

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037984.D
 Acq On : 13 Nov 2018 19:19
 Operator : JU/SJ
 Sample : J5909-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

Quant Time: Nov 14 00:13:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	50992	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	212440	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	133201	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	329614	20.00	ng	0.00
76) Chrysene-d12	21.75	240	319610	20.00	ng	0.00
87) Perylene-d12	25.07	264	323106	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	350149	118.56	ng	0.00
7) Phenol-d6	7.23	99	446889	106.00	ng	0.00
23) Nitrobenzene-d5	9.26	82	329096	82.93	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	191517	126.07	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	723049	79.08	ng	0.00
79) Terphenyl-d14	20.07	244	1235220	90.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	167	0.120	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	788	0.546	ng	# 1
6) Aniline	7.61	93	655	0.120	ng	# 1
9) Benzaldehyde	7.23	77	652	0.214	ng	# 4
10) Phenol	7.62	94	827	0.185	ng	# 1
11) bis(2-Chloroethyl)ether	7.61	93	655	0.180	ng	# 1
15) Benzyl Alcohol	8.41	79	4375	1.434	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	8.58	45	165	0.024	ng	# 74
19) n-Nitroso-di-n-propylamine	9.26	70	41094	13.471	ng	# 69
22) Acetophenone	8.92	105	58	0.011	ng	# 13
24) Nitrobenzene	9.27	77	1010	0.249	ng	# 42
27) 2,4-Dimethylphenol	10.16	122	600	0.196	ng	# 2
31) Naphthalene	10.96	128	2285	0.219	ng	# 86
32) Benzoic acid	10.16	122	600	12.560	ng	# 58
33) 4-Chloroaniline	10.96	127	115	0.024	ng	# 45
37) 2-Methylnaphthalene	12.56	142	1294	0.172	ng	# 87
38) 1-Methylnaphthalene	12.77	142	961	0.133	ng	# 97
46) 1,1'-Biphenyl	13.55	154	1632	0.146	ng	# 73
48) 2-Nitroaniline	13.35	65	1285	0.478	ng	# 1
49) Acenaphthylene	14.78	152	609	0.047	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	17968	7.518	ng	# 25
52) Acenaphthene	14.79	154	863	0.112	ng	# 87
55) Dibenzofuran	15.12	168	977	0.076	ng	# 76
56) 4-Nitrophenol	15.11	139	209	0.103	ng	# 7
57) 2,4-Dinitrotoluene	14.72	165	17968	5.526	ng	# 25
58) Fluorene	15.77	166	785	0.082	ng	# 85
63) Azobenzene	16.20	77	1150	0.115	ng	# 50
65) 4,6-Dinitro-2-methylphenol	16.20	198	645	0.309	ng	# 91
66) n-Nitrosodiphenylamine	16.21	169	7955	0.798	ng	# 49
67) 4-Bromophenyl-phenylether	16.21	248	14169	3.916	ng	# 1
71) Phenanthrene	17.51	178	2735	0.162	ng	# 91
72) Anthracene	17.61	178	317	0.019	ng	# 60
73) Carbazole	17.88	167	134	0.008	ng	# 58
74) Di-n-butylphthalate	18.41	149	843	0.045	ng	# 77

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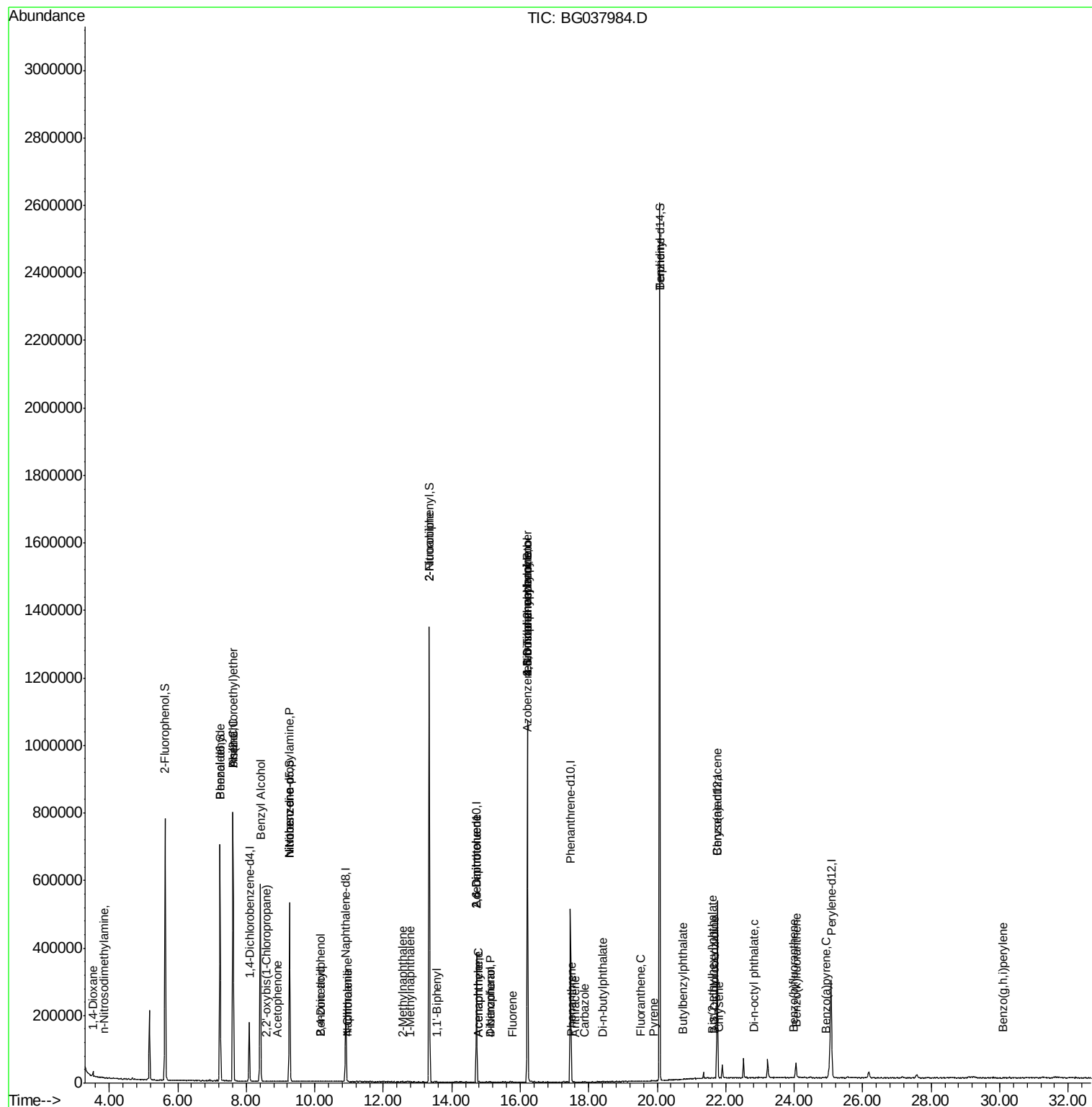
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) Fluoranthene	19.52	202	737	0.038	ng	63
77) Benzidine	20.07	184	21564	1.923	ng	# 93
78) Pyrene	19.89	202	574	0.027	ng	# 56
80) Butylbenzylphthalate	20.75	149	117	0.013	ng	# 35
81) Benzo(a)anthracene	21.75	228	1625	0.084	ng	# 91
82) 3,3'-Dichlorobenzidine	21.65	252	79	0.011	ng	# 25
83) Chrysene	21.80	228	758	0.041	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.61	149	963	0.074	ng	# 51
85) Di-n-octyl phthalate	22.82	149	93	0.004	ng	# 74
88) Benzo(b)fluoranthene	24.00	252	68	0.004	ng	# 59
89) Benzo(k)fluoranthene	24.08	252	548	0.031	ng	# 33
90) Benzo(a)pyrene	24.92	252	199	0.012	ng	# 60
92) Benzo(g,h,i)perylene	30.10	276	55	0.003	ng	# 53

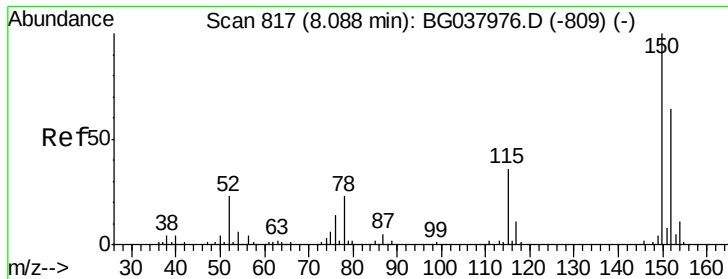
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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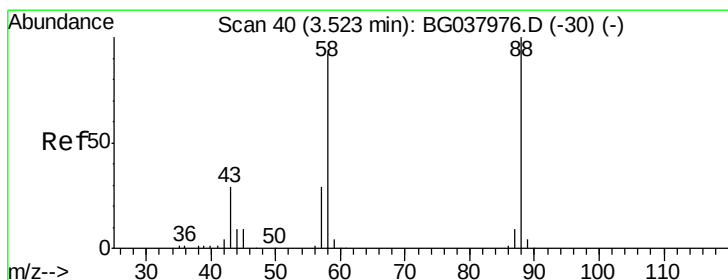
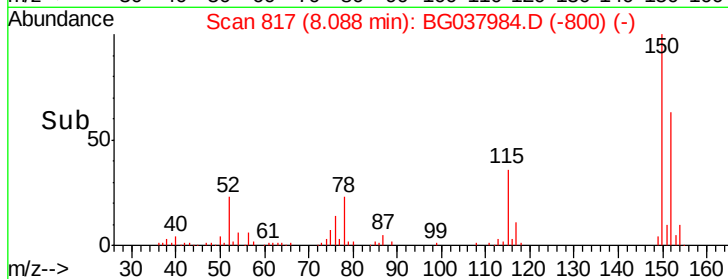
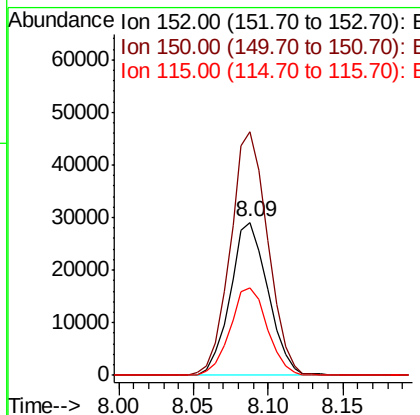
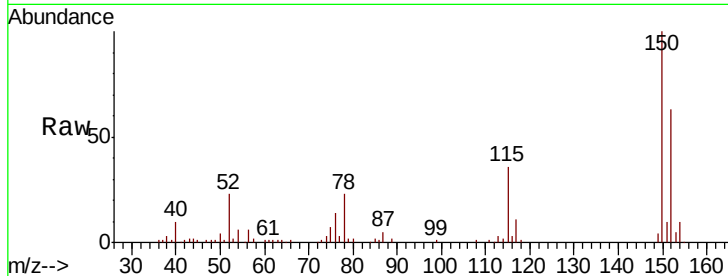




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

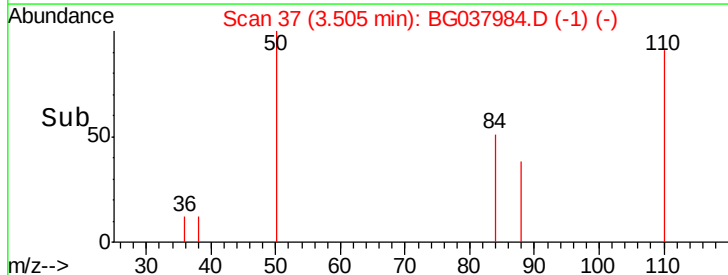
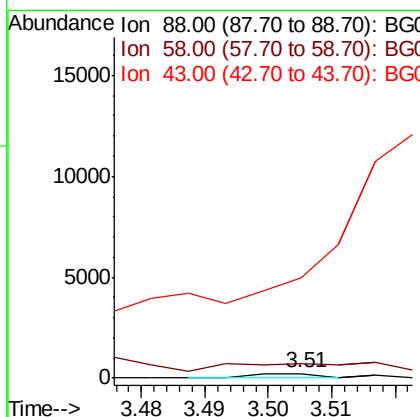
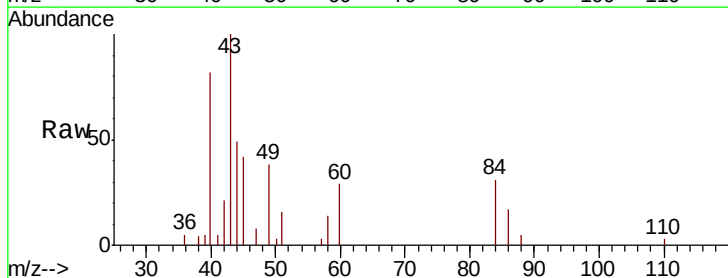
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

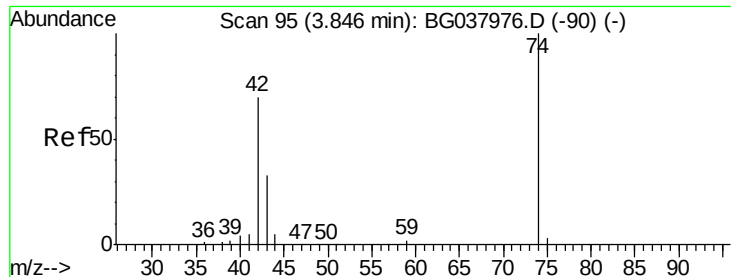
Tgt Ion:152 Resp: 50992
 Ion Ratio Lower Upper
 152 100
 150 159.1 126.0 189.0
 115 56.8 45.5 68.3



#2
 1,4-Dioxane
 Concen: 0.120 ng
 RT: 3.51 min Scan# 37
 Delta R.T. -0.02 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion: 88 Resp: 167
 Ion Ratio Lower Upper
 88 100
 58 391.6 74.4 111.6#
 43 7493.4 25.8 38.8#





#4

n-Nitrosodimethylamine

Concen: 0.546 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.01 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

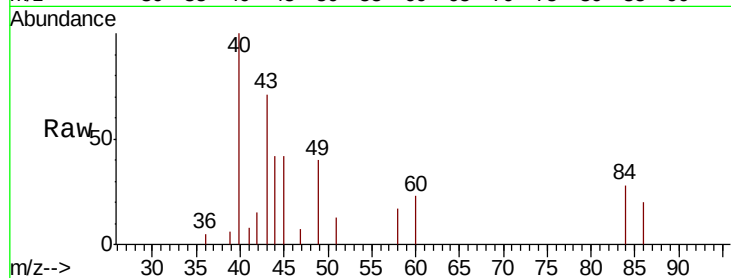
Tgt Ion: 42 Resp: 788

Ion Ratio Lower Upper

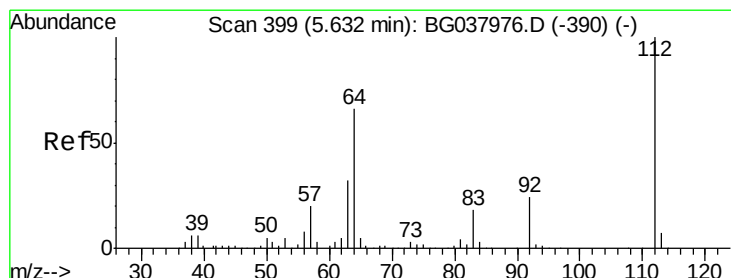
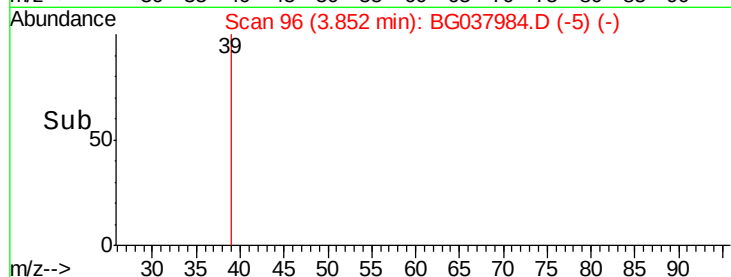
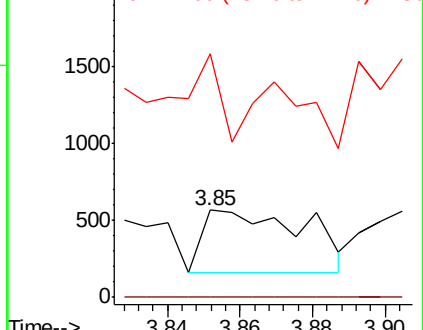
42 100

74 0.0 102.0 153.0#

44 279.7 9.6 14.4#



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: 118.559 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

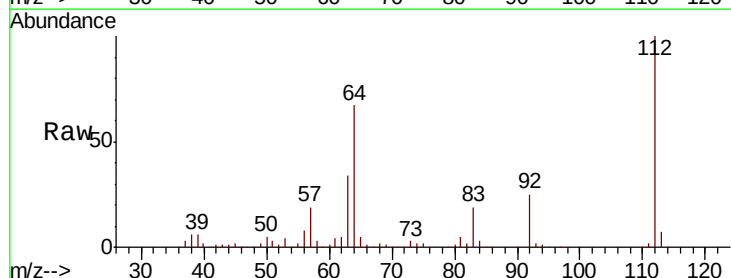
Tgt Ion: 112 Resp: 350149

Ion Ratio Lower Upper

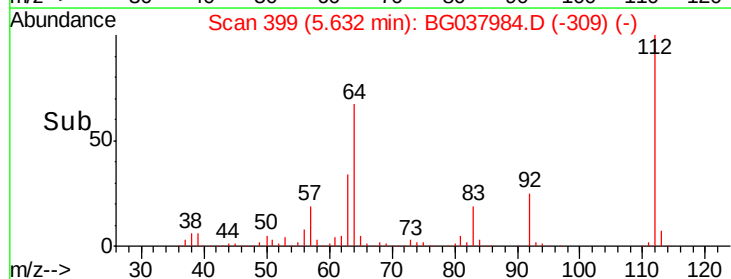
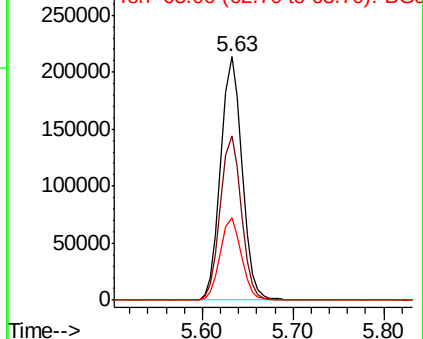
112 100

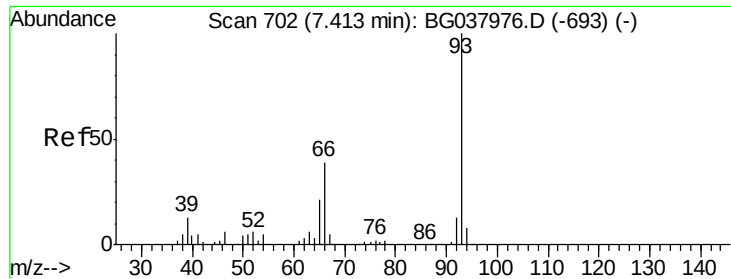
64 67.3 53.1 79.7

63 33.8 27.3 40.9



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: 0.120 ng

RT: 7.61 min Scan# 736

Delta R.T. 0.20 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

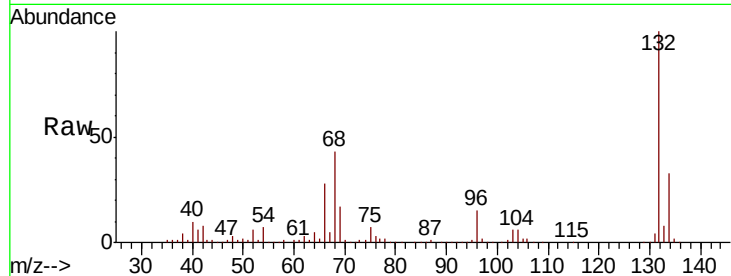
Tgt Ion: 93 Resp: 655

Ion Ratio Lower Upper

93 100

66 13017.6 32.8 49.2#

65 1124.6 16.4 24.6#

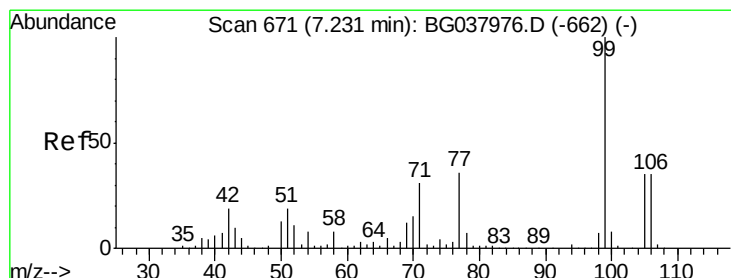
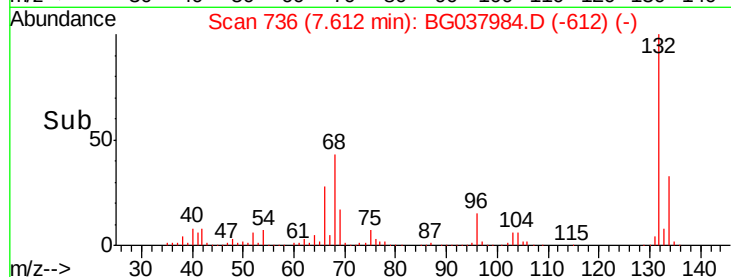
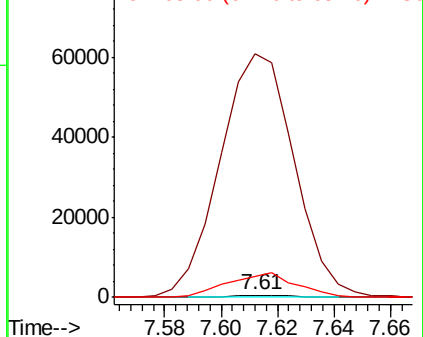


