

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037988.D
 Acq On : 13 Nov 2018 21:56
 Operator : JU/SJ
 Sample : J5910-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-4-D

Quant Time: Nov 14 00:14:21 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	48962	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	195836	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	124222	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	304219	20.00	ng	0.00
76) Chrysene-d12	21.75	240	298784	20.00	ng	0.00
87) Perylene-d12	25.07	264	305544	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	310229	109.40	ng	0.00
7) Phenol-d6	7.23	99	398282	98.39	ng	0.00
23) Nitrobenzene-d5	9.27	82	293133	80.13	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	166391	117.45	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	673859	79.03	ng	0.00
79) Terphenyl-d14	20.07	244	1103568	86.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	449	0.335	ng	# 13
3) Pyridine	4.03	79	61	0.016	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	604	0.436	ng	# 1
6) Aniline	7.62	93	326	0.062	ng	# 1
9) Benzaldehyde	7.24	77	547	0.187	ng	# 4
10) Phenol	7.62	94	734	0.171	ng	# 1
11) bis(2-Chloroethyl)ether	7.62	93	326	0.093	ng	# 1
15) Benzyl Alcohol	8.40	79	4436	1.514	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	8.63	45	326	0.050	ng	# 74
19) n-Nitroso-di-n-propylamine	9.27	70	36754	12.548	ng	# 71
22) Acetophenone	8.93	105	204	0.042	ng	# 25
24) Nitrobenzene	9.27	77	769	0.205	ng	# 30
27) 2,4-Dimethylphenol	10.41	122	66	0.023	ng	# 2
31) Naphthalene	10.95	128	242	0.025	ng	# 68
32) Benzoic acid	10.41	122	66	12.360	ng	# 1
46) 1,1'-Biphenyl	13.55	154	1261	0.121	ng	# 62
48) 2-Nitroaniline	13.34	65	1104	0.440	ng	# 2
51) 2,6-Dinitrotoluene	14.72	165	16223	7.279	ng	# 26
52) Acenaphthene	14.73	154	312	0.043	ng	# 3
57) 2,4-Dinitrotoluene	14.72	165	16223	5.350	ng	# 26
58) Fluorene	16.21	166	8453	0.950	ng	# 69
60) Diethylphthalate	15.52	149	76	0.007	ng	# 58
63) Azobenzene	16.21	77	872	0.093	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.20	198	486	0.253	ng	# 89
66) n-Nitrosodiphenylamine	16.21	169	7046	0.766	ng	# 49
67) 4-Bromophenyl-phenylether	16.21	248	12173	3.646	ng	# 1
71) Phenanthrene	17.51	178	65	0.004	ng	# 59
72) Anthracene	17.51	178	65	0.004	ng	# 60
74) Di-n-butylphthalate	18.41	149	1016	0.059	ng	# 77
75) Fluoranthene	19.89	202	111	0.006	ng	# 63
77) Benzidine	20.07	184	18456	1.760	ng	# 96
78) Pyrene	20.07	202	4349	0.223	ng	# 89
80) Butylbenzylphthalate	20.75	149	79	0.009	ng	# 23
81) Benzo(a)anthracene	21.76	228	1217	0.067	ng	# 58

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QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

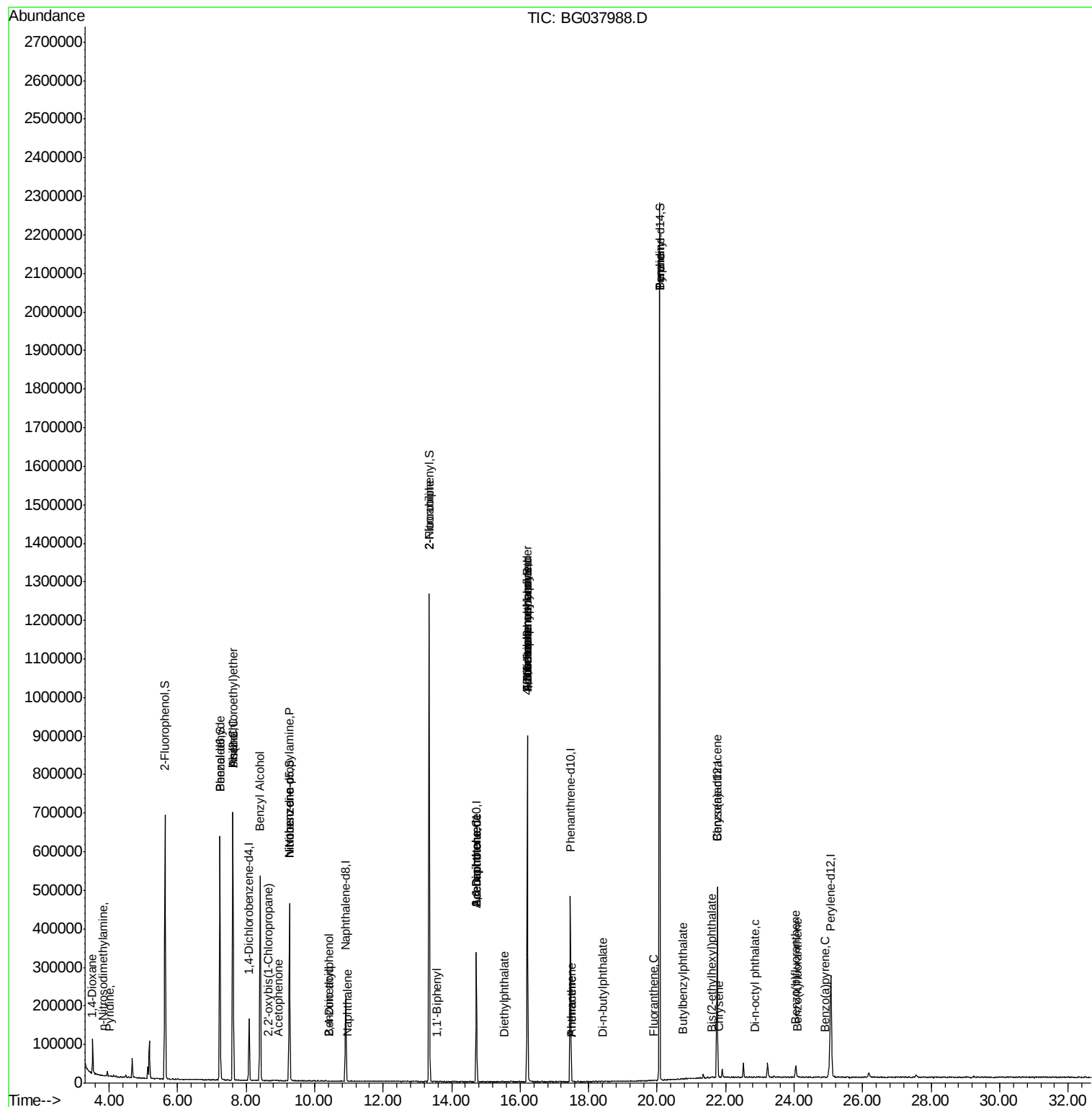
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.79	228	488	0.028	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.60	149	1114	0.091	ng	# 51
85) Di-n-octyl phthalate	22.84	149	84	0.004	ng	# 1
88) Benzo(b)fluoranthene	24.03	252	261	0.016	ng	# 31
89) Benzo(k)fluoranthene	24.10	252	174	0.010	ng	# 60
90) Benzo(a)pyrene	24.89	252	56	0.003	ng	# 60

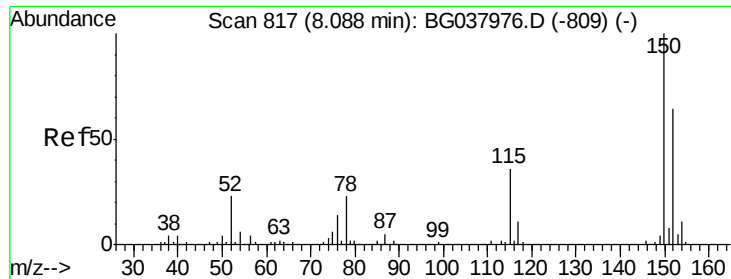
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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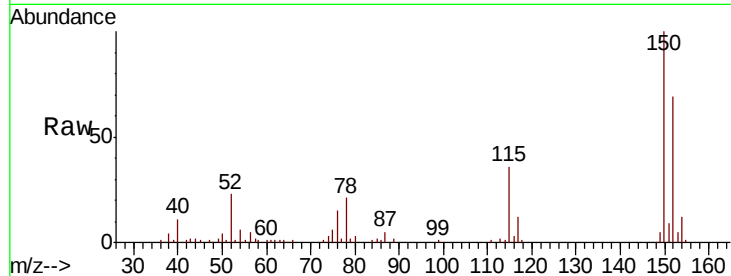


#1

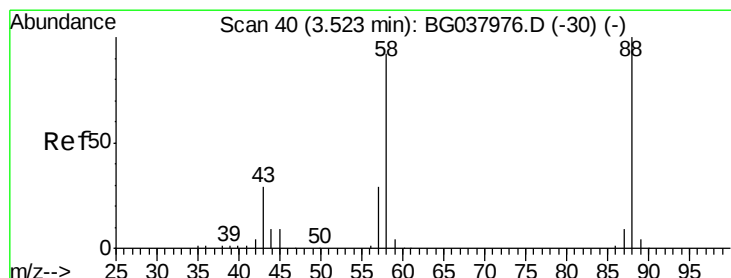
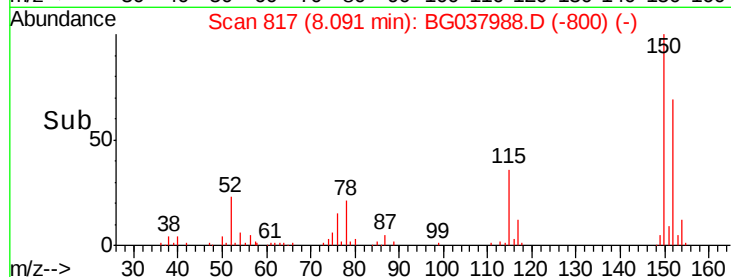
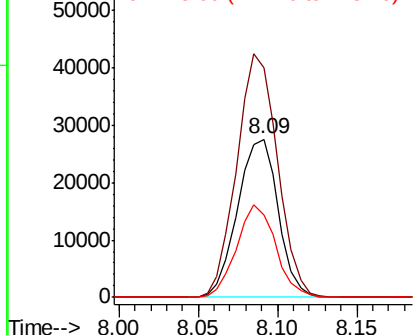
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. 0.00 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Instrument :
BNA_G
ClientSampleId :
W-4-D

Tgt Ion:152 Resp: 48962
Ion Ratio Lower Upper
152 100
150 145.5 126.0 189.0
115 51.9 45.5 68.3



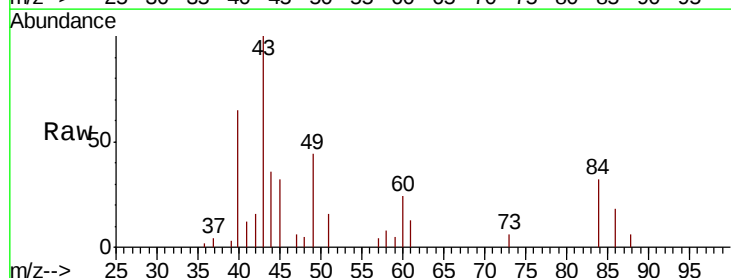
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



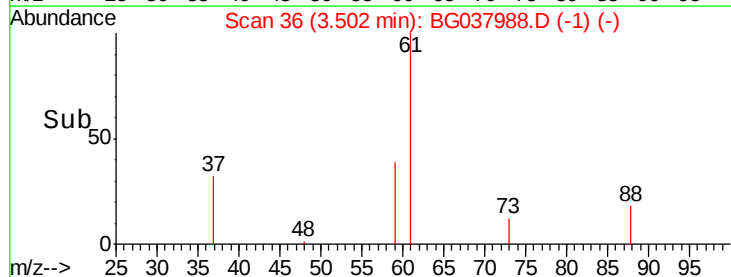
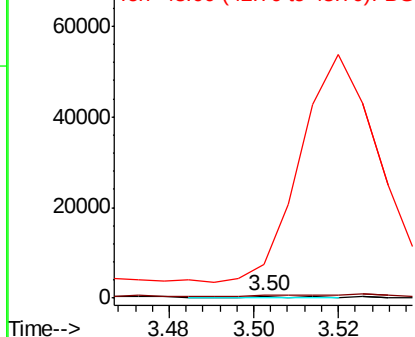
#2

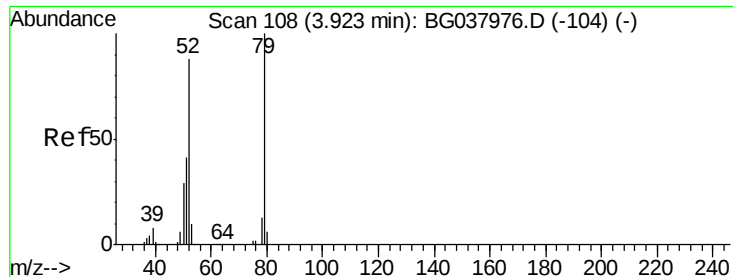
1,4-Dioxane
Concen: 0.335 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.02 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Tgt Ion: 88 Resp: 449
Ion Ratio Lower Upper
88 100
58 0.0 74.4 111.6#
43 0.0 25.8 38.8#



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





#3

Pyridine

Concen: 0.016 ng

RT: 4.03 min Scan# 125

Delta R.T. 0.10 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

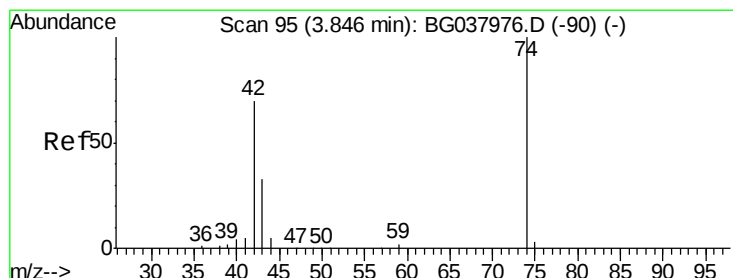
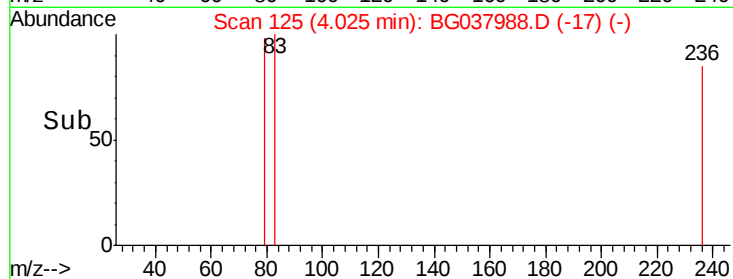
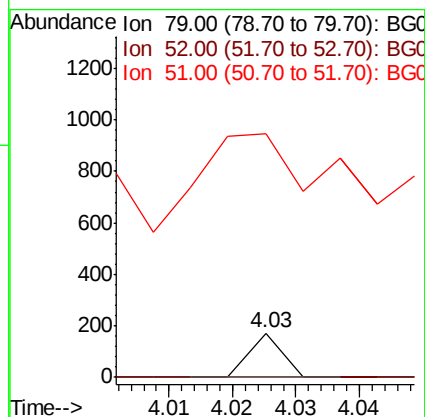
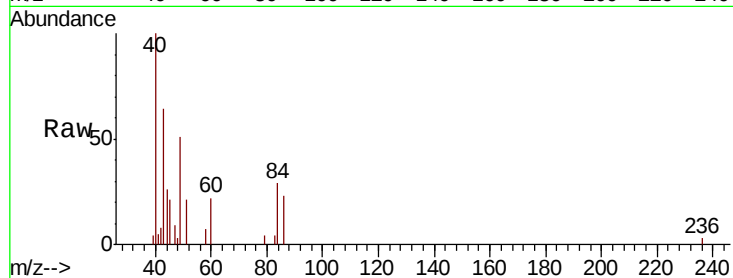
Tgt Ion: 79 Resp: 61

Ion Ratio Lower Upper

79 100

52 0.0 74.2 111.2#

51 546.8 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 0.436 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.03 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

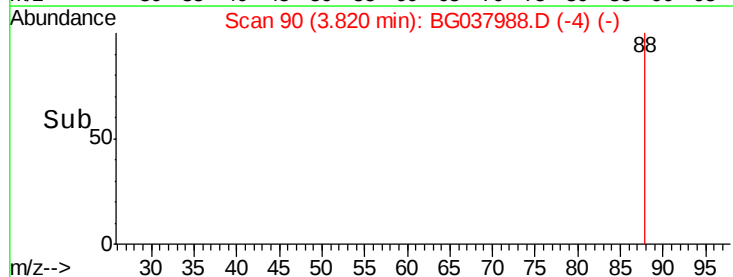
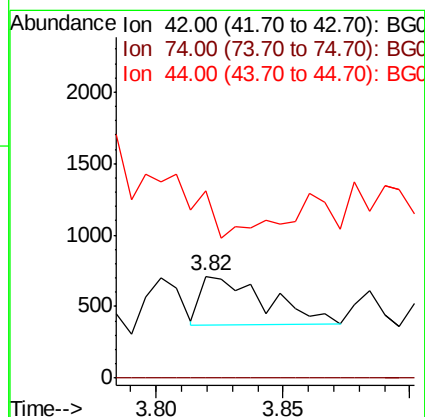
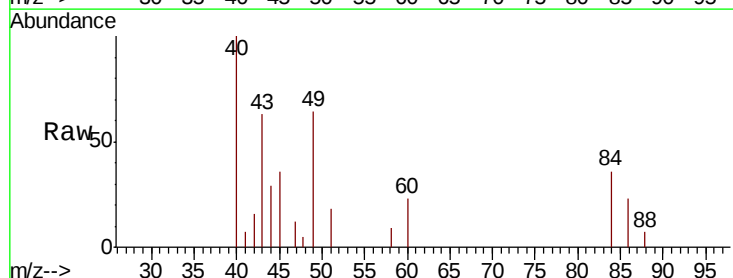
Tgt Ion: 42 Resp: 604

