

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038517.D
 Acq On : 13 Dec 2018 3:18
 Operator : JU/SJ
 Sample : J6186-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DW-2

Quant Time: Dec 13 06:13:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18386	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	74101	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	50336	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	137389	20.00	ng	0.00
76) Chrysene-d12	21.72	240	154342	20.00	ng	0.00
87) Perylene-d12	25.01	264	161863	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	127364	122.86	ng	0.00
7) Phenol-d6	7.21	99	172221	121.02	ng	0.00
23) Nitrobenzene-d5	9.23	82	112259	77.39	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	83308	120.09	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	241550	65.83	ng	0.00
79) Terphenyl-d14	20.04	244	515518	72.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	112	0.232	ng	# 6
4) n-Nitrosodimethylamine	3.81	42	63	0.097	ng	# 1
6) Aniline	7.24	93	118	0.065	ng	# 1
9) Benzaldehyde	7.20	77	255	0.276	ng	# 3
10) Phenol	7.24	94	10513	6.954	ng	# 94
11) bis(2-Chloroethyl)ether	7.58	93	62	0.052	ng	# 1
15) Benzyl Alcohol	8.38	79	1682	1.514	ng	# 47
19) n-Nitroso-di-n-propylamine	9.24	70	14559	14.566	ng	# 65
24) Nitrobenzene	9.23	77	233	0.159	ng	# 39
25) Isophorone	9.35	82	277	0.106	ng	# 64
46) 1,1'-Biphenyl	13.53	154	213	0.050	ng	# 41
48) 2-Nitroaniline	13.32	65	298	0.287	ng	# 1
49) Acenaphthylene	14.76	152	64	0.013	ng	# 1
50) Dimethylphthalate	14.15	163	16966	4.127	ng	# 92
51) 2,6-Dinitrotoluene	14.69	165	6313	6.777	ng	# 19
52) Acenaphthene	14.76	154	248	0.085	ng	# 89
55) Dibenzofuran	15.10	168	455	0.091	ng	# 43
56) 4-Nitrophenol	15.11	139	79	0.110	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	6313	4.812	ng	# 21
58) Fluorene	15.75	166	386	0.104	ng	# 72
63) Azobenzene	16.18	77	329	0.087	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.18	198	180	0.184	ng	# 63
66) n-Nitrosodiphenylamine	16.18	169	2971	0.736	ng	# 44
67) 4-Bromophenyl-phenylether	16.18	248	5954	3.548	ng	# 1
71) Phenanthrene	17.49	178	2426	0.341	ng	# 88
72) Anthracene	17.58	178	307	0.044	ng	# 60
73) Carbazole	17.88	167	74	0.011	ng	# 59
75) Fluoranthene	19.50	202	2337	0.265	ng	# 92
77) Benzidine	20.04	184	8619	1.888	ng	# 96
78) Pyrene	19.86	202	1927	0.189	ng	# 97
80) Butylbenzylphthalate	20.90	149	58	0.015	ng	# 25
81) Benzo(a)anthracene	21.72	228	1561	0.166	ng	# 51
83) Chrysene	21.77	228	662	0.073	ng	# 81
84) Bis(2-ethylhexyl)phthalate	21.57	149	804	0.142	ng	# 53

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

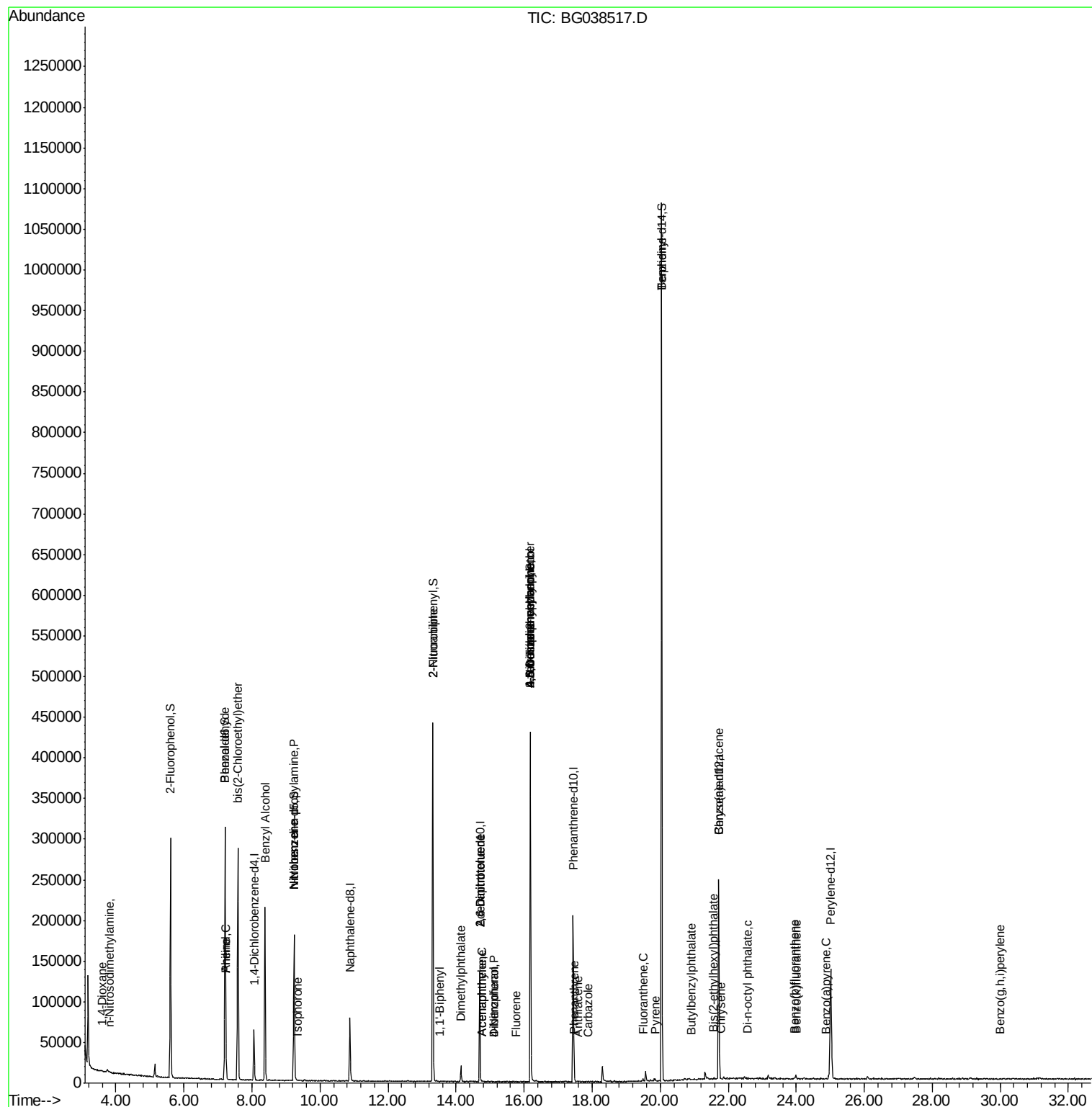
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Di-n-octyl phthalate	22.58	149	54	0.006	ng	# 73
88) Benzo(b)fluoranthene	23.95	252	524	0.059	ng	# 59
89) Benzo(k)fluoranthene	24.02	252	103	0.012	ng	# 41
90) Benzo(a)pyrene	24.86	252	633	0.074	ng	# 60
92) Benzo(g,h,i)perylene	30.00	276	77	0.009	ng	# 56

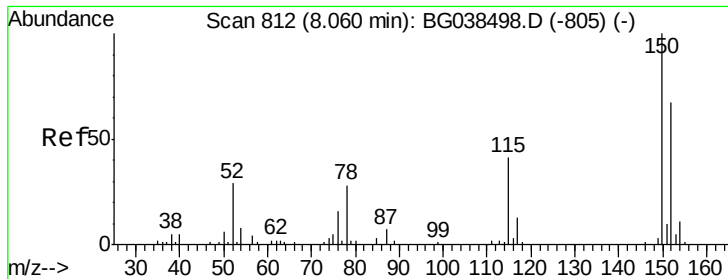
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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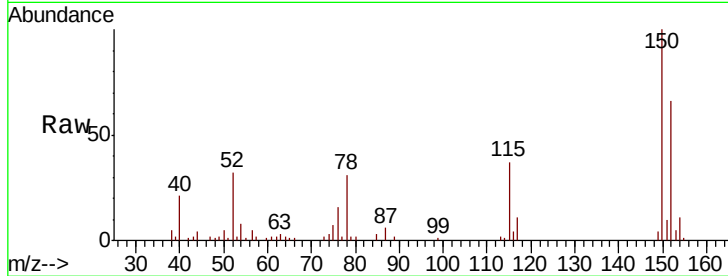


#1

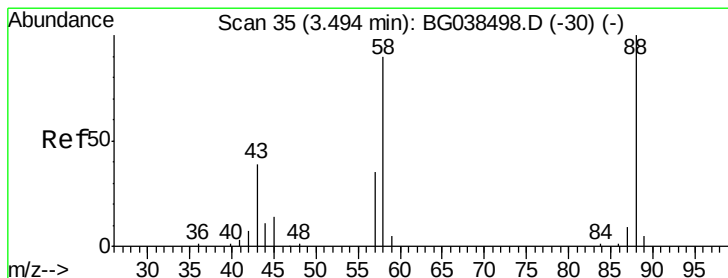
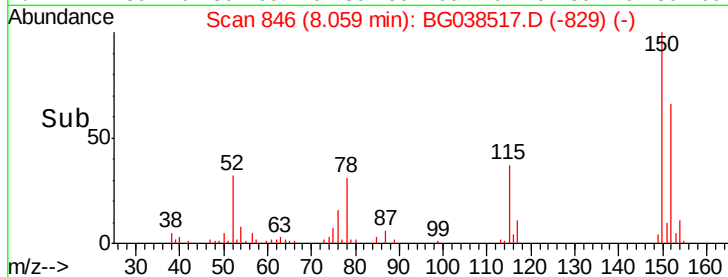
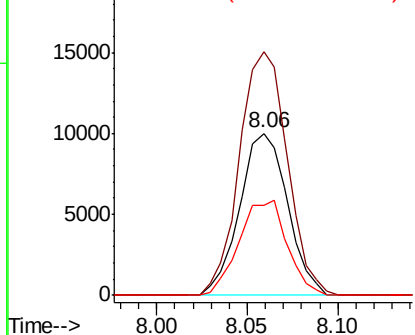
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Instrument :
BNA_G
ClientSampleId :
DW-2

Tgt Ion:152 Resp: 18386
Ion Ratio Lower Upper
152 100
150 150.4 119.5 179.3
115 55.3 49.6 74.4



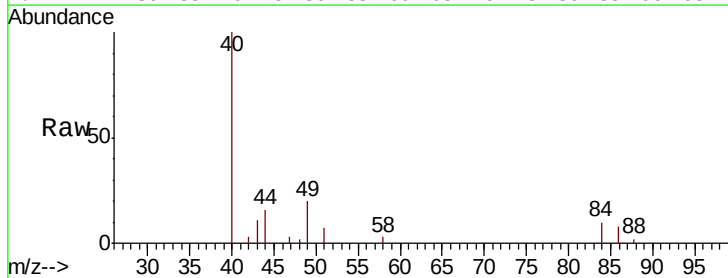
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



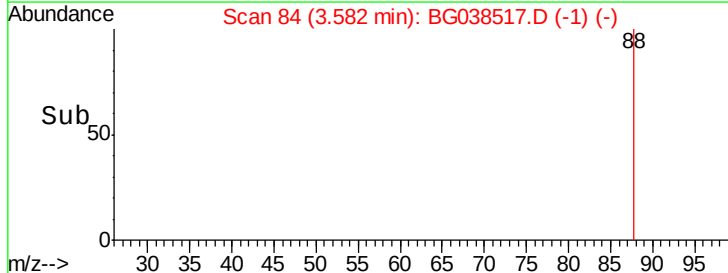
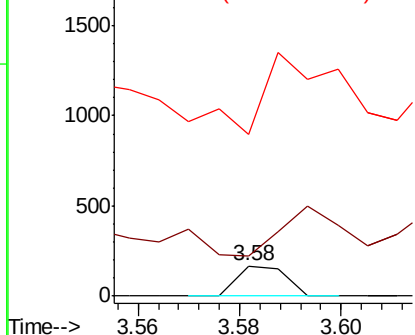
#2

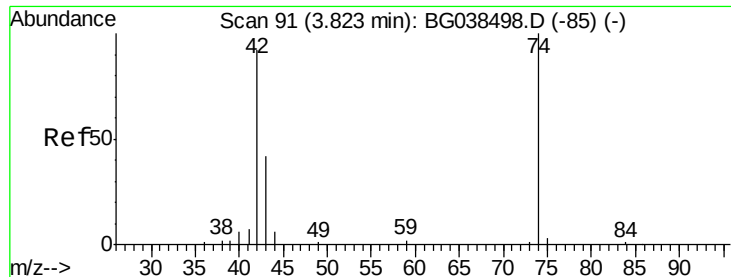
1,4-Dioxane
Concen: 0.232 ng
RT: 3.58 min Scan# 84
Delta R.T. 0.09 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Tgt Ion: 88 Resp: 112
Ion Ratio Lower Upper
88 100
58 198.2 75.7 113.5#
43 0.0 31.6 47.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.097 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampleId :

DW-2

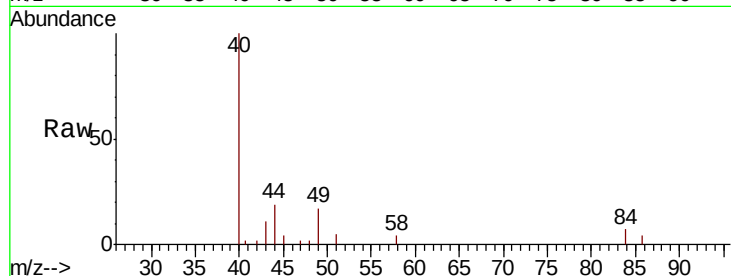
Tgt Ion: 42 Resp: 63

Ion Ratio Lower Upper

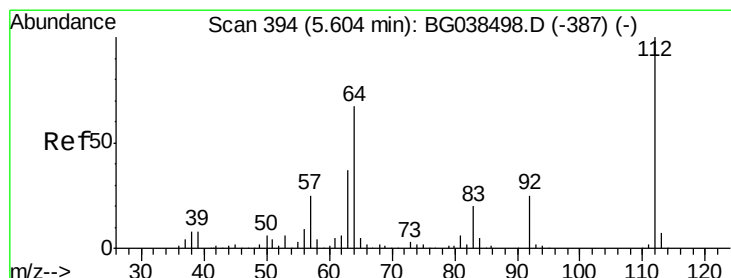
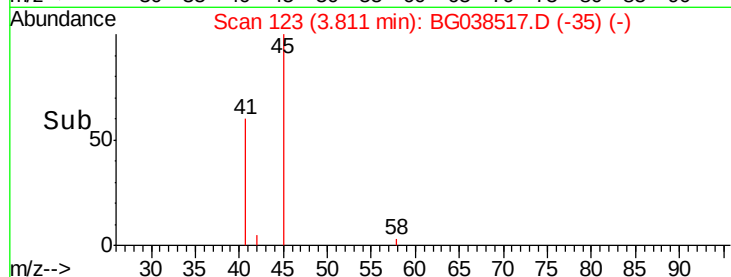
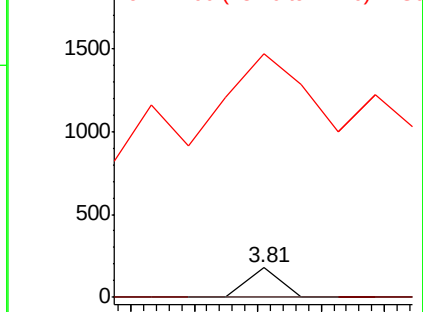
42 100

74 0.0 86.7 130.1#

44 819.6 7.8 11.8#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 122.865 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

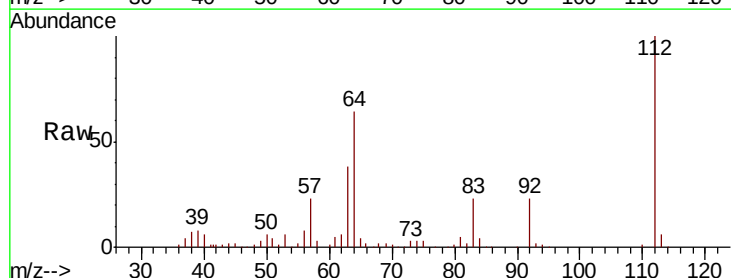
Tgt Ion: 112 Resp: 127364

Ion Ratio Lower Upper

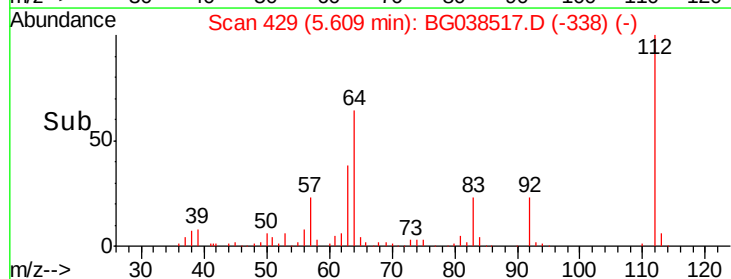
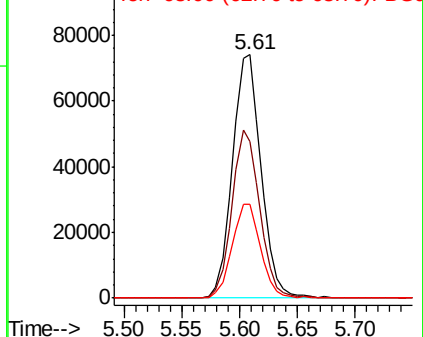
112 100

