

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038506.D
 Acq On : 12 Dec 2018 20:06
 Operator : JU/SJ
 Sample : J6193-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Dec 13 06:09:55 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	23716	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	92524	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58977	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	160821	20.00	ng	0.00
76) Chrysene-d12	21.72	240	202374	20.00	ng	0.00
87) Perylene-d12	25.02	264	210213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	186143	139.21	ng	0.00
7) Phenol-d6	7.21	99	225033	122.59	ng	0.00
23) Nitrobenzene-d5	9.24	82	184286	101.75	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	143238	176.23	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	430032	100.03	ng	0.00
79) Terphenyl-d14	20.04	244	1005162	108.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	76	0.122	ng	# 12
4) n-Nitrosodimethylamine	3.83	42	236	0.281	ng	# 1
6) Aniline	7.58	93	225	0.096	ng	# 1
9) Benzaldehyde	7.22	77	202	0.170	ng	# 3
10) Phenol	7.59	94	464	0.238	ng	# 1
11) bis(2-Chloroethyl)ether	7.58	93	225	0.145	ng	# 1
15) Benzyl Alcohol	8.38	79	3065	2.139	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.56	45	63	0.018	ng	# 78
19) n-Nitroso-di-n-propylamine	9.24	70	24527	19.024	ng	# 70
24) Nitrobenzene	9.26	77	67	0.037	ng	# 39
31) Naphthalene	10.93	128	531	0.116	ng	# 68
37) 2-Methylnaphthalene	12.74	142	55	0.017	ng	# 13
38) 1-Methylnaphthalene	12.74	142	55	0.017	ng	# 6
46) 1,1'-Biphenyl	13.54	154	626	0.127	ng	# 41
48) 2-Nitroaniline	13.31	65	651	0.535	ng	# 1
49) Acenaphthylene	14.76	152	53	0.009	ng	# 60
51) 2,6-Dinitrotoluene	14.70	165	7401	6.781	ng	# 19
52) Acenaphthene	14.71	154	53	0.016	ng	# 4
55) Dibenzofuran	15.11	168	78	0.013	ng	# 43
57) 2,4-Dinitrotoluene	14.70	165	7401	4.814	ng	# 21
58) Fluorene	16.18	166	4418	1.019	ng	# 94
60) Diethylphthalate	15.49	149	62	0.012	ng	# 59
63) Azobenzene	16.19	77	784	0.178	ng	# 50
65) 4,6-Dinitro-2-methylphenol	16.19	198	464	0.404	ng	# 63
66) n-Nitrosodiphenylamine	16.19	169	5192	1.099	ng	# 41
67) 4-Bromophenyl-phenylether	16.18	248	9985	5.084	ng	# 1
71) Phenanthrene	17.49	178	697	0.084	ng	# 60
72) Anthracene	17.49	178	697	0.085	ng	# 60
74) Di-n-butylphthalate	18.38	149	1638	0.175	ng	# 84
75) Fluoranthene	19.49	202	55	0.005	ng	# 64
77) Benzidine	20.04	184	18400	3.074	ng	# 94
78) Pyrene	20.04	202	3776	0.282	ng	# 75
81) Benzo(a)anthracene	21.72	228	490	0.040	ng	# 51
83) Chrysene	21.72	228	490	0.041	ng	# 48

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Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Dec 13 06:09:55 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

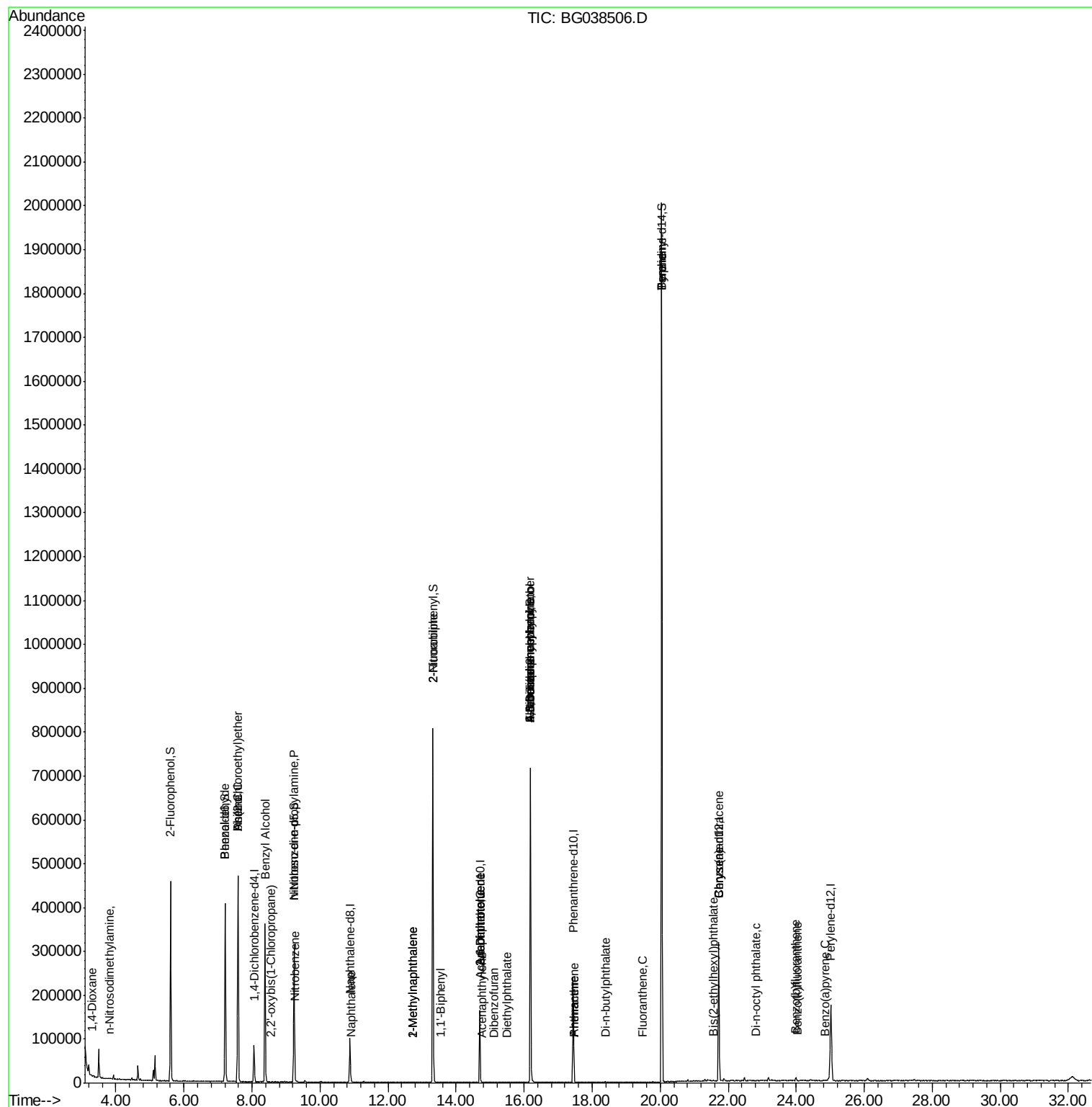
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.57	149	292	0.039	ng	# 53
85) Di-n-octyl phthalate	22.81	149	173	0.014	ng	# 73
88) Benzo(b)fluoranthene	23.99	252	122	0.011	ng	# 59
89) Benzo(k)fluoranthene	24.03	252	87	0.008	ng	# 58
90) Benzo(a)pyrene	24.86	252	117	0.011	ng	# 60

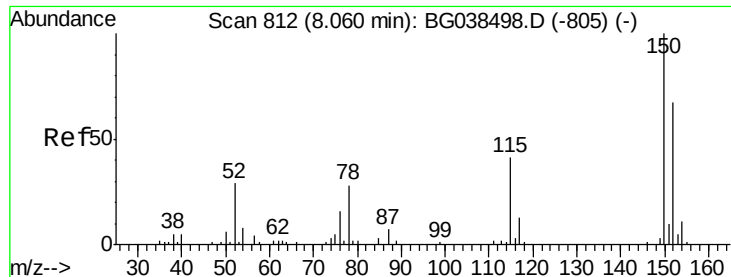
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

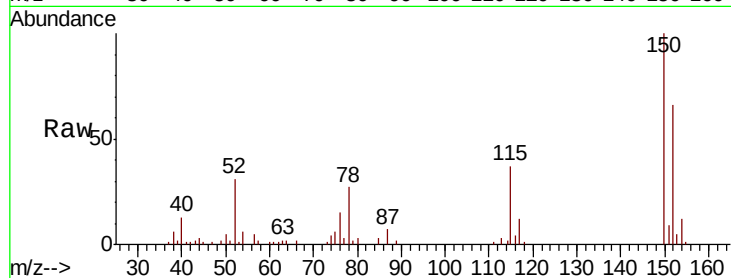
Tgt Ion:152 Resp: 23716

Ion Ratio Lower Upper

152 100

150 152.5 119.5 179.3

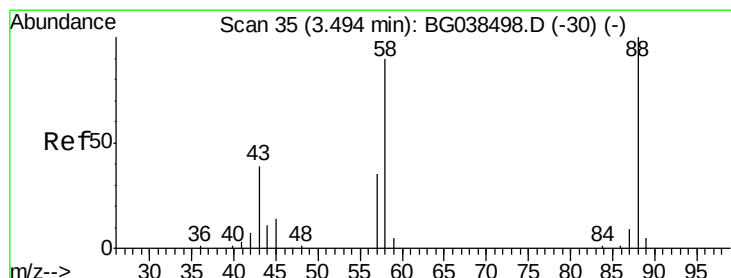
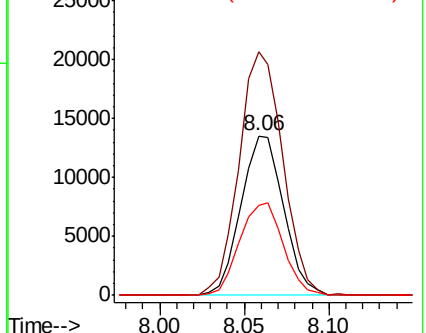
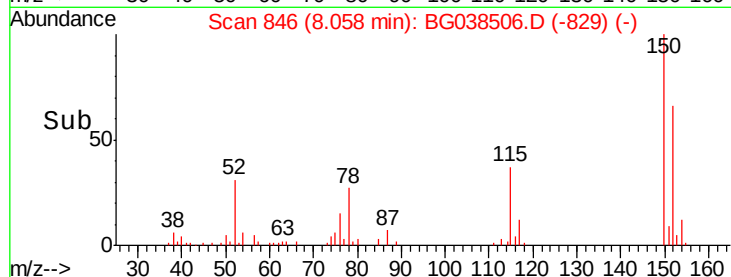
115 56.7 49.6 74.4



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: 0.122 ng

RT: 3.30 min Scan# 36

Delta R.T. -0.20 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

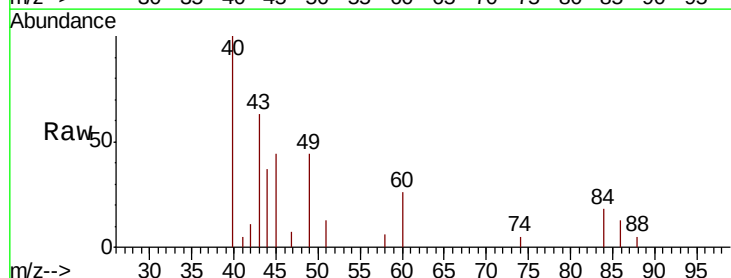
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

58 0.0 75.7 113.5#

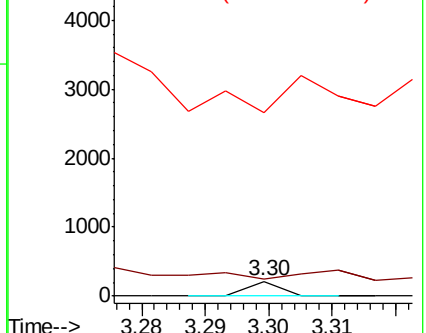
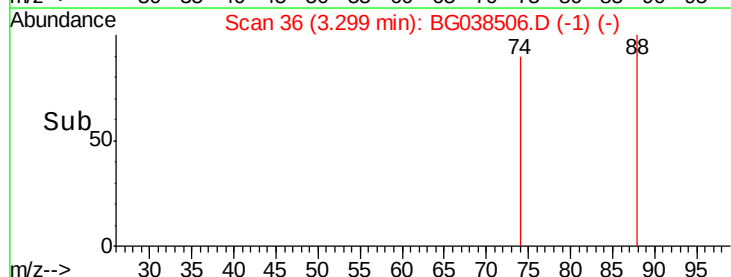
43 0.0 31.6 47.4#

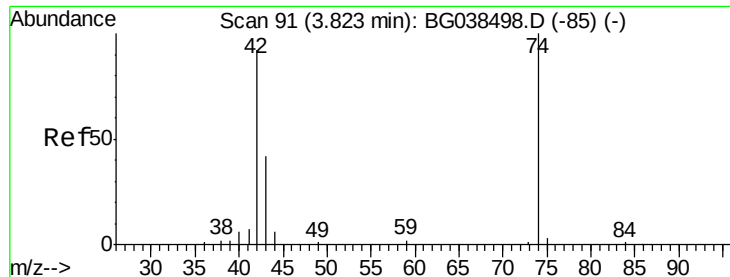


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



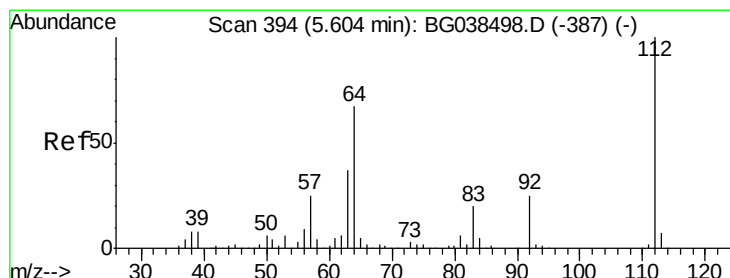
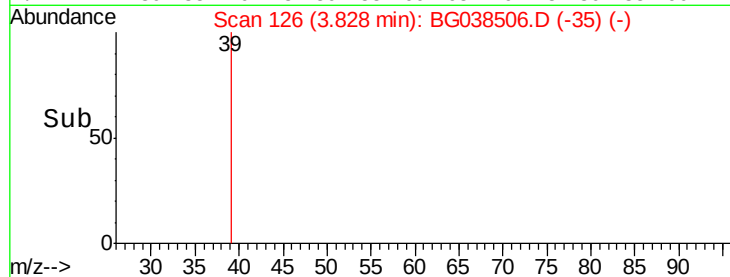
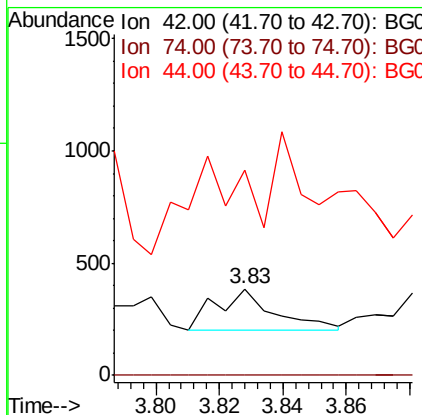
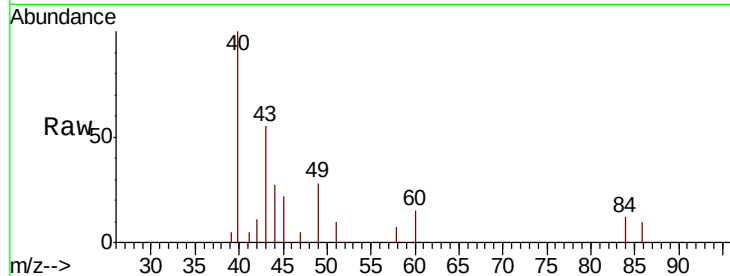


#4

n-Nitrosodimethylamine
 Concen: 0.281 ng
 RT: 3.83 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

Instrument :
 BNA_G
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 CL-01-121018-A

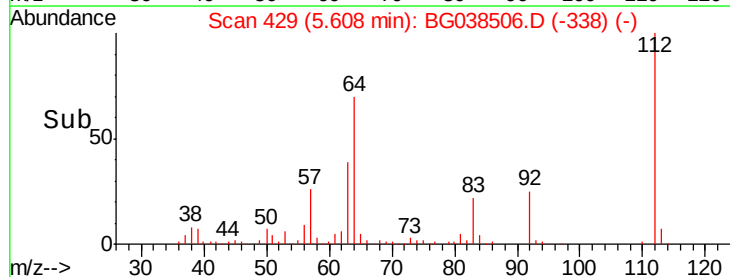
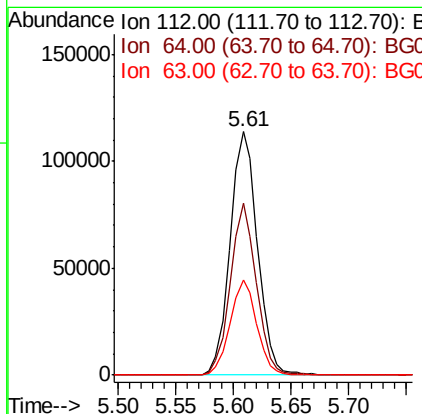
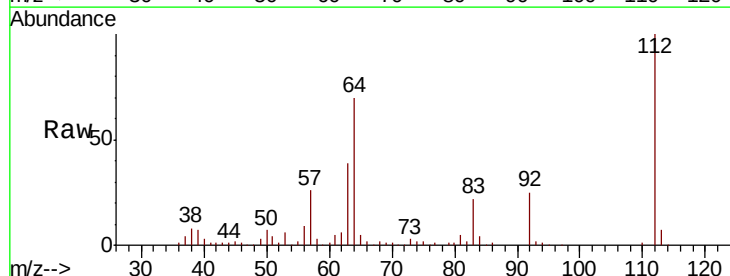
Tgt Ion: 42 Resp: 236
 Ion Ratio Lower Upper
 42 100
 74 0.0 86.7 130.1#
 44 236.9 7.8 11.8#

