

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038510.D
 Acq On : 12 Dec 2018 22:43
 Operator : JU/SJ
 Sample : J6193-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-C

Quant Time: Dec 13 06:11:20 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	23333	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	92574	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58791	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	159331	20.00	ng	0.00
76) Chrysene-d12	21.72	240	190985	20.00	ng	0.00
87) Perylene-d12	25.01	264	200304	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	185318	140.87	ng	0.00
7) Phenol-d6	7.21	99	224669	124.40	ng	0.00
23) Nitrobenzene-d5	9.24	82	179830	99.24	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	136612	168.61	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	409569	95.57	ng	0.00
79) Terphenyl-d14	20.04	244	947195	107.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	64	0.105	ng	# 1
4) n-Nitrosodimethylamine	3.84	42	337	0.408	ng	# 1
6) Aniline	7.58	93	77	0.033	ng	# 1
9) Benzaldehyde	7.21	77	441	0.376	ng	# 3
10) Phenol	7.59	94	434	0.226	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	77	0.050	ng	# 1
15) Benzyl Alcohol	8.38	79	2637	1.871	ng	# 47
16) 2,2'-oxybis(1-Chloropropan	8.57	45	60	0.017	ng	# 78
18) Hexachloroethane	9.23	117	115	0.171	ng	# 1
19) n-Nitroso-di-n-propylamine	9.24	70	23996	18.918	ng	# 71
24) Nitrobenzene	9.24	77	586	0.320	ng	# 39
31) Naphthalene	10.93	128	3985	0.874	ng	# 96
33) 4-Chloroaniline	10.93	127	645	0.326	ng	# 44
37) 2-Methylnaphthalene	12.75	142	2314	0.711	ng	# 96
38) 1-Methylnaphthalene	12.75	142	2314	0.733	ng	# 99
46) 1,1'-Biphenyl	13.53	154	792	0.161	ng	# 41
48) 2-Nitroaniline	13.32	65	573	0.473	ng	# 12
49) Acenaphthylene	14.77	152	75	0.013	ng	# 60
51) 2,6-Dinitrotoluene	14.70	165	7556	6.945	ng	# 19
52) Acenaphthene	14.76	154	215	0.063	ng	# 55
55) Dibenzofuran	15.11	168	414	0.071	ng	# 43
57) 2,4-Dinitrotoluene	14.70	165	7556	4.931	ng	# 21
58) Fluorene	15.74	166	427	0.099	ng	# 60
60) Diethylphthalate	15.49	149	68	0.013	ng	# 59
63) Azobenzene	16.18	77	772	0.175	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.18	198	379	0.333	ng	# 1
66) n-Nitrosodiphenylamine	16.18	169	5342	1.141	ng	# 39
67) 4-Bromophenyl-phenylether	16.18	248	8988	4.619	ng	# 1
71) Phenanthrene	17.49	178	1101	0.133	ng	# 96
72) Anthracene	17.49	178	1101	0.135	ng	# 95
73) Carbazole	17.86	167	65	0.008	ng	# 59
74) Di-n-butylphthalate	18.38	149	1361	0.147	ng	# 77
75) Fluoranthene	19.49	202	67	0.007	ng	# 64
77) Benzidine	19.70	184	747	0.132	ng	# 66

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

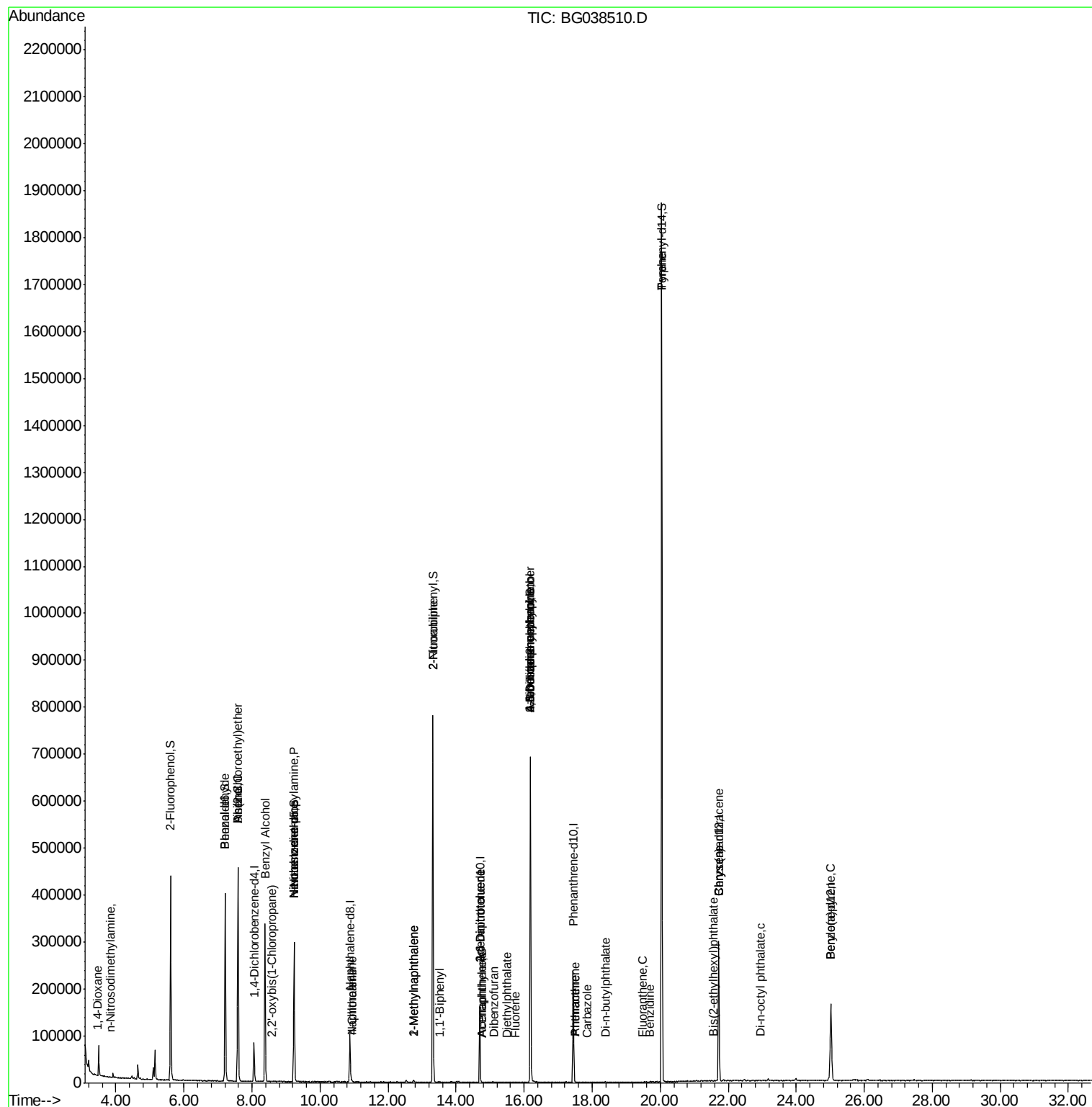
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	20.05	202	3693	0.293	ng	# 76
81) Benzo(a)anthracene	21.72	228	440	0.038	ng	# 51
83) Chrysene	21.72	228	440	0.039	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.57	149	112	0.016	ng	# 53
85) Di-n-octyl phthalate	22.94	149	56	0.005	ng	# 1
90) Benzo(a)pyrene	25.02	252	706	0.067	ng	# 60

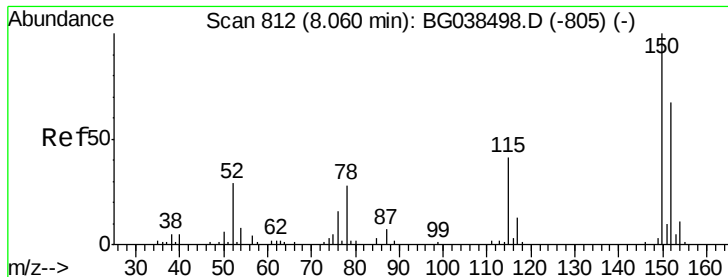
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

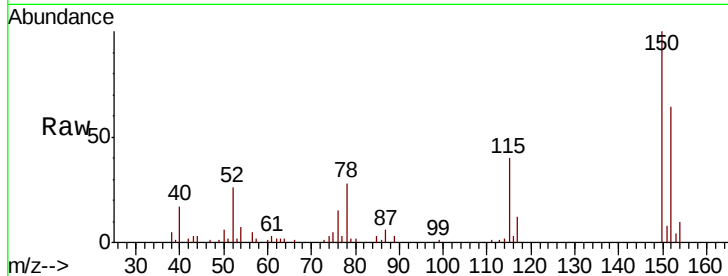
Tgt Ion:152 Resp: 23333

Ion Ratio Lower Upper

152 100

150 156.5 119.5 179.3

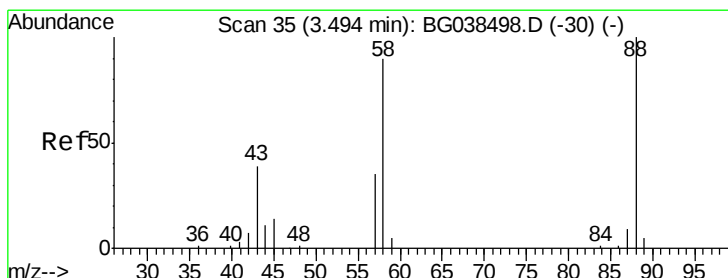
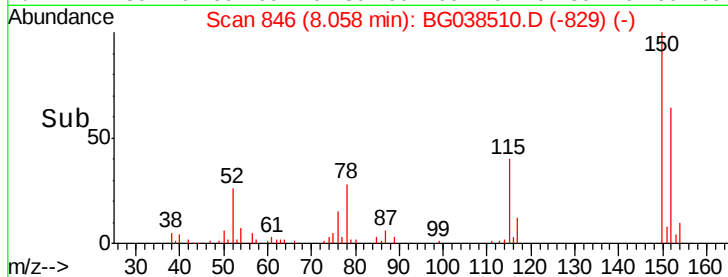
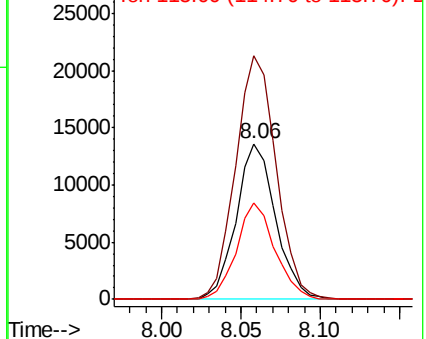
115 62.1 49.6 74.4



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: 0.105 ng

RT: 3.46 min Scan# 64

Delta R.T. -0.03 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

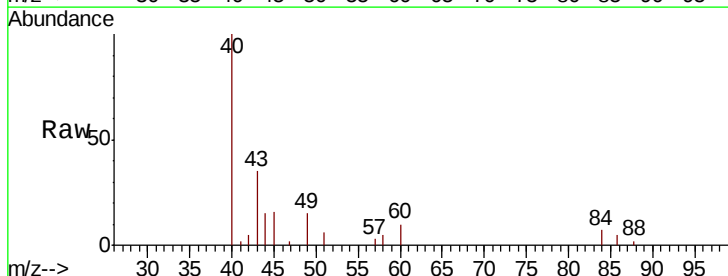
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

58 607.8 75.7 113.5#

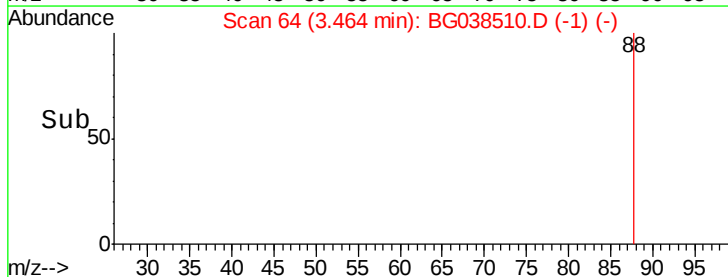
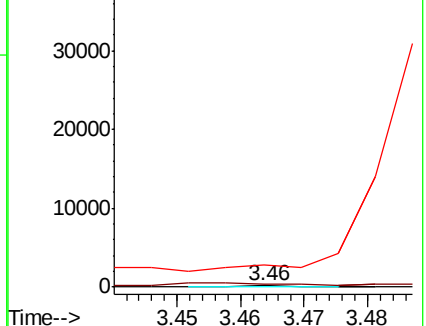
43 0.0 31.6 47.4#

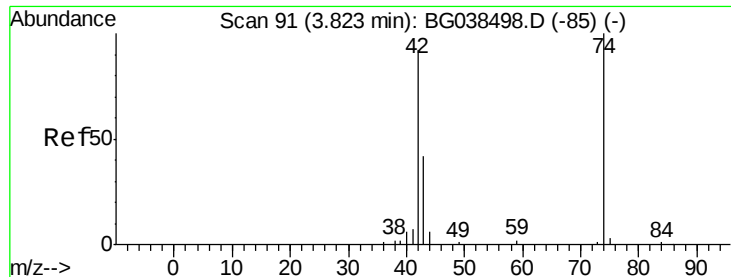


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



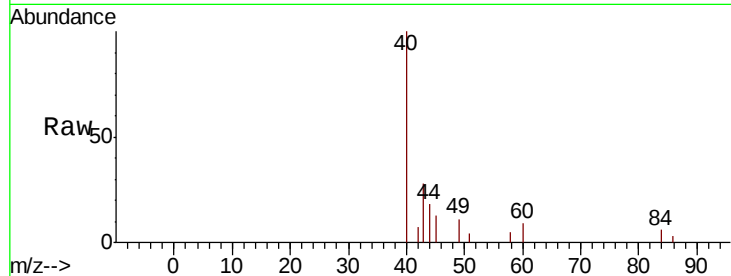


#4

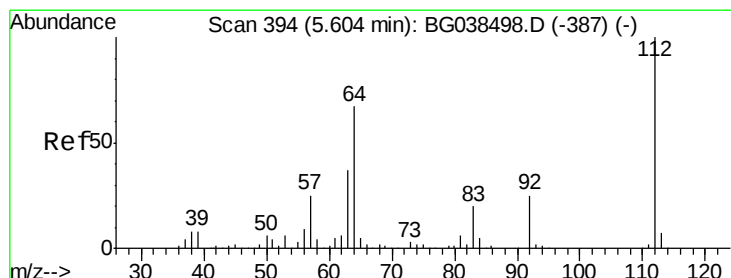
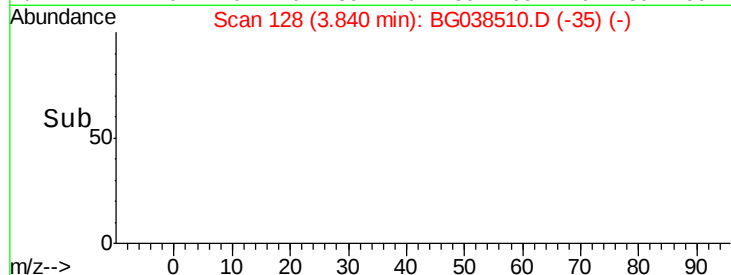
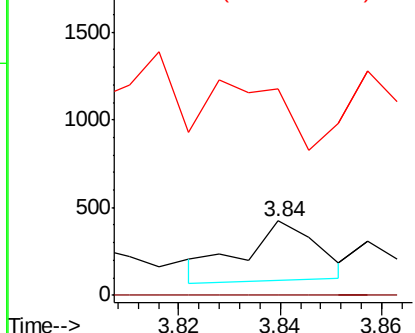
n-Nitrosodimethylamine
 Concen: 0.408 ng
 RT: 3.84 min Scan# 128
 Delta R.T. 0.02 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-C

Tgt Ion: 42 Resp: 337
 Ion Ratio Lower Upper
 42 100
 74 0.0 86.7 130.1#
 44 277.6 7.8 11.8#



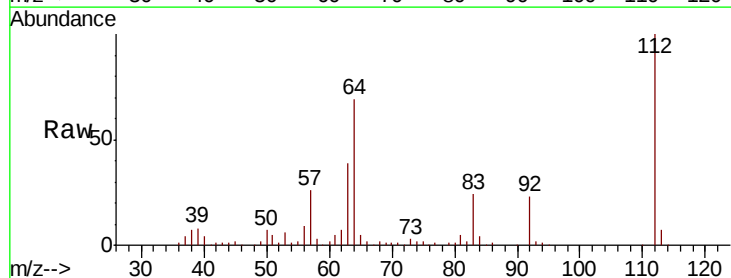
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



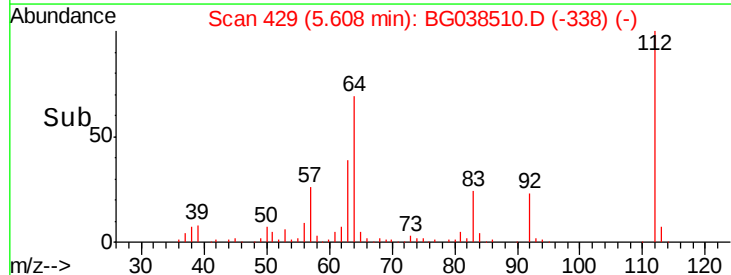
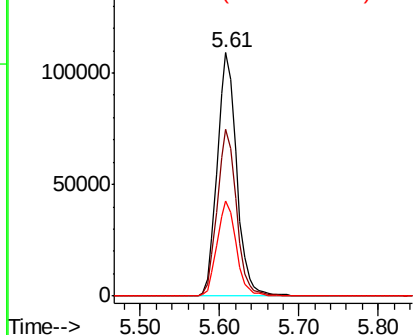
#5

