

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111518\
 Data File : BG038017.D
 Acq On : 15 Nov 2018 13:45
 Operator : JU/SJ
 Sample : J5950-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

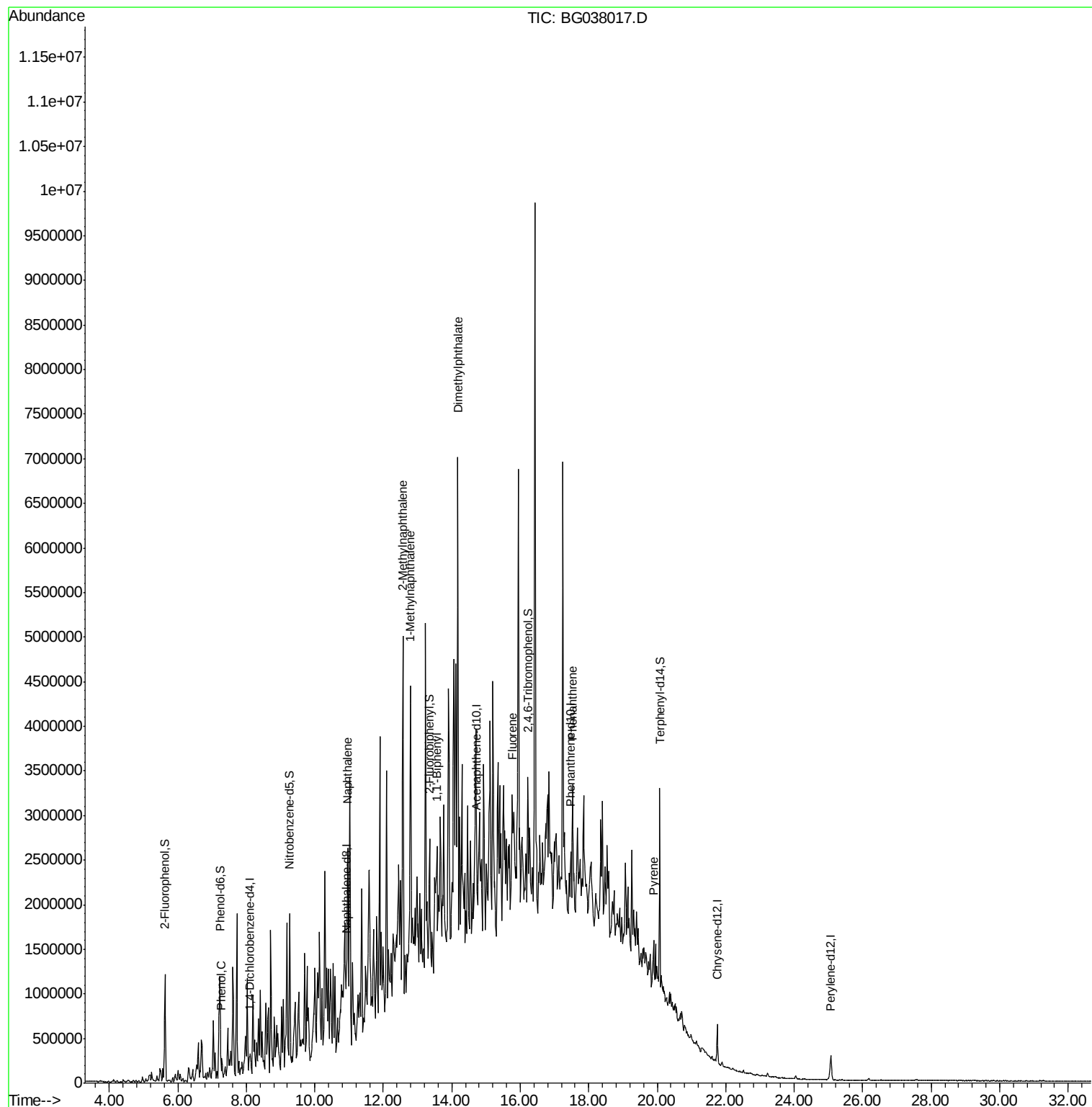
Quant Time: Nov 15 15:53:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

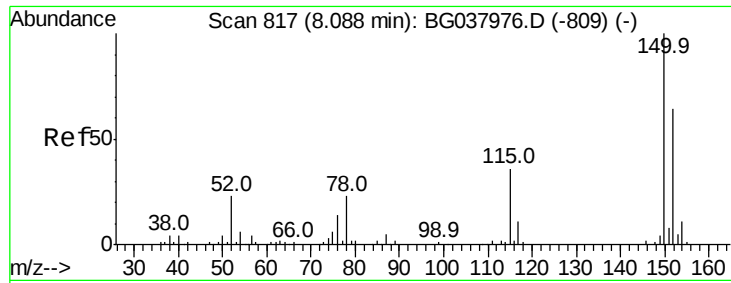
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56402	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	224433	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	147421	20.00	ng	0.01
64) Phenanthrene-d10	17.48	188	242524	20.00	ng	0.01
76) Chrysene-d12	21.75	240	259439	20.00	ng	0.00
87) Perylene-d12	25.07	264	292094	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	483304	147.95	ng	0.00
7) Phenol-d6	7.24	99	673251	144.38	ng	0.00
23) Nitrobenzene-d5	9.27	82	443671	105.82	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	205346	122.14	ng	0.01
45) 2-Fluorobiphenyl	13.35	172	802687	79.32	ng	0.00
79) Terphenyl-d14	20.07	244	993726	90.13	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.26	94	12177	2.465	ng	71
31) Naphthalene	10.97	128	1177783	106.695	ng	95
37) 2-Methylnaphthalene	12.58	142	1981006	249.837	ng	# 92
38) 1-Methylnaphthalene	12.79	142	1245694	163.212	ng	# 98
46) 1,1'-Biphenyl	13.56	154	501398	40.484	ng	97
50) Dimethylphthalate	14.18	163	109496	9.369	ng	# 93
58) Fluorene	15.78	166	280886	26.610	ng	# 88
71) Phenanthrene	17.52	178	779764	62.799	ng	# 95
78) Pyrene	19.89	202	109273	6.442	ng	# 73

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

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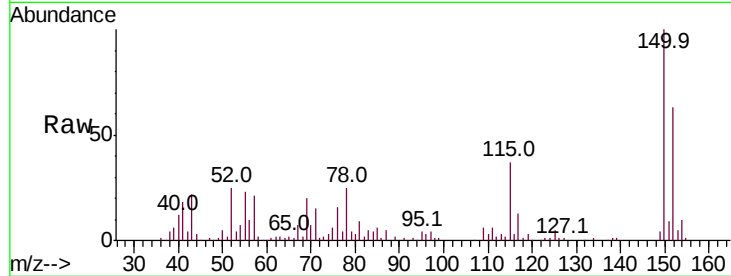