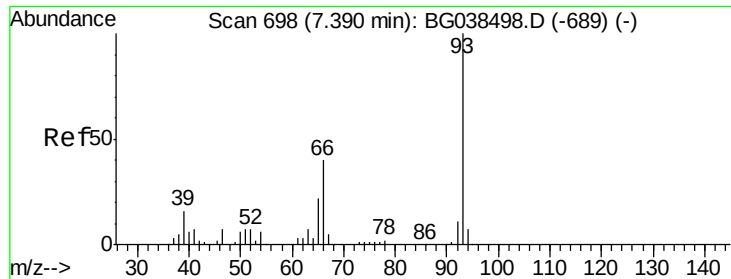


#5

2-Fluorophenol
 Concen: 139.211 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

Tgt Ion: 112 Resp: 186143
 Ion Ratio Lower Upper
 112 100
 64 70.4 53.4 80.2
 63 39.0 29.3 43.9





#6

Aniline

Concen: 0.096 ng

RT: 7.58 min Scan# 765

Delta R.T. 0.19 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

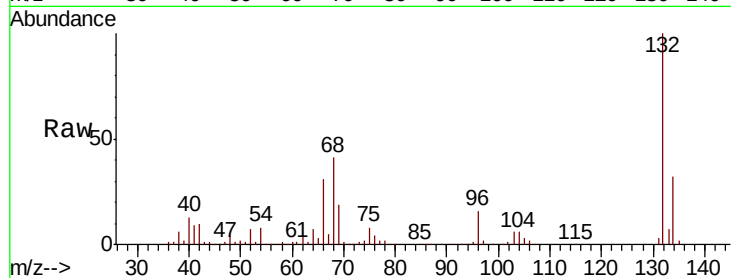
Tgt Ion: 93 Resp: 225

Ion Ratio Lower Upper

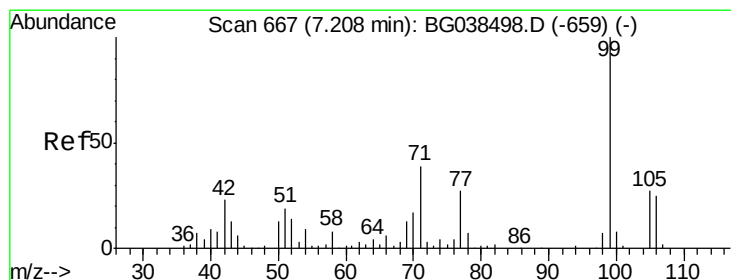
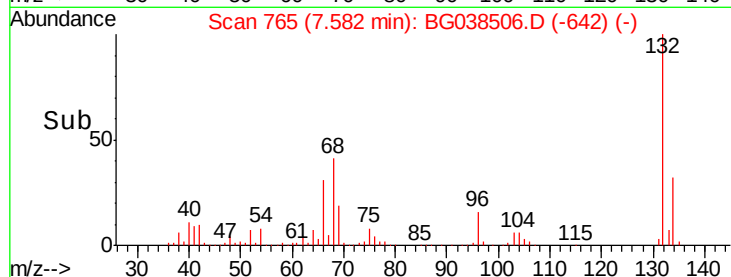
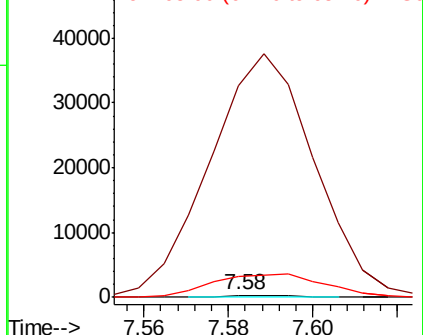
93 100

66 12173.1 31.7 47.5#

65 1172.0 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: 122.592 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

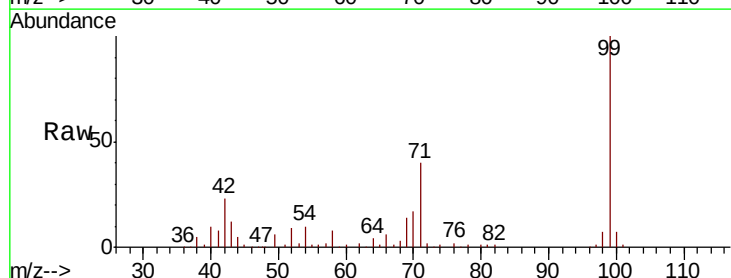
Tgt Ion: 99 Resp: 225033

Ion Ratio Lower Upper

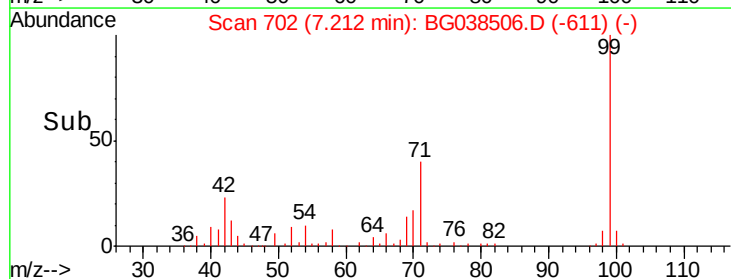
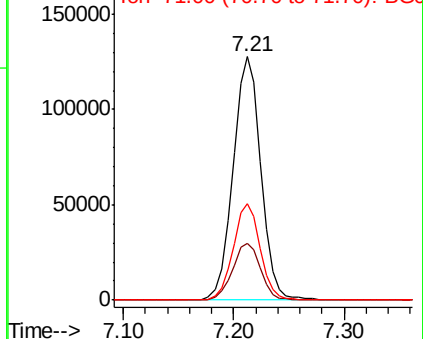
99 100

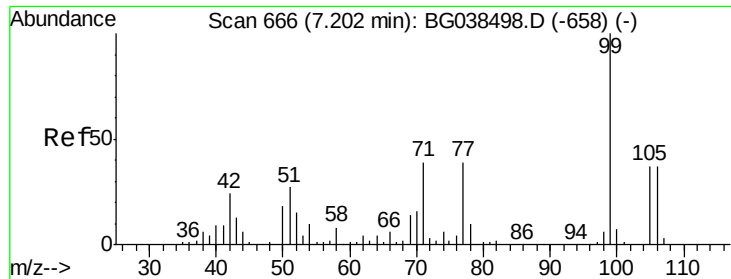
42 23.2 18.5 27.7

71 39.7 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: 0.170 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.02 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

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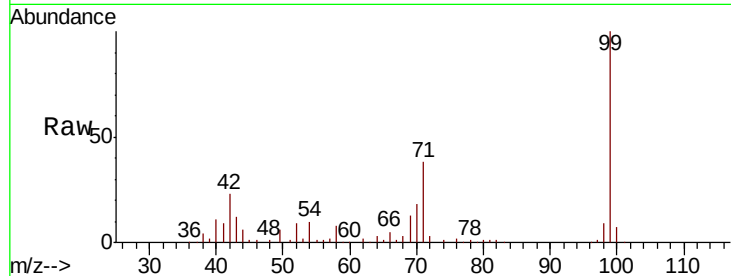
Tgt Ion: 77 Resp: 202

Ion Ratio Lower Upper

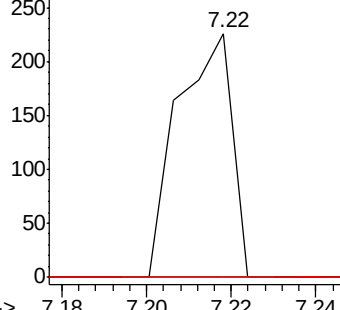
77 100

105 0.0 74.0 114.0#

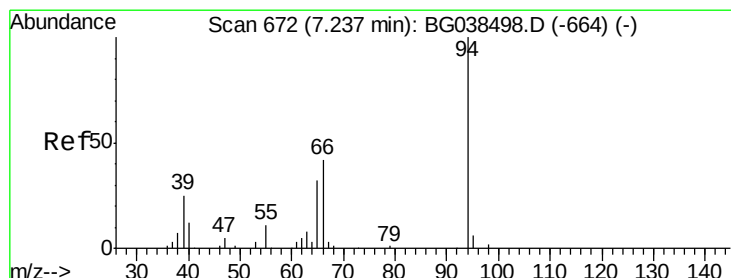
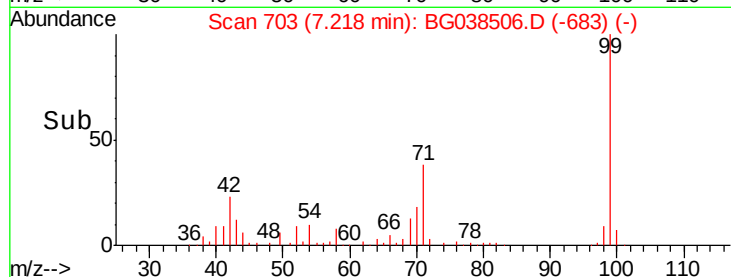
106 0.0 73.9 113.9#



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



Time--> 7.18 7.20 7.22 7.24



#10

Phenol

Concen: 0.238 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.35 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

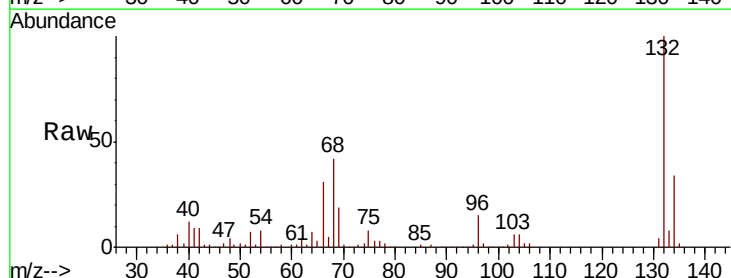
Tgt Ion: 94 Resp: 464

Ion Ratio Lower Upper

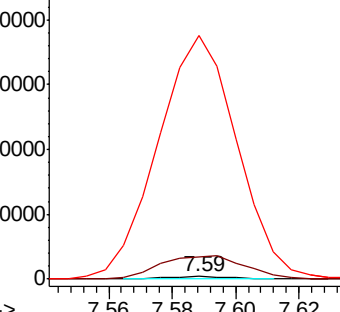
94 100

65 844.7 12.6 52.6#

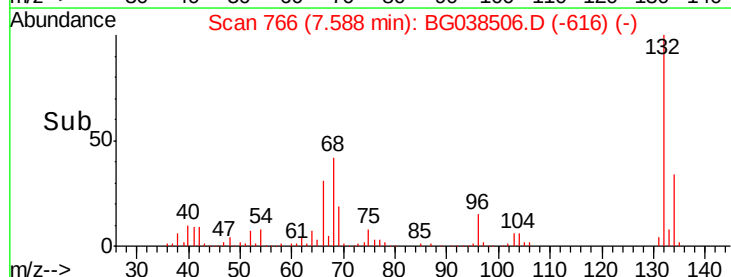
66 9122.3 24.1 64.1#

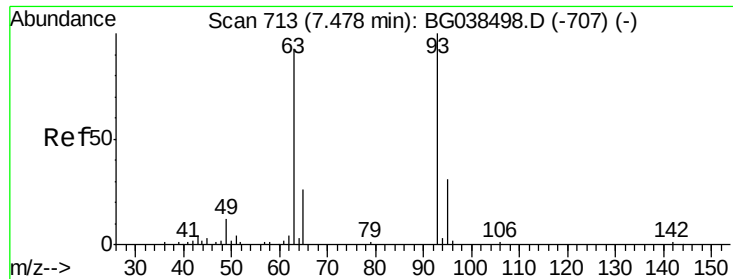


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time--> 7.56 7.58 7.60 7.62

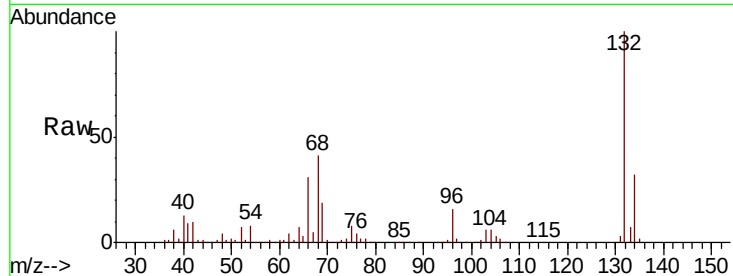




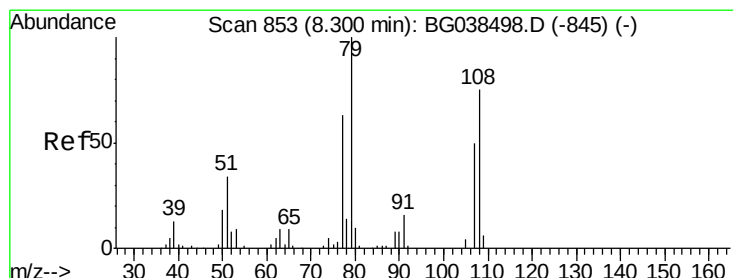
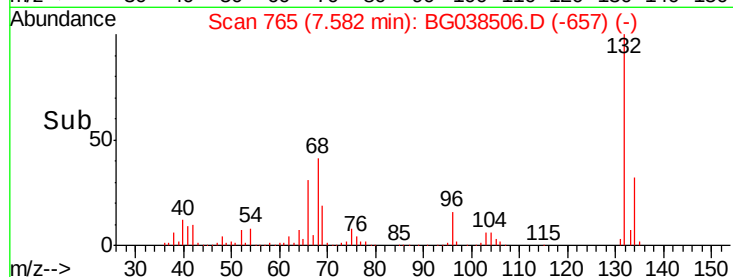
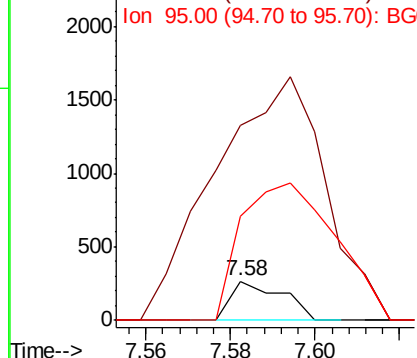
#11
bis(2-Chloroethyl)ether
Concen: 0.145 ng
RT: 7.58 min Scan# 765
Delta R.T. 0.10 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

Instrument :
BNA_G
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CL-01-121018-A

Tgt Ion: 93 Resp: 225
Ion Ratio Lower Upper
93 100
63 496.6 72.2 112.2#
95 264.9 11.2 51.2#

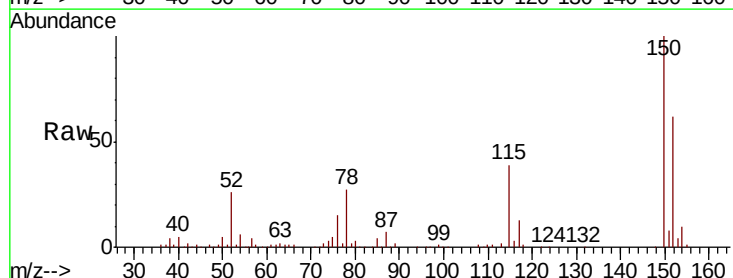


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

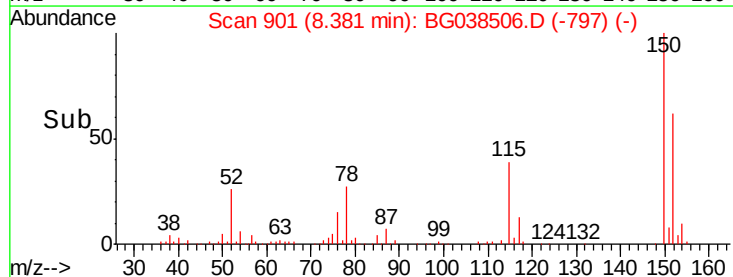
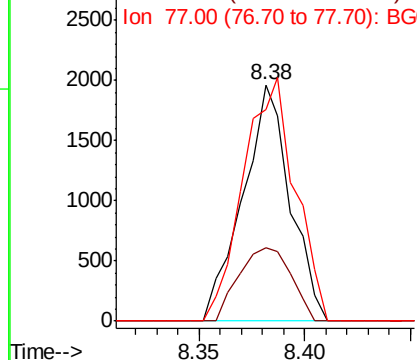


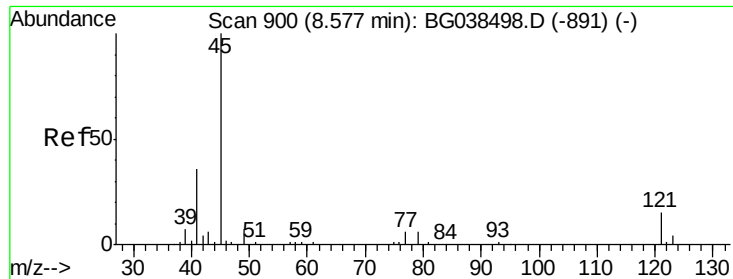
#15
Benzyl Alcohol
Concen: 2.139 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

Tgt Ion: 79 Resp: 3065
Ion Ratio Lower Upper
79 100
108 30.9 60.2 90.4#
77 89.4 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

