

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037987.D
 Acq On : 13 Nov 2018 21:17
 Operator : JU/SJ
 Sample : J5910-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-4-S

Quant Time: Nov 14 00:14:03 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	46279	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	191855	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	121945	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	297950	20.00	ng	0.00
76) Chrysene-d12	21.75	240	287372	20.00	ng	0.00
87) Perylene-d12	25.07	264	288943	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	301845	112.61	ng	0.00
7) Phenol-d6	7.23	99	386008	100.89	ng	0.00
23) Nitrobenzene-d5	9.26	82	289219	80.70	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	167545	120.47	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	670130	80.06	ng	0.00
79) Terphenyl-d14	20.07	244	1092838	89.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	290	0.229	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	801	0.611	ng	# 1
6) Aniline	7.61	93	534	0.108	ng	# 1
9) Benzaldehyde	7.23	77	464	0.168	ng	# 4
10) Phenol	7.61	94	750	0.185	ng	# 1
11) bis(2-Chloroethyl)ether	7.61	93	534	0.161	ng	# 1
15) Benzyl Alcohol	8.41	79	4223	1.525	ng	# 56
16) 2,2'-oxybis(1-Chloropropan	8.55	45	46	0.007	ng	# 74
19) n-Nitroso-di-n-propylamine	9.26	70	36223	13.084	ng	# 71
22) Acetophenone	8.93	105	56	0.012	ng	# 1
24) Nitrobenzene	9.27	77	898	0.245	ng	# 42
31) Naphthalene	10.96	128	1513	0.160	ng	# 68
33) 4-Chloroaniline	10.95	127	118	0.027	ng	# 32
37) 2-Methylnaphthalene	12.56	142	270	0.040	ng	# 62
38) 1-Methylnaphthalene	12.79	142	336	0.051	ng	# 6
46) 1,1'-Biphenyl	13.56	154	1212	0.118	ng	# 85
48) 2-Nitroaniline	13.35	65	1008	0.410	ng	# 4
49) Acenaphthylene	14.44	152	68	0.006	ng	# 59
51) 2,6-Dinitrotoluene	14.72	165	15484	7.077	ng	# 25
52) Acenaphthene	14.79	154	53	0.007	ng	# 61
57) 2,4-Dinitrotoluene	14.72	165	15484	5.201	ng	# 24
58) Fluorene	16.21	166	8502	0.974	ng	# 85
63) Azobenzene	16.20	77	1112	0.121	ng	# 45
65) 4,6-Dinitro-2-methylphenol	16.21	198	553	0.293	ng	# 1
66) n-Nitrosodiphenylamine	16.21	169	7191	0.798	ng	# 49
67) 4-Bromophenyl-phenylether	16.21	248	12323	3.768	ng	# 1
71) Phenanthrene	17.51	178	582	0.038	ng	# 59
72) Anthracene	17.51	178	582	0.039	ng	# 60
74) Di-n-butylphthalate	18.41	149	640	0.038	ng	# 77
75) Fluoranthene	19.52	202	236	0.014	ng	# 63
77) Benzidine	20.07	184	18508	1.835	ng	# 97
78) Pyrene	19.89	202	163	0.009	ng	# 56
80) Butylbenzylphthalate	20.74	149	83	0.010	ng	# 23
81) Benzo(a)anthracene	21.75	228	1276	0.073	ng	# 68

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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

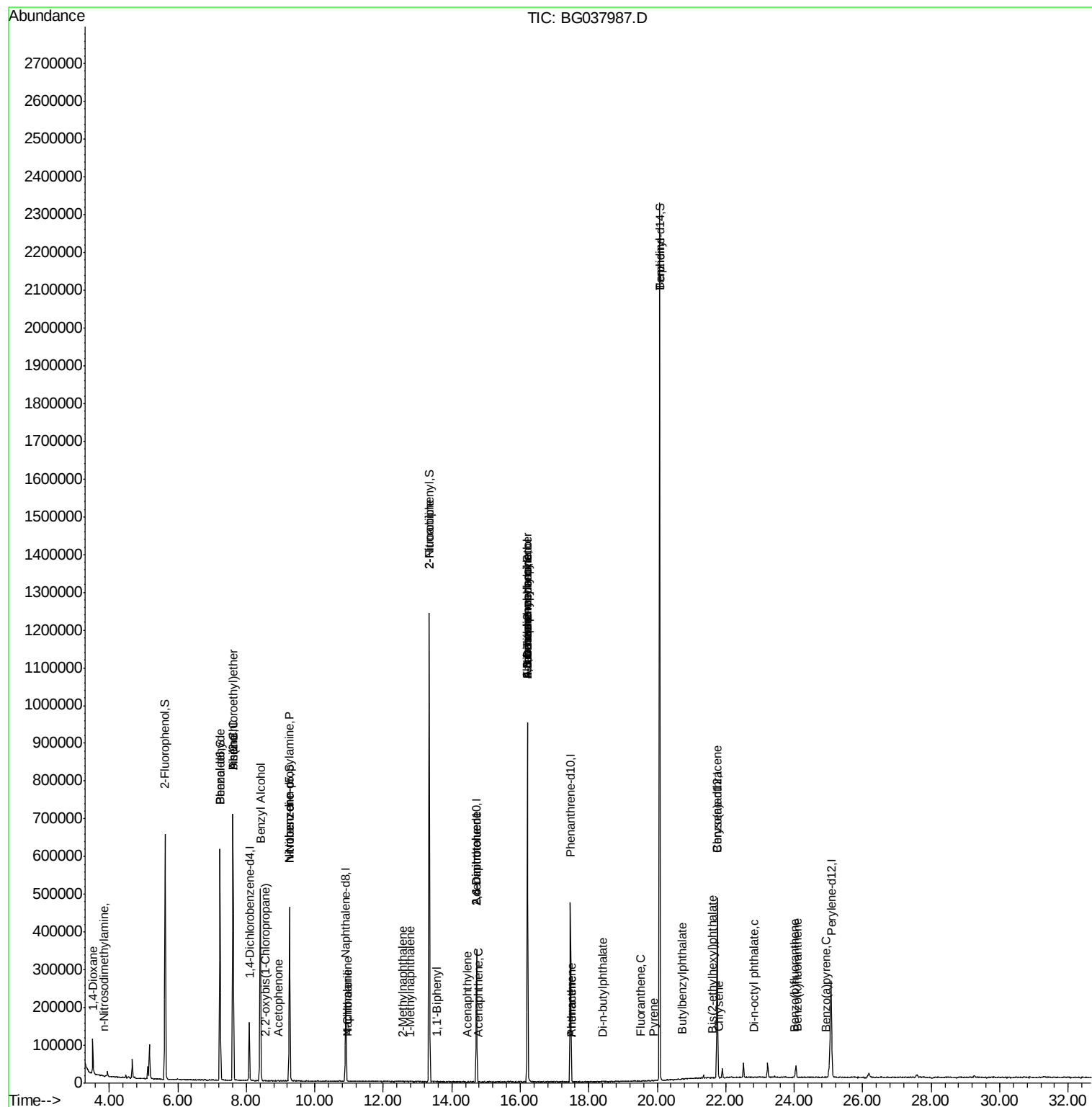
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.80	228	494	0.030	ng	# 56
84) Bis(2-ethylhexyl)phthalate	21.60	149	553	0.047	ng	# 51
85) Di-n-octyl phthalate	22.82	149	63	0.003	ng	# 1
88) Benzo(b)fluoranthene	24.00	252	59	0.004	ng	# 59
89) Benzo(k)fluoranthene	24.09	252	183	0.012	ng	# 60
90) Benzo(a)pyrene	24.92	252	167	0.011	ng	# 60