Abundance

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: 106.004 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

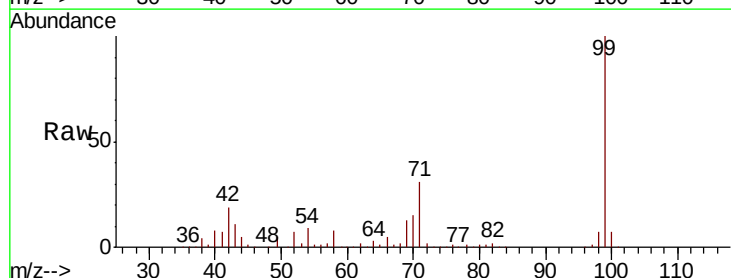
Tgt Ion: 99 Resp: 446889

Ion Ratio Lower Upper

99 100

42 19.0 15.0 22.4

71 30.7 25.5 38.3

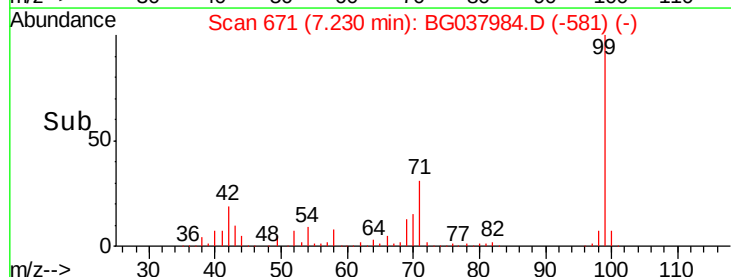
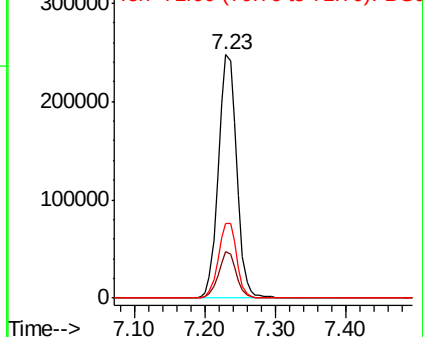


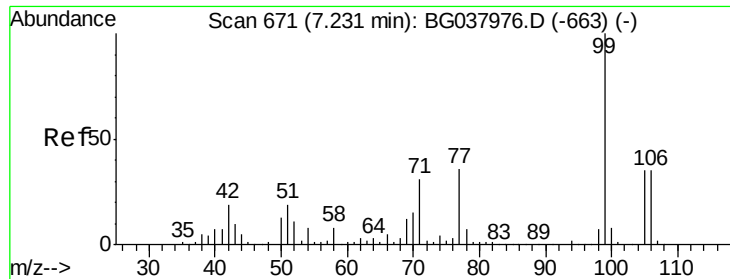
Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.214 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

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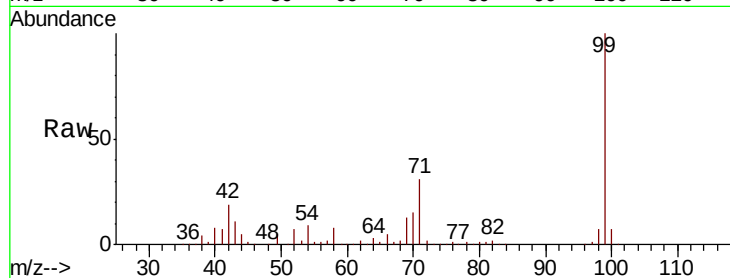
Tgt Ion: 77 Resp: 652

Ion Ratio Lower Upper

77 100

105 0.0 72.6 112.6#

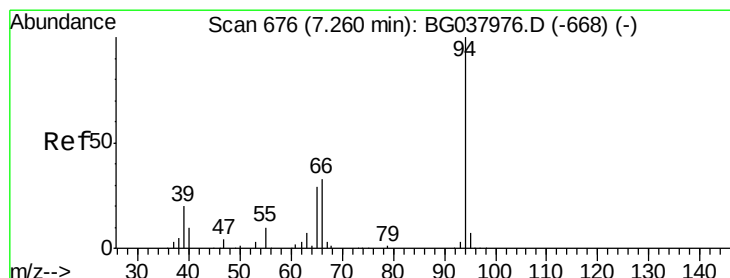
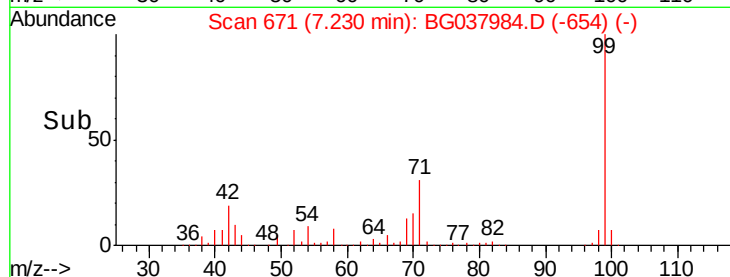
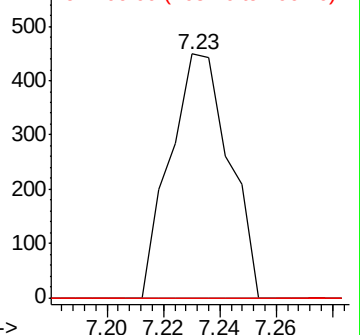
106 0.0 71.3 111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 0.185 ng

RT: 7.62 min Scan# 737

Delta R.T. 0.36 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

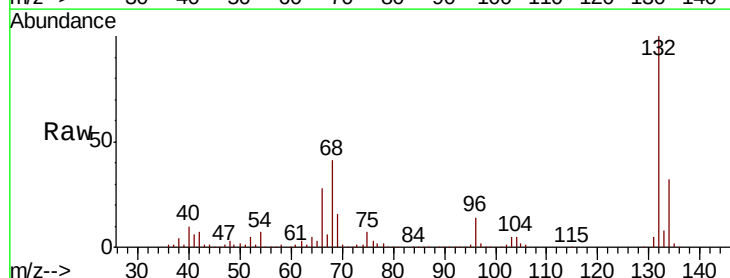
Tgt Ion: 94 Resp: 827

Ion Ratio Lower Upper

94 100

65 1426.3 9.7 49.7#

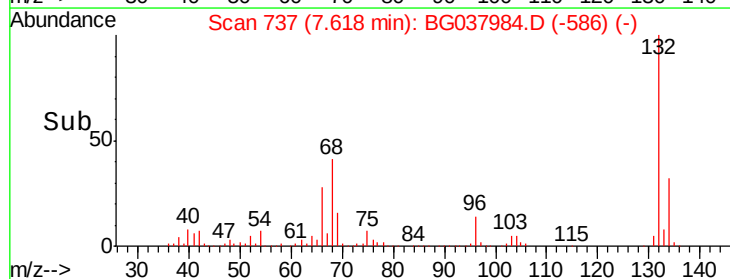
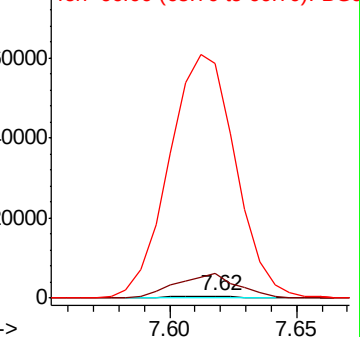
66 13780.3 15.9 55.9#

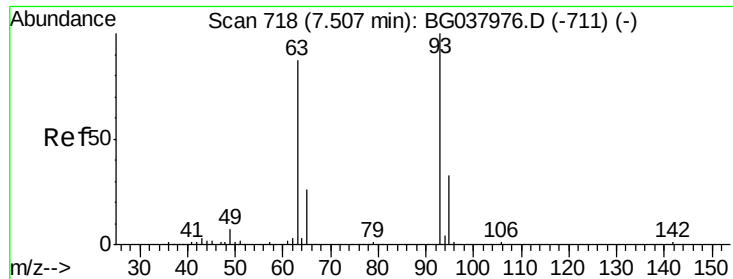


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

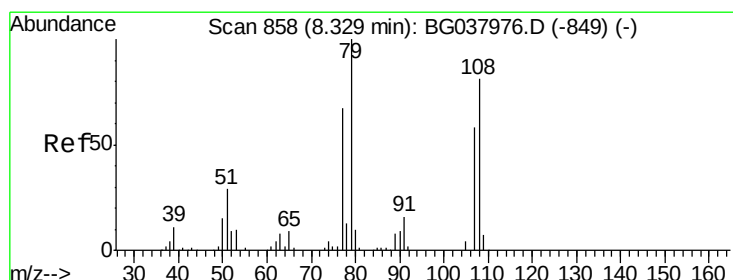
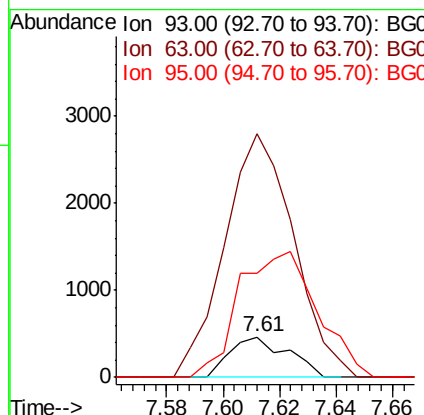
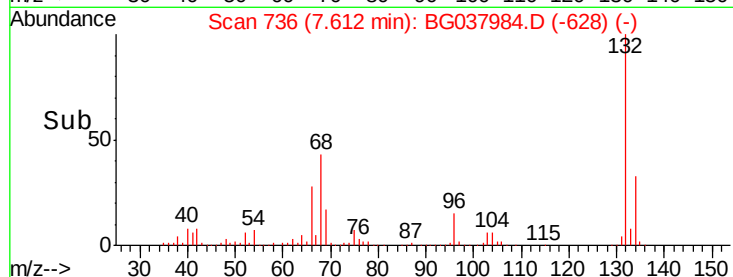
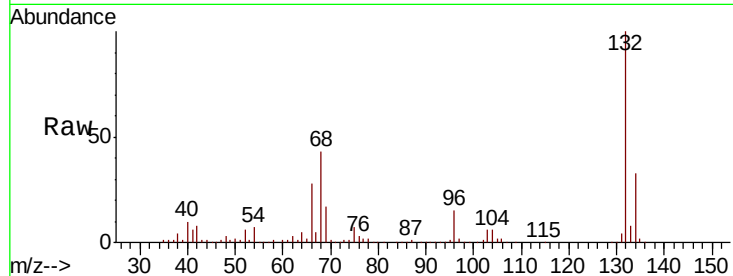




#11
bis(2-Chloroethyl)ether
Concen: 0.180 ng
RT: 7.61 min Scan# 736
Delta R.T. 0.11 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

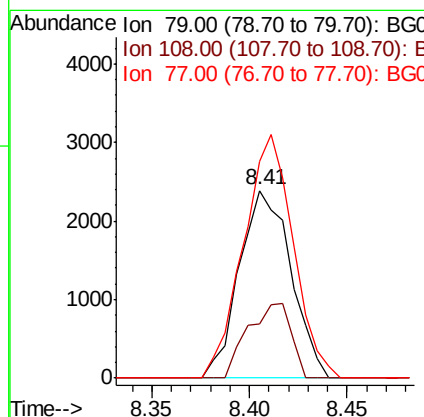
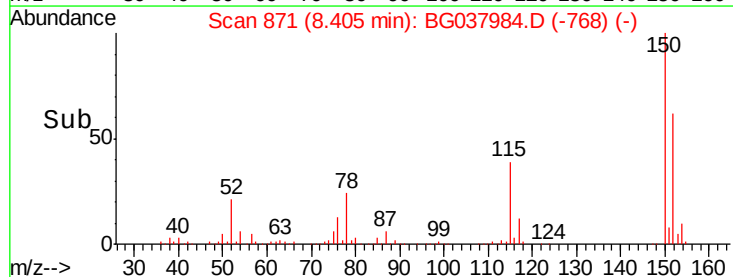
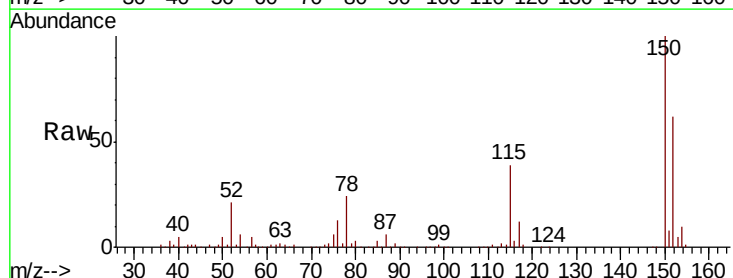
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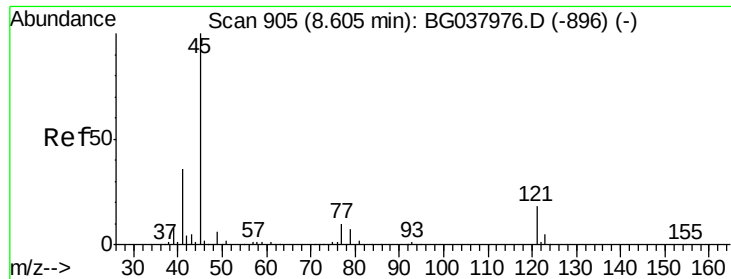
Tgt Ion: 93 Resp: 655
Ion Ratio Lower Upper
93 100
63 598.9 69.5 109.5#
95 256.1 12.6 52.6#



#15
Benzyl Alcohol
Concen: 1.434 ng
RT: 8.41 min Scan# 871
Delta R.T. 0.08 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Tgt Ion: 79 Resp: 4375
Ion Ratio Lower Upper
79 100
108 29.0 65.8 98.8#
77 115.3 52.9 79.3#

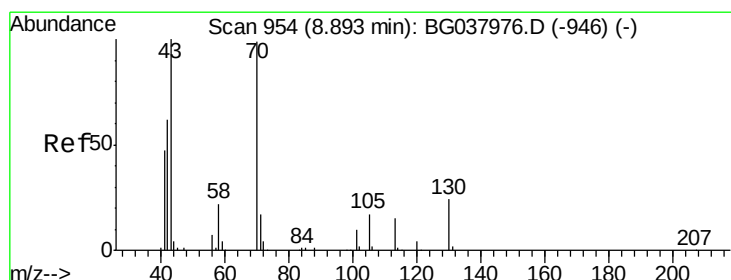
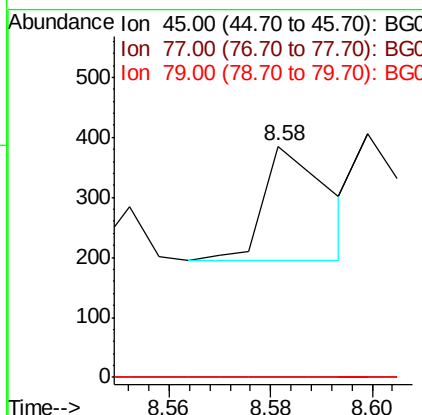
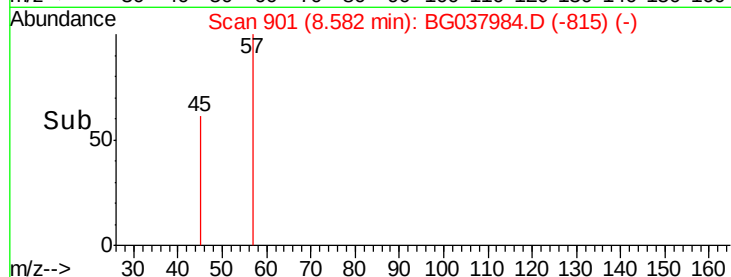
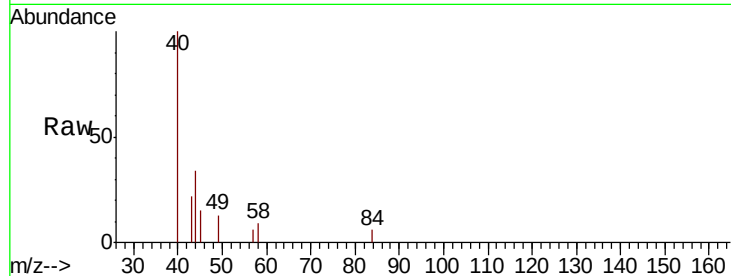




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.024 ng
 RT: 8.58 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

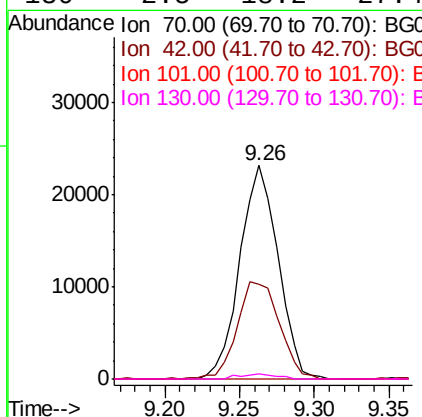
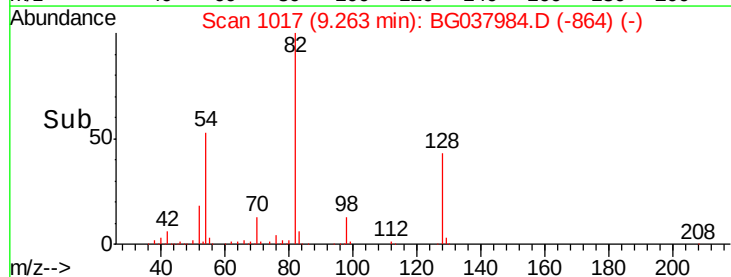
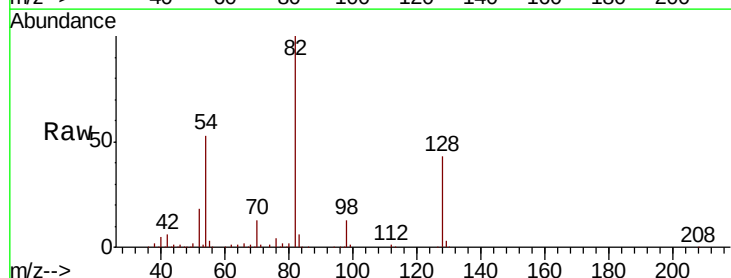
Instrument :
 BNA_G
 ClientSampled :
 SB-15-S

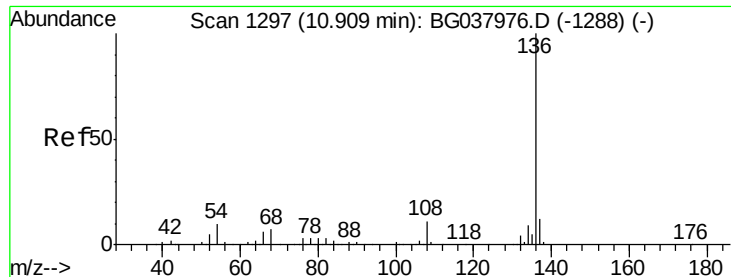
Tgt Ion: 45 Resp: 165
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 29.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.471 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.37 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion: 70 Resp: 41094
 Ion Ratio Lower Upper
 70 100
 42 44.6 53.9 80.9#
 101 0.0 8.2 12.2#
 130 2.5 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

