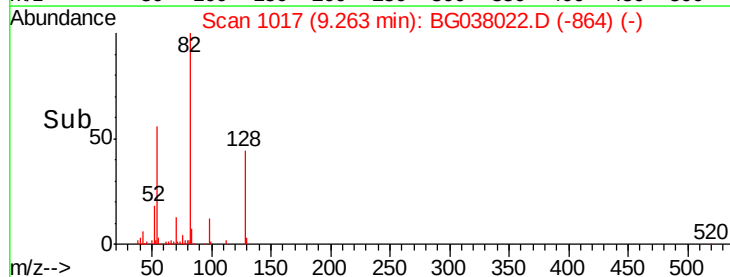
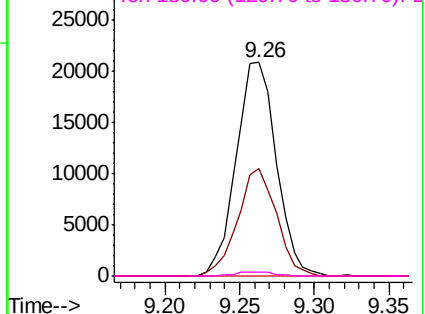
42 50.1 53.9 80.9#

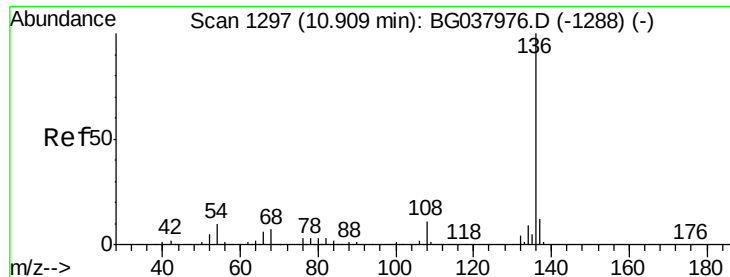
101 0.0 8.2 12.2#

130 2.1 18.2 27.4#



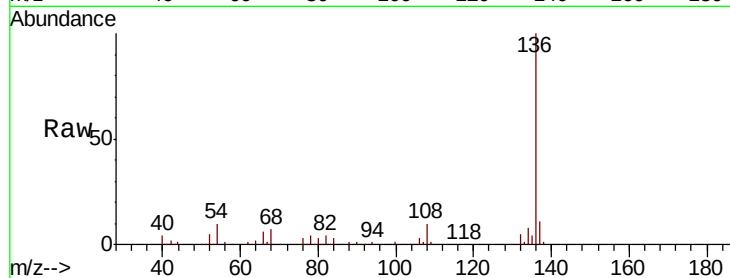
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



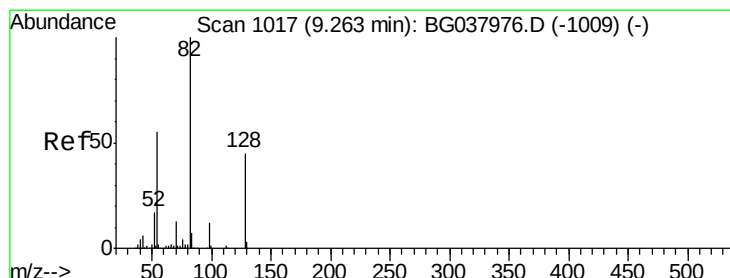
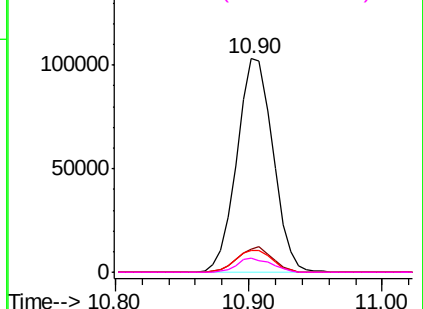
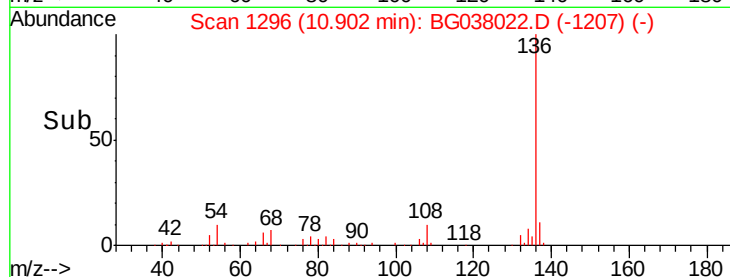