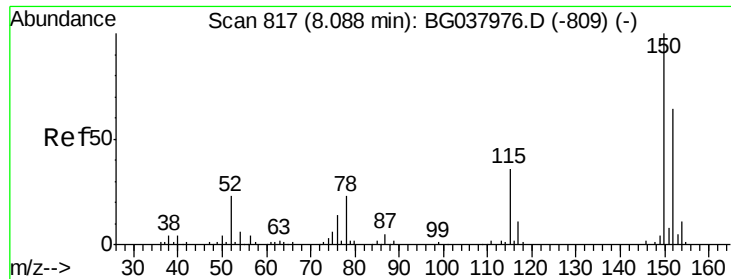
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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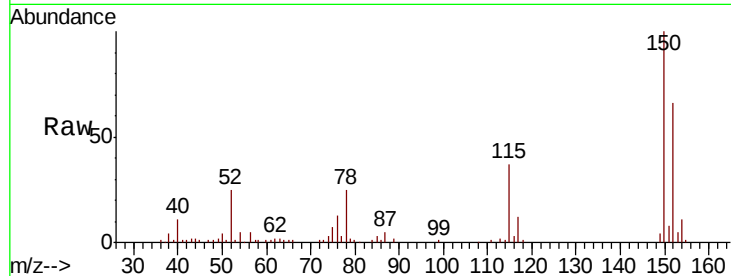


#1

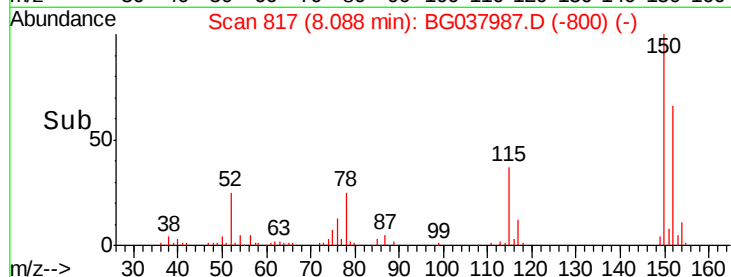
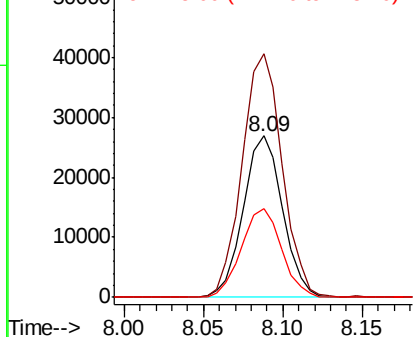
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Instrument :
BNA_G
ClientSampled :
W-4-S

Tgt Ion:152 Resp: 46279
Ion Ratio Lower Upper
152 100
150 151.1 126.0 189.0
115 55.5 45.5 68.3



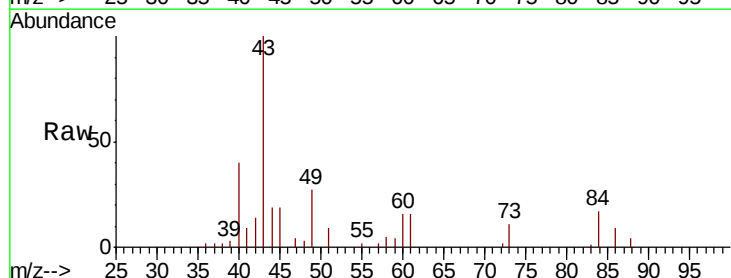
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



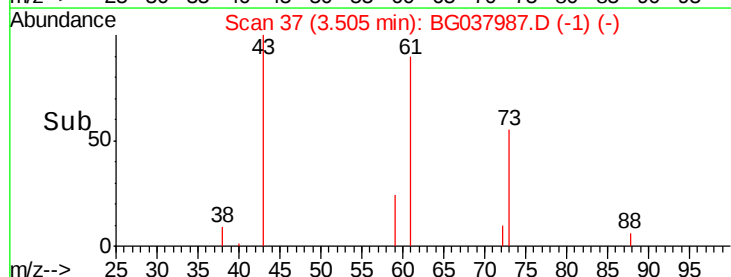
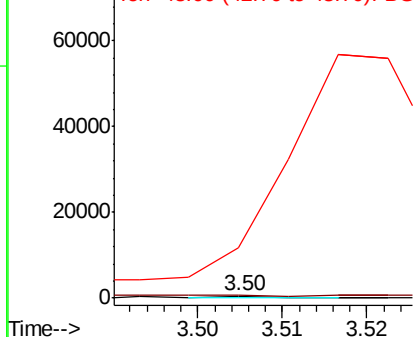
#2

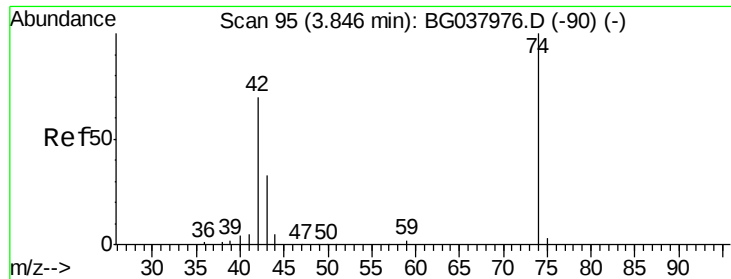
1,4-Dioxane
Concen: 0.229 ng
RT: 3.50 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Tgt Ion: 88 Resp: 290
Ion Ratio Lower Upper
88 100
58 268.6 74.4 111.6#
43 26122.4 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





#4

n-Nitrosodimethylamine

Concen: 0.611 ng

RT: 3.85 min Scan# 96

Delta R.T. 0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

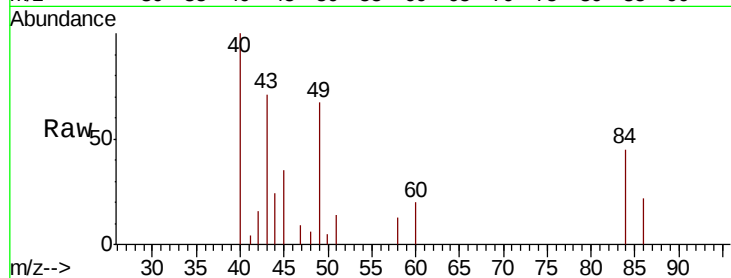
Tgt Ion: 42 Resp: 801

Ion Ratio Lower Upper

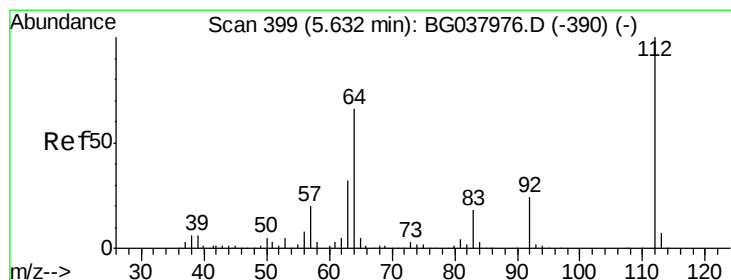
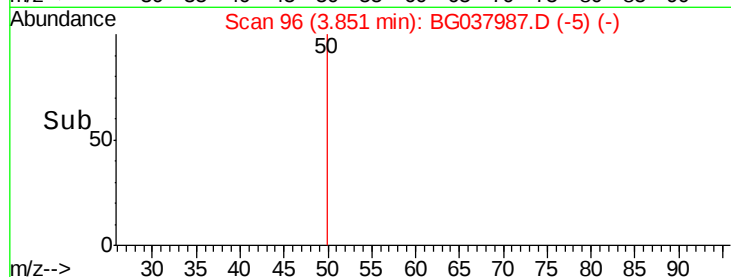
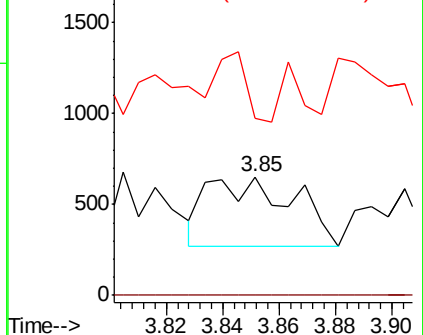
42 100