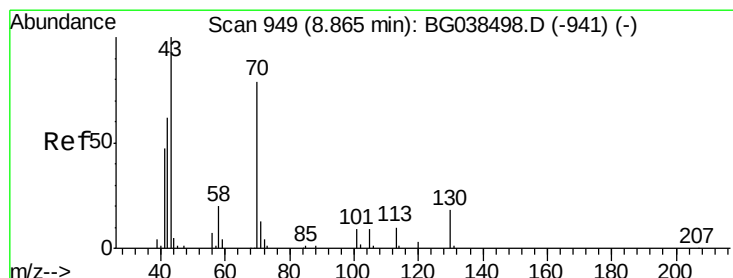
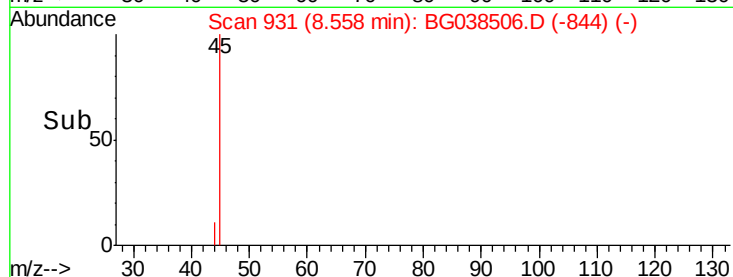
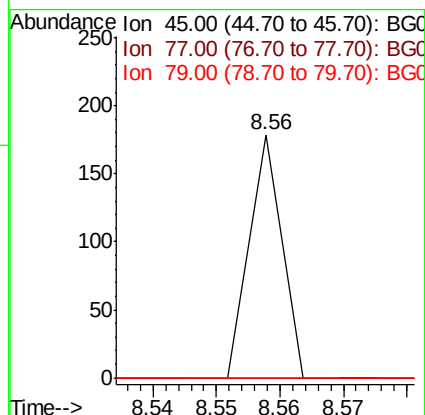
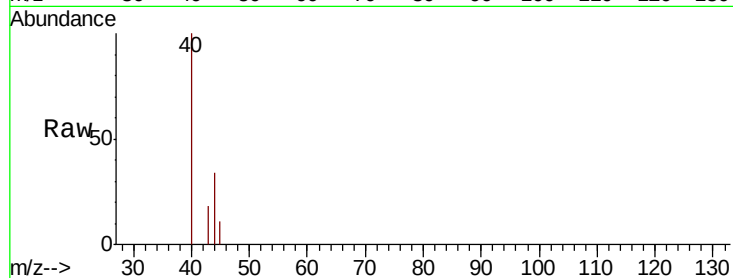




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.018 ng
RT: 8.56 min Scan# 931
Delta R.T. -0.02 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

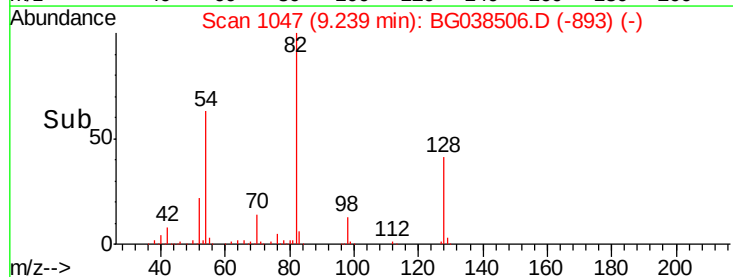
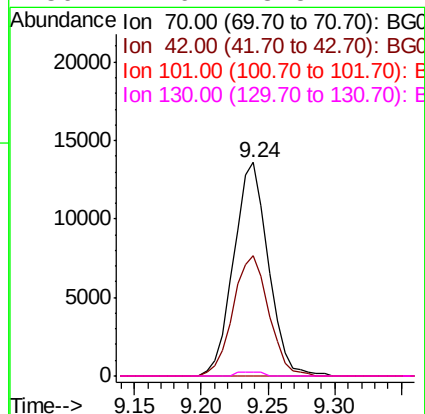
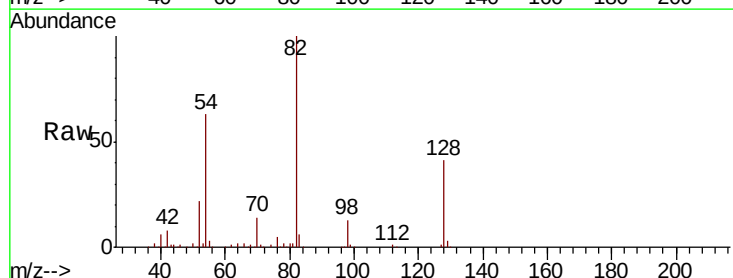
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-A

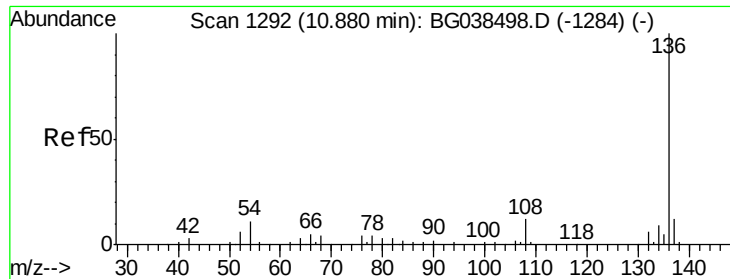
Tgt Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	28.2
79	0.0	0.0	27.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.024 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.6	63.6	95.4#
101	0.0	9.2	13.8#
130	1.6	18.5	27.7#

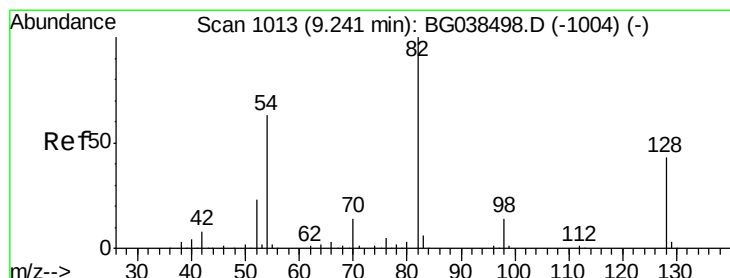
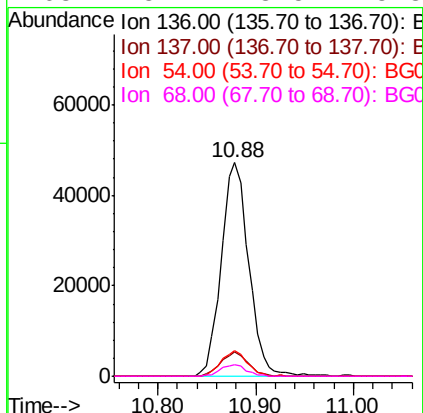
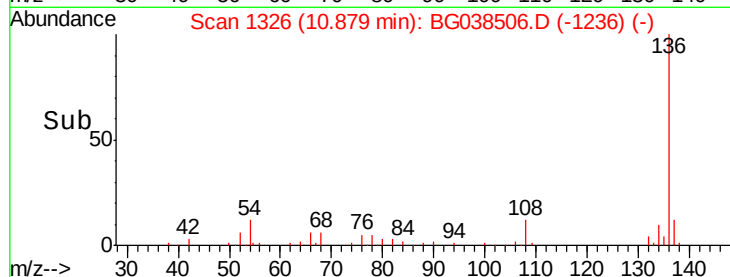
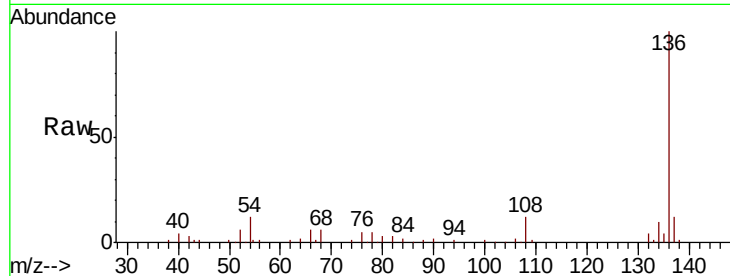




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

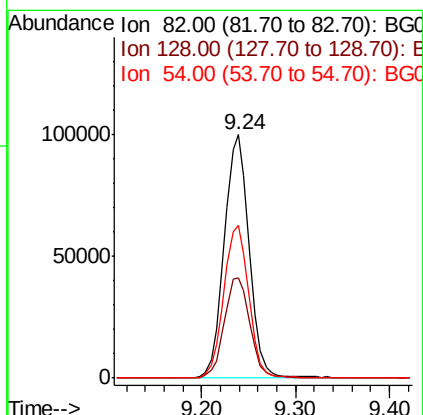
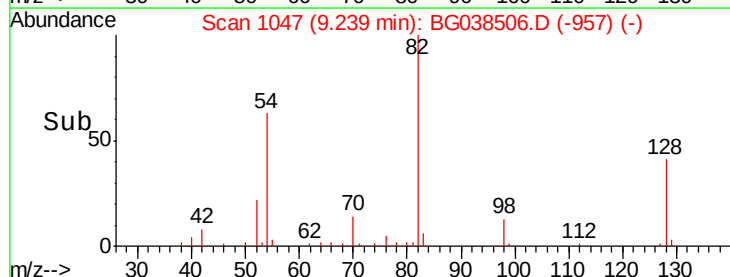
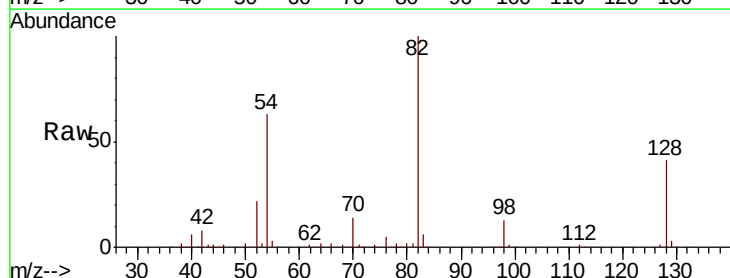
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-A

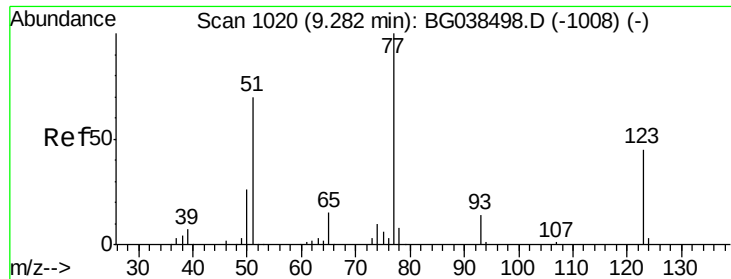
Tgt Ion:136 Resp: 92524
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 12.4 8.5 12.7
68 5.7 3.5 5.3#



#23
Nitrobenzene-d5
Concen: 101.754 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

Tgt Ion: 82 Resp: 184286
Ion Ratio Lower Upper
82 100
128 41.3 34.6 52.0
54 62.5 50.6 76.0

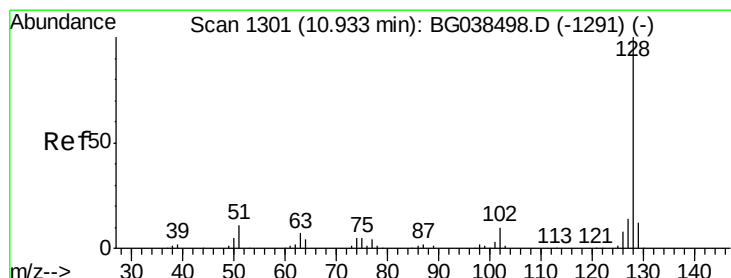
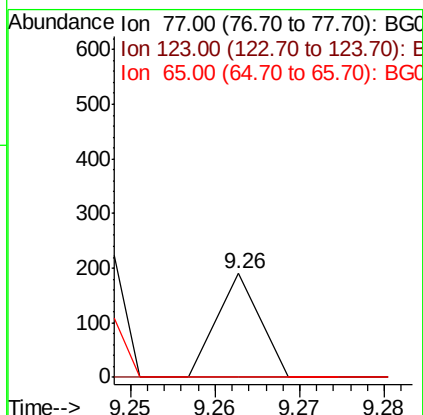
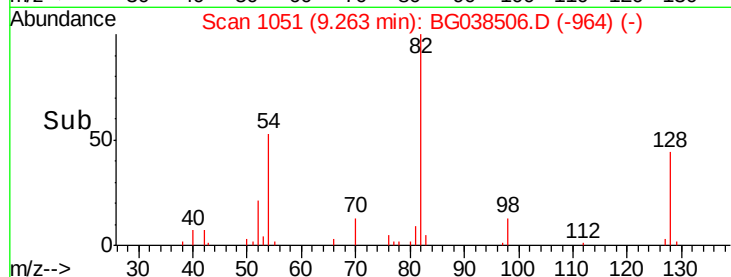
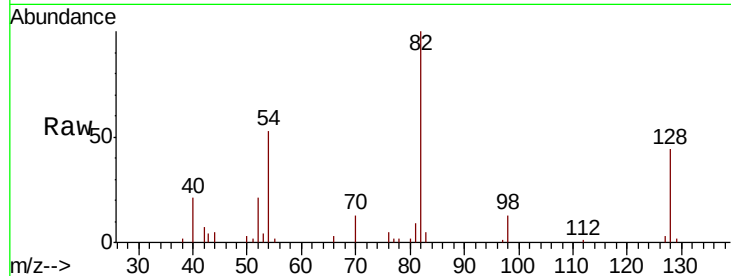




#24
 Nitrobenzene
 Concen: 0.037 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

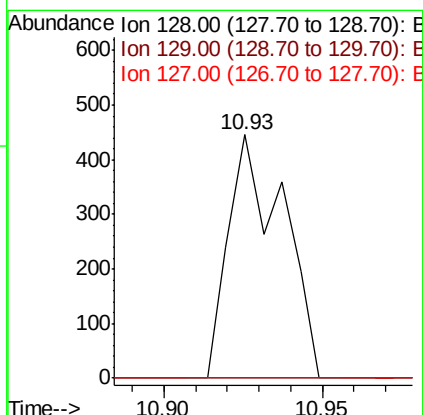
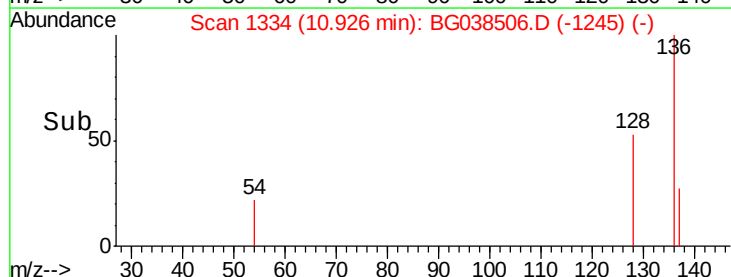
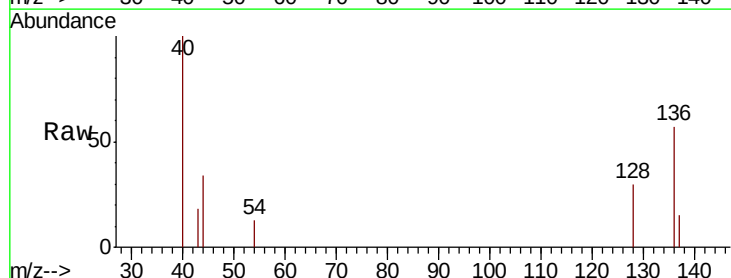
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-A

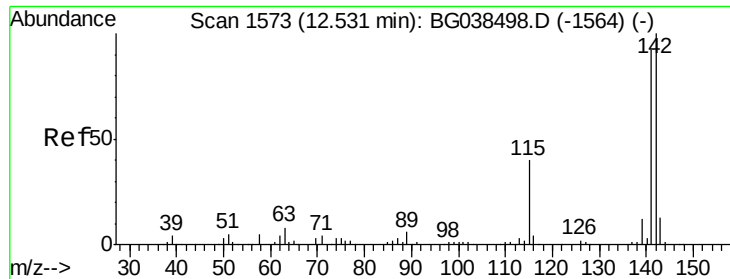
Tgt Ion: 77 Resp: 67
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.9 53.9#
 65 0.0 12.0 18.0#



#31
 Naphthalene
 Concen: 0.116 ng
 RT: 10.93 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

Tgt Ion: 128 Resp: 531
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.5 14.3#
 127 0.0 10.9 16.3#

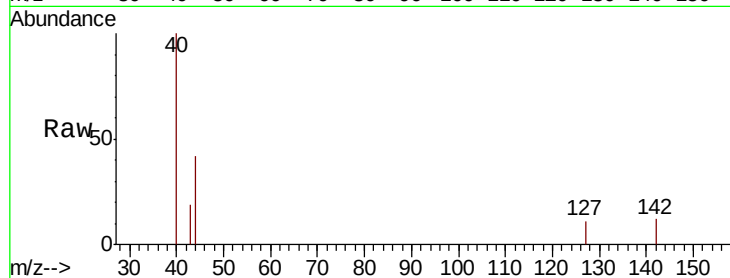




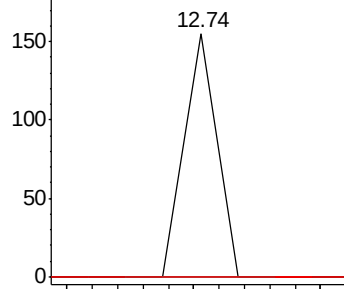
#37
2-Methylnaphthalene
Concen: 0.017 ng
RT: 12.74 min Scan# 1643
Delta R.T. 0.21 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

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

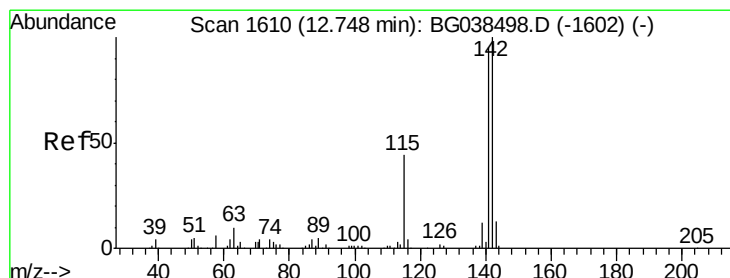
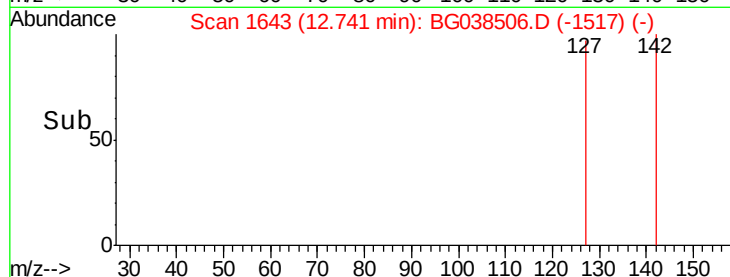
Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
141 0.0 73.5 110.3#
115 0.0 31.7 47.5#