Tgt Ion:136 Resp: 212440

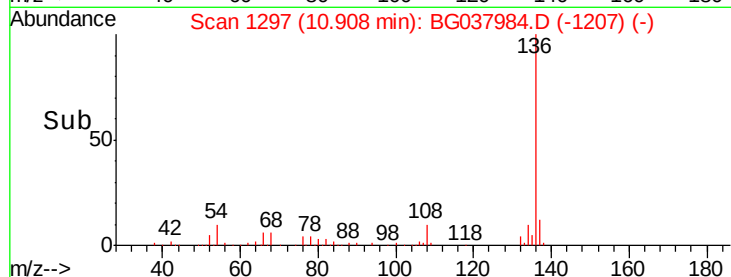
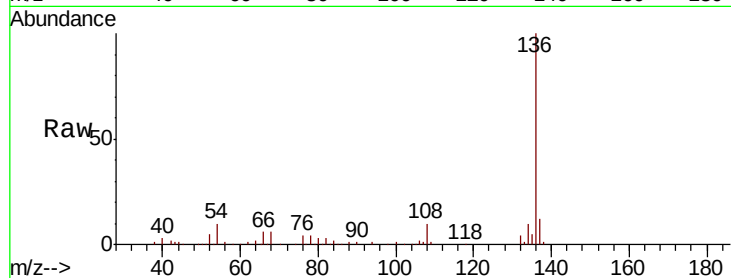
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 10.4 7.9 11.9

68 5.9 4.8 7.2

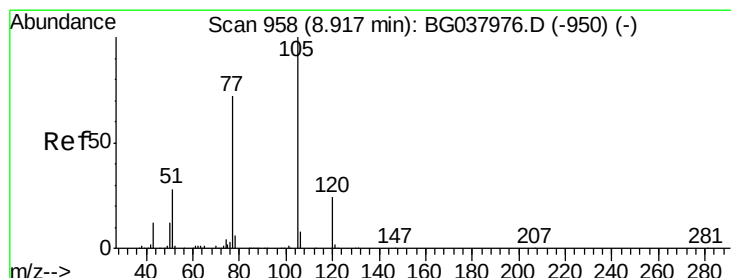
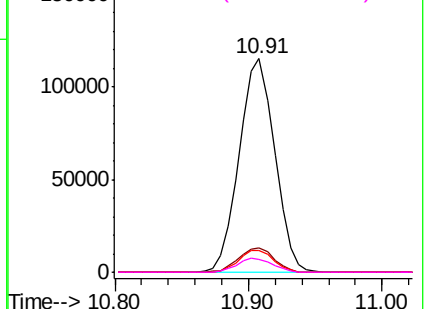


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 0.011 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Tgt Ion:105 Resp: 58

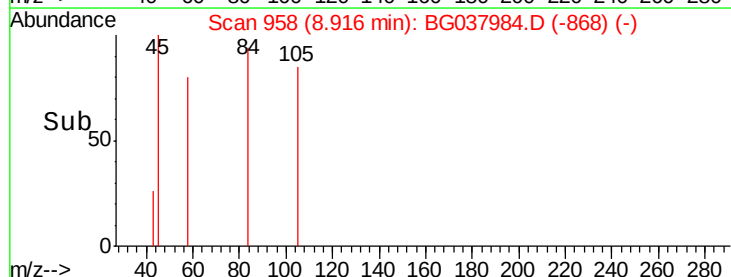
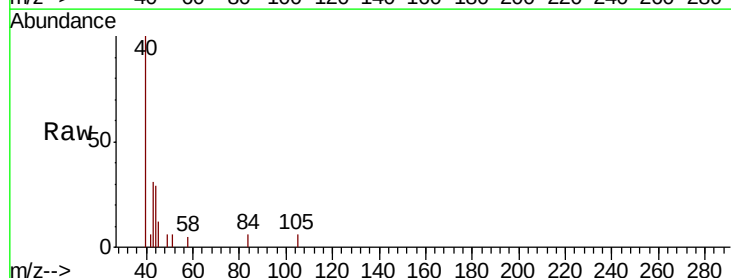
Ion Ratio Lower Upper

105 100

71 0.0 1.2 1.8#

51 97.6 25.0 37.6#

120 0.0 18.6 28.0#

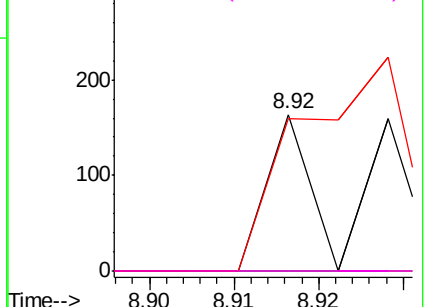


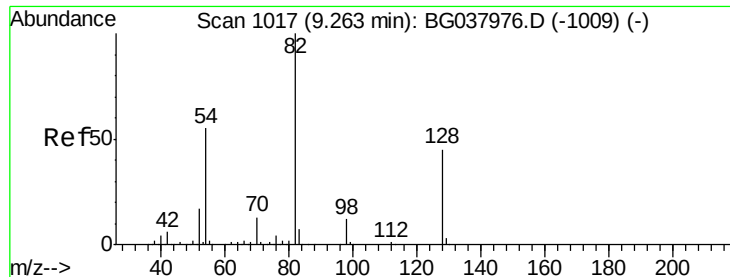
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

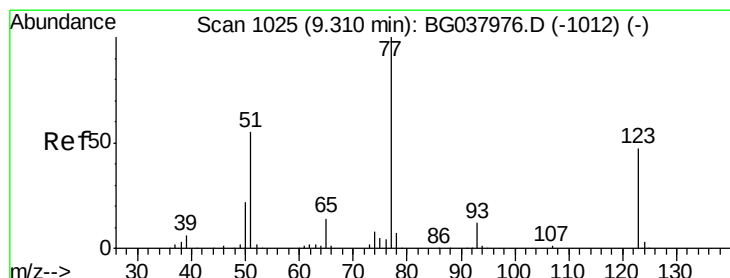
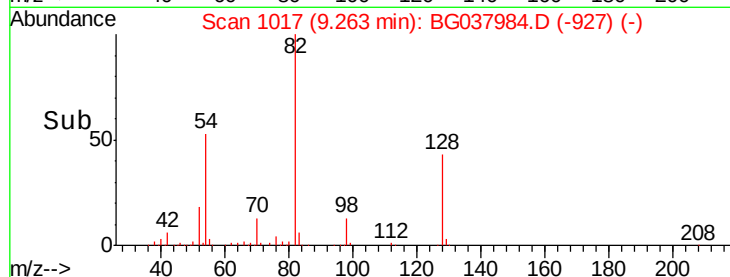
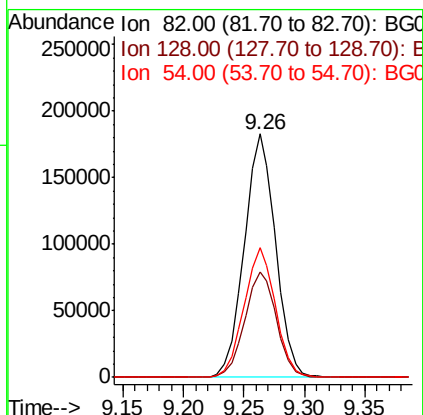
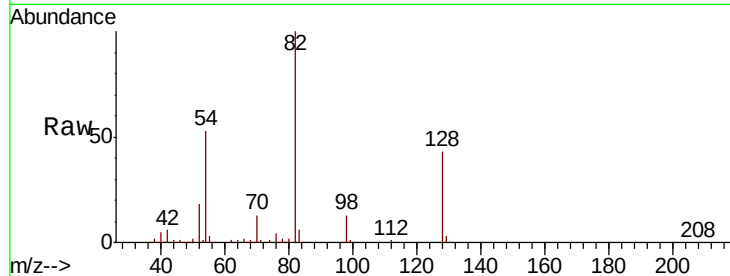




#23
 Nitrobenzene-d5
 Concen: 82.925 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

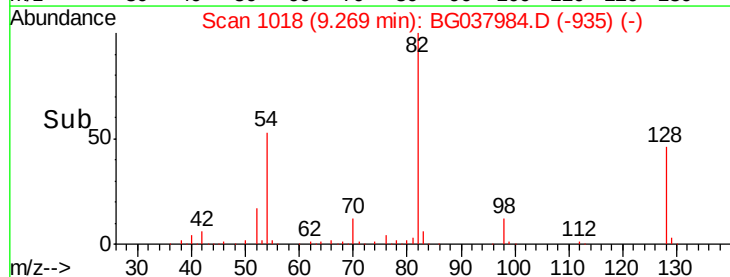
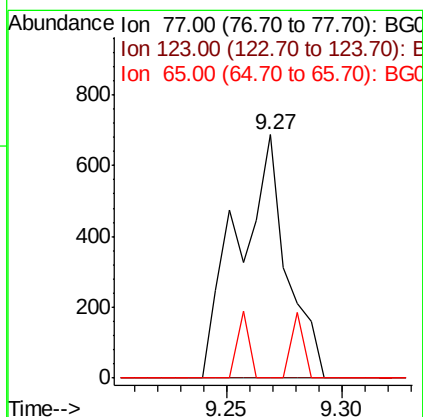
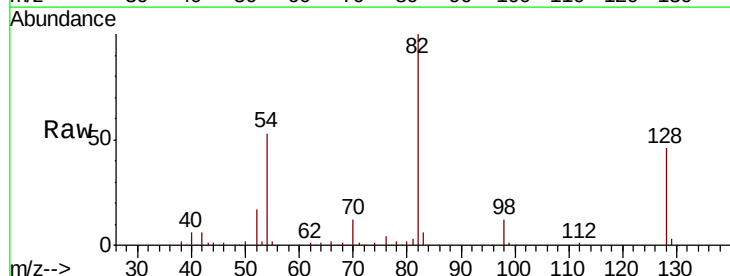
Instrument :
 BNA_G
 ClientSampled :
 SB-15-S

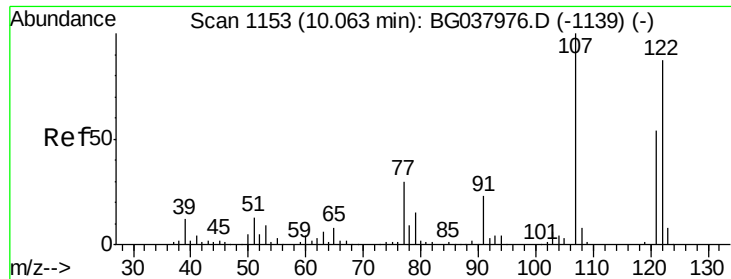
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	53.0	45.3	67.9



#24
 Nitrobenzene
 Concen: 0.249 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.04 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.6	50.4#
65	0.0	11.3	16.9#

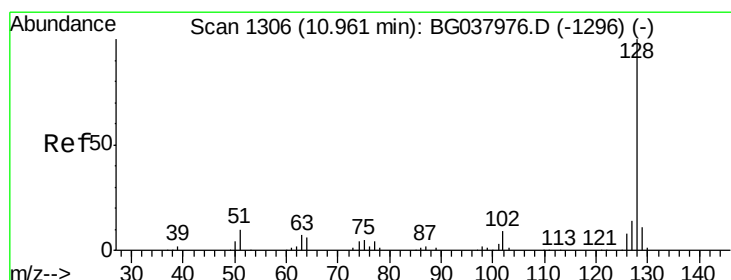
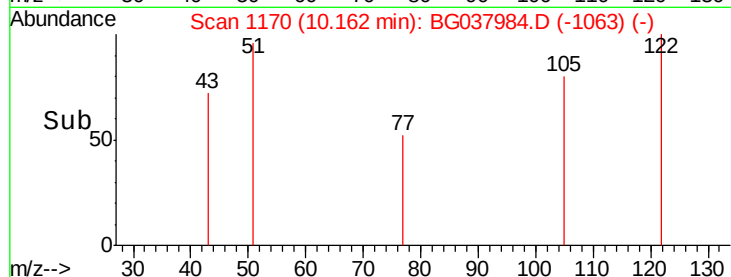
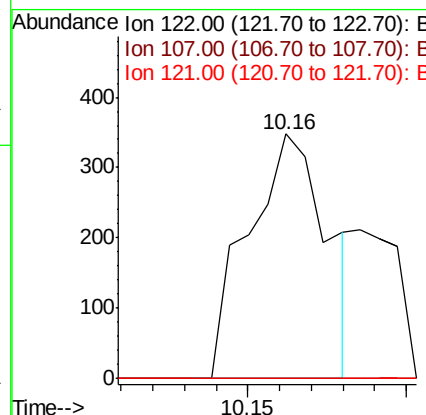
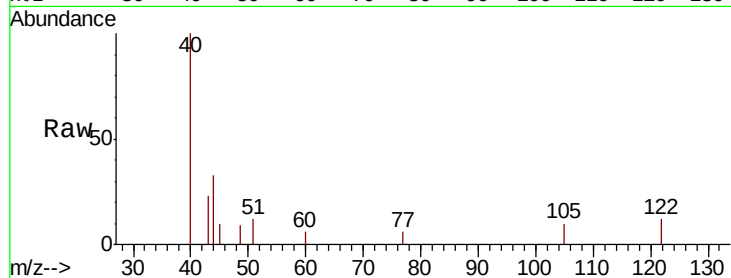




#27
 2,4-Dimethylphenol
 Concen: 0.196 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. 0.10 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

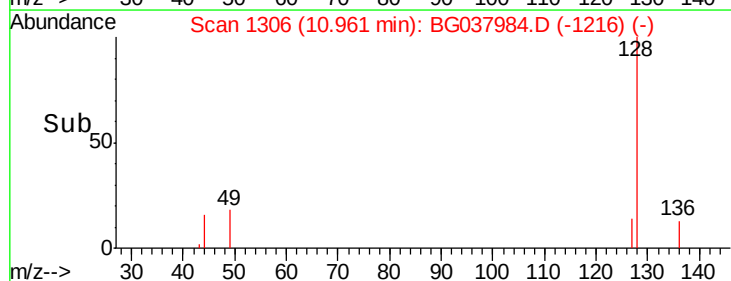
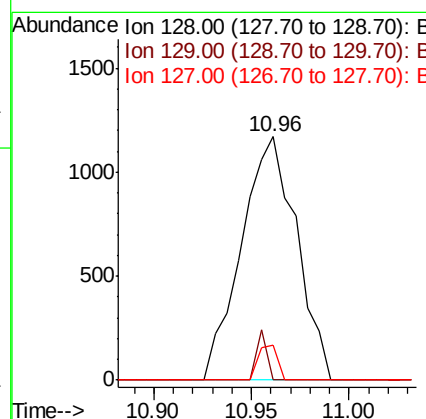
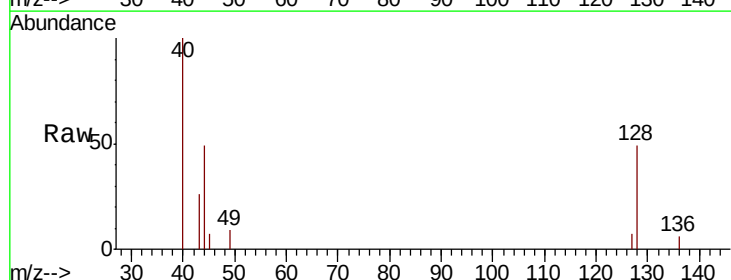
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

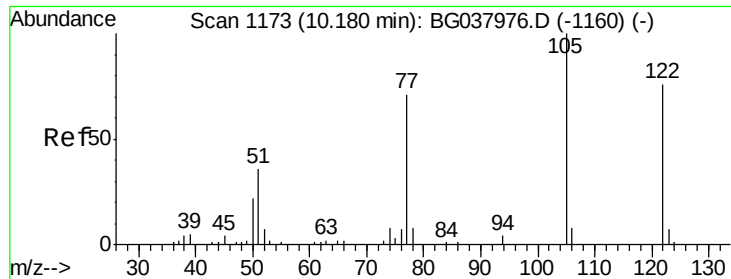
Tgt Ion:122 Resp: 600
 Ion Ratio Lower Upper
 122 100
 107 0.0 94.2 141.2#
 121 0.0 47.3 70.9#



#31
 Naphthalene
 Concen: 0.219 ng
 RT: 10.96 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion:128 Resp: 2285
 Ion Ratio Lower Upper
 128 100
 129 0.0 9.0 13.6#
 127 14.3 11.1 16.7

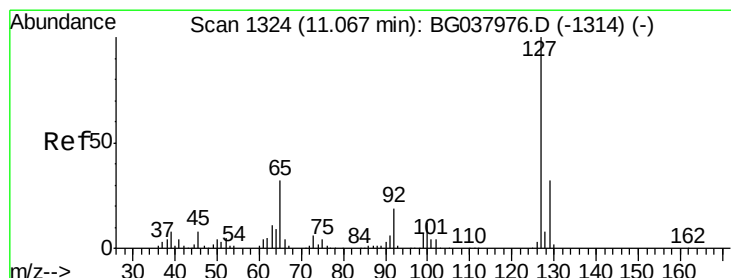
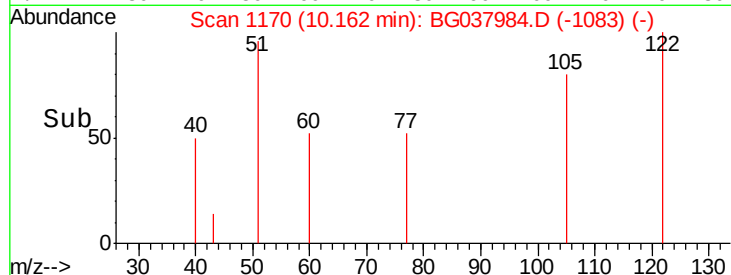
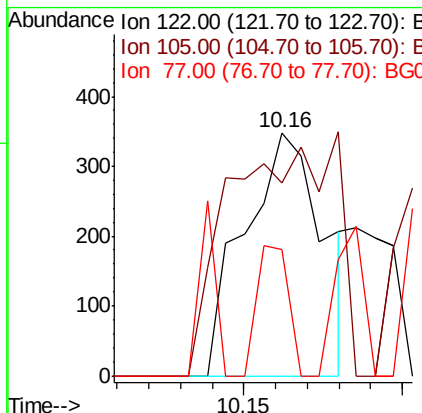
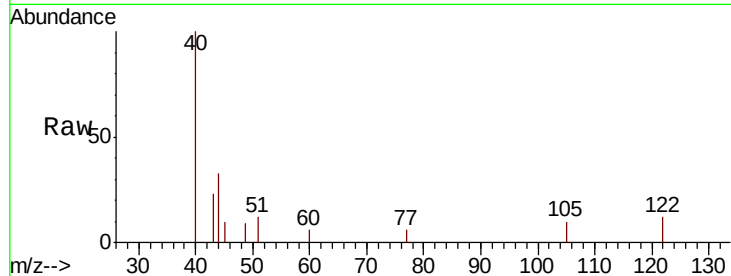




#32
Benzoic acid
Concen: 12.560 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

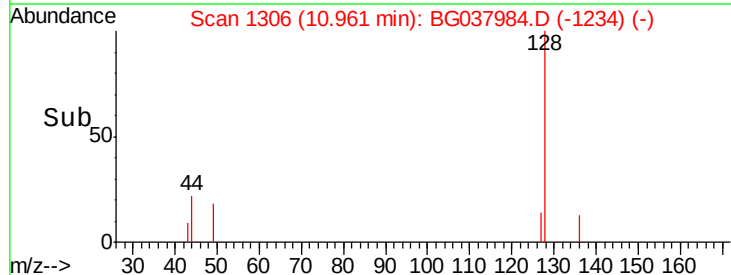
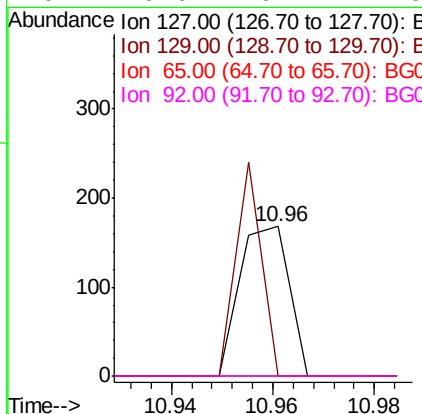
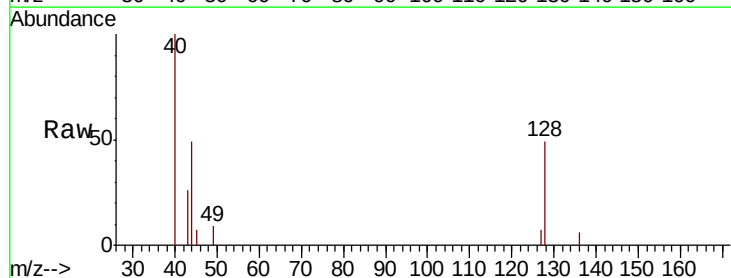
Instrument :
BNA_G
ClientSampleId :
SB-15-S