74 0.0 102.0 153.0#

44 150.0 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: 112.612 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

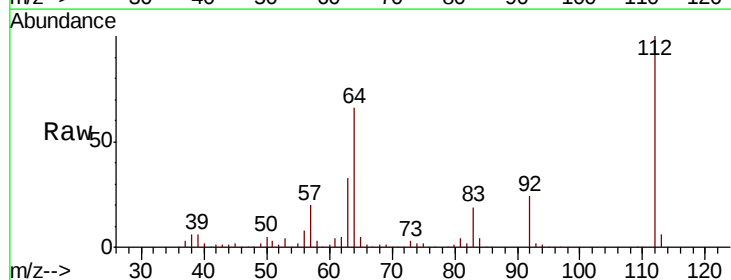
Tgt Ion: 112 Resp: 301845

Ion Ratio Lower Upper

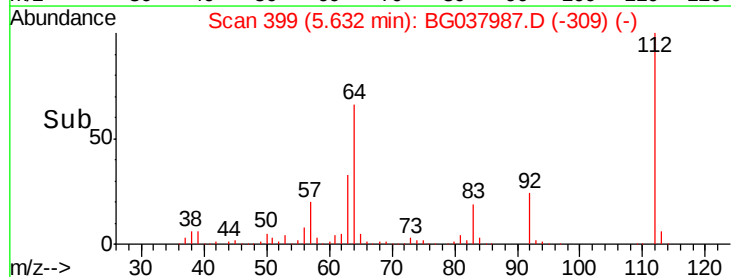
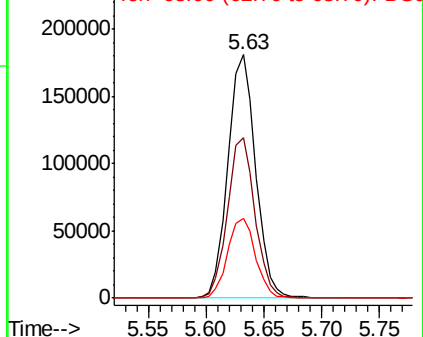
112 100

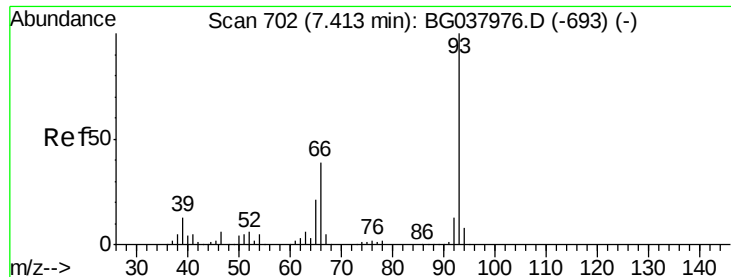
64 66.0 53.1 79.7

63 32.8 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: 0.108 ng

RT: 7.61 min Scan# 735

Delta R.T. 0.19 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

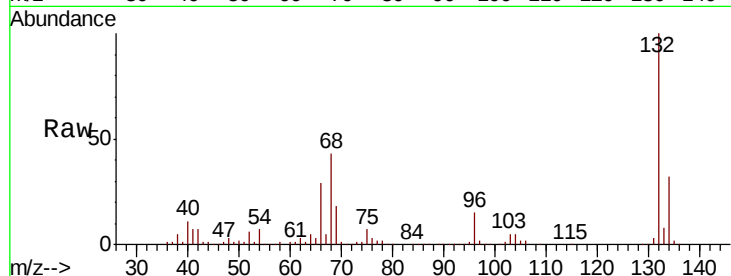
Tgt Ion: 93 Resp: 534

Ion Ratio Lower Upper

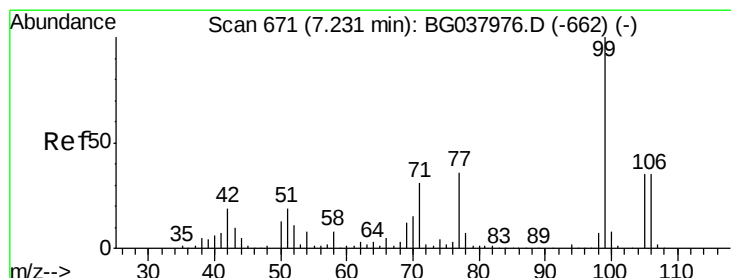
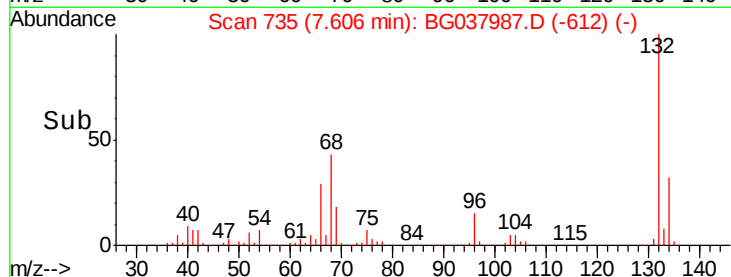
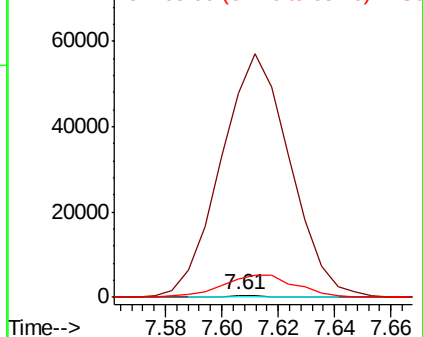
93 100

66 11408.1 32.8 49.2#

65 1001.9 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: 100.888 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