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038022.D
Acq: 15 Nov 2018 17:39

Tot Ion:136	Resp:	193041
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.6	14.4
54 10.3	7.9	11.9
68 6.7	4.8	7.2

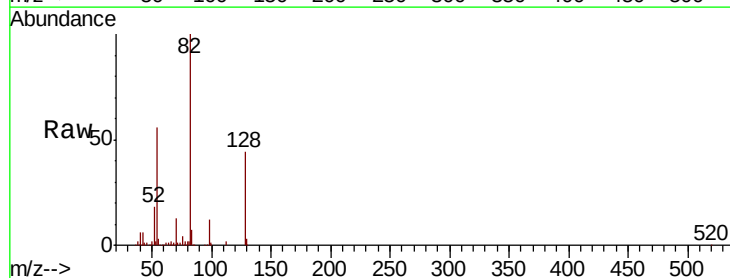


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

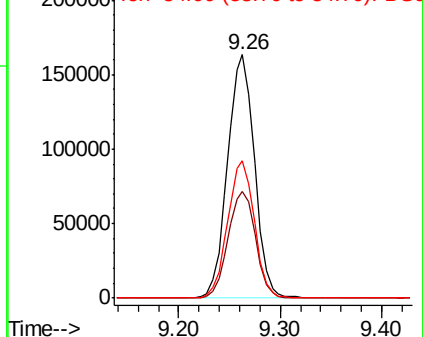
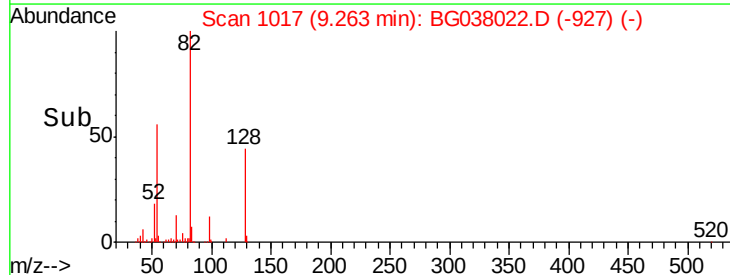


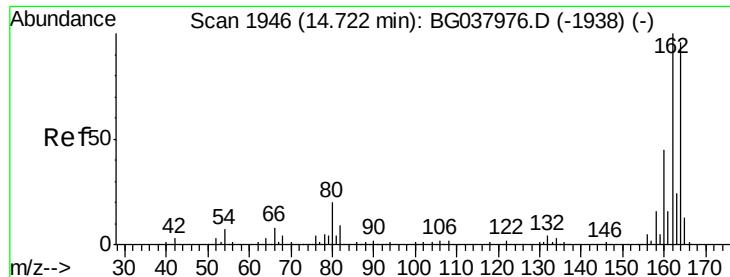
#23
Nitrobenzene-d5
Concen: 83.327 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038022.D
Acq: 15 Nov 2018 17:39

Tgt	Ion: 82	Resp:	300495
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	56.2	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: BG038022.D