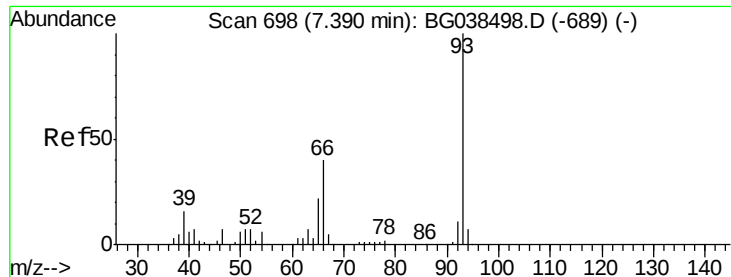
2-Fluorophenol
 Concen: 140.869 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Tgt Ion: 112 Resp: 185318
 Ion Ratio Lower Upper
 112 100
 64 68.5 53.4 80.2
 63 38.9 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: 0.033 ng

RT: 7.58 min Scan# 765

Delta R.T. 0.19 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

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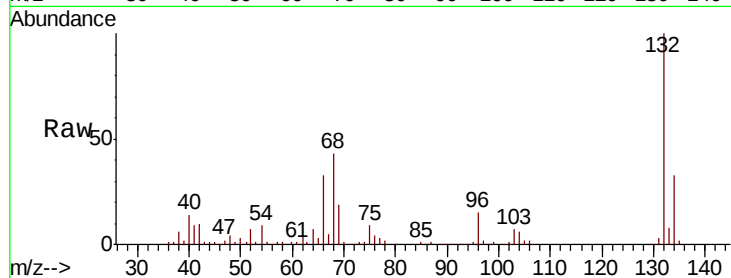
Tgt Ion: 93 Resp: 77

Ion Ratio Lower Upper

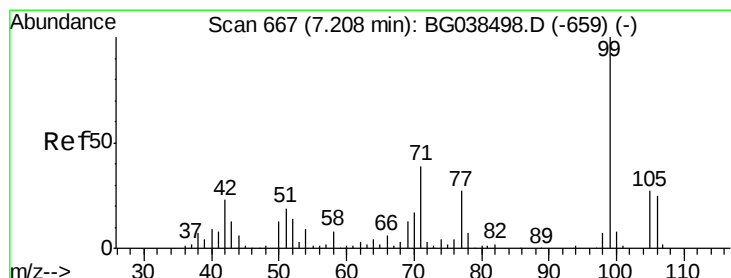
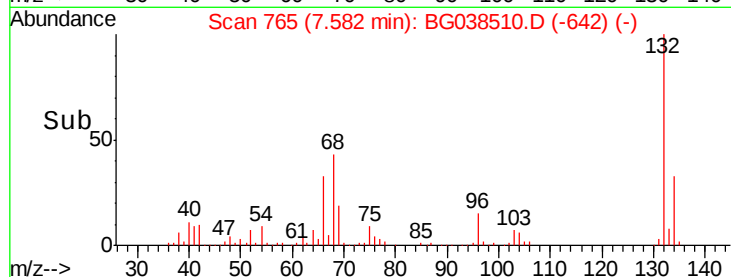
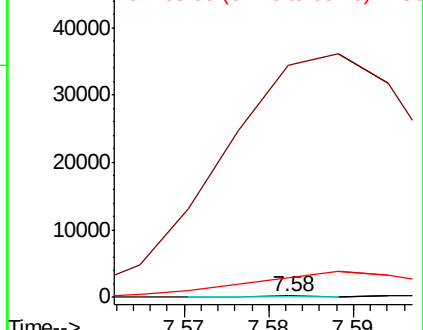
93 100

66 15696.8 31.7 47.5#

65 1313.7 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: 124.403 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

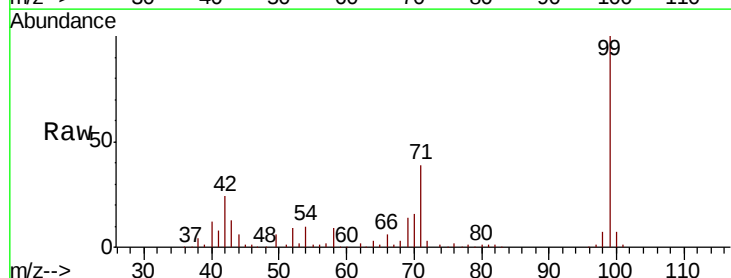
Tgt Ion: 99 Resp: 224669

Ion Ratio Lower Upper

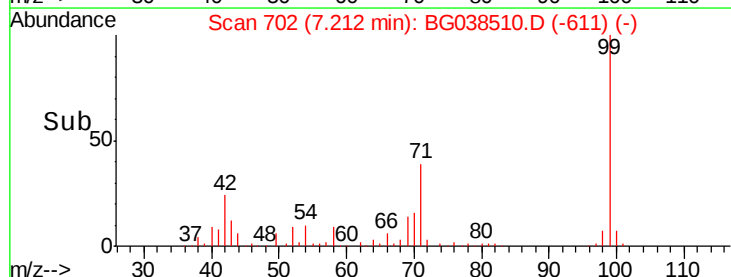
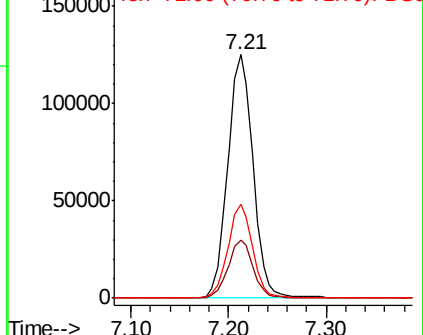
99 100

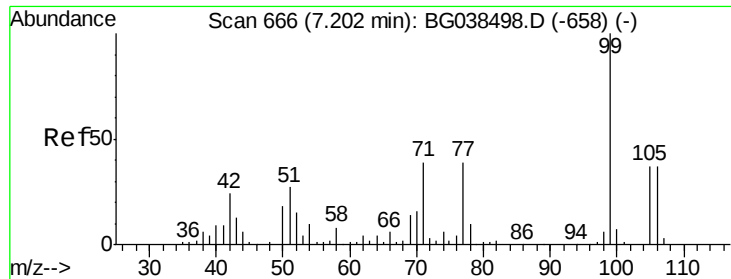
42 24.1 18.5 27.7

71 38.7 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

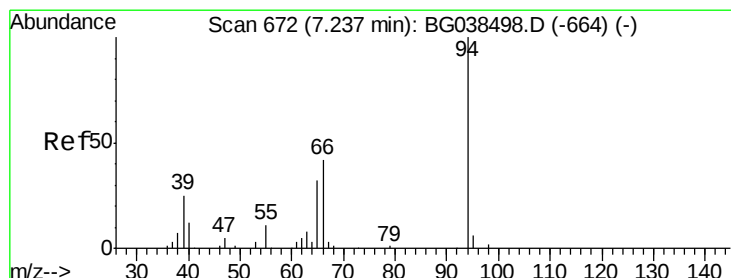
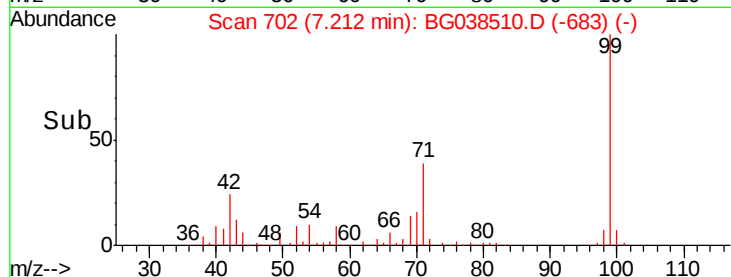
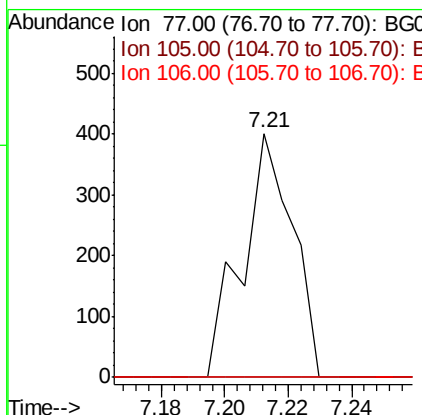
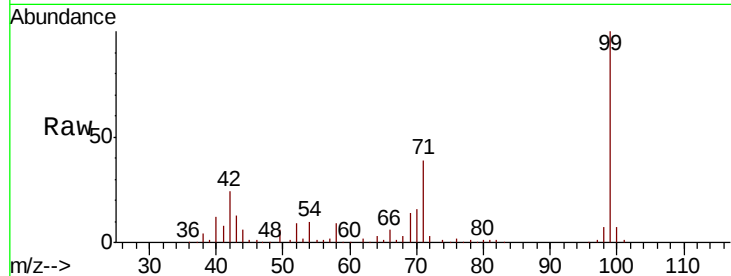




#9
Benzaldehyde
Concen: 0.376 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

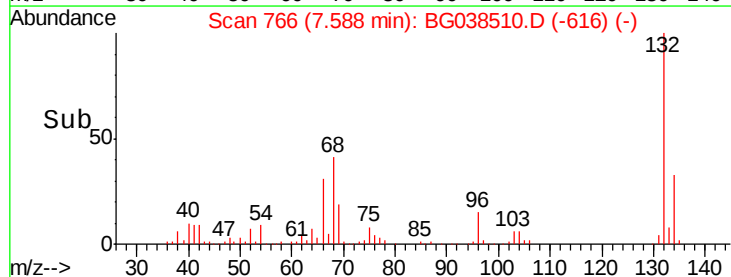
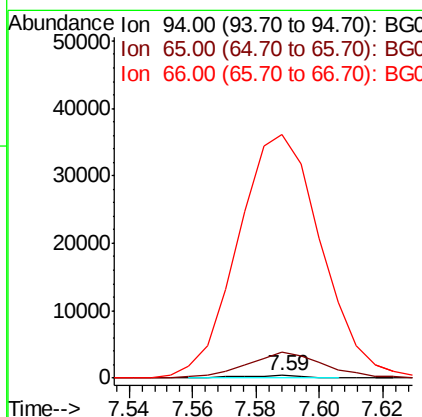
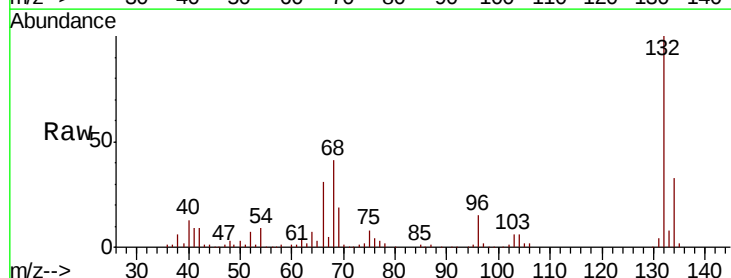
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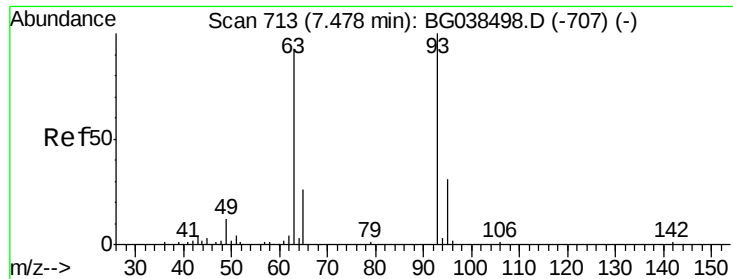
Tgt Ion: 77 Resp: 441
Ion Ratio Lower Upper
77 100
105 0.0 74.0 114.0#
106 0.0 73.9 113.9#



#10
Phenol
Concen: 0.226 ng
RT: 7.59 min Scan# 766
Delta R.T. 0.35 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion: 94 Resp: 434
Ion Ratio Lower Upper
94 100
65 985.1 12.6 52.6#
66 9281.2 24.1 64.1#

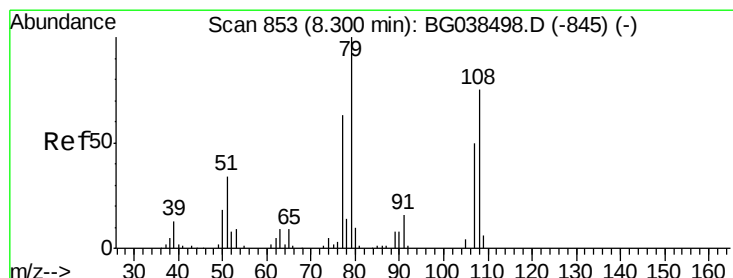
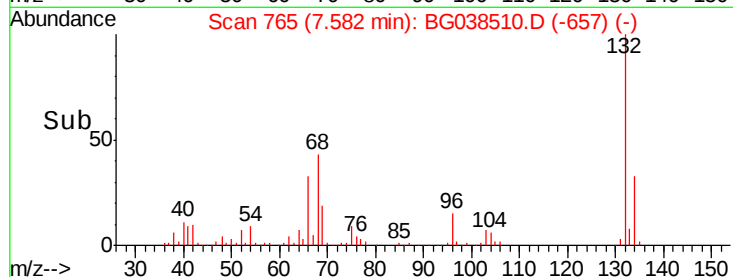
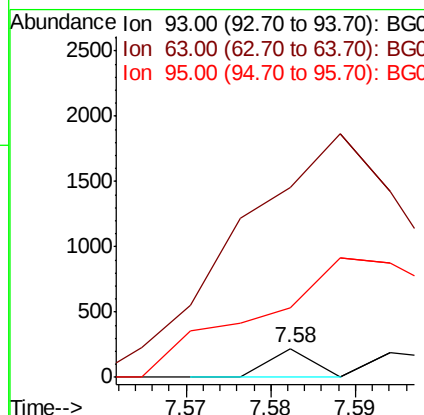
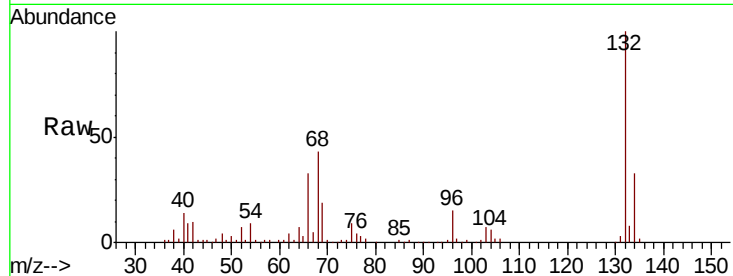




#11
bis(2-Chloroethyl)ether
Concen: 0.050 ng
RT: 7.58 min Scan# 765
Delta R.T. 0.10 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

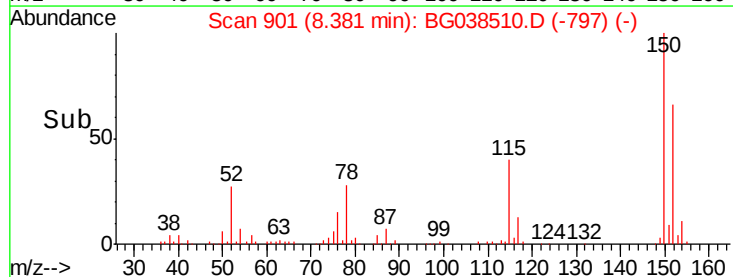
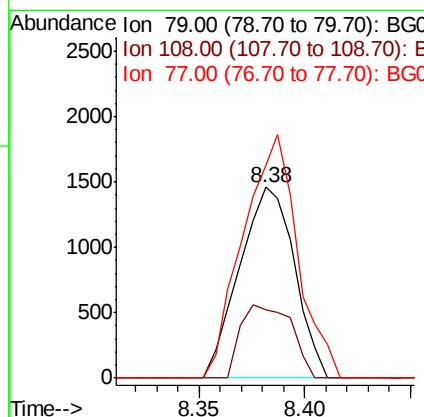
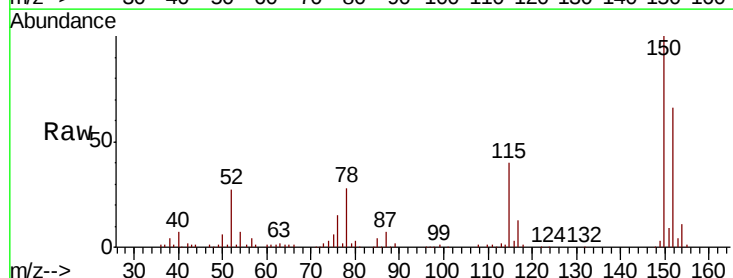
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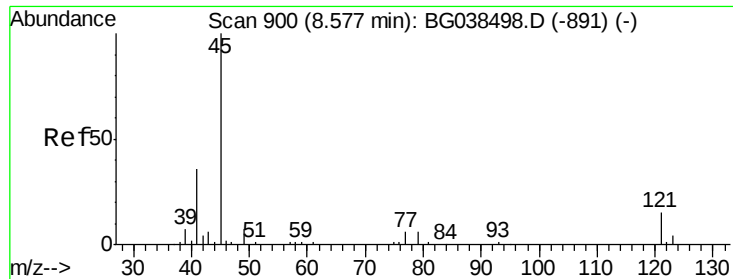
Tgt Ion: 93 Resp: 77
Ion Ratio Lower Upper
93 100
63 663.5 72.2 112.2#
95 241.6 11.2 51.2#



#15
Benzyl Alcohol
Concen: 1.871 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion: 79 Resp: 2637
Ion Ratio Lower Upper
79 100
108 35.8 60.2 90.4#
77 111.4 50.7 76.1#