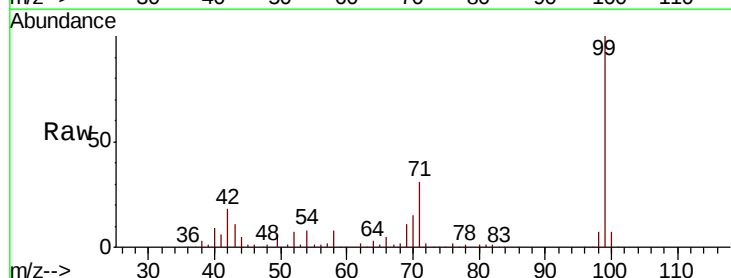
Tgt Ion: 99 Resp: 386008

Ion Ratio Lower Upper

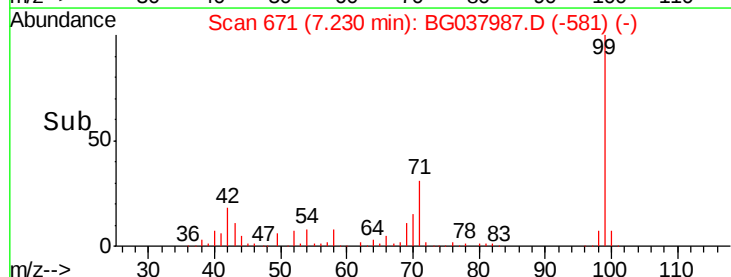
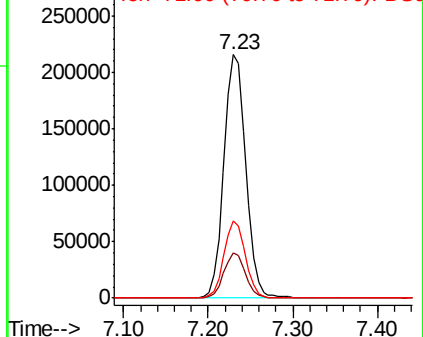
99 100

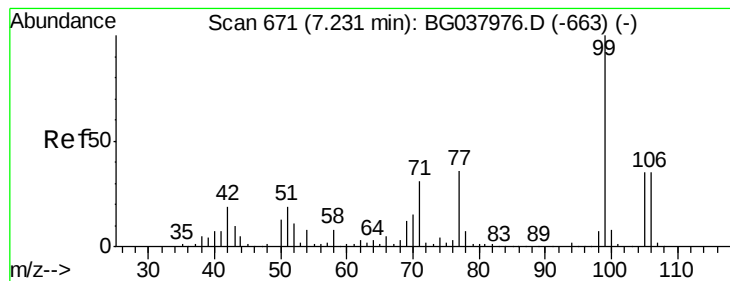
42 18.4 15.0 22.4

71 31.5 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: 0.168 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampled :

W-4-S

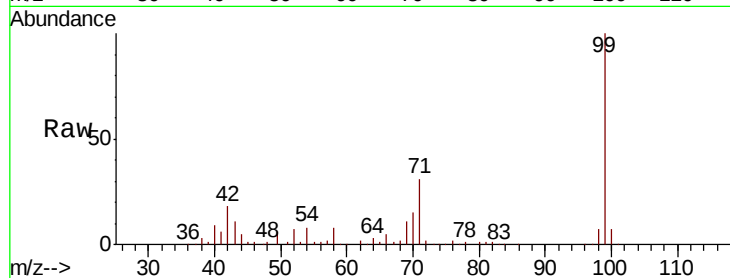
Tgt Ion: 77 Resp: 464

Ion Ratio Lower Upper

77 100

105 0.0 72.6 112.6#

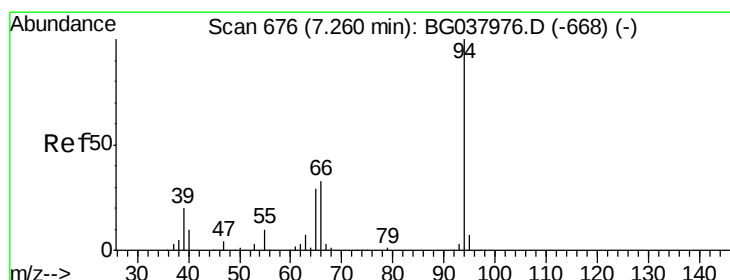
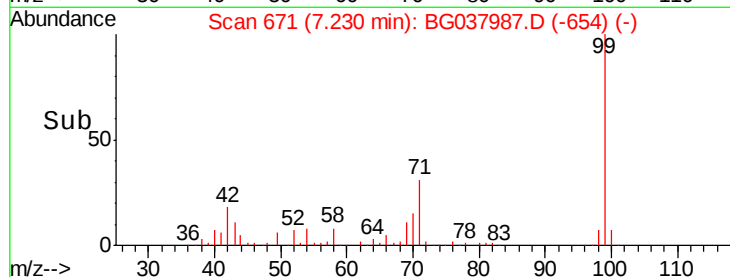
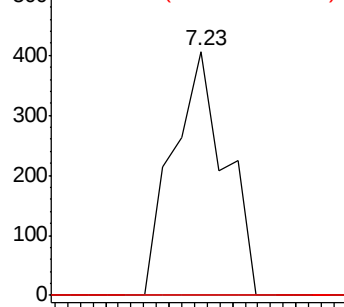
106 0.0 71.3 111.3#



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: 7.61 min Scan# 736

Delta R.T. 0.35 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

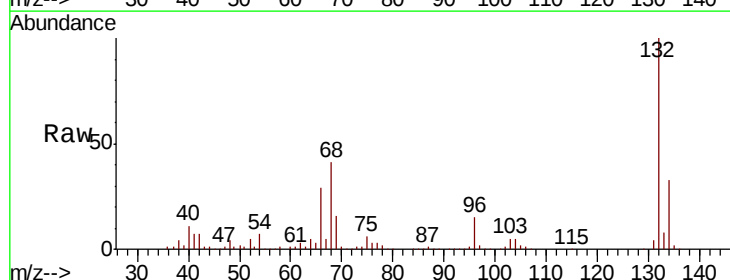
Tgt Ion: 94 Resp: 750

Ion Ratio Lower Upper

94 100

65 939.9 9.7 49.7#

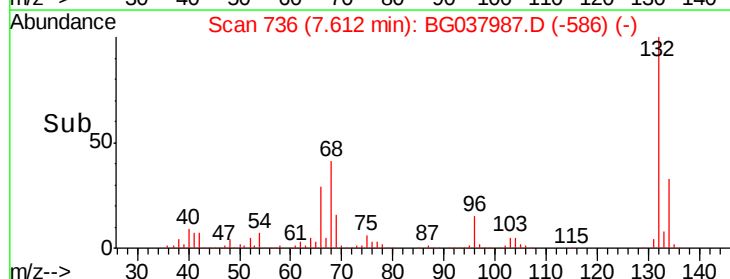
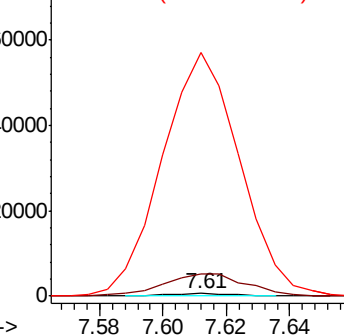
66 10331.9 15.9 55.9#