Acq: 15 Nov 2018 17:39

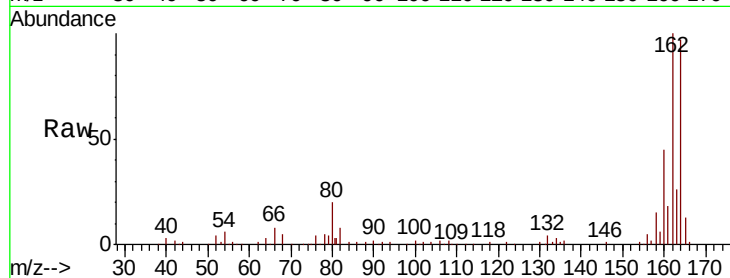
Tot Ion:164 Resp: 125507

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

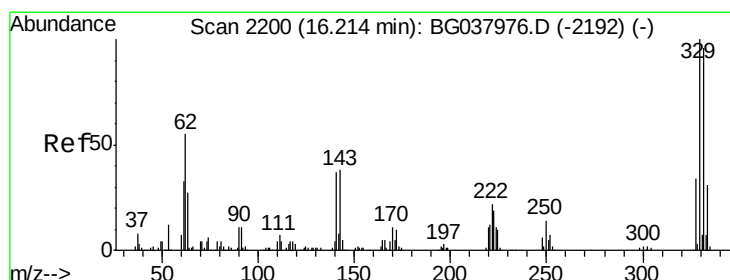
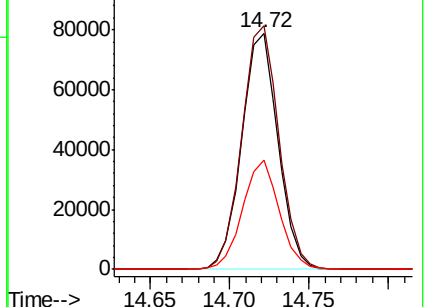
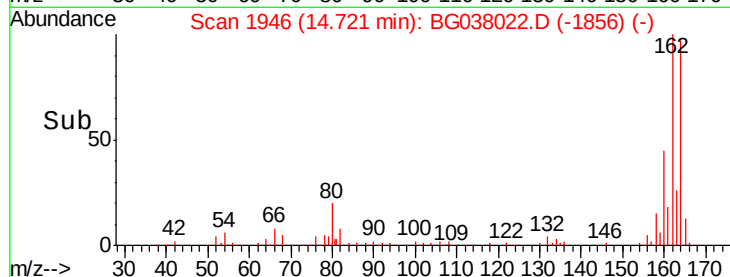
160 46.3 36.3 54.5



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: 121.591 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038022.D

Acq: 15 Nov 2018 17:39

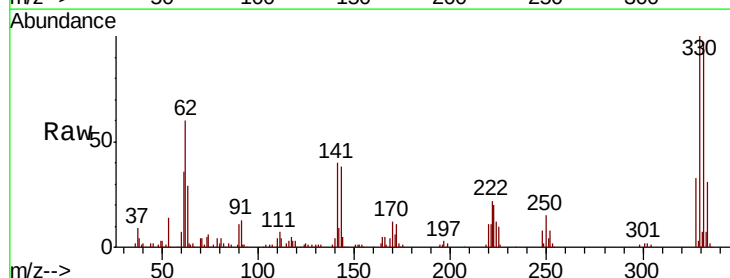
Tgt Ion:330 Resp: 174043

Ion Ratio Lower Upper

330 100

332 96.4 78.4 117.6

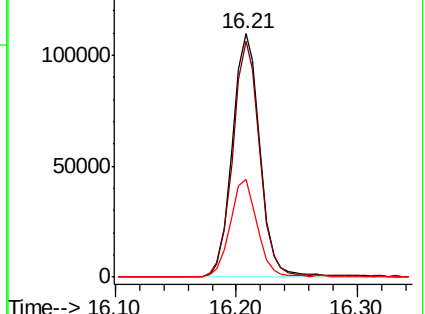
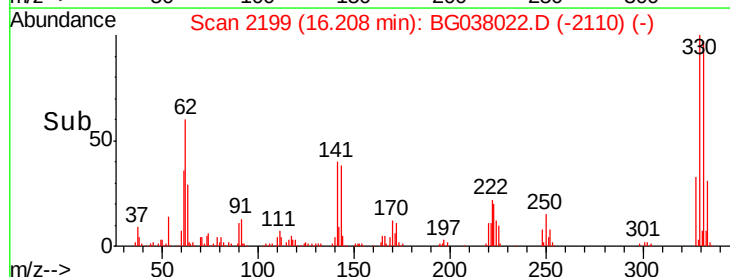
141 39.4 32.2 48.2