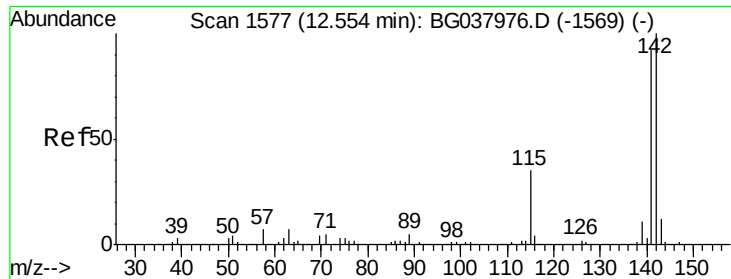
Tgt Ion	Ratio	Lower	Upper
122	100		
105	79.6	106.7	146.7#
77	51.7	72.2	112.2#



#33
4-Chloroaniline
Concen: 0.024 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.11 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.1	40.7#
65	0.0	26.6	39.8#
92	0.0	16.4	24.6#

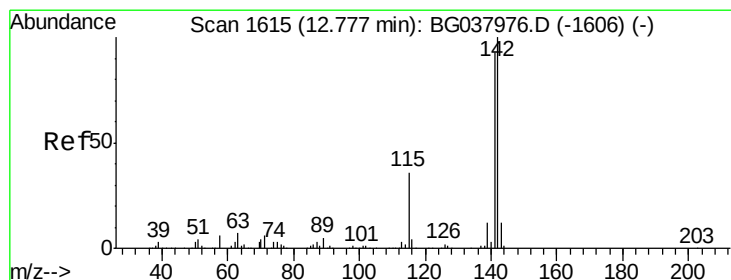
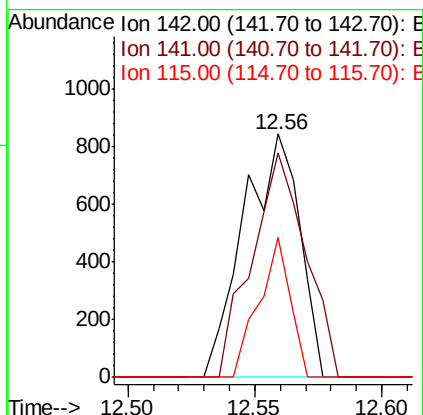
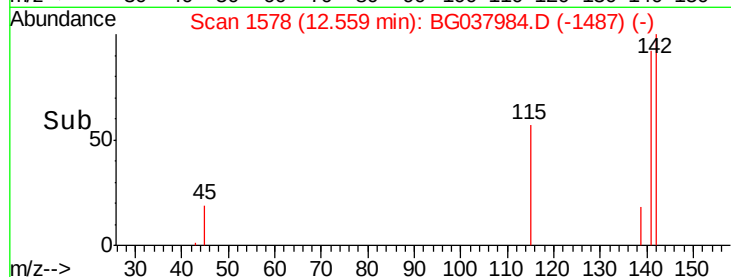
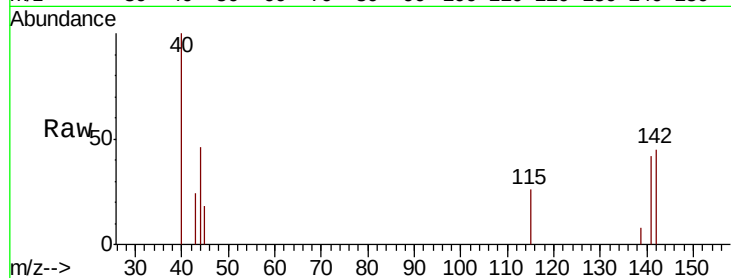




#37
 2-Methylnaphthalene
 Concen: 0.172 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

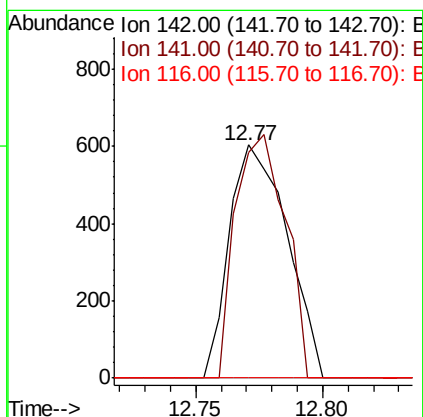
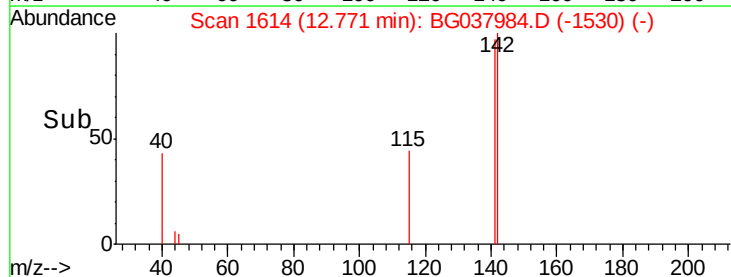
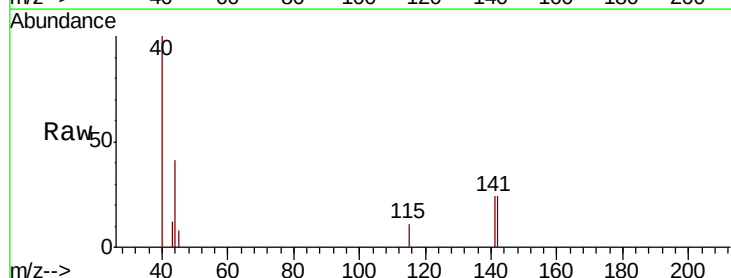
Instrument :
 BNA_G
 ClientSampled :
 SB-15-S

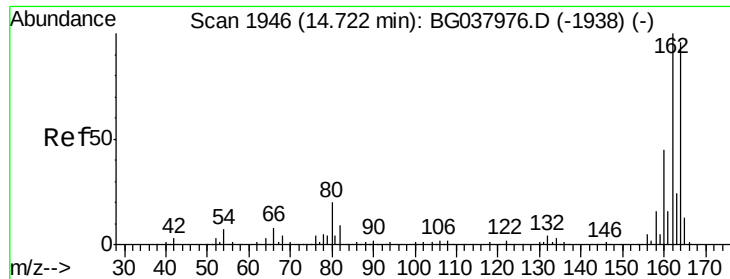
Tgt Ion:142 Resp: 1294
 Ion Ratio Lower Upper
 142 100
 141 92.3 71.9 107.9
 115 57.4 27.8 41.8#



#38
 1-Methylnaphthalene
 Concen: 0.133 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion:142 Resp: 961
 Ion Ratio Lower Upper
 142 100
 141 96.7 75.2 112.8
 116 0.0 3.3 4.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

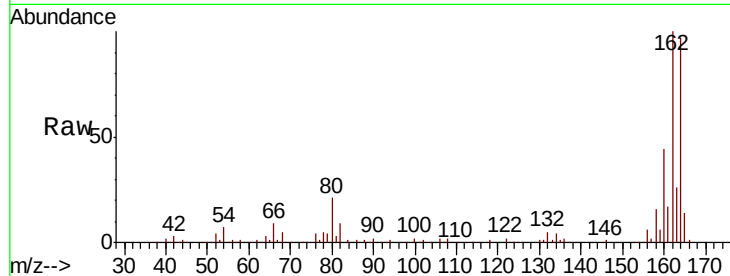
Tgt Ion:164 Resp: 133201

Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

160 45.4 36.3 54.5

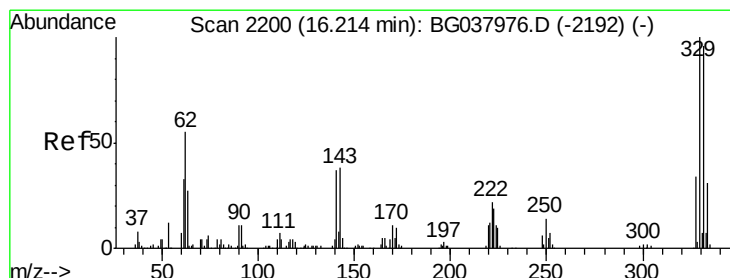
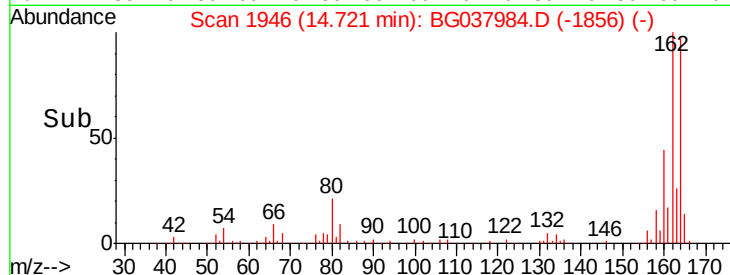
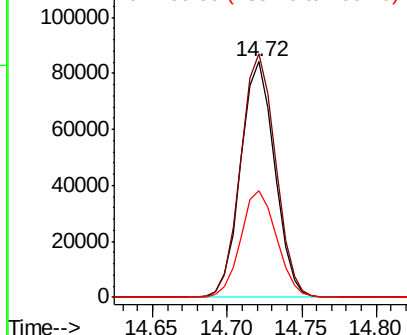


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 126.071 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

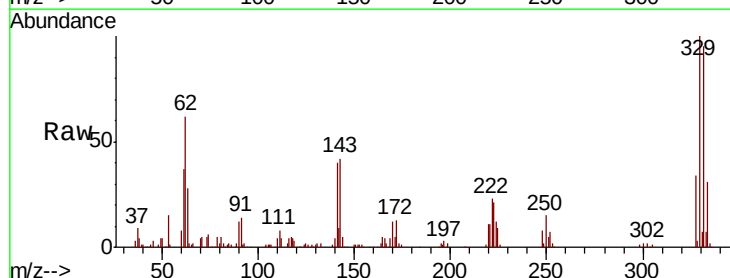
Tgt Ion:330 Resp: 191517

Ion Ratio Lower Upper

330 100

332 95.6 78.4 117.6

141 39.9 32.2 48.2

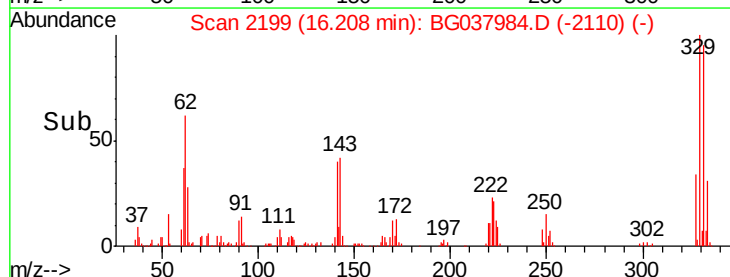
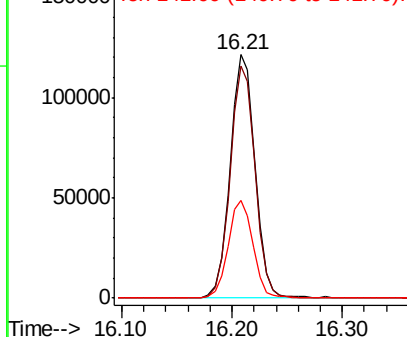


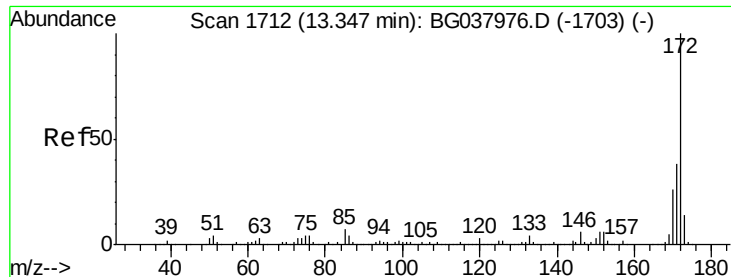
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

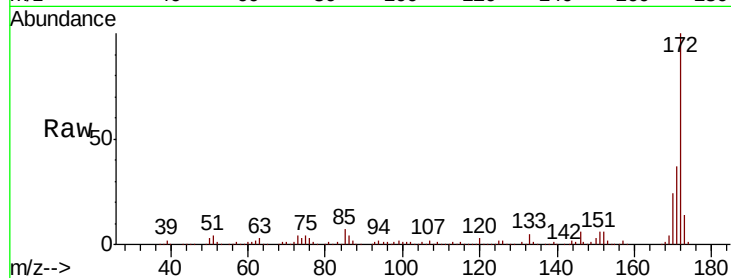




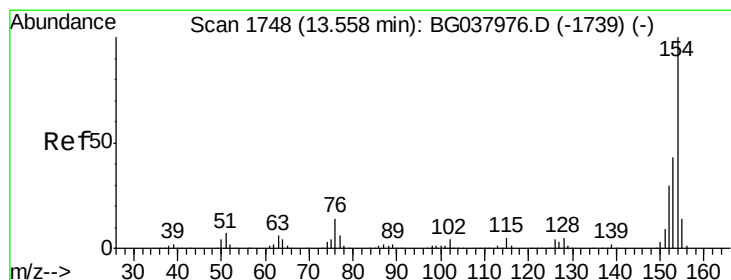
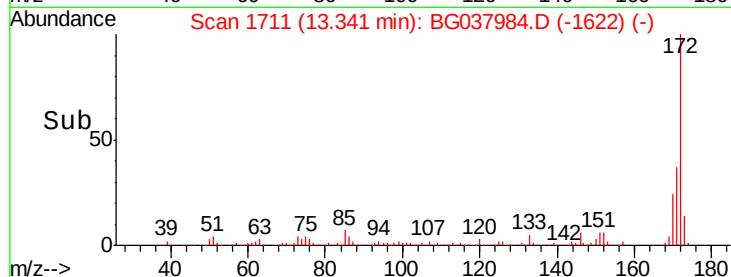
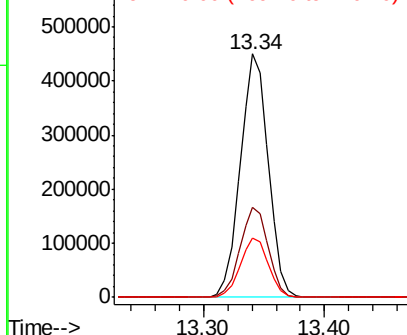
#45
 2-Fluorobiphenyl
 Concen: 79.082 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

Tgt Ion:172 Resp: 723049
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.0 46.4
 170 24.4 20.2 30.2

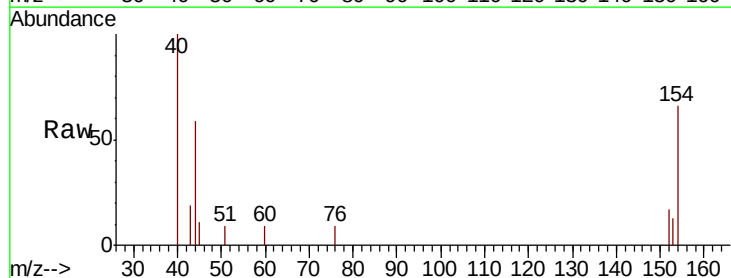


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

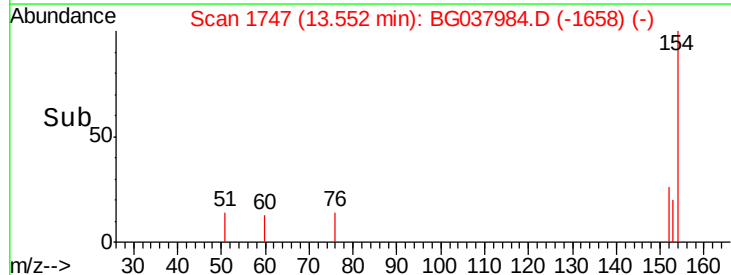
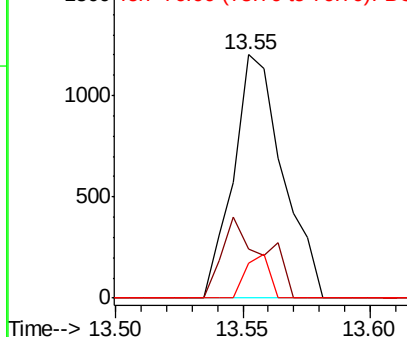


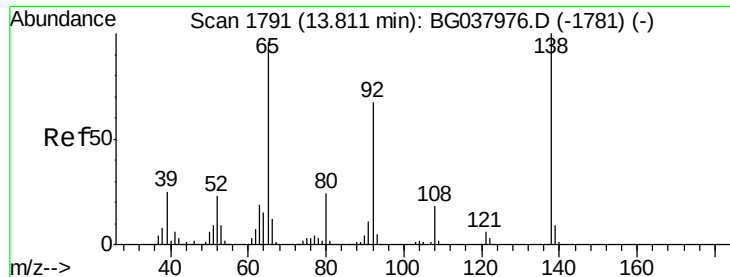
#46
 1,1'-Biphenyl
 Concen: 0.146 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion:154 Resp: 1632
 Ion Ratio Lower Upper
 154 100
 153 20.0 22.1 62.1#
 76 14.1 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

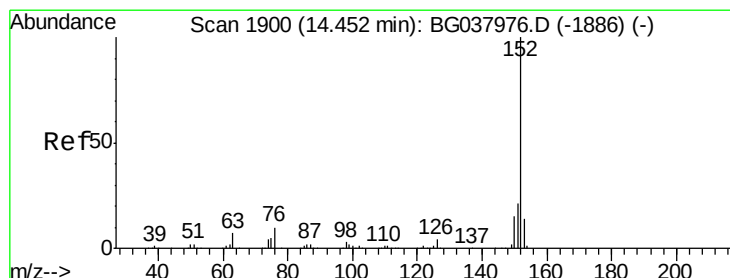
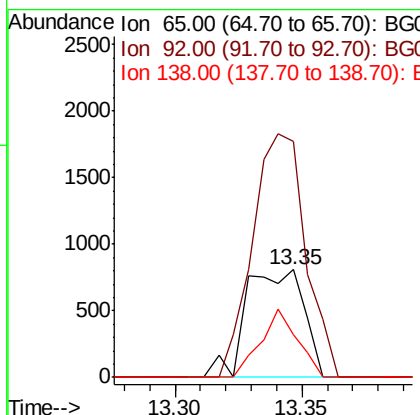
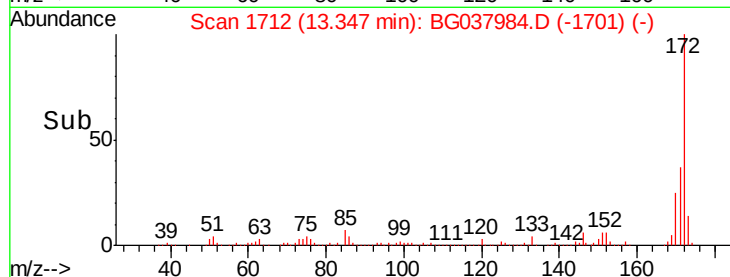
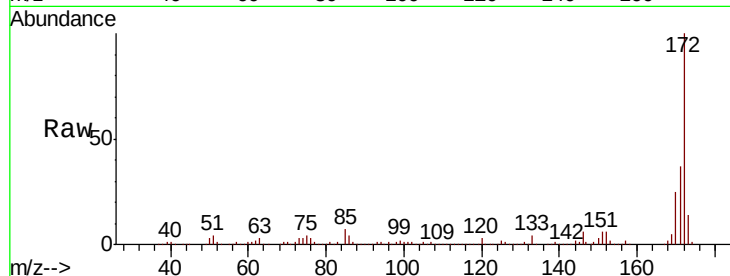




#48
2-Nitroaniline
Concen: 0.478 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.46 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