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

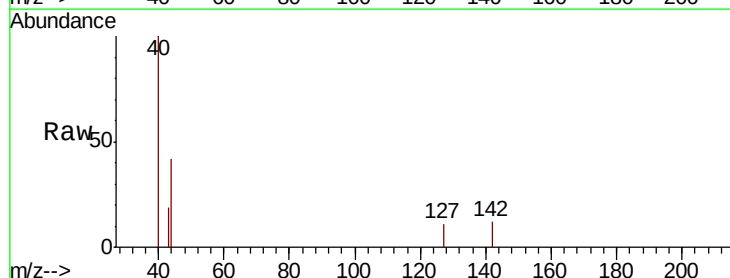


Time--> 12.72 12.74 12.76

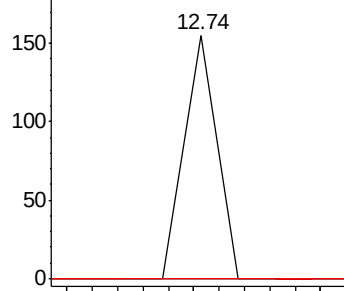


#38
1-Methylnaphthalene
Concen: 0.017 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

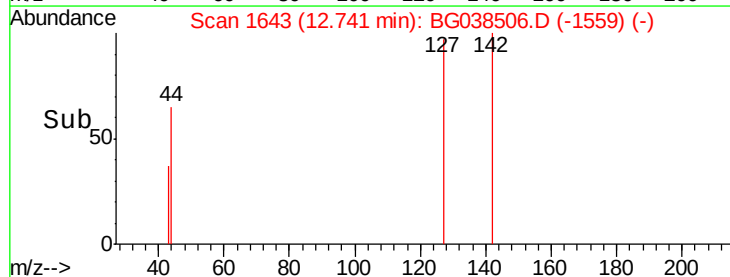
Tgt Ion:142 Resp: 55
Ion Ratio Lower Upper
142 100
141 0.0 75.8 113.8#
116 0.0 3.6 5.4#

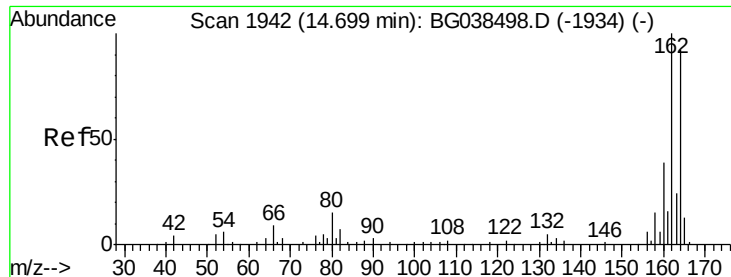


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E



Time--> 12.72 12.74 12.76





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

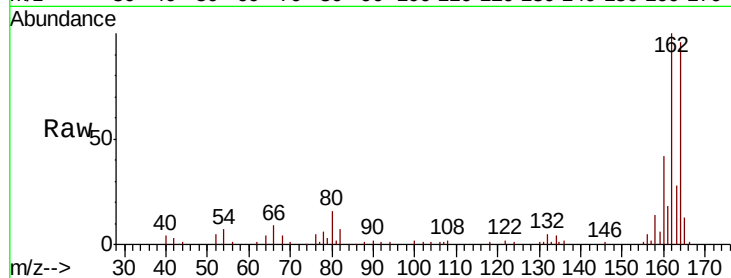
Tgt Ion:164 Resp: 58977

Ion Ratio Lower Upper

164 100

162 104.4 86.6 130.0

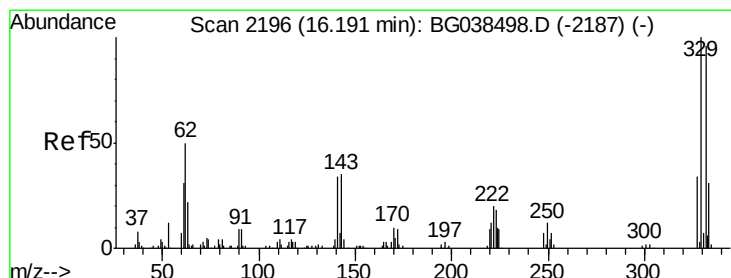
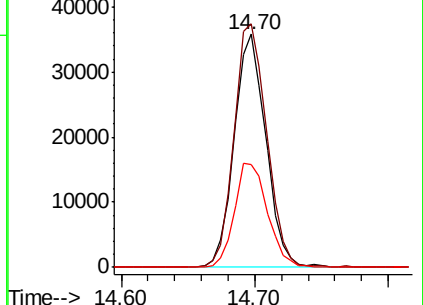
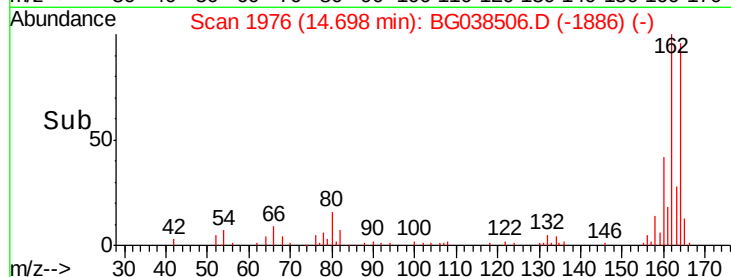
160 44.3 34.2 51.2



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: 176.226 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

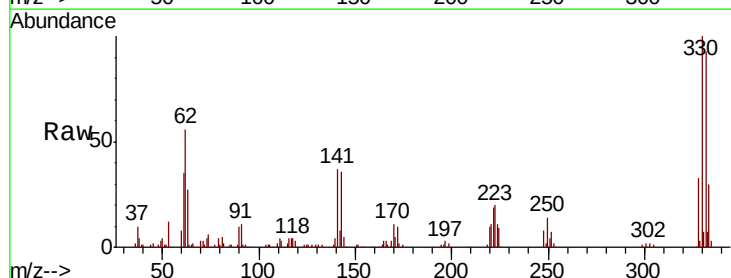
Tgt Ion:330 Resp: 143238

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

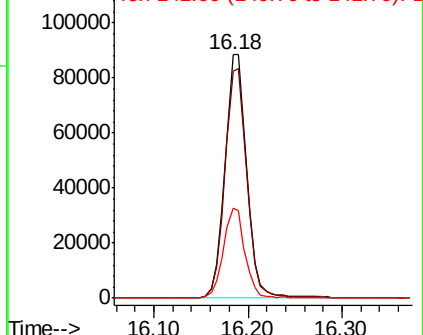
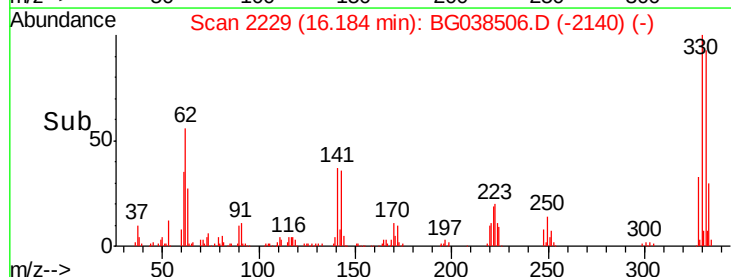
141 36.5 28.8 43.2

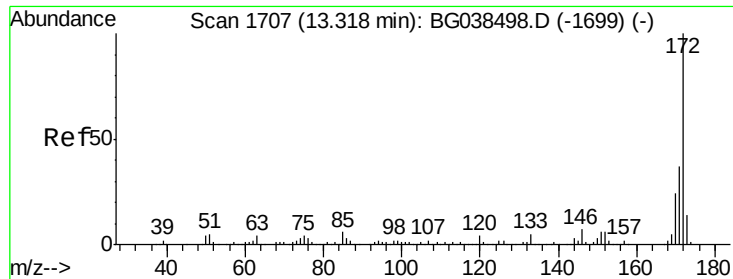


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

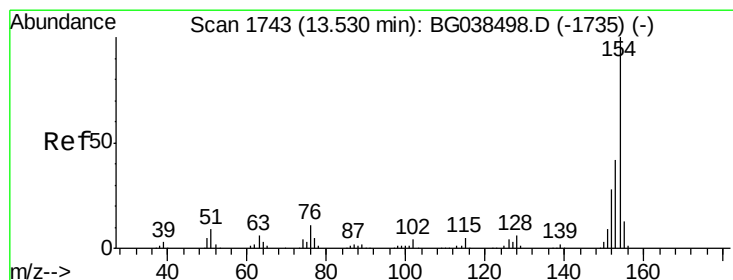
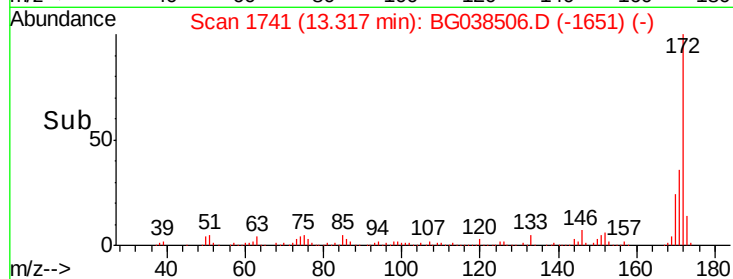
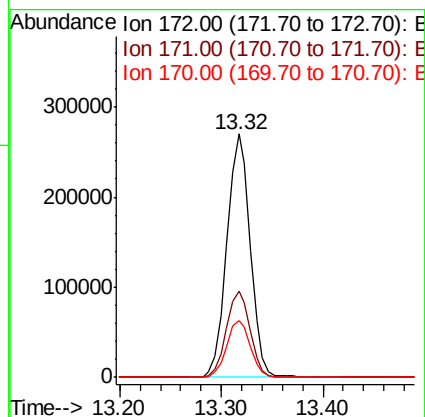
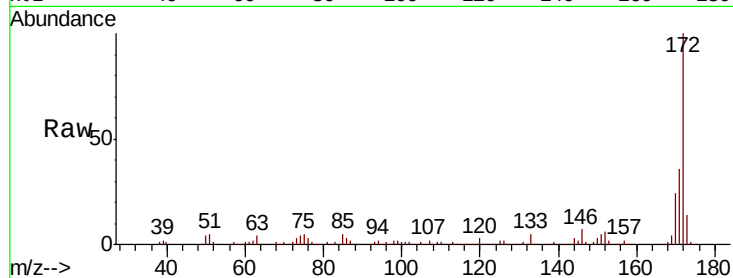




#45
 2-Fluorobiphenyl
 Concen: 100.029 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

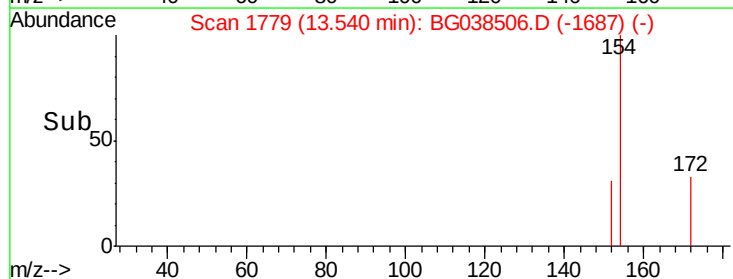
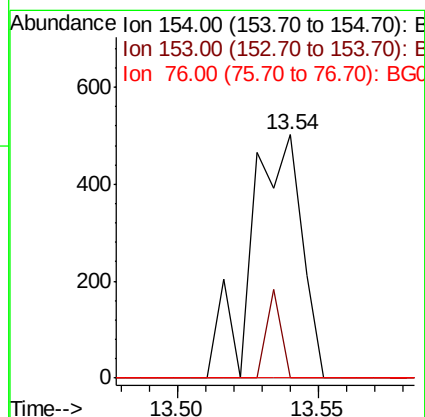
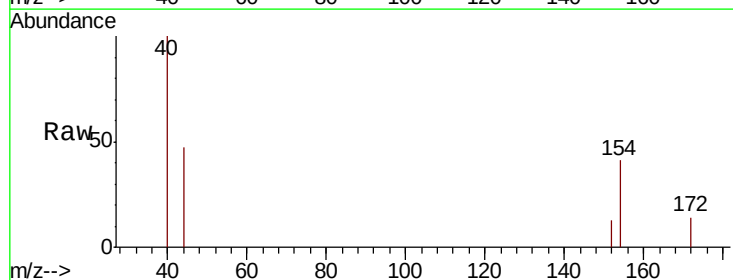
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-121018-A

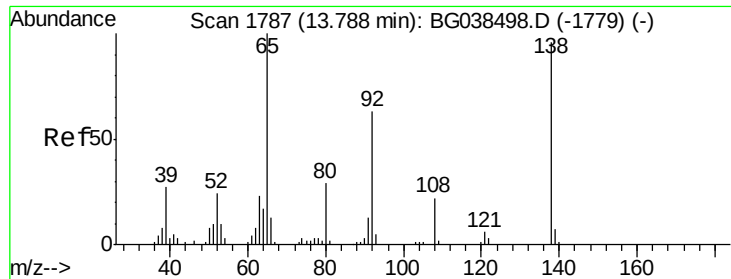
Tgt Ion:172 Resp: 430032
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.8 44.6
 170 23.5 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 0.127 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

Tgt Ion:154 Resp: 626
 Ion Ratio Lower Upper
 154 100
 153 0.0 22.1 62.1#
 76 0.0 0.0 31.2

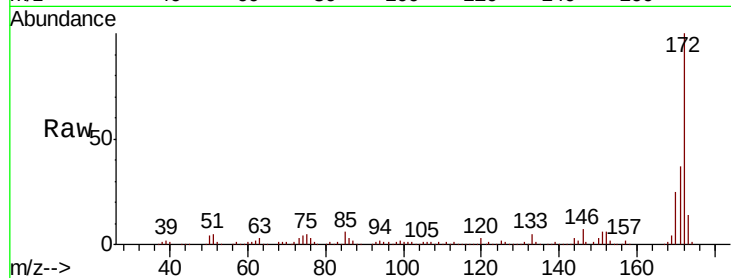




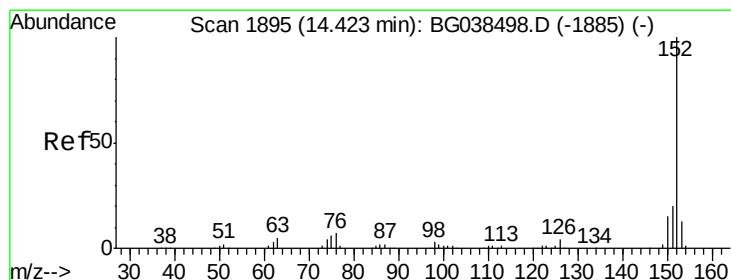
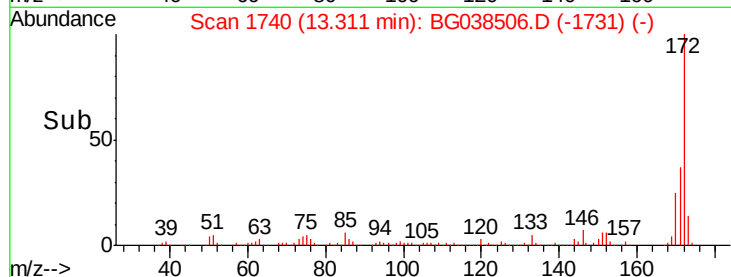
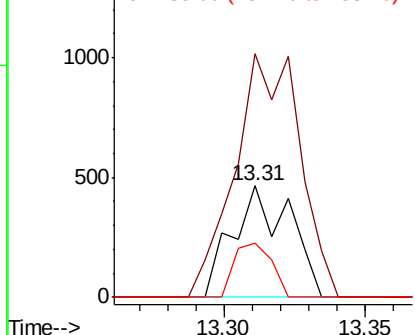
#48
2-Nitroaniline
Concen: 0.535 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.48 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

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

Tgt Ion: 65 Resp: 651
Ion Ratio Lower Upper
65 100
92 219.0 50.0 75.0#
138 49.1 76.9 115.3#

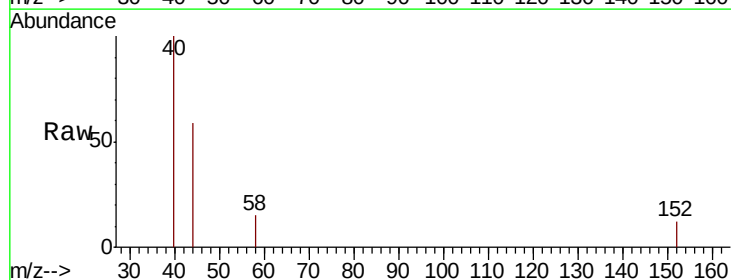


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

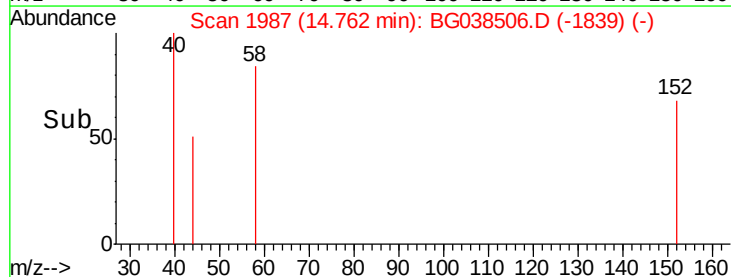
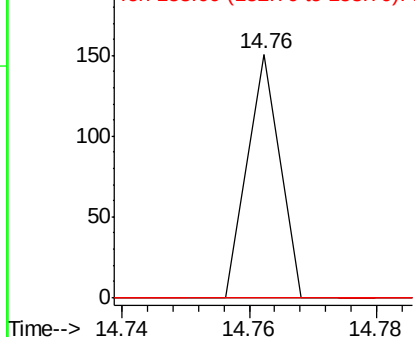