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.0	189.0
115	59.1	45.5	68.3

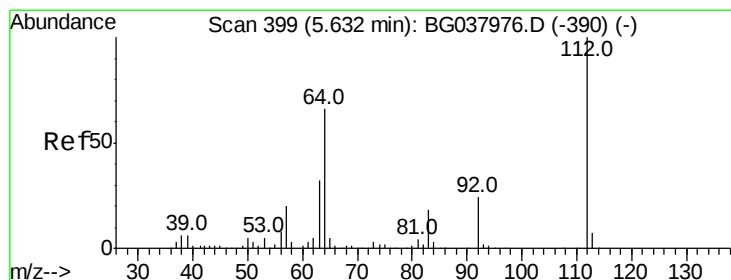
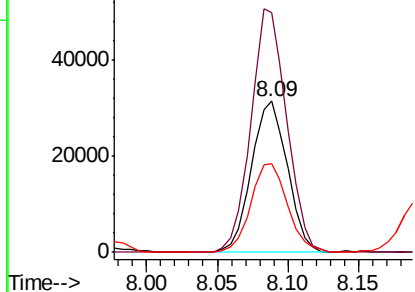
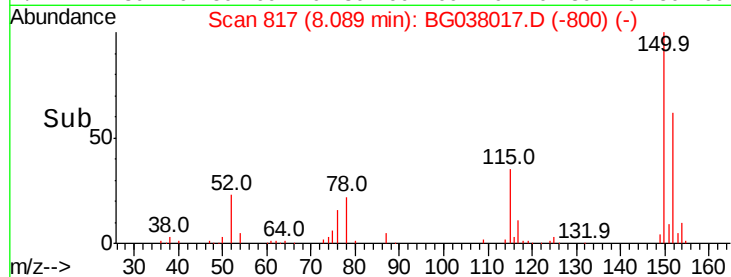


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

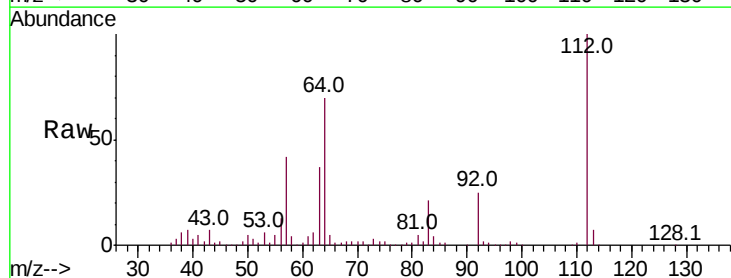
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 147.948 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	53.1	79.7
63	36.7	27.3	40.9

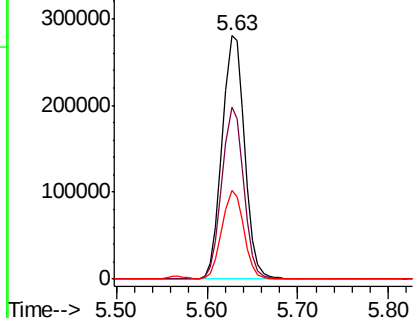
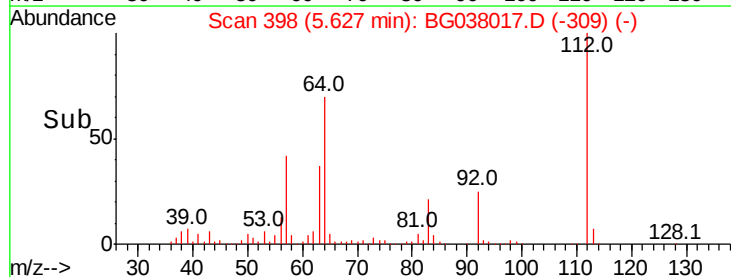


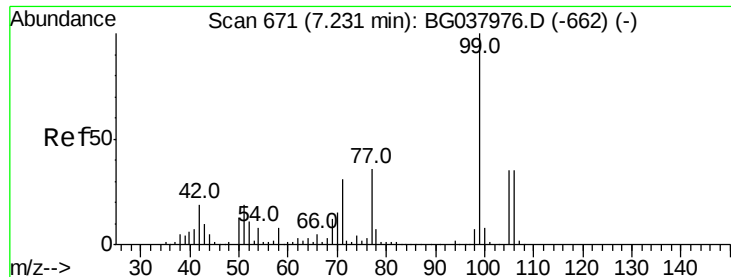
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.380 ng

RT: 7.24 min Scan# 672

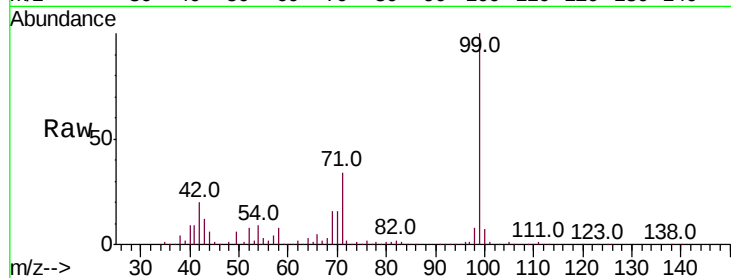
Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tot Ion: 99 Resp: 673251

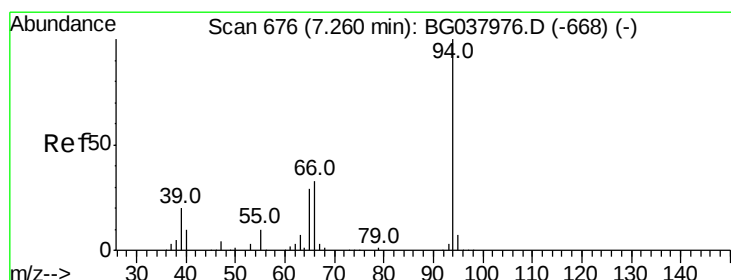
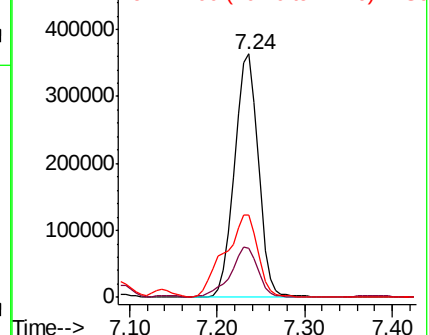
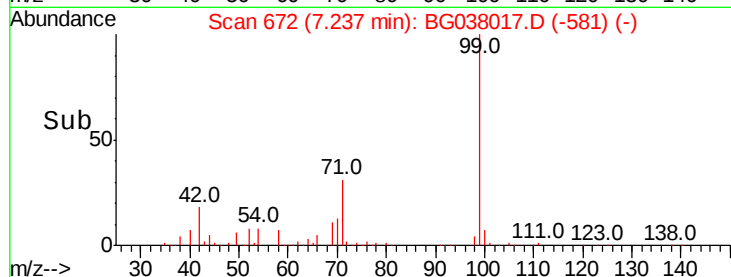
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.0	22.4
71	33.8	25.5	38.3



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: 2.465 ng

RT: 7.26 min Scan# 676

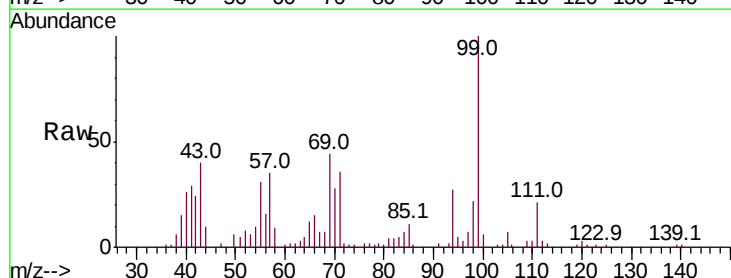
Delta R.T. 0.00 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tgt Ion: 94 Resp: 12177