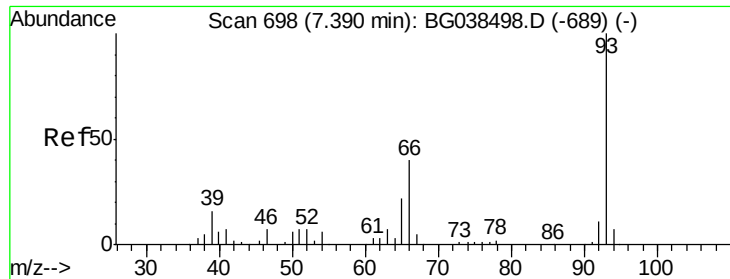
64 64.4 53.4 80.2

63 38.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.065 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.15 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampleId :

DW-2

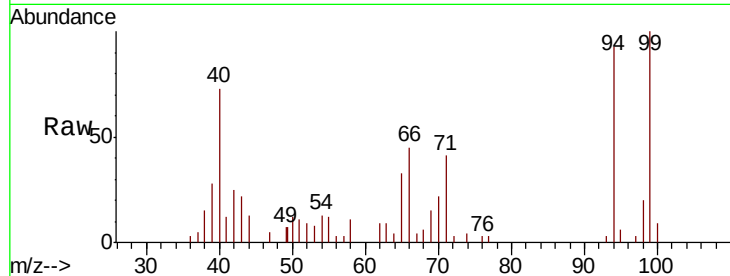
Tgt Ion: 93 Resp: 118

Ion Ratio Lower Upper

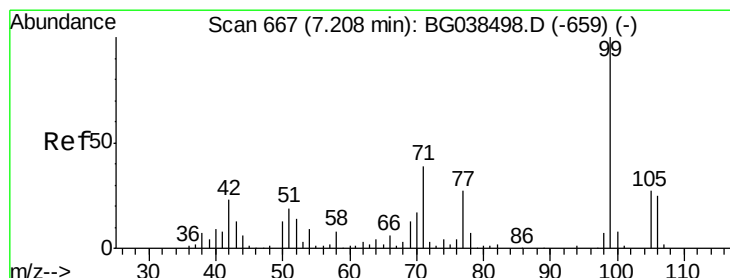
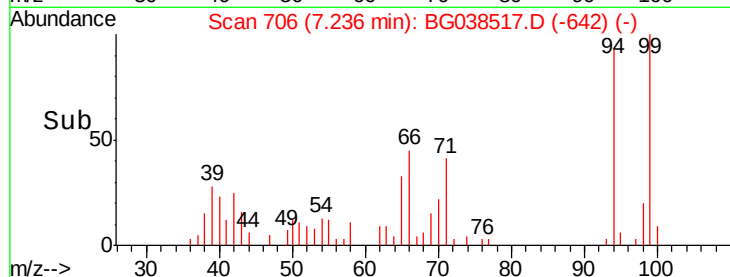
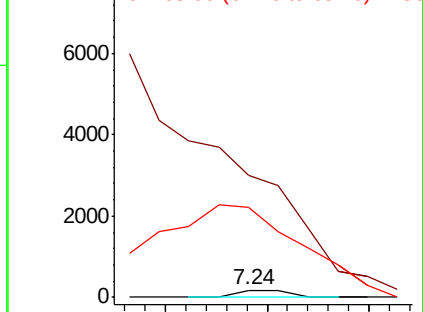
93 100

66 1652.5 31.7 47.5#

65 1216.6 17.8 26.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 121.020 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

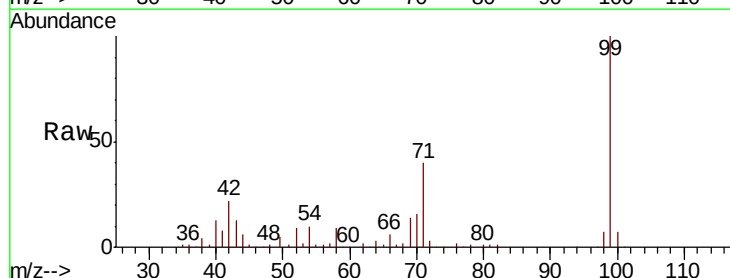
Tgt Ion: 99 Resp: 172221

Ion Ratio Lower Upper

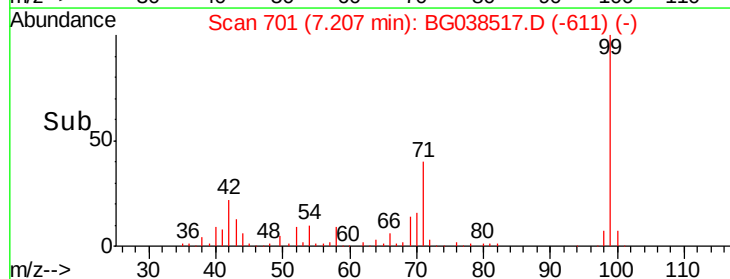
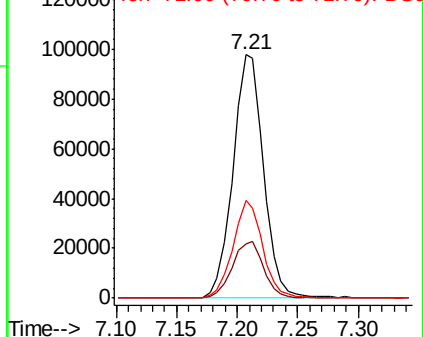
99 100

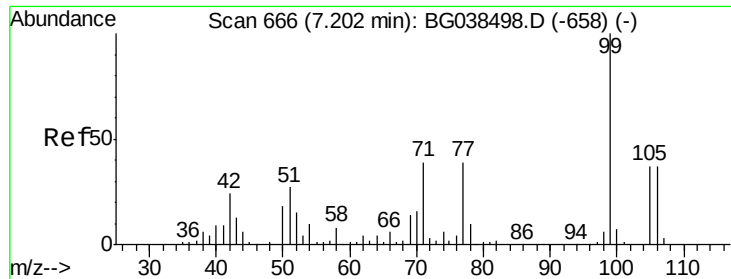
42 22.3 18.5 27.7

71 40.2 31.1 46.7



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





#9

Benzaldehyde

Concen: 0.276 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampleId :

DW-2

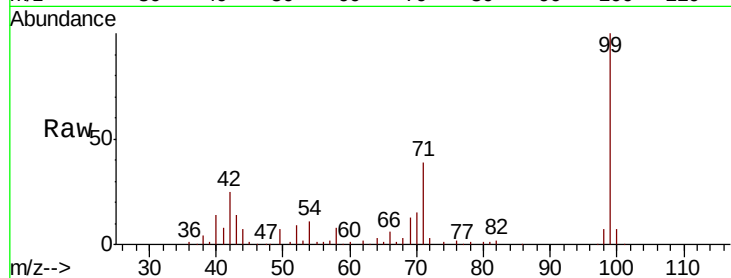
Tgt Ion: 77 Resp: 255

Ion Ratio Lower Upper

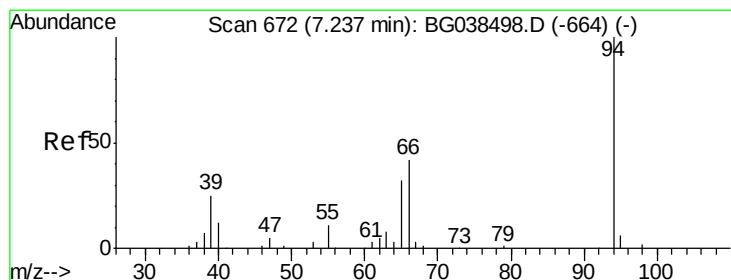
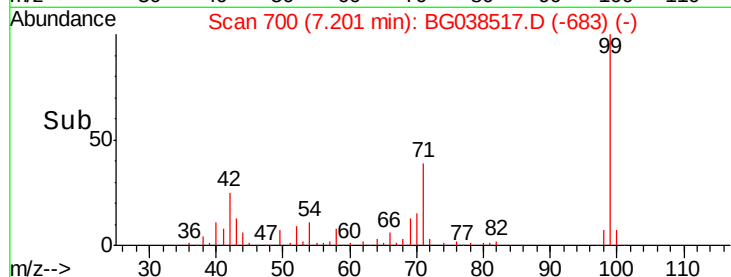
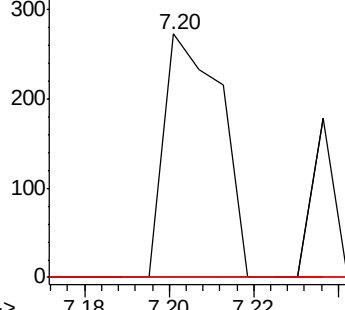
77 100

105 0.0 74.0 114.0#

106 0.0 73.9 113.9#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 6.954 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

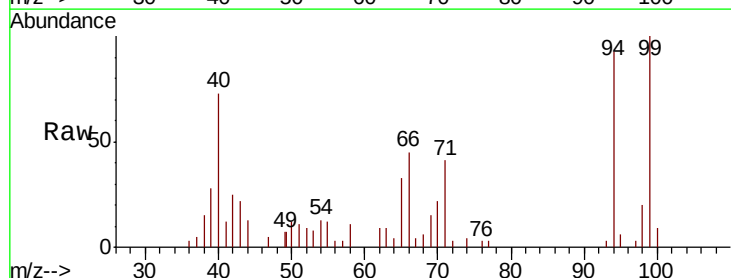
Tgt Ion: 94 Resp: 10513

Ion Ratio Lower Upper

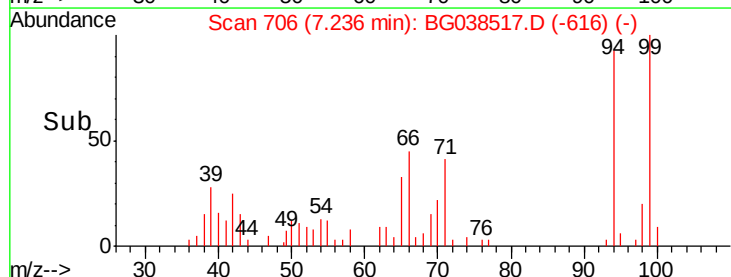
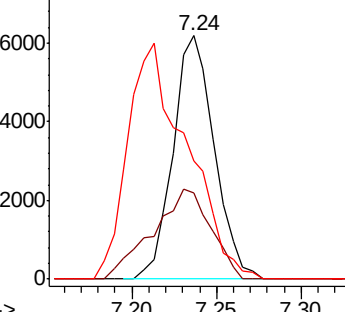
94 100

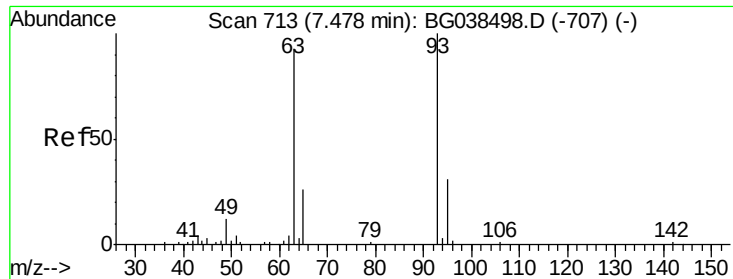
65 35.6 12.6 52.6

66 48.3 24.1 64.1



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

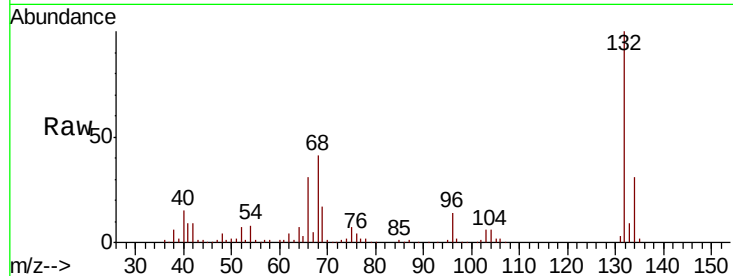




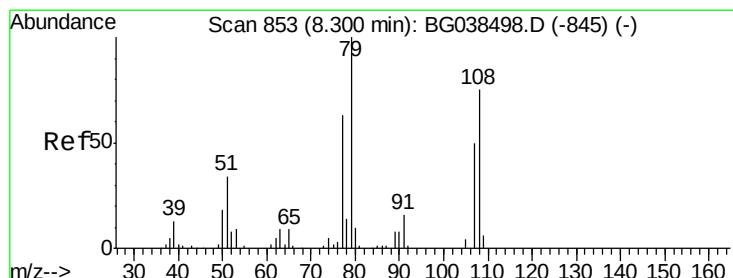
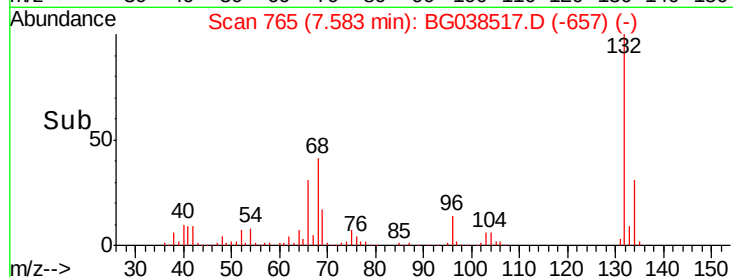
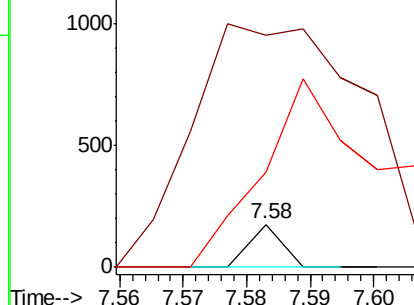
#11
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 7.58 min Scan# 765
Delta R.T. 0.11 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Instrument :
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ClientSampleId :
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Tgt Ion: 93 Resp: 62
Ion Ratio Lower Upper
93 100
63 536.2 72.2 112.2#
95 221.5 11.2 51.2#

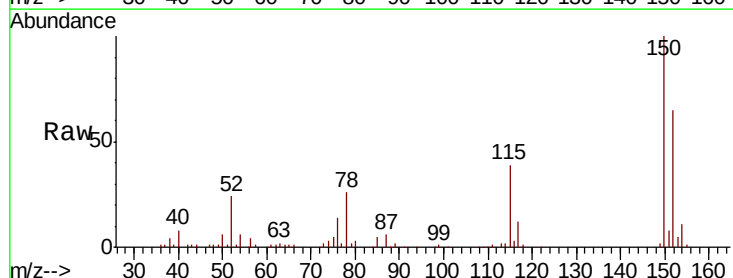


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

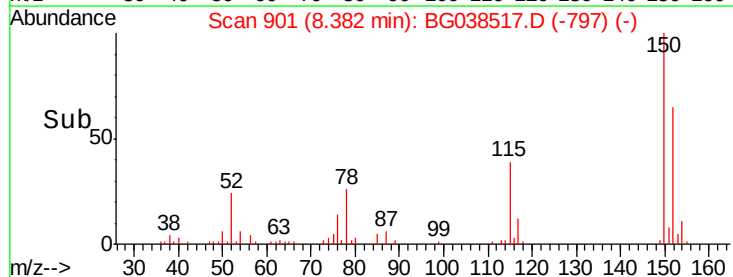
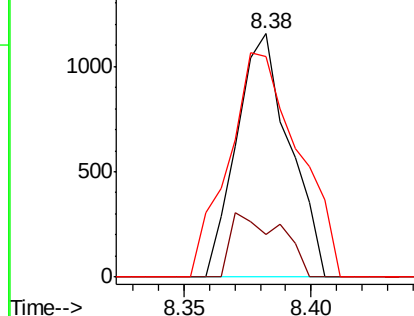


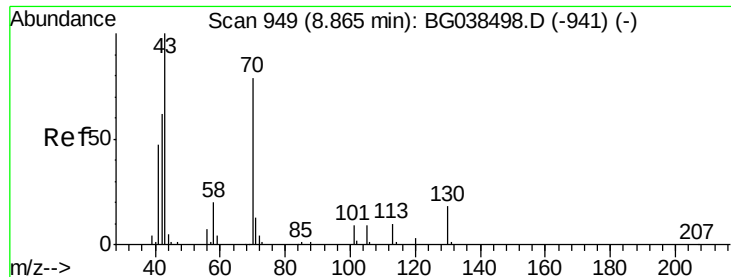
#15
Benzyl Alcohol
Concen: 1.514 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Tgt Ion: 79 Resp: 1682
Ion Ratio Lower Upper
79 100
108 17.5 60.2 90.4#
77 90.4 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