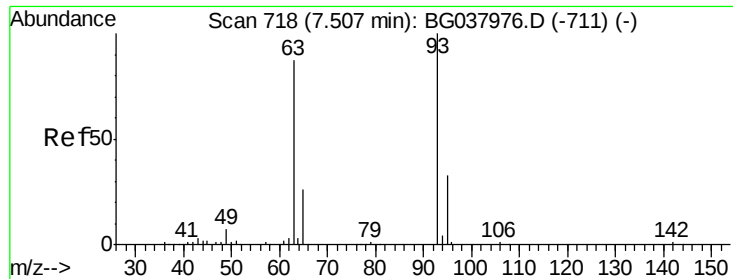


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

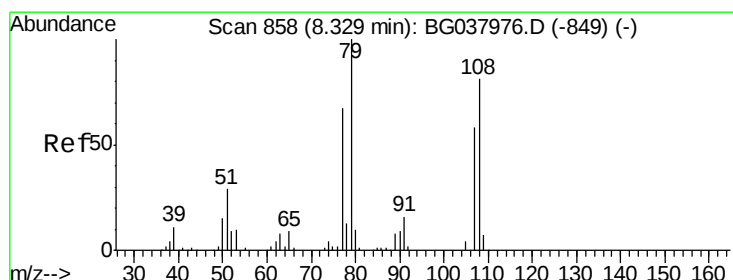
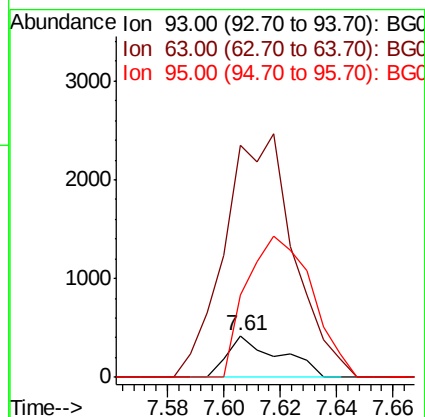
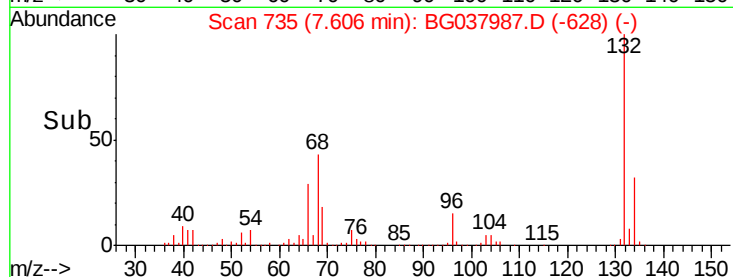
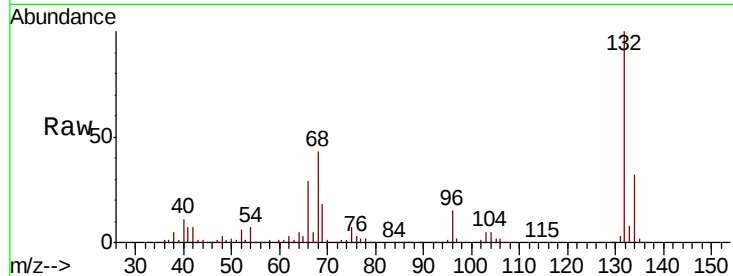




#11
bis(2-Chloroethyl)ether
Concen: 0.161 ng
RT: 7.61 min Scan# 735
Delta R.T. 0.10 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

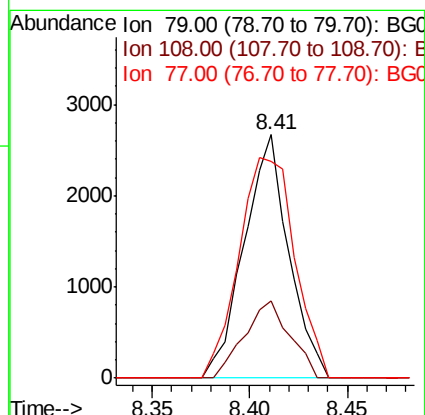
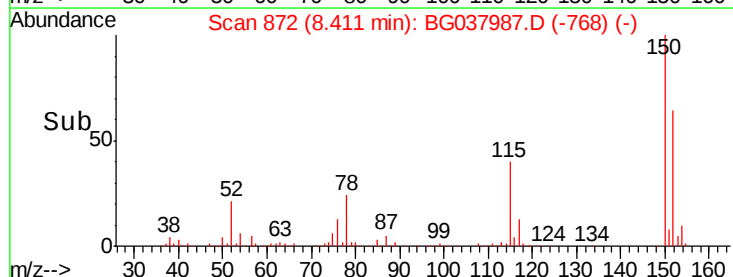
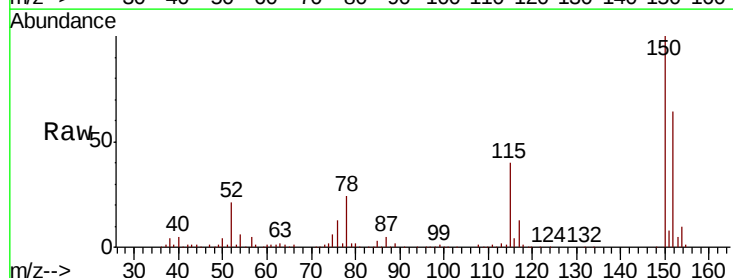
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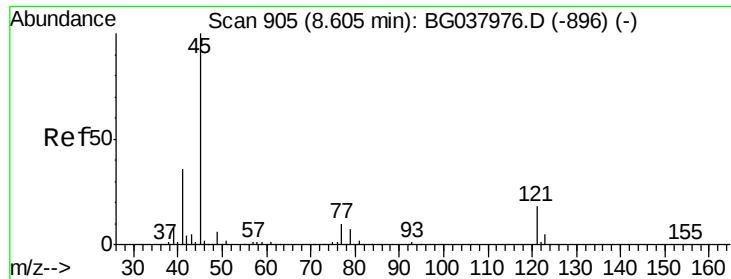
Tgt Ion: 93 Resp: 534
Ion Ratio Lower Upper
93 100
63 559.4 69.5 109.5#
95 197.6 12.6 52.6#



#15
Benzyl Alcohol
Concen: 1.525 ng
RT: 8.41 min Scan# 872
Delta R.T. 0.08 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Tgt Ion: 79 Resp: 4223
Ion Ratio Lower Upper
79 100
108 31.5 65.8 98.8#
77 89.0 52.9 79.3#

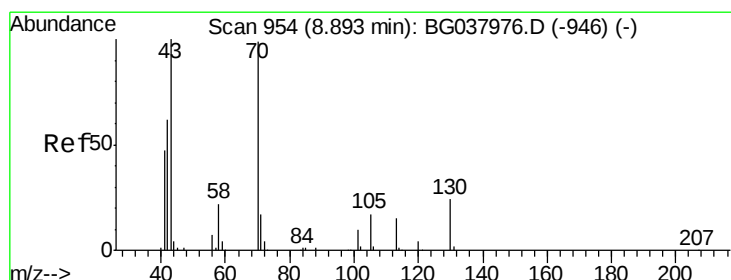
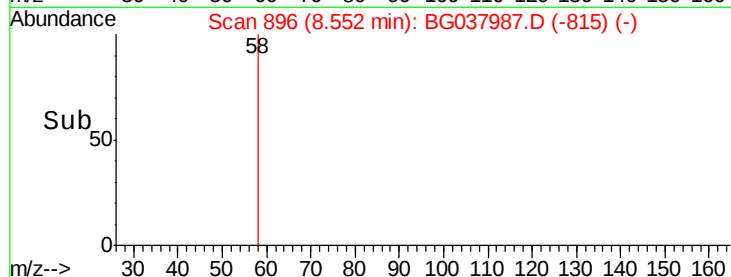
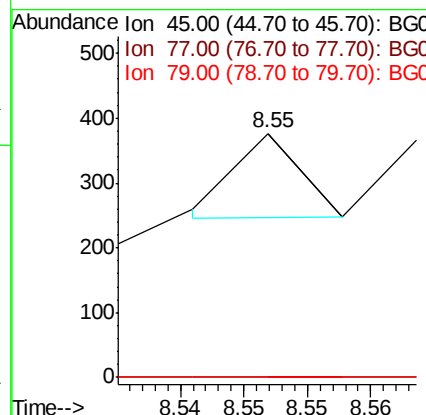
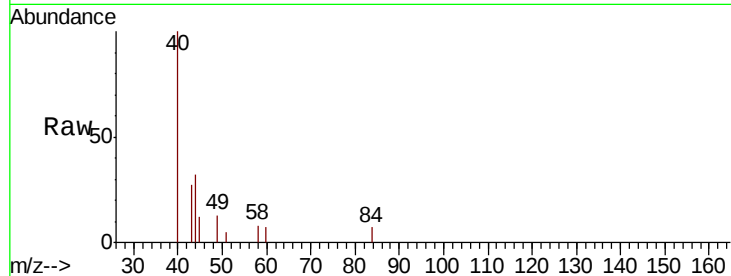