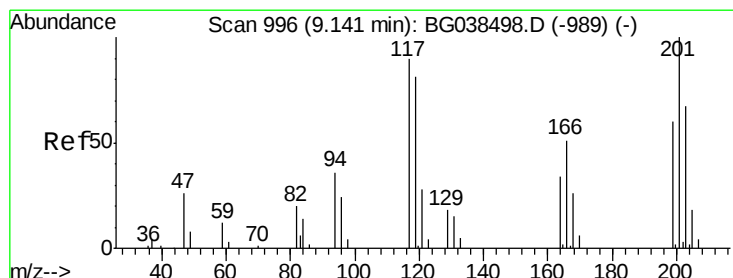
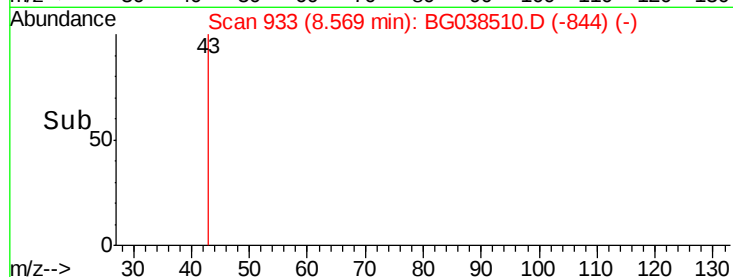
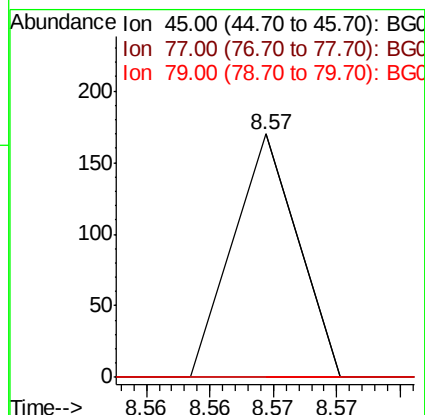
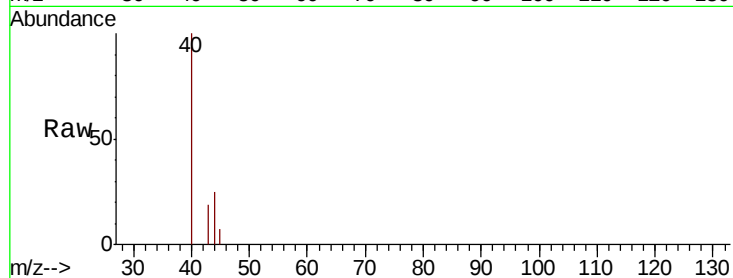




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.017 ng
RT: 8.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

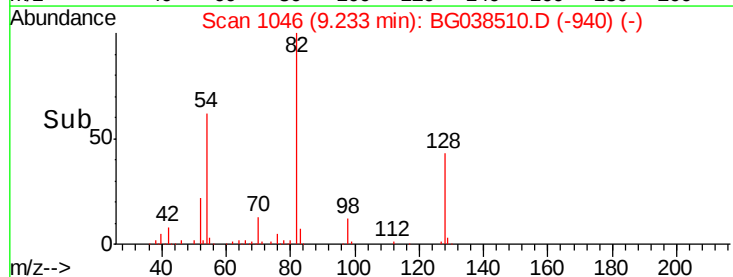
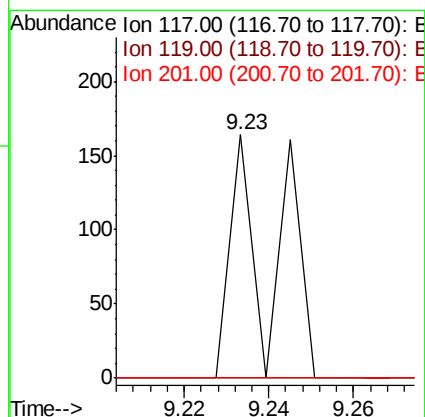
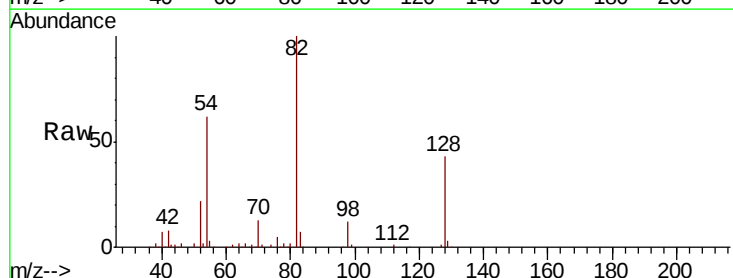
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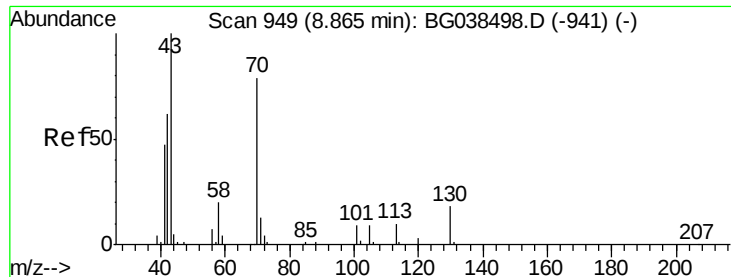
Tgt Ion: 45 Resp: 60
Ion Ratio Lower Upper
45 100
77 0.0 0.0 28.2
79 0.0 0.0 27.2



#18
Hexachloroethane
Concen: 0.171 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.09 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion: 117 Resp: 115
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
201 0.0 89.4 134.0#

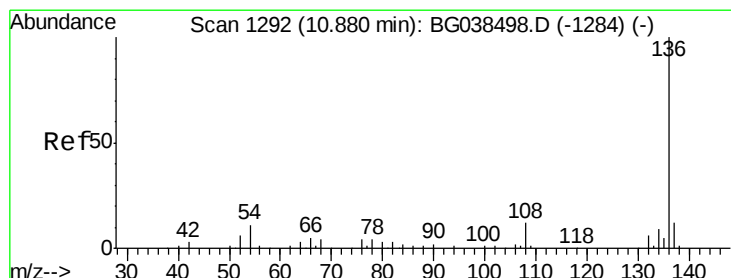
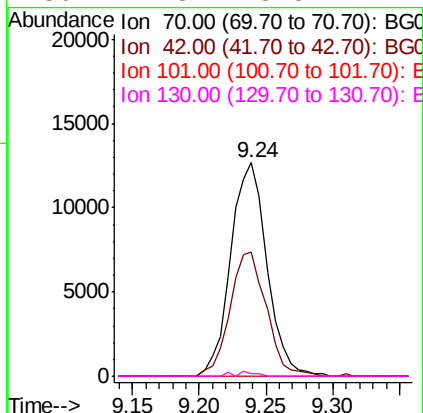
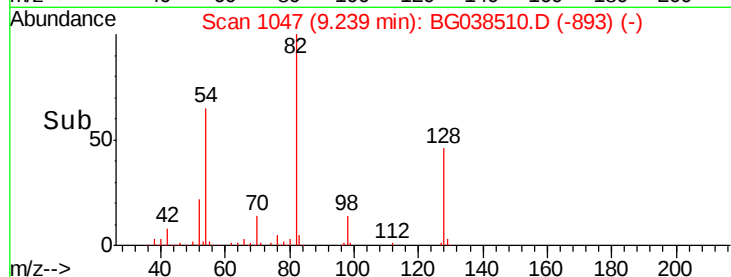
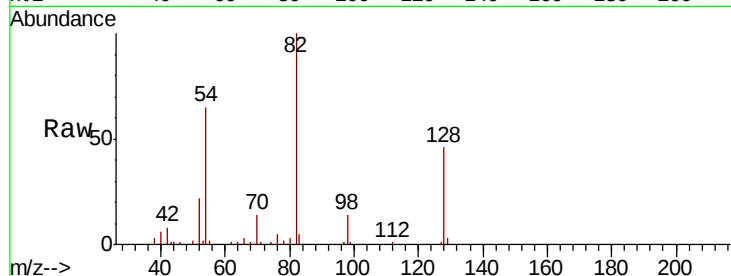




#19
n-Nitroso-di-n-propylamine
Concen: 18.918 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

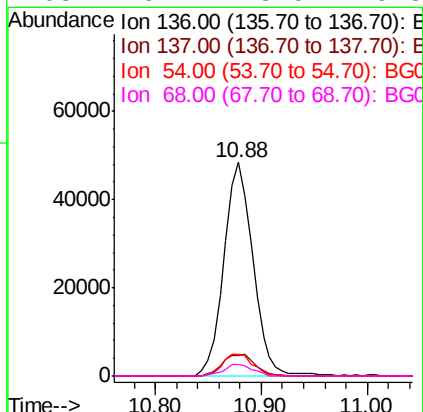
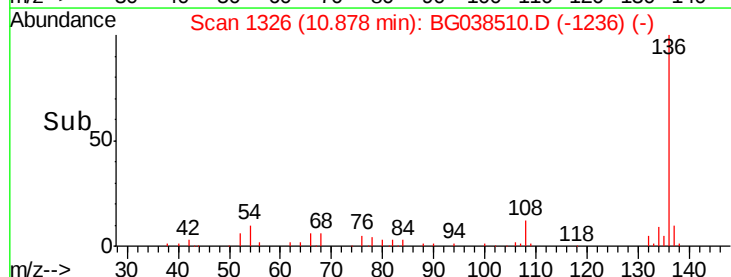
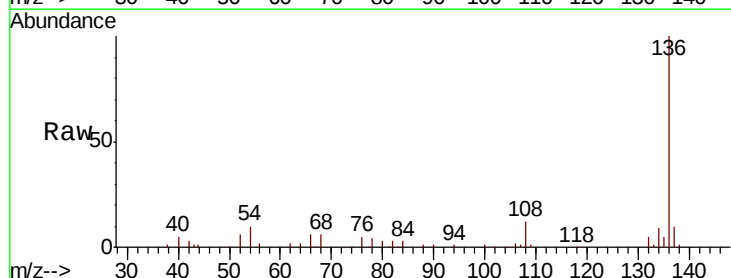
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-C

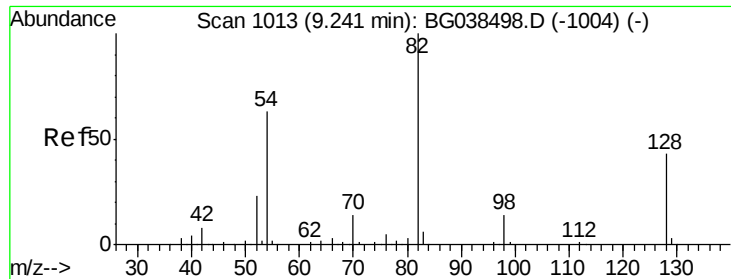
Tgt Ion: 70 Resp: 23996
Ion Ratio Lower Upper
70 100
42 58.1 63.6 95.4#
101 0.0 9.2 13.8#
130 1.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion: 136 Resp: 92574
Ion Ratio Lower Upper
136 100
137 9.8 9.3 13.9
54 10.4 8.5 12.7
68 5.7 3.5 5.3#

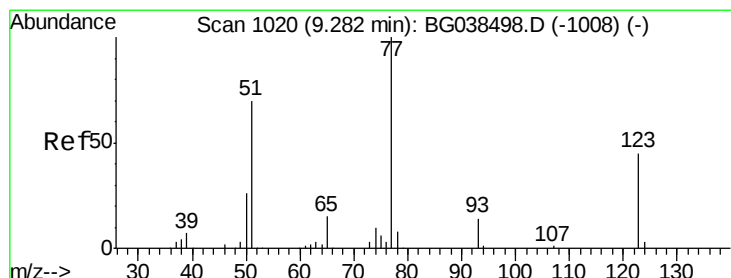
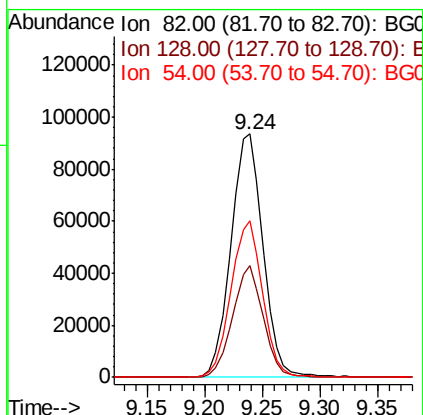
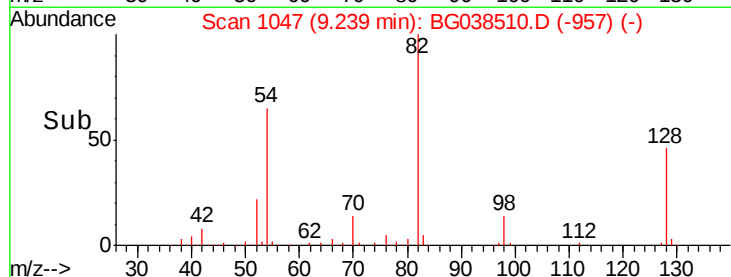
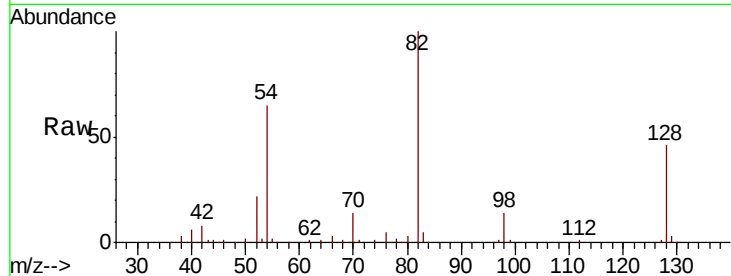




#23
Nitrobenzene-d5
Concen: 99.239 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

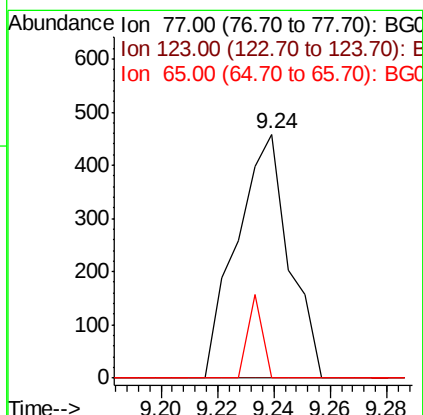
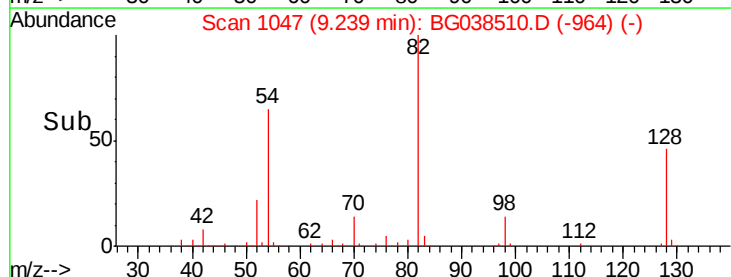
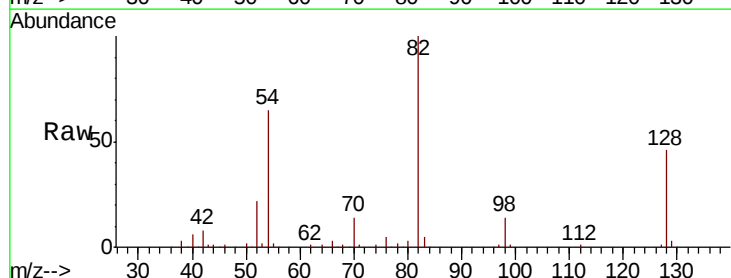
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-C

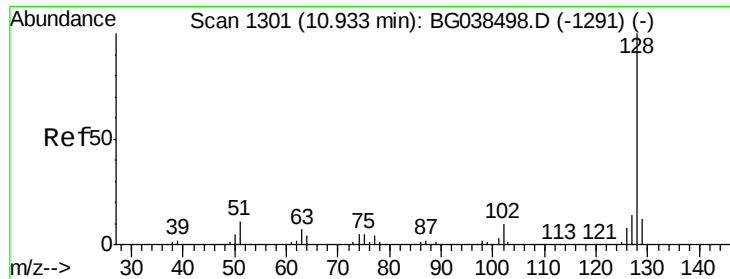
Tgt Ion: 82 Resp: 179830
Ion Ratio Lower Upper
82 100
128 46.2 34.6 52.0
54 64.6 50.6 76.0



#24
Nitrobenzene
Concen: 0.320 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.04 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion: 77 Resp: 586
Ion Ratio Lower Upper
77 100
123 0.0 35.9 53.9#
65 0.0 12.0 18.0#





#31

Naphthalene

Concen: 0.874 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

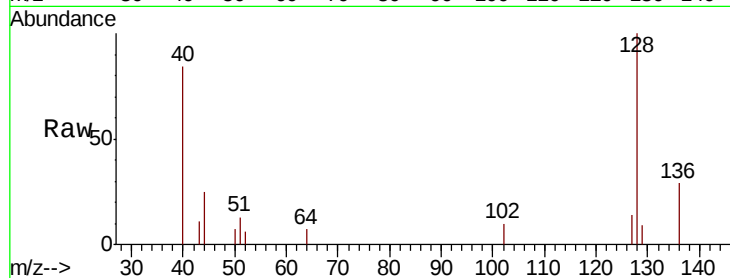
Tgt Ion:128 Resp: 3985

Ion Ratio Lower Upper

128 100

129 9.2 9.5 14.3#

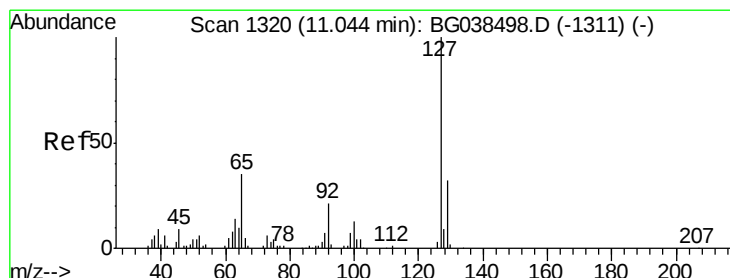
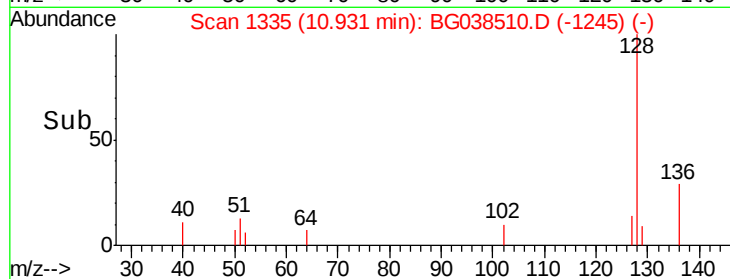
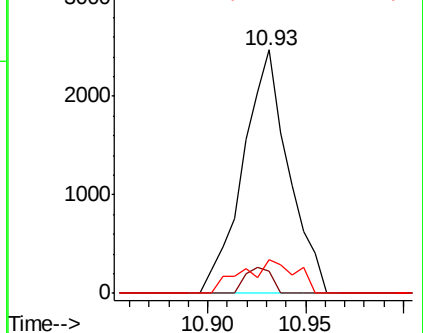
127 14.0 10.9 16.3