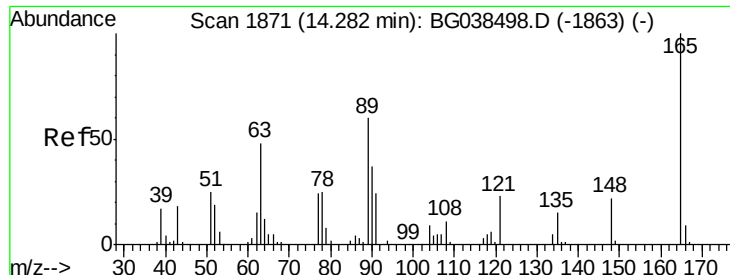
#49
Acenaphthylene
Concen: 0.009 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.34 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

Tgt Ion: 152 Resp: 53
Ion Ratio Lower Upper
152 100
151 0.0 16.4 24.6#
153 0.0 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

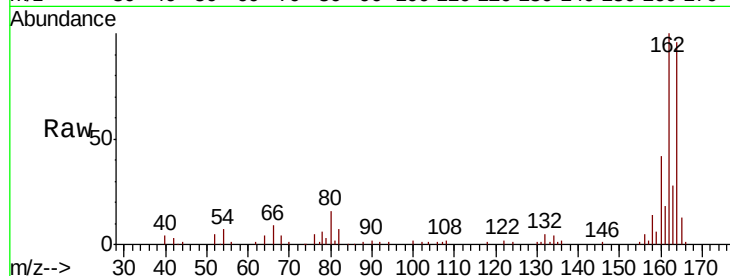




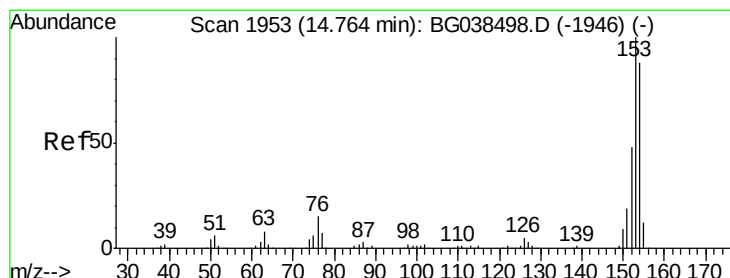
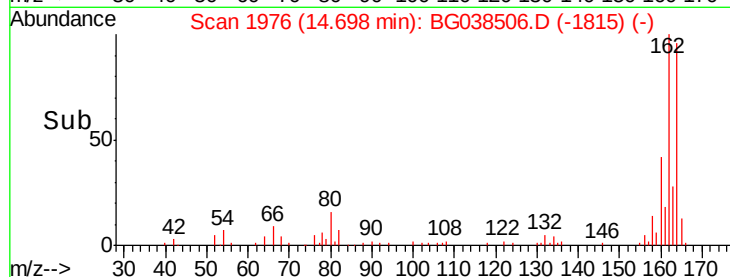
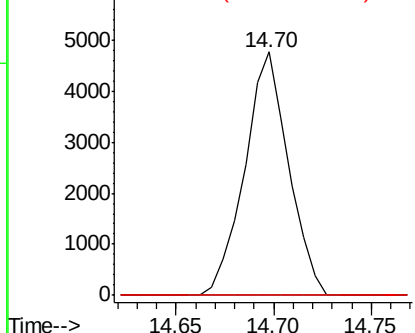
#51
 2,6-Dinitrotoluene
 Concen: 6.781 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.42 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

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

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

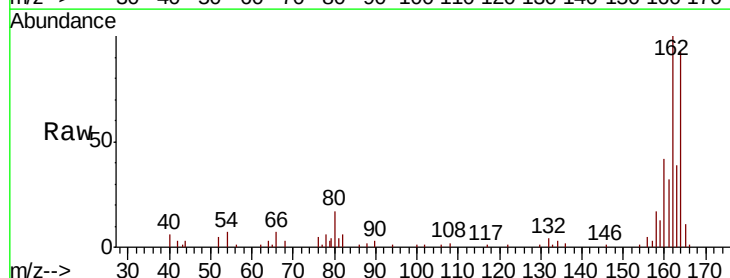


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

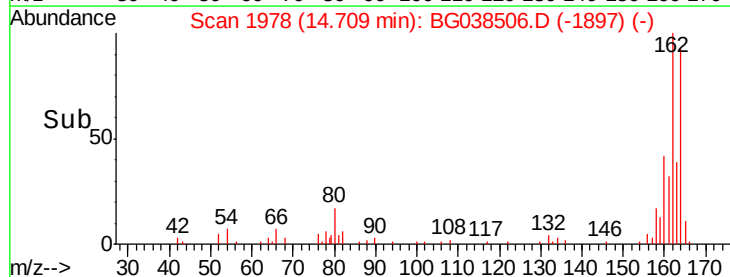
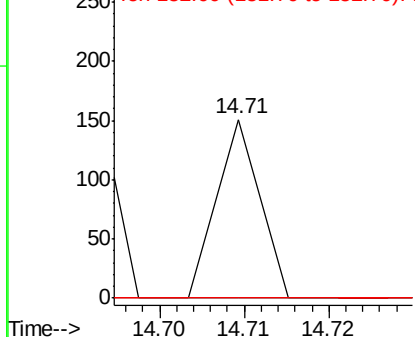


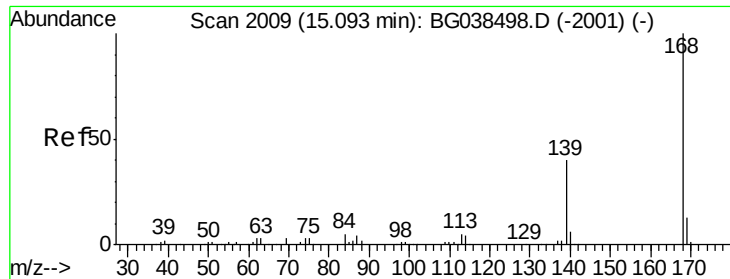
#52
 Acenaphthene
 Concen: 0.016 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.05 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	0.0	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: 0.013 ng

RT: 15.11 min Scan# 2046

Delta R.T. 0.02 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

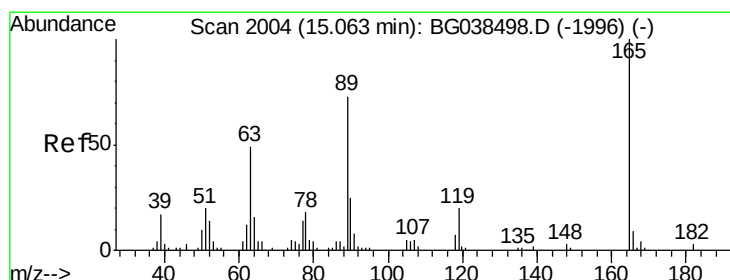
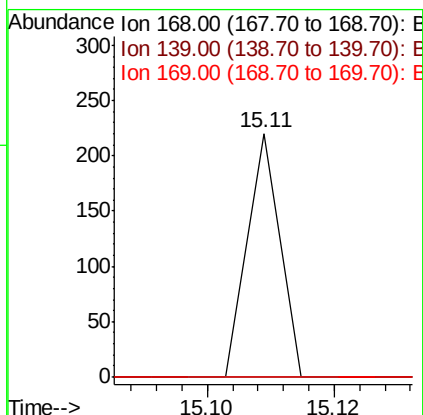
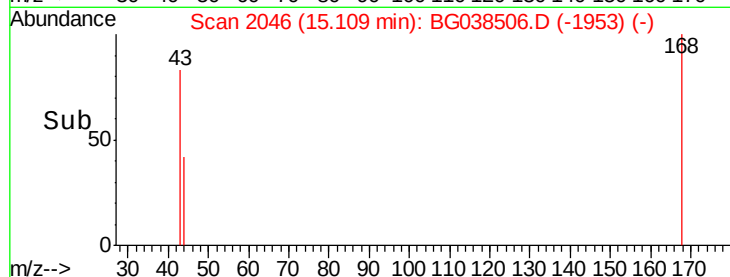
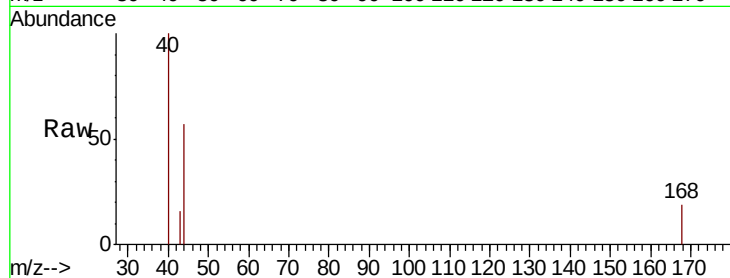
Tgt Ion:168 Resp: 78

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

169 0.0 10.6 16.0#



#57

2,4-Dinitrotoluene

Concen: 4.814 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.37 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Tgt Ion:165 Resp: 7401

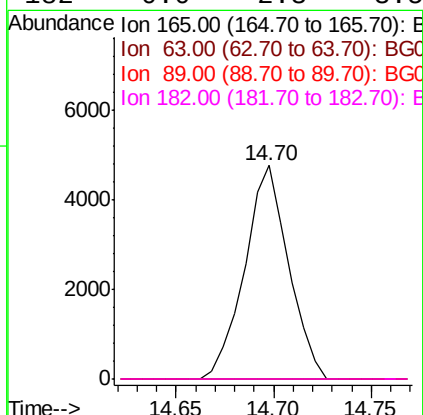
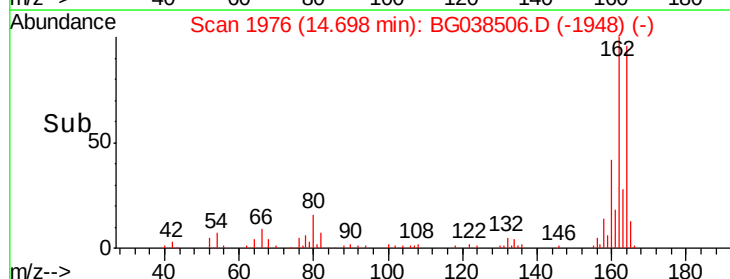
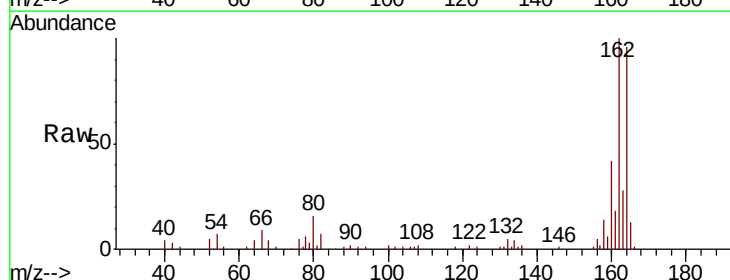
Ion Ratio Lower Upper

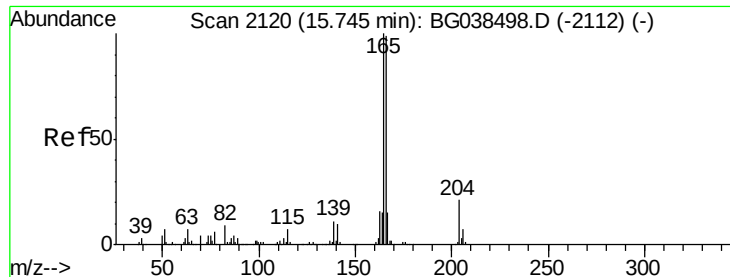
165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#





#58

Fluorene

Concen: 1.019 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.44 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

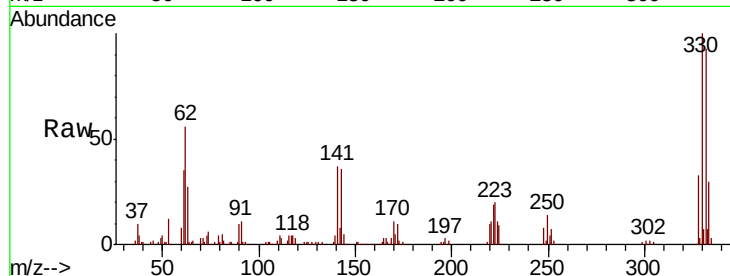
Tgt Ion:166 Resp: 4418

Ion Ratio Lower Upper

166 100

165 98.5 80.6 120.8

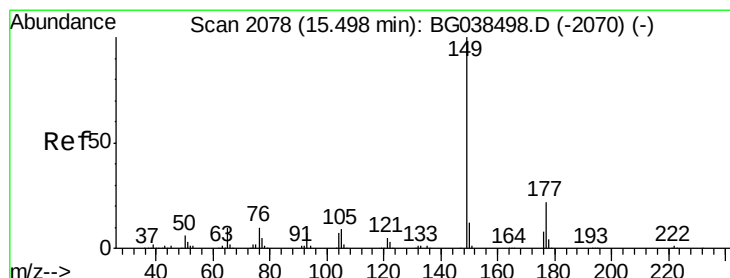
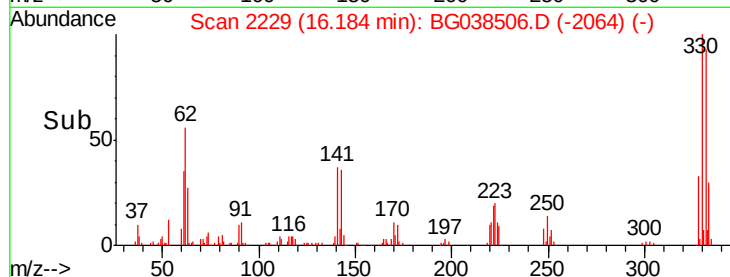
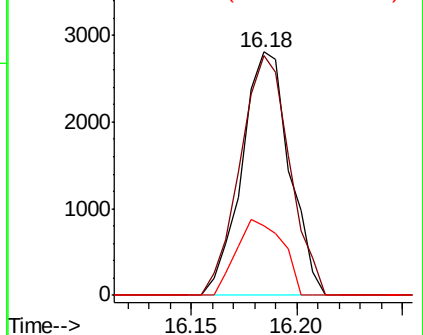
167 28.5 12.0 18.0#



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



#60

Diethylphthalate

Concen: 0.012 ng

RT: 15.49 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

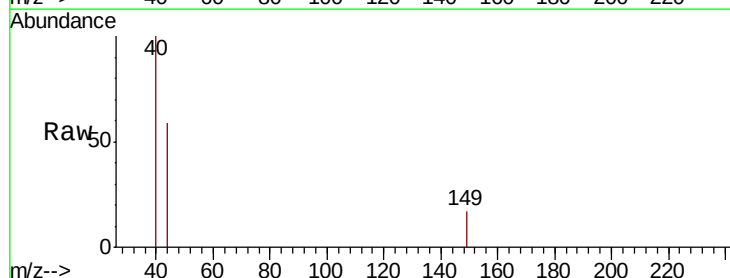
Tgt Ion:149 Resp: 62

Ion Ratio Lower Upper

149 100

177 0.0 17.7 26.5#

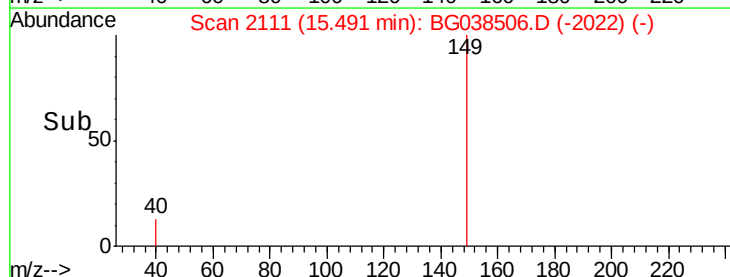
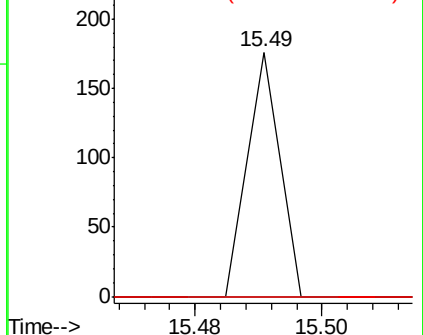
150 0.0 9.9 14.9#

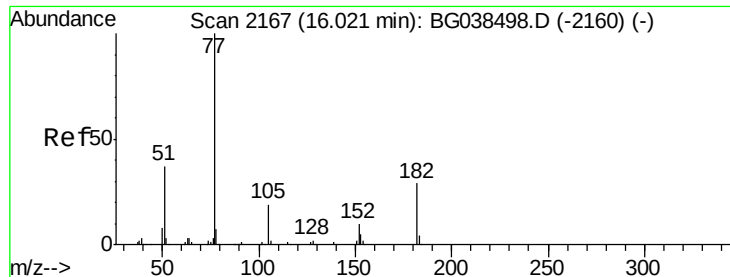


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.178 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.17 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

Tgt Ion: 77 Resp: 784

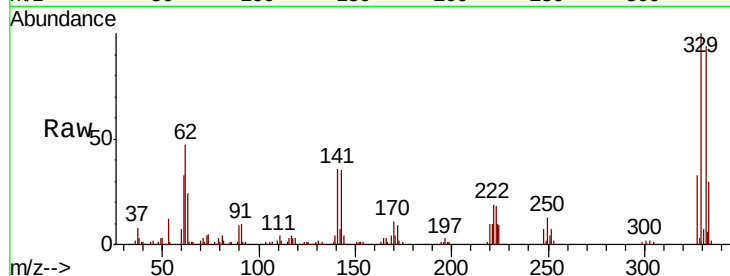
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 52.7 0.0 38.7#