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.007 ng
 RT: 8.55 min Scan# 896
 Delta R.T. -0.05 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

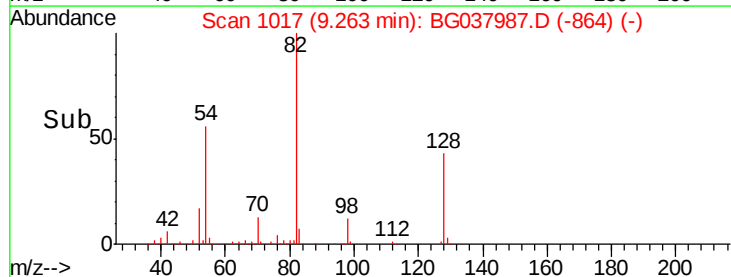
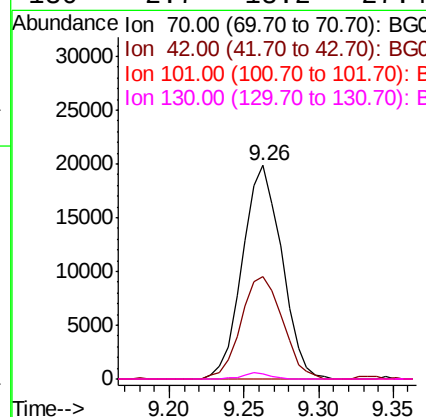
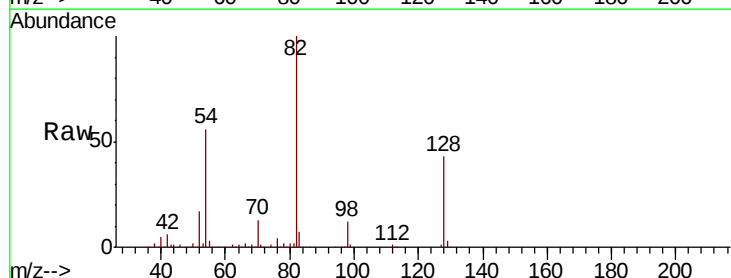
Instrument :
 BNA_G
 ClientSampled :
 W-4-S

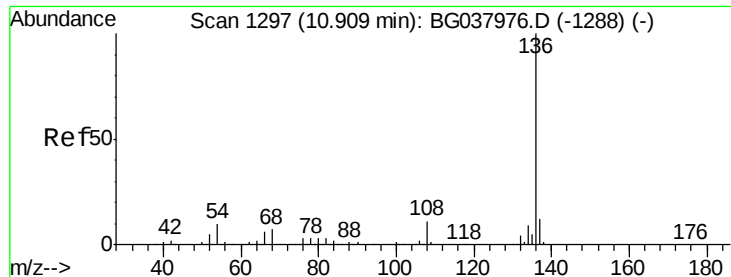
Tgt Ion: 45 Resp: 46
 Ion Ratio Lower Upper
 45 100
 77 0.0 0.0 30.0
 79 0.0 0.0 29.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.084 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.37 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Tgt Ion: 70 Resp: 36223
 Ion Ratio Lower Upper
 70 100
 42 47.8 53.9 80.9#
 101 0.0 8.2 12.2#
 130 2.7 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: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

Tgt Ion:136 Resp: 191855

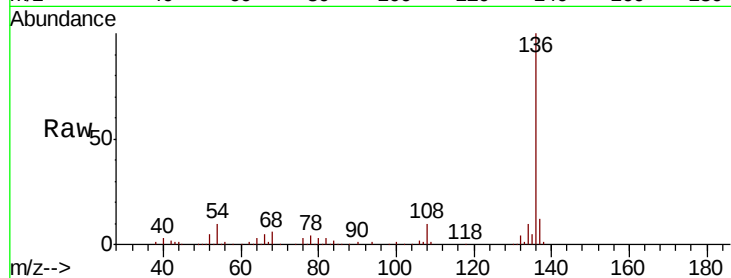
Ion Ratio Lower Upper

136 100

137 12.4 9.6 14.4

54 10.2 7.9 11.9

68 6.1 4.8 7.2

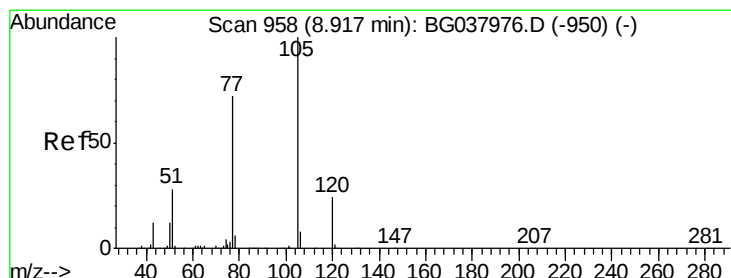
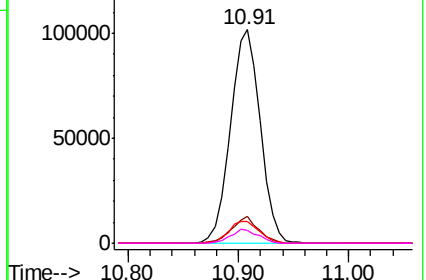
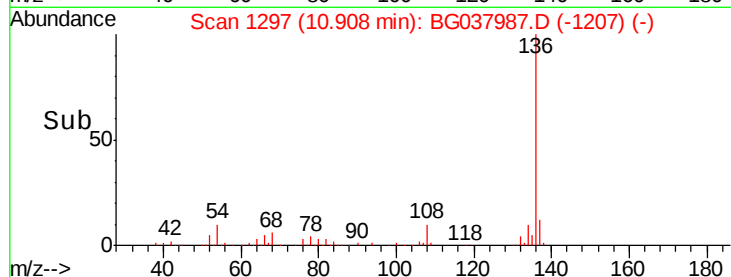


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 0.012 ng

RT: 8.93 min Scan# 961

Delta R.T. 0.02 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Tgt Ion:105 Resp: 56