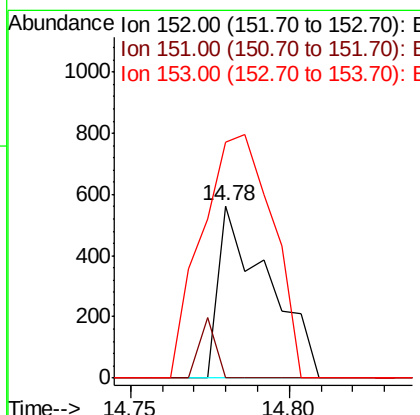
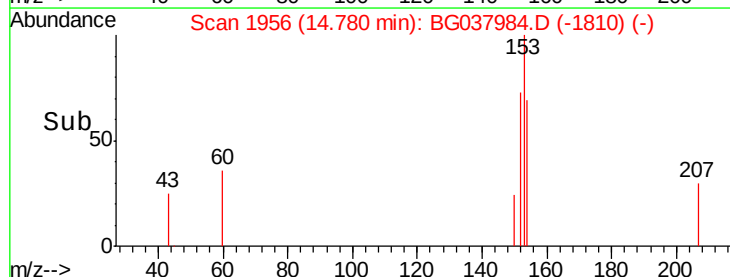
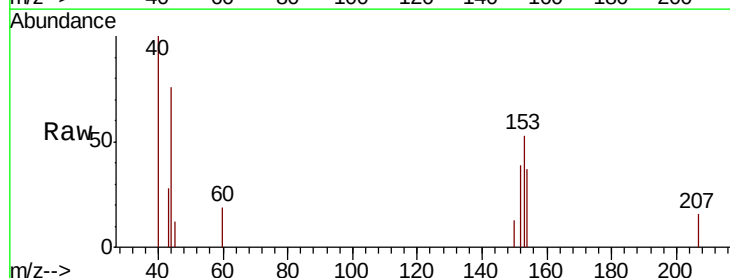
Instrument :
BNA_G
ClientSampled :
SB-15-S

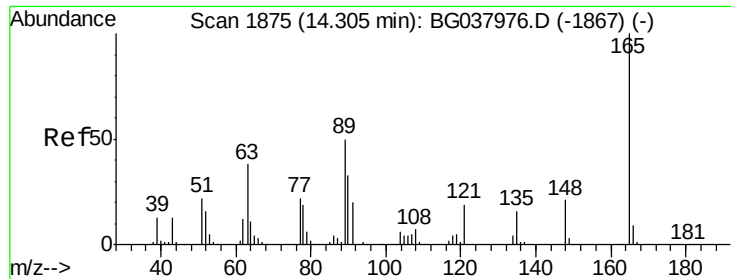
Tgt Ion: 65 Resp: 1285
Ion Ratio Lower Upper
65 100
92 219.7 53.2 79.8#
138 39.9 79.3 118.9#



#49
Acenaphthylene
Concen: 0.047 ng
RT: 14.78 min Scan# 1956
Delta R.T. 0.33 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Tgt Ion: 152 Resp: 609
Ion Ratio Lower Upper
152 100
151 0.0 17.1 25.7#
153 137.3 11.1 16.7#

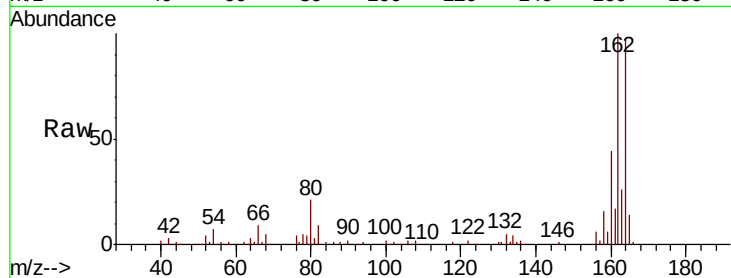




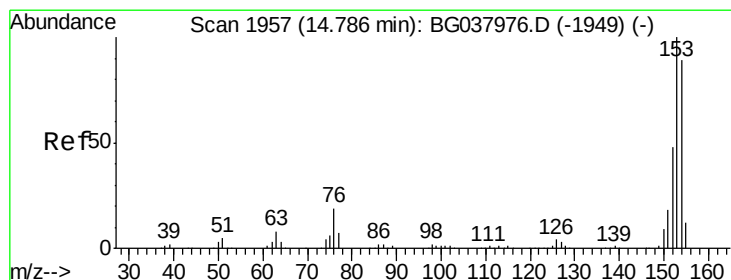
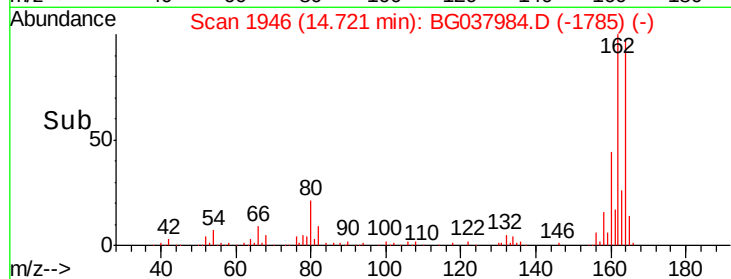
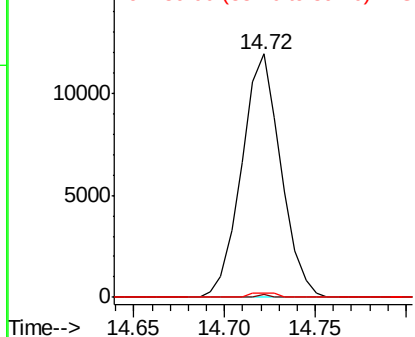
#51
 2,6-Dinitrotoluene
 Concen: 7.518 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.42 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

Tgt Ion:165 Resp: 17968
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.4 65.2#
 89 1.6 45.8 68.6#

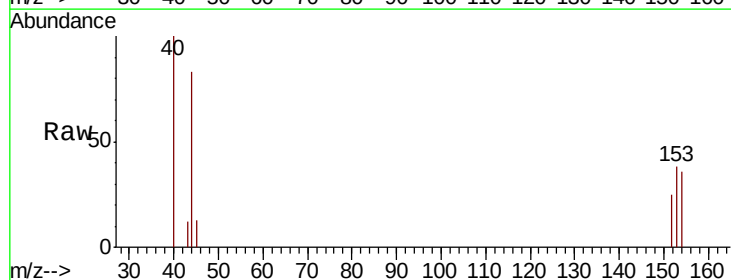


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

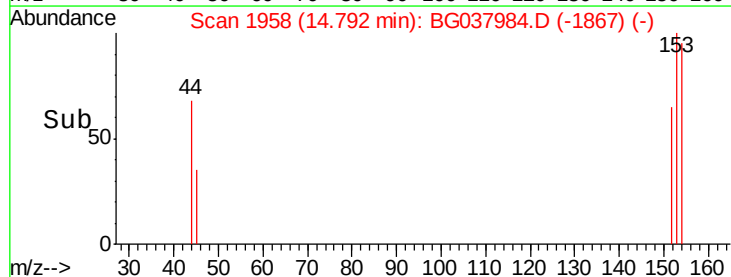
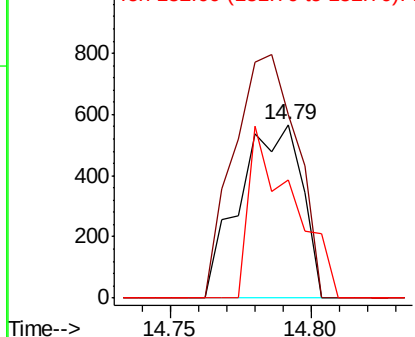


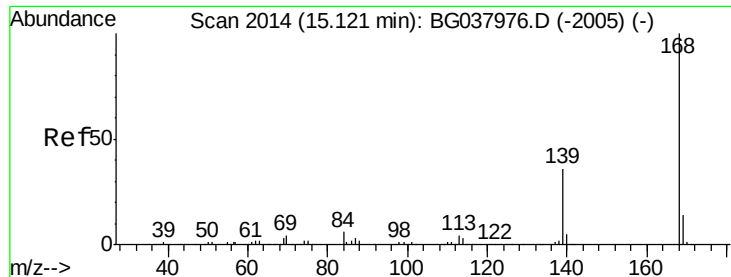
#52
 Acenaphthene
 Concen: 0.112 ng
 RT: 14.79 min Scan# 1958
 Delta R.T. 0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion:154 Resp: 863
 Ion Ratio Lower Upper
 154 100
 153 105.5 93.4 140.0
 152 68.4 44.7 67.1#



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

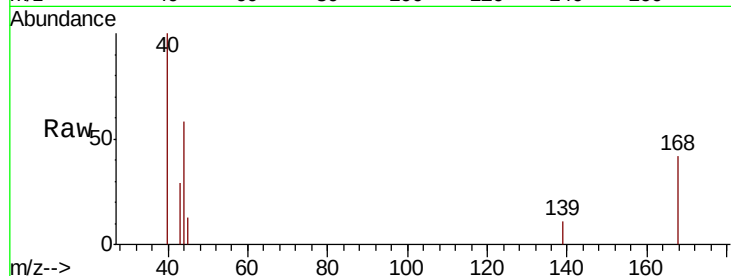




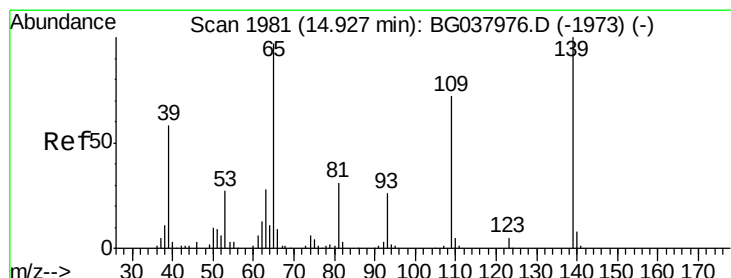
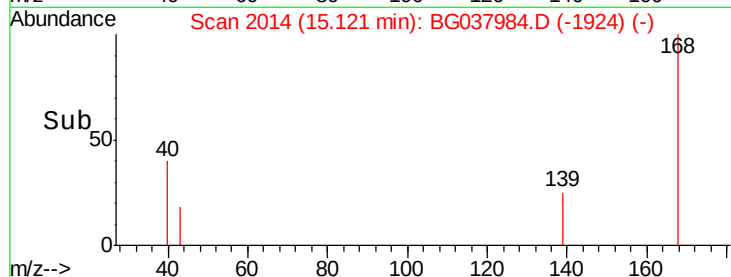
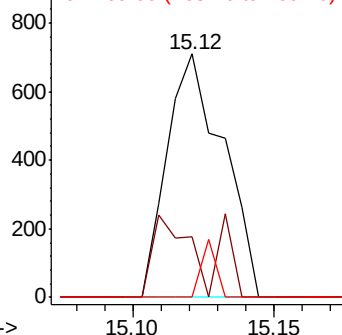
#55
Dibenzo(furan)
Concen: 0.076 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
SB-15-S

Tgt Ion:168 Resp: 977
Ion Ratio Lower Upper
168 100
139 25.1 29.4 44.0#
169 0.0 11.0 16.6#

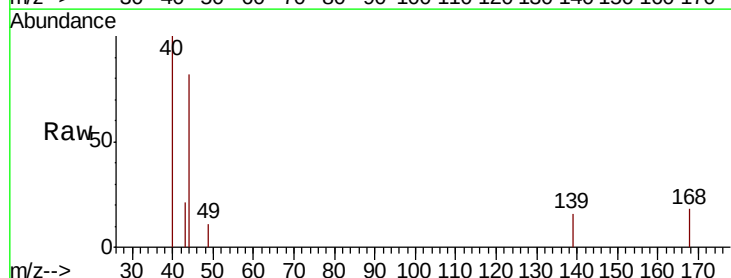


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

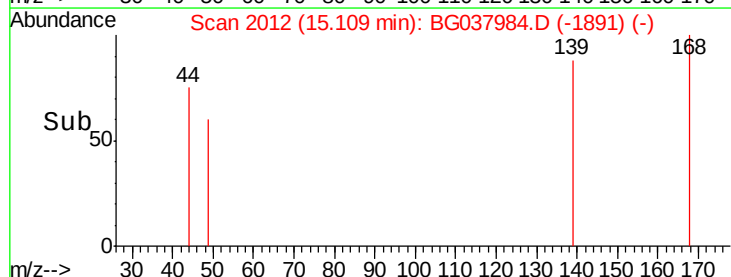
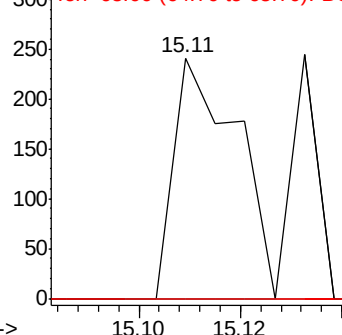


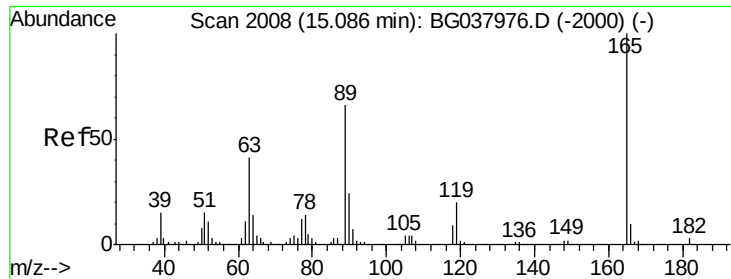
#56
4-Nitrophenol
Concen: 0.103 ng
RT: 15.11 min Scan# 2012
Delta R.T. 0.18 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Tgt Ion:139 Resp: 209
Ion Ratio Lower Upper
139 100
109 0.0 49.5 89.5#
65 0.0 76.8 116.8#



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

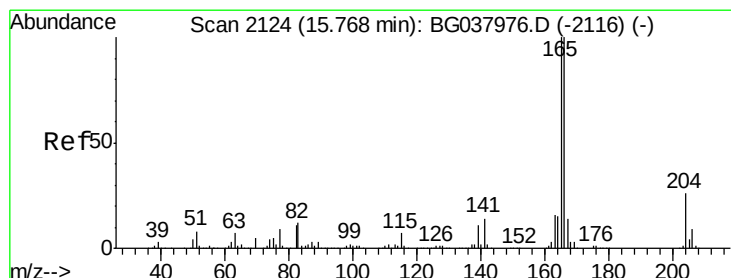
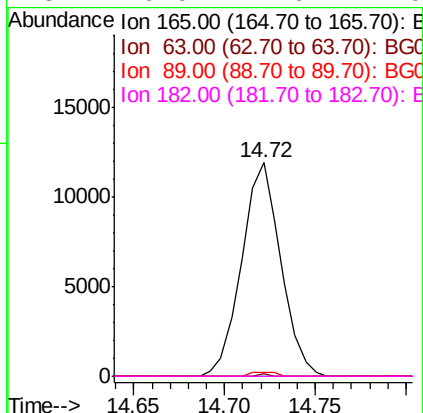
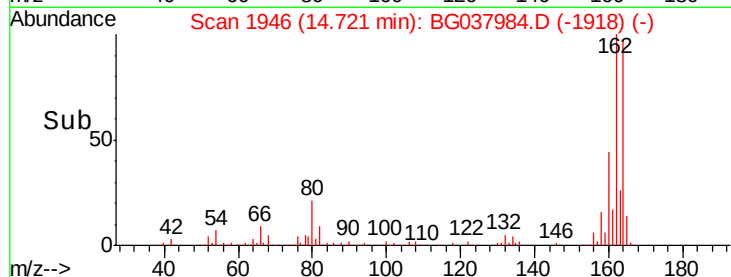
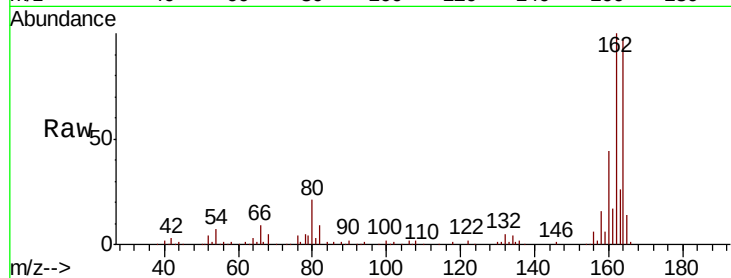




#57
 2,4-Dinitrotoluene
 Concen: 5.526 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

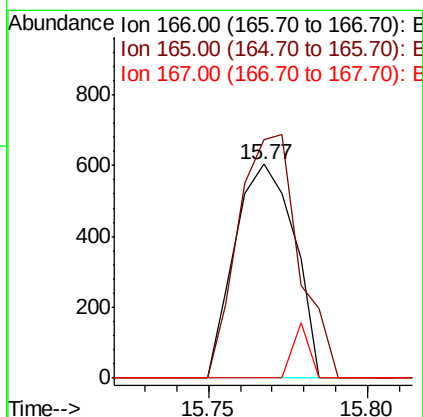
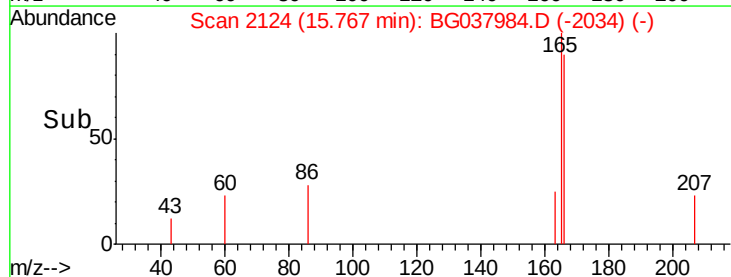
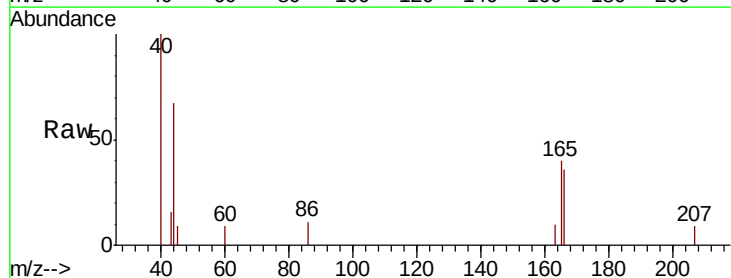
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

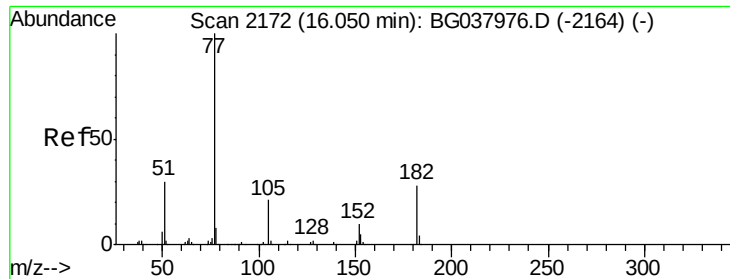
Tgt Ion:	165	Resp:	17968
Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.6	57.2	85.8#
182	0.0	2.6	4.0#



#58
 Fluorene
 Concen: 0.082 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion:	166	Resp:	785
Ion	Ratio	Lower	Upper
166	100		
165	111.4	79.0	118.6
167	0.0	11.3	16.9#





#63

Azobenzene

Concen: 0.115 ng

RT: 16.20 min Scan# 2197

Delta R.T. 0.15 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

Tgt Ion: 77 Resp: 1150

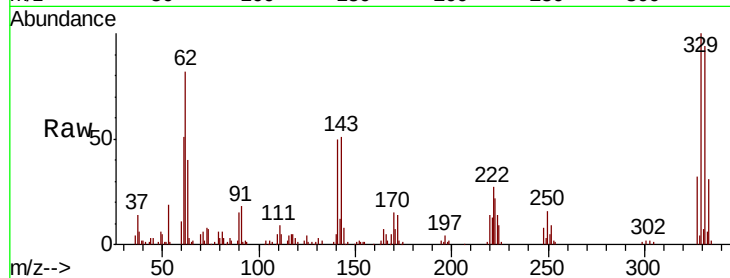
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 36.4 1.3 41.3

51 63.9 10.7 50.7#

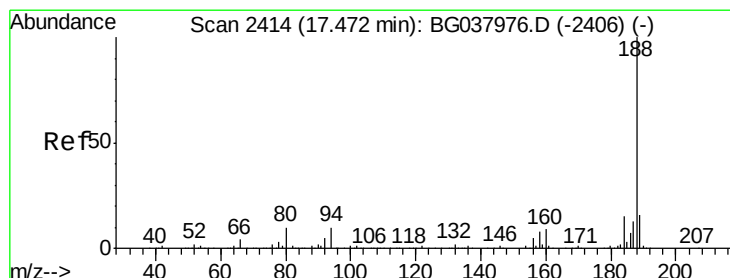
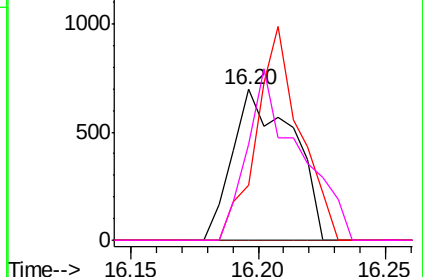
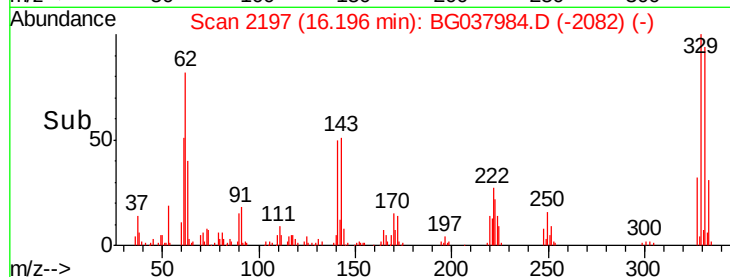