51 56.0 16.6 56.6

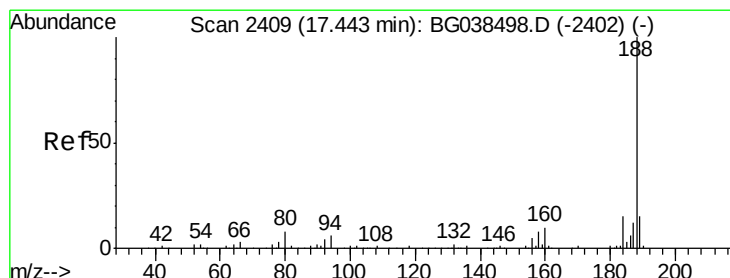
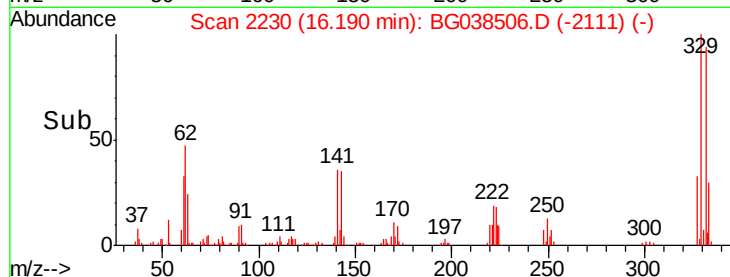
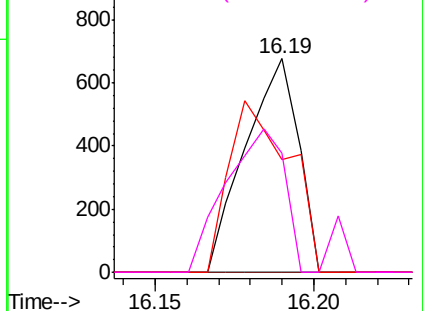


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038506.D

Acq: 12 Dec 2018 20:06

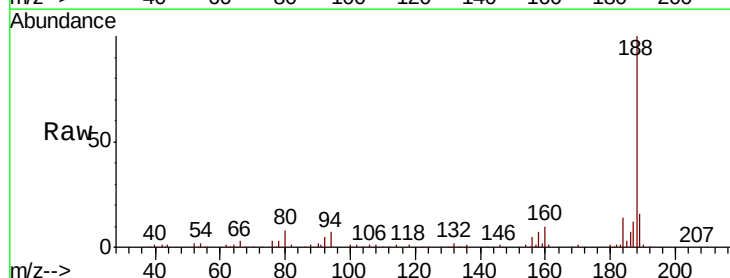
Tgt Ion: 188 Resp: 160821

Ion Ratio Lower Upper

188 100

94 7.0 5.1 7.7

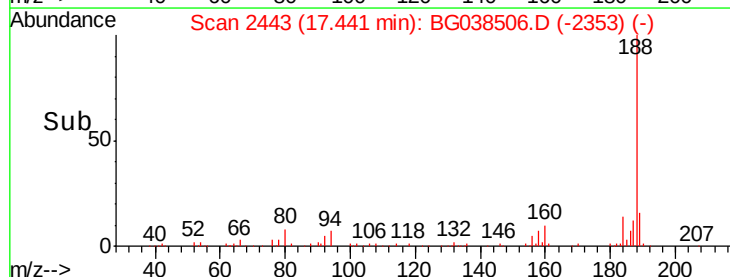
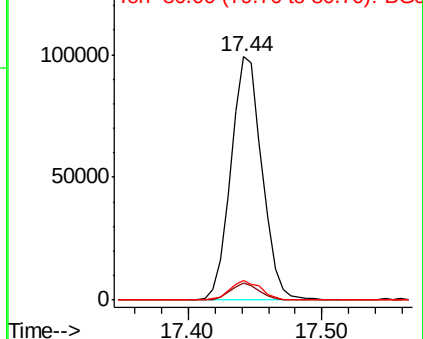
80 8.0 6.1 9.1

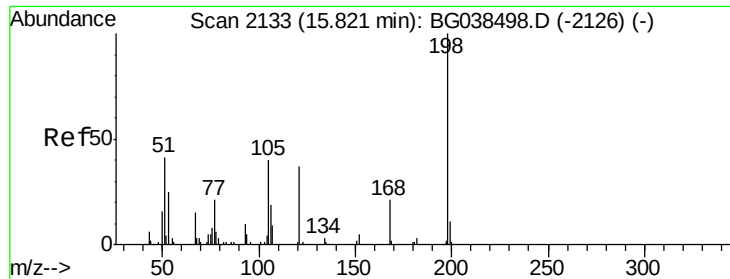


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

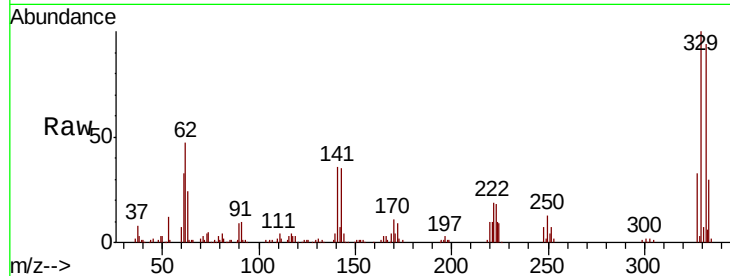




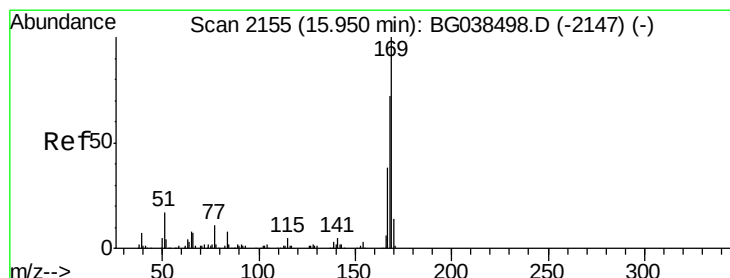
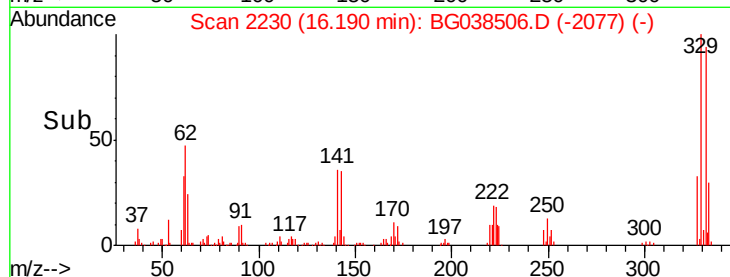
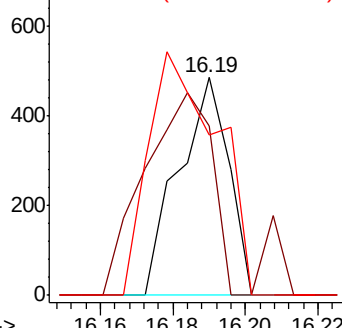
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.404 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.37 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

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

Tgt Ion:198 Resp: 464
 Ion Ratio Lower Upper
 198 100
 51 21.1 28.6 68.6#
 105 19.9 20.4 60.4#

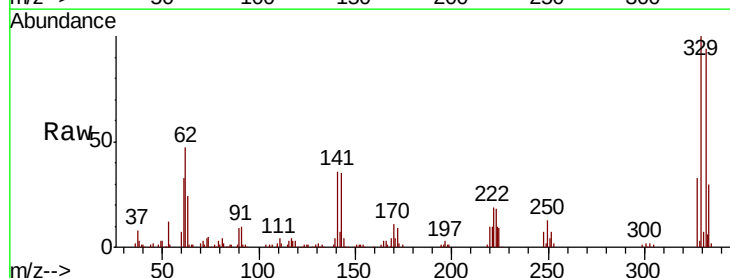


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

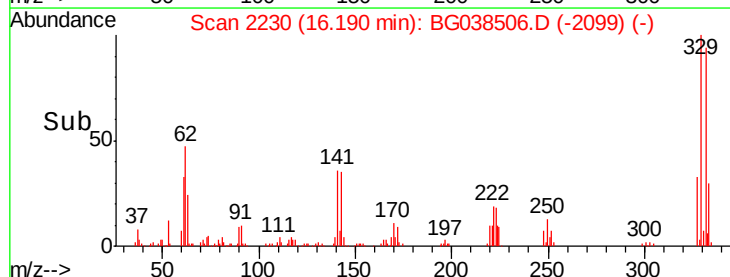
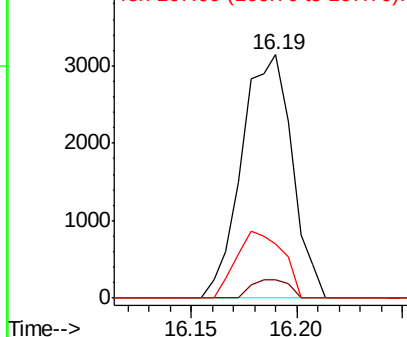


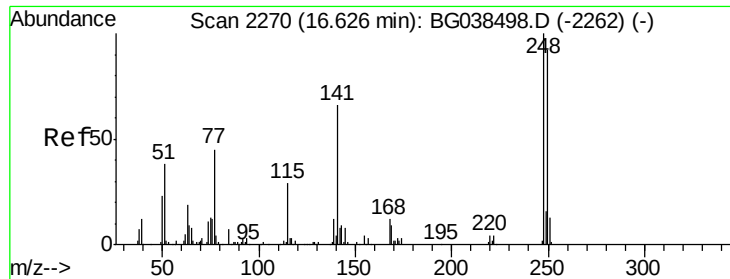
#66
 n-Nitrosodiphenylamine
 Concen: 1.099 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.24 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

Tgt Ion:169 Resp: 5192
 Ion Ratio Lower Upper
 169 100
 168 7.6 57.5 86.3#
 167 22.5 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

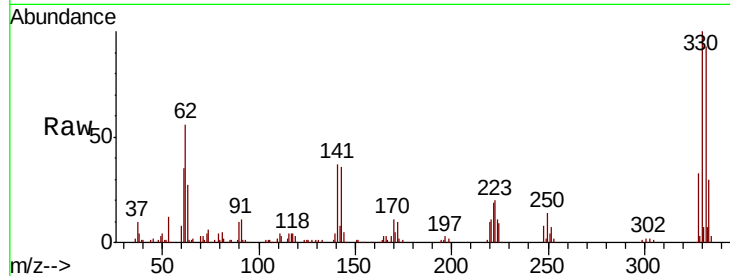




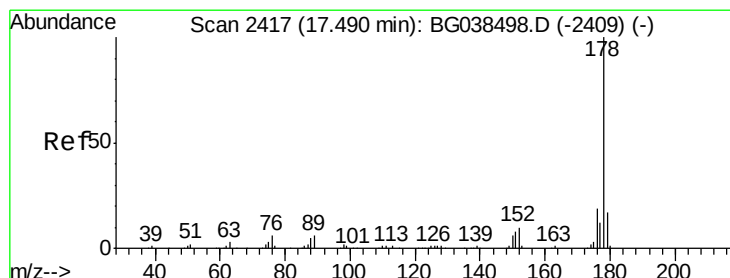
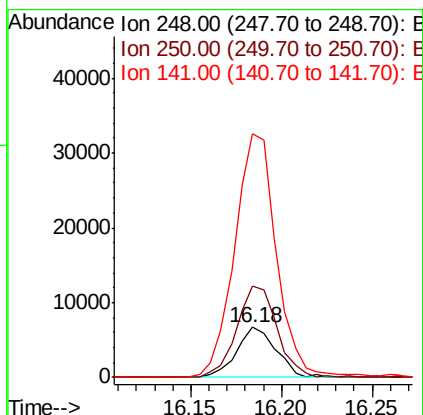
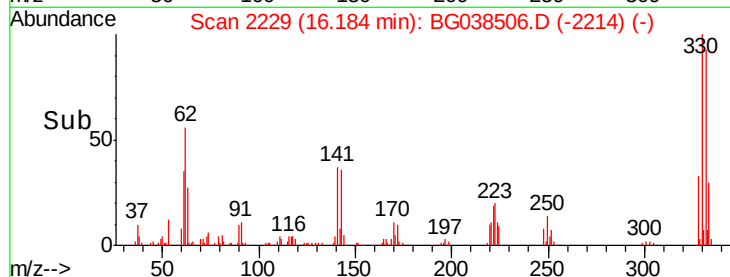
#67
 4-Bromophenyl-phenylether
 Concen: 5.084 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

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

Tgt Ion: 248 Resp: 9985
 Ion Ratio Lower Upper
 248 100
 250 180.3 73.4 110.2#
 141 372.8 52.9 79.3#

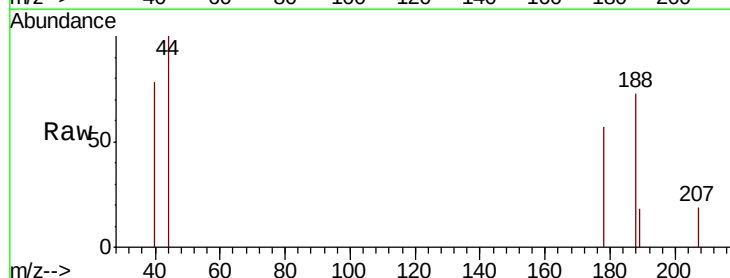


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

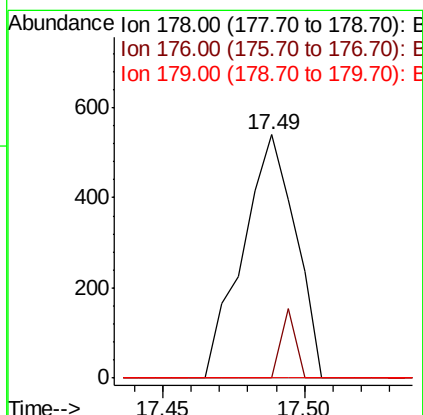
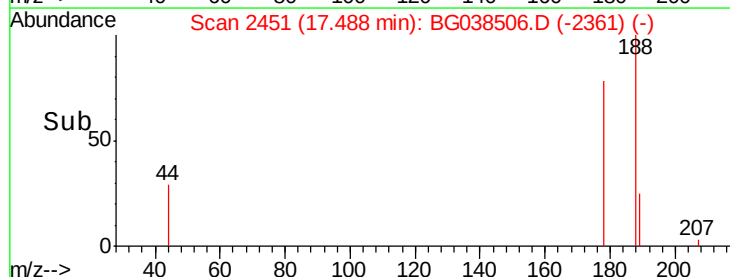


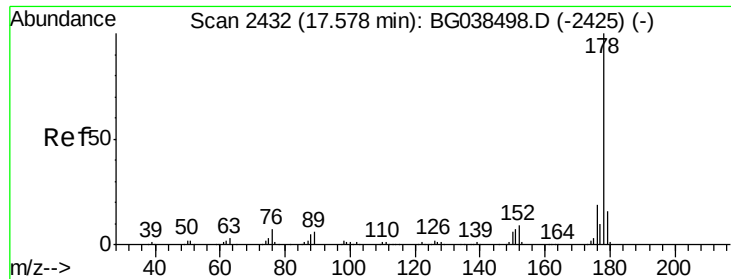
#71
 Phenanthrene
 Concen: 0.084 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038506.D
 Acq: 12 Dec 2018 20:06

Tgt Ion: 178 Resp: 697
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.1 22.7#
 179 0.0 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: 0.085 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.09 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

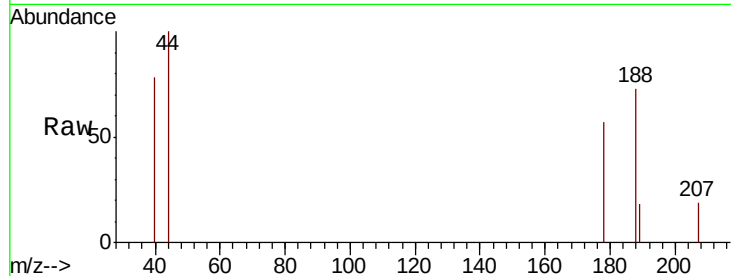
Tgt Ion:178 Resp: 697

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

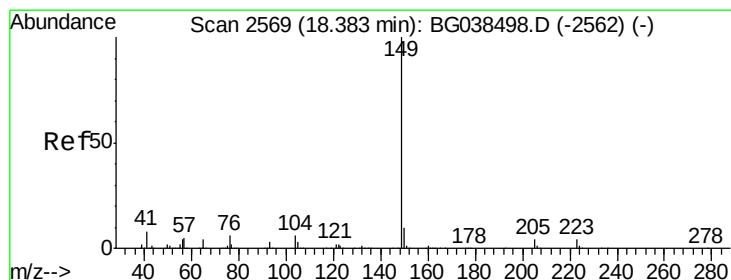
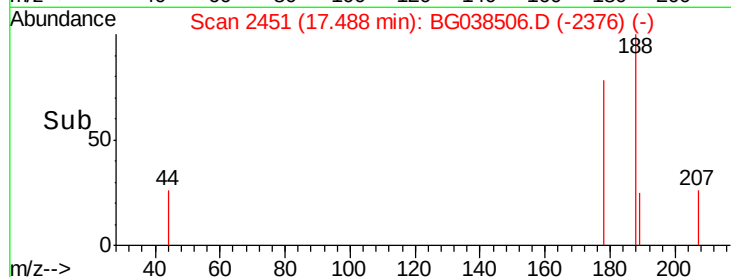
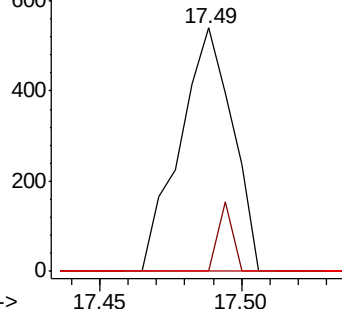
179 0.0 12.9 19.3#