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



#33

4-Chloroaniline

Concen: 0.326 ng

RT: 10.93 min Scan# 1335

Delta R.T. -0.11 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Tgt Ion:127 Resp: 645

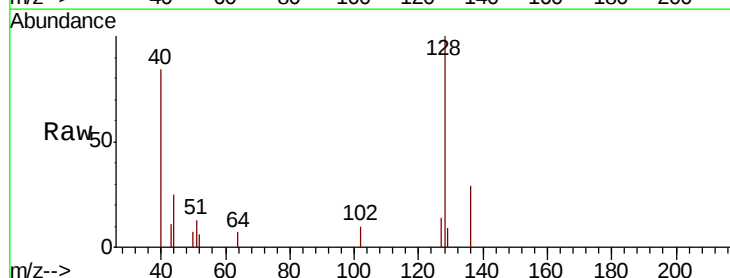
Ion Ratio Lower Upper

127 100

129 65.9 25.8 38.8#

65 0.0 27.8 41.6#

92 0.0 17.0 25.6#

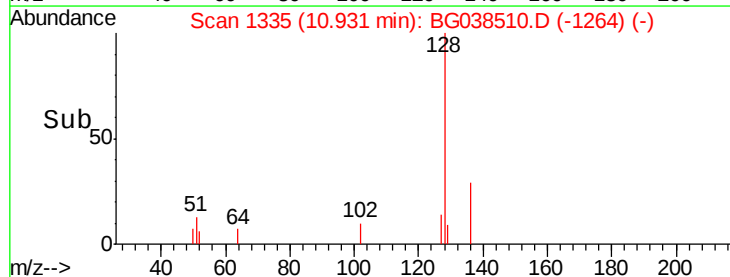
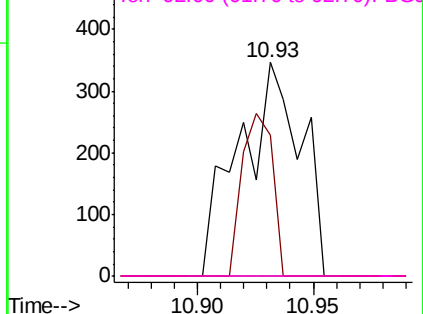


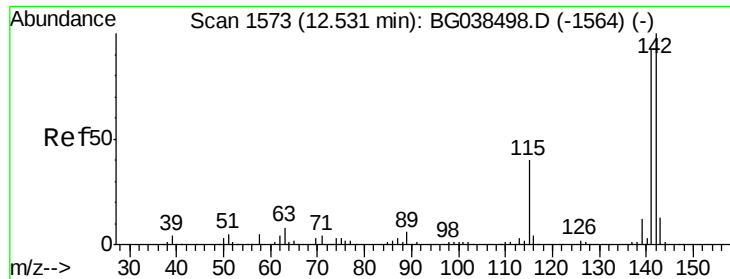
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

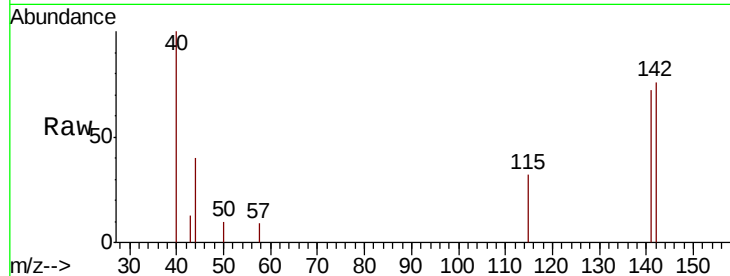




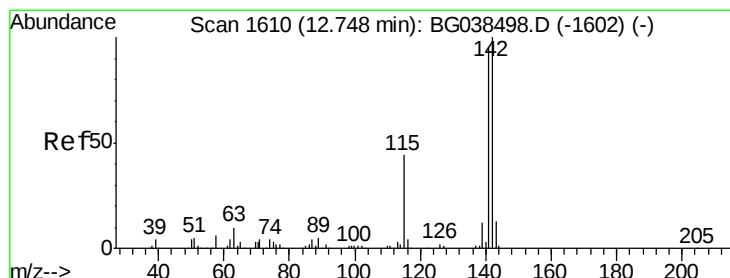
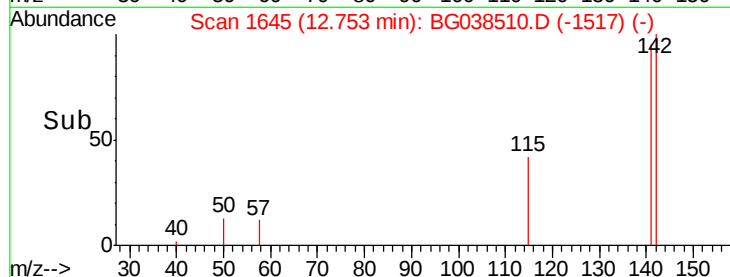
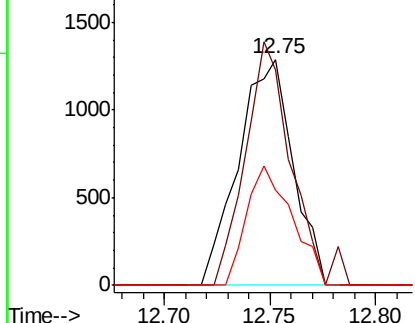
#37
 2-Methylnaphthalene
 Concen: 0.711 ng
 RT: 12.75 min Scan# 1645
 Delta R.T. 0.22 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-C

Tgt Ion:142 Resp: 2314
 Ion Ratio Lower Upper
 142 100
 141 95.4 73.5 110.3
 115 42.0 31.7 47.5

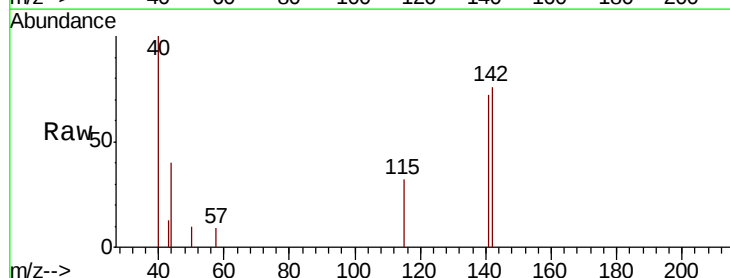


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

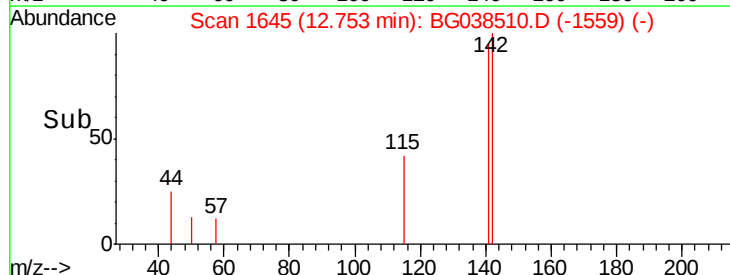
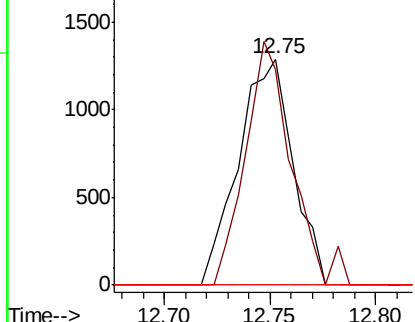


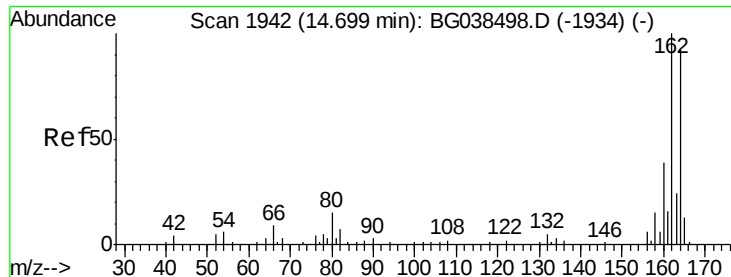
#38
 1-Methylnaphthalene
 Concen: 0.733 ng
 RT: 12.75 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Tgt Ion:142 Resp: 2314
 Ion Ratio Lower Upper
 142 100
 141 95.4 75.8 113.8
 116 0.0 3.6 5.4#



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

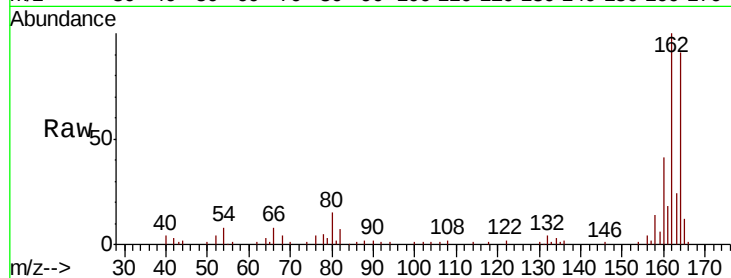
Tgt Ion:164 Resp: 58791

Ion Ratio Lower Upper

164 100

162 110.5 86.6 130.0

160 45.7 34.2 51.2

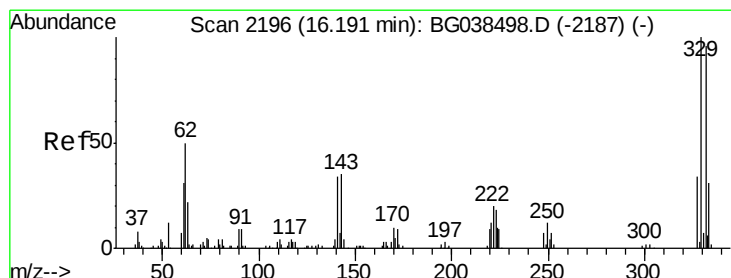
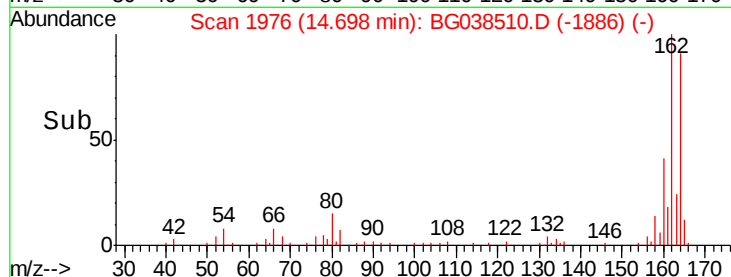
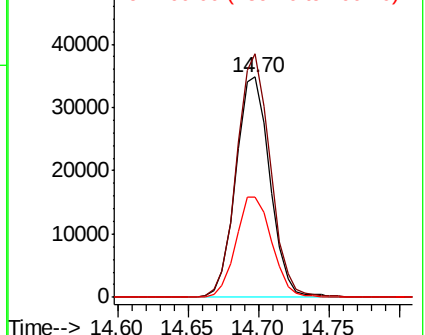


Abundance

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: 168.606 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

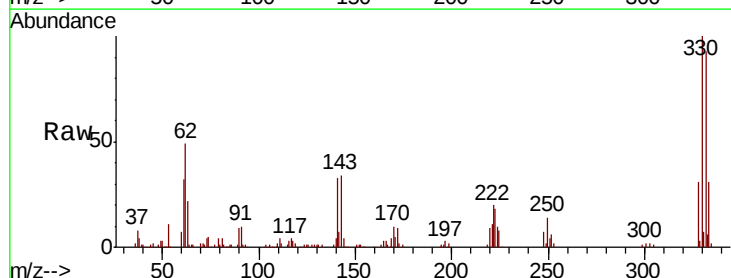
Tgt Ion:330 Resp: 136612

Ion Ratio Lower Upper

330 100

332 94.9 76.9 115.3

141 36.1 28.8 43.2

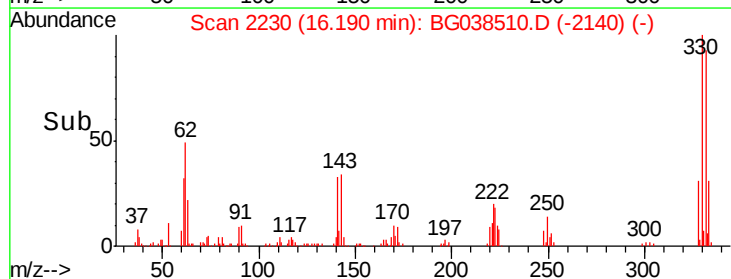
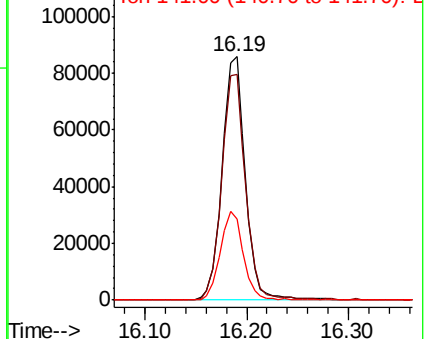


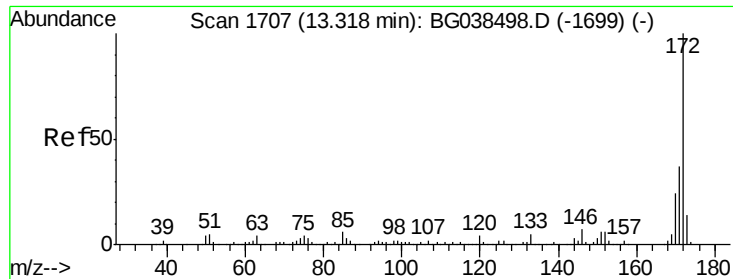
Abundance

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

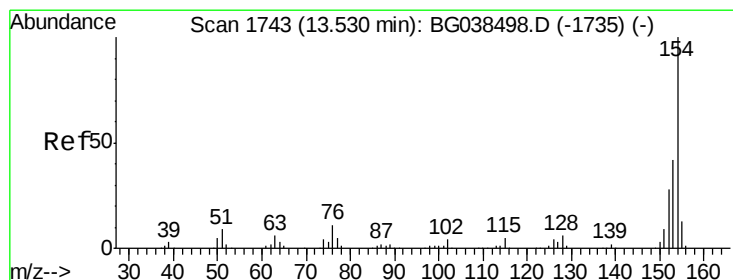
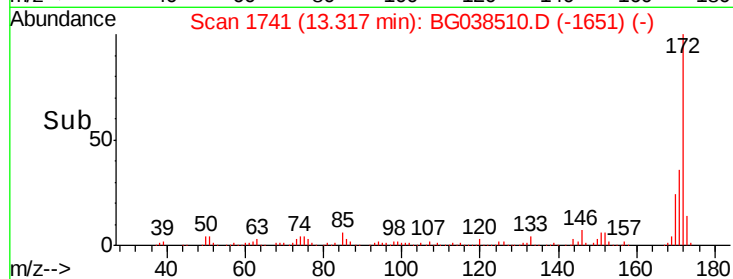
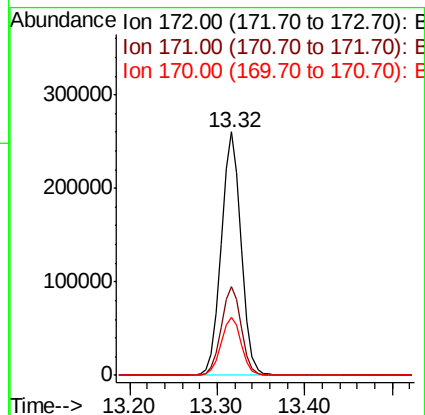
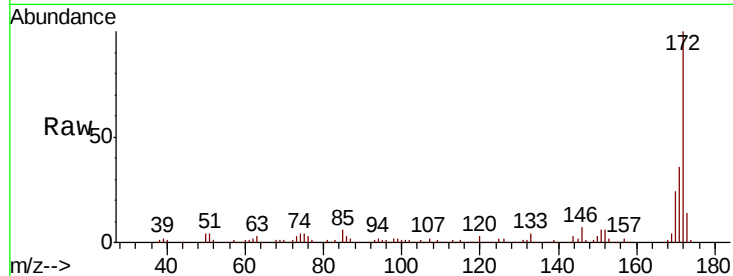




#45
 2-Fluorobiphenyl
 Concen: 95.570 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

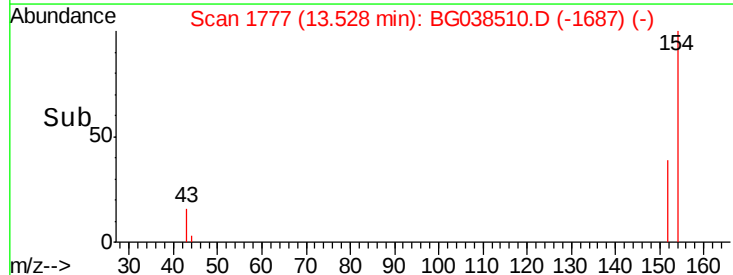
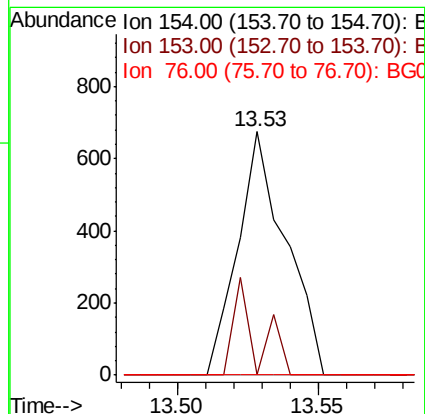
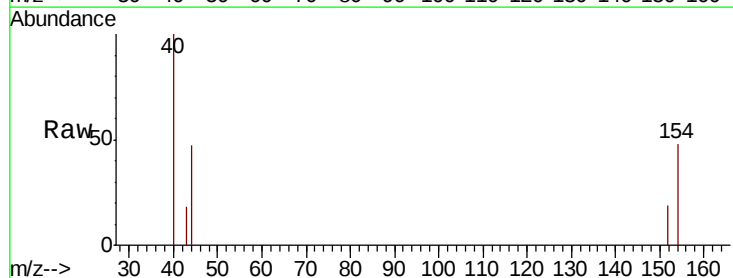
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-C