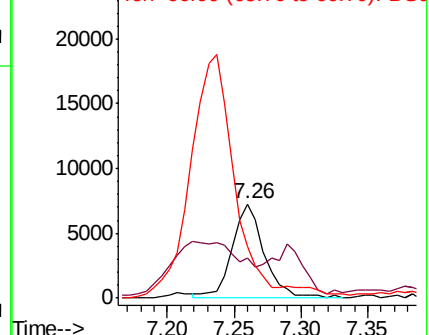
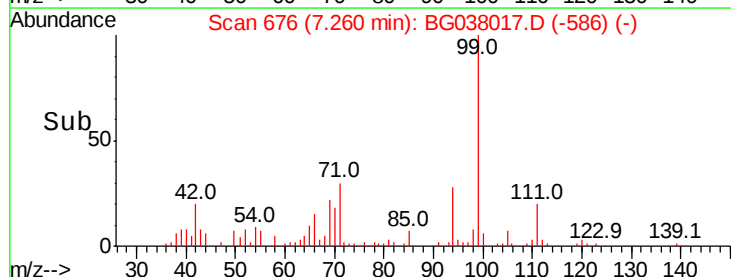
Ion	Ratio	Lower	Upper
94	100		
65	43.0	9.7	49.7
66	55.1	15.9	55.9

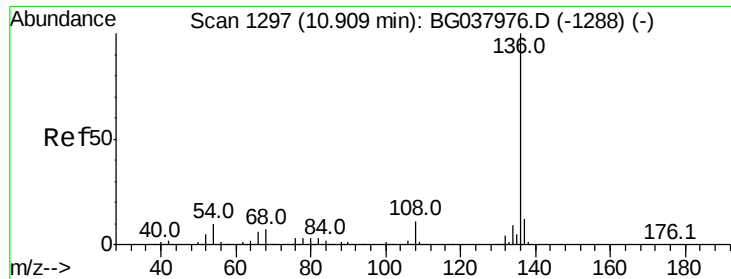


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

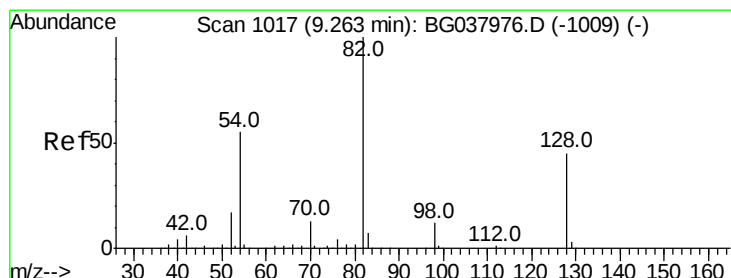
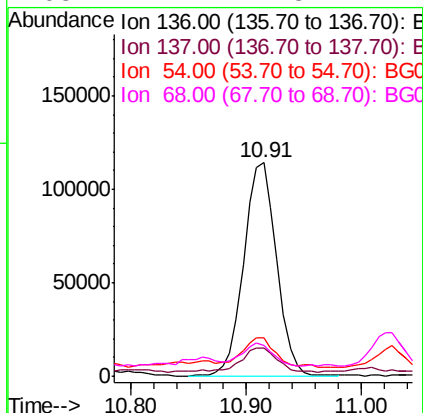
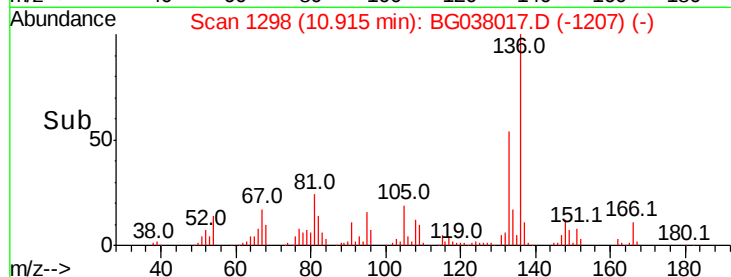
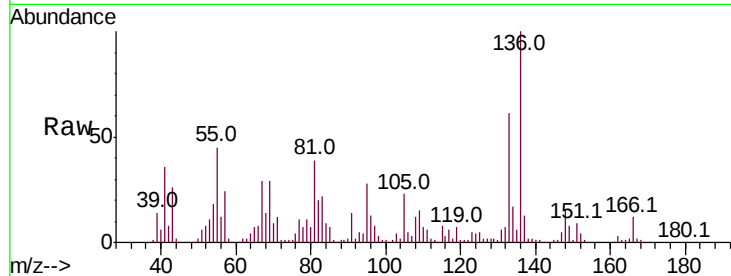
Ion 66.00 (65.70 to 66.70): BGC





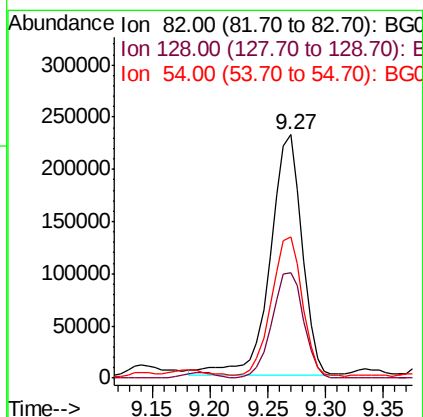
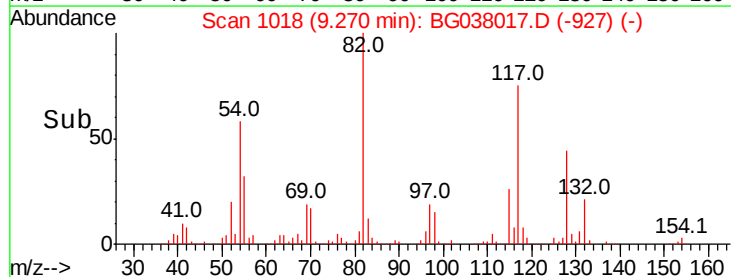
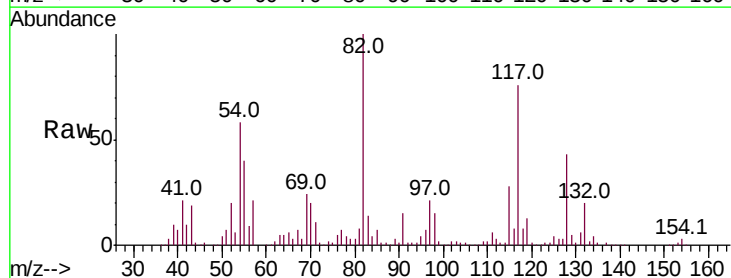
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

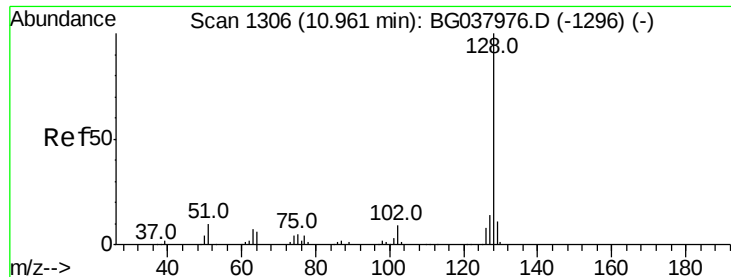
Tot Ion:	136	Resp:	224433
Ion	Ratio	Lower	Upper
136	100		
137	13.0	9.6	14.4
54	17.7	7.9	11.9#
68	14.1	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 105.822 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion:	82	Resp:	443671
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	51.8
54	58.1	45.3	67.9