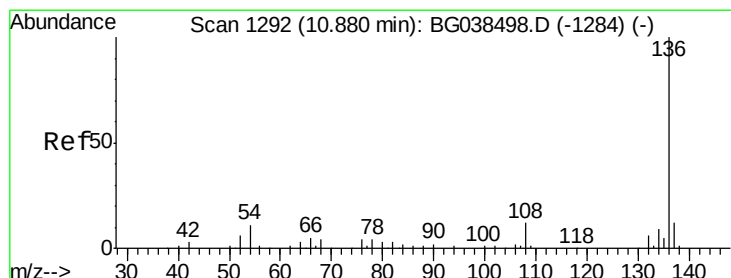
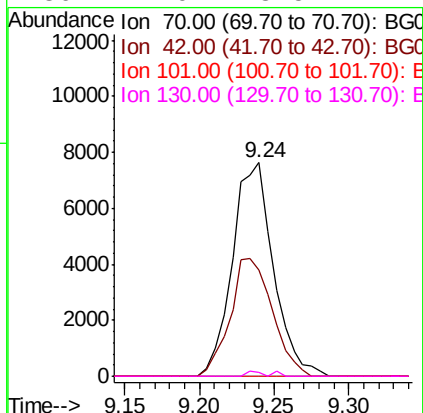
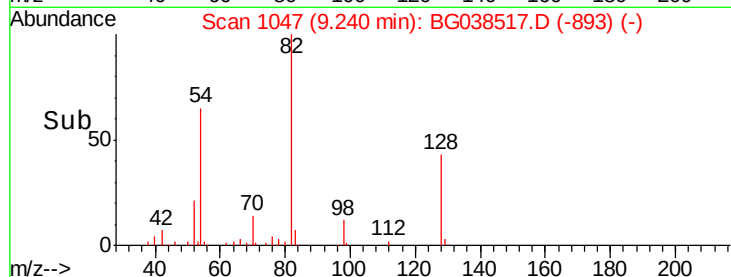
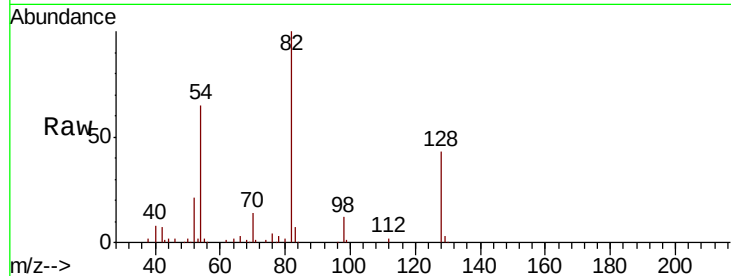




#19
n-Nitroso-di-n-propylamine
Concen: 14.566 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.38 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

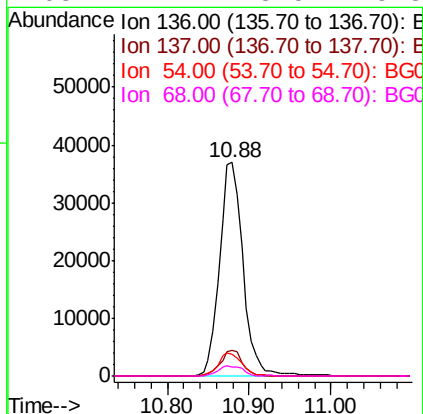
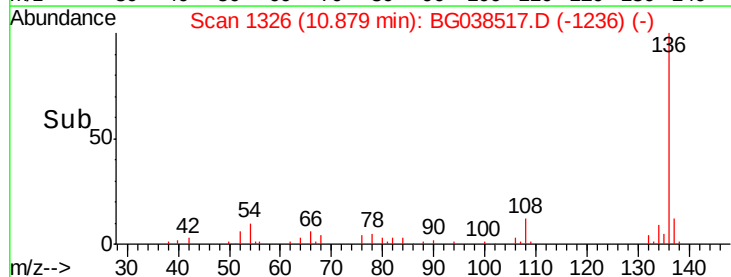
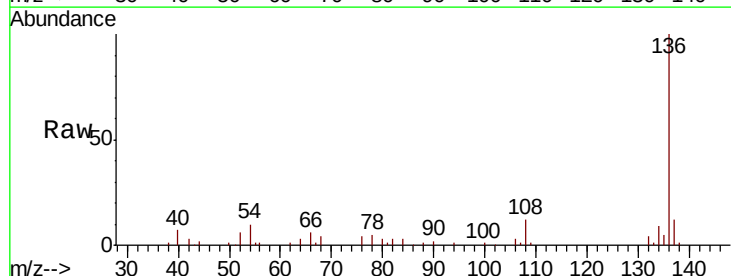
Instrument :
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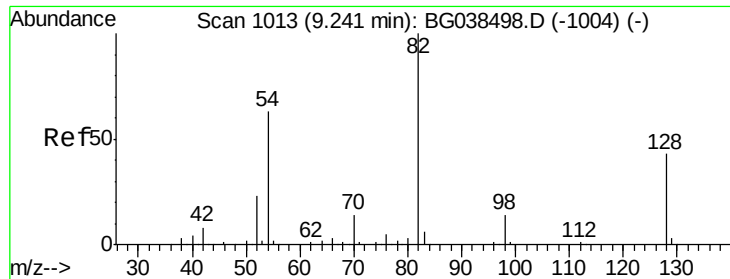
Tgt Ion: 70 Resp: 14559
Ion Ratio Lower Upper
70 100
42 50.0 63.6 95.4#
101 0.0 9.2 13.8#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Tgt Ion: 136 Resp: 74101
Ion Ratio Lower Upper
136 100
137 11.9 9.3 13.9
54 10.5 8.5 12.7
68 4.1 3.5 5.3

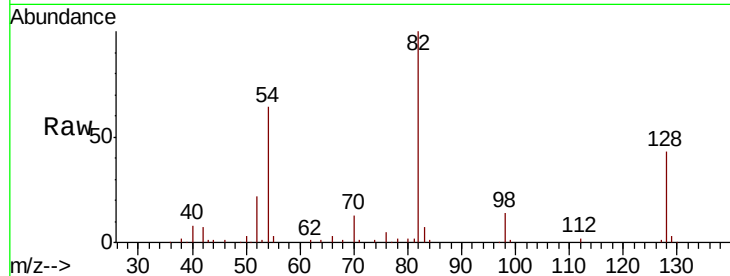




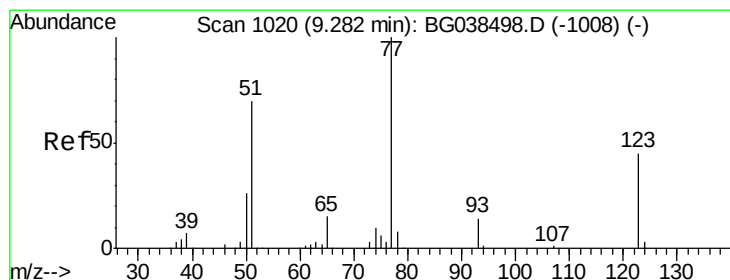
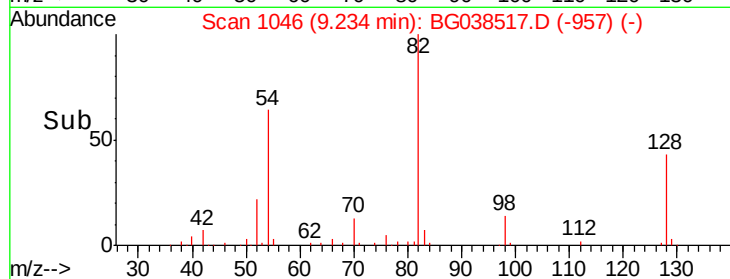
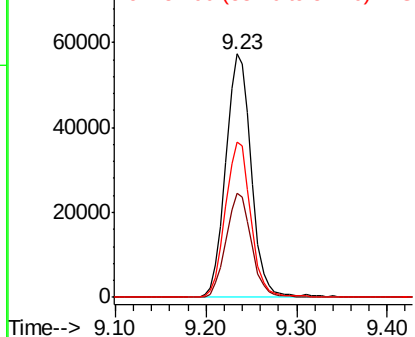
#23
 Nitrobenzene-d5
 Concen: 77.394 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Instrument :
 BNA_G
 ClientSampleId :
 DW-2

Tgt Ion: 82 Resp: 112259
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 52.0
 54 63.6 50.6 76.0

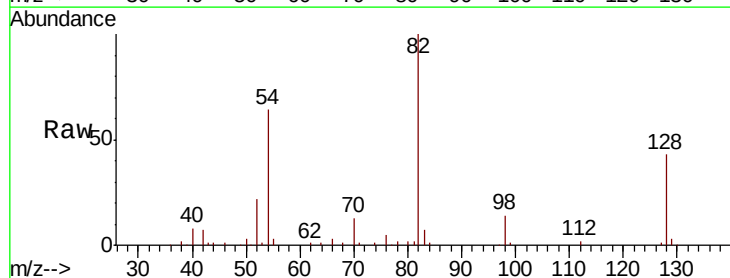


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

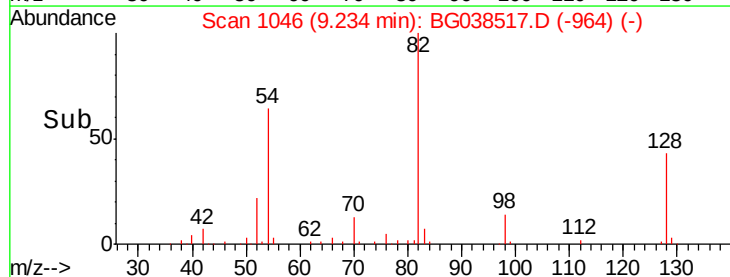
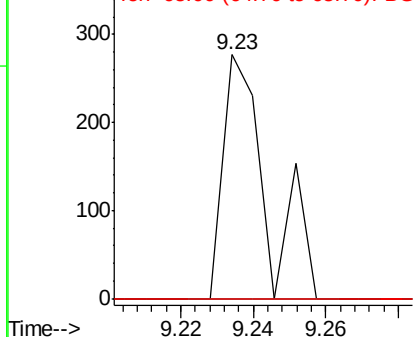


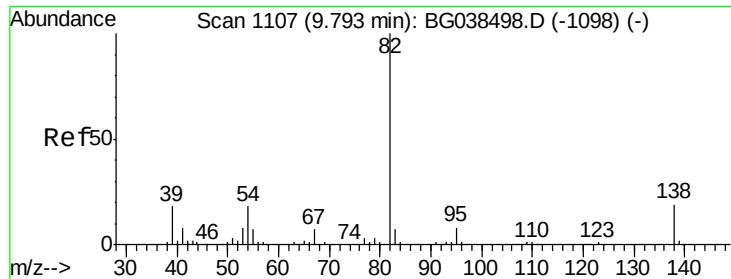
#24
 Nitrobenzene
 Concen: 0.159 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.05 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Tgt Ion: 77 Resp: 233
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.9 53.9#
 65 0.0 12.0 18.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.106 ng

RT: 9.35 min Scan# 1066

Delta R.T. -0.44 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampled :

DW-2

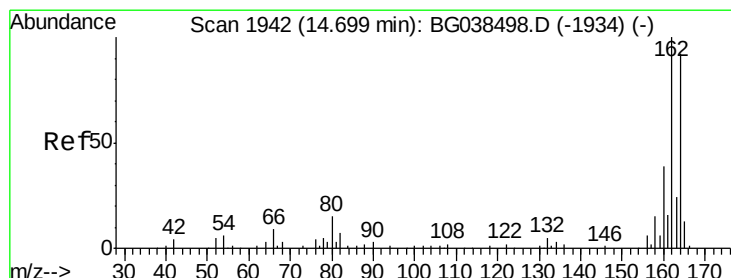
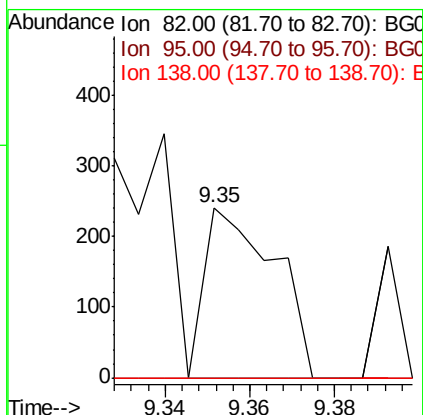
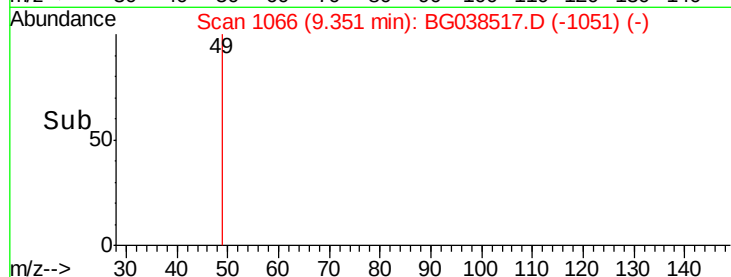
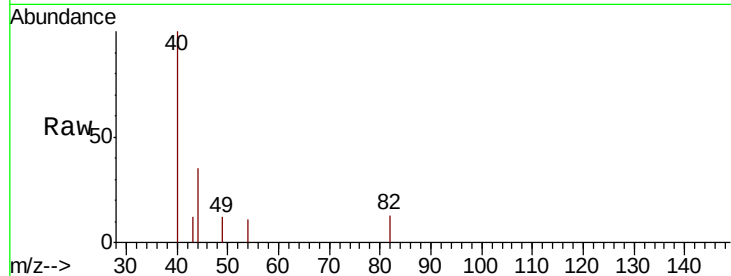
Tgt Ion: 82 Resp: 277

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 14.9 22.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

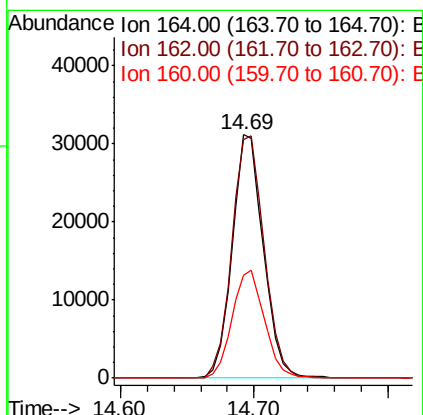
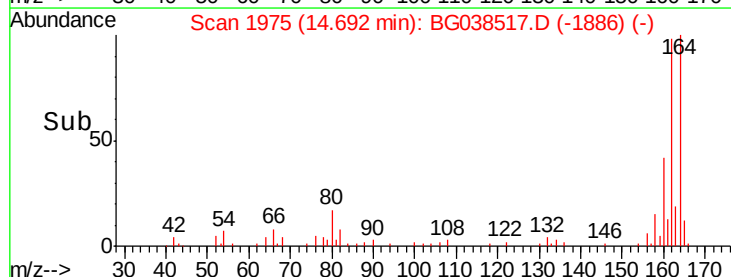
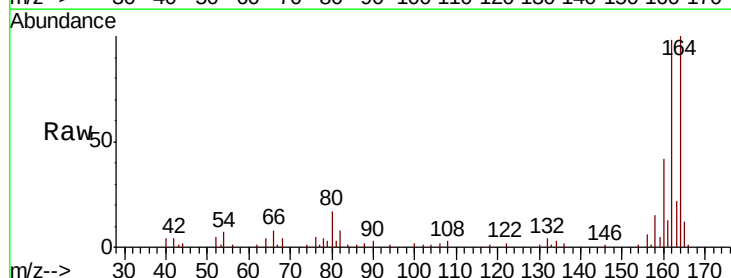
Tgt Ion: 164 Resp: 50336

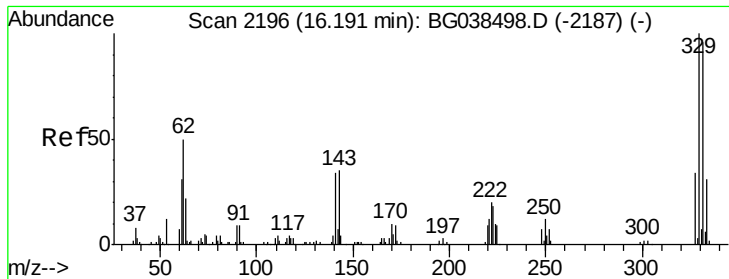
Ion Ratio Lower Upper

164 100

162 98.1 86.6 130.0

160 42.2 34.2 51.2

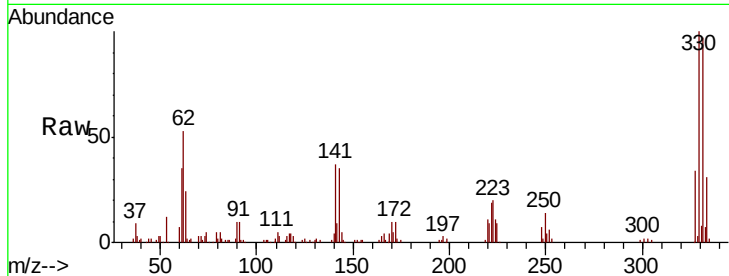




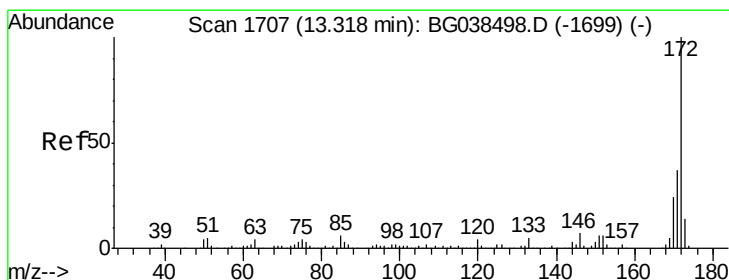
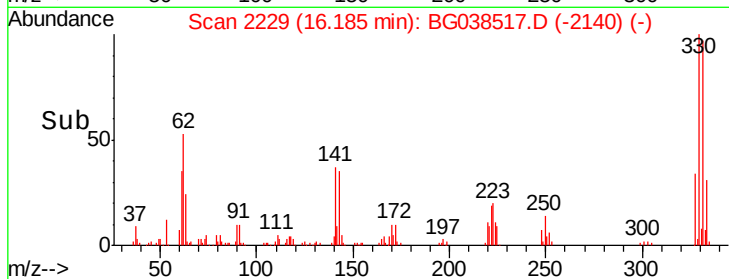
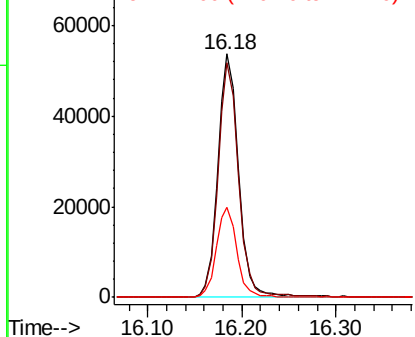
#42
 2,4,6-Tribromophenol
 Concen: 120.089 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Instrument :
 BNA_G
 ClientSampleId :
 DW-2