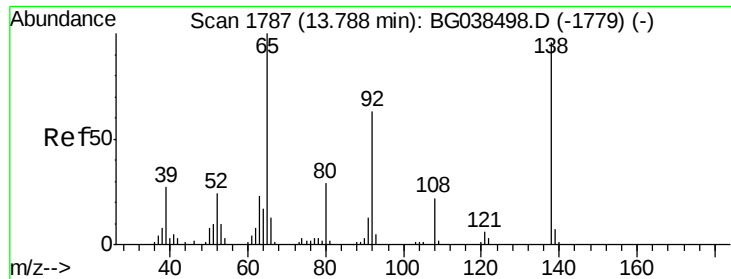
Tgt Ion:	172	Resp:	409569
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	23.8	19.5	29.3



#46
 1,1'-Biphenyl
 Concen: 0.161 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Tgt Ion:	154	Resp:	792
Ion	Ratio	Lower	Upper
154	100		
153	0.0	22.1	62.1#
76	0.0	0.0	31.2

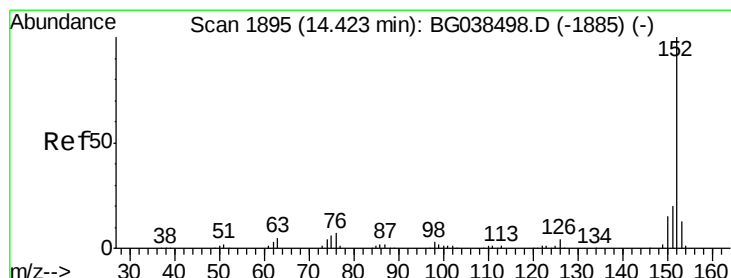
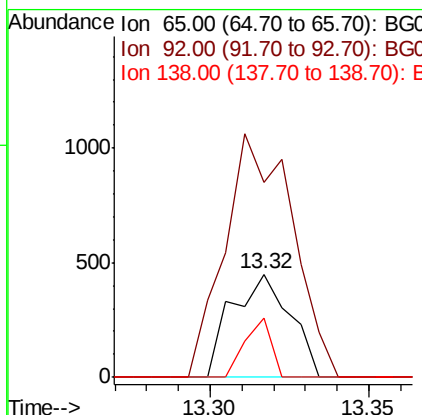
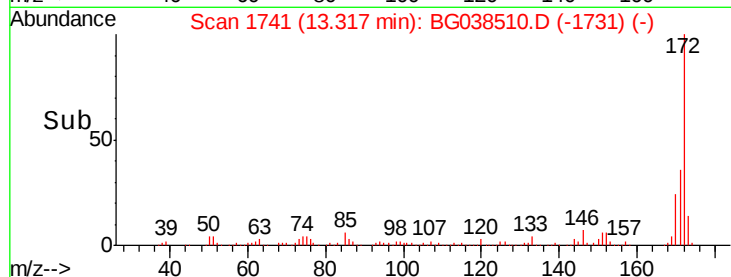
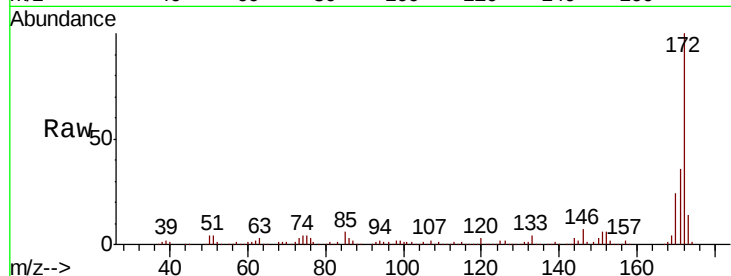




#48
2-Nitroaniline
Concen: 0.473 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.47 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

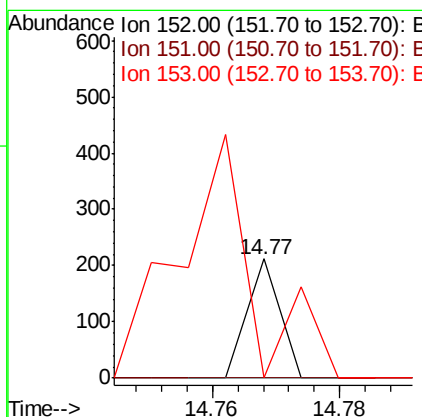
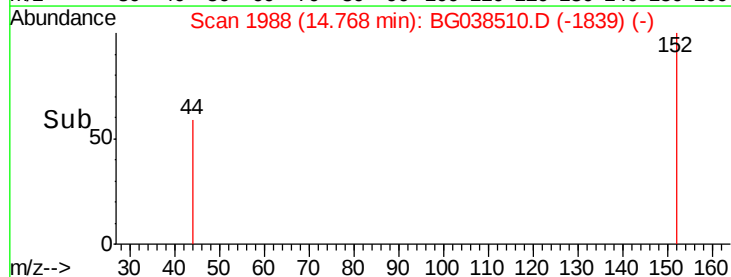
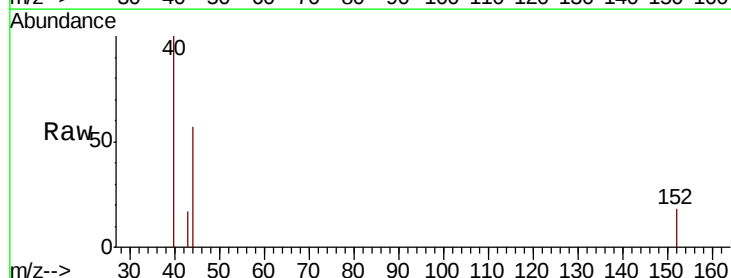
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-C

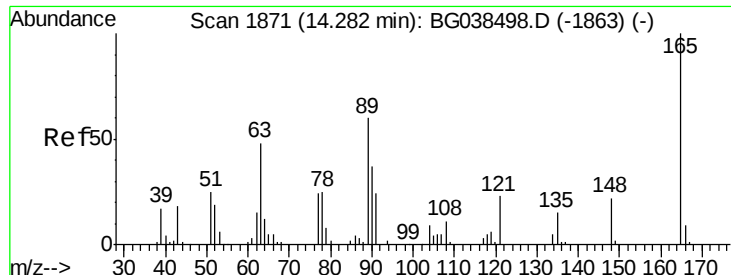
Tgt Ion: 65 Resp: 573
Ion Ratio Lower Upper
65 100
92 189.3 50.0 75.0#
138 57.8 76.9 115.3#



#49
Acenaphthylene
Concen: 0.013 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.35 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion: 152 Resp: 75
Ion Ratio Lower Upper
152 100
151 0.0 16.4 24.6#
153 0.0 10.4 15.6#

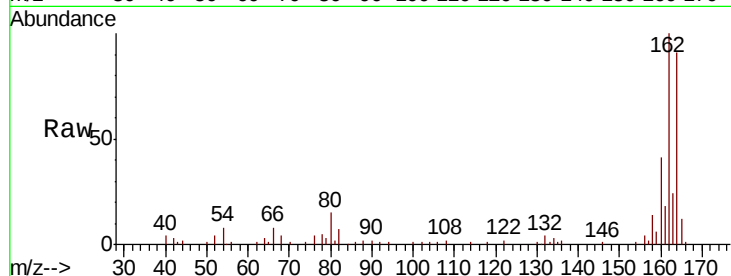




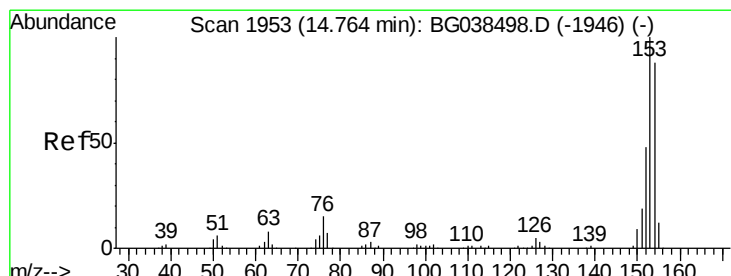
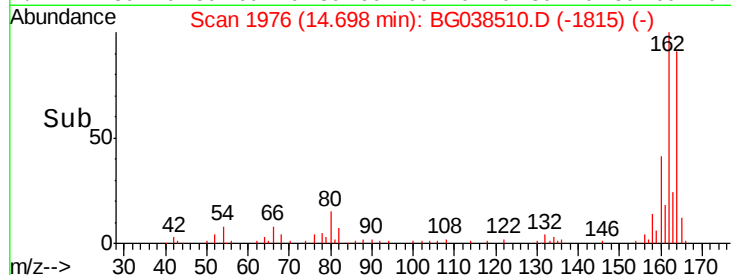
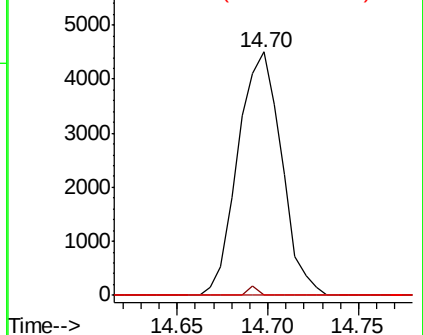
#51
2,6-Dinitrotoluene
Concen: 6.945 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.42 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-C

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

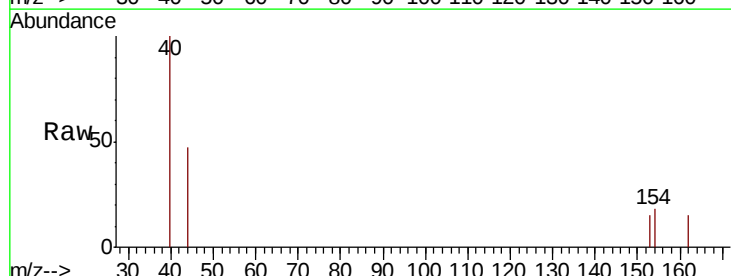


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

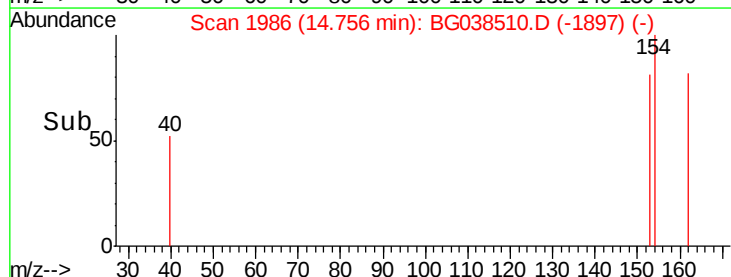
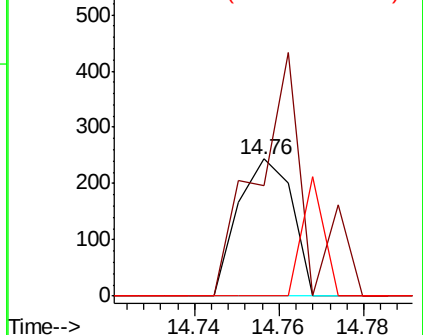


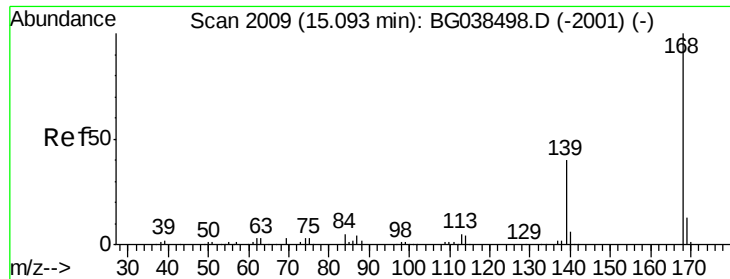
#52
Acenaphthene
Concen: 0.063 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	80.7	90.6	136.0#
152	0.0	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: 0.071 ng

RT: 15.11 min Scan# 2046

Delta R.T. 0.02 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

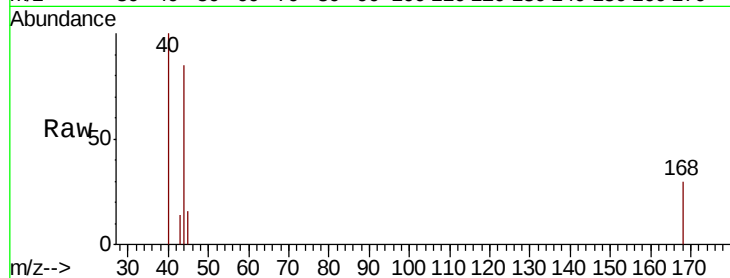
Tgt Ion:168 Resp: 414

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

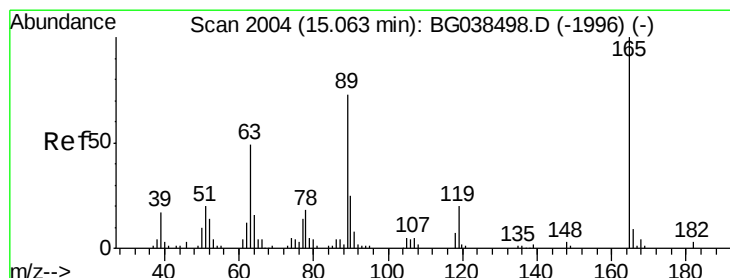
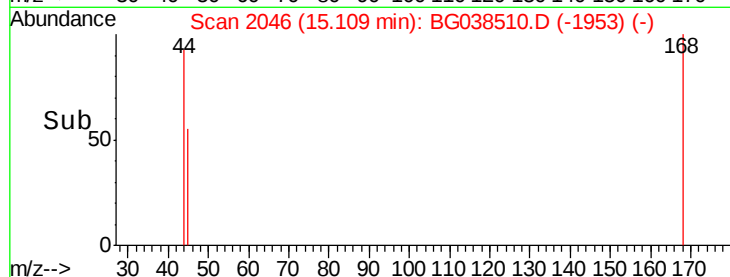
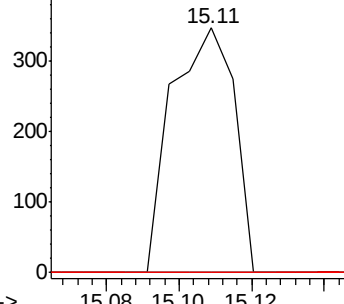
169 0.0 10.6 16.0#



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



#57

2,4-Dinitrotoluene

Concen: 4.931 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.37 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Tgt Ion:165 Resp: 7556

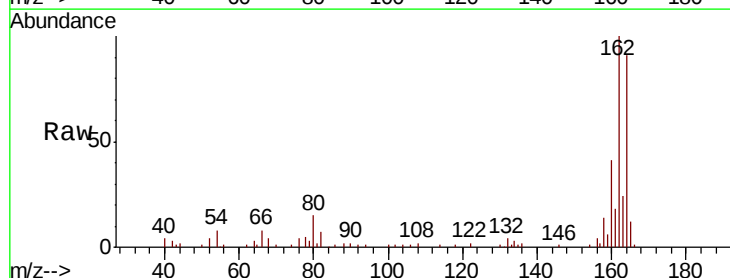
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#

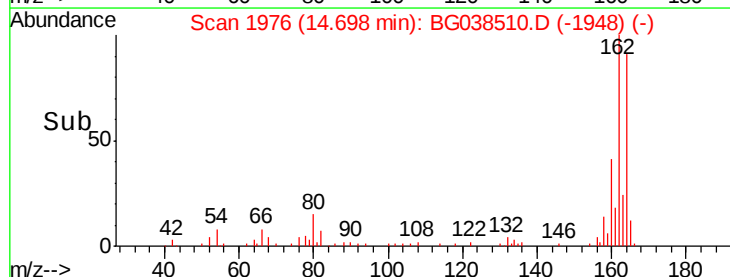
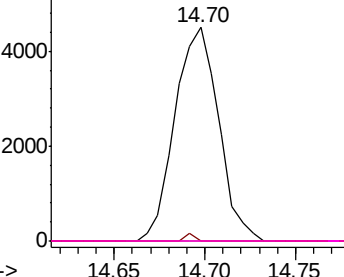


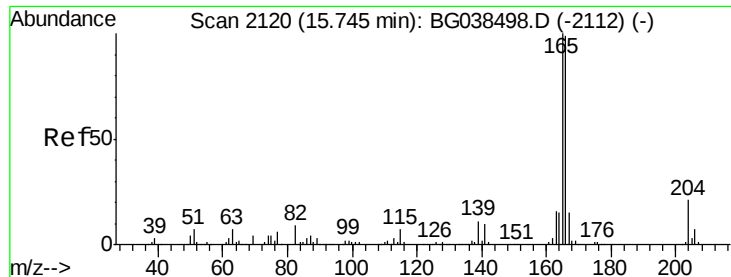
Abundance Ion 165.00 (164.70 to 165.70): E