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

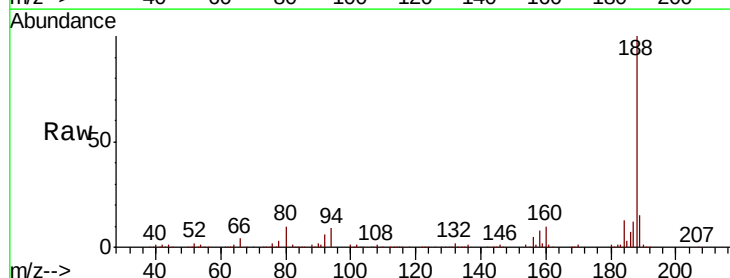
Tgt Ion: 188 Resp: 329614

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

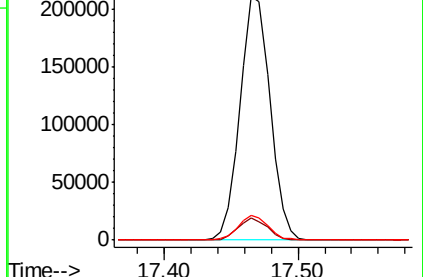
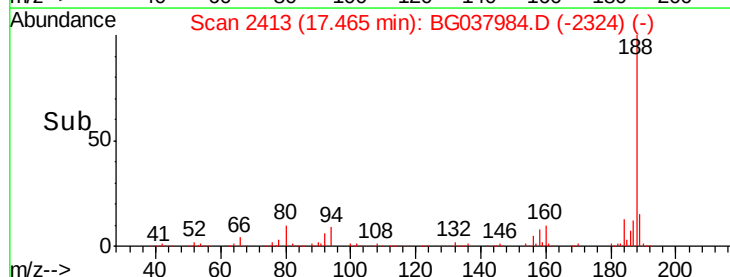
80 10.4 7.7 11.5

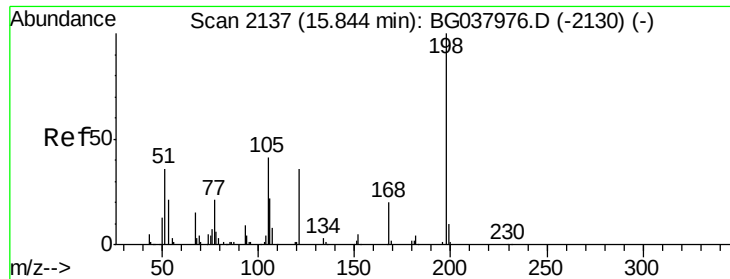


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

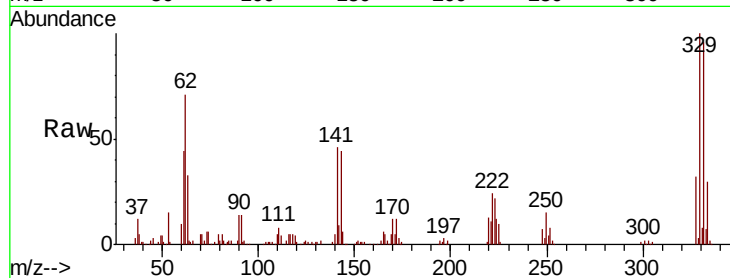




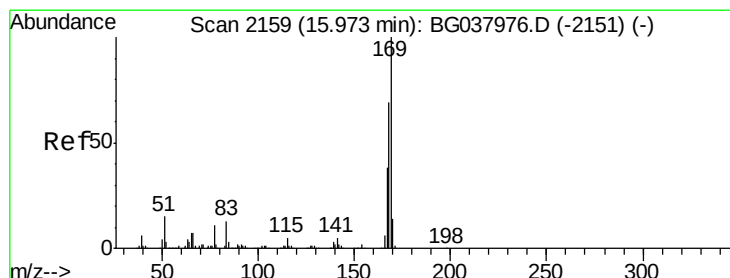
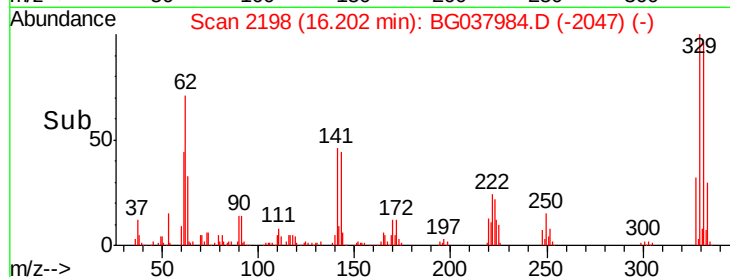
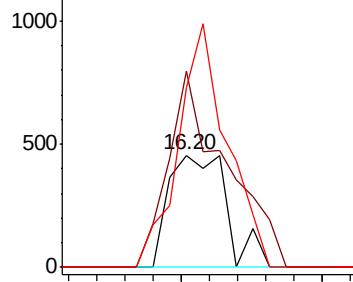
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.309 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. 0.36 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

Tgt Ion:198 Resp: 645
 Ion Ratio Lower Upper
 198 100
 51 37.0 22.7 62.7
 105 33.8 19.7 59.7

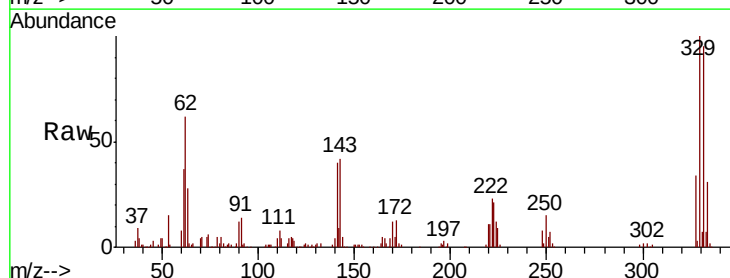


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

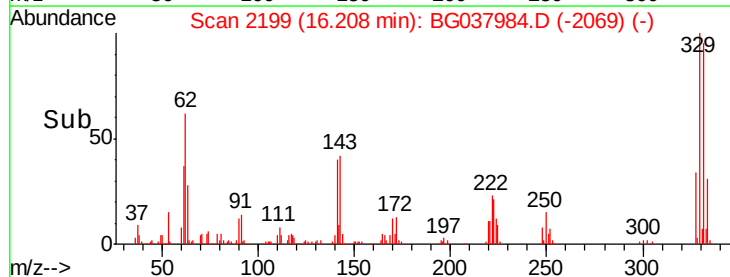
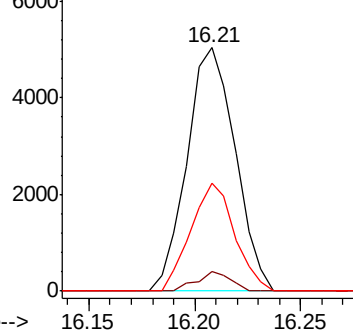


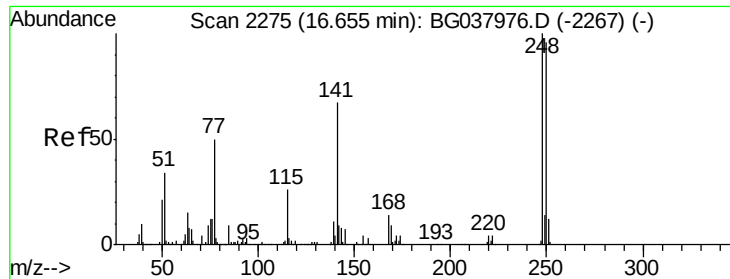
#66
 n-Nitrosodiphenylamine
 Concen: 0.798 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.23 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion:169 Resp: 7955
 Ion Ratio Lower Upper
 169 100
 168 7.9 55.7 83.5#
 167 44.3 31.3 46.9



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

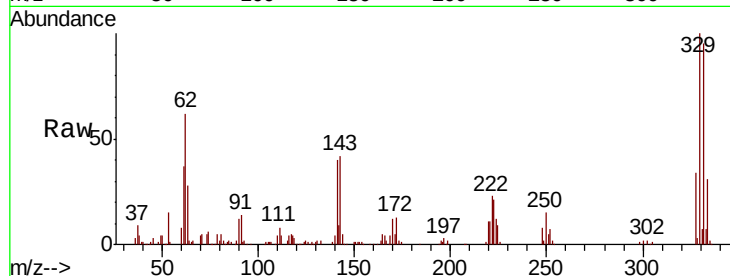




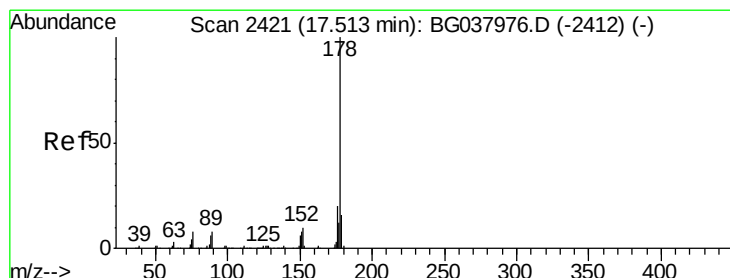
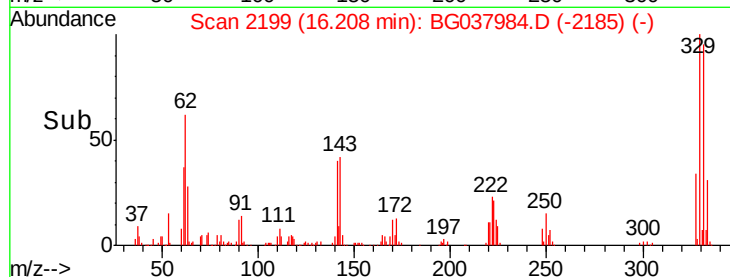
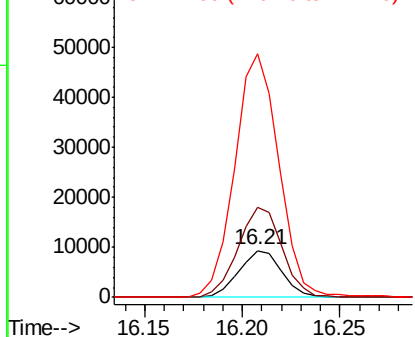
#67
 4-Bromophenyl-phenylether
 Concen: 3.916 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

Tgt Ion: 248 Resp: 14169
 Ion Ratio Lower Upper
 248 100
 250 189.9 77.0 115.6#
 141 394.4 55.5 83.3#

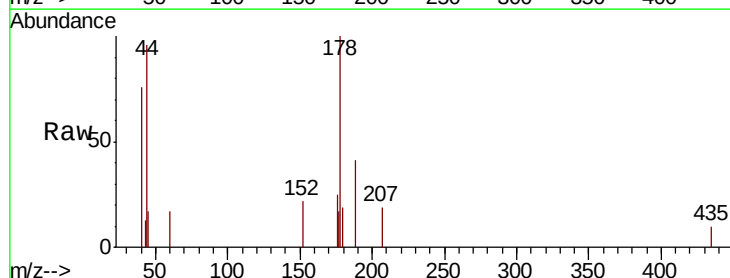


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

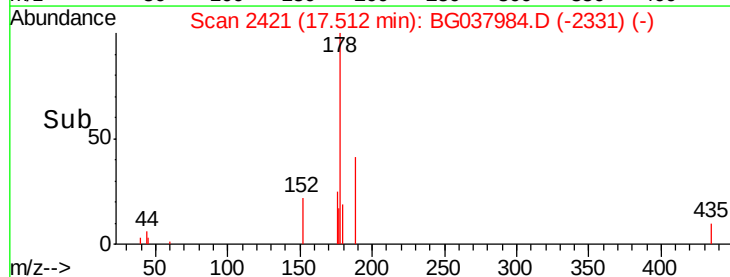
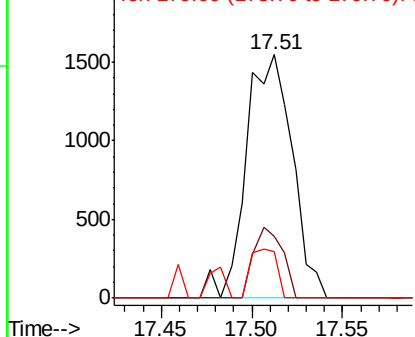


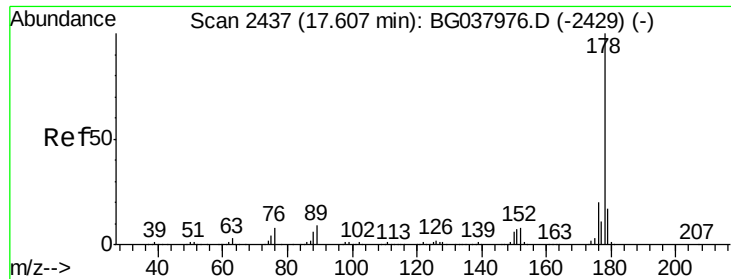
#71
 Phenanthrene
 Concen: 0.162 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion: 178 Resp: 2735
 Ion Ratio Lower Upper
 178 100
 176 25.3 16.1 24.1#
 179 19.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

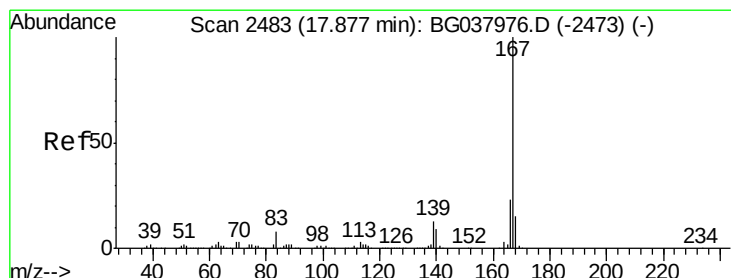
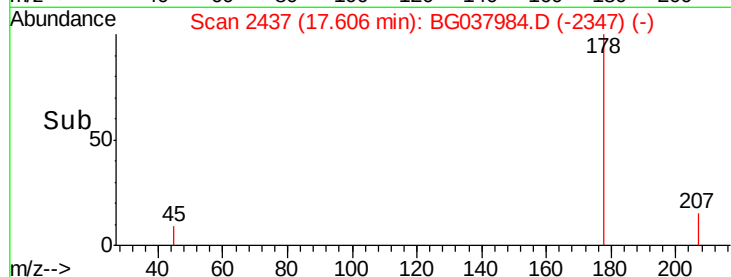
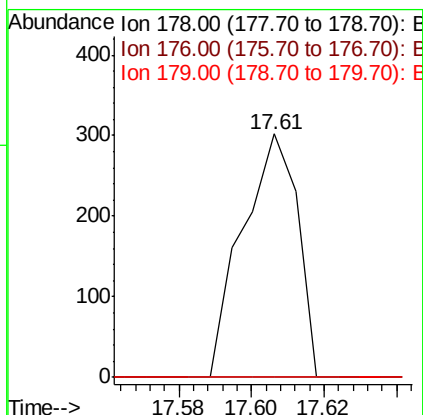
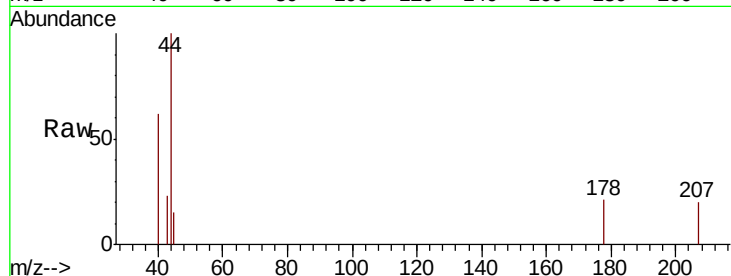




#72
 Anthracene
 Concen: 0.019 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

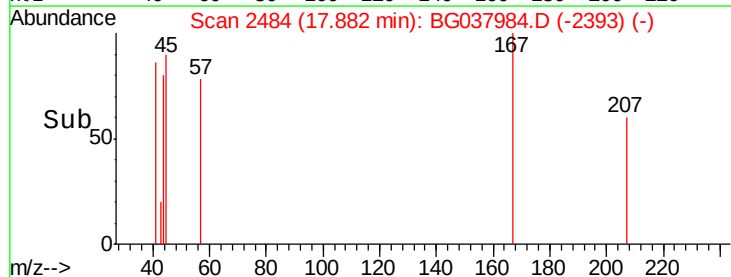
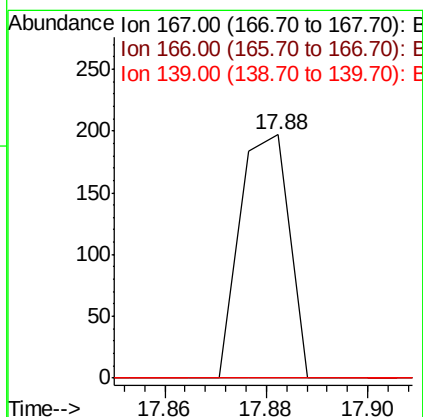
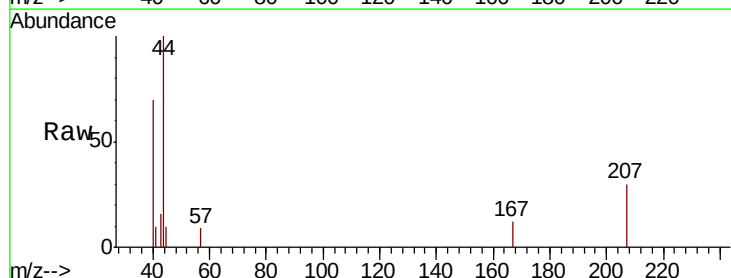
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

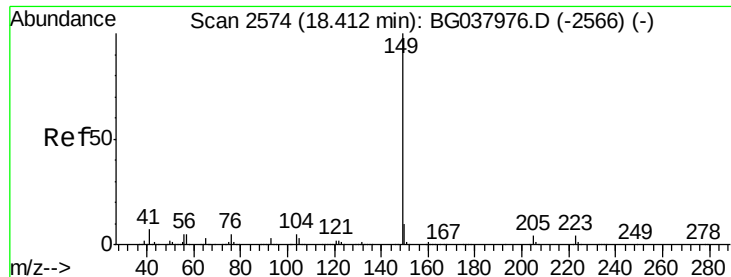
Tgt Ion:178 Resp: 317
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.0 22.4#
 179 0.0 12.8 19.2#



#73
 Carbazole
 Concen: 0.008 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion:167 Resp: 134
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.3 27.5#
 139 0.0 10.5 15.7#





#74

Di-n-butylphthalate

Concen: 0.045 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

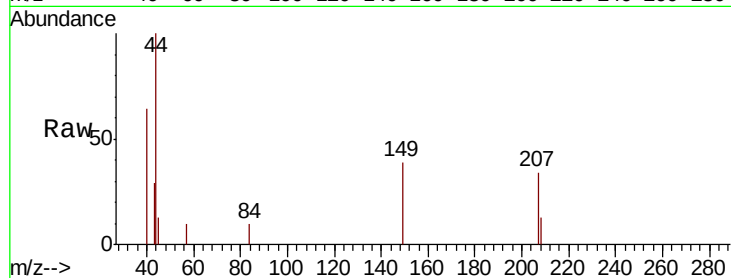
Tgt Ion:149 Resp: 843

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

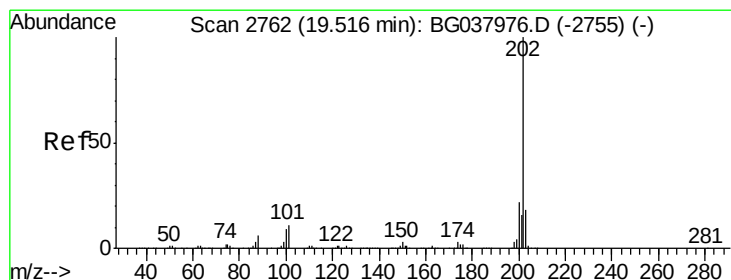
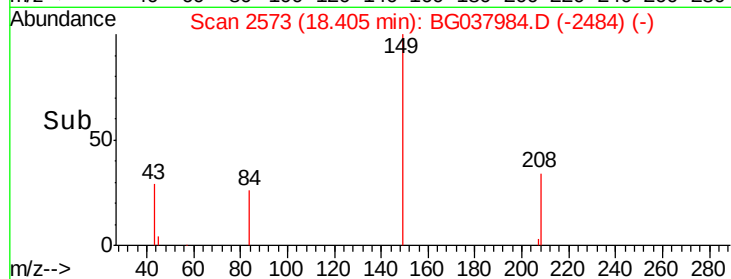
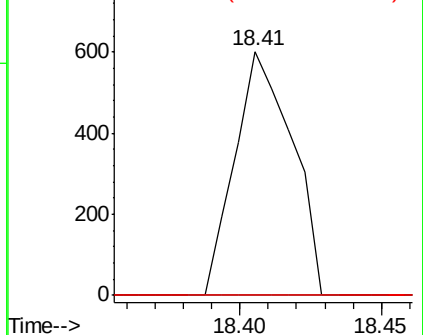
104 0.0 4.0 6.0#