Tgt Ion:330 Resp: 83308
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.9 115.3
 141 36.6 28.8 43.2

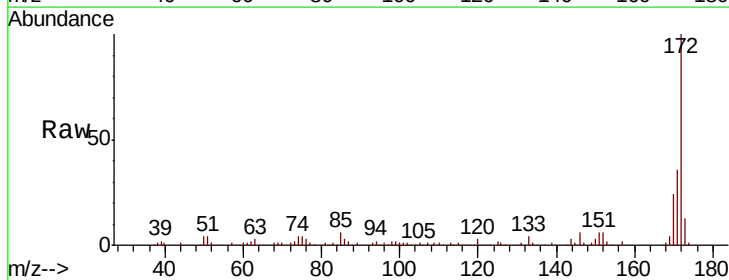


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

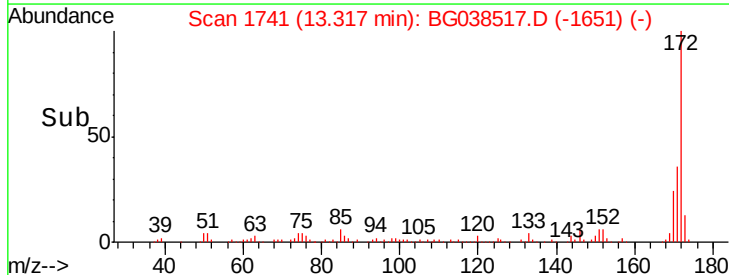
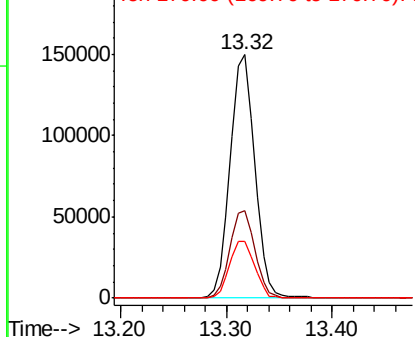


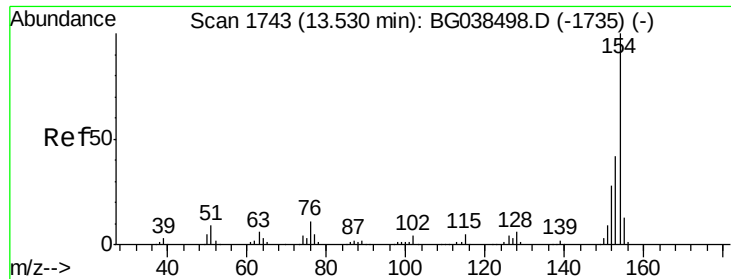
#45
 2-Fluorobiphenyl
 Concen: 65.832 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Tgt Ion:172 Resp: 241550
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.8 44.6
 170 23.6 19.5 29.3



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

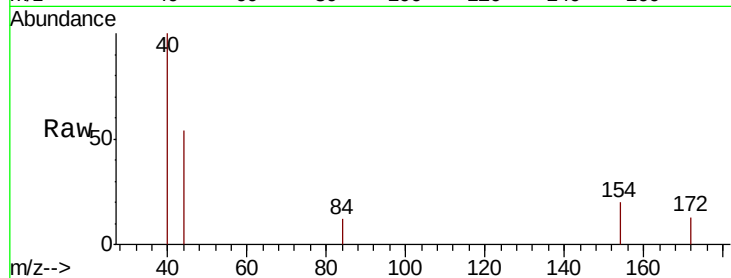




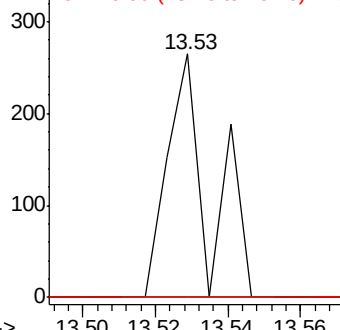
#46
 1,1'-Biphenyl
 Concen: 0.050 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Instrument :
 BNA_G
 ClientSampled :
 DW-2

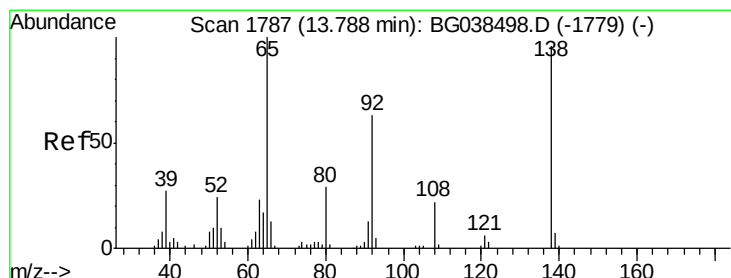
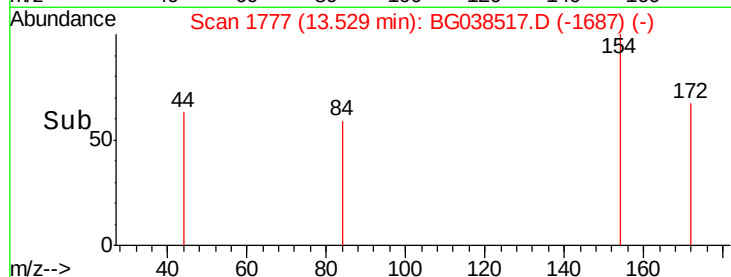
Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	22.1	62.1#
76	0.0	0.0	31.2



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

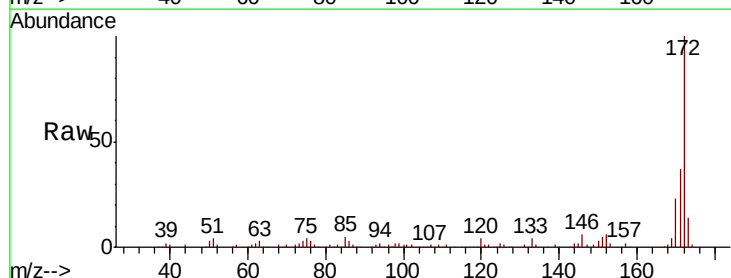


Time-->

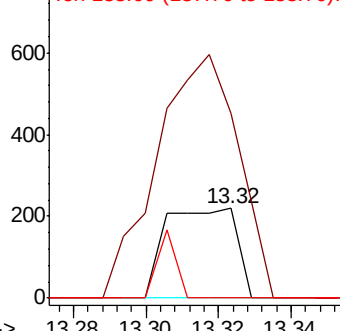


#48
 2-Nitroaniline
 Concen: 0.287 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.46 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

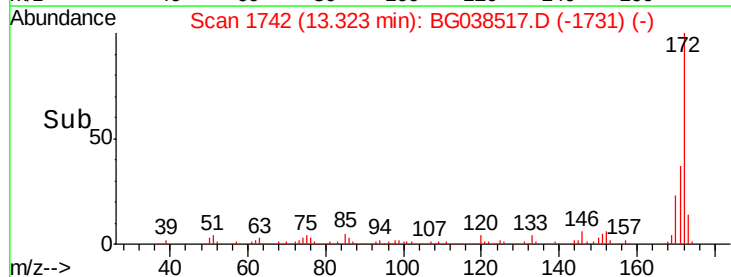
Tgt Ion	Ratio	Lower	Upper
65	100		
92	205.5	50.0	75.0#
138	0.0	76.9	115.3#

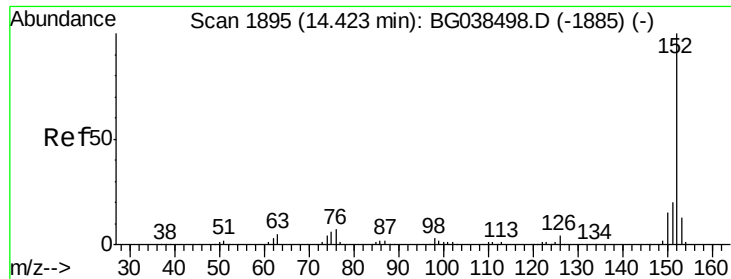


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E



Time-->





#49

Acenaphthylene

Concen: 0.013 ng

RT: 14.76 min Scan# 1986

Delta R.T. 0.33 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampleId :

DW-2

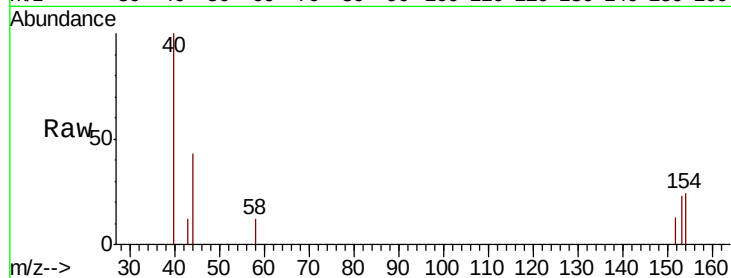
Tgt Ion:152 Resp: 64

Ion Ratio Lower Upper

152 100

151 0.0 16.4 24.6#

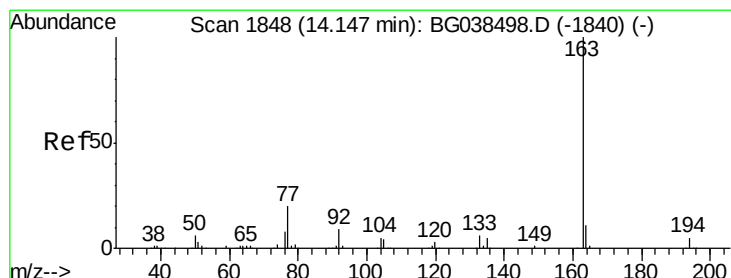
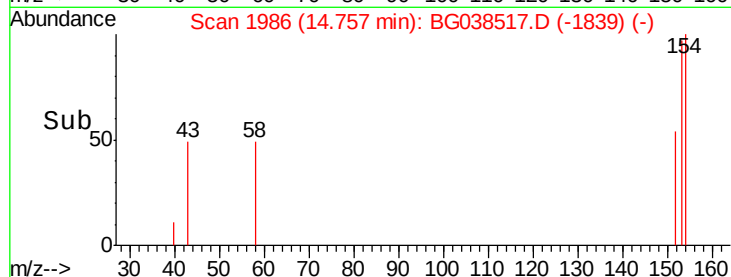
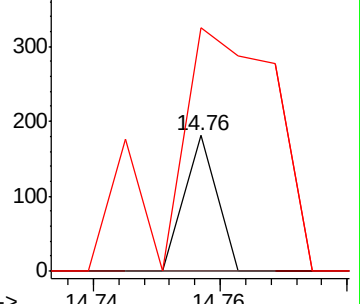
153 179.6 10.4 15.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 4.127 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

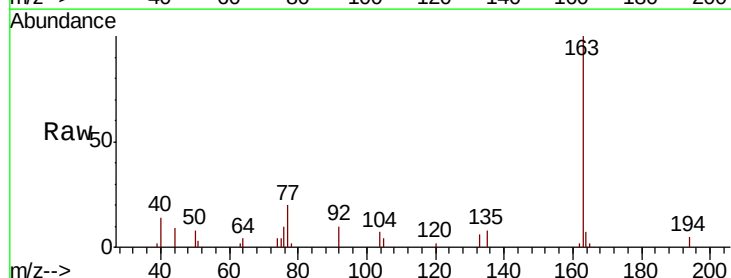
Tgt Ion:163 Resp: 16966

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

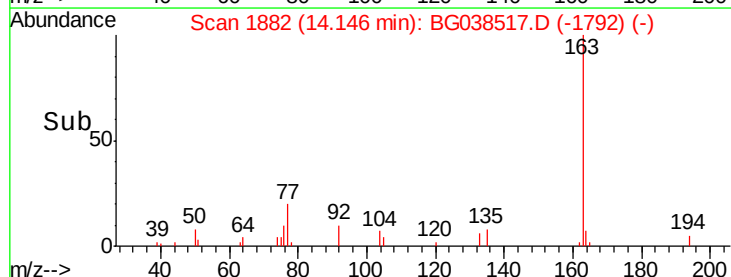
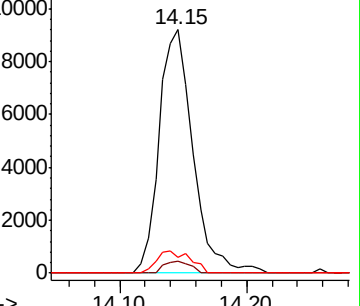
164 6.7 8.6 12.8#

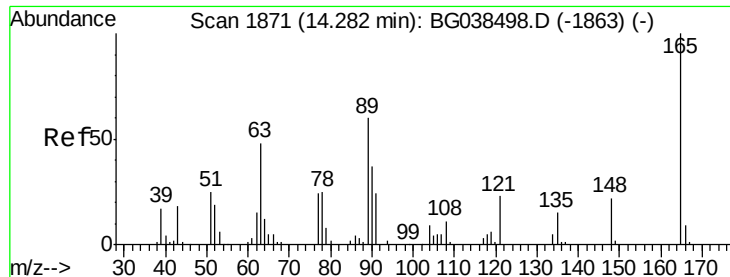


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

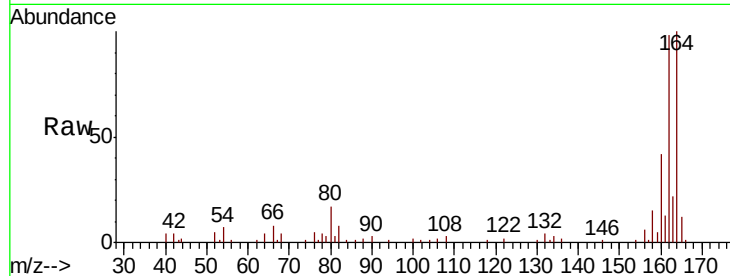




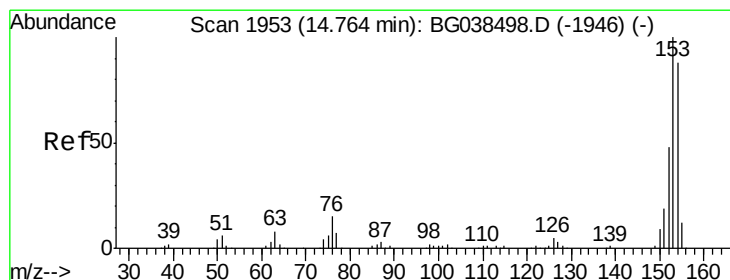
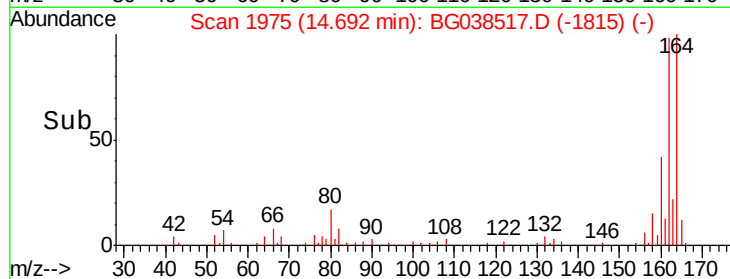
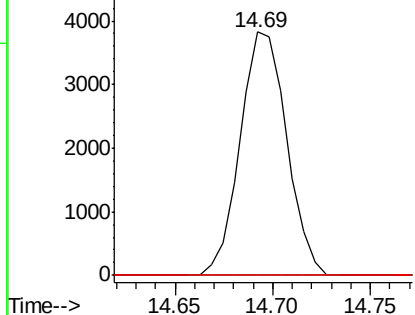
#51
 2,6-Dinitrotoluene
 Concen: 6.777 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Instrument :
 BNA_G
 ClientSampleId :
 DW-2

Tgt Ion:165 Resp: 6313
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 0.0 47.9 71.9#

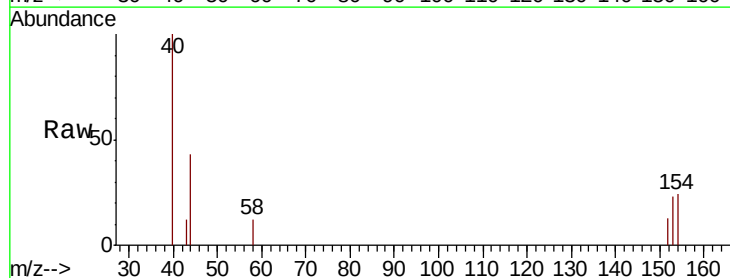


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

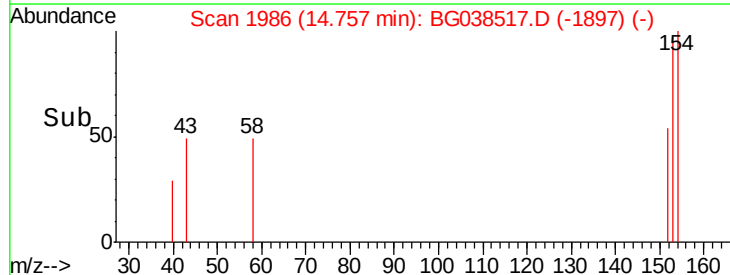
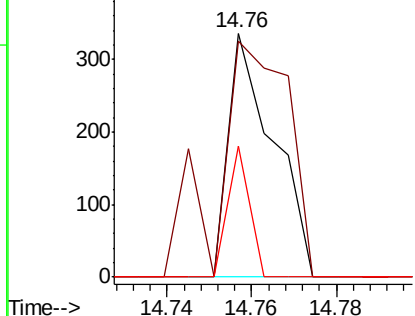