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





#58

Fluorene

Concen: 0.099 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

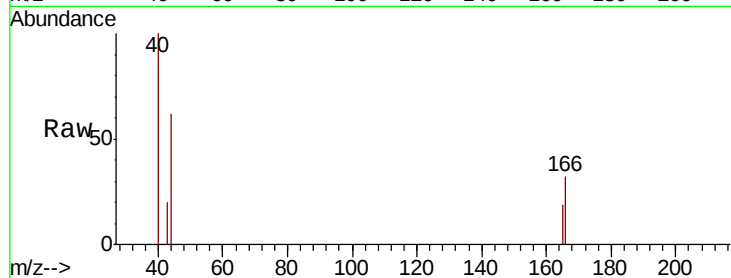
Tgt Ion:166 Resp: 427

Ion Ratio Lower Upper

166 100

165 60.4 80.6 120.8#

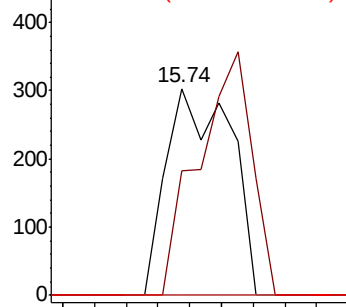
167 0.0 12.0 18.0#



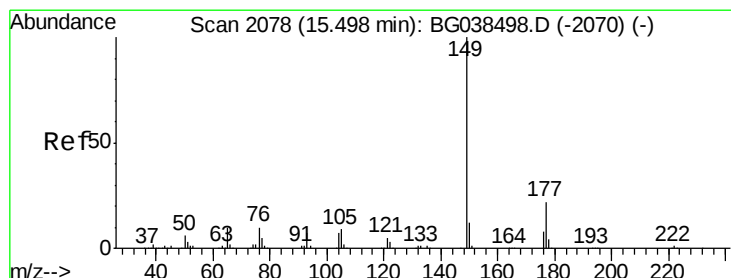
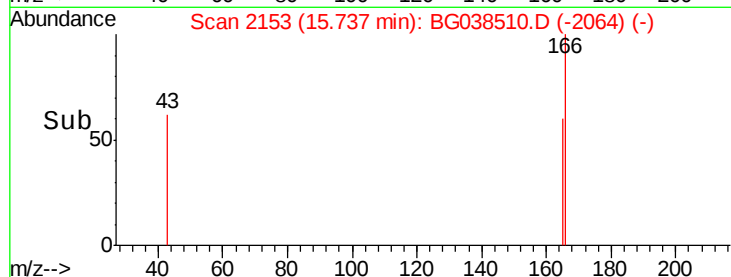
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#60

Diethylphthalate

Concen: 0.013 ng

RT: 15.49 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

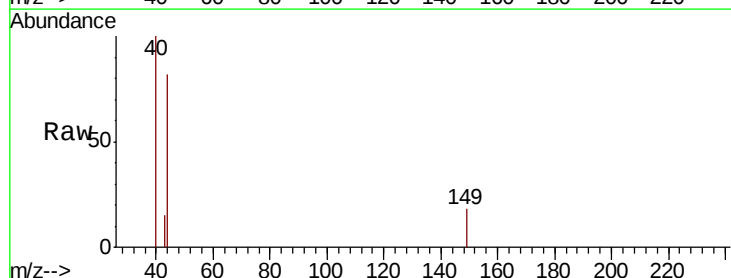
Tgt Ion:149 Resp: 68

Ion Ratio Lower Upper

149 100

177 0.0 17.7 26.5#

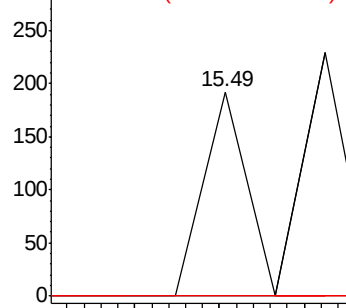
150 0.0 9.9 14.9#



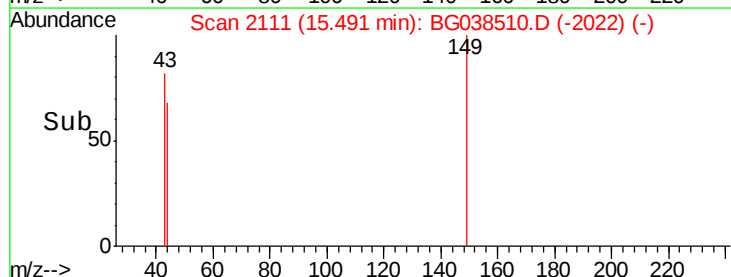
Abundance Ion 149.00 (148.70 to 149.70): E

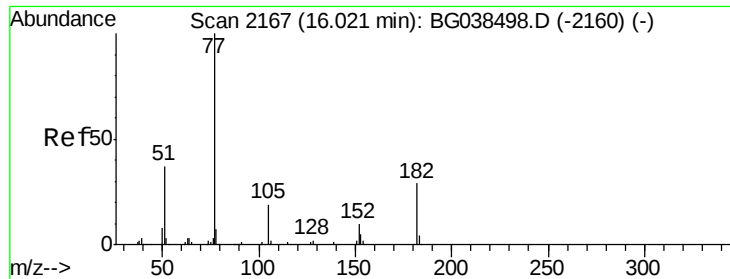
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



Time-->





#63

Azobenzene

Concen: 0.175 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.16 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

Tgt Ion: 77 Resp: 772

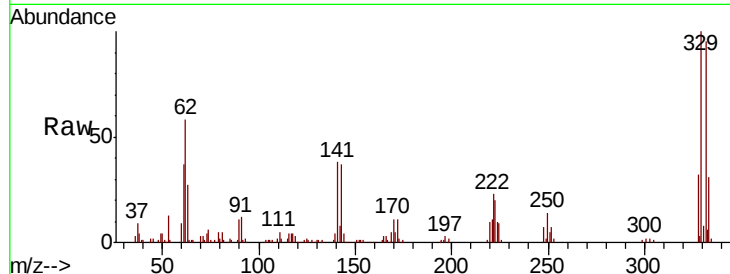
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 74.4 0.0 38.7#

51 80.0 16.6 56.6#

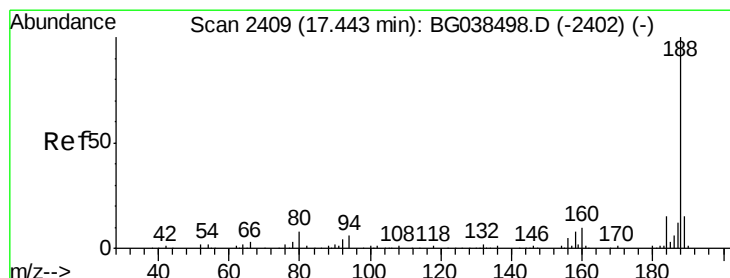
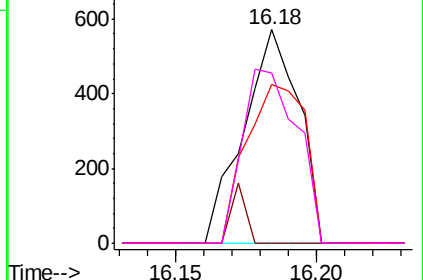
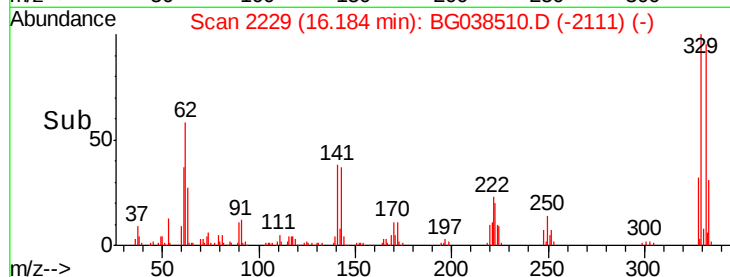


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038510.D

Acq: 12 Dec 2018 22:43

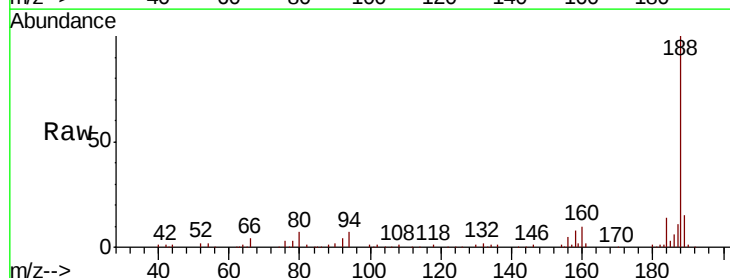
Tgt Ion: 188 Resp: 159331

Ion Ratio Lower Upper

188 100

94 7.0 5.1 7.7

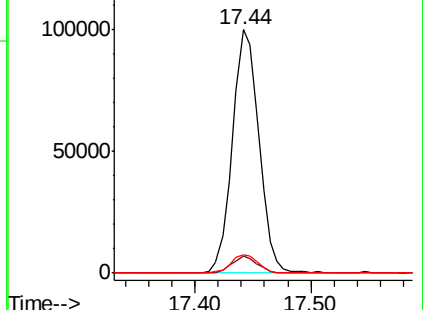
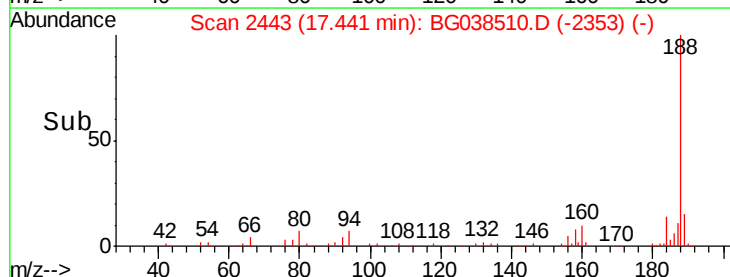
80 7.5 6.1 9.1

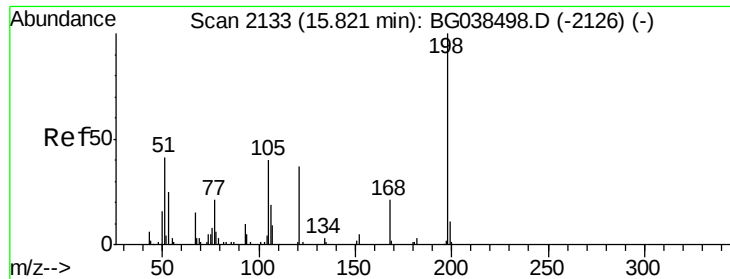


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

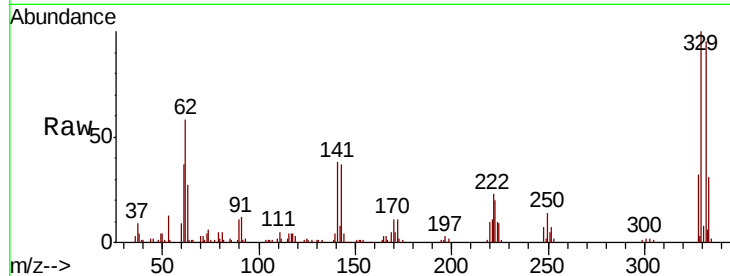




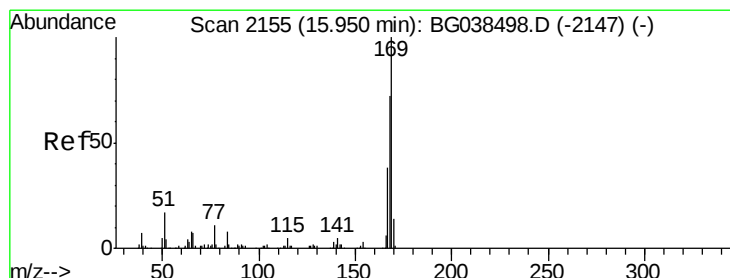
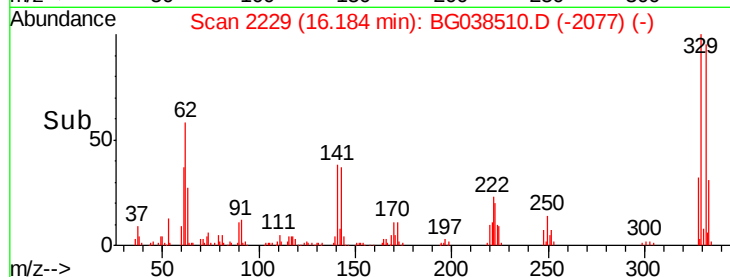
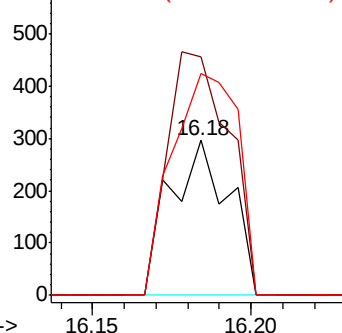
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.333 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.36 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-C

Tgt Ion:198 Resp: 379
 Ion Ratio Lower Upper
 198 100
 51 154.4 28.6 68.6#
 105 143.6 20.4 60.4#

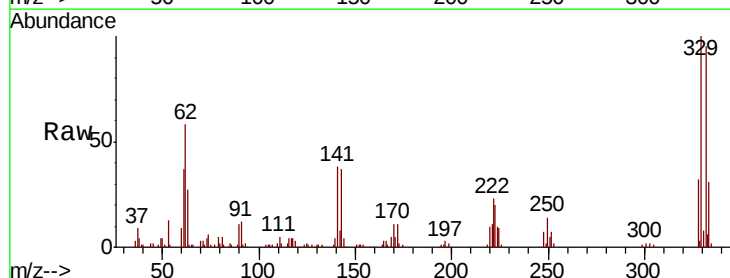


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

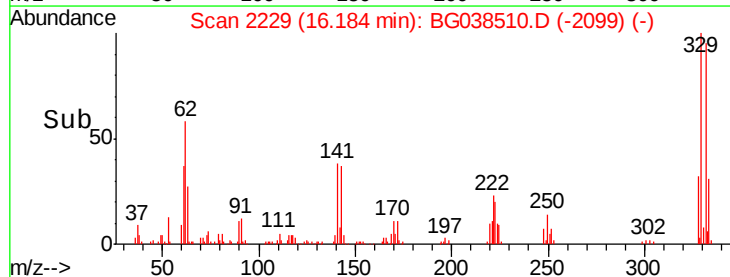
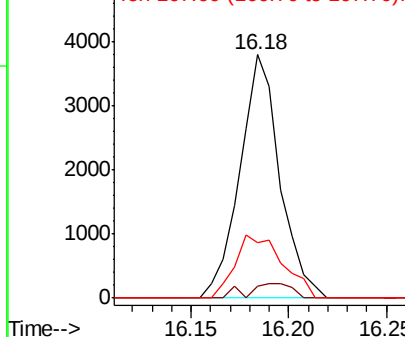


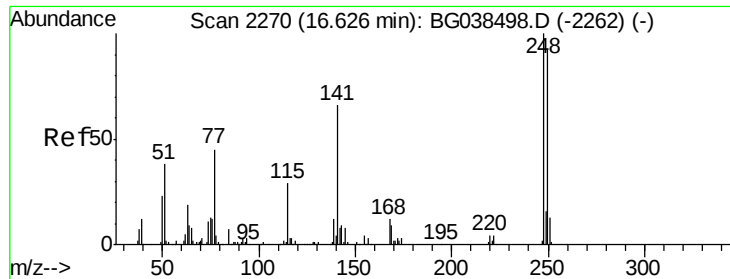
#66
 n-Nitrosodiphenylamine
 Concen: 1.141 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.23 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Tgt Ion:169 Resp: 5342
 Ion Ratio Lower Upper
 169 100
 168 5.1 57.5 86.3#
 167 23.0 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

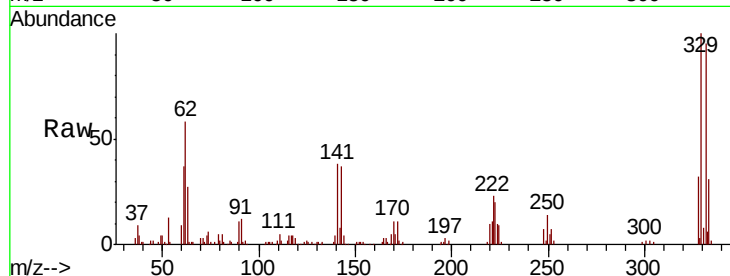




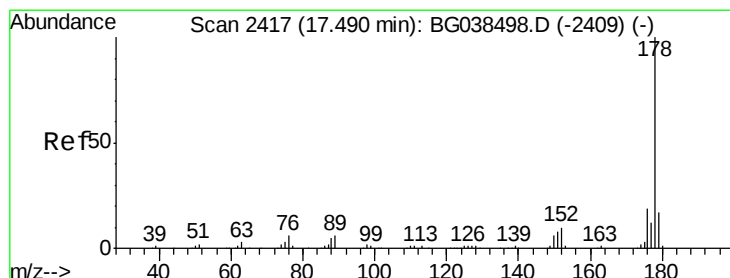
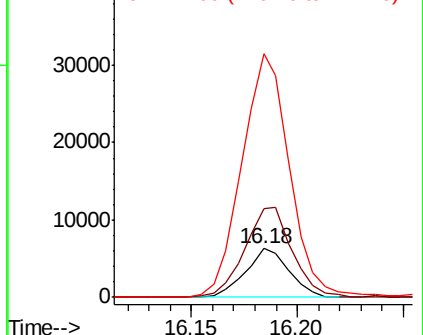
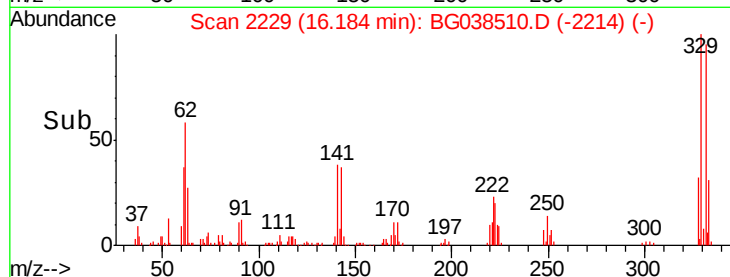
#67
 4-Bromophenyl-phenylether
 Concen: 4.619 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-C

Tgt Ion:248 Resp: 8988
 Ion Ratio Lower Upper
 248 100
 250 185.9 73.4 110.2#
 141 383.2 52.9 79.3#