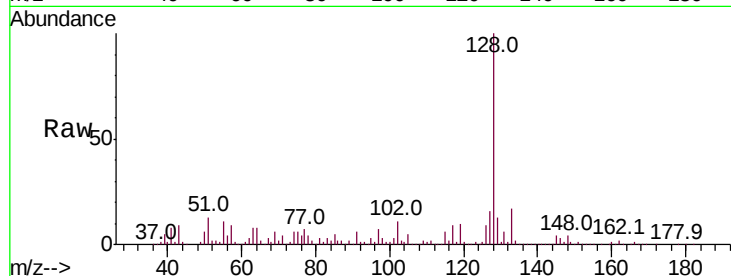




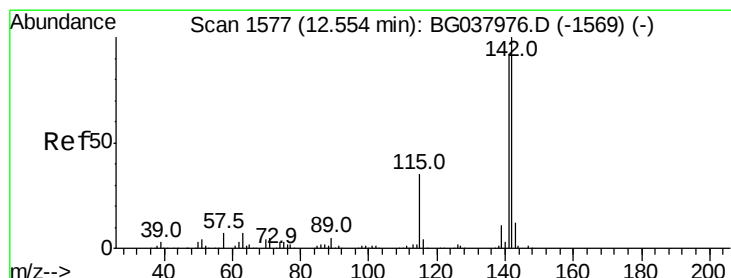
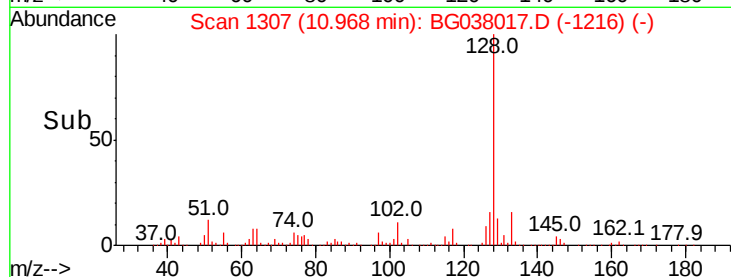
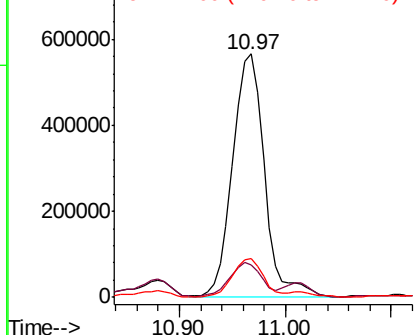
#31
Naphthalene
Concen: 106.695 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tot Ion:128 Resp: 1177783

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.0	13.6
127	15.9	11.1	16.7



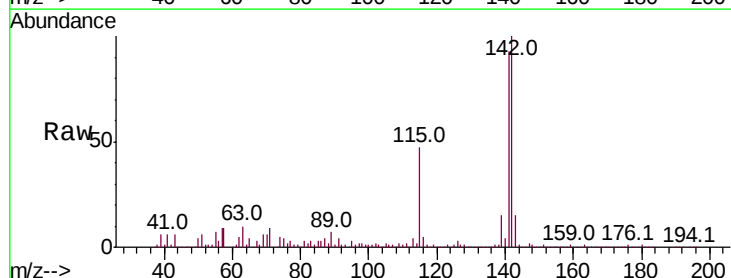
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



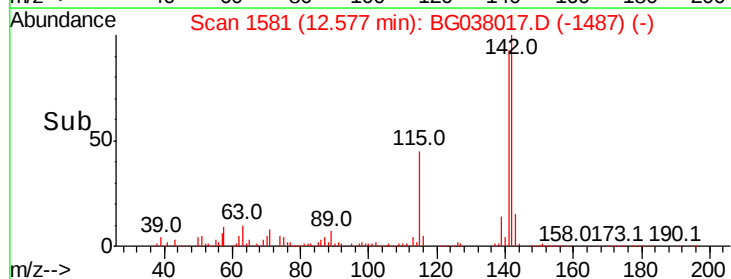
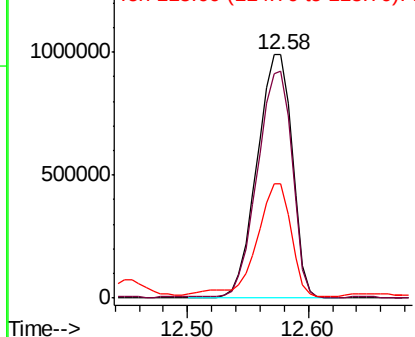
#37
2-Methylnaphthalene
Concen: 249.837 ng
RT: 12.58 min Scan# 1581
Delta R.T. 0.02 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

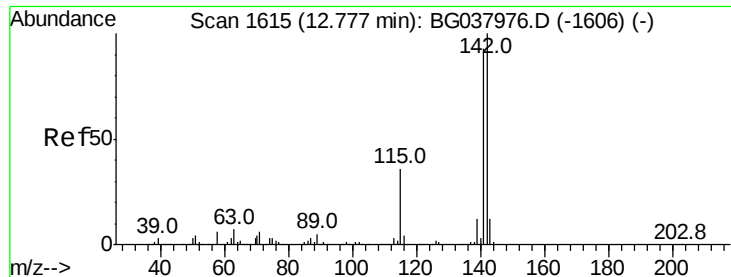
Tgt Ion:142 Resp: 1981006

Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.9	107.9
115	46.7	27.8	41.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 163.212 ng

RT: 12.79 min Scan# 1617

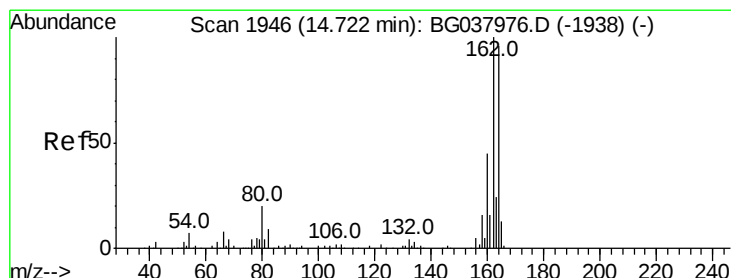
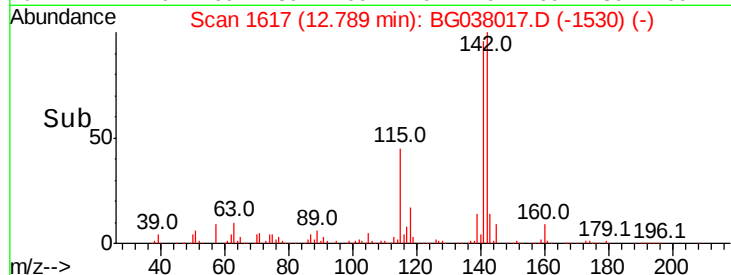
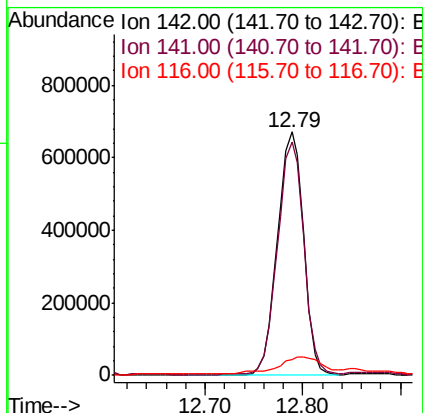
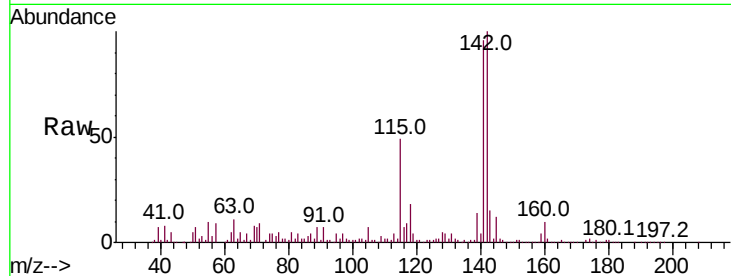
Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tot Ion:142 Resp: 1245694