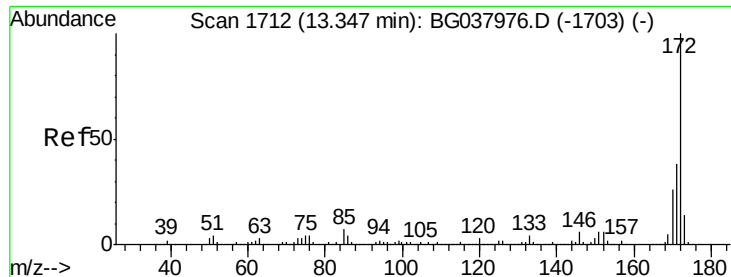


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

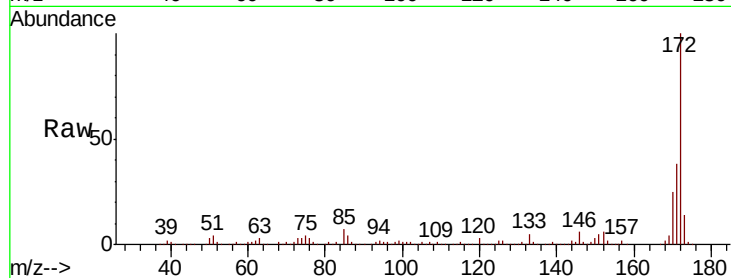
Ion 141.00 (140.70 to 141.70): E



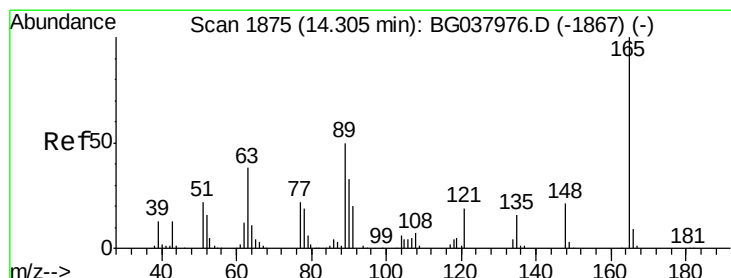
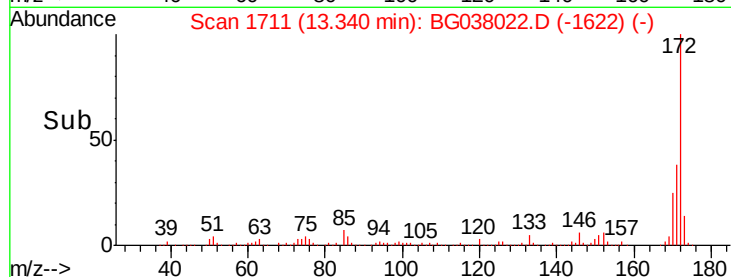
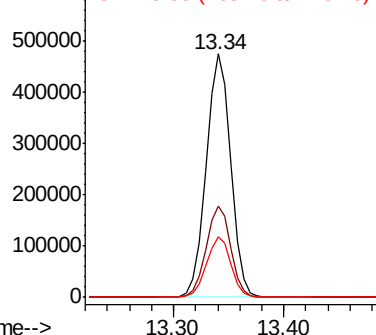


#45
 2-Fluorobiphenyl
 Concen: 85.981 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038022.D
 Acq: 15 Nov 2018 17:39