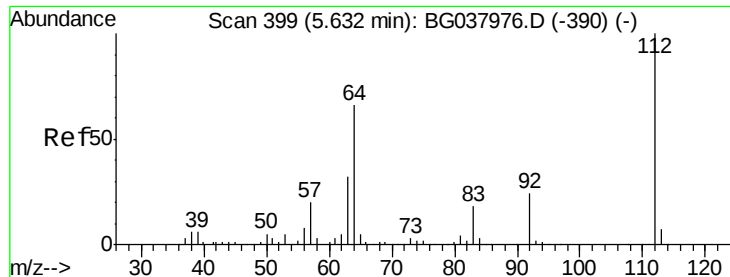
Ion Ratio Lower Upper

42 100

74 0.0 102.0 153.0#

44 183.1 9.6 14.4#





#5

2-Fluorophenol

Concen: 109.397 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

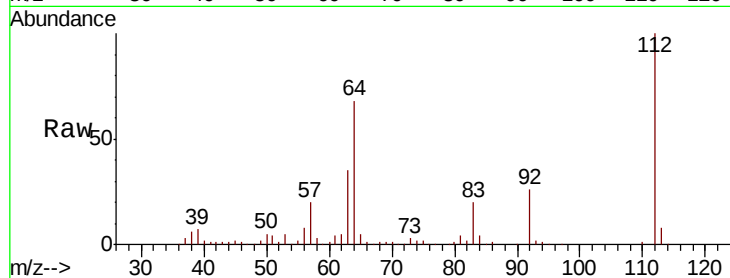
Tgt Ion: 112 Resp: 310229

Ion Ratio Lower Upper

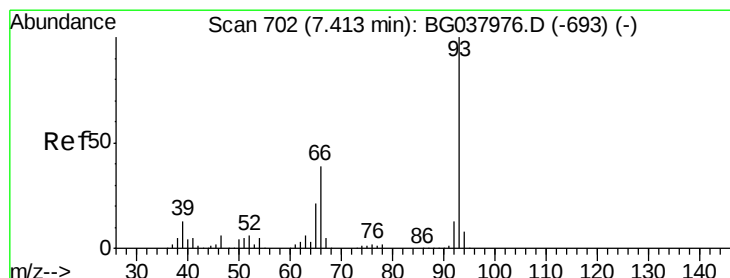
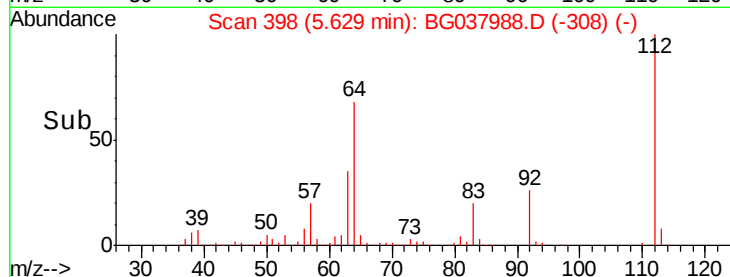
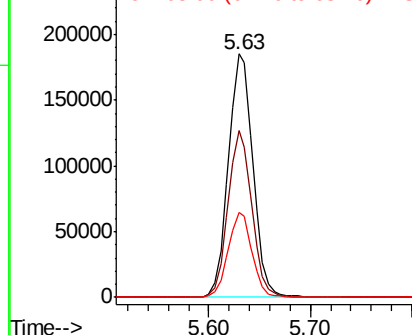
112 100

64 68.5 53.1 79.7

63 35.0 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: 0.062 ng

RT: 7.62 min Scan# 736

Delta R.T. 0.20 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

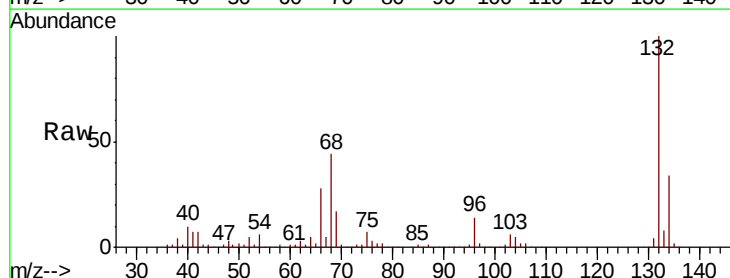
Tgt Ion: 93 Resp: 326

Ion Ratio Lower Upper

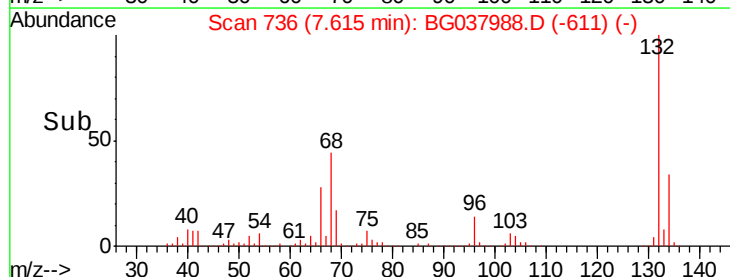
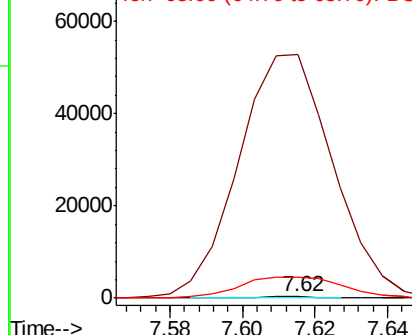
93 100

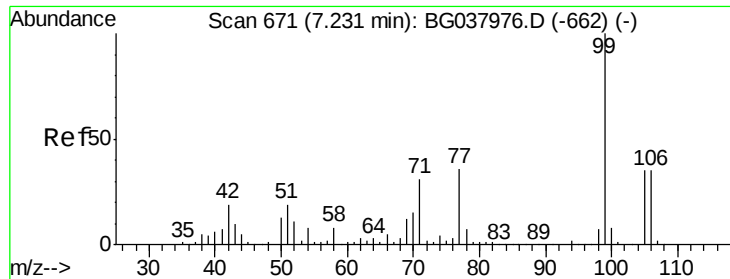
66 17903.7 32.8 49.2#

65 1570.2 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: 98.391 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

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ClientSampleId :

W-4-D

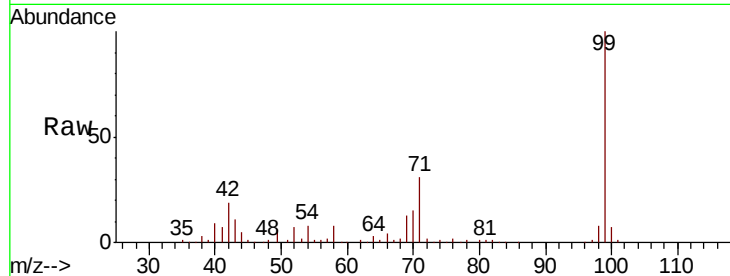
Tgt Ion: 99 Resp: 398282

Ion Ratio Lower Upper

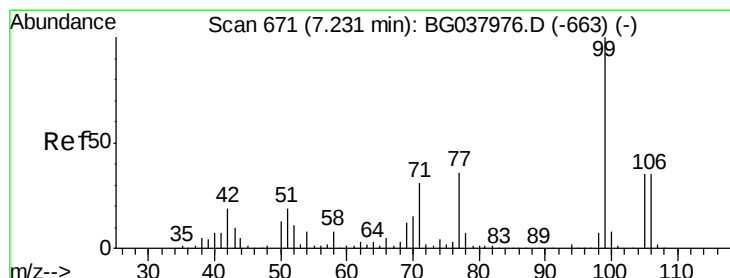
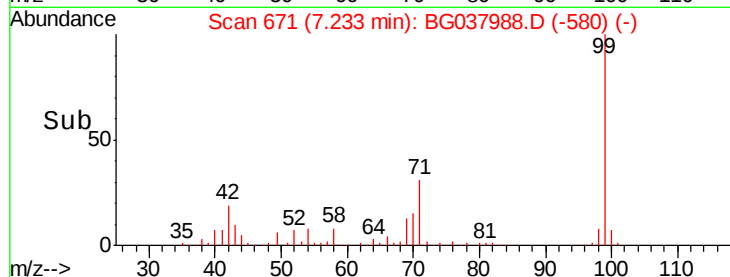
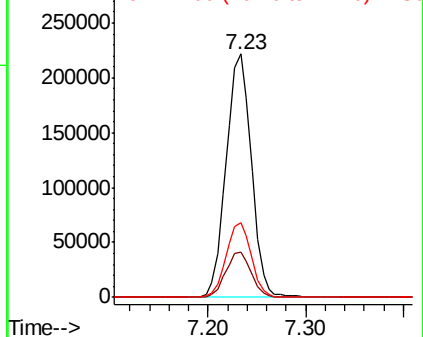
99 100

42 18.7 15.0 22.4

71 30.6 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: 0.187 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

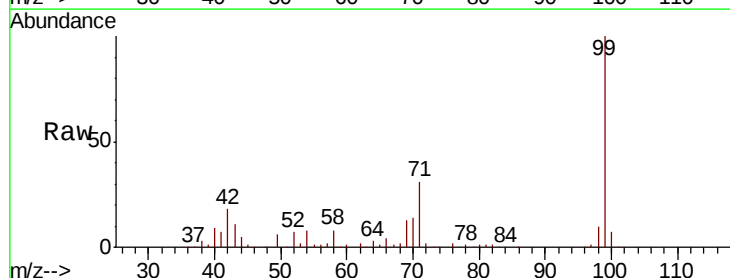
Tgt Ion: 77 Resp: 547

Ion Ratio Lower Upper

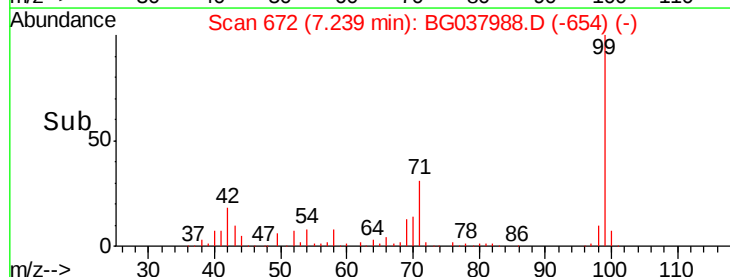
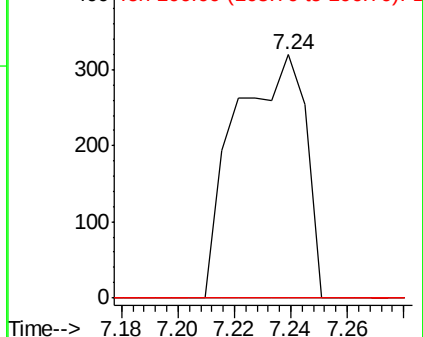
77 100

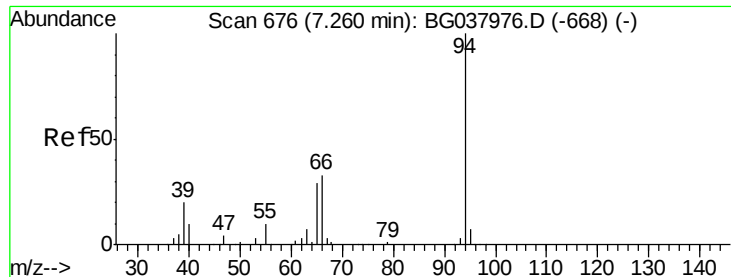
105 0.0 72.6 112.6#

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: 0.171 ng

RT: 7.62 min Scan# 736

Delta R.T. 0.36 min

Lab File: BG037988.D

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ClientSampleId :

W-4-D

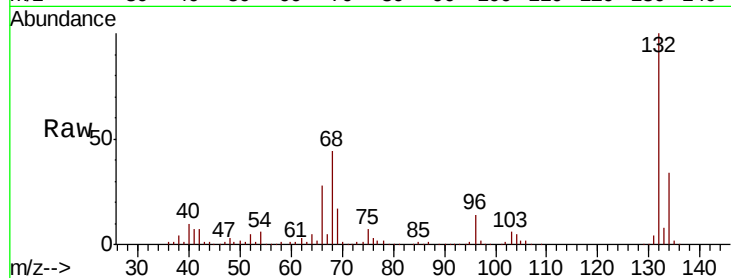
Tgt Ion: 94 Resp: 734

Ion Ratio Lower Upper

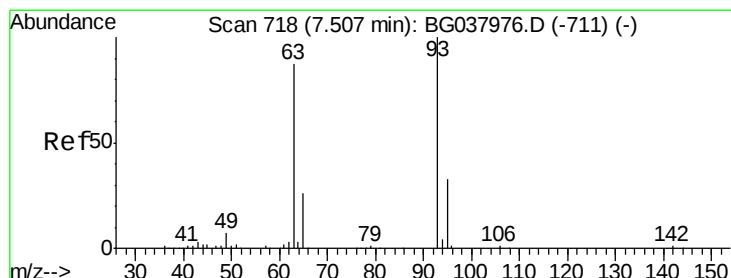
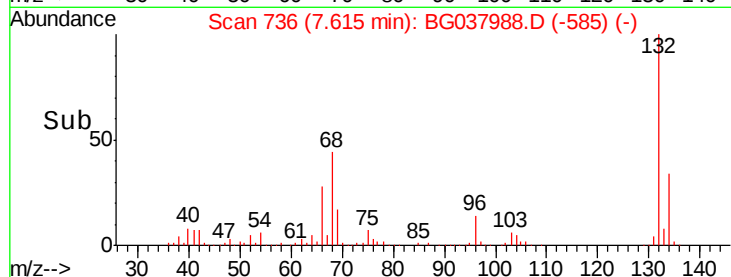
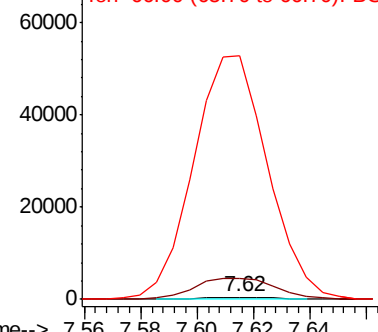
94 100

65 926.4 9.7 49.7#

66 10563.2 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: 0.093 ng

RT: 7.62 min Scan# 736

Delta R.T. 0.11 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

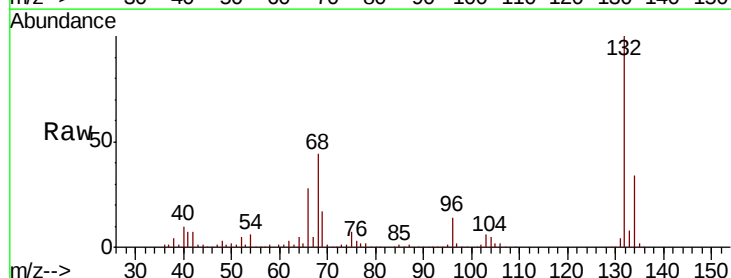
Tgt Ion: 93 Resp: 326

Ion Ratio Lower Upper

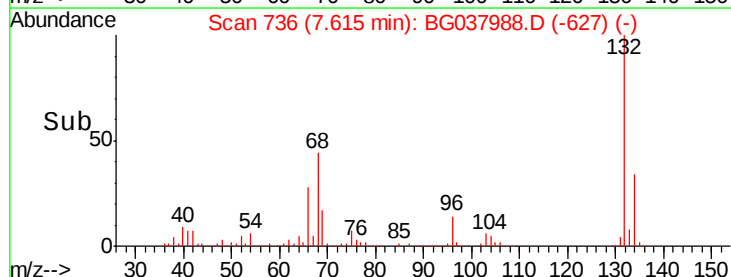
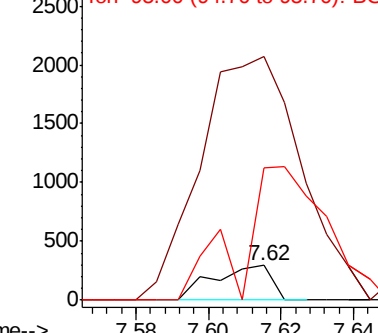
93 100

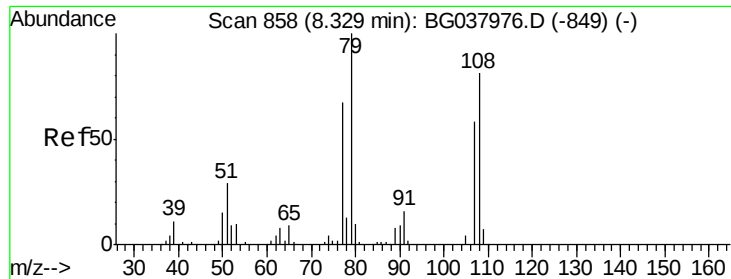
63 701.7 69.5 109.5#

95 380.7 12.6 52.6#



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





#15

Benzyl Alcohol

Concen: 1.514 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.07 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