Ion	Ratio	Lower	Upper
142	100		
141	96.0	75.2	112.8
116	6.6	3.3	4.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1948

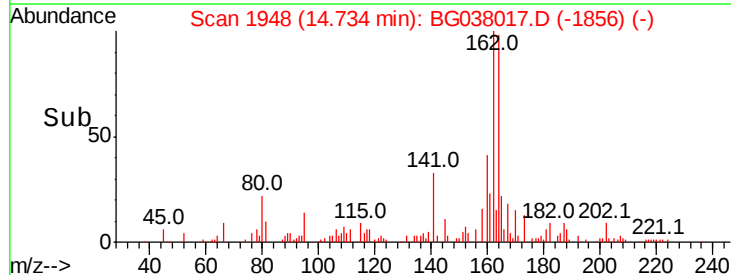
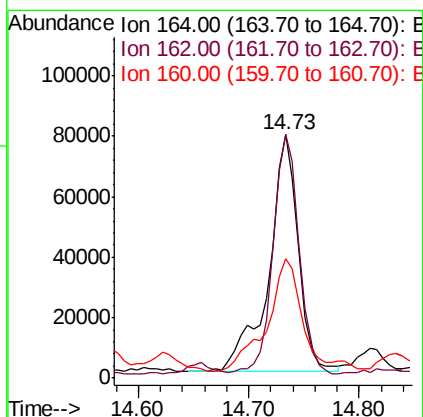
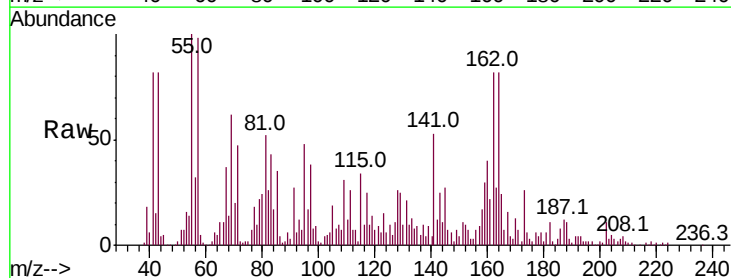
Delta R.T. 0.01 min

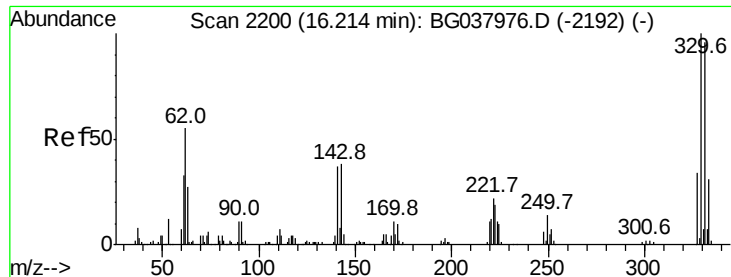
Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tgt Ion:164 Resp: 147421

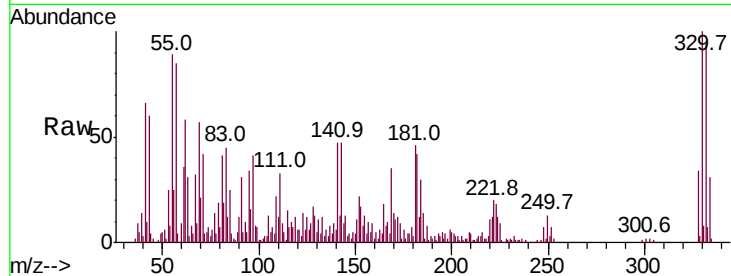
Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.3	121.9
160	48.9	36.3	54.5



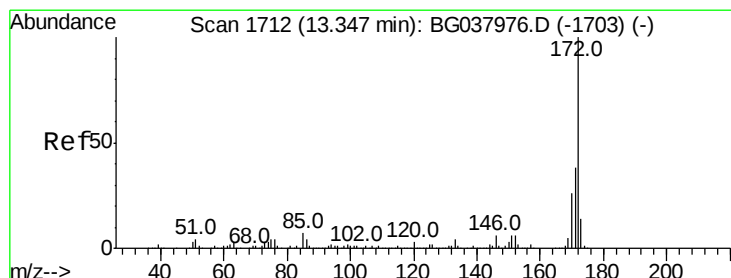
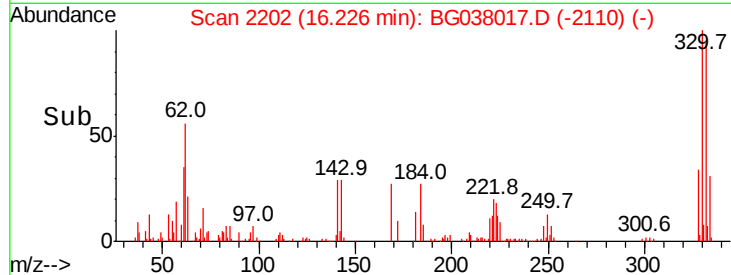
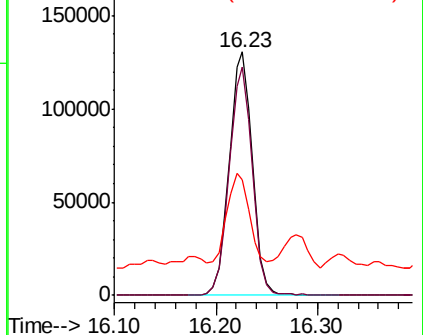


#42
 2,4,6-Tribromophenol
 Concen: 122.135 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	78.4	117.6
141	36.2	32.2	48.2

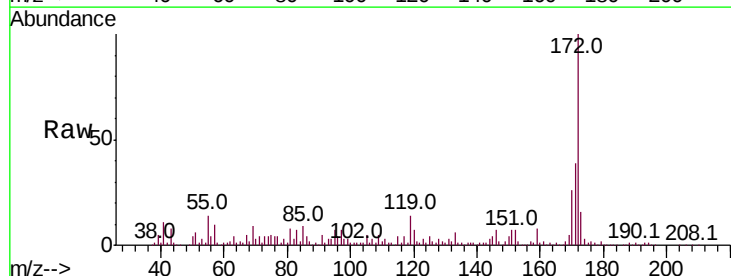


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

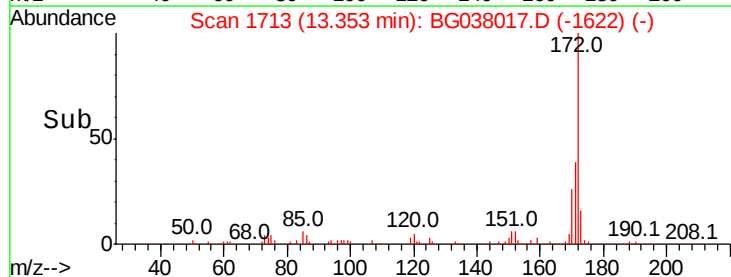
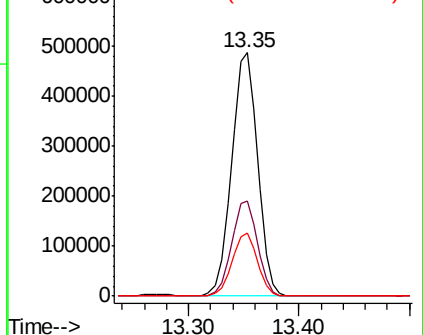