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.0	46.4
170	24.7	20.2	30.2

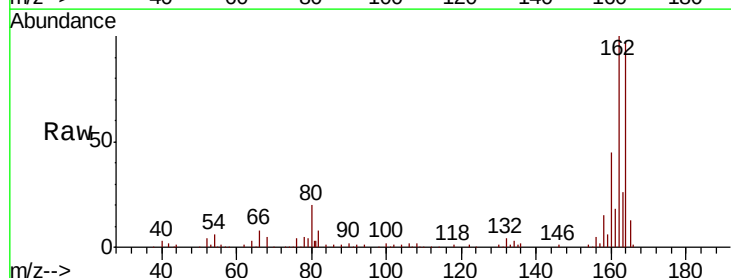


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

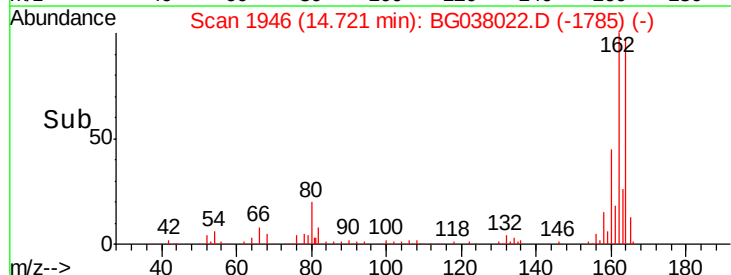
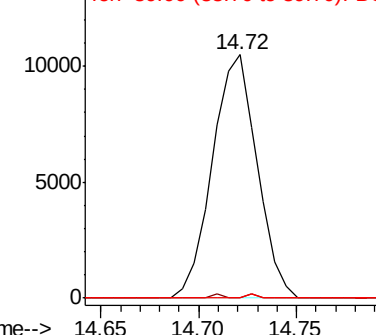


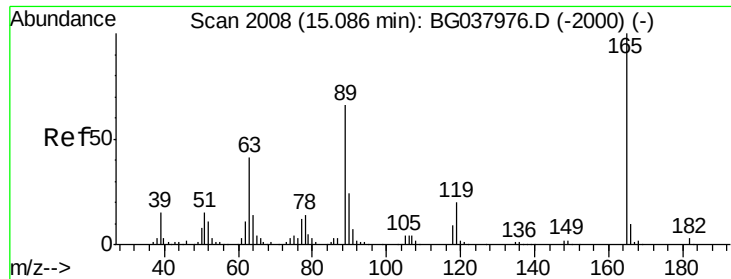
#51
 2,6-Dinitrotoluene
 Concen: 7.376 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG038022.D
 Acq: 15 Nov 2018 17:39

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



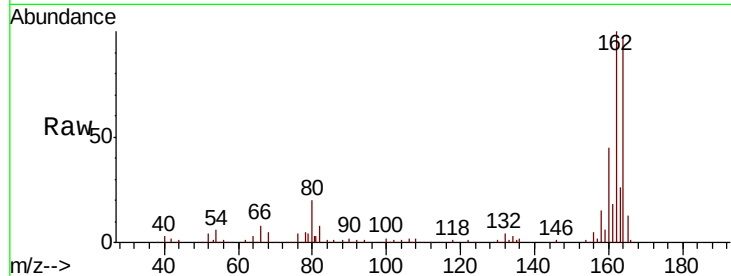
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





#57
 2,4-Dinitrotoluene
 Concen: 5.421 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038022.D
 Acq: 15 Nov 2018 17:39

Tot Ion:165	Resp:	16610
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#

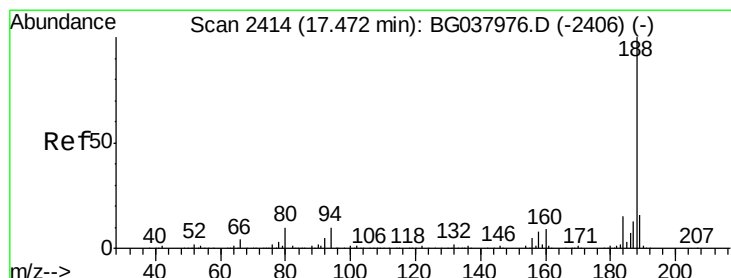
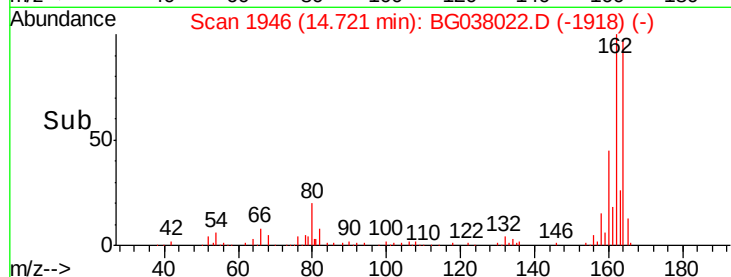
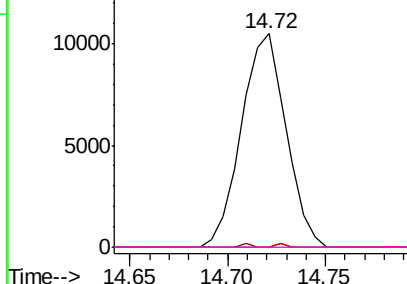