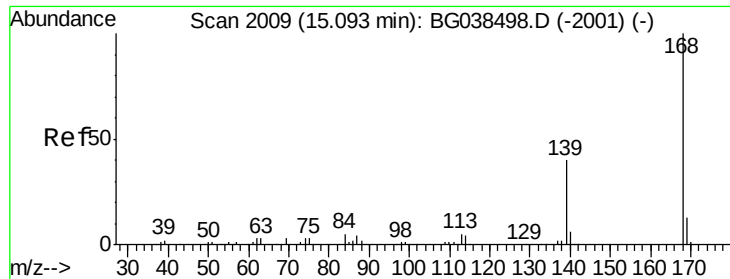
#52
 Acenaphthene
 Concen: 0.085 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Tgt Ion:154 Resp: 248
 Ion Ratio Lower Upper
 154 100
 153 96.7 90.6 136.0
 152 53.9 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

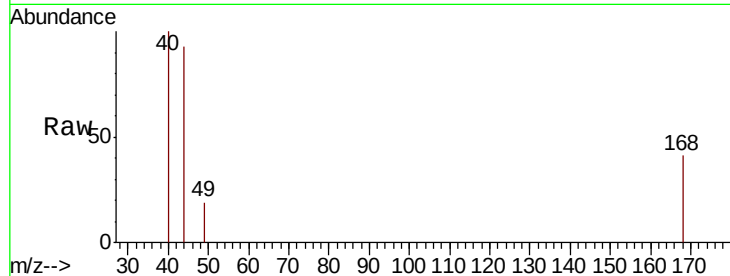




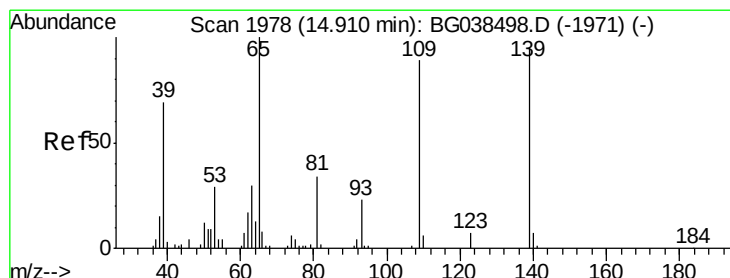
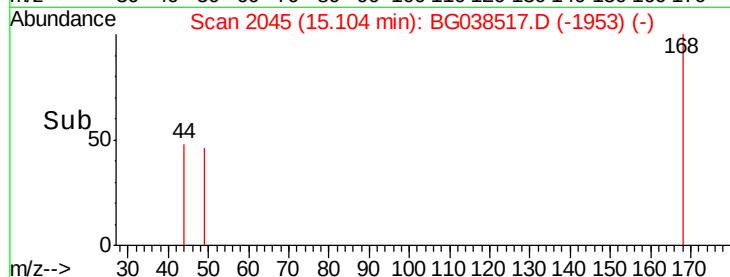
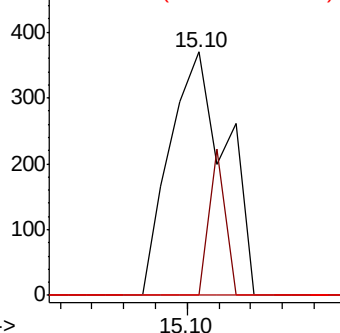
#55
Dibenzenofuran
Concen: 0.091 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Instrument :
BNA_G
ClientSampleId :
DW-2

Tgt Ion	Ratio	Lower	Upper
168	100		
139	0.0	32.2	48.2#
169	0.0	10.6	16.0#

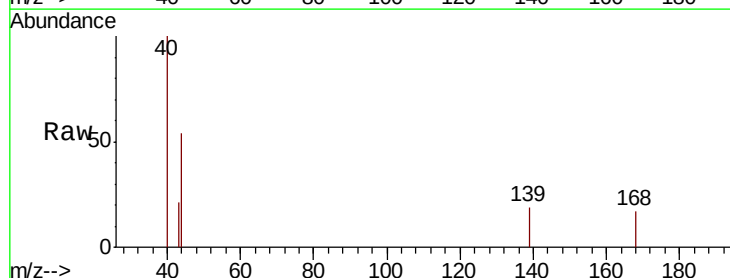


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

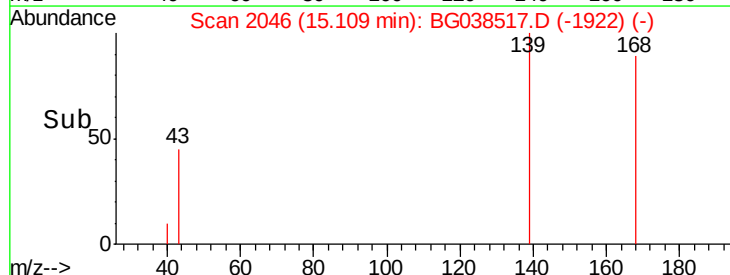
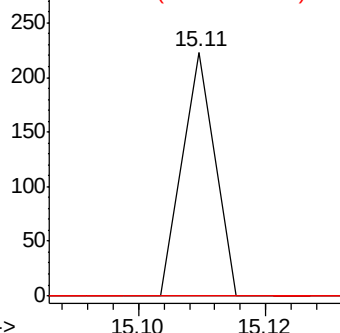


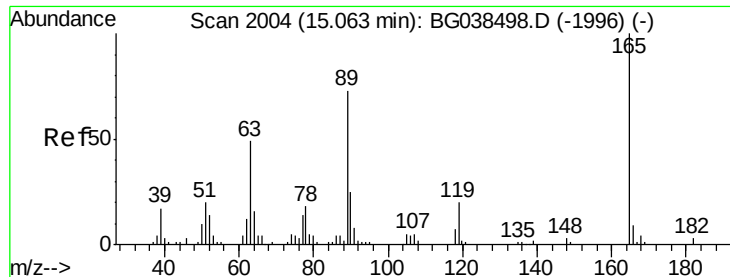
#56
4-Nitrophenol
Concen: 0.110 ng
RT: 15.11 min Scan# 2046
Delta R.T. 0.20 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	73.6	113.6#
65	0.0	84.8	124.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

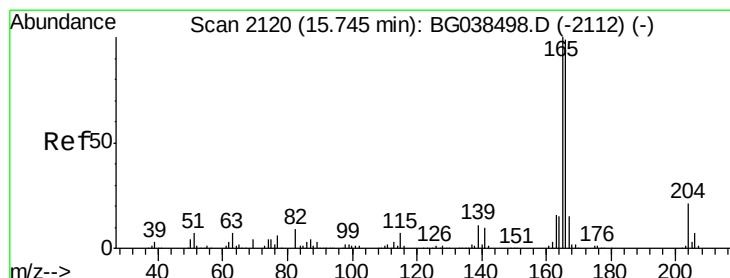
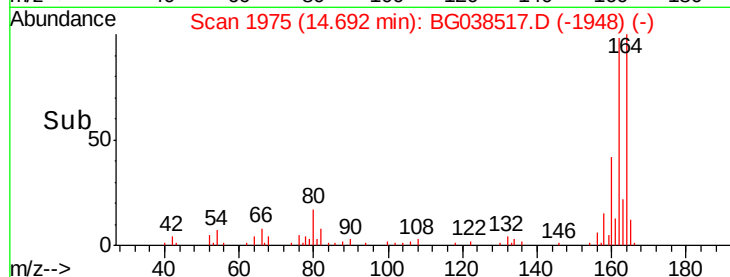
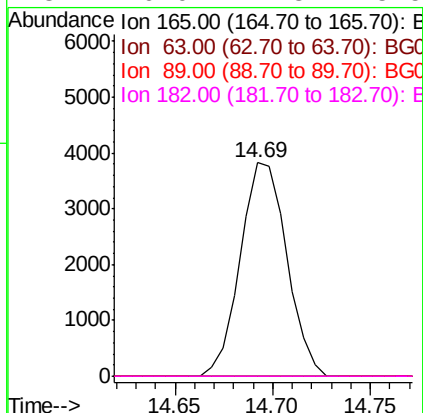
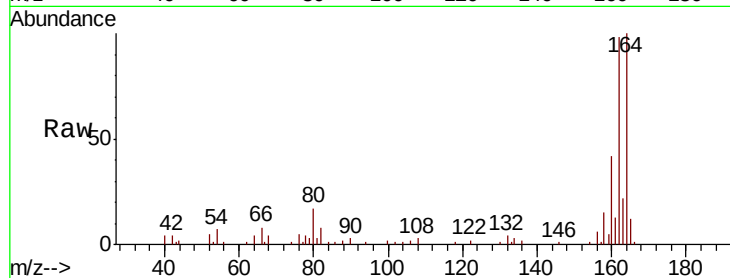




#57
 2,4-Dinitrotoluene
 Concen: 4.812 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

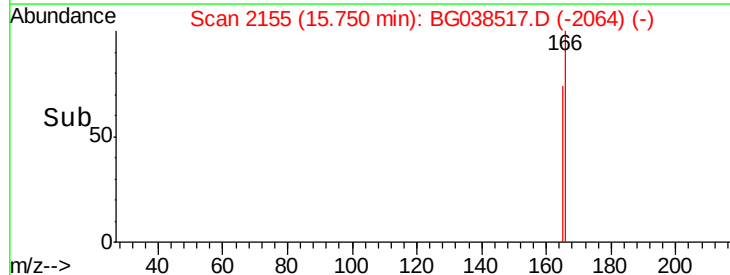
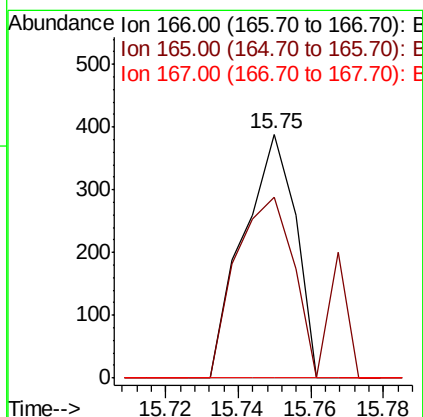
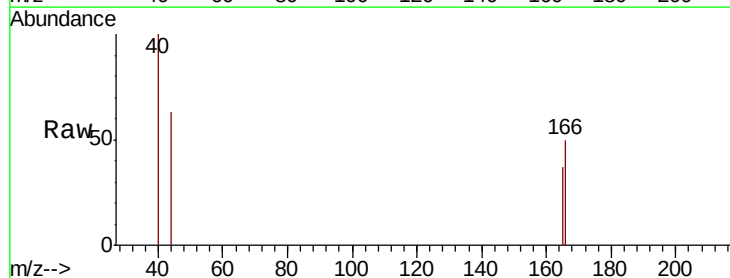
Instrument :
 BNA_G
 ClientSampleId :
 DW-2

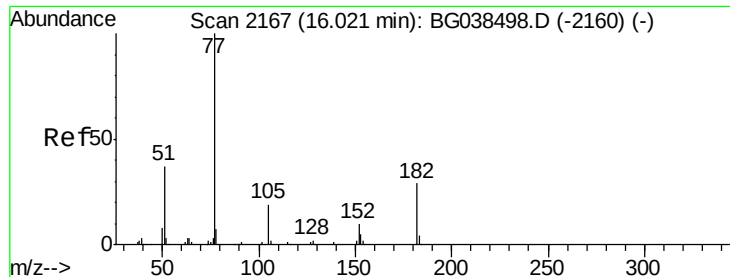
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#58
 Fluorene
 Concen: 0.104 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.01 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Tgt Ion	Ratio	Lower	Upper
166	100		
165	74.2	80.6	120.8#
167	0.0	12.0	18.0#

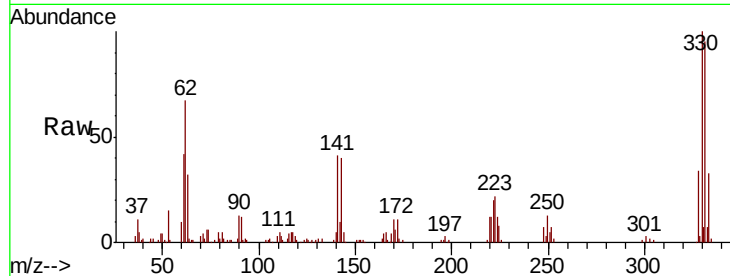




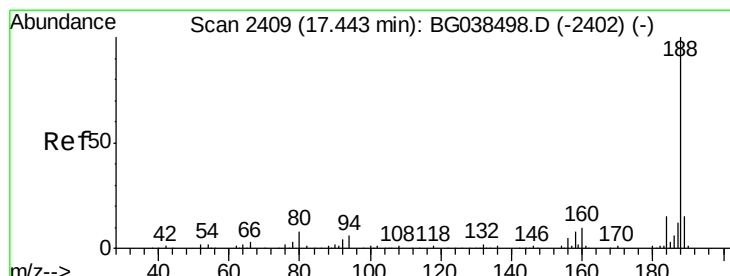
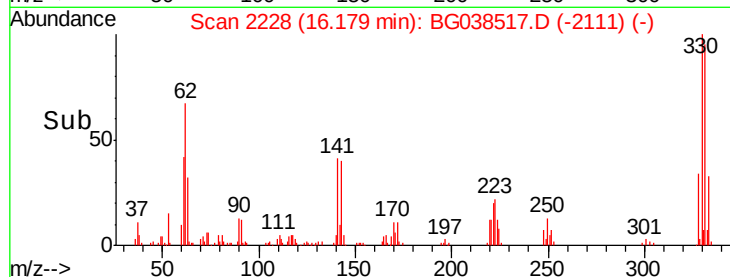
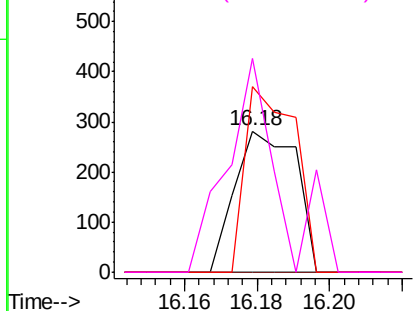
#63
Azobenzene
Concen: 0.087 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.16 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Instrument :
BNA_G
ClientSampleId :
DW-2

Tgt Ion: 77 Resp: 329
Ion Ratio Lower Upper
77 100
182 0.0 8.7 48.7#
105 131.7 0.0 38.7#
51 151.6 16.6 56.6#

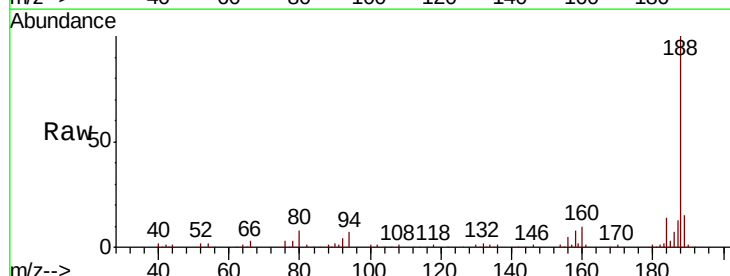


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

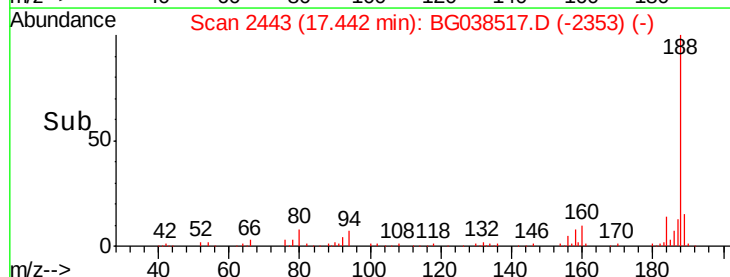
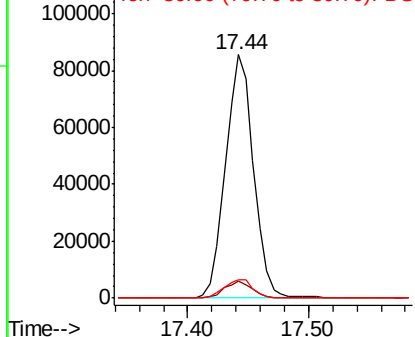


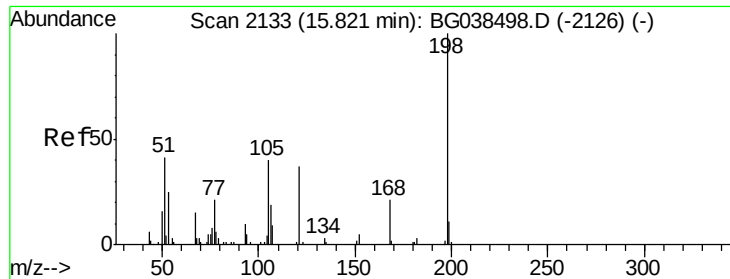
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Tgt Ion: 188 Resp: 137389
Ion Ratio Lower Upper
188 100
94 6.8 5.1 7.7
80 7.8 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