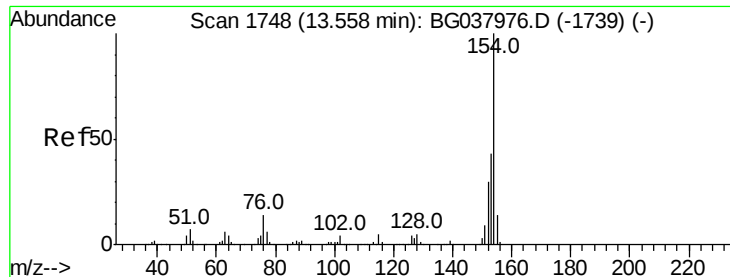
#45
 2-Fluorobiphenyl
 Concen: 79.324 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. 0.01 min
 Lab File: BG038017.D
 Acq: 15 Nov 2018 13:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.0	46.4
170	25.9	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





#46

1,1'-Biphenyl

Concen: 40.484 ng

RT: 13.56 min Scan# 1749

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

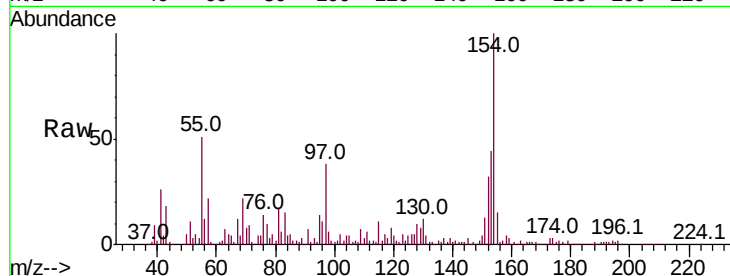
Tot Ion:154 Resp: 501398

Ion Ratio Lower Upper

154 100

153 44.2 22.1 62.1

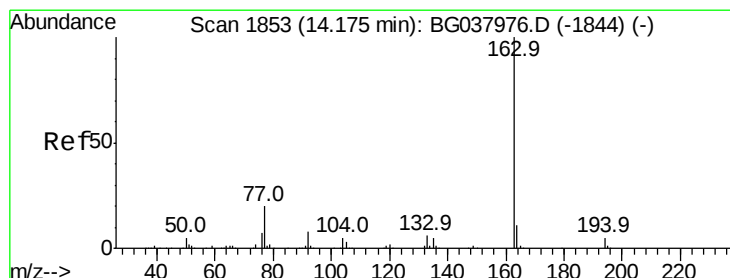
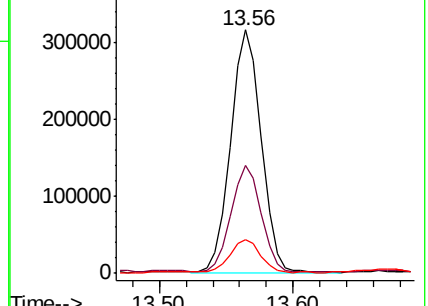
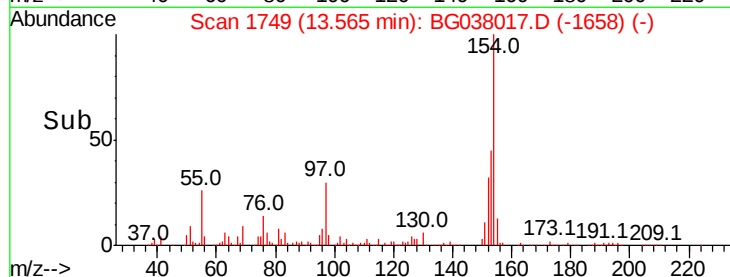
76 13.9 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#50

Dimethylphthalate

Concen: 9.369 ng

RT: 14.18 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

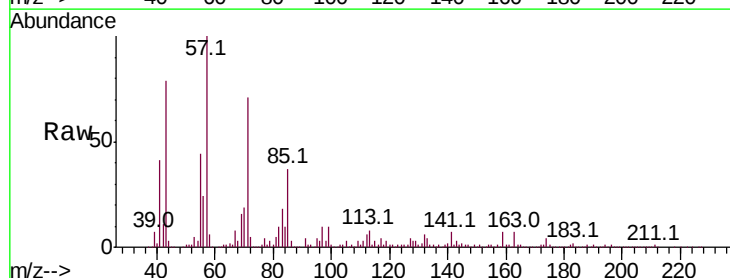
Tgt Ion:163 Resp: 109496

Ion Ratio Lower Upper

163 100

194 8.1 3.5 5.3#

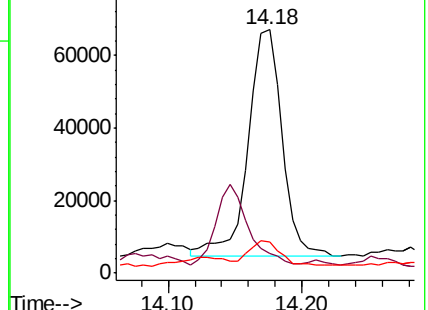
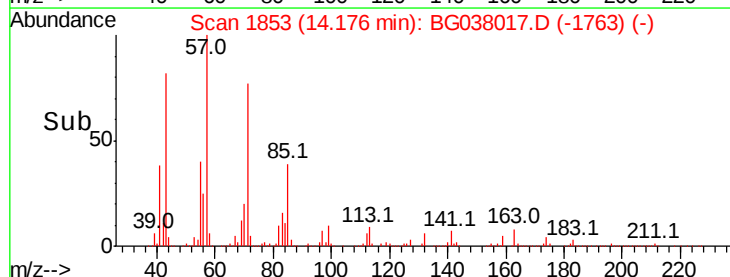
164 12.8 8.5 12.7#