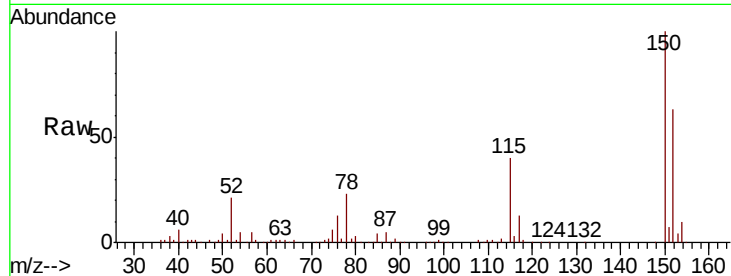
Tgt Ion: 79 Resp: 4436

Ion Ratio Lower Upper

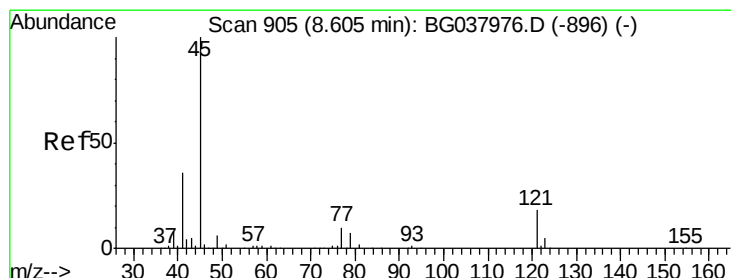
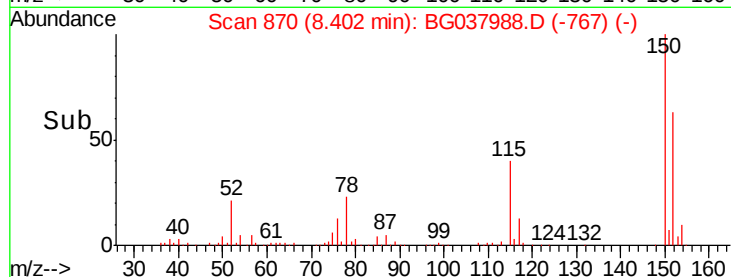
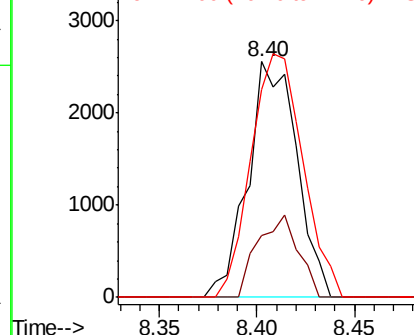
79 100

108 26.1 65.8 98.8#

77 88.1 52.9 79.3#



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: 0.050 ng

RT: 8.63 min Scan# 909

Delta R.T. 0.03 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

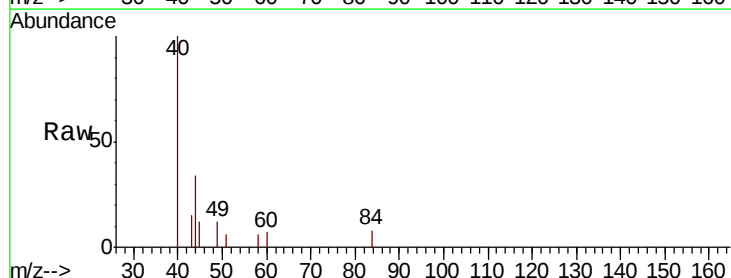
Tgt Ion: 45 Resp: 326

Ion Ratio Lower Upper

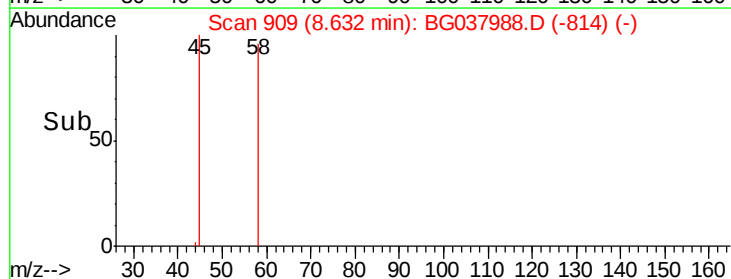
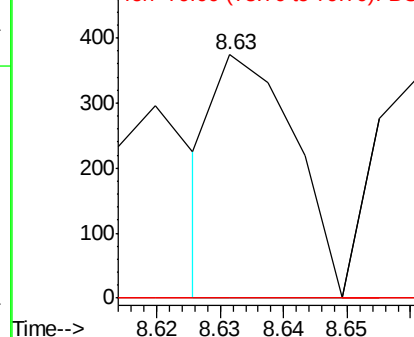
45 100

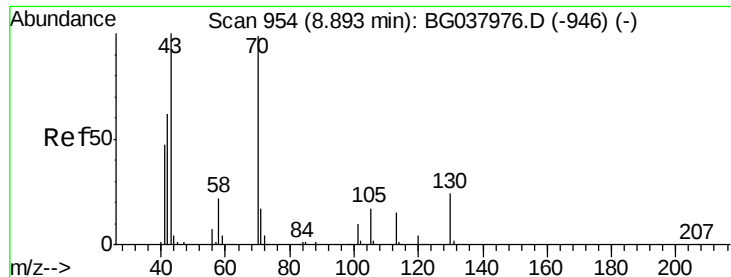
77 0.0 0.0 30.0

79 0.0 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

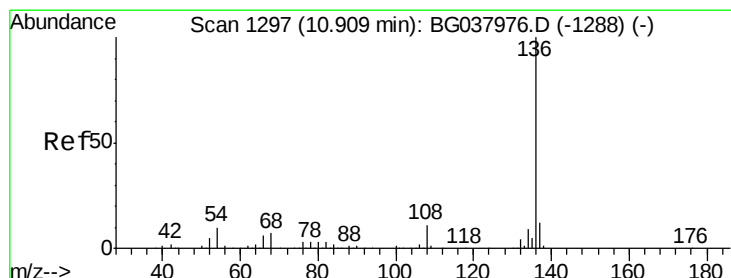
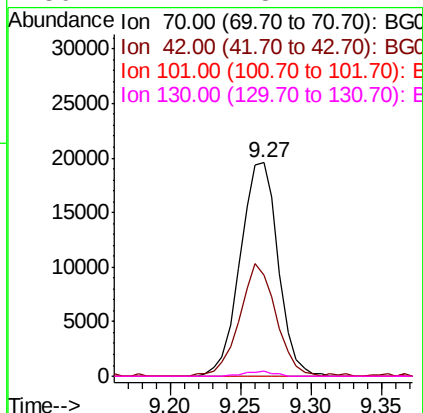
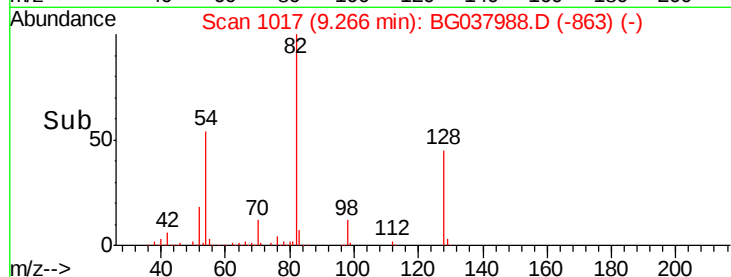
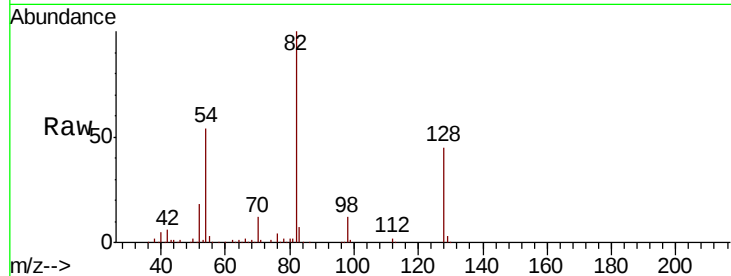




#19
n-Nitroso-di-n-propylamine
Concen: 12.548 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.37 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

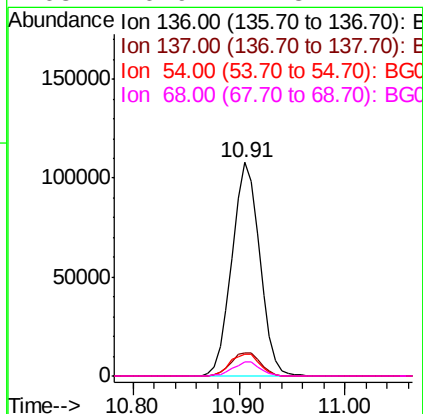
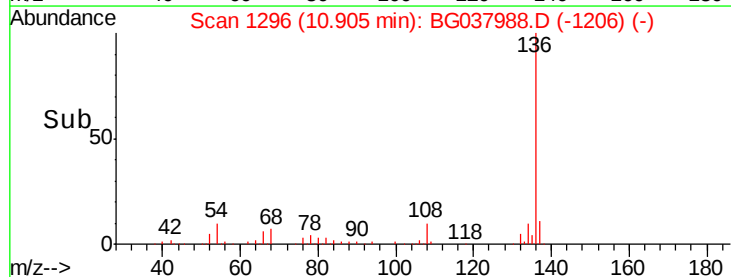
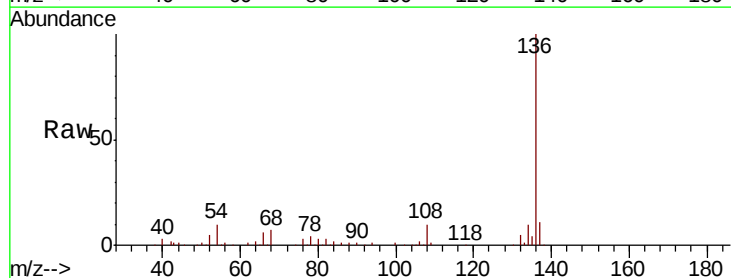
Instrument :
BNA_G
ClientSampleId :
W-4-D

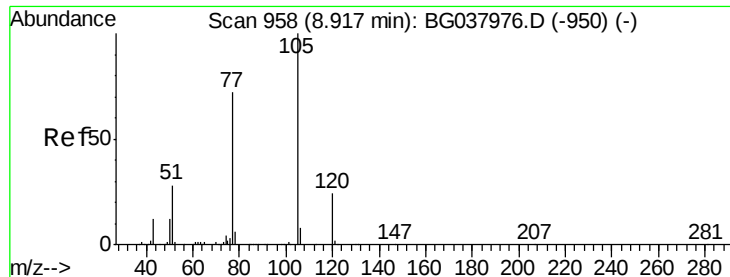
Tgt Ion: 70 Resp: 36754
Ion Ratio Lower Upper
70 100
42 47.5 53.9 80.9#
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Tgt Ion: 136 Resp: 195836
Ion Ratio Lower Upper
136 100
137 10.8 9.6 14.4
54 10.4 7.9 11.9
68 6.9 4.8 7.2





#22

Acetophenone

Concen: 0.042 ng

RT: 8.93 min Scan# 959

Delta R.T. 0.01 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

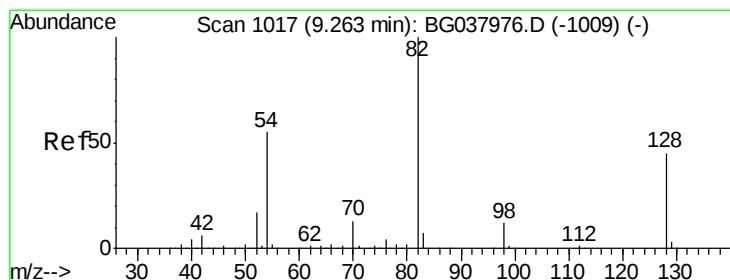
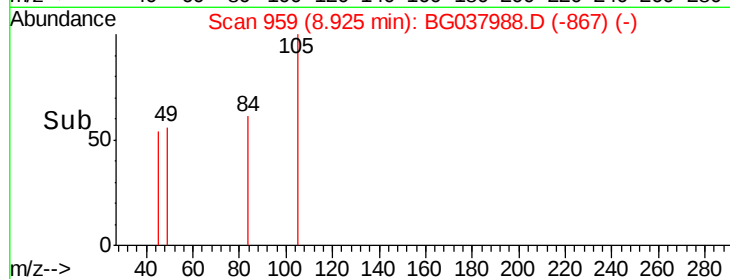
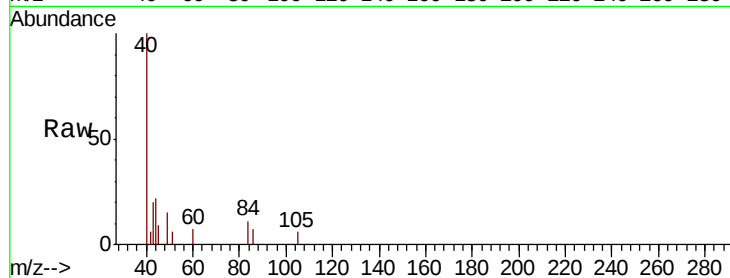
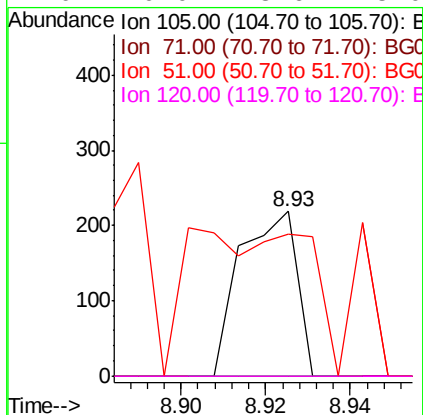
Instrument :

BNA_G

ClientSampleId :

W-4-D

Tgt Ion:	105	Resp:	204
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	85.8	25.0	37.6#
120	0.0	18.6	28.0#



#23

Nitrobenzene-d5

Concen: 80.126 ng

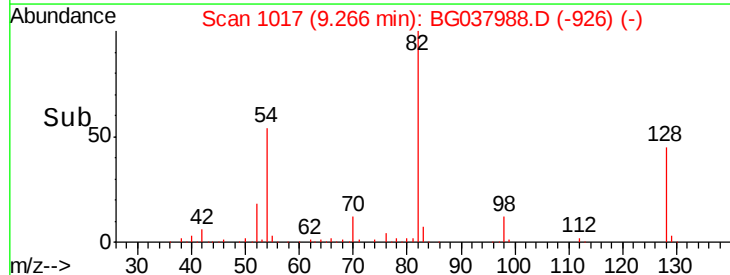
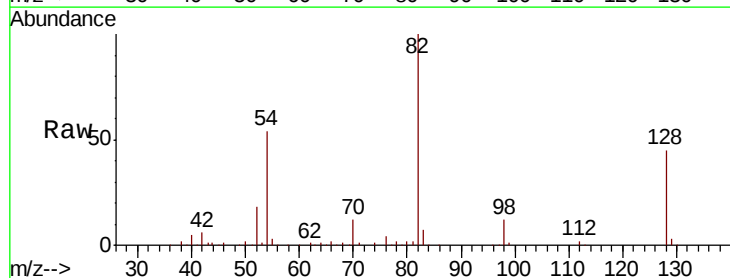
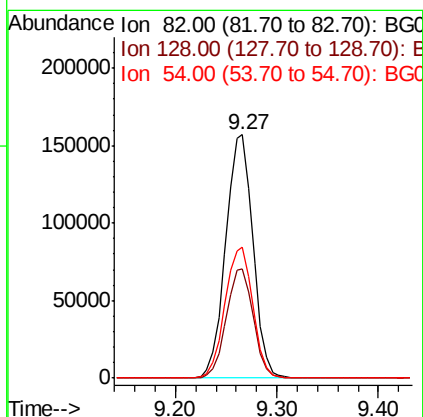
RT: 9.27 min Scan# 1017

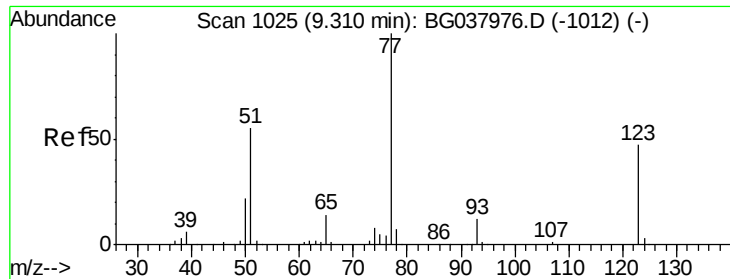
Delta R.T. 0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Tgt Ion:	82	Resp:	293133
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.6	51.8
54	54.0	45.3	67.9

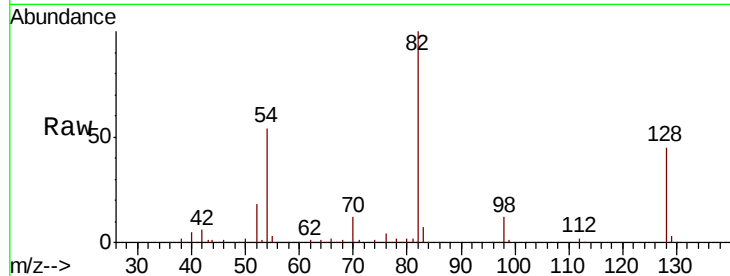




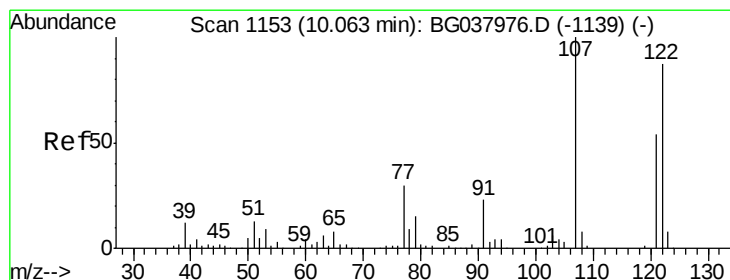
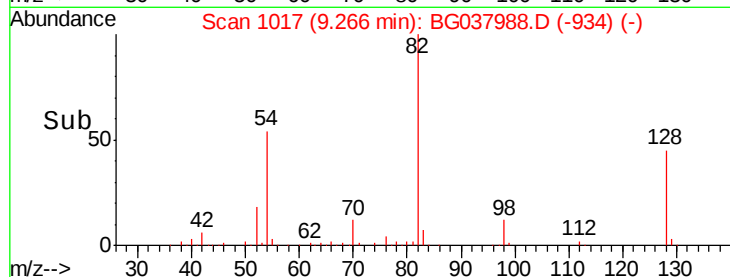
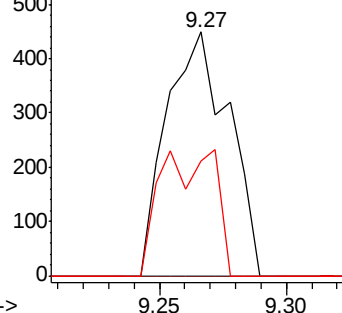
#24
Nitrobenzene
Concen: 0.205 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.04 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Instrument :
BNA_G
ClientSampleId :
W-4-D

Tgt Ion: 77 Resp: 769
Ion Ratio Lower Upper
77 100
123 0.0 33.6 50.4#
65 47.0 11.3 16.9#