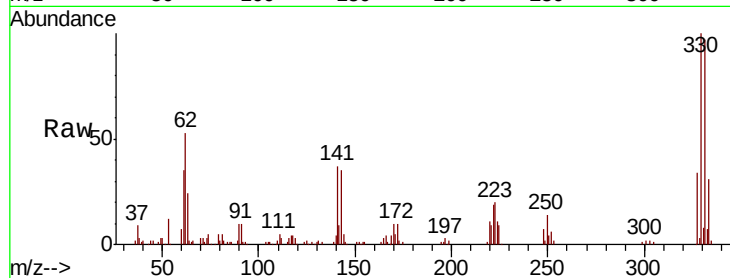




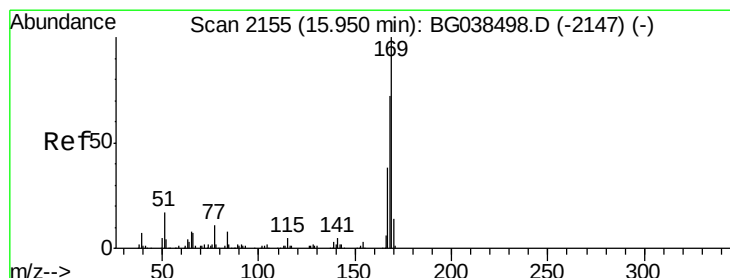
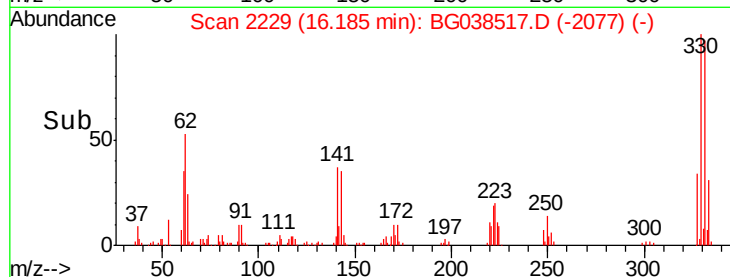
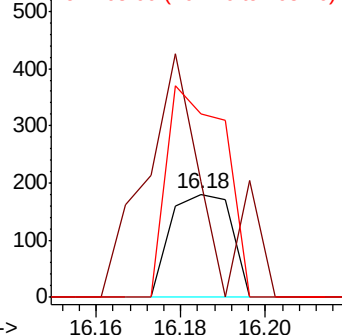
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.184 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.36 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Instrument :
 BNA_G
 ClientSampled :
 DW-2

Tgt Ion:198 Resp: 180
 Ion Ratio Lower Upper
 198 100
 51 16.2 28.6 68.6#
 105 25.6 20.4 60.4

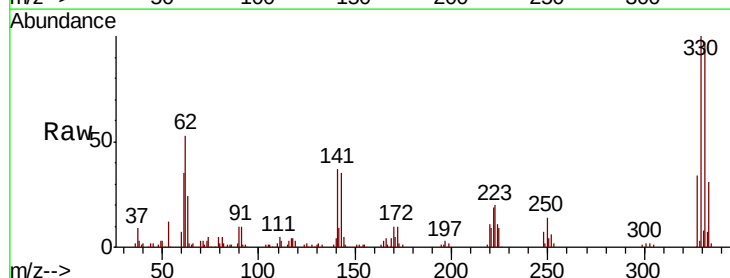


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

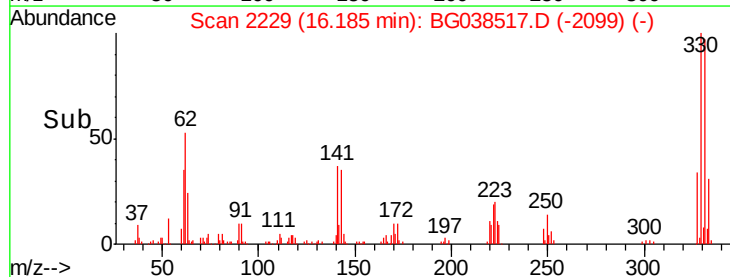
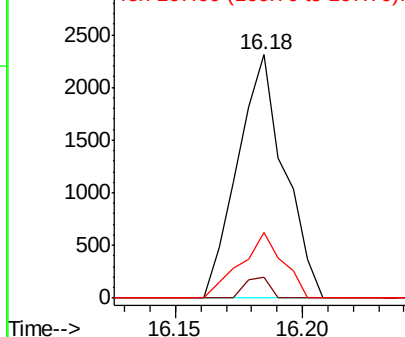


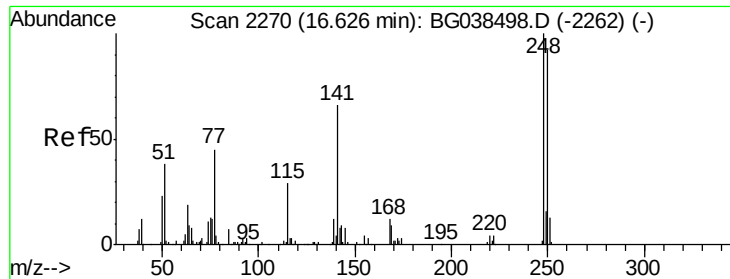
#66
 n-Nitrosodiphenylamine
 Concen: 0.736 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.23 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Tgt Ion:169 Resp: 2971
 Ion Ratio Lower Upper
 169 100
 168 8.6 57.5 86.3#
 167 27.1 30.2 45.2#



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

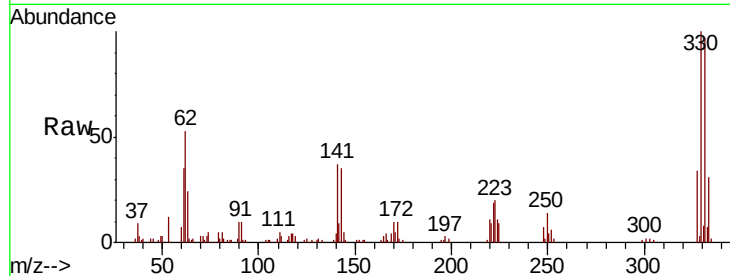




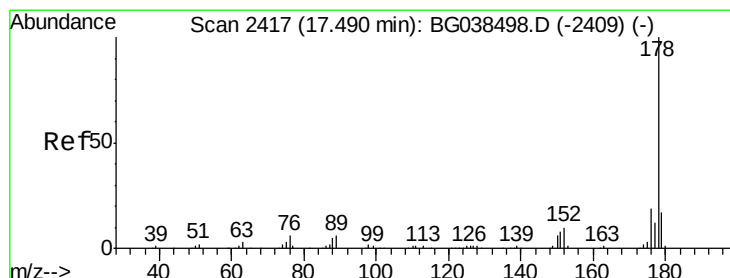
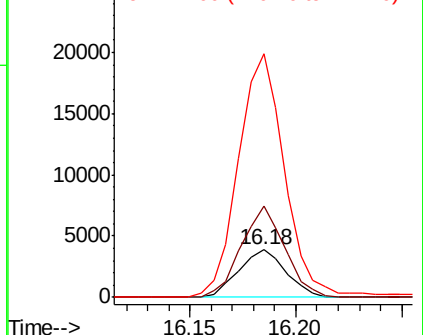
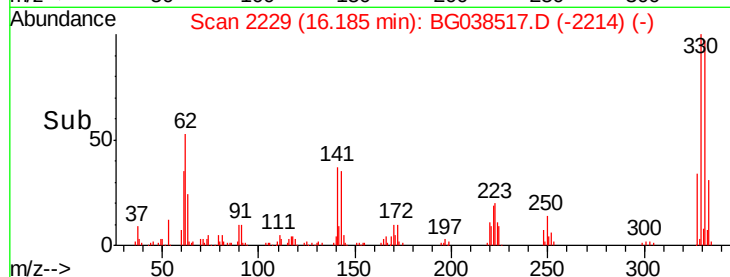
#67
 4-Bromophenyl-phenylether
 Concen: 3.548 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Instrument :
 BNA_G
 ClientSampleId :
 DW-2

Tgt Ion:248 Resp: 5954
 Ion Ratio Lower Upper
 248 100
 250 196.4 73.4 110.2#
 141 409.1 52.9 79.3#

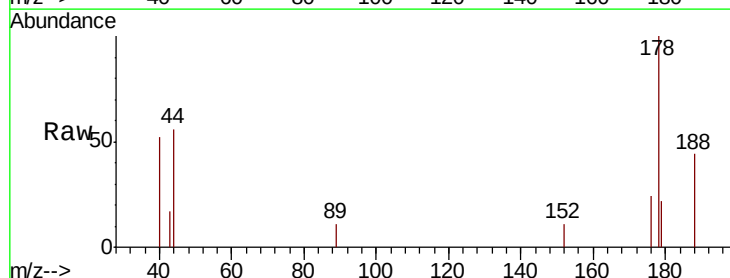


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

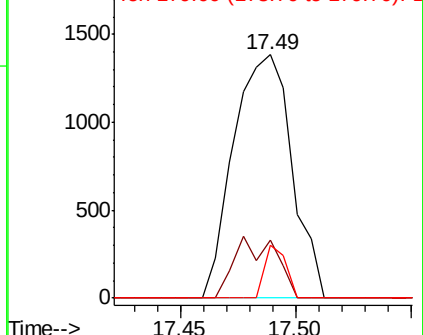
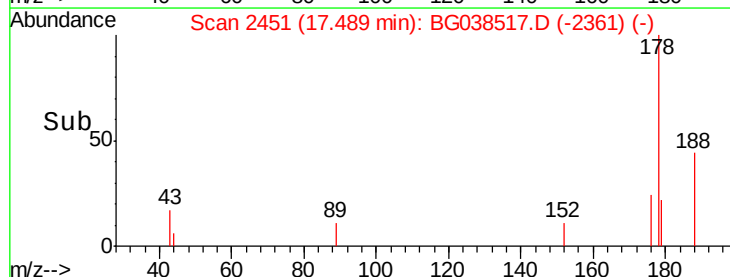


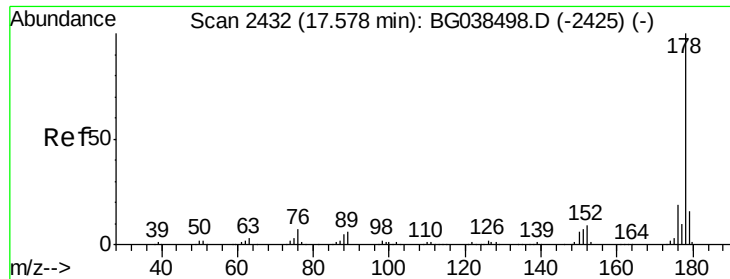
#71
 Phenanthrene
 Concen: 0.341 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Tgt Ion:178 Resp: 2426
 Ion Ratio Lower Upper
 178 100
 176 24.0 15.1 22.7#
 179 21.9 13.2 19.8#



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





#72

Anthracene

Concen: 0.044 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampleId :

DW-2

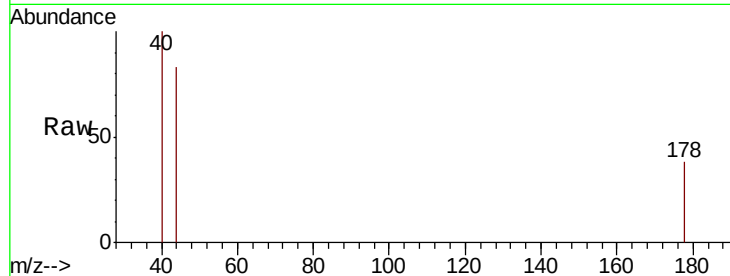
Tgt Ion:178 Resp: 307

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

179 0.0 12.9 19.3#



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

17.58

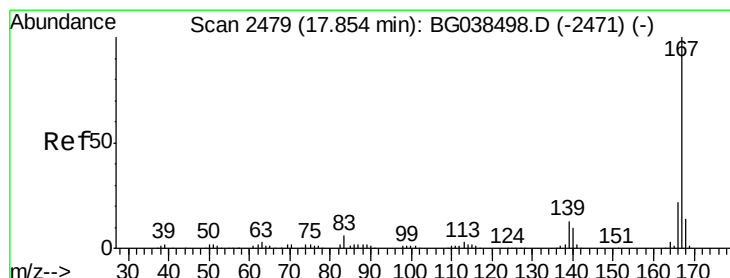
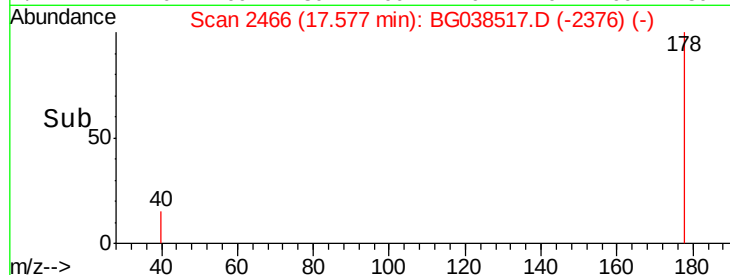
300

200

100

0

Time-->



#73

Carbazole

Concen: 0.011 ng

RT: 17.88 min Scan# 2517

Delta R.T. 0.02 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

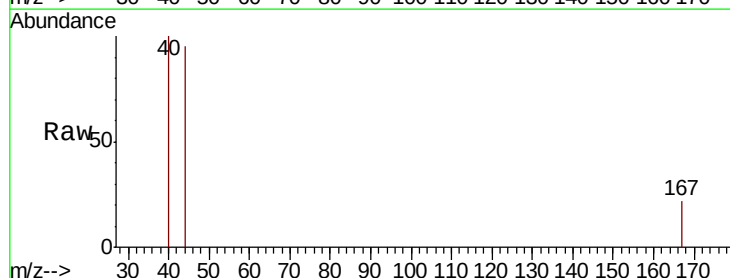
Tgt Ion:167 Resp: 74

Ion Ratio Lower Upper

167 100

166 0.0 17.9 26.9#

139 0.0 10.2 15.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.88

200

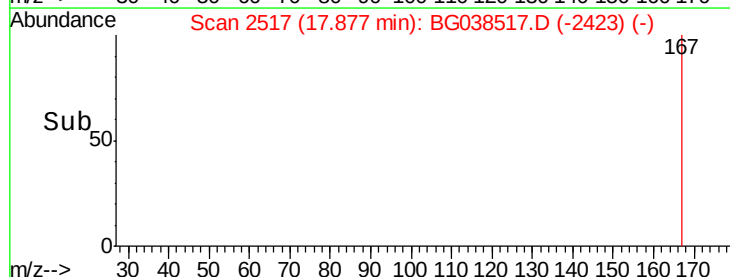
150

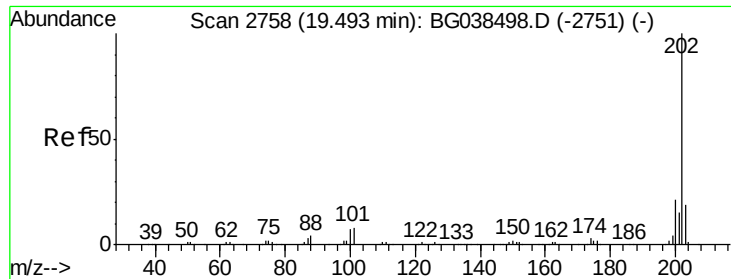
100

50

0

Time-->

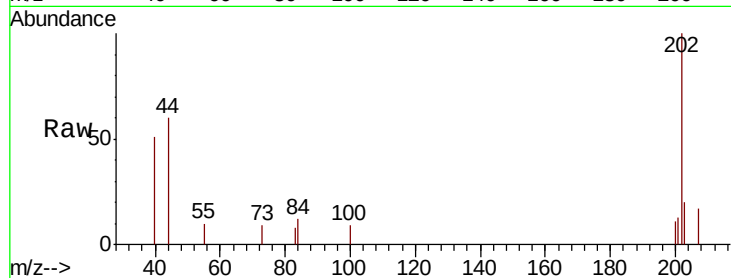




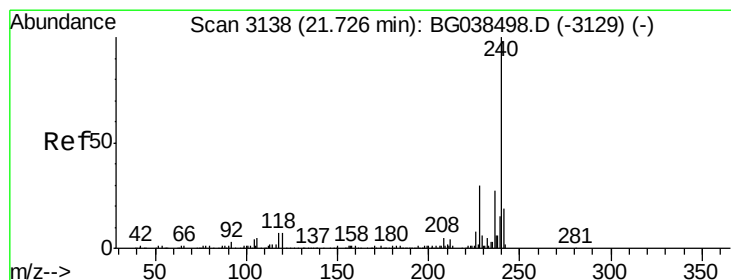
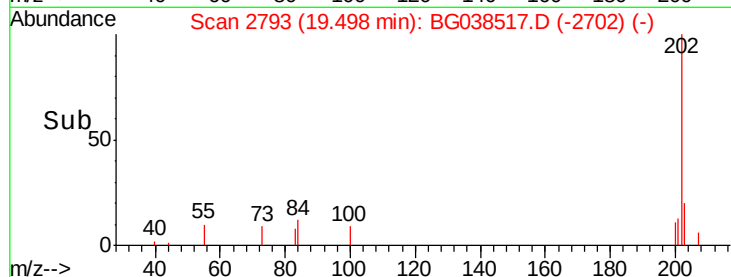
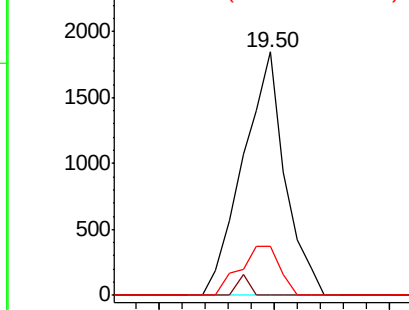
#75
 Fluoranthene
 Concen: 0.265 ng
 RT: 19.50 min Scan# 2793
 Delta R.T. 0.01 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Instrument :
 BNA_G
 ClientSampleId :
 DW-2