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



#74

Di-n-butylphthalate

Concen: 0.175 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

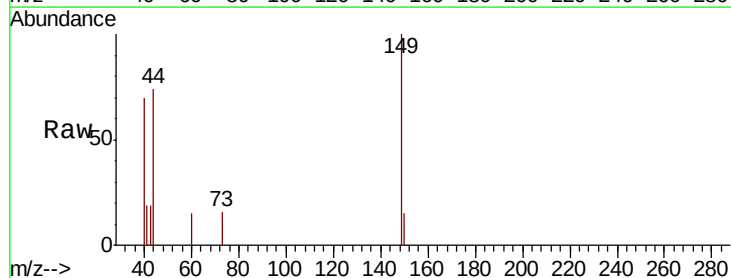
Tgt Ion:149 Resp: 1638

Ion Ratio Lower Upper

149 100

150 15.0 7.6 11.4#

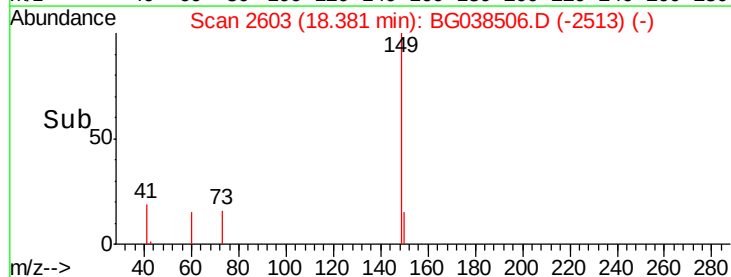
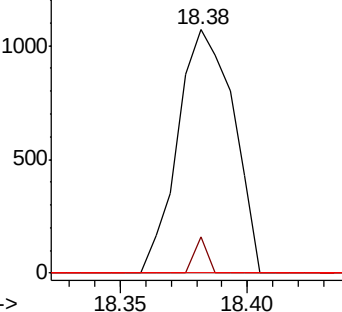
104 0.0 5.0 7.4#

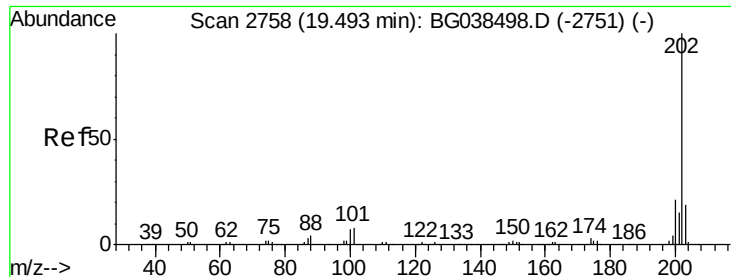


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

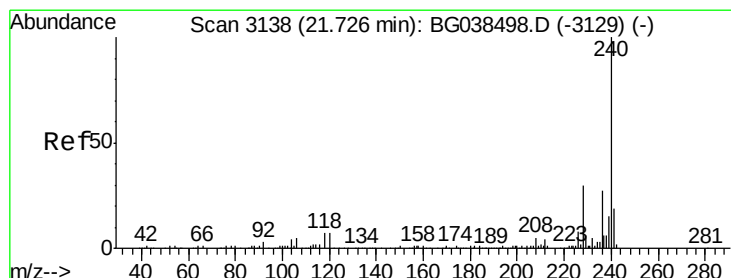
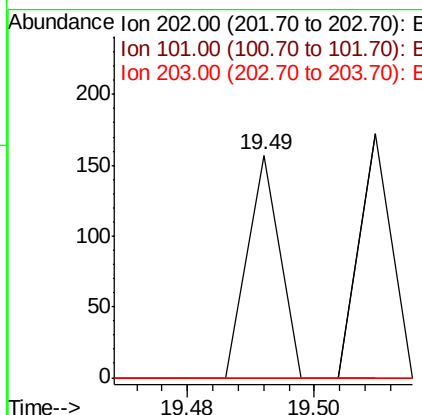
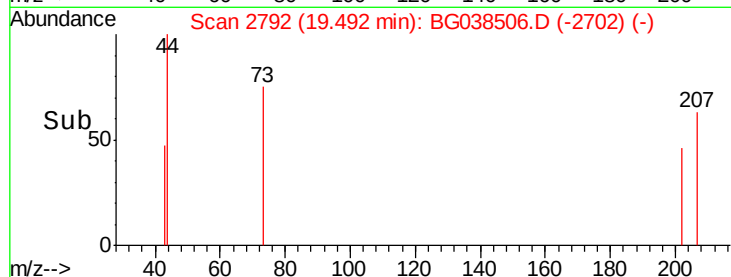
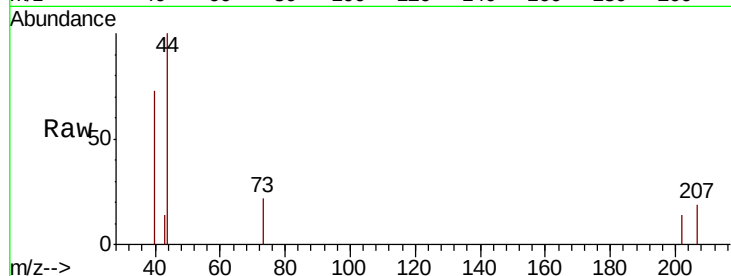




#75
Fluoranthene
Concen: 0.005 ng
RT: 19.49 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

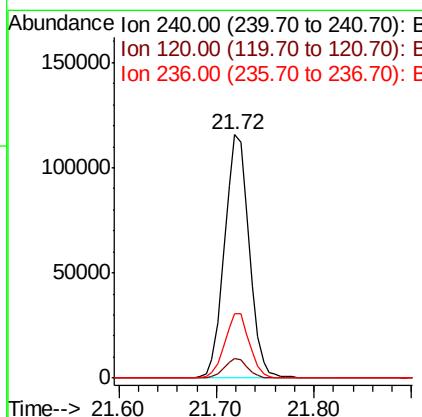
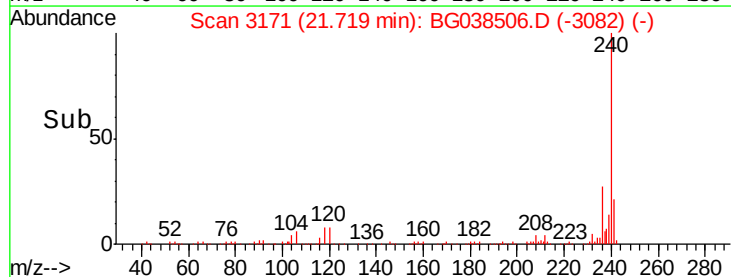
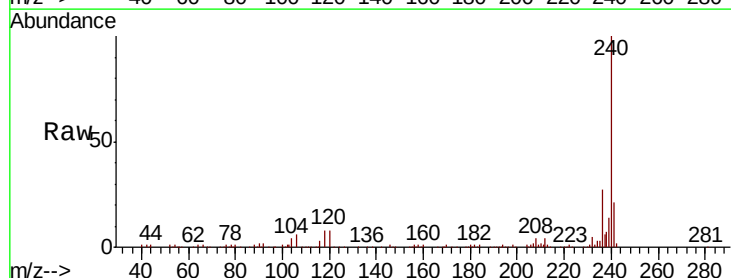
Instrument :
BNA_G
ClientSampleId :
CL-01-121018-A

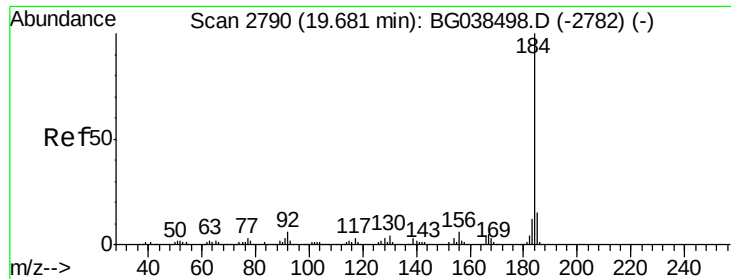
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.1
203	0.0	0.0	39.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	5.3	7.9
236	26.7	21.4	32.2





#77

Benzidine

Concen: 3.074 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

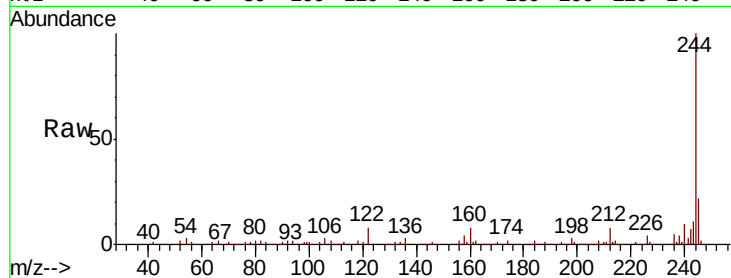
Tgt Ion:184 Resp: 18400

Ion Ratio Lower Upper

184 100

185 17.0 12.2 18.2

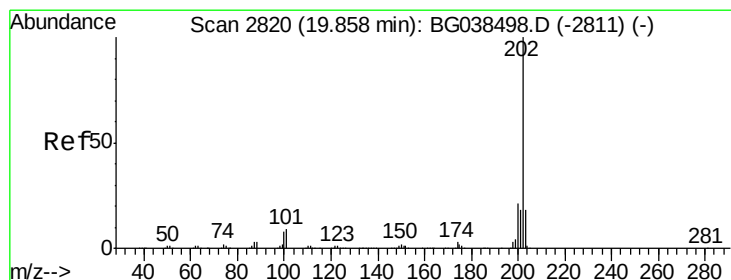
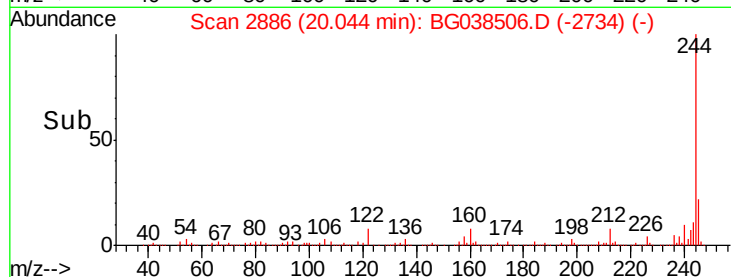
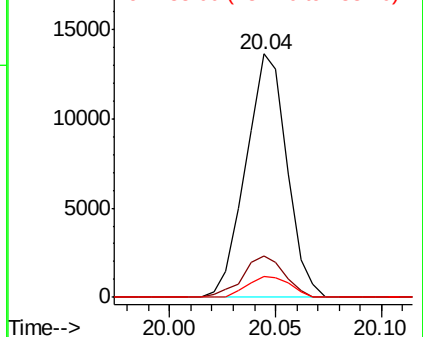
183 8.8 9.6 14.4#



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: 0.282 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.19 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

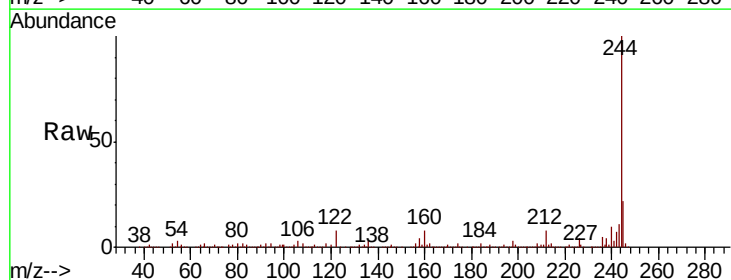
Tgt Ion:202 Resp: 3776

Ion Ratio Lower Upper

202 100

200 41.5 16.6 25.0#

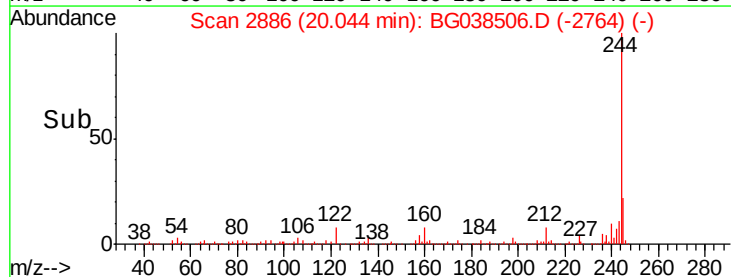
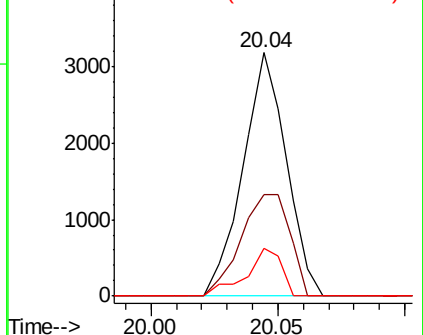
203 19.7 14.6 21.8

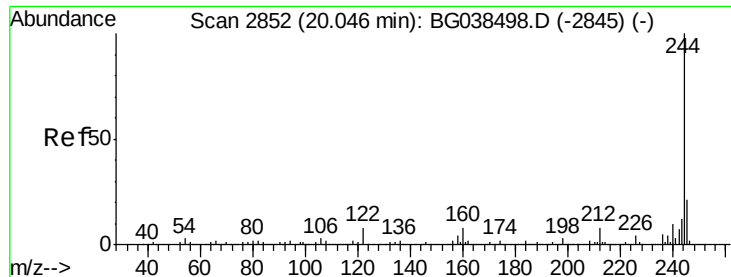


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 108.095 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

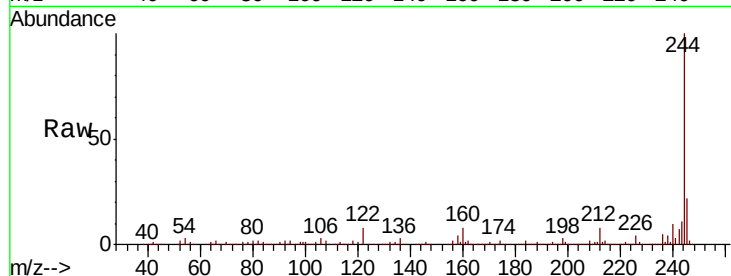
Tgt Ion:244 Resp: 1005162

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

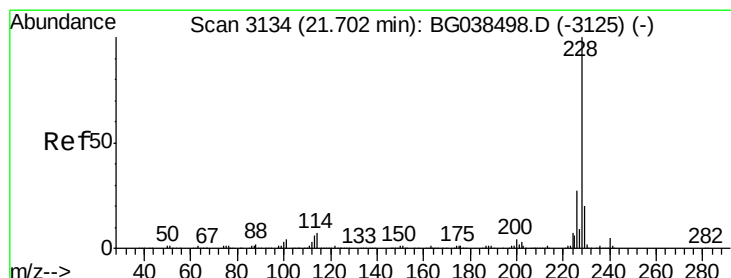
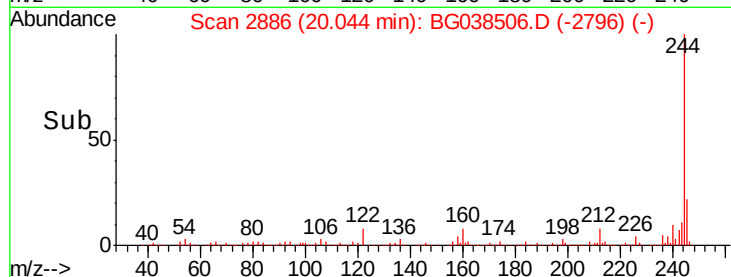
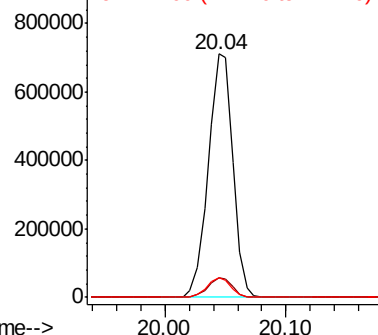
122 8.2 6.3 9.5



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: 0.040 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.02 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

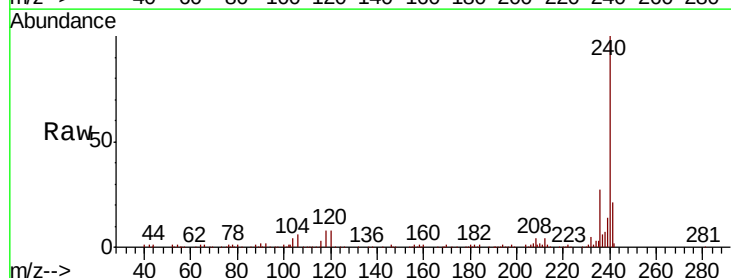
Tgt Ion:228 Resp: 490

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

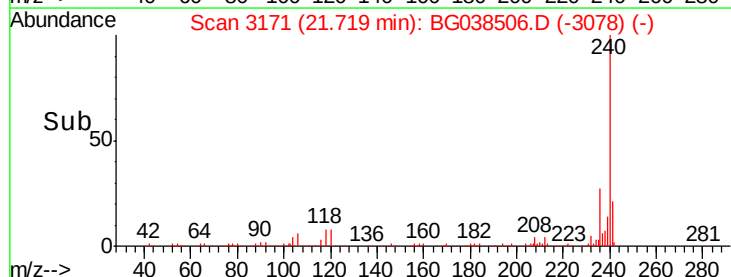
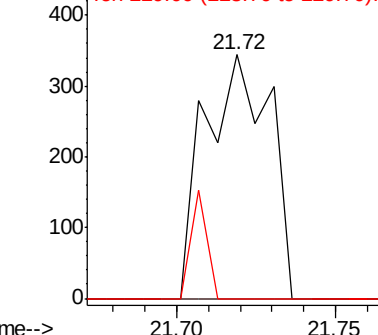
229 0.0 15.8 23.6#