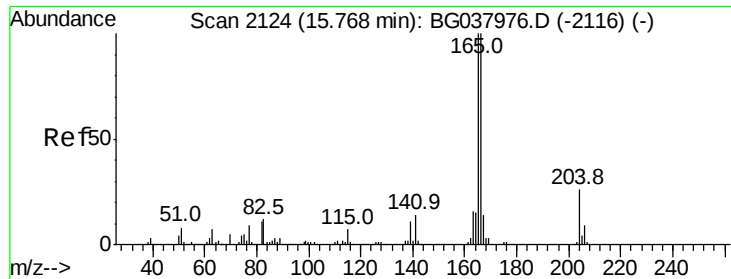


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#58

Fluorene

Concen: 26.610 ng

RT: 15.78 min Scan# 2126

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

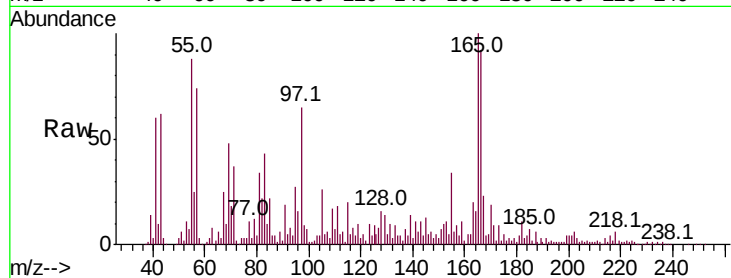
Tot Ion:166 Resp: 280886

Ion Ratio Lower Upper

166 100

165 108.1 79.0 118.6

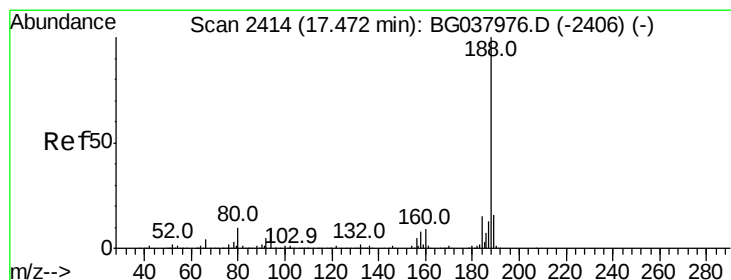
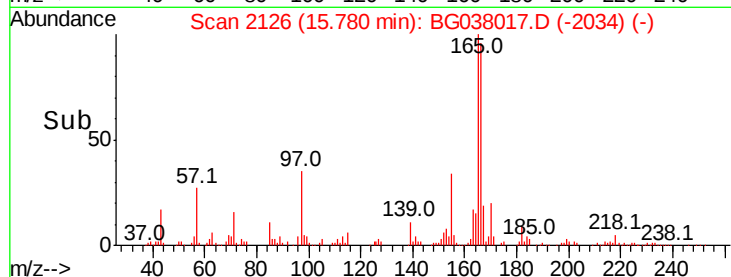
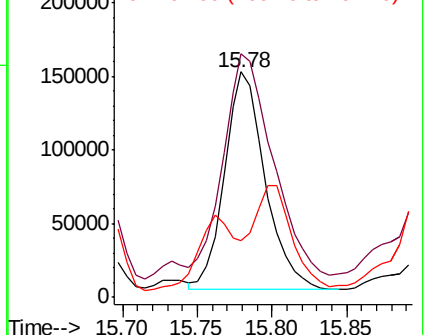
167 25.2 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

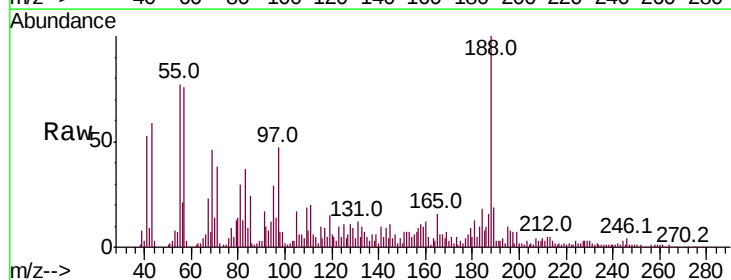
Tgt Ion:188 Resp: 242524

Ion Ratio Lower Upper

188 100

94 12.3 7.2 10.8#

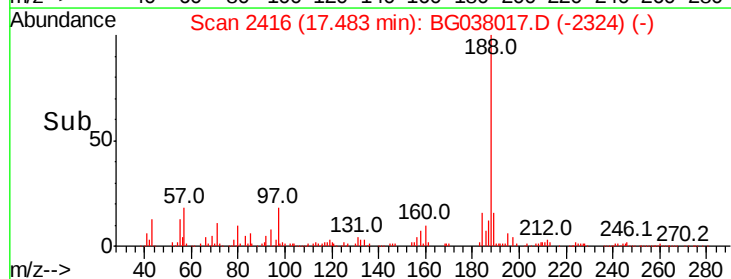
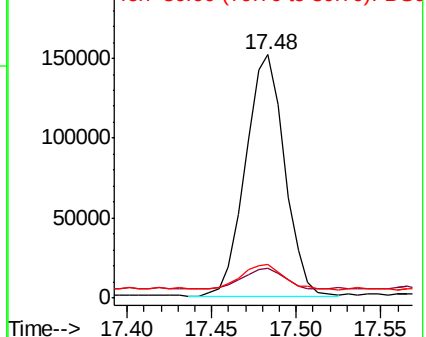
80 13.6 7.7 11.5#

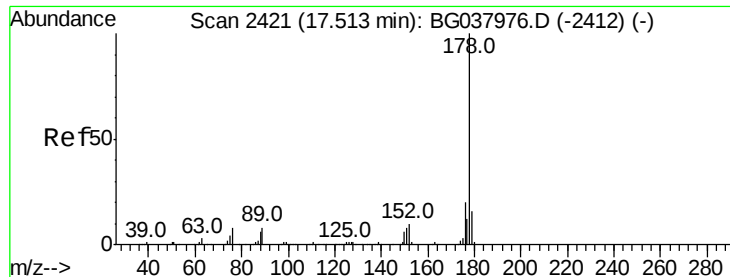


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#71

Phenanthrene

Concen: 62.799 ng

RT: 17.52 min Scan# 2423

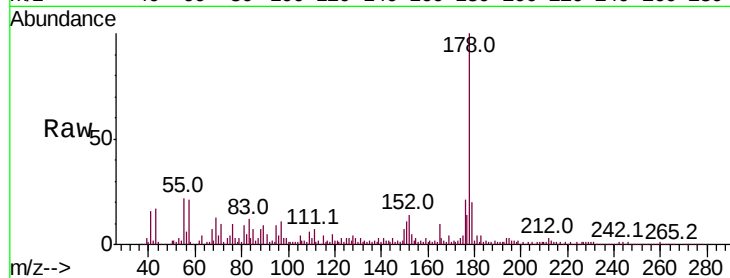
Delta R.T. 0.01 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tot Ion:178 Resp: 779764

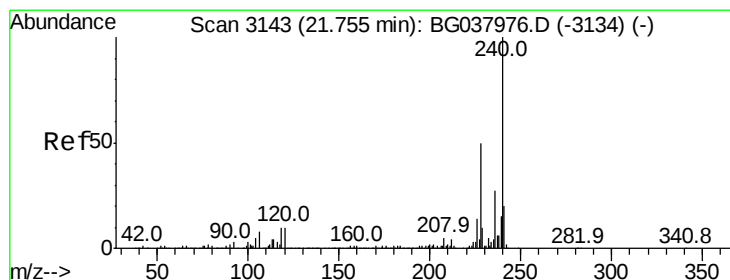
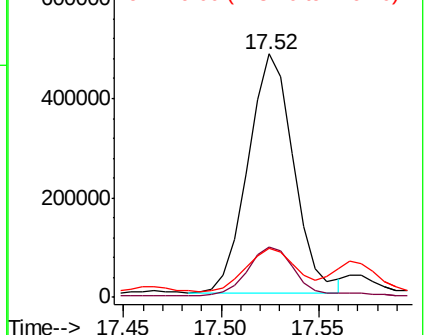
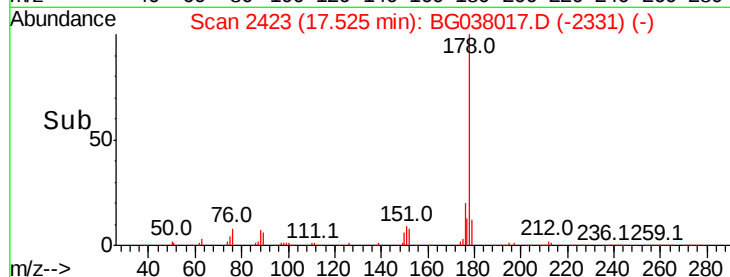
Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.1	24.1
179	20.1	13.0	19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