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: 0.038 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

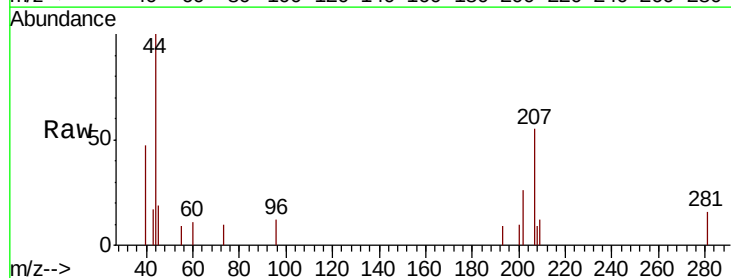
Tgt Ion:202 Resp: 737

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

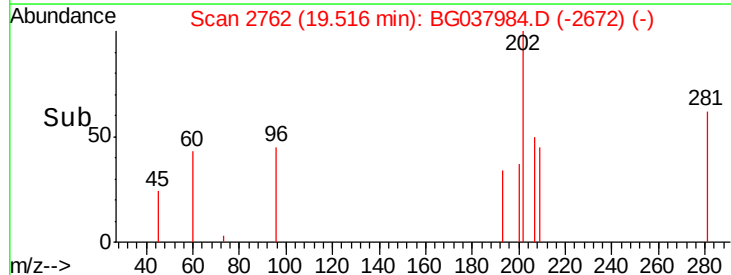
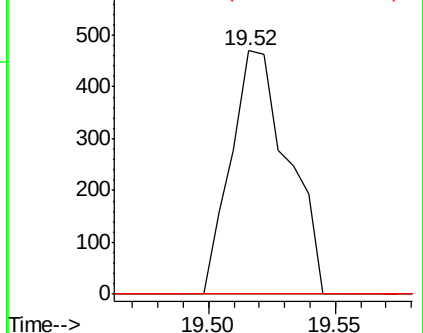
203 0.0 0.0 38.5

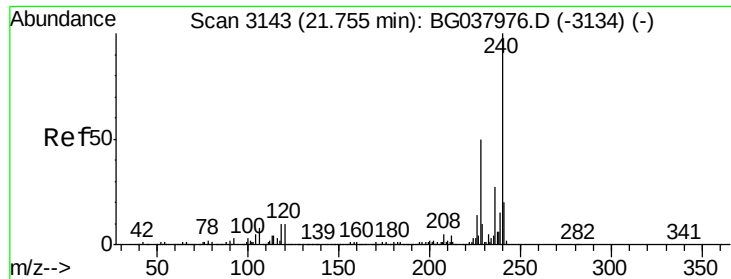


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

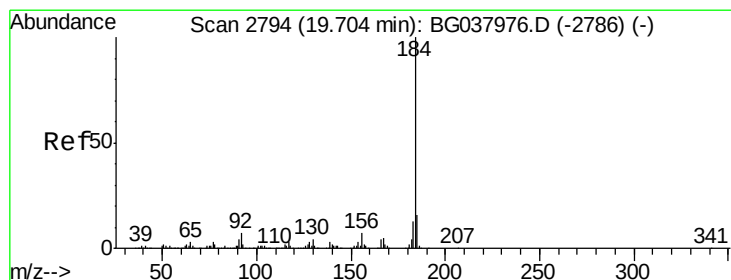
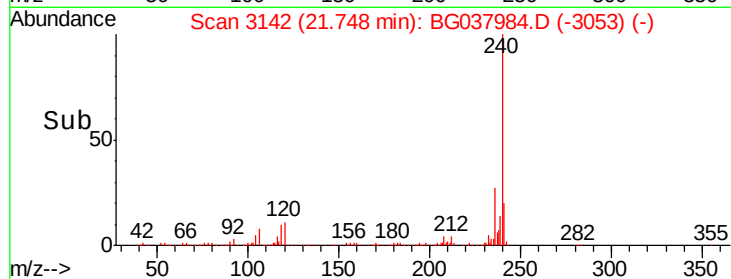
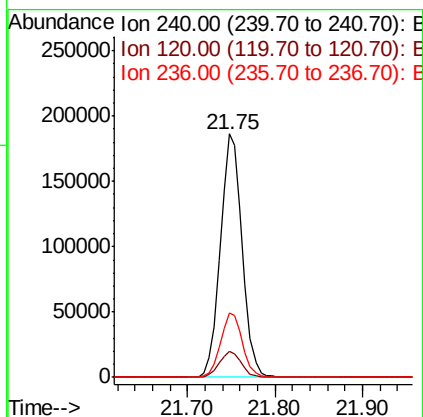
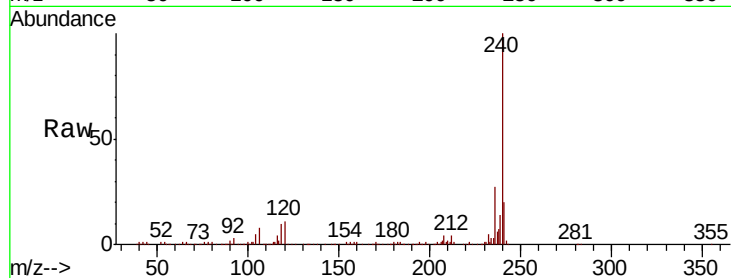




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

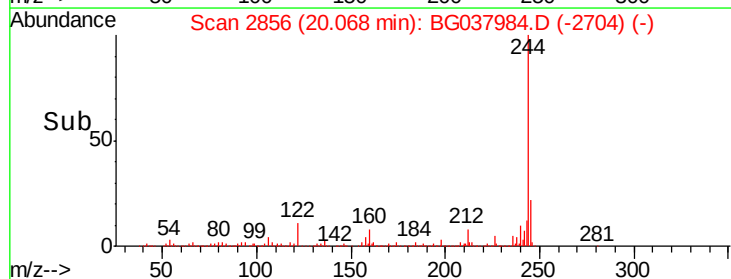
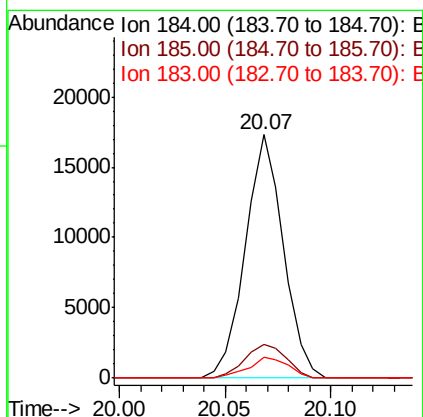
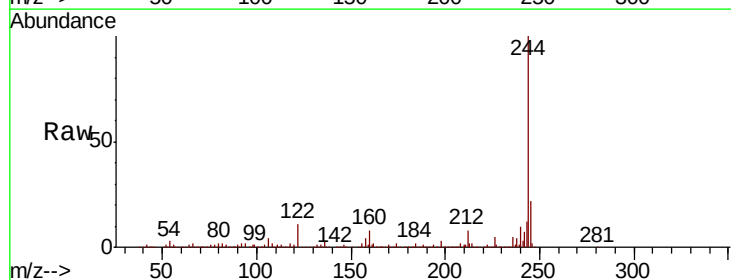
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

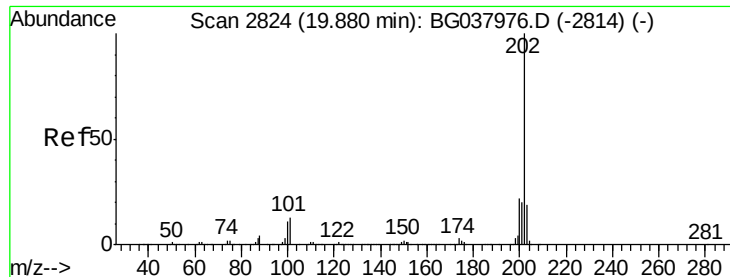
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.1	12.1
236	26.7	21.4	32.0



#77
 Benzidine
 Concen: 1.923 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.36 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	8.3	10.2	15.2#





#78

Pyrene

Concen: 0.027 ng

RT: 19.89 min Scan# 2825

Delta R.T. 0.01 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

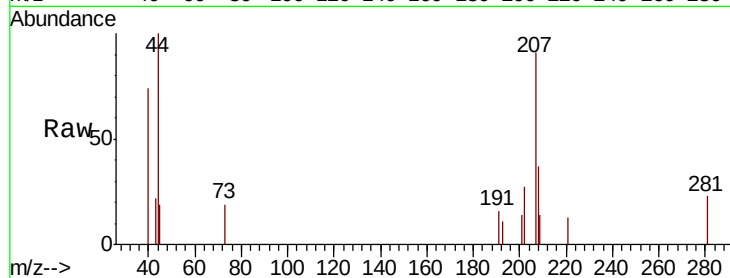
Tgt Ion:202 Resp: 574

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.6#

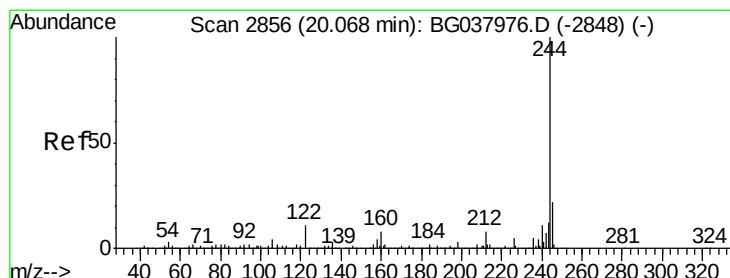
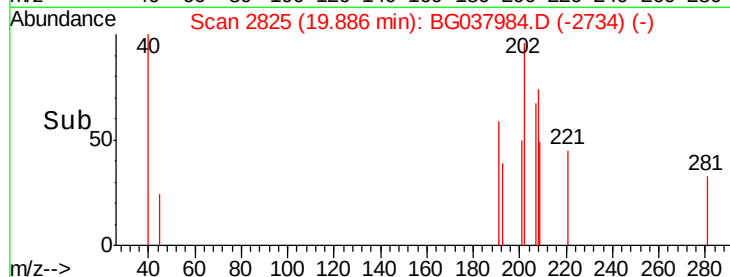
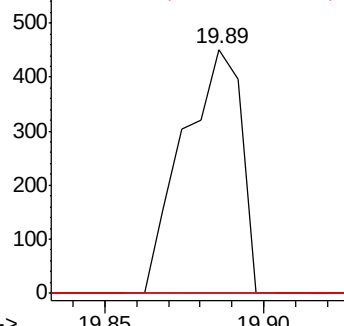
203 0.0 15.2 22.8#



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: 90.938 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

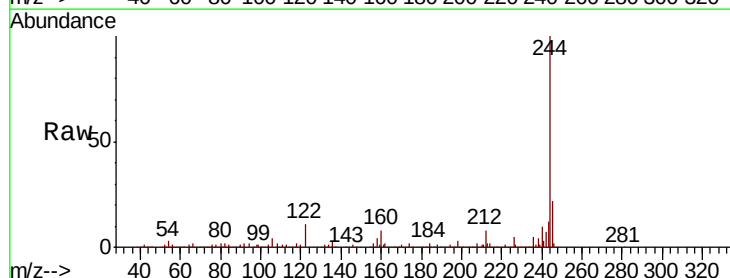
Tgt Ion:244 Resp: 1235220

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

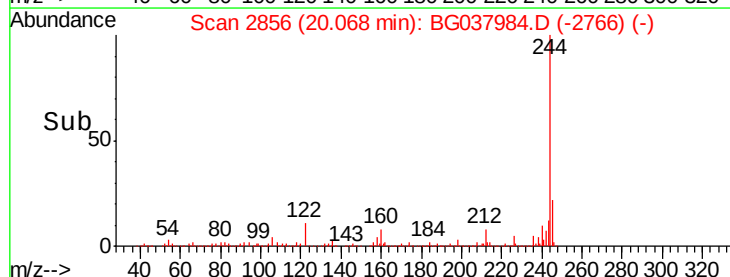
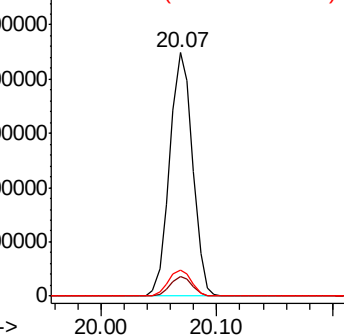
122 10.7 9.0 13.4

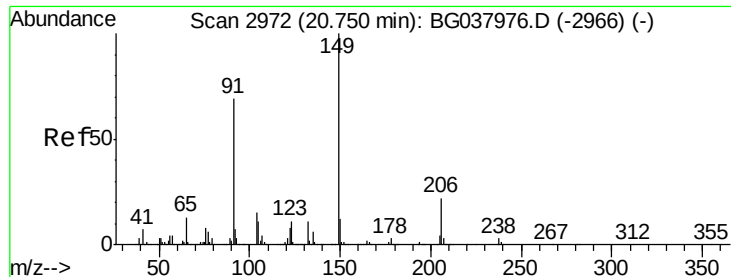


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

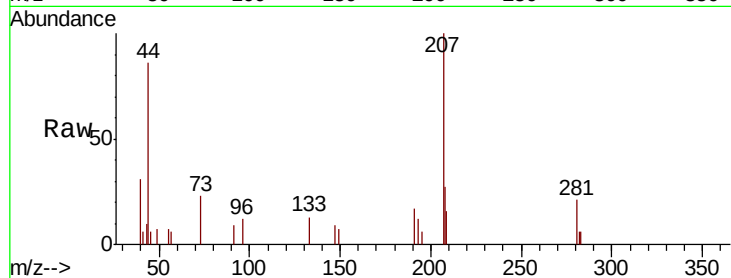




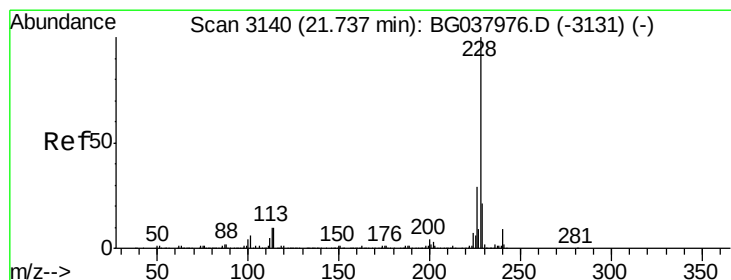
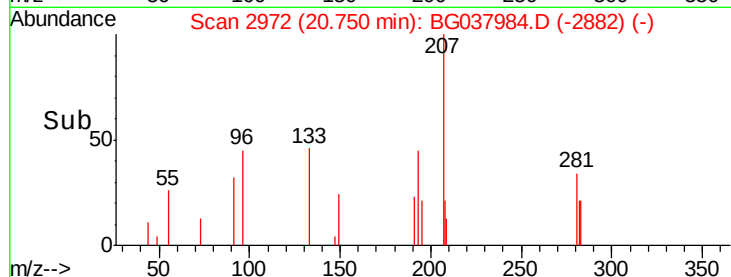
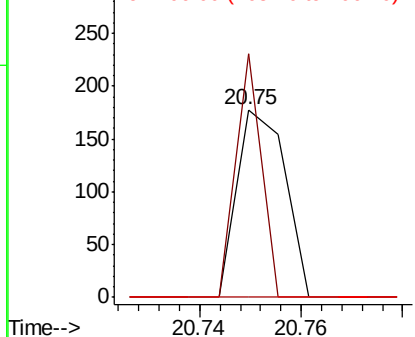
#80
Butylbenzylphthalate
Concen: 0.013 ng
RT: 20.75 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
SB-15-S

Tgt Ion:149 Resp: 117
Ion Ratio Lower Upper
149 100
91 129.8 57.0 85.4#
206 0.0 17.8 26.6#

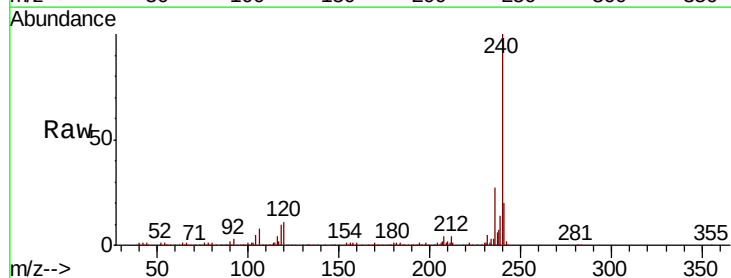


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

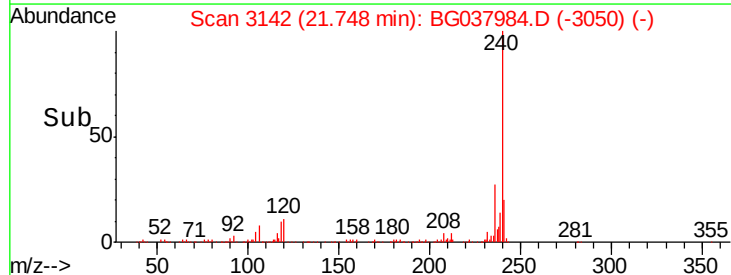
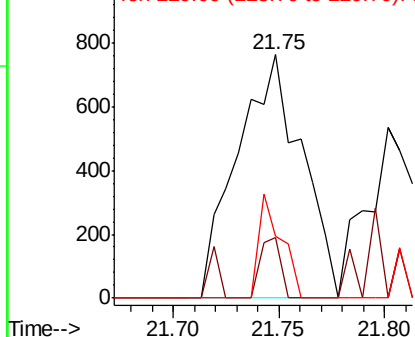


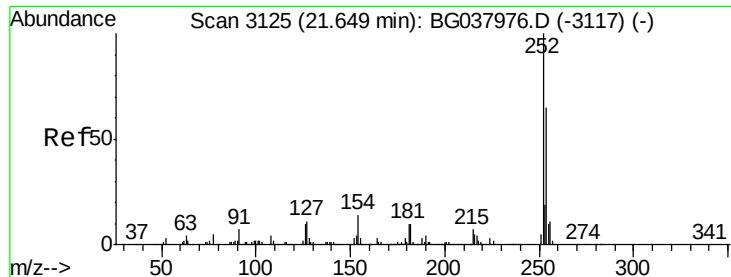
#81
Benzo(a)anthracene
Concen: 0.084 ng
RT: 21.75 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Tgt Ion:228 Resp: 1625
Ion Ratio Lower Upper
228 100
226 24.7 22.6 33.8
229 25.7 16.3 24.5#



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

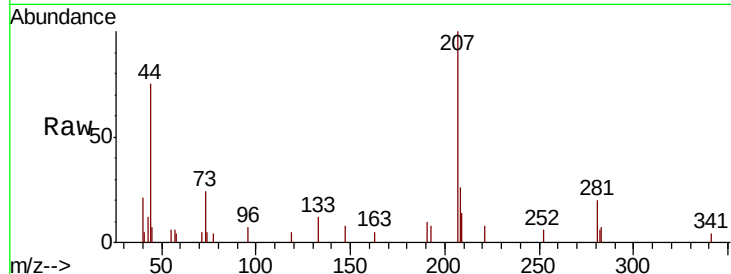




#82
 3,3'-Dichlorobenzidine
 Concen: 0.011 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. 0.01 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

Tgt Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.0	78.0#
126	0.0	8.2	12.4#