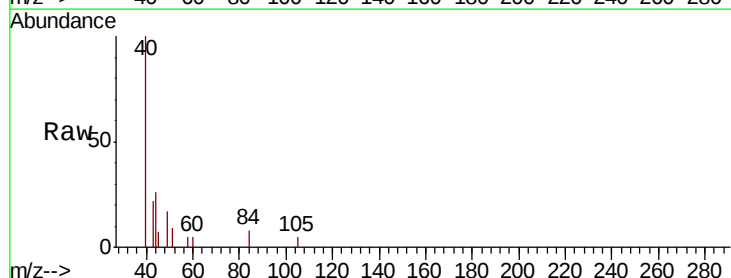
Ion Ratio Lower Upper

105 100

71 0.0 1.2 1.8#

51 188.0 25.0 37.6#

120 0.0 18.6 28.0#

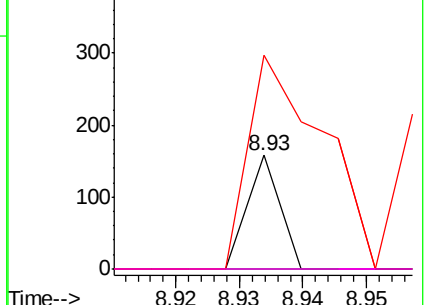
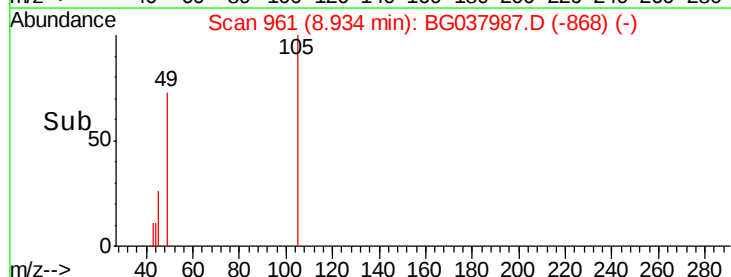


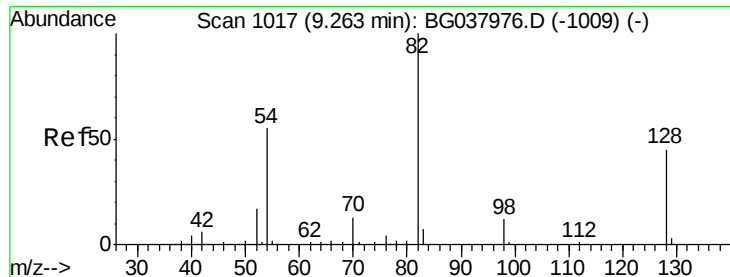
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

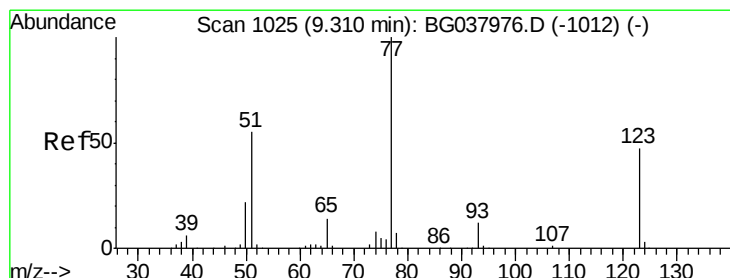
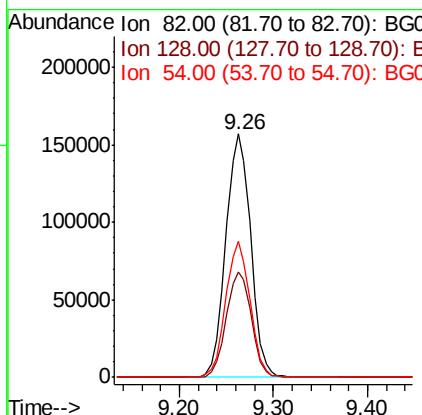
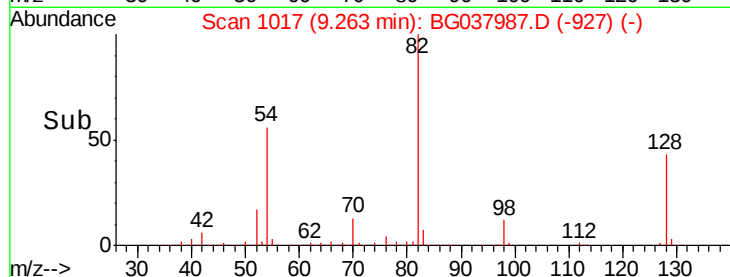
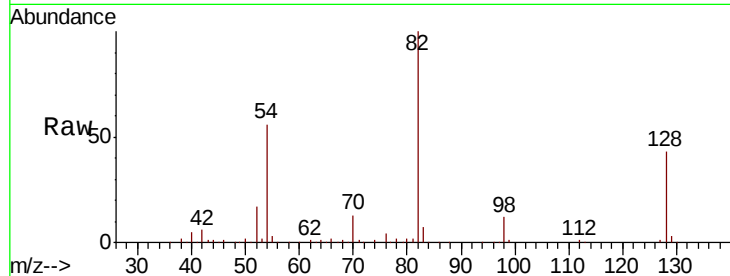




#23
 Nitrobenzene-d5
 Concen: 80.696 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

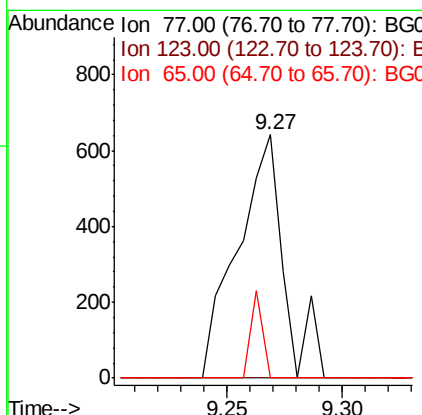
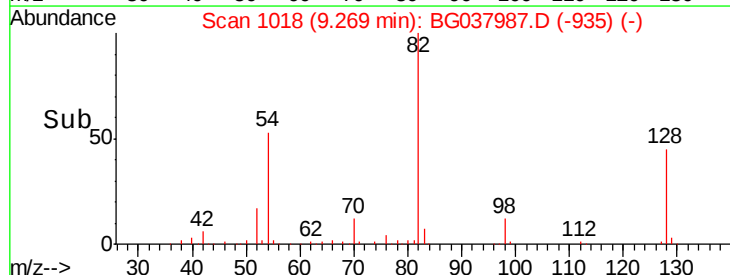
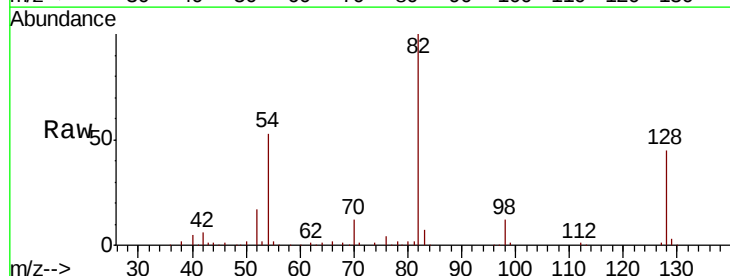
Instrument :
 BNA_G
 ClientSampleId :
 W-4-S

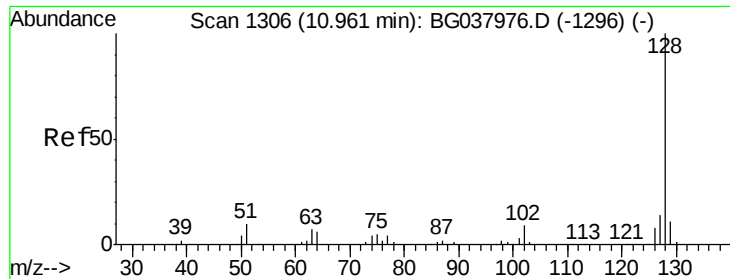
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	51.8
54	55.9	45.3	67.9



#24
 Nitrobenzene
 Concen: 0.245 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.04 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