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

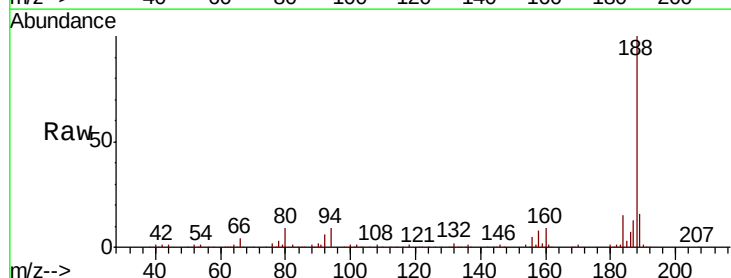
Ion 89.00 (88.70 to 89.70): BGC

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. -0.01 min
 Lab File: BG038022.D
 Acq: 15 Nov 2018 17:39

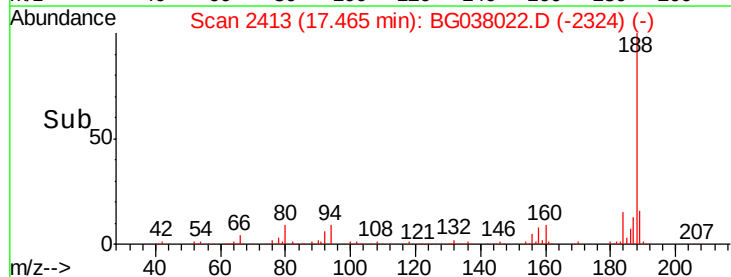
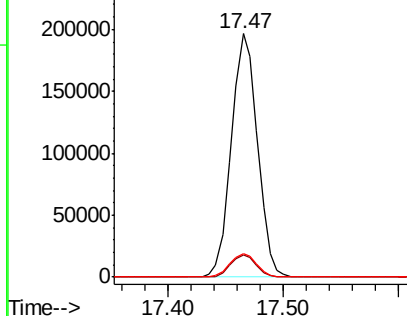
Tgt Ion:188	Resp:	307028
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.2 10.8
80	9.4	7.7 11.5

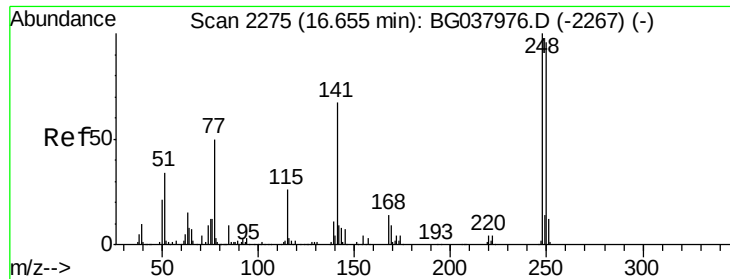


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

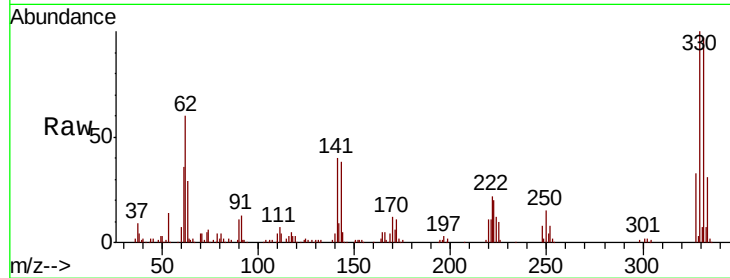
Ion 80.00 (79.70 to 80.70): BGC





#67
 4-Bromophenyl-phenylether
 Concen: 3.835 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038022.D
 Acq: 15 Nov 2018 17:39

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.0	77.0	115.6#
141	407.7	55.5	83.3#