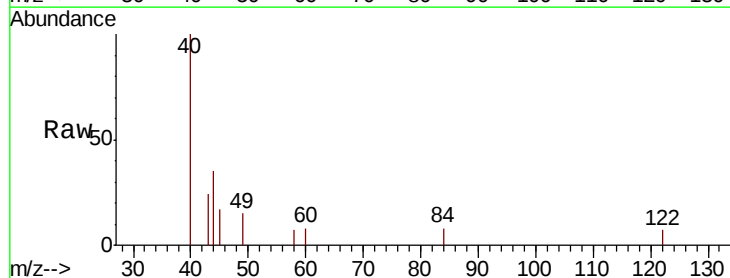


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

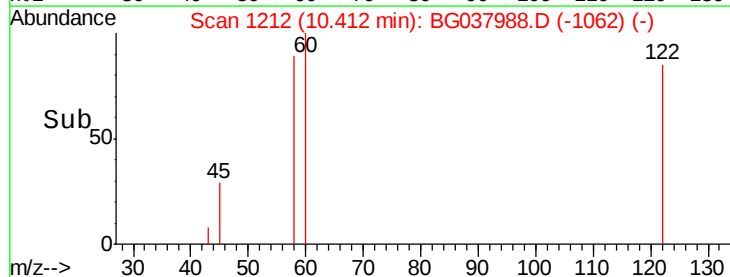
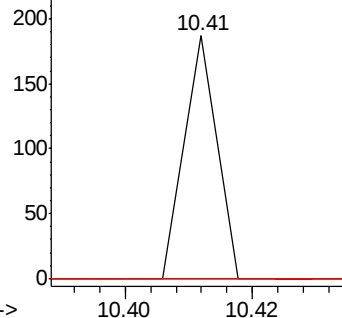


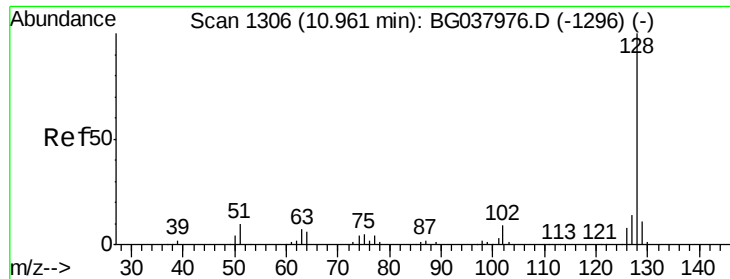
#27
2,4-Dimethylphenol
Concen: 0.023 ng
RT: 10.41 min Scan# 1212
Delta R.T. 0.35 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Tgt Ion: 122 Resp: 66
Ion Ratio Lower Upper
122 100
107 0.0 94.2 141.2#
121 0.0 47.3 70.9#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC

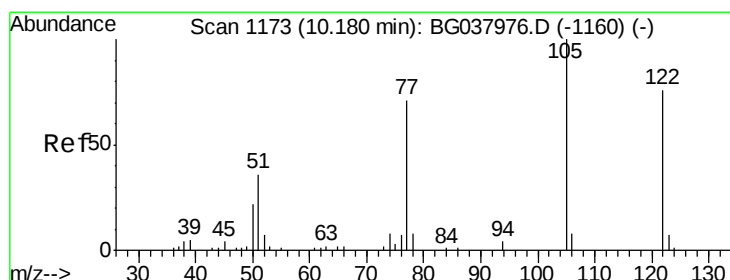
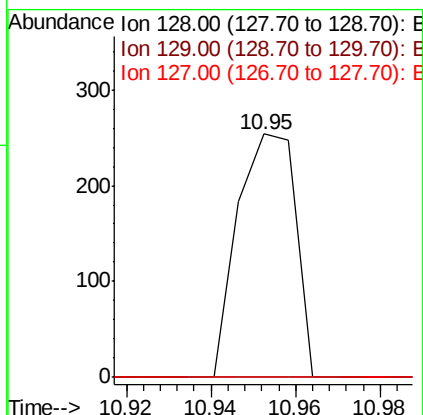
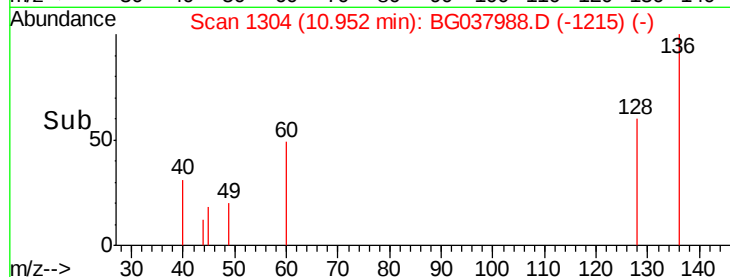
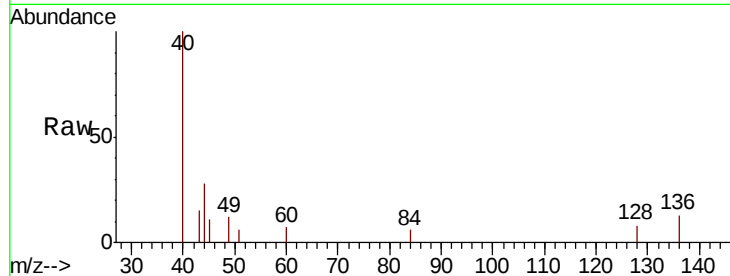




#31
Naphthalene
Concen: 0.025 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

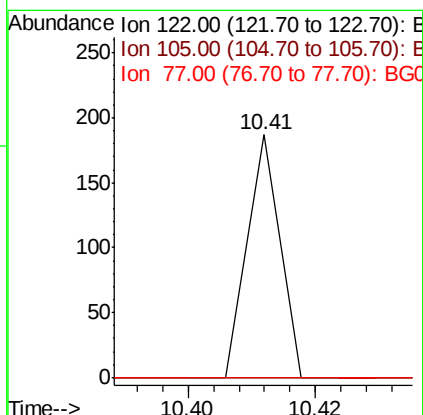
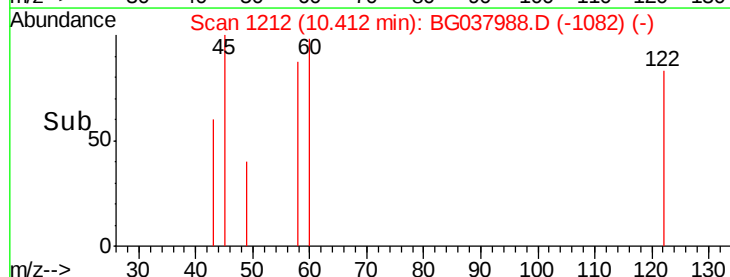
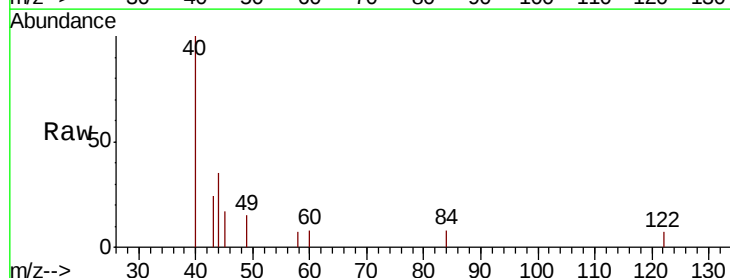
Instrument :
BNA_G
ClientSampleId :
W-4-D

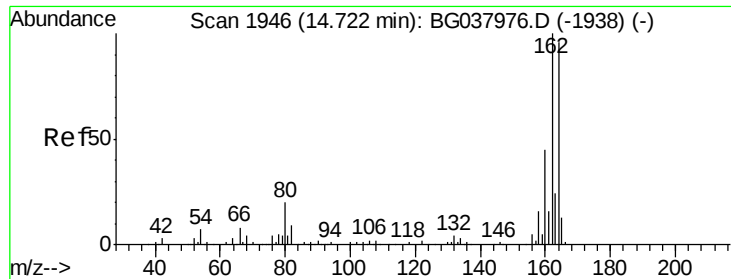
Tgt Ion:128 Resp: 242
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.6#
127 0.0 11.1 16.7#



#32
Benzoic acid
Concen: 12.360 ng
RT: 10.41 min Scan# 1212
Delta R.T. 0.23 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 0.0 106.7 146.7#
77 0.0 72.2 112.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

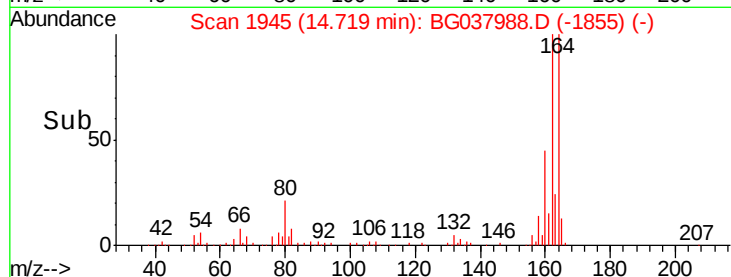
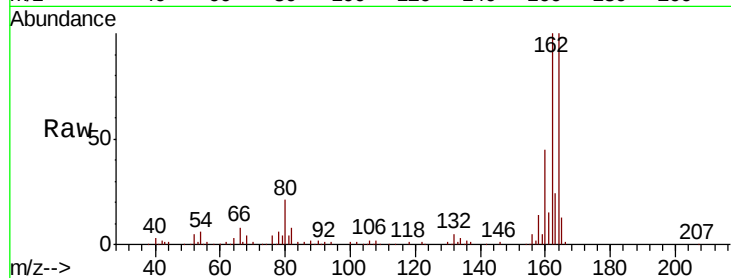
Tgt Ion:164 Resp: 124222

Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

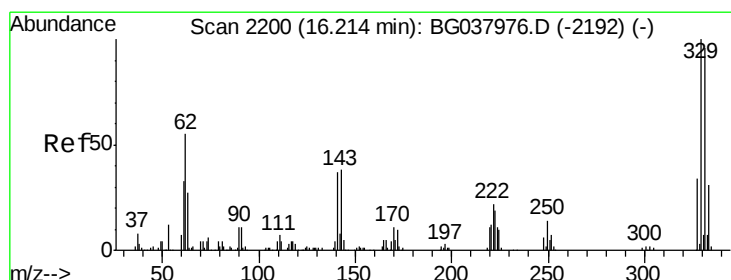
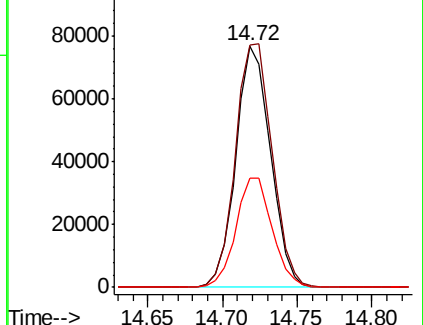
160 45.3 36.3 54.5



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: 117.448 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

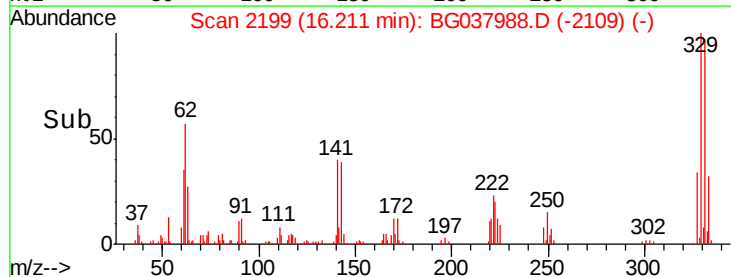
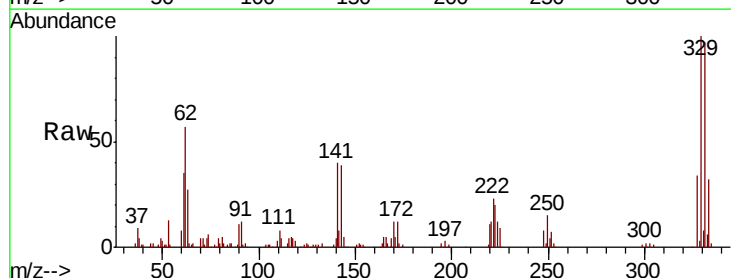
Tgt Ion:330 Resp: 166391

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

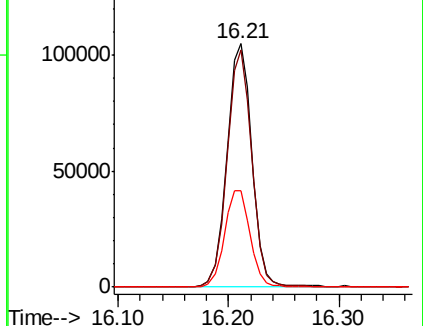
141 40.6 32.2 48.2

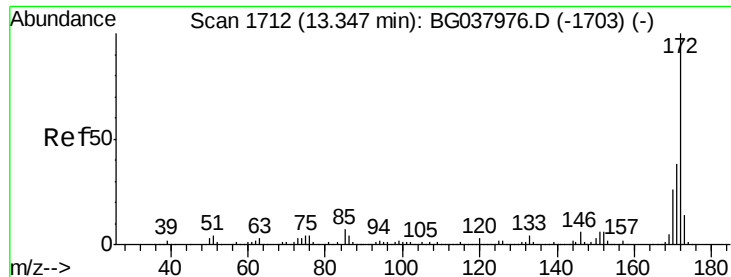


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

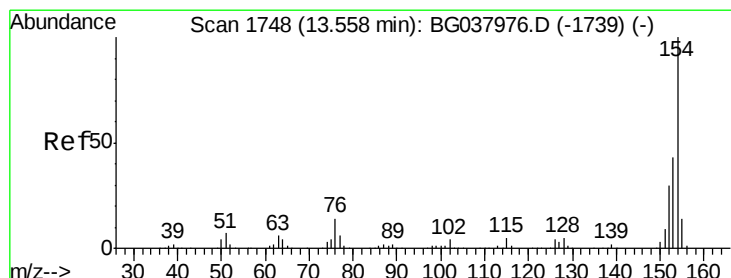
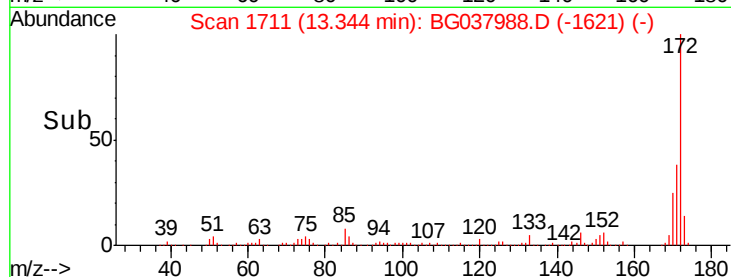
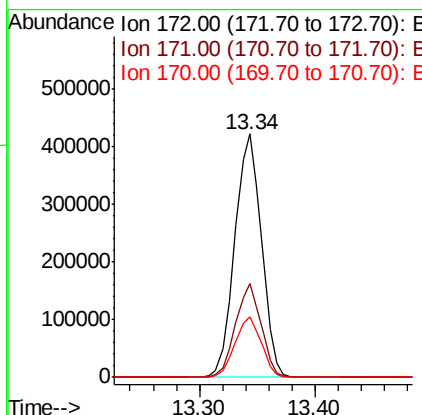
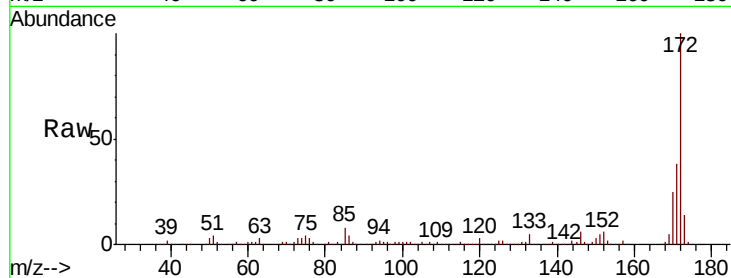




#45
 2-Fluorobiphenyl
 Concen: 79.029 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG037988.D
 Acq: 13 Nov 2018 21:56

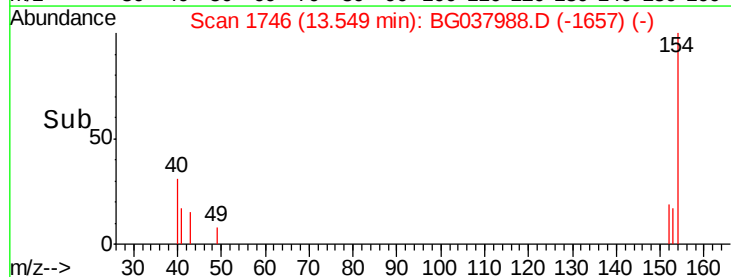
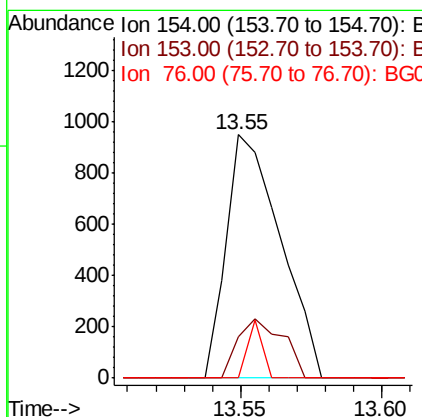
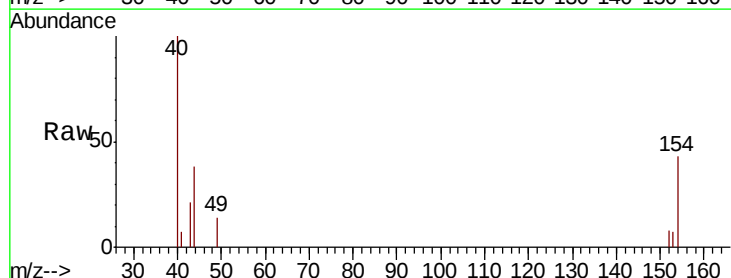
Instrument :
 BNA_G
 ClientSampled :
 W-4-D