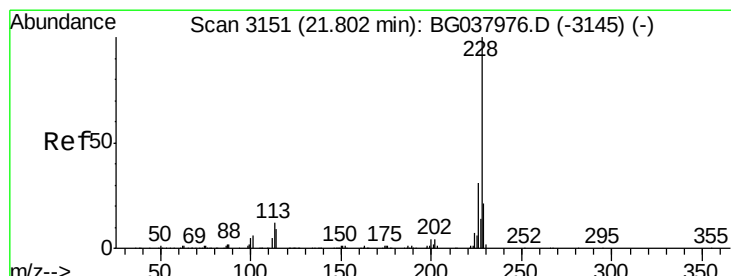
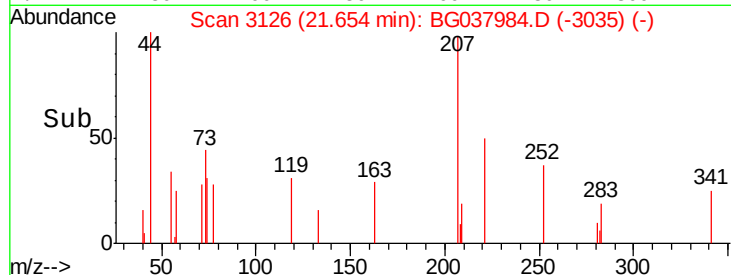
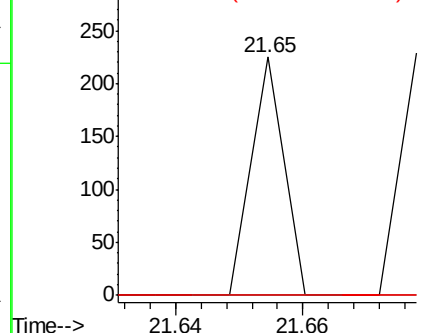


Abundance

Ion 252.00 (251.70 to 252.70): E

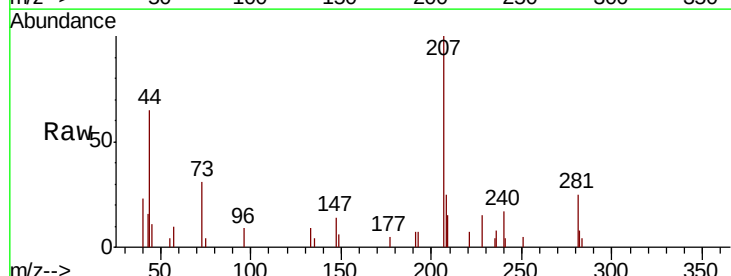
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 0.041 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.7	38.5#
229	0.0	16.5	24.7#

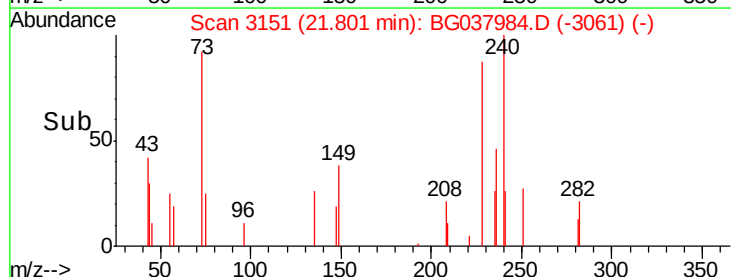
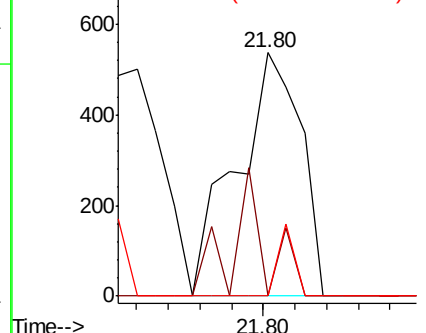


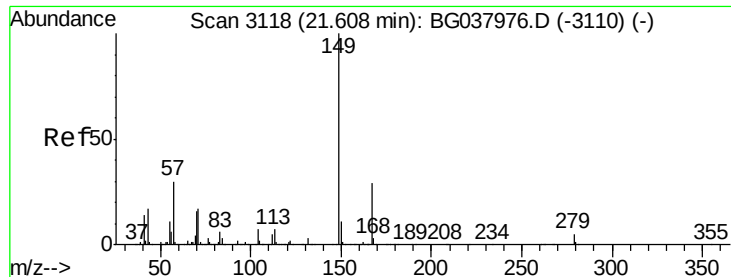
Abundance

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

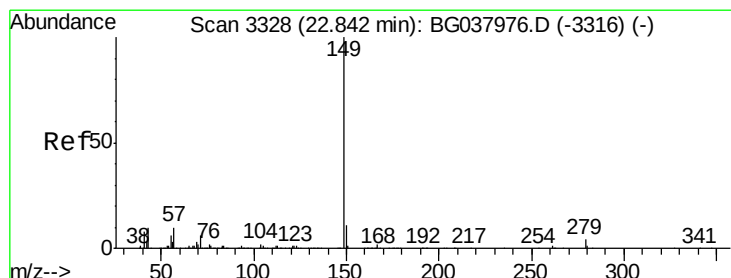
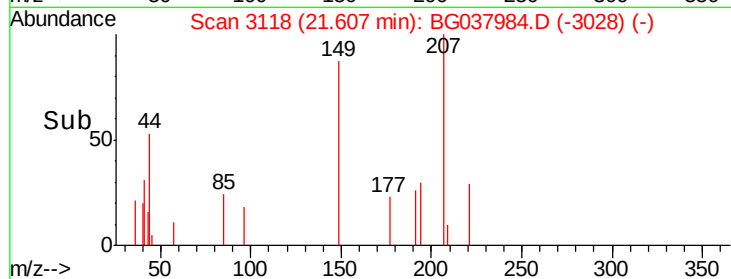
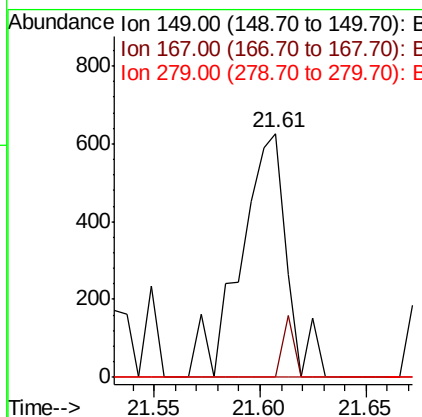
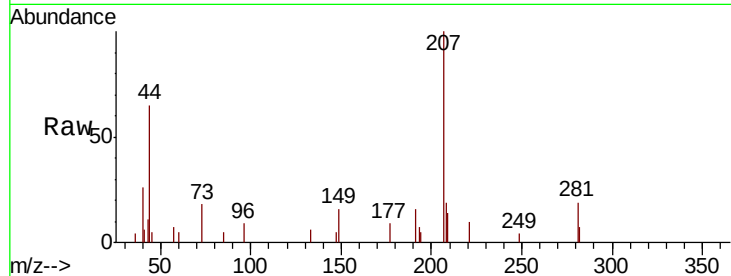




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.074 ng
 RT: 21.61 min Scan# 3118
 Delta R.T. -0.00 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

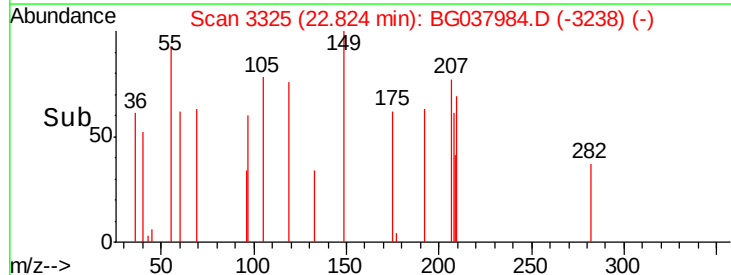
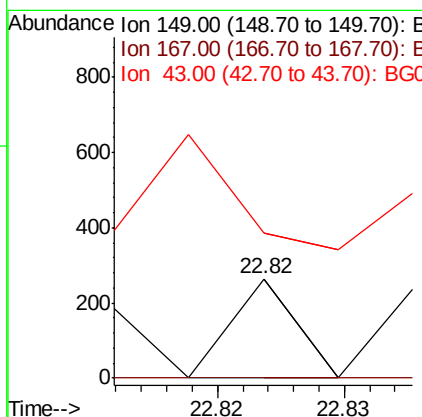
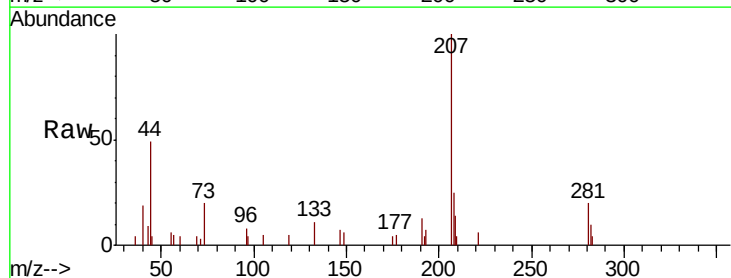
Instrument :
 BNA_G
 ClientSampleId :
 SB-15-S

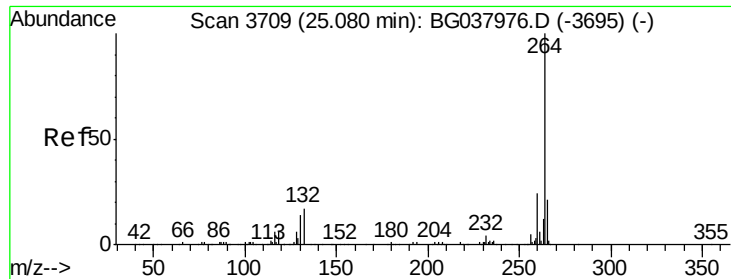
Tgt Ion:149 Resp: 963
 Ion Ratio Lower Upper
 149 100
 167 0.0 23.0 34.4#
 279 0.0 3.6 5.4#



#85
 Di-n-octyl phthalate
 Concen: 0.004 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.02 min
 Lab File: BG037984.D
 Acq: 13 Nov 2018 19:19

Tgt Ion:149 Resp: 93
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 0.0 8.7 13.1#

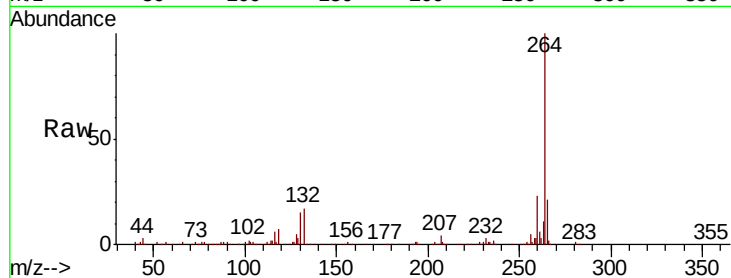




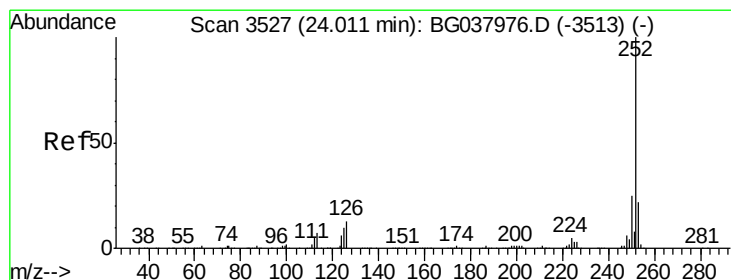
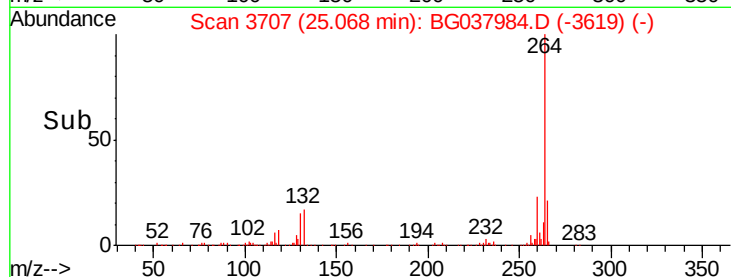
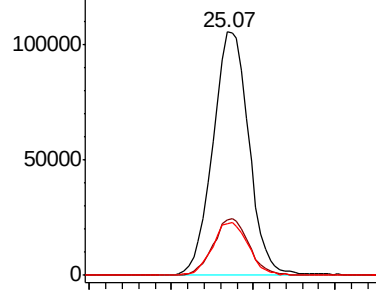
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Instrument :
BNA_G
ClientSampleId :
SB-15-S

Tgt Ion:	264	Resp:	323106
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.4	17.9	26.9

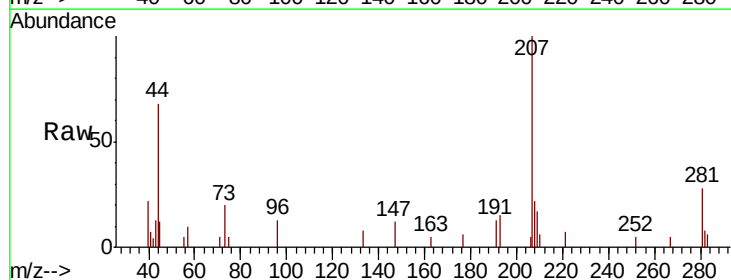


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

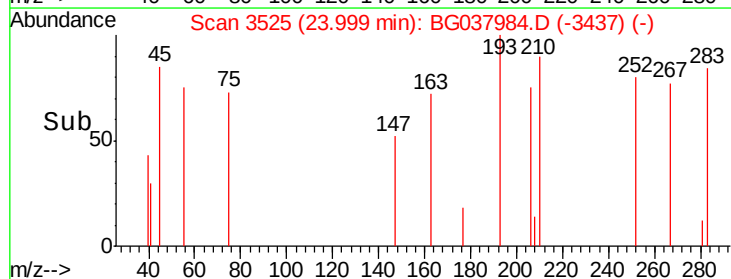
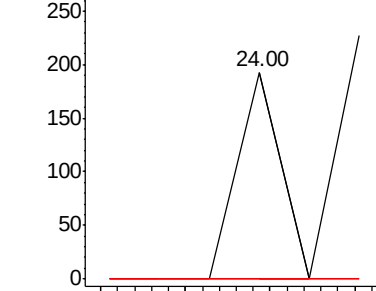


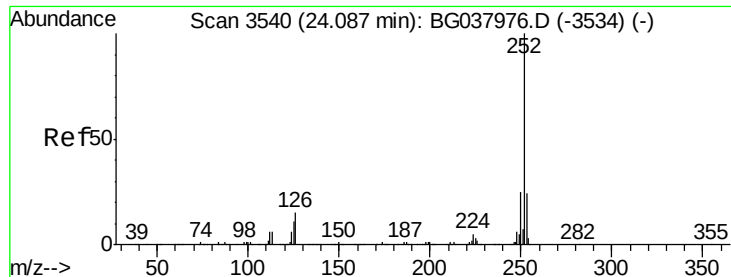
#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.00 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG037984.D
Acq: 13 Nov 2018 19:19

Tgt Ion:	252	Resp:	68
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	7.8	11.6#



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





#89

Benzo(k)fluoranthene

Concen: 0.031 ng

RT: 24.08 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

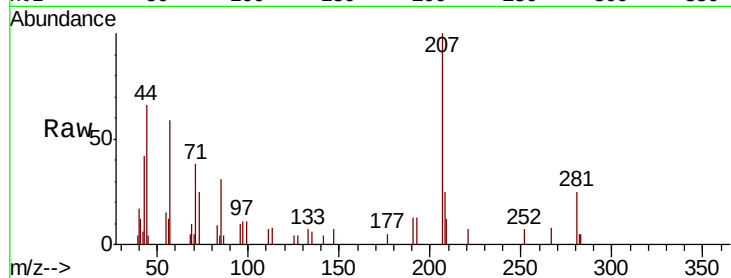
Tgt Ion:252 Resp: 548

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 51.5 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

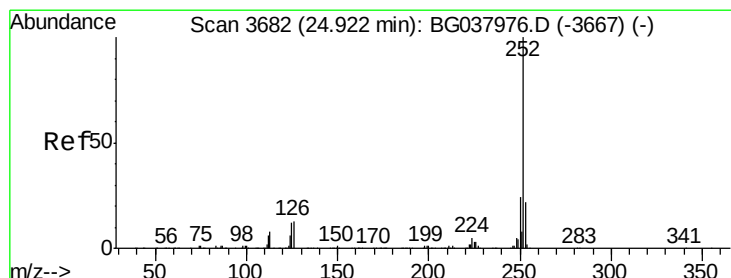
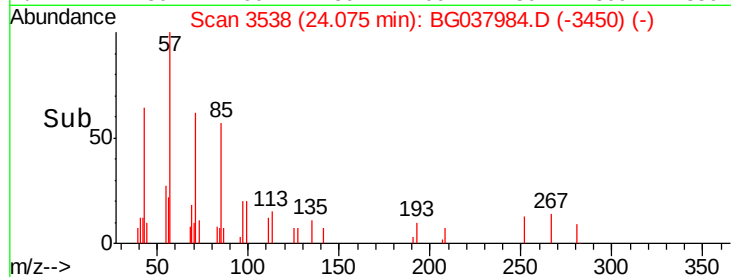
Ion 125.00 (124.70 to 125.70): E

24.08

24.05

24.10

Time-->



#90

Benzo(a)pyrene

Concen: 0.012 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.00 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

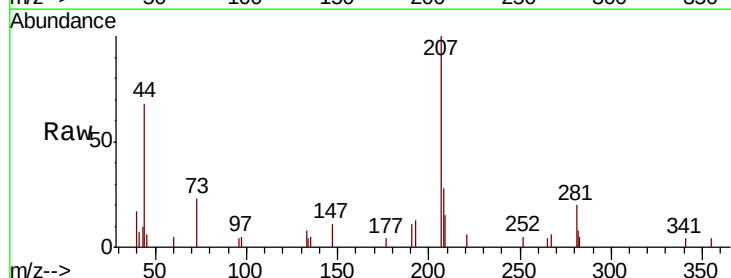
Tgt Ion:252 Resp: 199

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

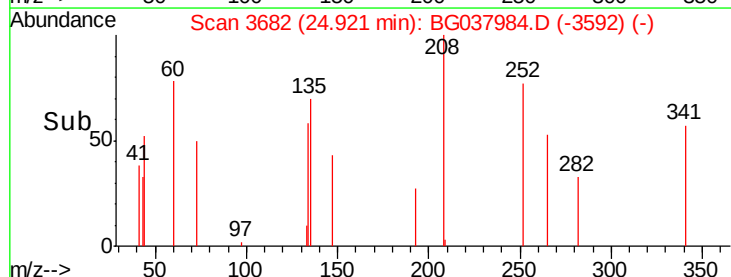
Ion 125.00 (124.70 to 125.70): E

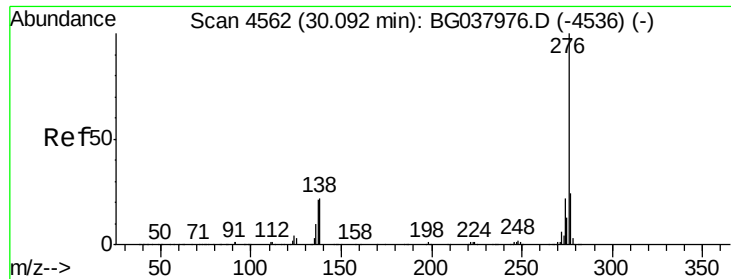
24.92

24.90

24.94

Time-->





#92

Benzo(g,h,i)perylene

Concen: 0.003 ng

RT: 30.10 min Scan# 4563

Delta R.T. 0.01 min

Lab File: BG037984.D

Acq: 13 Nov 2018 19:19

Instrument :

BNA_G

ClientSampleId :

SB-15-S

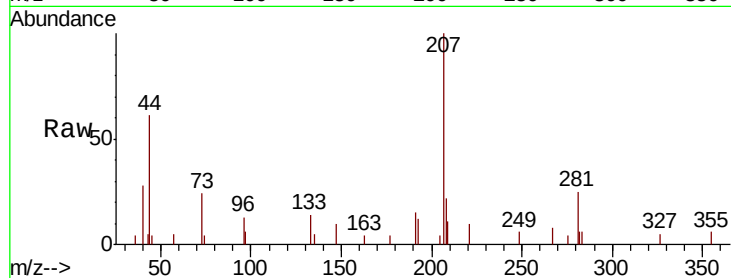
Tgt Ion: 276 Resp: 55

Ion Ratio Lower Upper

276 100

277 0.0 18.9 28.3#

138 0.0 17.2 25.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