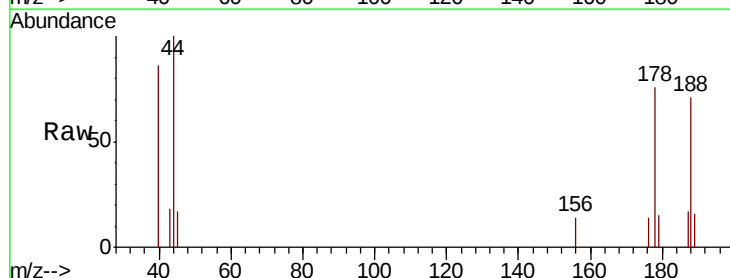


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

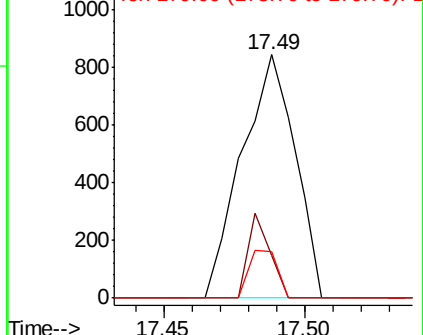
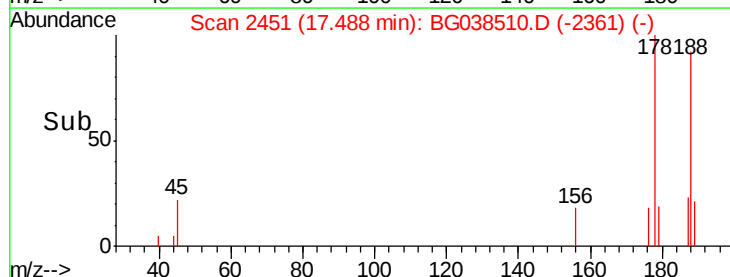


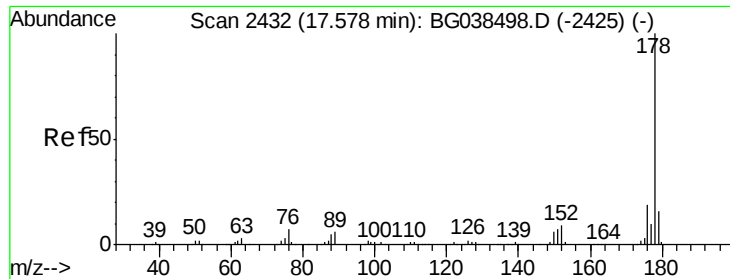
#71
 Phenanthrene
 Concen: 0.133 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Tgt Ion:178 Resp: 1101
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.1 22.7
 179 19.1 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

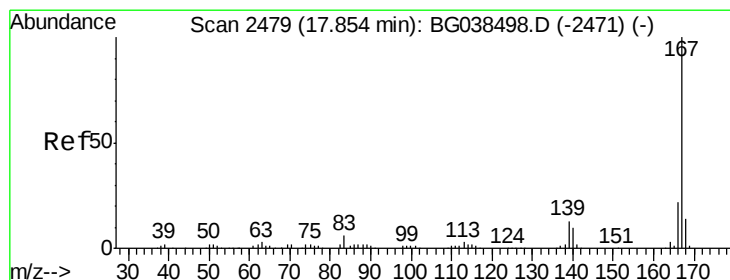
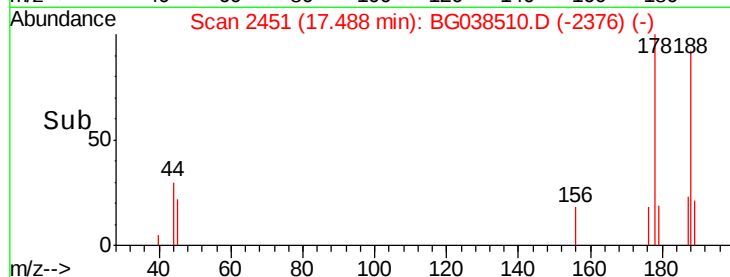
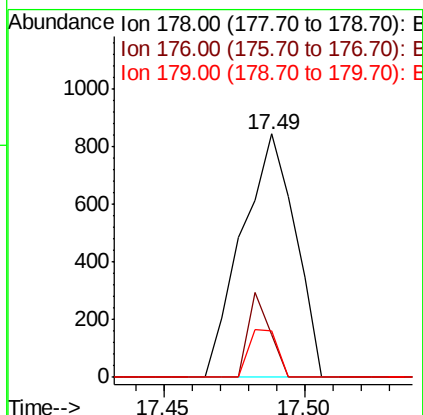
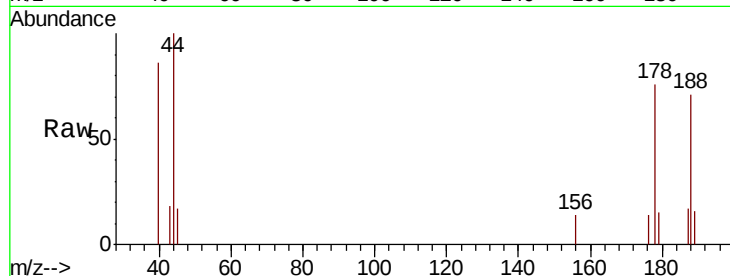




#72
 Anthracene
 Concen: 0.135 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.09 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

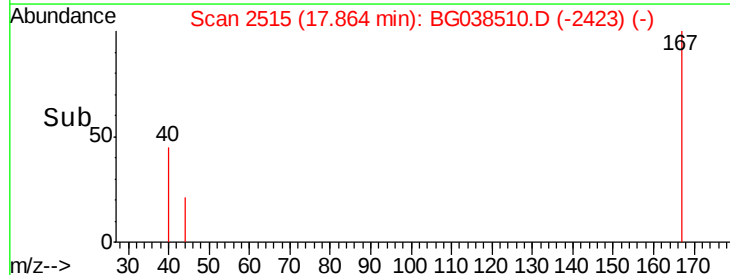
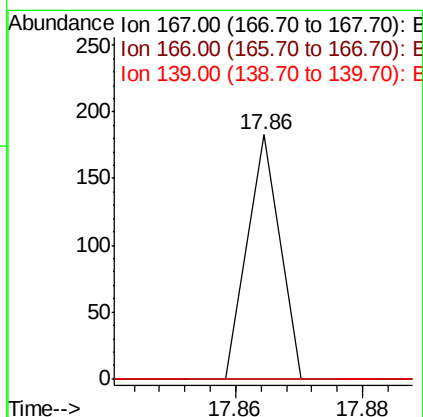
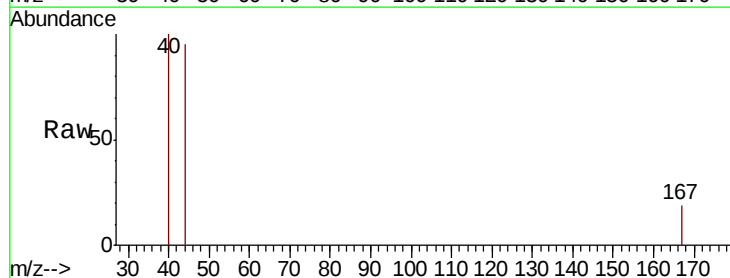
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-C

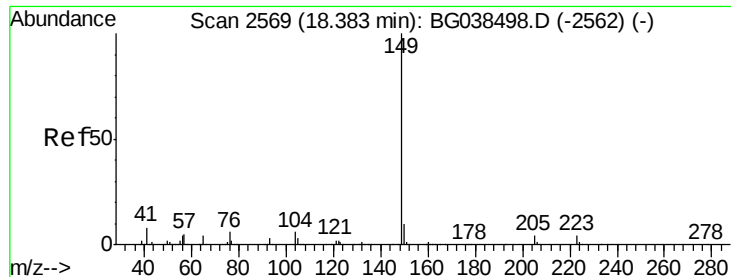
Tgt Ion:178 Resp: 1101
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.1 22.7
 179 19.1 12.9 19.3



#73
 Carbazole
 Concen: 0.008 ng
 RT: 17.86 min Scan# 2515
 Delta R.T. 0.01 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Tgt Ion:167 Resp: 65
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.9 26.9#
 139 0.0 10.2 15.2#





#74

Di-n-butylphthalate

Concen: 0.147 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

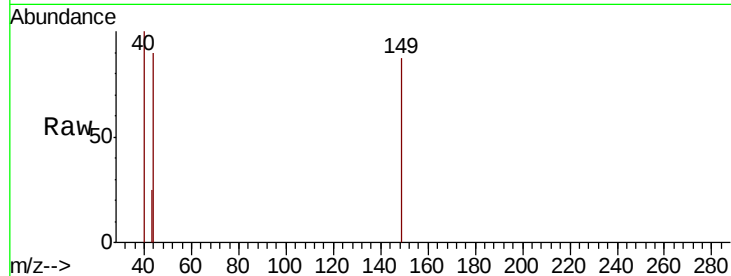
Tgt Ion:149 Resp: 1361

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

104 0.0 5.0 7.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.38

800

600

400

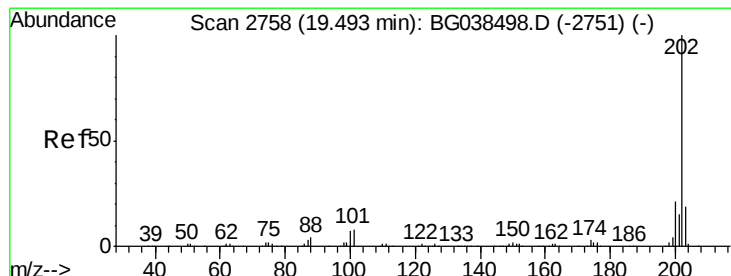
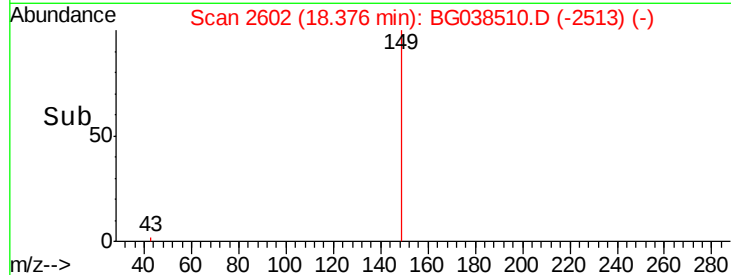
200

0

18.35

18.40

Time-->



#75

Fluoranthene

Concen: 0.007 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

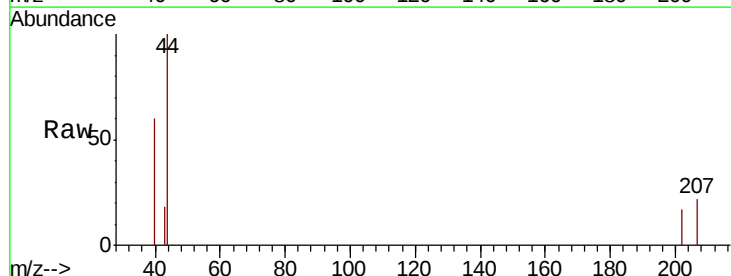
Tgt Ion:202 Resp: 67

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.1

203 0.0 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

19.49

250

200

150

100

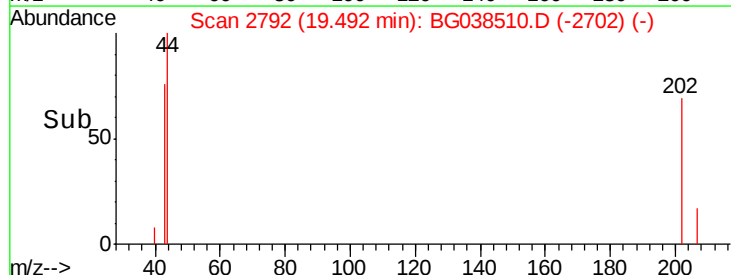
50

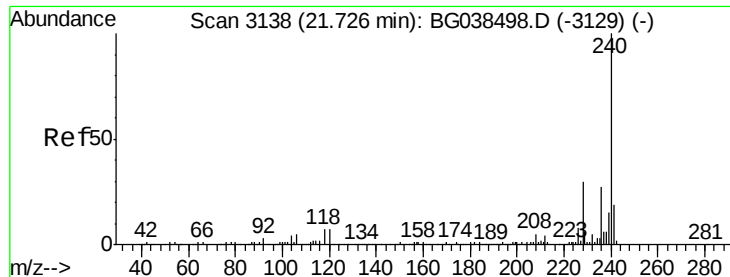
0

19.48

19.50

Time-->

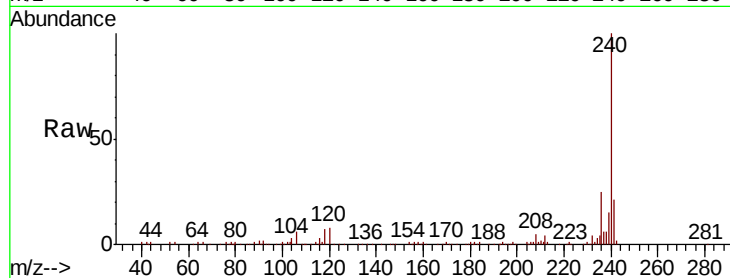




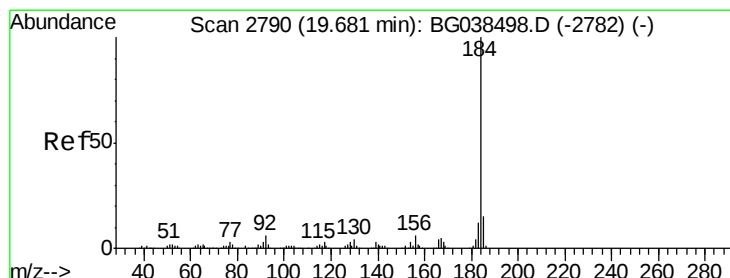
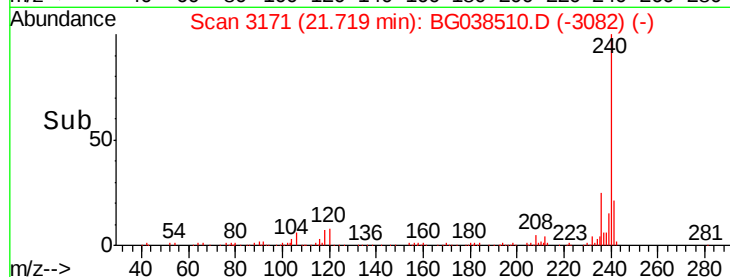
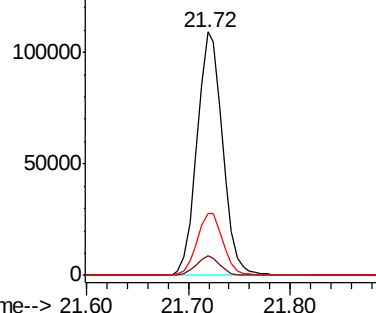
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-C

Tgt Ion: 240 Resp: 190985
Ion Ratio Lower Upper
240 100
120 8.0 5.3 7.9#
236 25.5 21.4 32.2

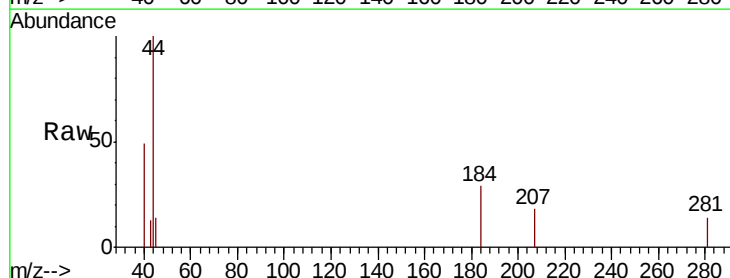


Abundance Ion 240.00 (239.70 to 240.70): E
150000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

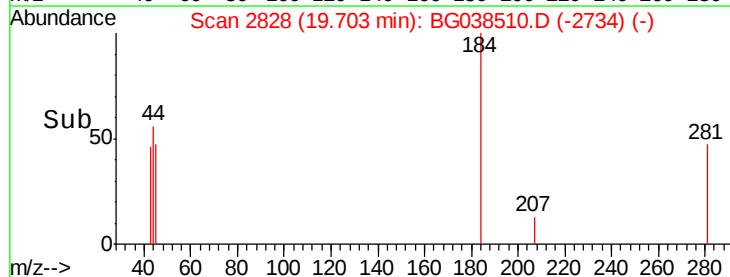
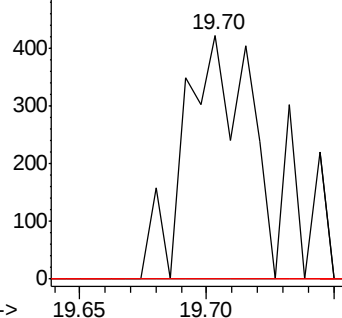


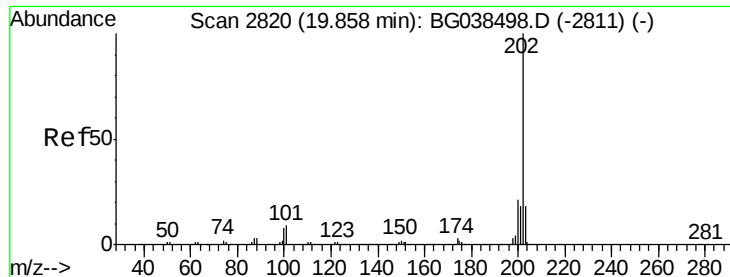
#77
Benzidine
Concen: 0.132 ng
RT: 19.70 min Scan# 2828
Delta R.T. 0.02 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion: 184 Resp: 747
Ion Ratio Lower Upper
184 100
185 0.0 12.2 18.2#
183 0.0 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E
500 Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.293 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.19 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