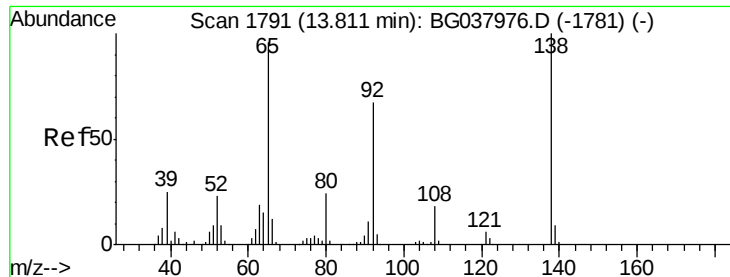
Tgt Ion:172 Resp: 673859
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.0 46.4
 170 24.9 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 0.121 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG037988.D
 Acq: 13 Nov 2018 21:56

Tgt Ion:154 Resp: 1261
 Ion Ratio Lower Upper
 154 100
 153 16.7 22.1 62.1#
 76 0.0 0.0 33.2

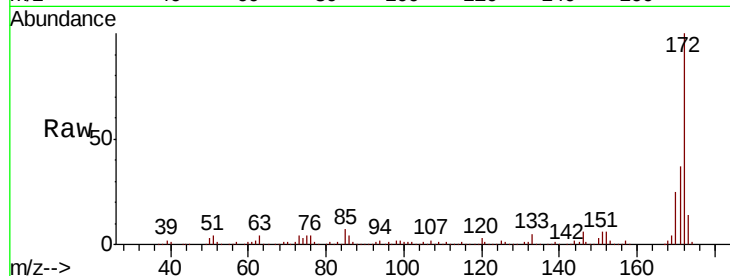




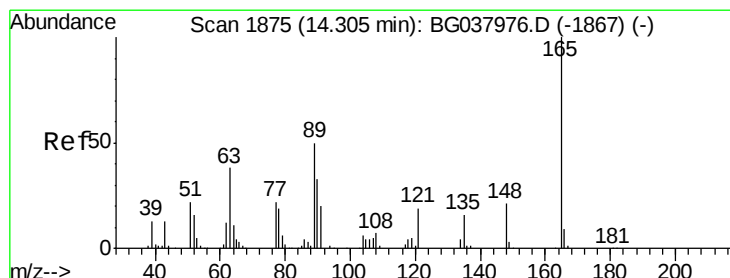
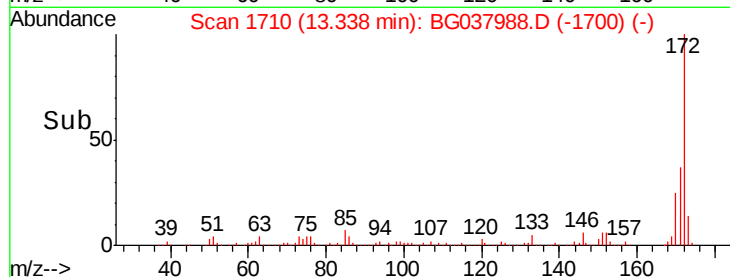
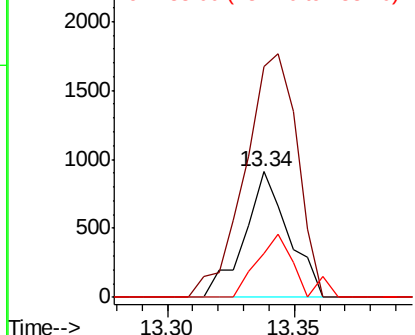
#48
2-Nitroaniline
Concen: 0.440 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.47 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Instrument :
BNA_G
ClientSampled :
W-4-D

Tgt Ion: 65 Resp: 1104
Ion Ratio Lower Upper
65 100
92 183.7 53.2 79.8#
138 34.7 79.3 118.9#

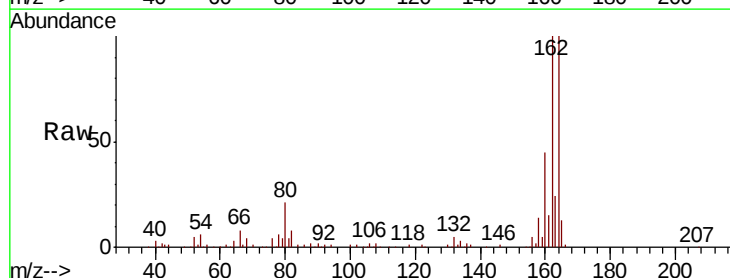


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

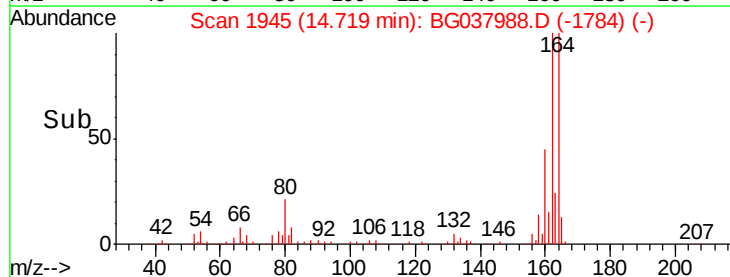
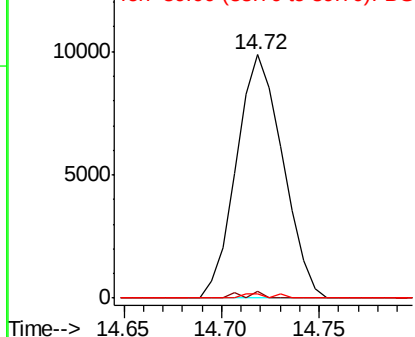


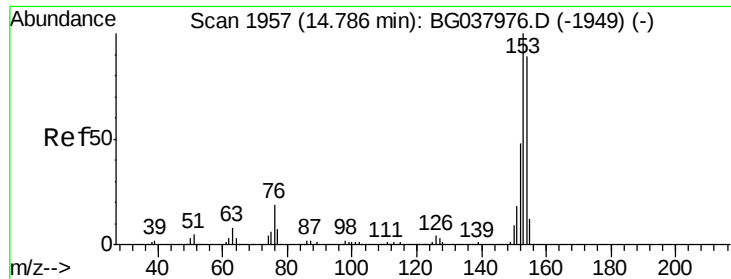
#51
2,6-Dinitrotoluene
Concen: 7.279 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Tgt Ion: 165 Resp: 16223
Ion Ratio Lower Upper
165 100
63 2.7 43.4 65.2#
89 1.7 45.8 68.6#



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





#52

Acenaphthene

Concen: 0.043 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.06 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

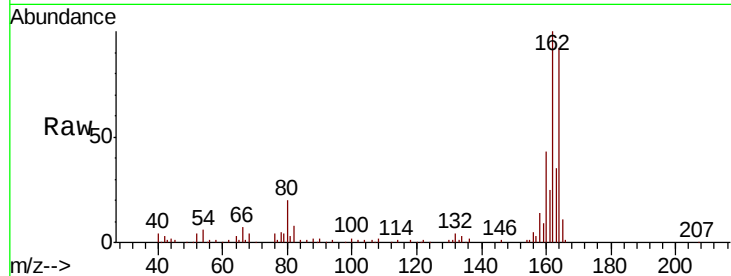
Tgt Ion:154 Resp: 312

Ion Ratio Lower Upper

154 100

153 0.0 93.4 140.0#

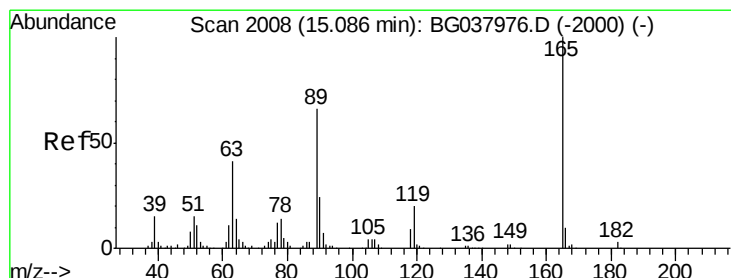
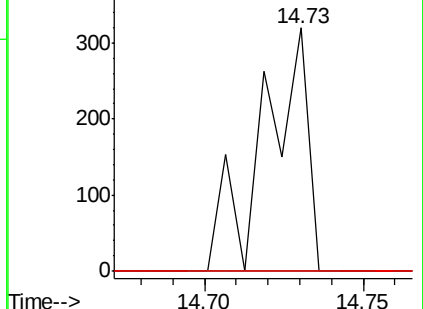
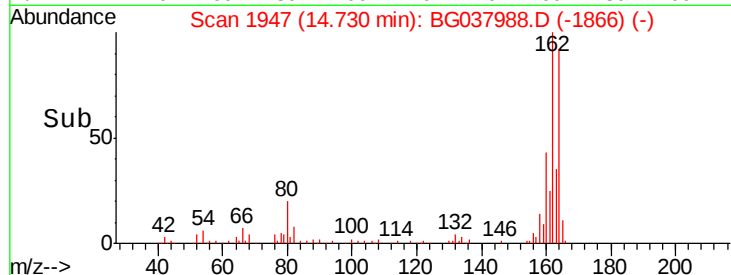
152 0.0 44.7 67.1#



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



#57

2,4-Dinitrotoluene

Concen: 5.350 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Tgt Ion:165 Resp: 16223

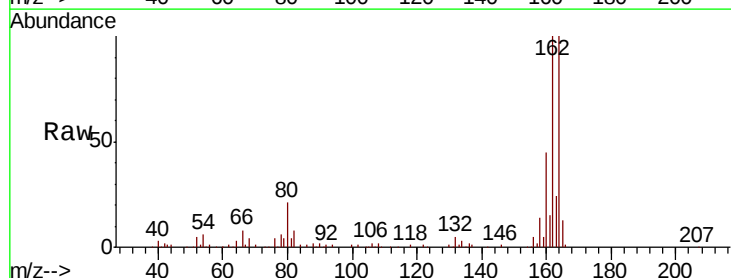
Ion Ratio Lower Upper

165 100

63 2.7 33.4 50.0#

89 1.7 57.2 85.8#

182 0.0 2.6 4.0#

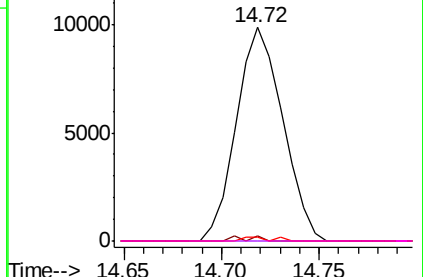
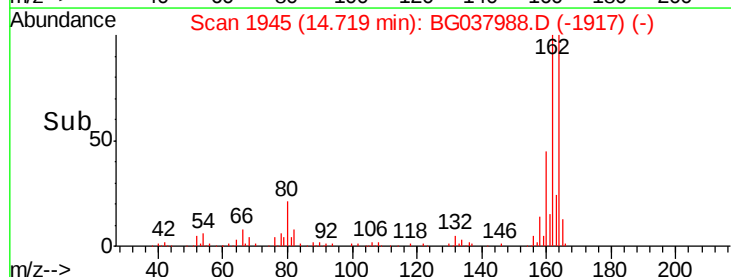


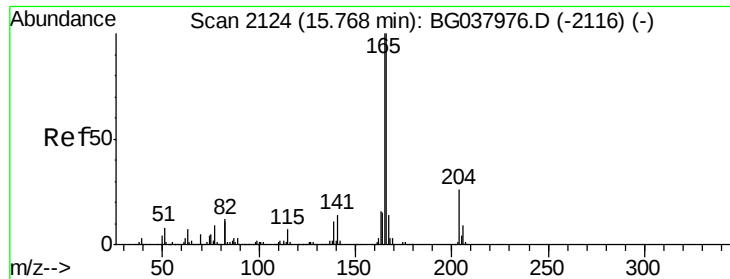
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.950 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.44 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

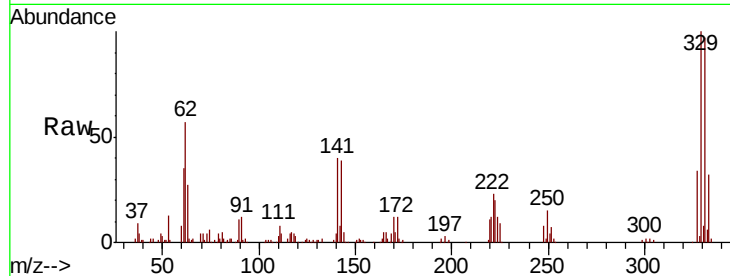
Tgt Ion:166 Resp: 8453

Ion Ratio Lower Upper

166 100

165 67.6 79.0 118.6#

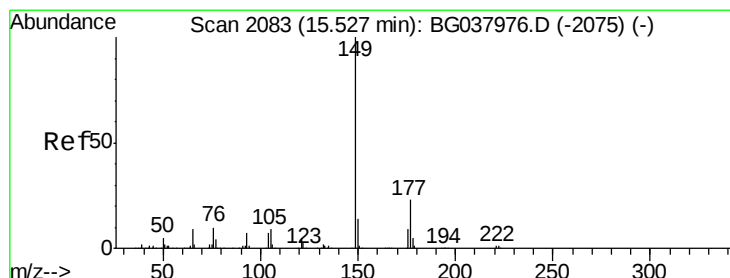
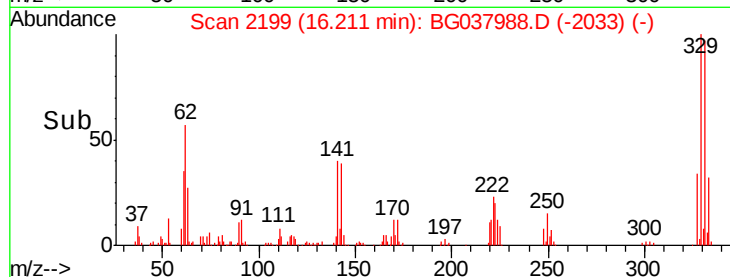
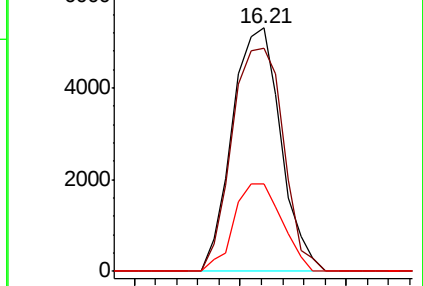
167 26.3 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.007 ng

RT: 15.52 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

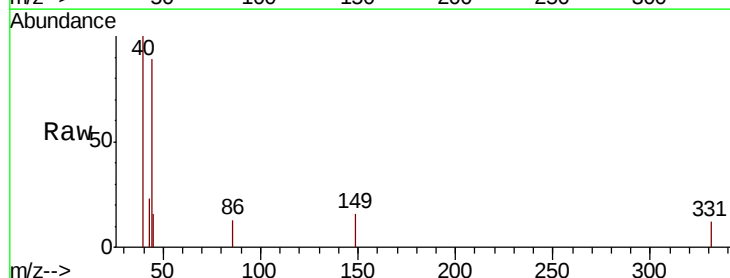
Tgt Ion:149 Resp: 76

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

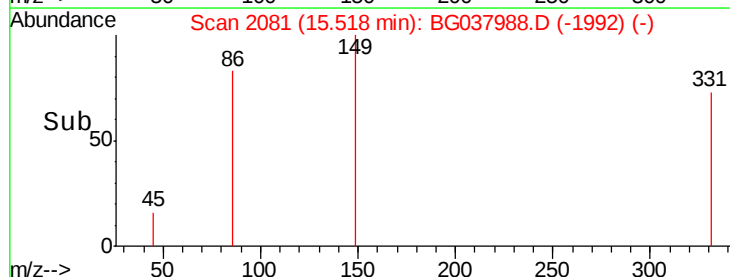
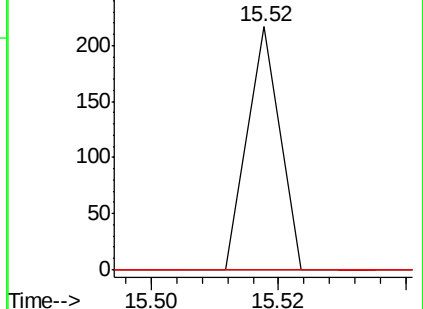
150 0.0 10.0 15.0#

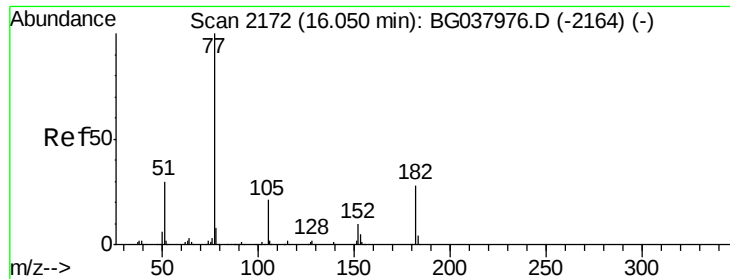


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.093 ng

RT: 16.21 min Scan# 2198

Delta R.T. 0.16 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

Tgt Ion: 77 Resp: 872

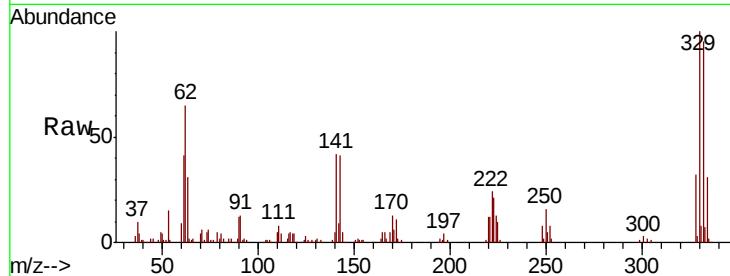
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 99.7 1.3 41.3#