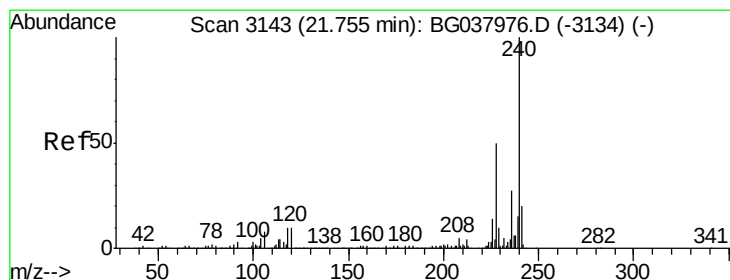
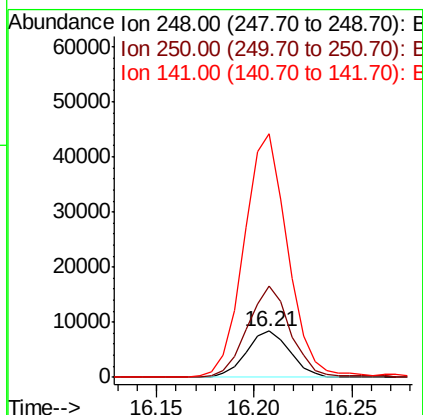
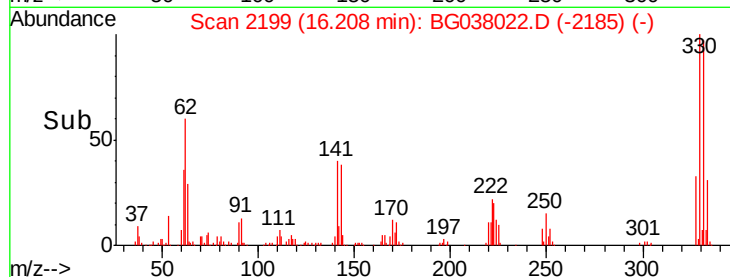


Abundance

Ion 248.00 (247.70 to 248.70): E

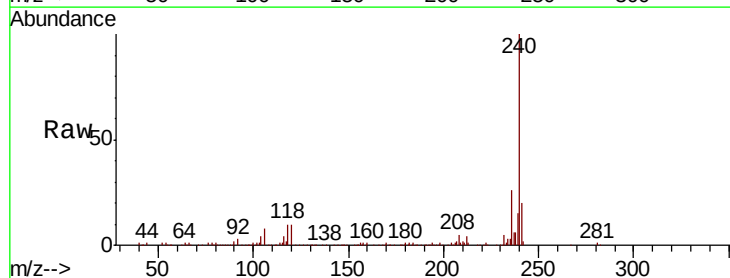
Ion 250.00 (249.70 to 250.70): E

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: BG038022.D
 Acq: 15 Nov 2018 17:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	25.8	21.4	32.0

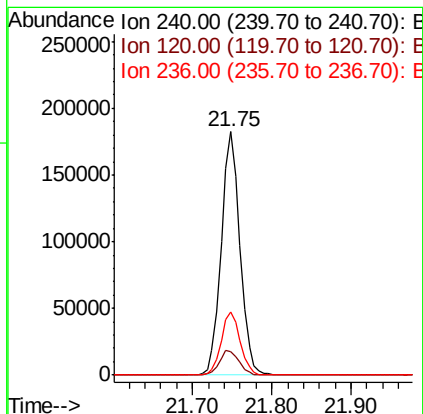
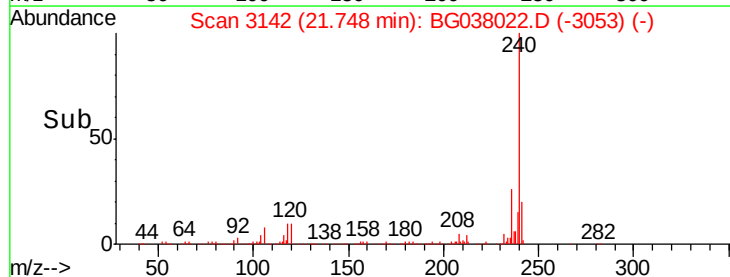