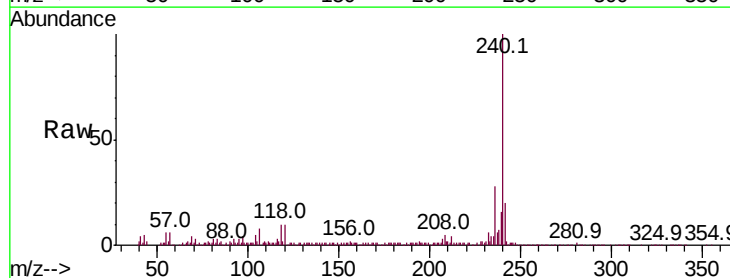
Delta R.T. 0.00 min

Lab File: BG038017.D

Acq: 15 Nov 2018 13:45

Tgt Ion:240 Resp: 259439

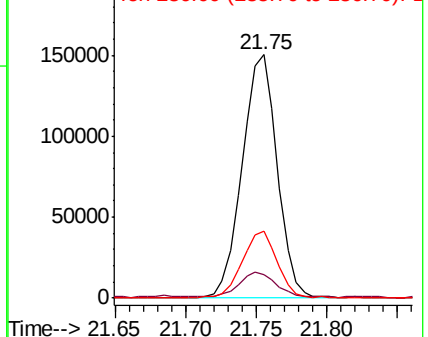
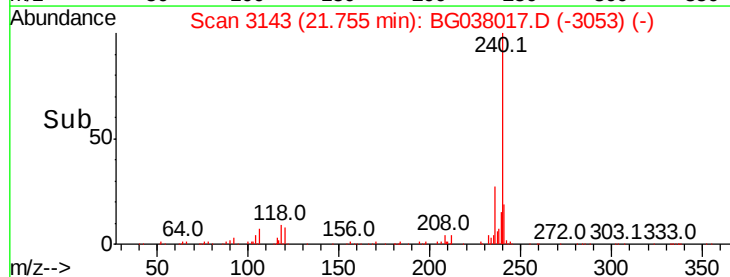
Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.1	12.1
236	27.6	21.4	32.0

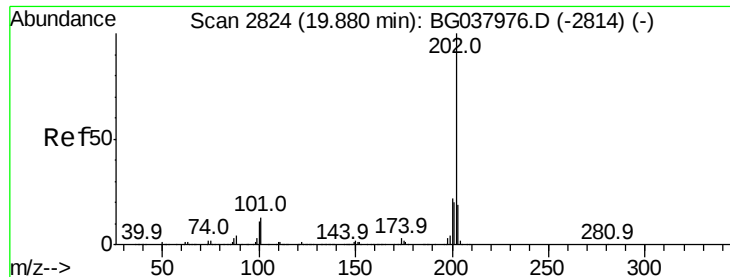


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

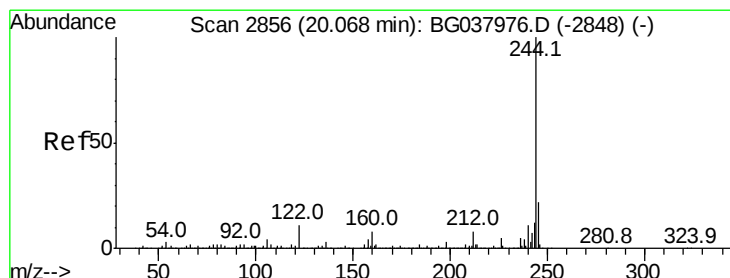
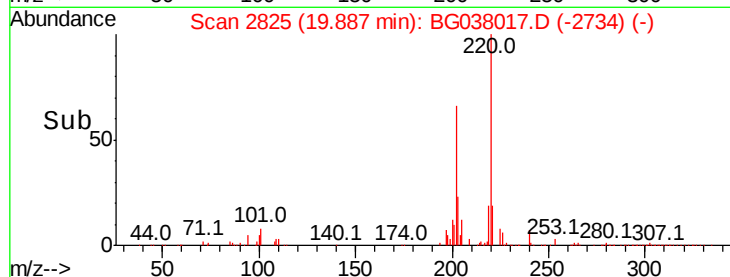
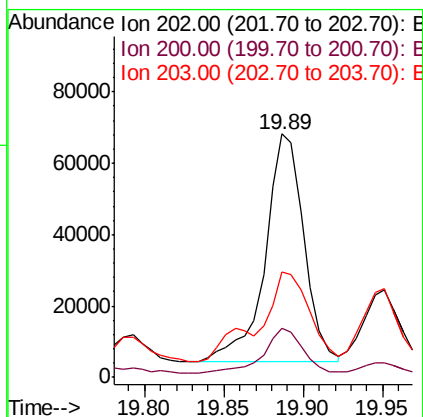
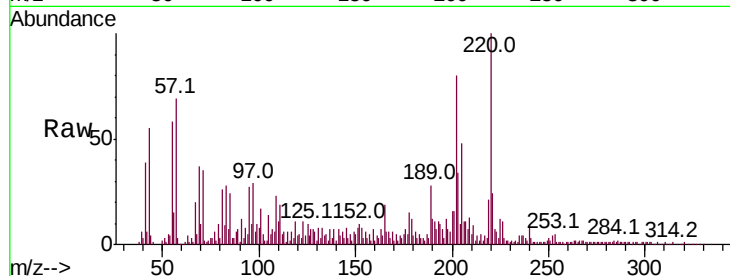
Ion 236.00 (235.70 to 236.70): E





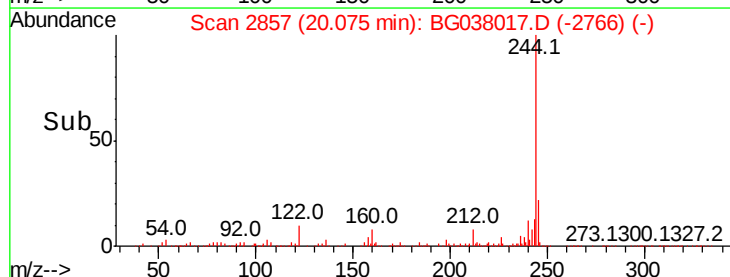
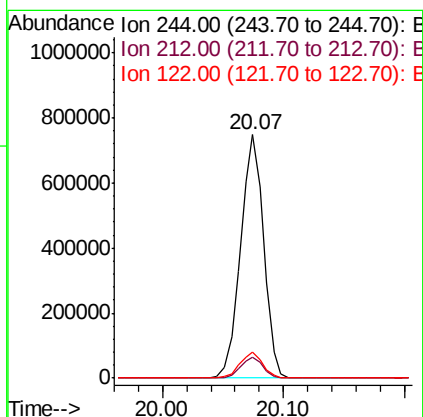
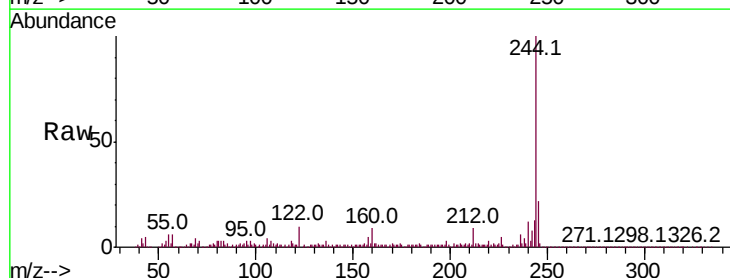
#78
Pvrene
Concen: 6.442 ng
RT: 19.89 min Scan# 2825
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

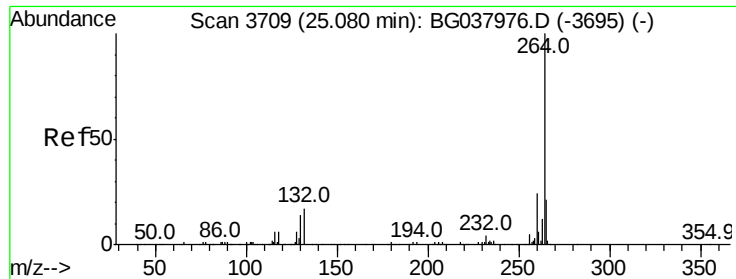
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	43.0	15.2	22.8



#79
Terphenyl-d14
Concen: 90.127 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BG038017.D
Acq: 15 Nov 2018 13:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	10.4	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: BG038017.D
 Acq: 15 Nov 2018 13:45

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.3	17.9	26.9