51 111.1 10.7 50.7#

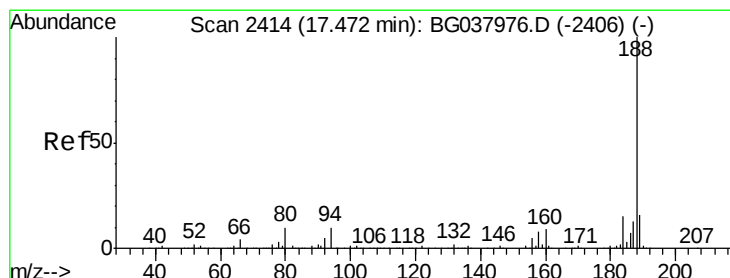
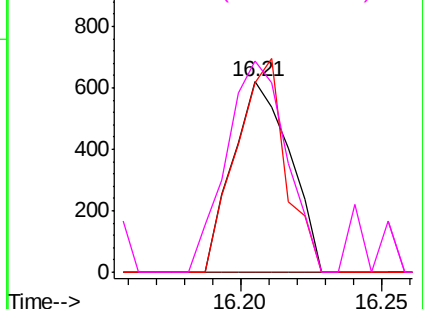
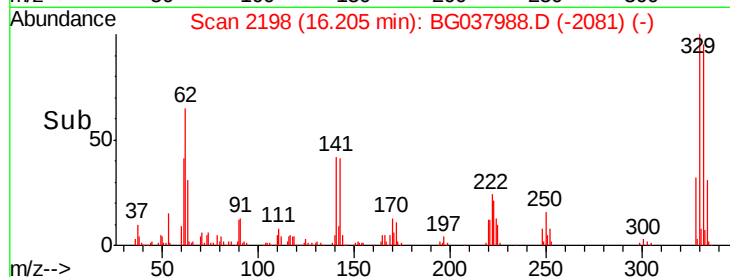


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

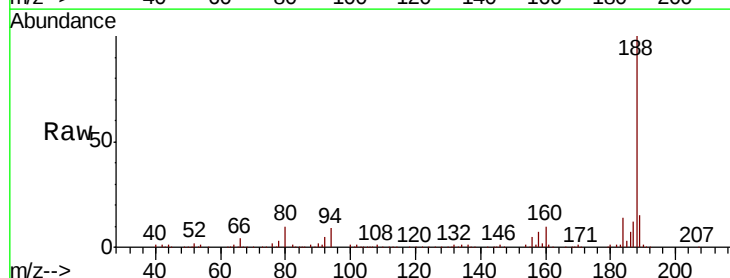
Tgt Ion: 188 Resp: 304219

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

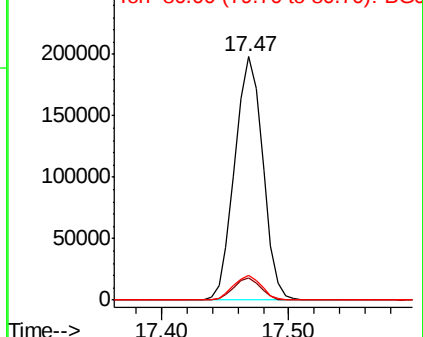
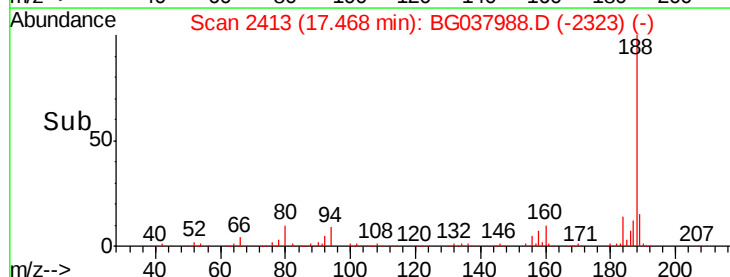
80 10.1 7.7 11.5

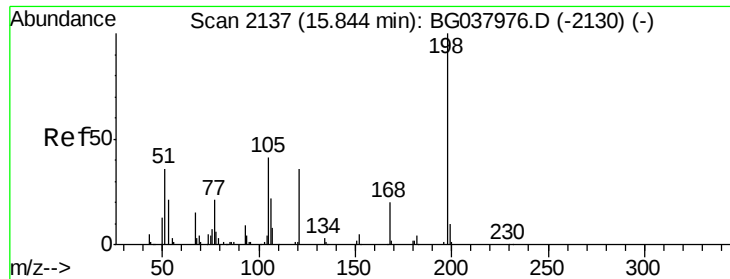


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 0.253 ng

RT: 16.20 min Scan# 2197

Delta R.T. 0.36 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampled :

W-4-D

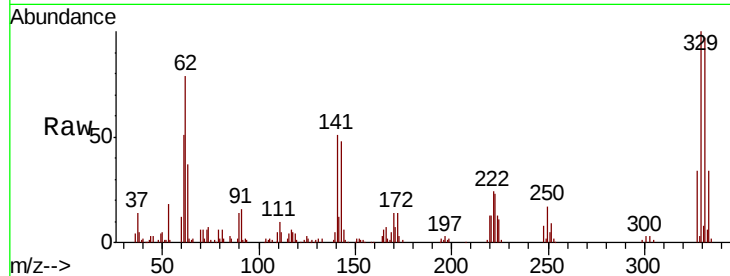
Tgt Ion:198 Resp: 486

Ion Ratio Lower Upper

198 100

51 39.7 22.7 62.7

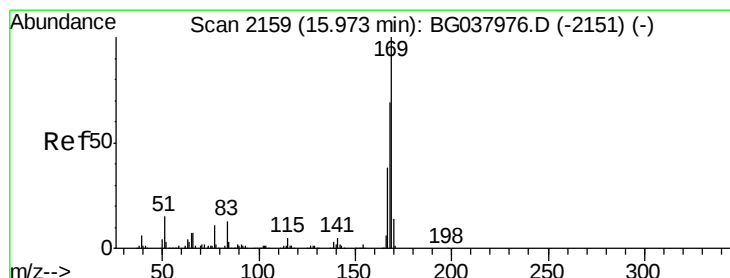
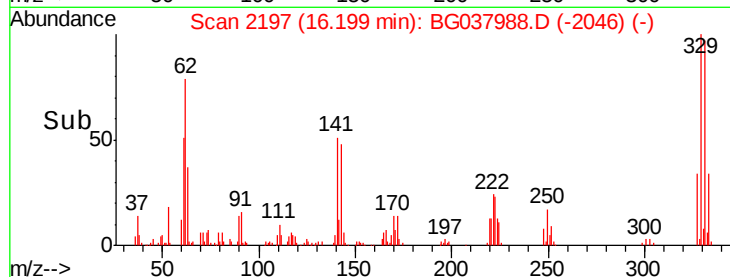
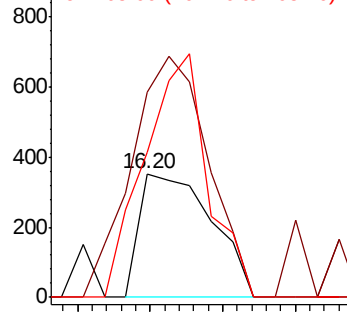
105 28.2 19.7 59.7



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: 0.766 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.24 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

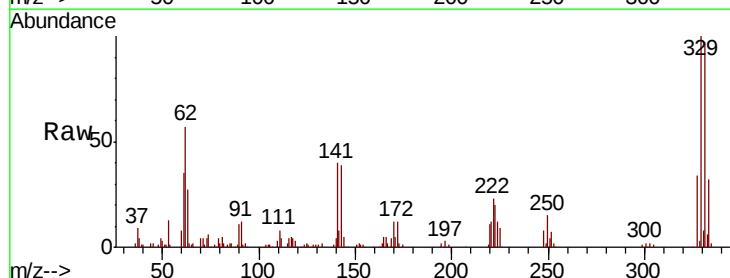
Tgt Ion:169 Resp: 7046

Ion Ratio Lower Upper

169 100

168 6.1 55.7 83.5#

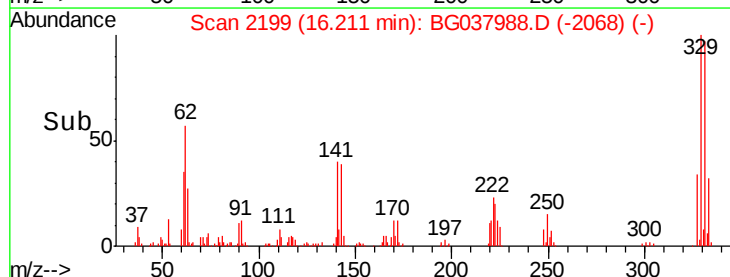
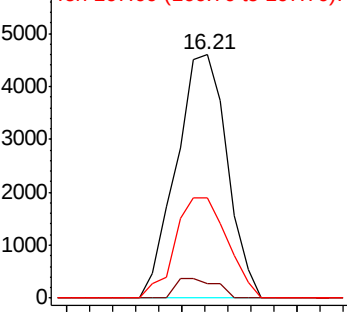
167 41.1 31.3 46.9

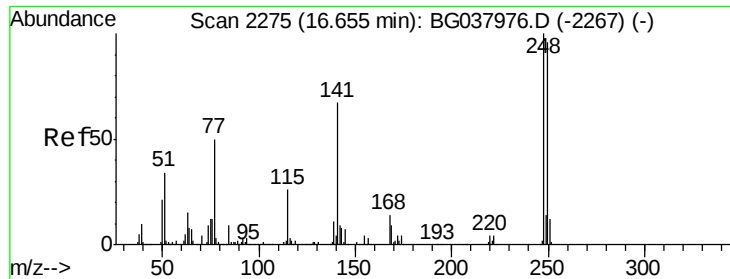


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

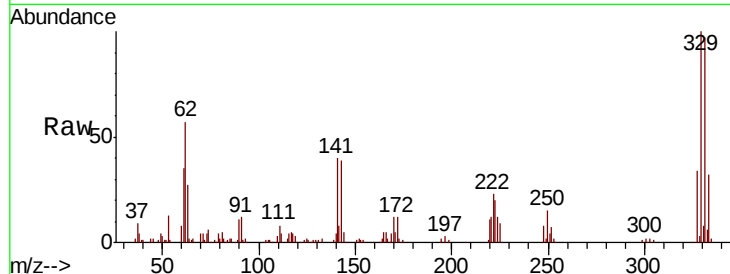




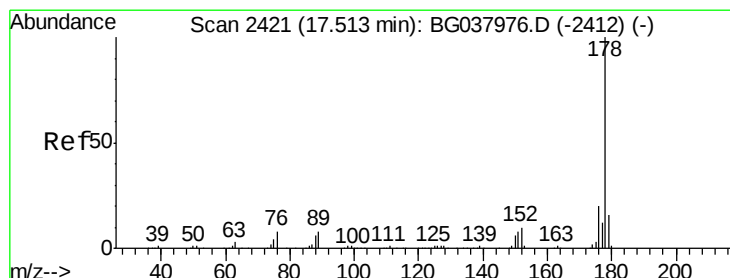
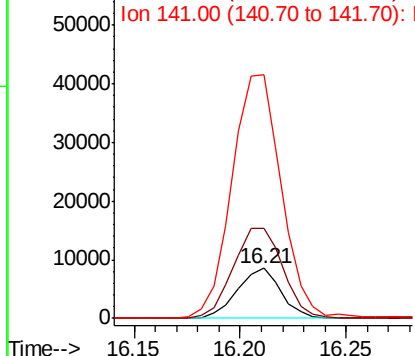
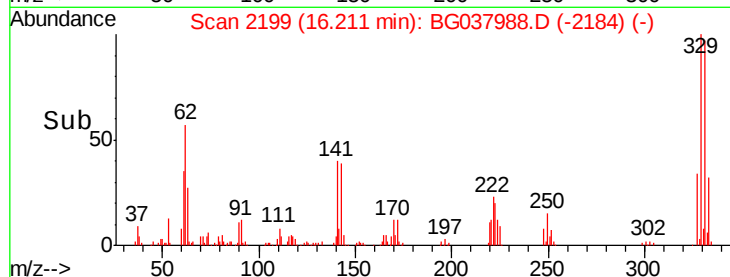
#67
 4-Bromophenyl-phenylether
 Concen: 3.646 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG037988.D
 Acq: 13 Nov 2018 21:56

Instrument :
 BNA_G
 ClientSampleId :
 W-4-D

Tgt Ion: 248 Resp: 12173
 Ion Ratio Lower Upper
 248 100
 250 179.2 77.0 115.6#
 141 377.8 55.5 83.3#

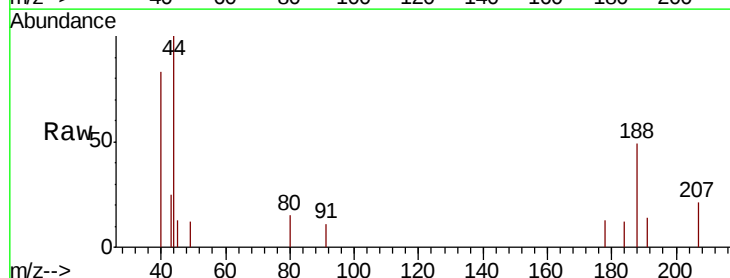


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

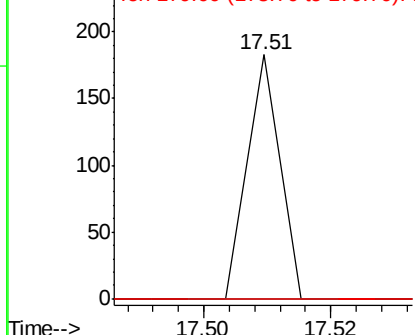
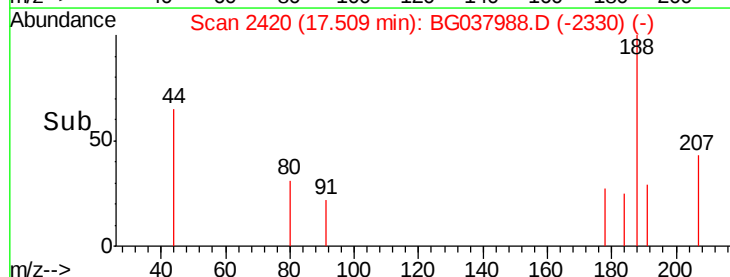


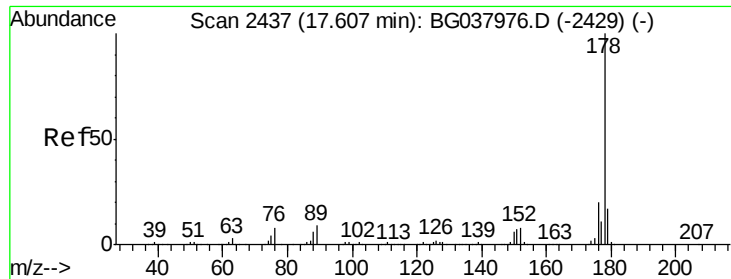
#71
 Phenanthrene
 Concen: 0.004 ng
 RT: 17.51 min Scan# 2420
 Delta R.T. -0.00 min
 Lab File: BG037988.D
 Acq: 13 Nov 2018 21:56

Tgt Ion: 178 Resp: 65
 Ion Ratio Lower Upper
 178 100
 176 0.0 16.1 24.1#
 179 0.0 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: 0.004 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.10 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

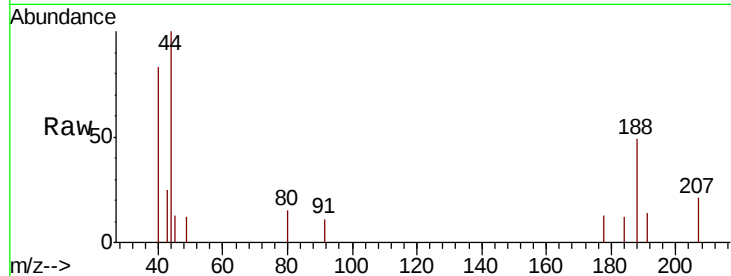
Tgt Ion:178 Resp: 65

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

179 0.0 12.8 19.2#

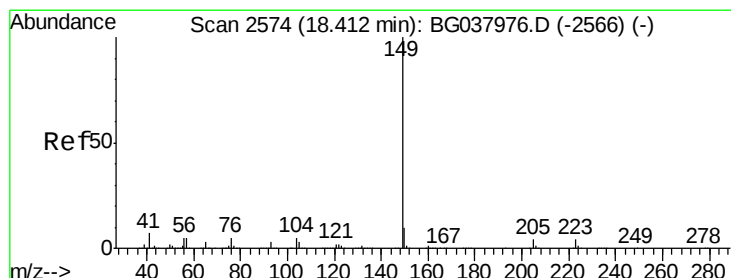
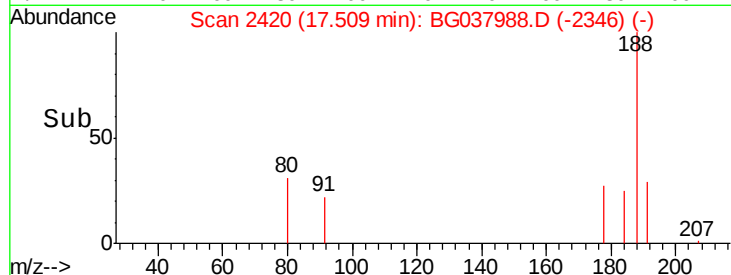
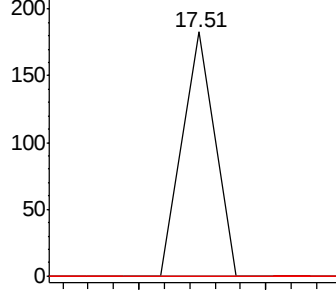


Abundance

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: 0.059 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