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.1
203	19.9	0.0	39.0

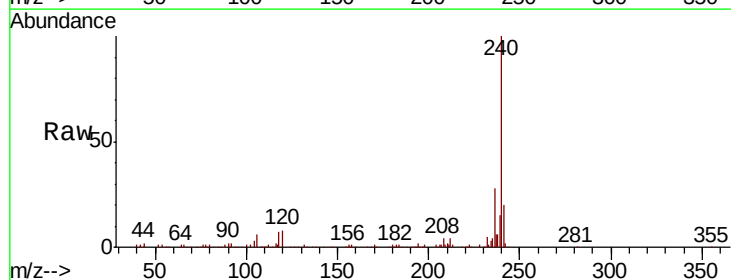


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

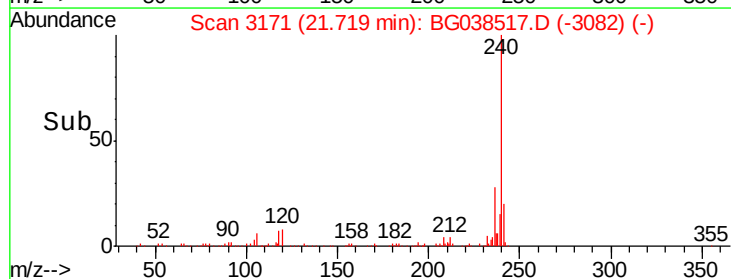
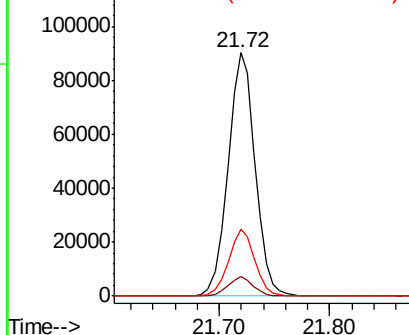


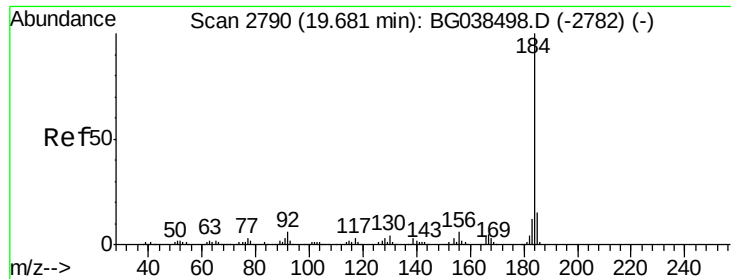
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038517.D
 Acq: 13 Dec 2018 3:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.3	7.9#
236	27.7	21.4	32.2



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





#77

Benzidine

Concen: 1.888 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampleId :

DW-2

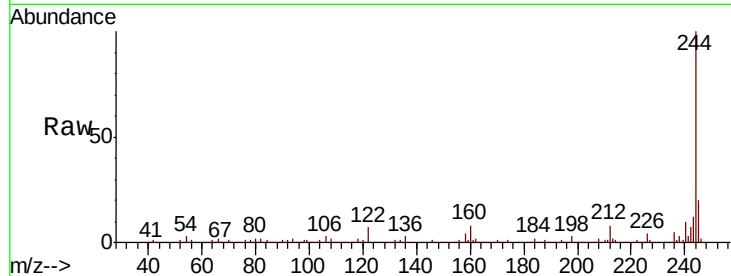
Tgt Ion:184 Resp: 8619

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

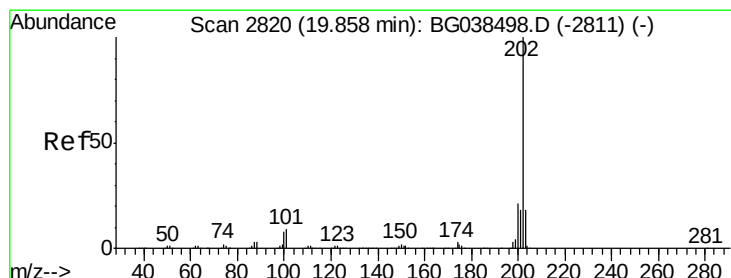
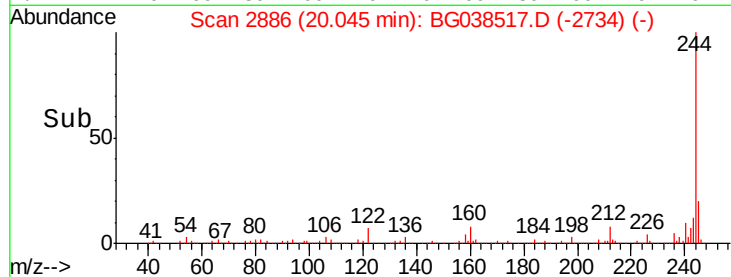
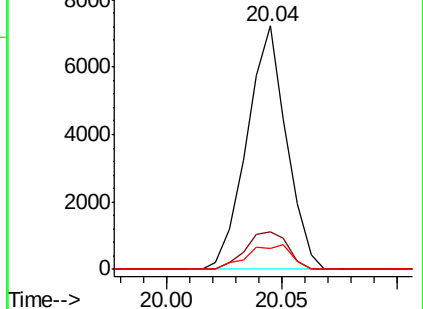
183 8.7 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.189 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

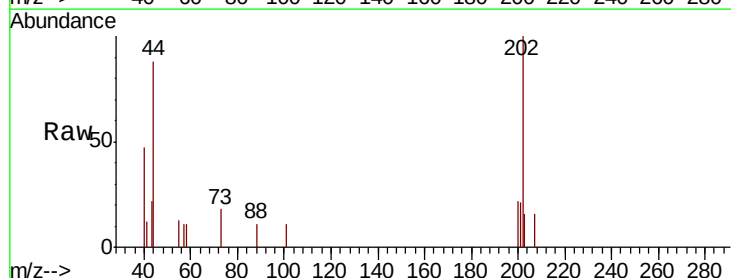
Tgt Ion:202 Resp: 1927

Ion Ratio Lower Upper

202 100

200 21.7 16.6 25.0

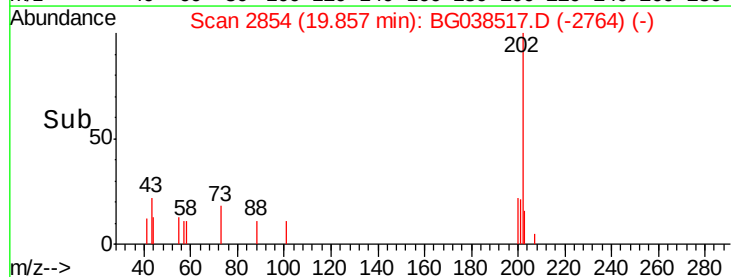
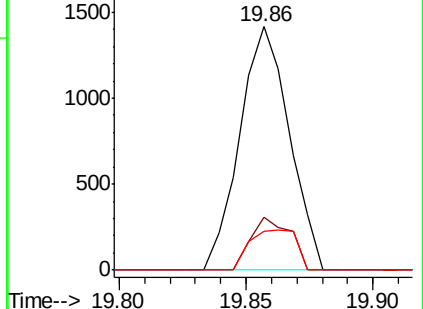
203 15.9 14.6 21.8

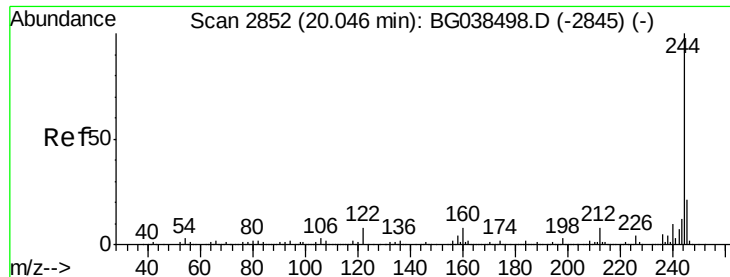


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.692 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampleId :

DW-2

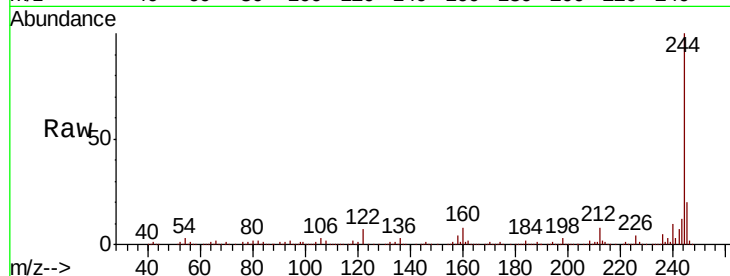
Tgt Ion:244 Resp: 515518

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

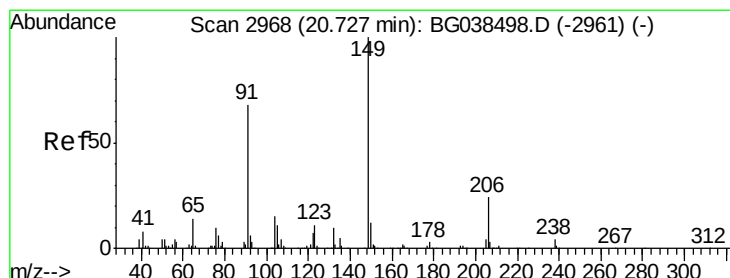
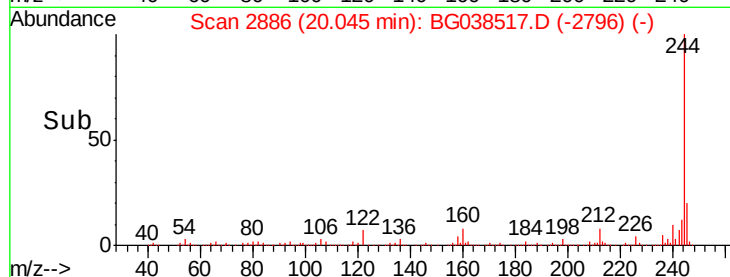
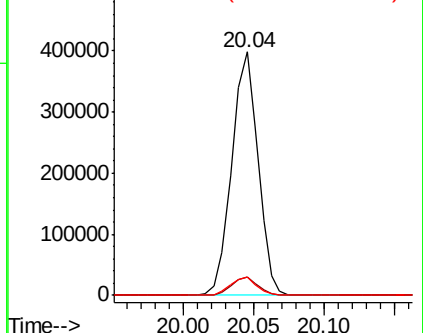
122 7.4 6.3 9.5



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



#80

Butylbenzylphthalate

Concen: 0.015 ng

RT: 20.90 min Scan# 3032

Delta R.T. 0.18 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

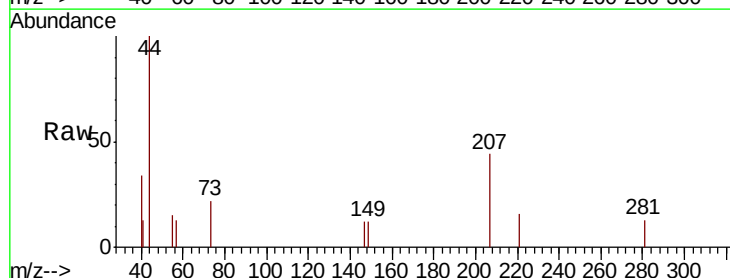
Tgt Ion:149 Resp: 58

Ion Ratio Lower Upper

149 100

91 0.0 54.5 81.7#

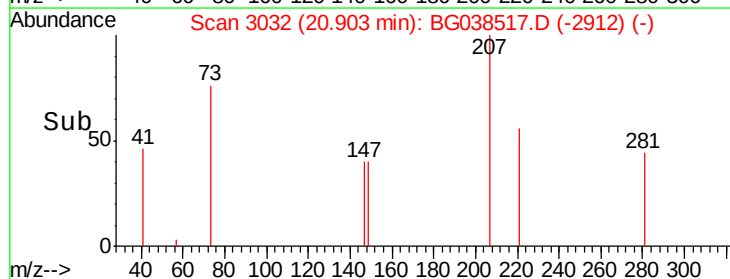
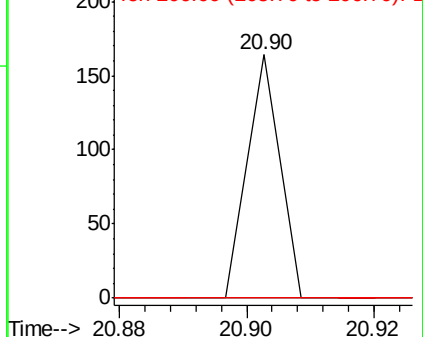
206 0.0 19.0 28.6#

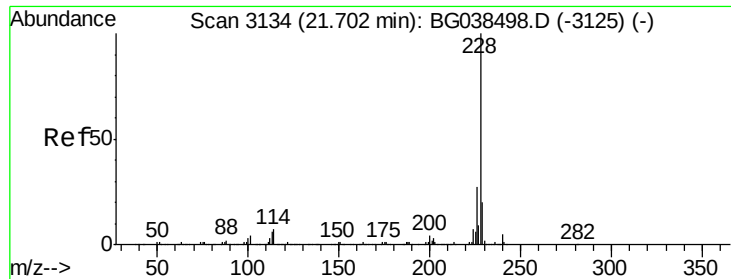


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

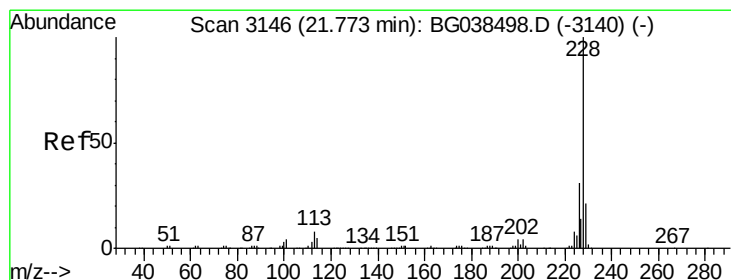
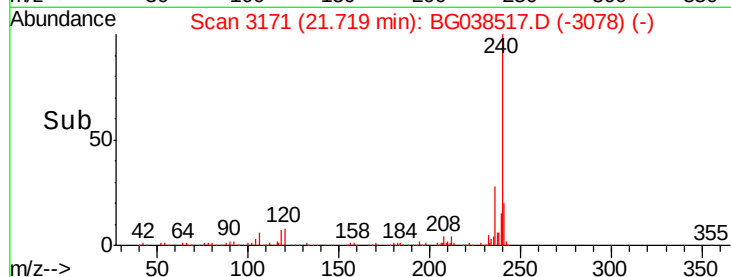
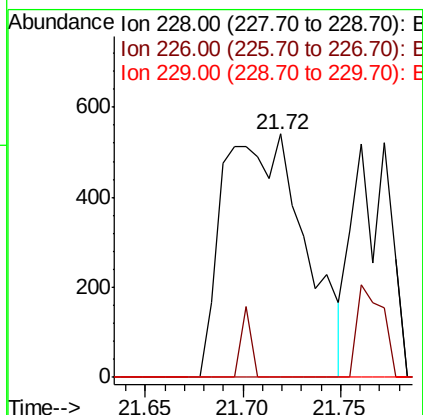
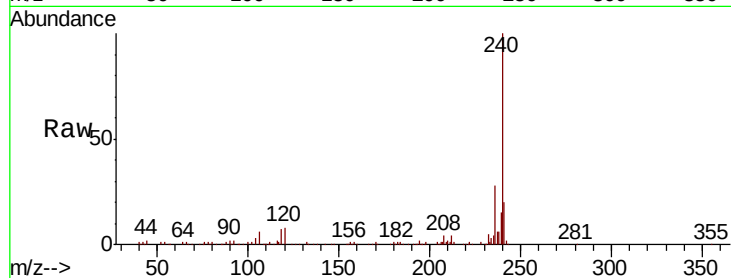




#81
Benzo(a)anthracene
Concen: 0.166 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.02 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

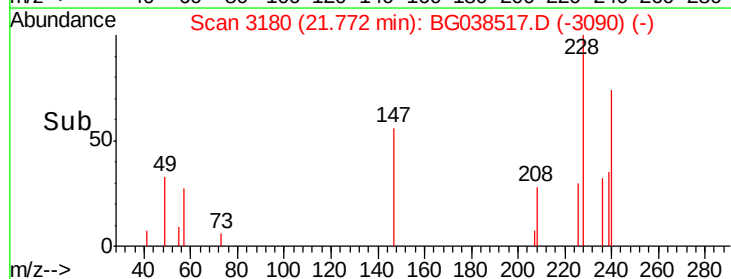
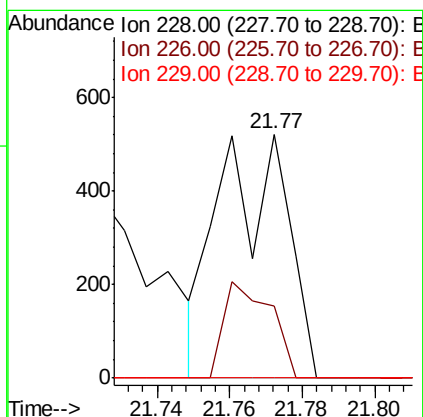
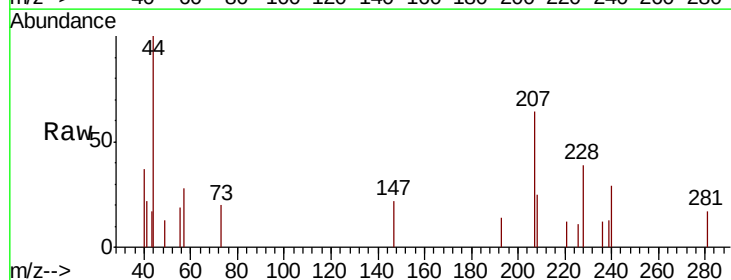
Instrument :
BNA_G
ClientSampleId :
DW-2