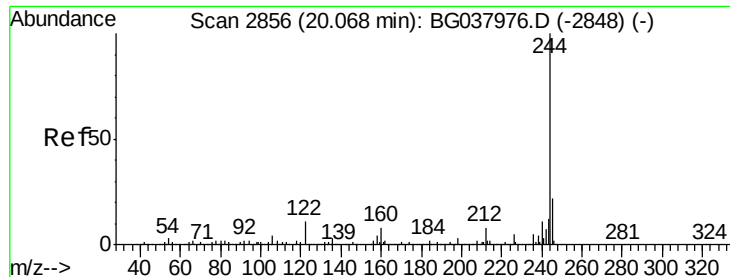
Abundance

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: 91.364 ng

RT: 20.07 min Scan# 2856

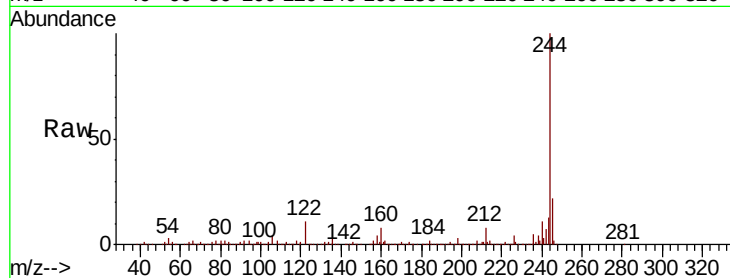
Delta R.T. -0.00 min

Lab File: BG038022.D

Acq: 15 Nov 2018 17:39

Tot Ion:244 Resp: 1153810

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.7	9.0	13.4

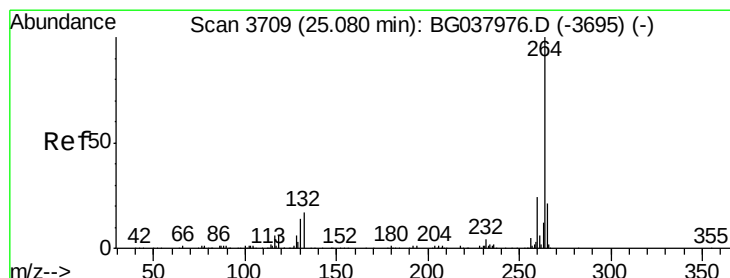
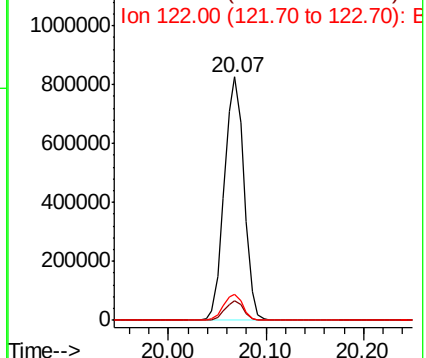
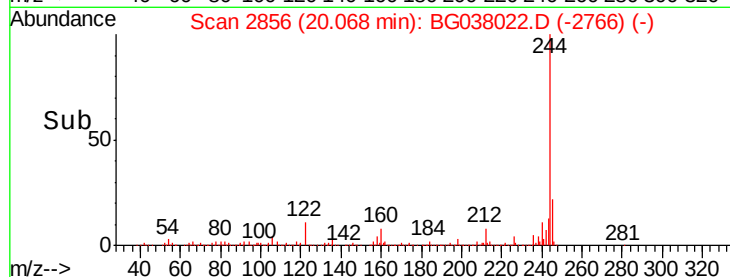


Abundance

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

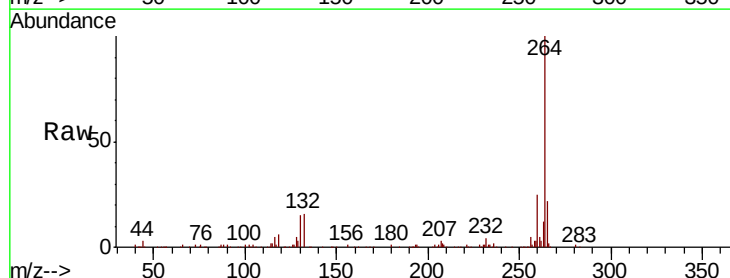
Delta R.T. -0.01 min

Lab File: BG038022.D

Acq: 15 Nov 2018 17:39

Tgt Ion:264 Resp: 296664

Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	21.9	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