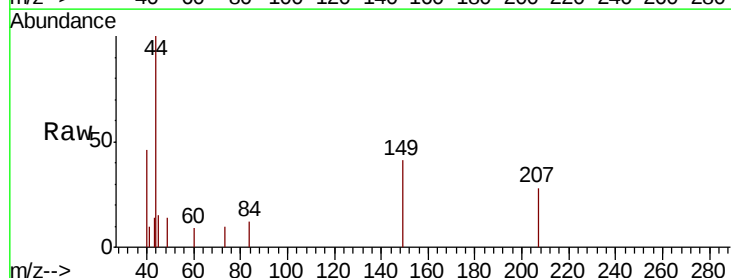
Tgt Ion:149 Resp: 1016

Ion Ratio Lower Upper

149 100

150 0.0 8.2 12.2#

104 0.0 4.0 6.0#

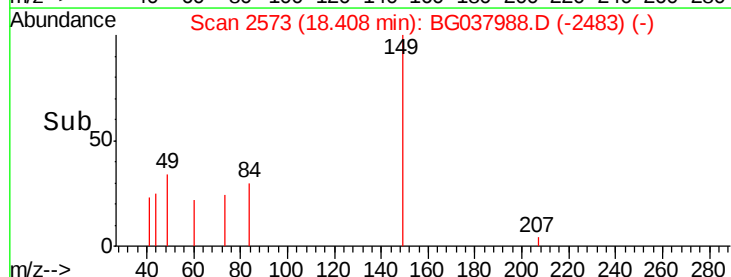
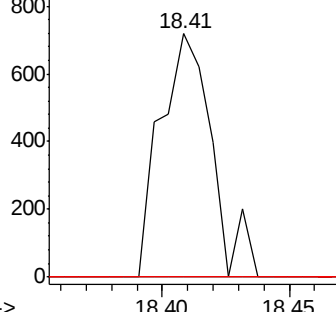


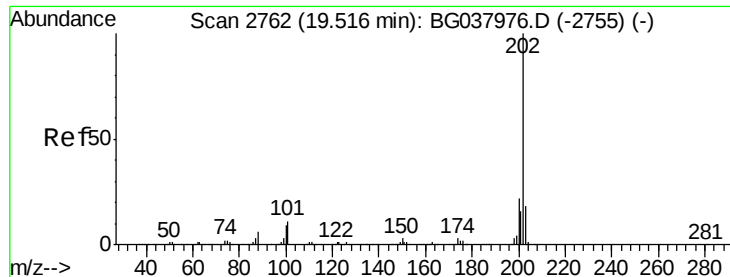
Abundance

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: 0.006 ng

RT: 19.89 min Scan# 2825

Delta R.T. 0.37 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

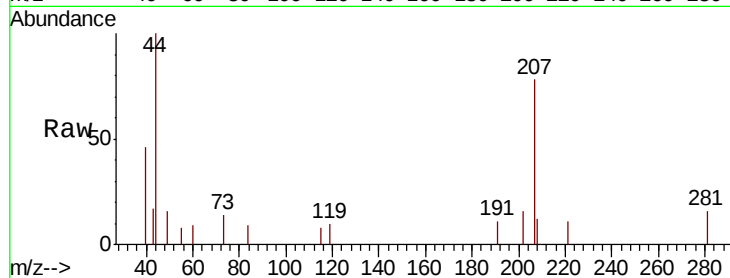
Tgt Ion:202 Resp: 111

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

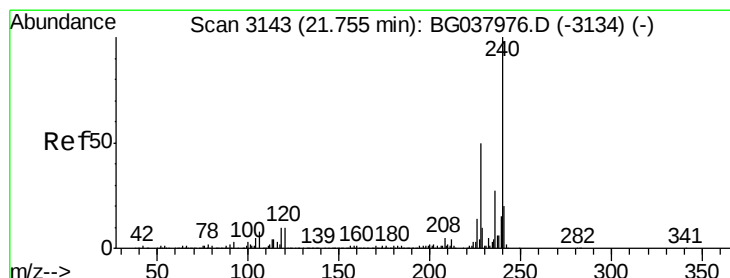
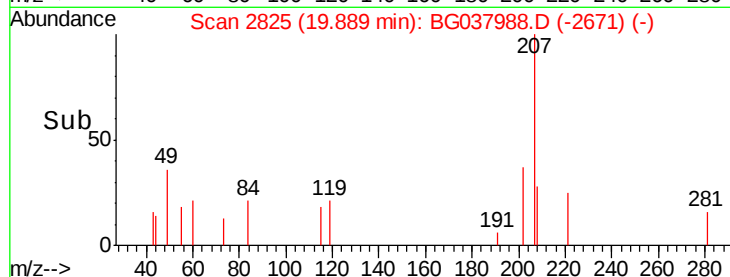
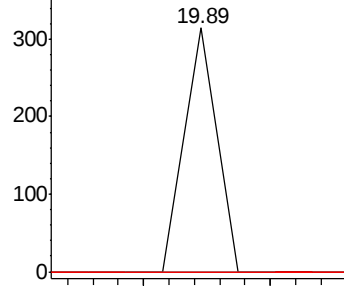
203 0.0 0.0 38.5



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. -0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

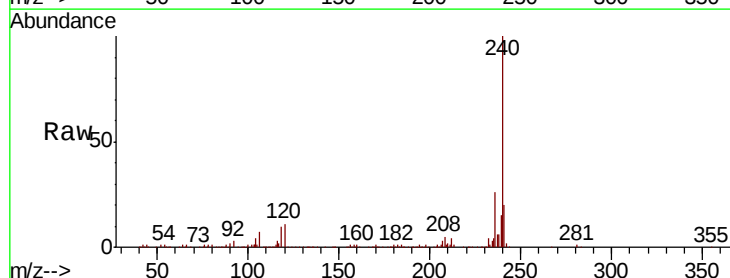
Tgt Ion:240 Resp: 298784

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

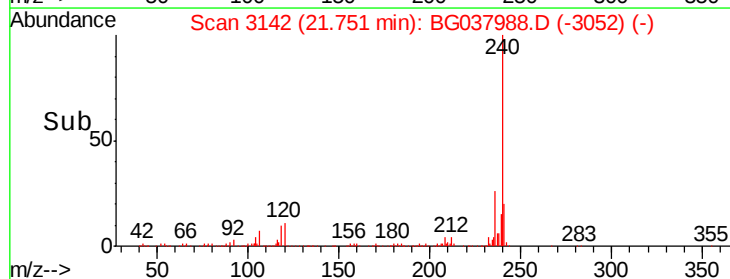
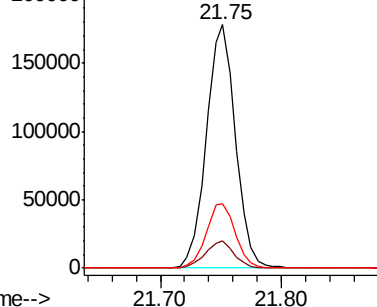
236 26.4 21.4 32.0

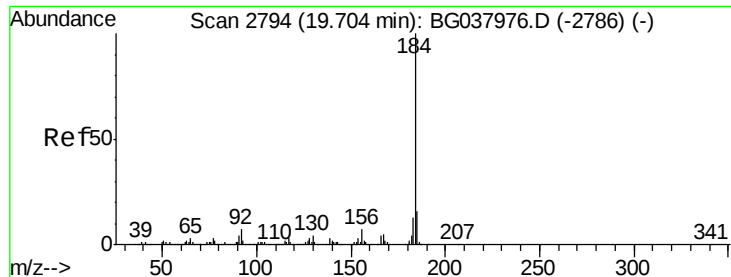


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.760 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.37 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

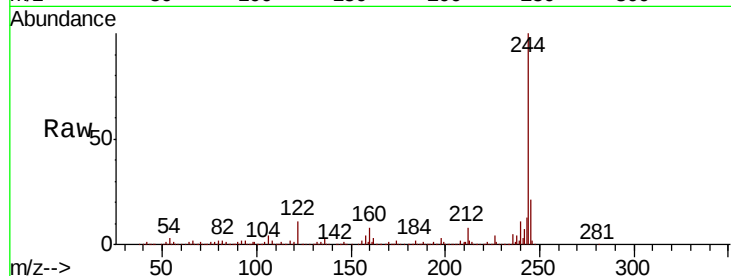
Tgt Ion:184 Resp: 18456

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

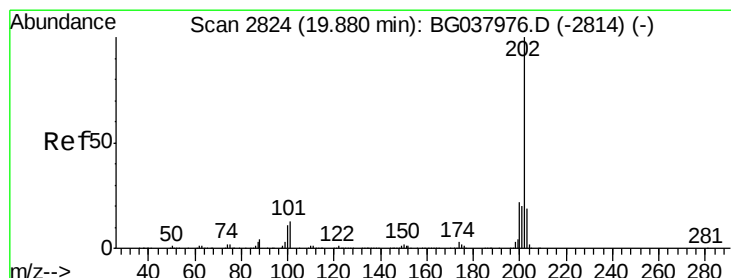
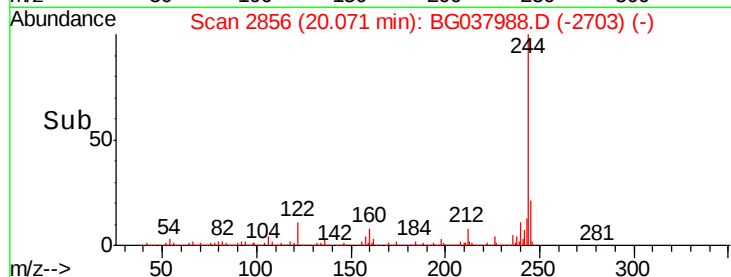
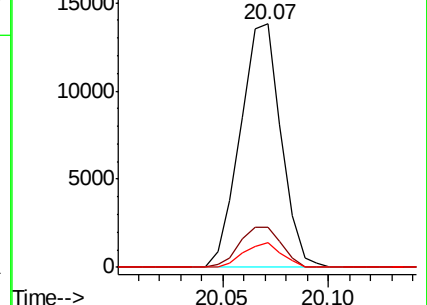
183 10.1 10.2 15.2#



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: 0.223 ng

RT: 20.07 min Scan# 2855

Delta R.T. 0.18 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

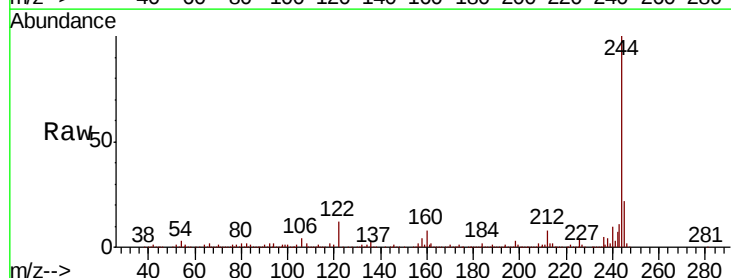
Tgt Ion:202 Resp: 4349

Ion Ratio Lower Upper

202 100

200 31.8 17.8 26.6#

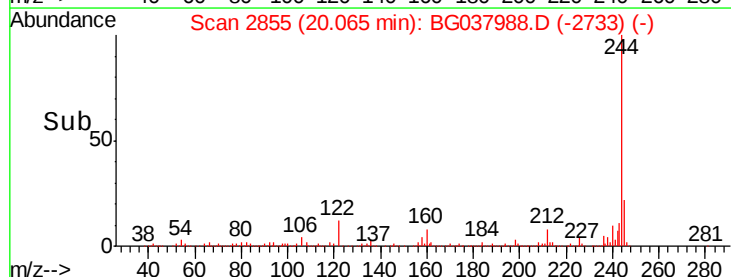
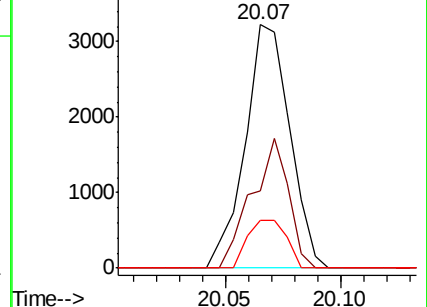
203 19.4 15.2 22.8

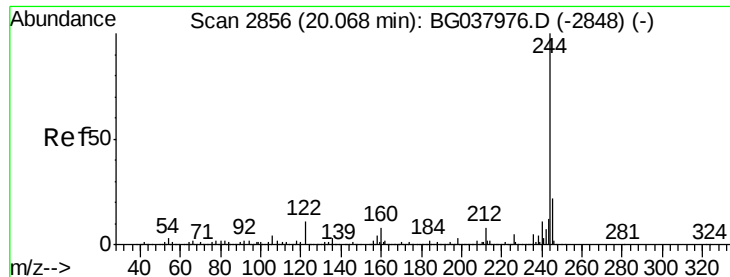


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.909 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampled :

W-4-D

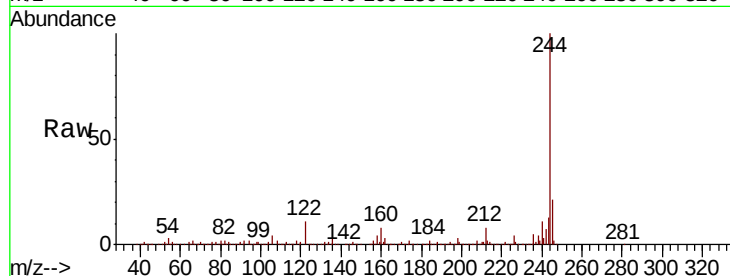
Tgt Ion:244 Resp: 1103568

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

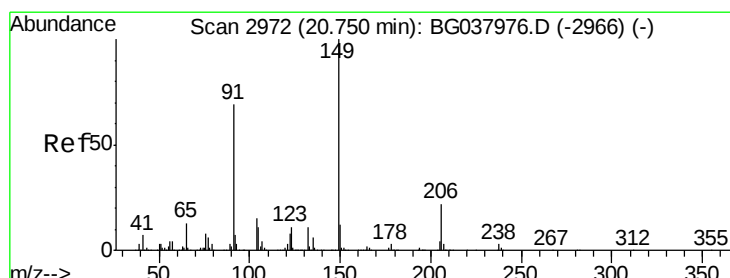
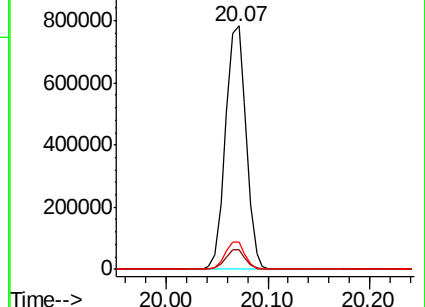
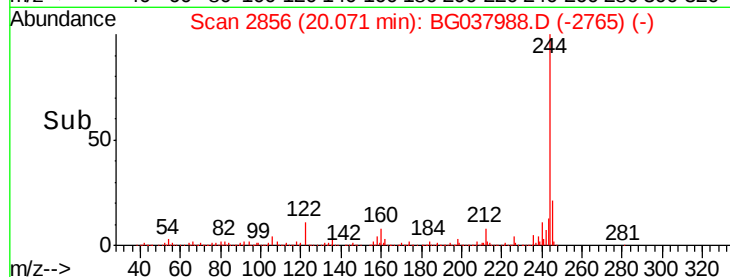
122 11.0 9.0 13.4



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: 0.009 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

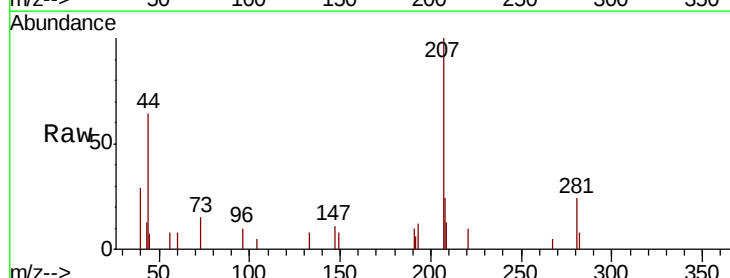
Tgt Ion:149 Resp: 79

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

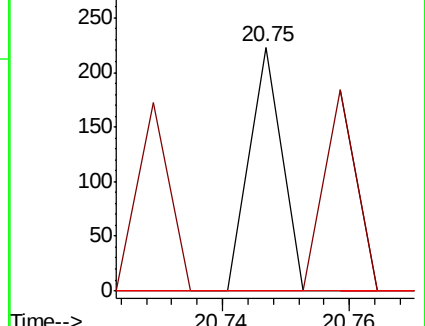
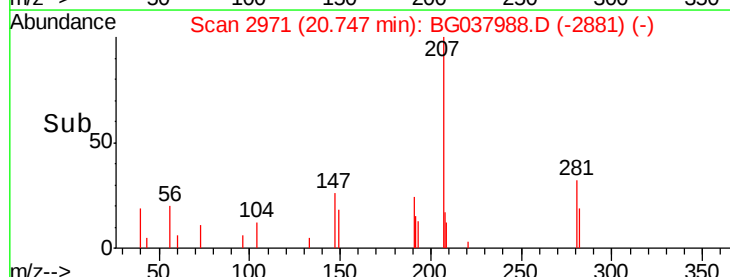
206 0.0 17.8 26.6#

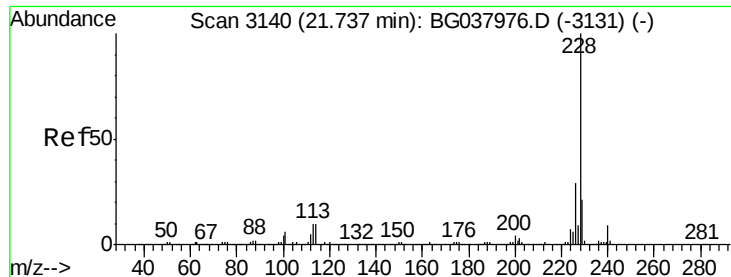


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

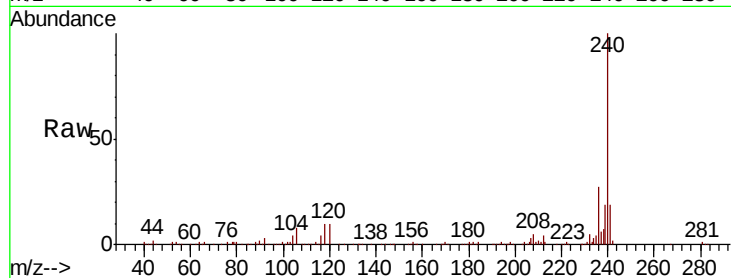




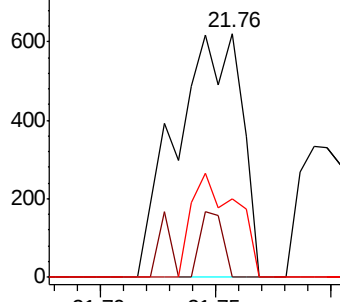
#81
Benzo(a)anthracene
Concen: 0.067 ng
RT: 21.76 min Scan# 3143
Delta R.T. 0.02 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Instrument :
BNA_G
ClientSampleId :
W-4-D