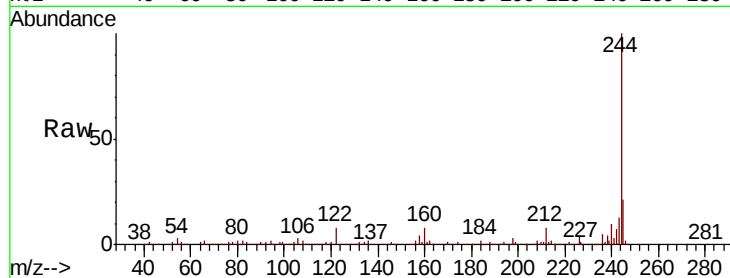
Tgt Ion:202 Resp: 3693

Ion Ratio Lower Upper

202 100

200 40.1 16.6 25.0#

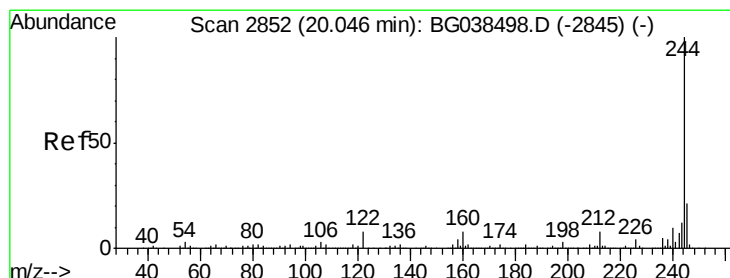
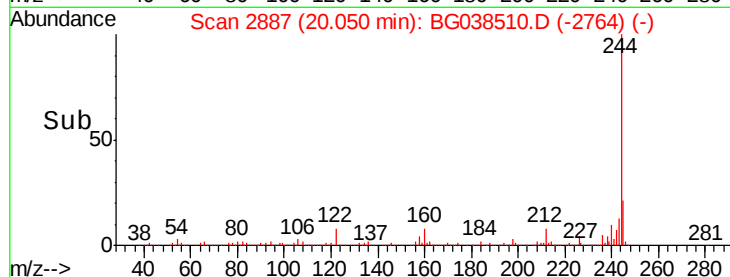
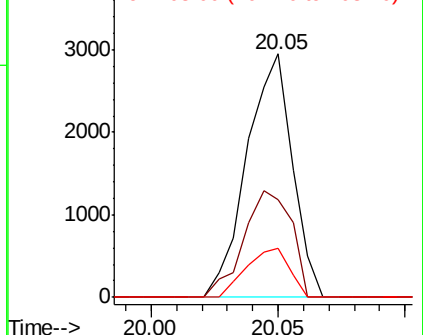
203 20.1 14.6 21.8



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: 107.936 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

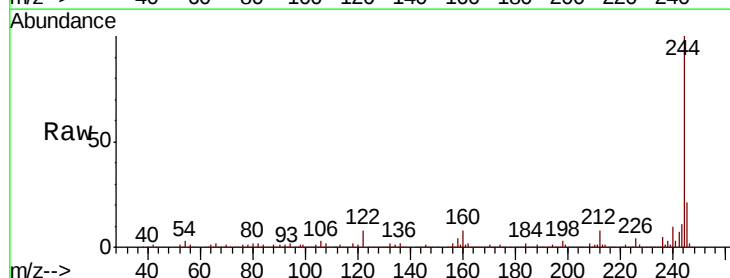
Tgt Ion:244 Resp: 947195

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

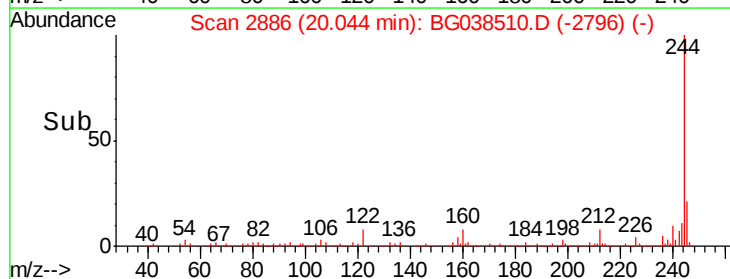
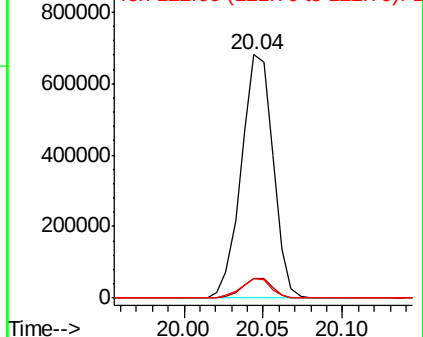
122 7.9 6.3 9.5

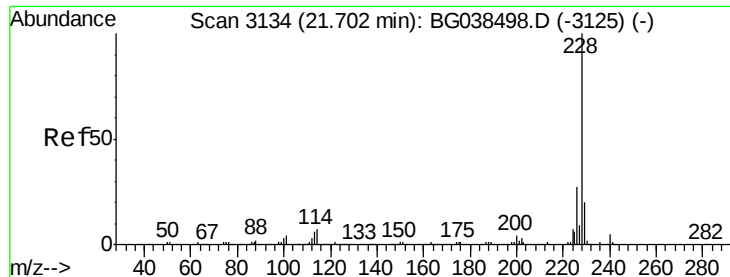


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 0.038 ng

RT: 21.72 min Scan# 3172

Delta R.T. 0.02 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-C

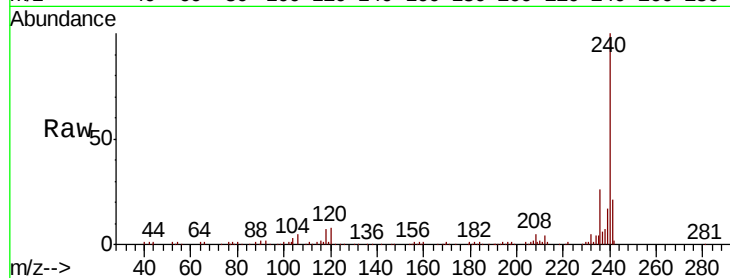
Tgt Ion:228 Resp: 440

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

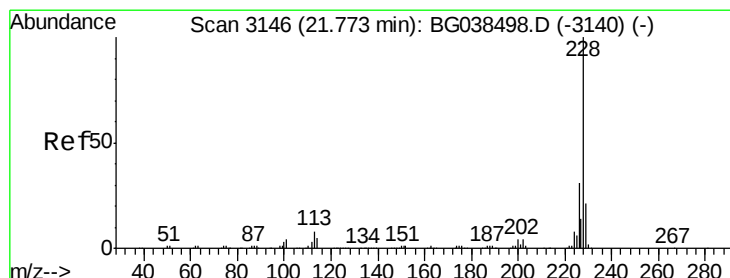
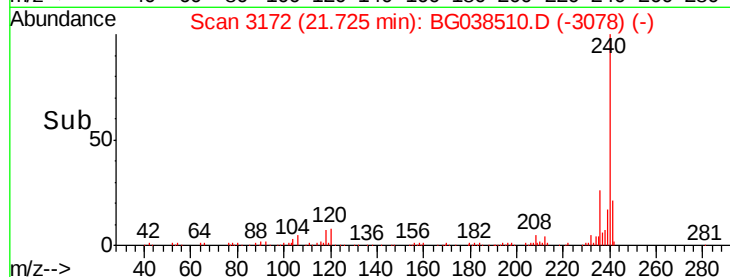
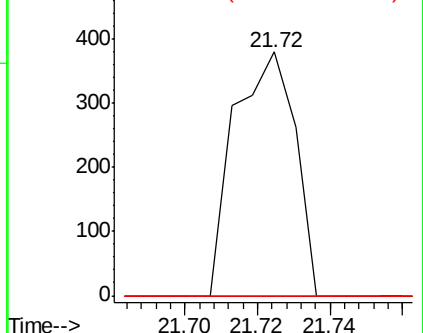
229 0.0 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 0.039 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.05 min

Lab File: BG038510.D

Acq: 12 Dec 2018 22:43

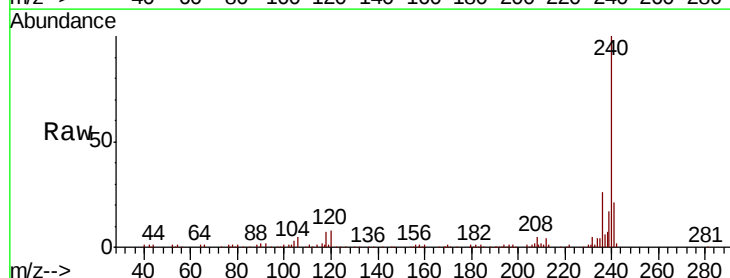
Tgt Ion:228 Resp: 440

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.4#

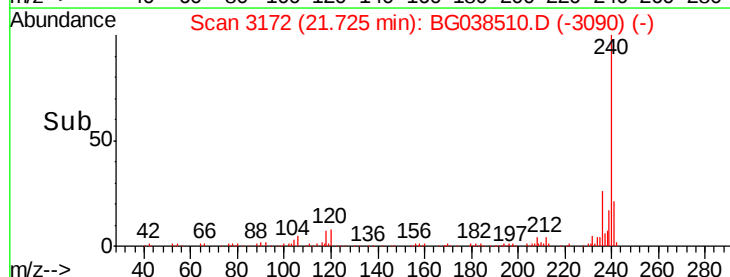
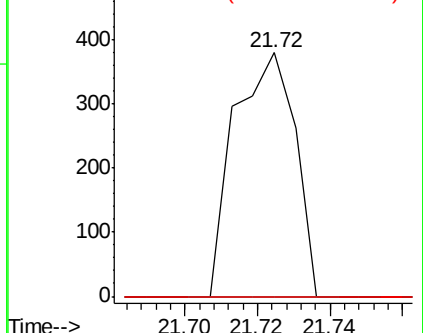
229 0.0 16.5 24.7#

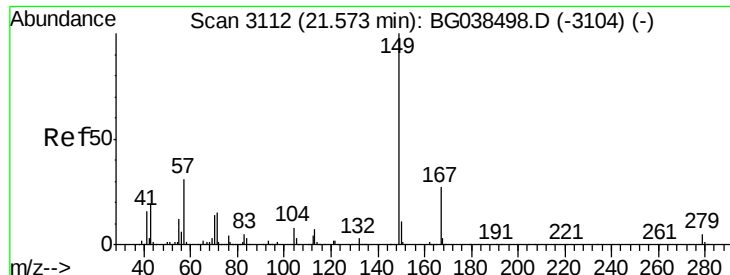


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

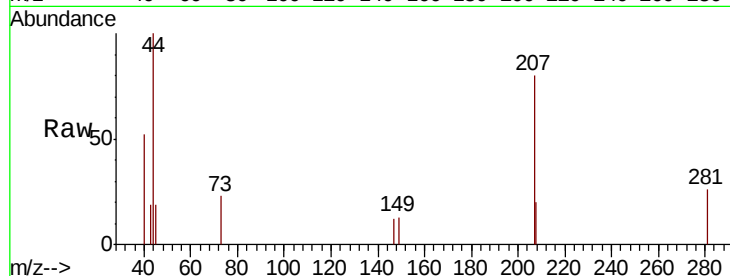




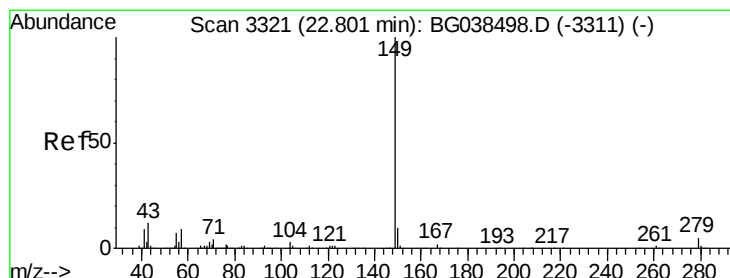
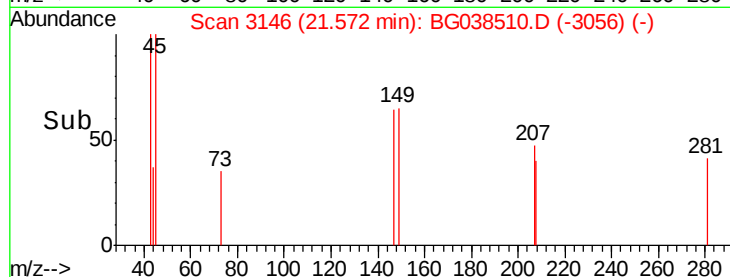
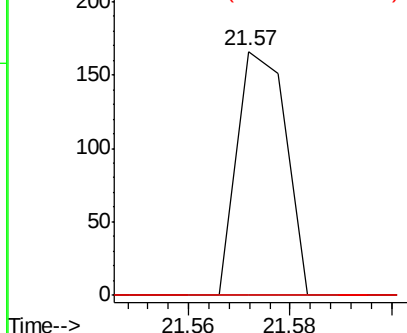
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.016 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-C

Tgt Ion:149 Resp: 112
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.9 32.9#
 279 0.0 4.2 6.2#

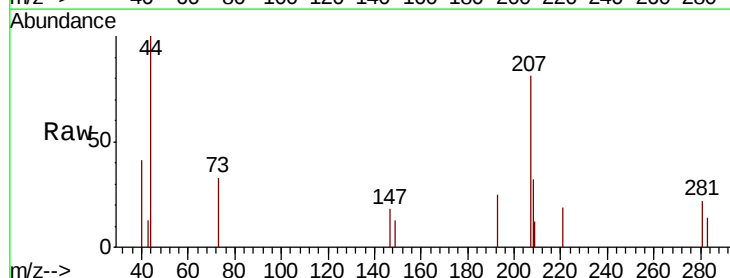


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

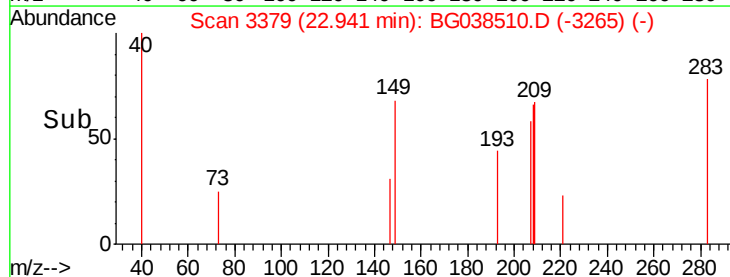
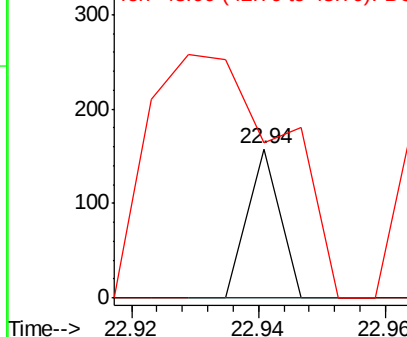


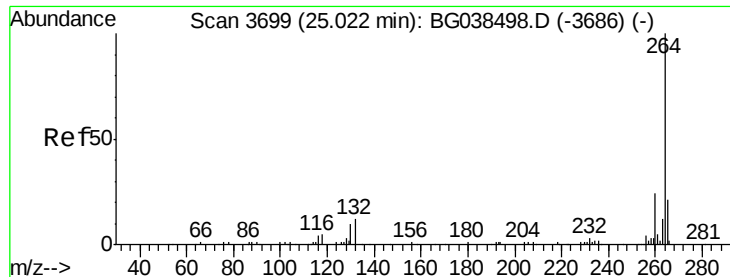
#85
 Di-n-octyl phthalate
 Concen: 0.005 ng
 RT: 22.94 min Scan# 3379
 Delta R.T. 0.14 min
 Lab File: BG038510.D
 Acq: 12 Dec 2018 22:43

Tgt Ion:149 Resp: 56
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 671.4 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): BGC

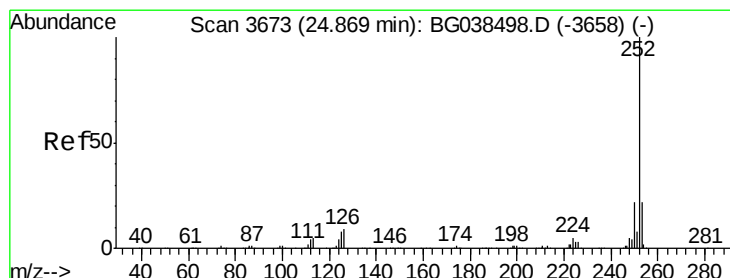
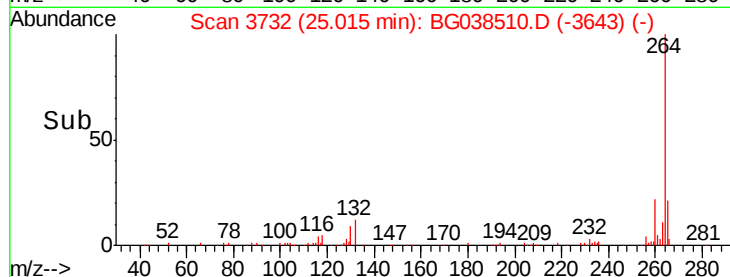
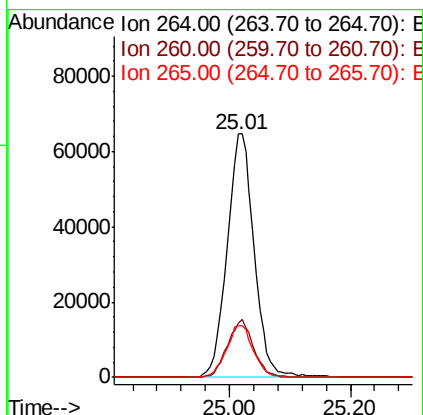
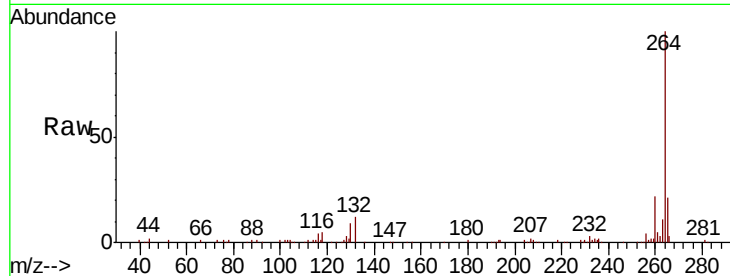




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Instrument :
BNA_G
ClientSampleId :
CL-01-121018-C

Tgt Ion: 264 Resp: 200304
Ion Ratio Lower Upper
264 100
260 22.3 18.9 28.3
265 21.1 17.0 25.4



#90
Benzo(a)pyrene
Concen: 0.067 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.15 min
Lab File: BG038510.D
Acq: 12 Dec 2018 22:43

Tgt Ion: 252 Resp: 706
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.0#
125 0.0 6.4 9.6#