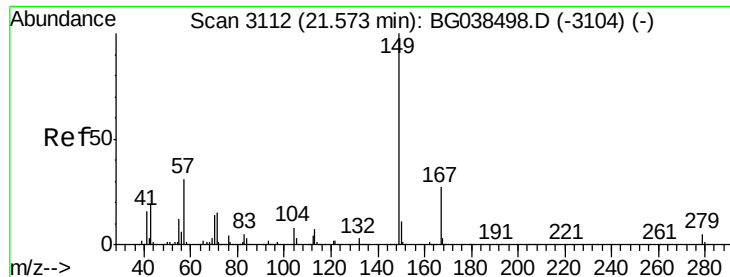
Tgt Ion: 228 Resp: 1561
Ion Ratio Lower Upper
228 100
226 0.0 21.8 32.8#
229 0.0 15.8 23.6#



#83
Chrysene
Concen: 0.073 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Tgt Ion: 228 Resp: 662
Ion Ratio Lower Upper
228 100
226 29.6 25.0 37.4
229 0.0 16.5 24.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.142 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampleId :

DW-2

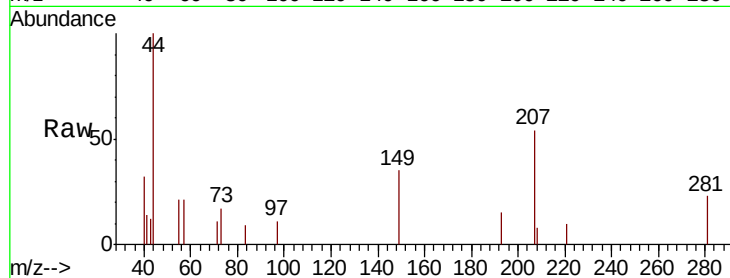
Tgt Ion:149 Resp: 804

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

279 0.0 4.2 6.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.57

800

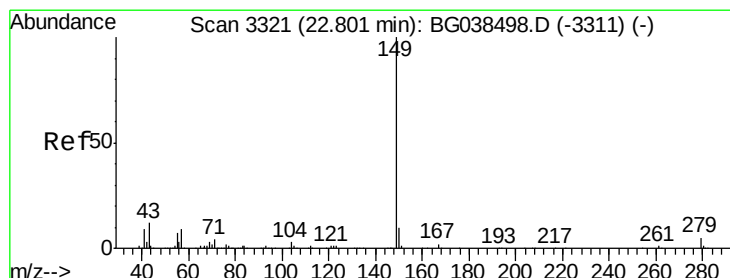
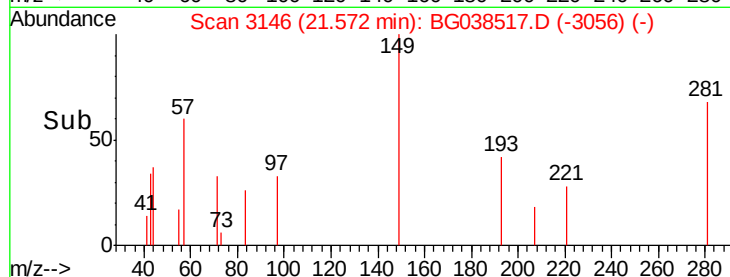
600

400

200

0

Time-->



#85

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 22.58 min Scan# 3317

Delta R.T. -0.22 min

Lab File: BG038517.D

Acq: 13 Dec 2018 3:18

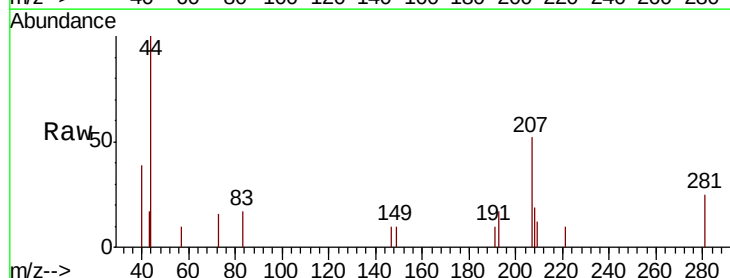
Tgt Ion:149 Resp: 54

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.3 13.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

500

400

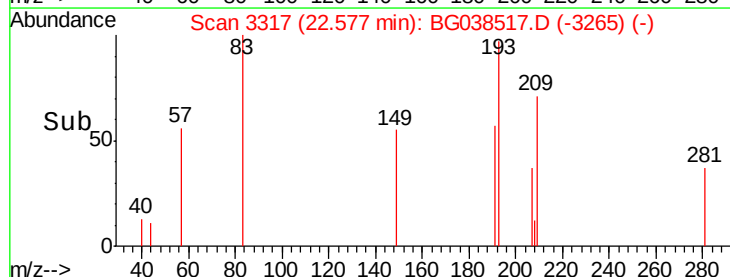
300

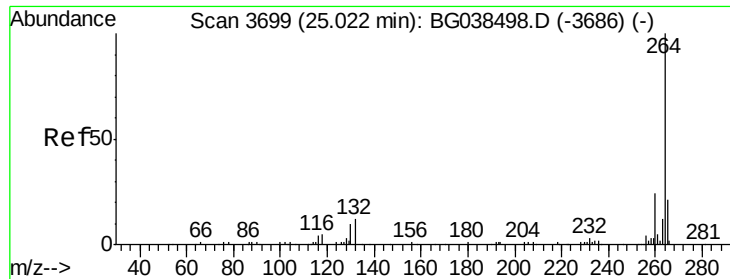
200

100

0

Time-->



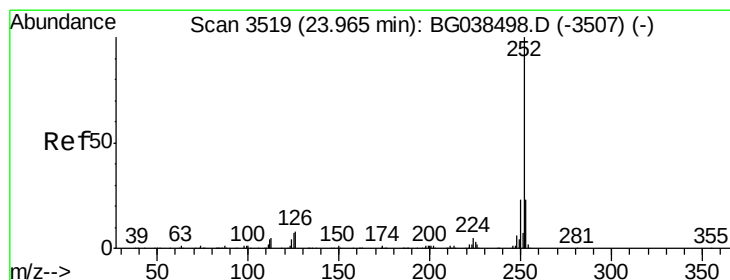
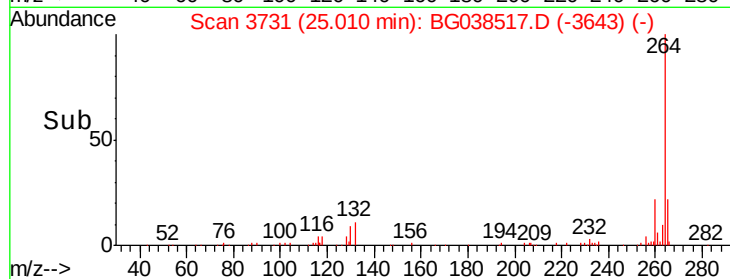
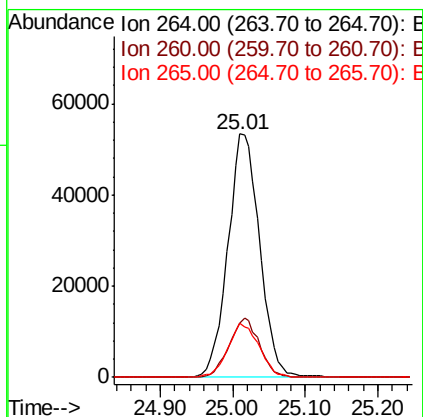
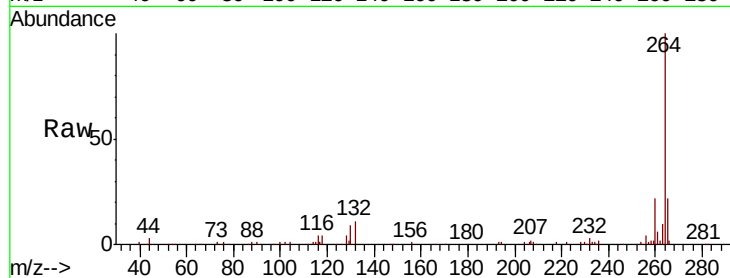


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Instrument :
BNA_G
ClientSampleId :
DW-2

Tgt Ion: 264 Resp: 161863

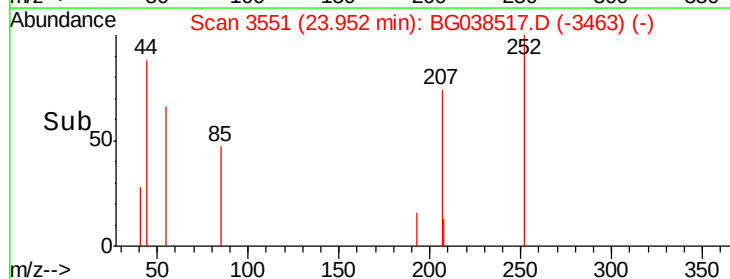
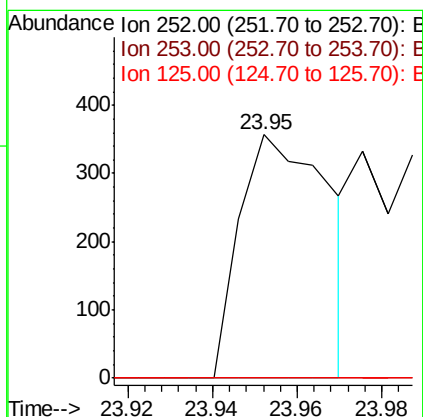
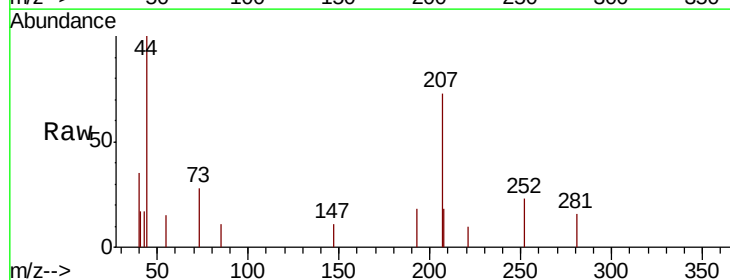
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	22.1	17.0	25.4

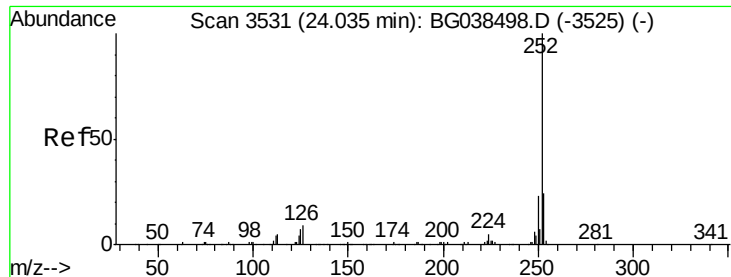


#88
Benzo(b)fluoranthene
Concen: 0.059 ng
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Tgt Ion: 252 Resp: 524

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	5.5	8.3#

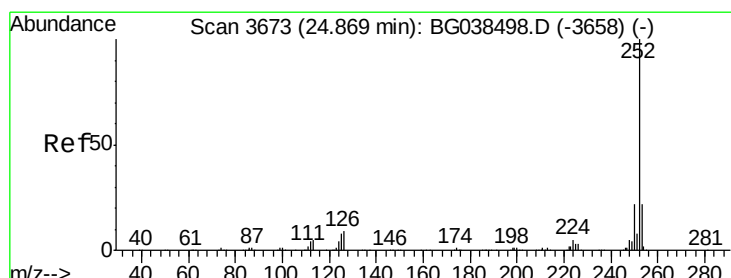
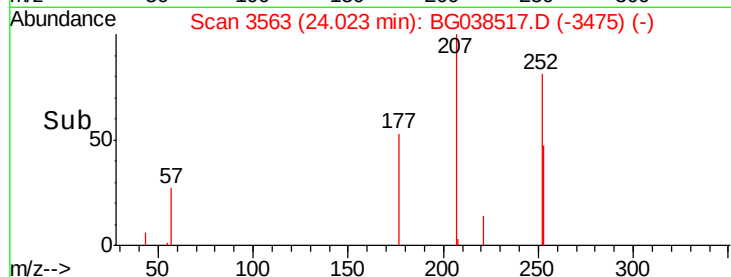
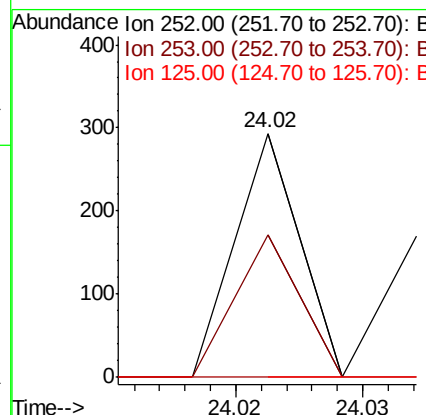
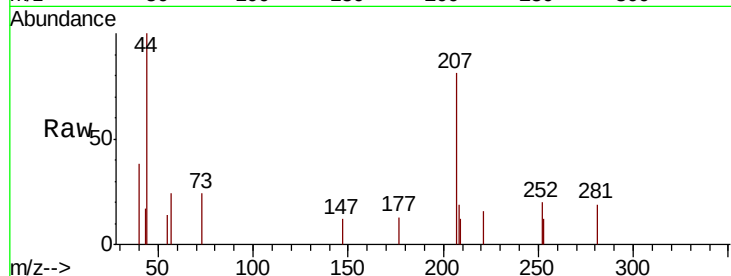




#89
Benzo(k)fluoranthene
Concen: 0.012 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

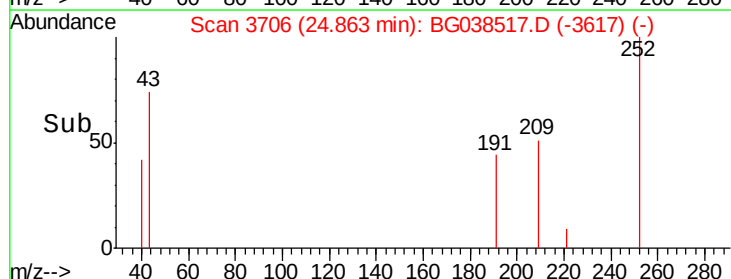
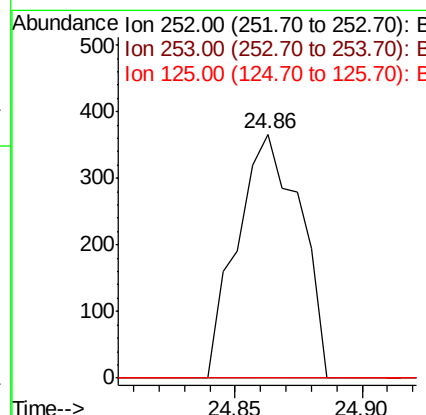
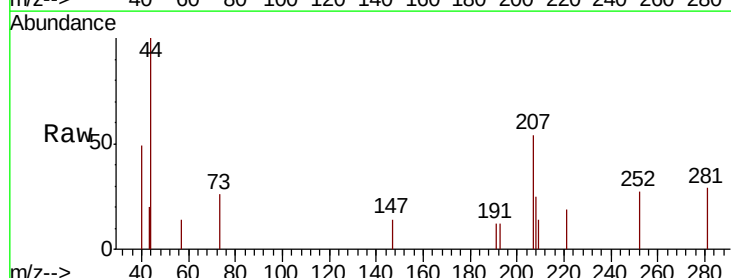
Instrument :
BNA_G
ClientSampleId :
DW-2

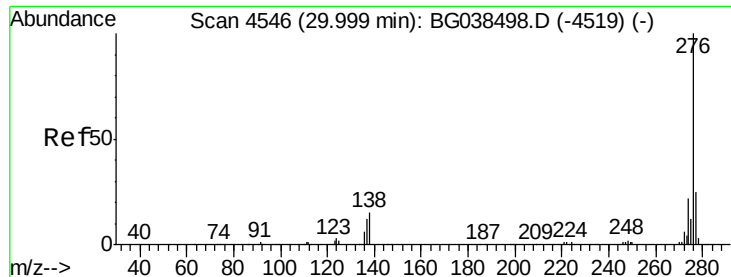
Tgt Ion	Ratio	Lower	Upper
252	100		
253	58.4	18.9	28.3#
125	0.0	5.4	8.2#



#90
Benzo(a)pyrene
Concen: 0.074 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038517.D
Acq: 13 Dec 2018 3:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	6.4	9.6#





#92

Benzo(g,h,i)perylene

Concen: 0.009 ng

RT: 30.00 min Scan# 4581

Delta R.T. 0.01 min

Lab File: BG038517.D

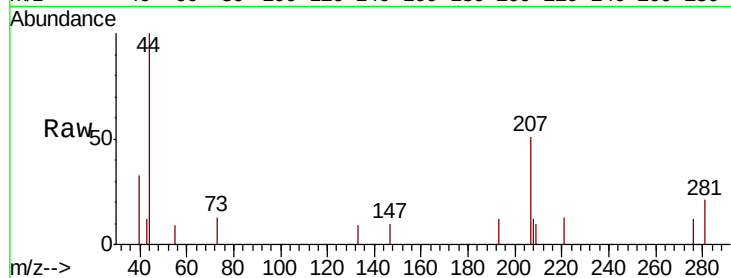
Acq: 13 Dec 2018 3:18

Instrument :

BNA_G

ClientSampleId :

DW-2



Tgt Ion:	276	Resp:	77
Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.8	29.8#
138	0.0	11.8	17.6#