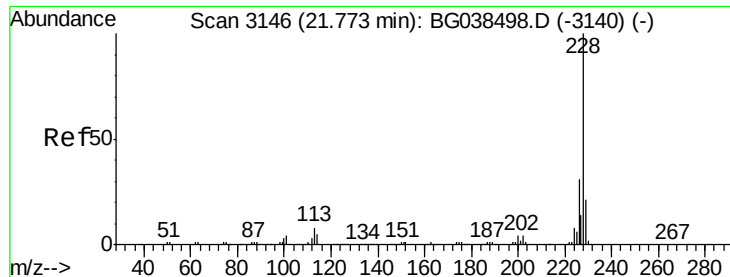


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.041 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.05 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

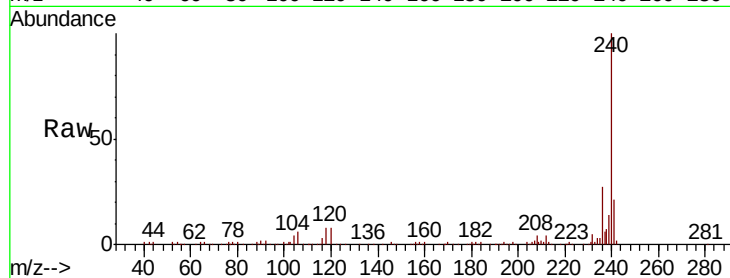
Tgt Ion: 228 Resp: 490

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.4#

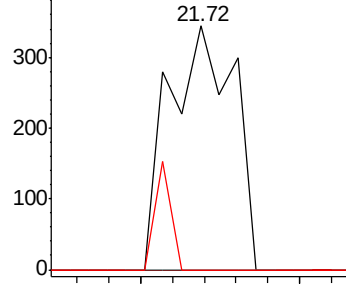
229 0.0 16.5 24.7#



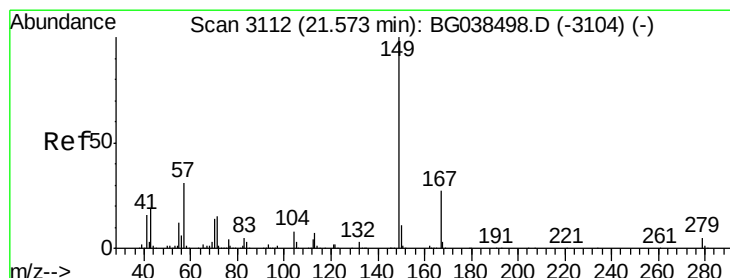
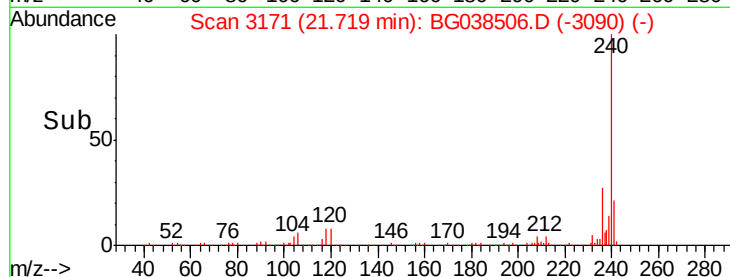
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.039 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

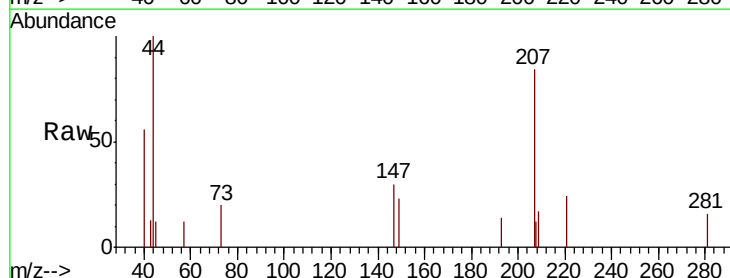
Tgt Ion: 149 Resp: 292

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

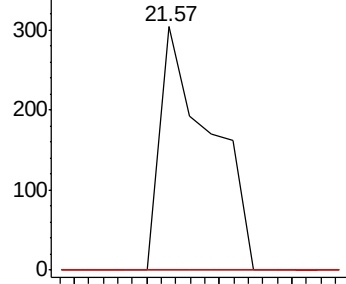
279 0.0 4.2 6.2#



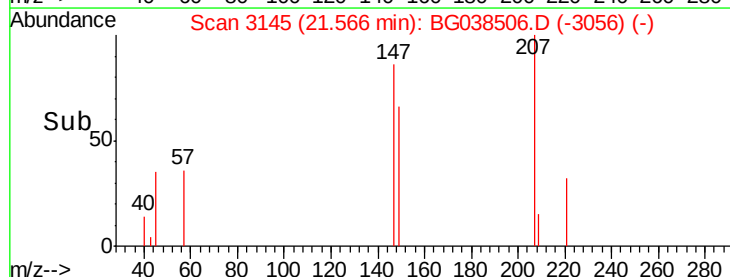
Abundance Ion 149.00 (148.70 to 149.70): E

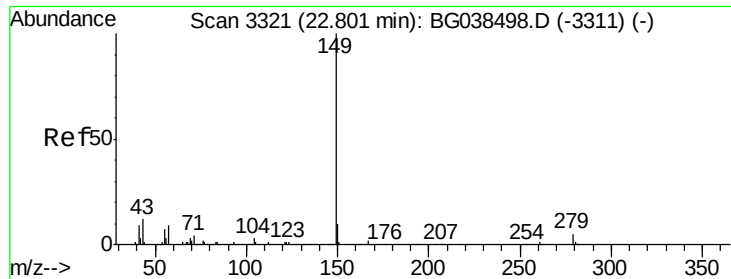
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

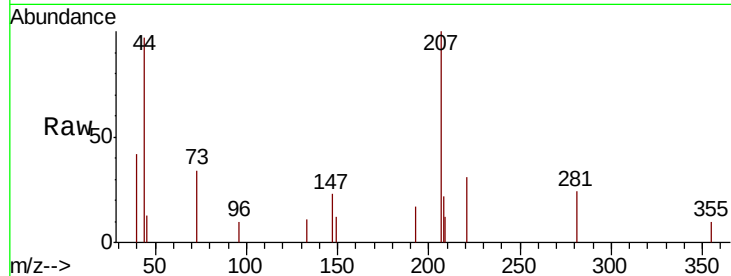




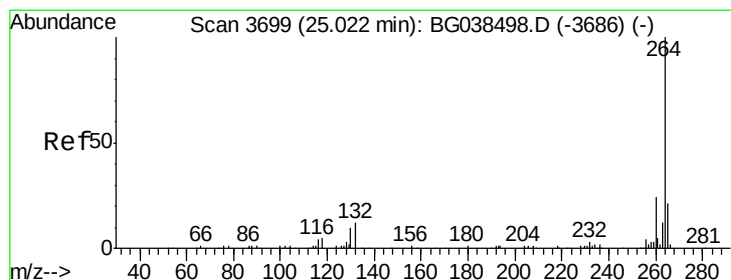
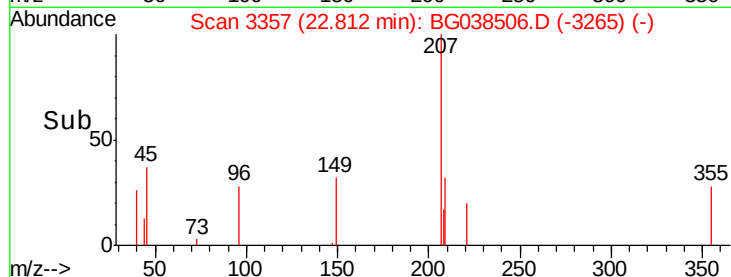
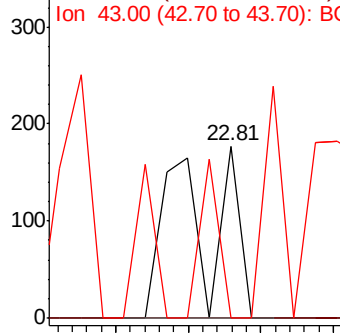
#85
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 22.81 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

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

Tgt Ion:149 Resp: 173
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 9.3 13.9#

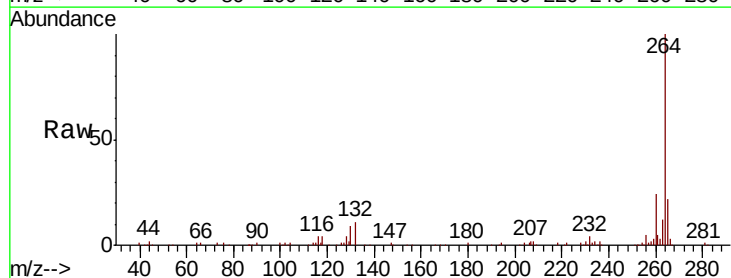


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BG

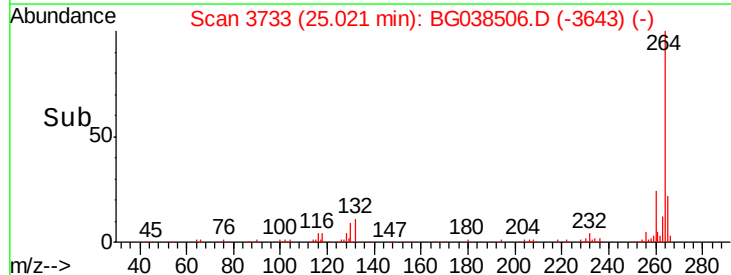
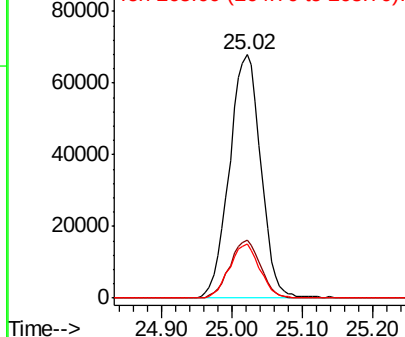


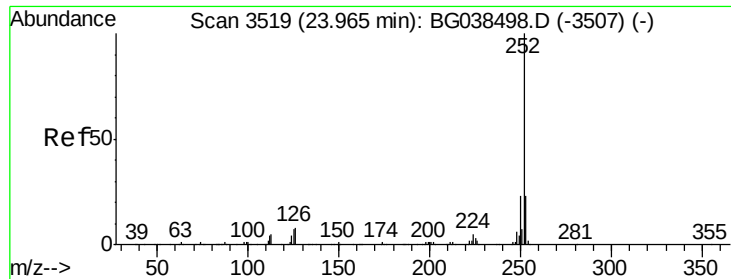
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038506.D
Acq: 12 Dec 2018 20:06

Tgt Ion:264 Resp: 210213
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.1 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.011 ng

RT: 23.99 min Scan# 3557

Delta R.T. 0.02 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A

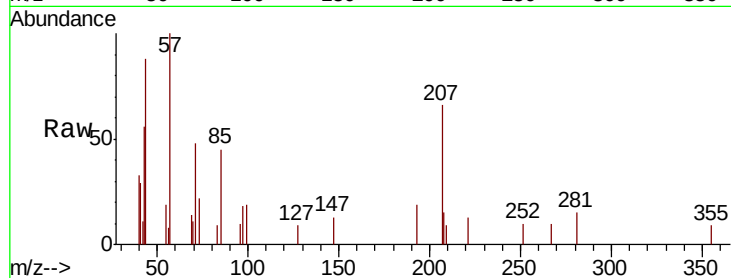
Tgt Ion: 252 Resp: 122

Ion Ratio Lower Upper

252 100

253 0.0 18.1 27.1#

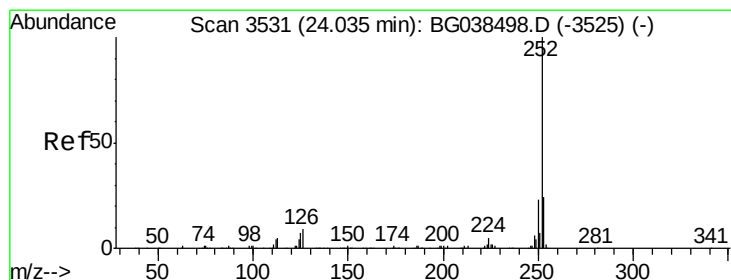
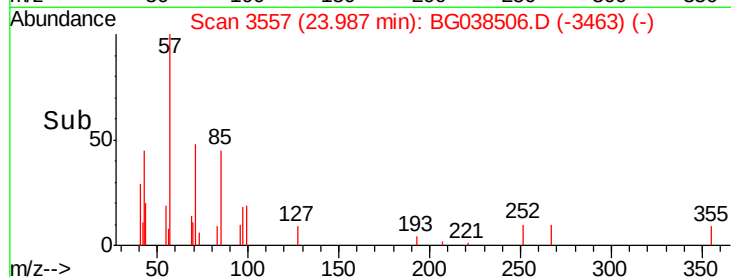
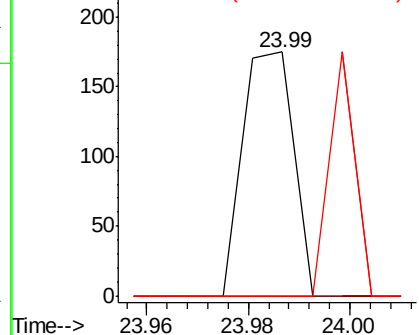
125 0.0 5.5 8.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.008 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG038506.D

Acq: 12 Dec 2018 20:06

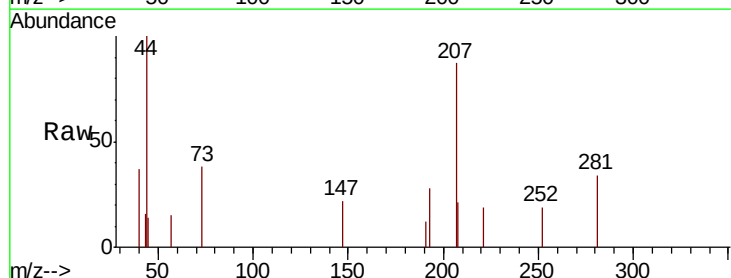
Tgt Ion: 252 Resp: 87

Ion Ratio Lower Upper

252 100

253 0.0 18.9 28.3#

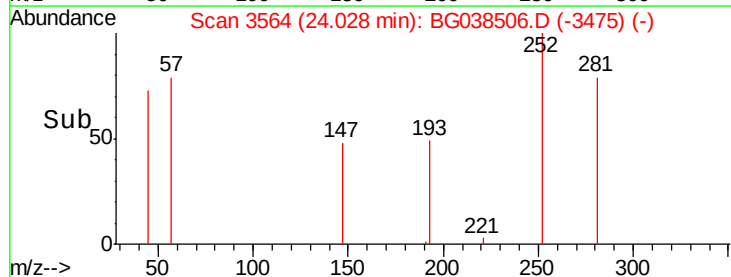
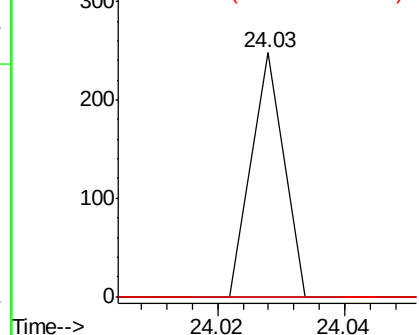
125 0.0 5.4 8.2#

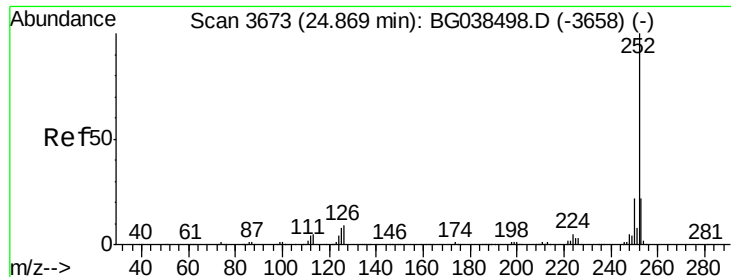


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.011 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038506.D

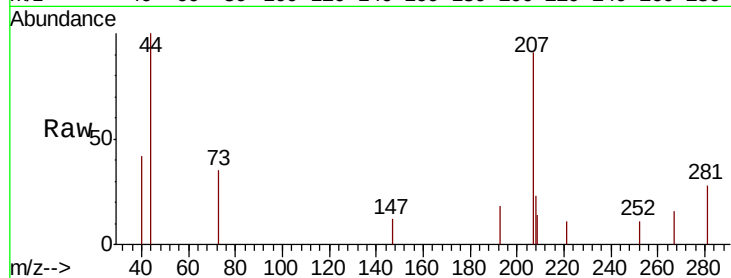
Acq: 12 Dec 2018 20:06

Instrument :

BNA_G

ClientSampleId :

CL-01-121018-A



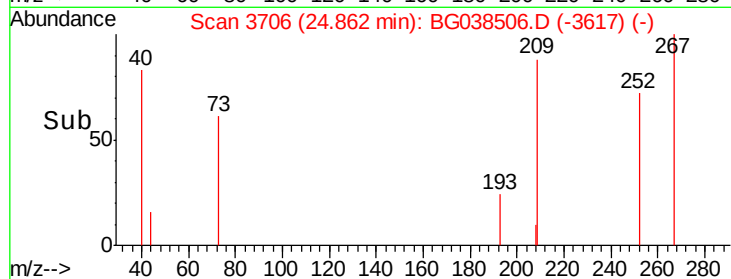
Tgt Ion:252 Resp: 117

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

125 0.0 6.4 9.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