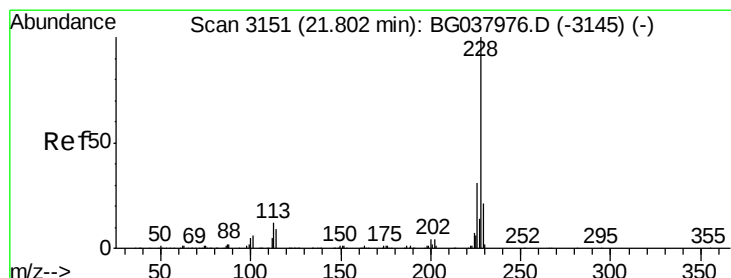
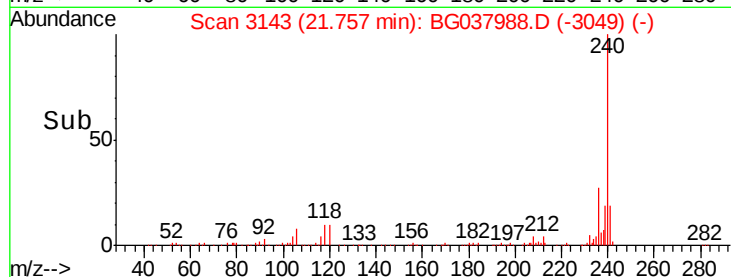
Tgt Ion: 228 Resp: 1217
Ion Ratio Lower Upper
228 100
226 0.0 22.6 33.8#
229 32.4 16.3 24.5#



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

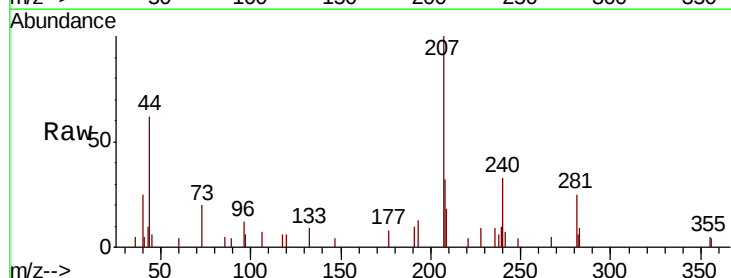


Time-->

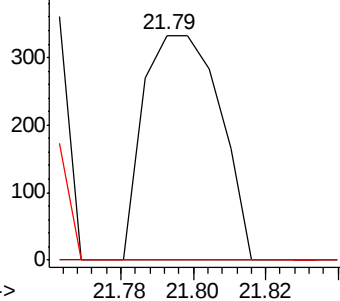


#83
Chrysene
Concen: 0.028 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

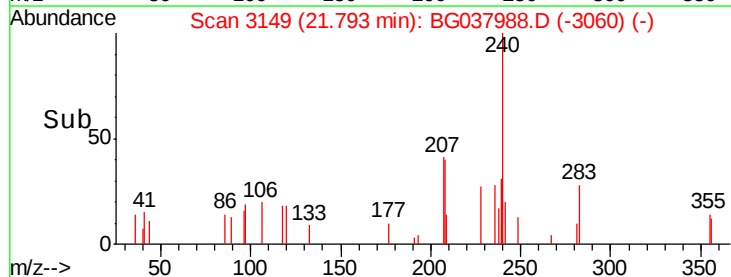
Tgt Ion: 228 Resp: 488
Ion Ratio Lower Upper
228 100
226 0.0 25.7 38.5#
229 0.0 16.5 24.7#

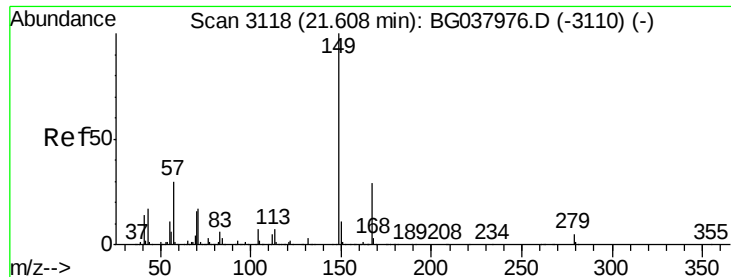


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.091 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampleId :

W-4-D

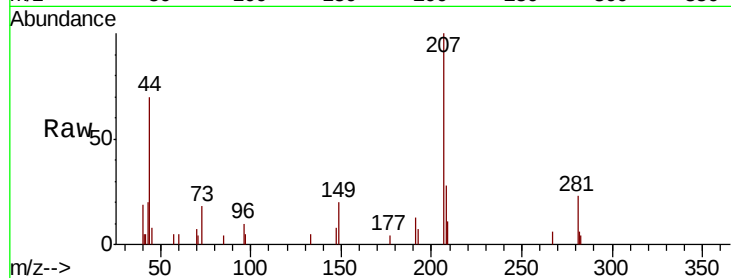
Tgt Ion:149 Resp: 1114

Ion Ratio Lower Upper

149 100

167 0.0 23.0 34.4#

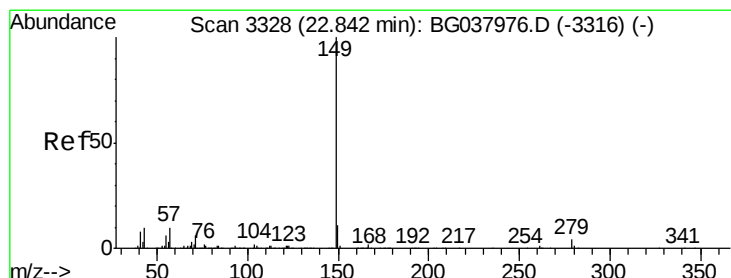
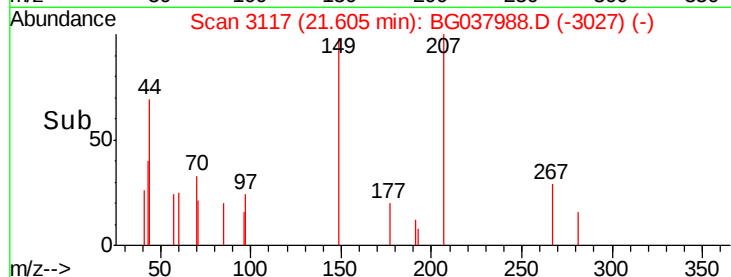
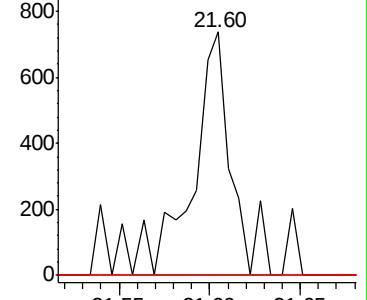
279 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.004 ng

RT: 22.84 min Scan# 3328

Delta R.T. 0.00 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

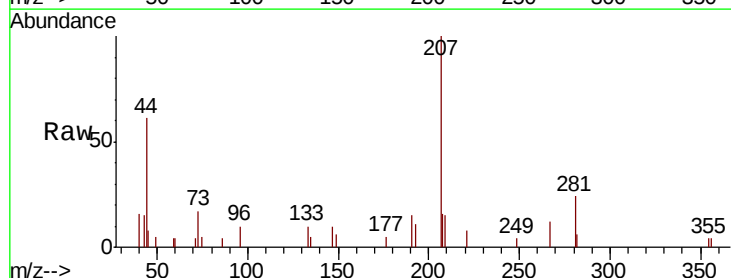
Tgt Ion:149 Resp: 84

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

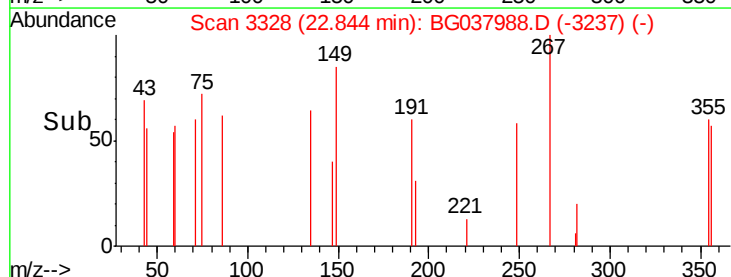
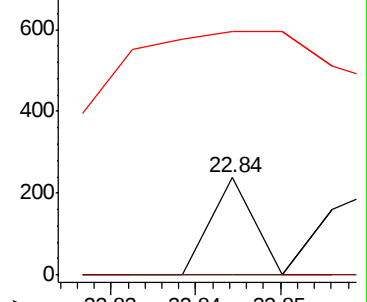
43 852.4 8.7 13.1#

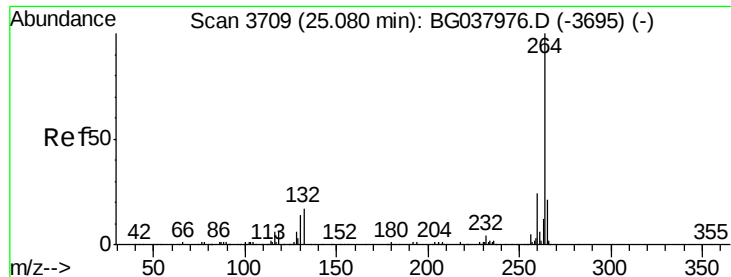


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

Instrument :

BNA_G

ClientSampled :

W-4-D

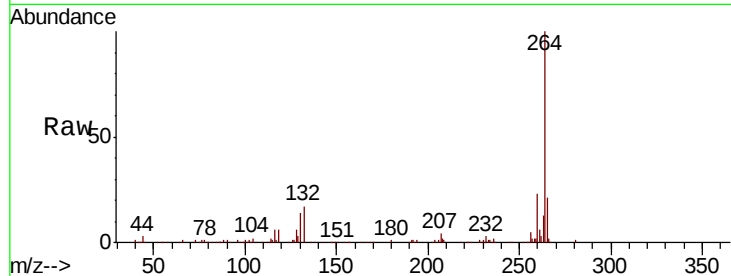
Tgt Ion:264 Resp: 305544

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.4

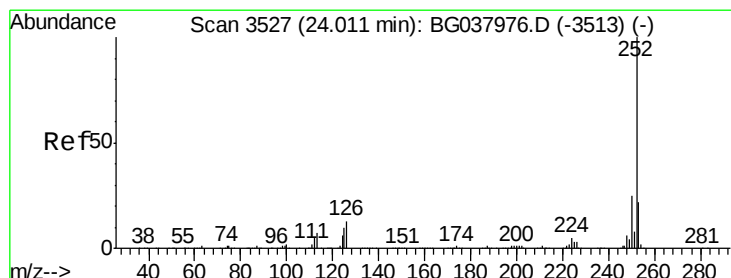
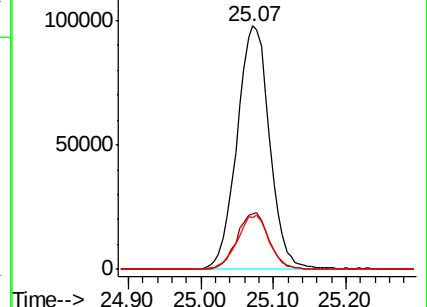
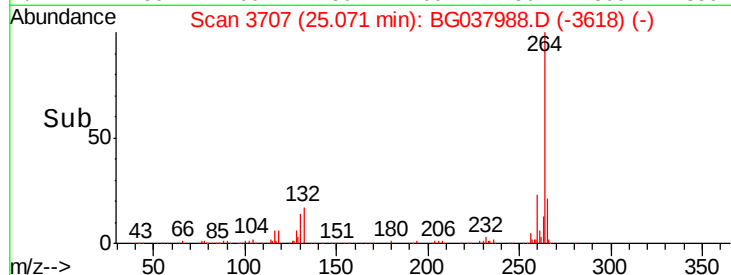
265 21.3 17.9 26.9



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: 0.016 ng

RT: 24.03 min Scan# 3530

Delta R.T. 0.02 min

Lab File: BG037988.D

Acq: 13 Nov 2018 21:56

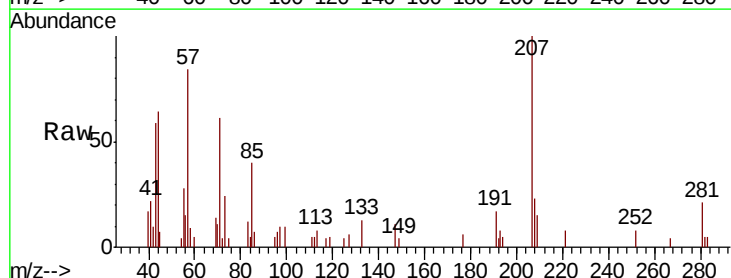
Tgt Ion:252 Resp: 261

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.2#

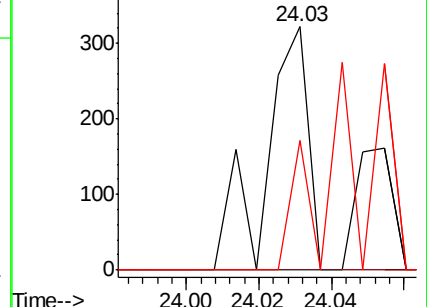
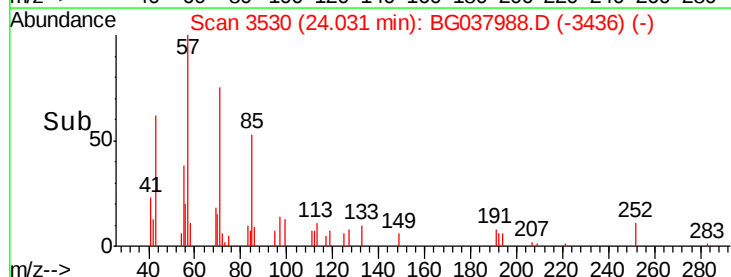
125 53.4 7.8 11.6#

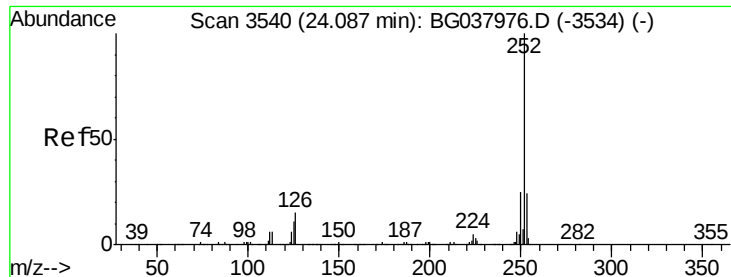


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

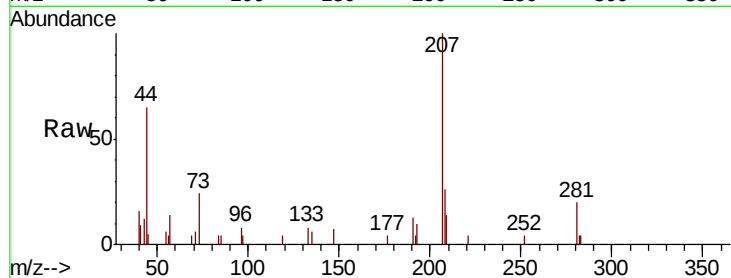




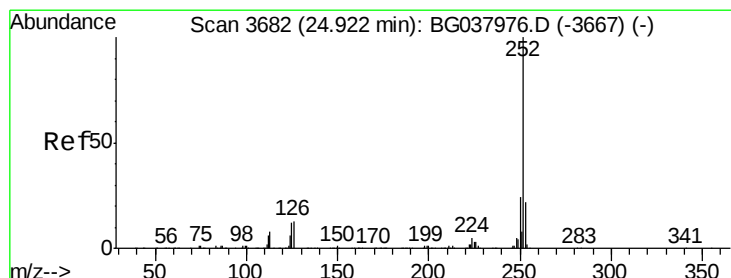
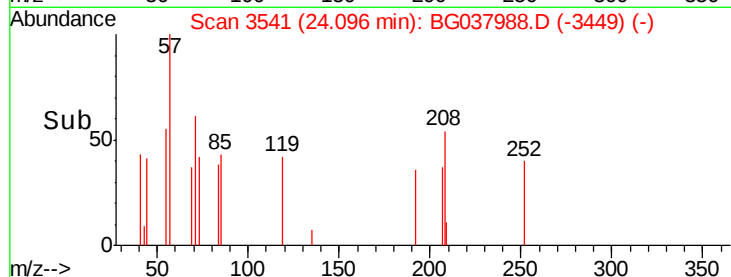
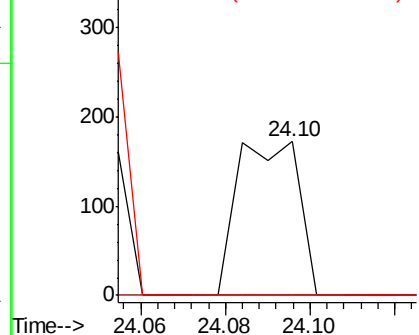
#89
Benzo(k)fluoranthene
Concen: 0.010 ng
RT: 24.10 min Scan# 3541
Delta R.T. 0.01 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Instrument :
BNA_G
ClientSampleId :
W-4-D

Tgt Ion:252 Resp: 174
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.2#
125 0.0 7.4 11.0#

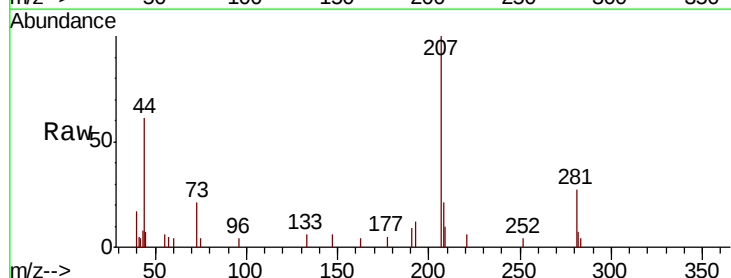


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 0.003 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG037988.D
Acq: 13 Nov 2018 21:56

Tgt Ion:252 Resp: 56
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