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

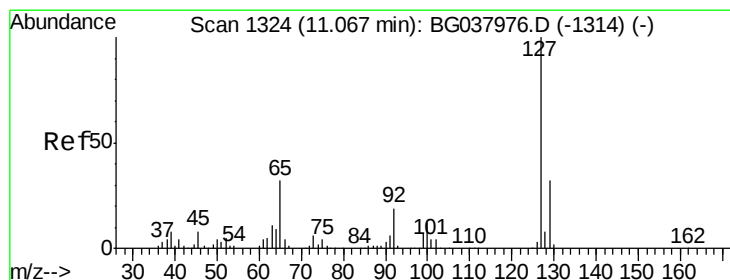
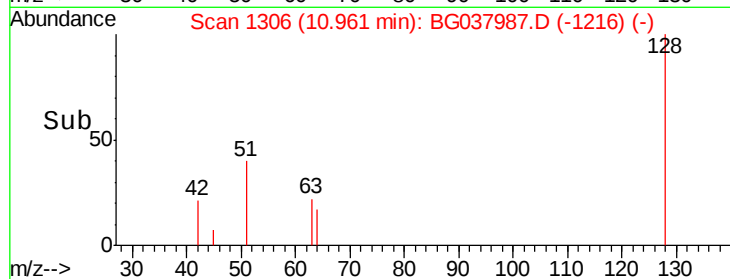
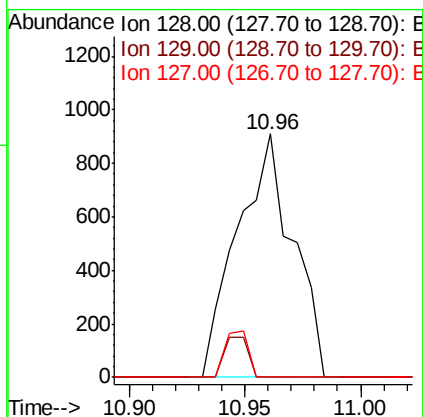
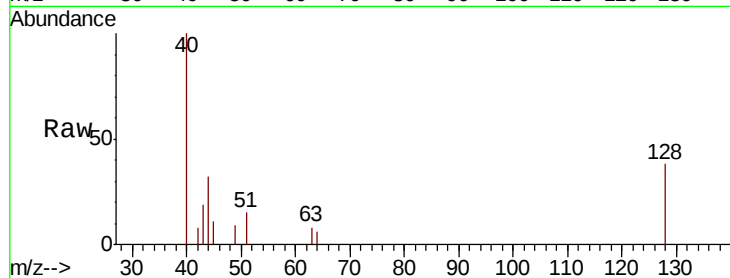




#31
Naphthalene
Concen: 0.160 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

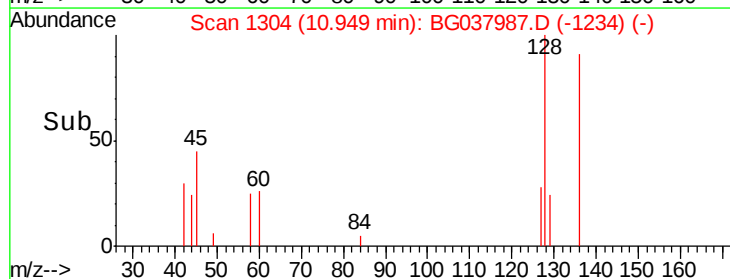
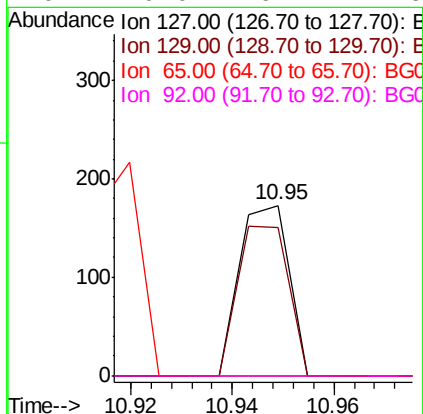
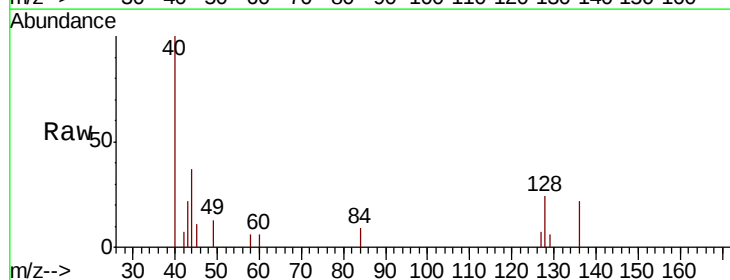
Instrument :
BNA_G
ClientSampleId :
W-4-S

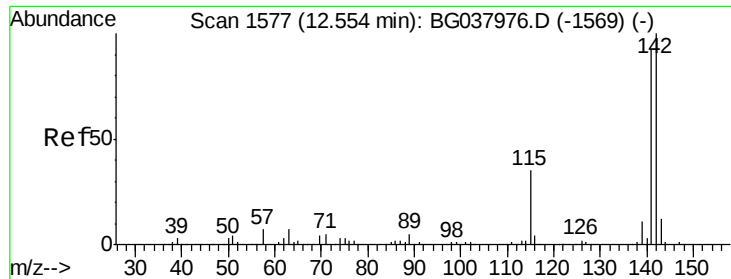
Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	0.0	11.1	16.7#



#33
4-Chloroaniline
Concen: 0.027 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.12 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Tgt Ion	Ratio	Lower	Upper
127	100		
129	86.7	27.1	40.7#
65	0.0	26.6	39.8#
92	0.0	16.4	24.6#

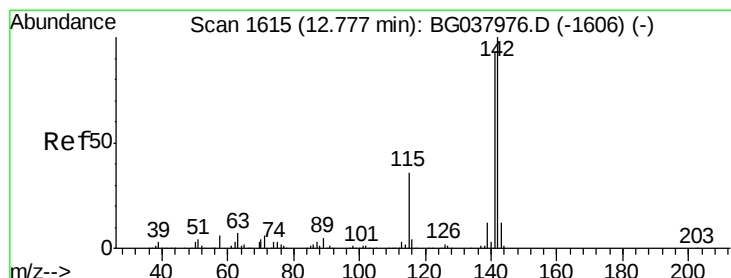
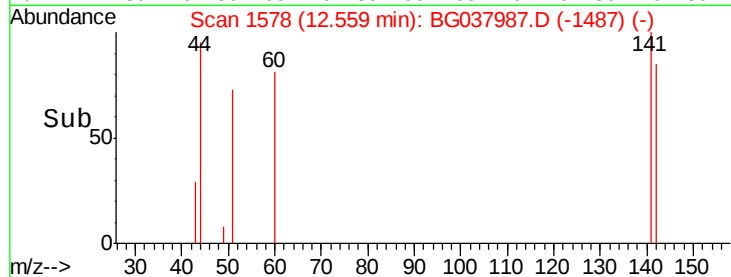
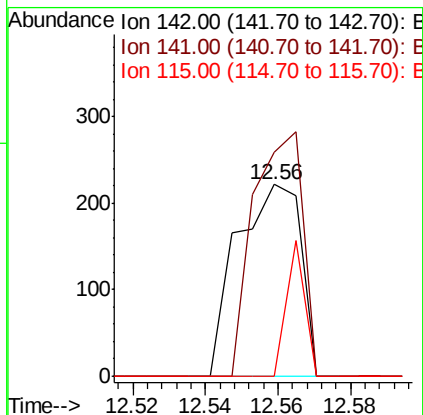
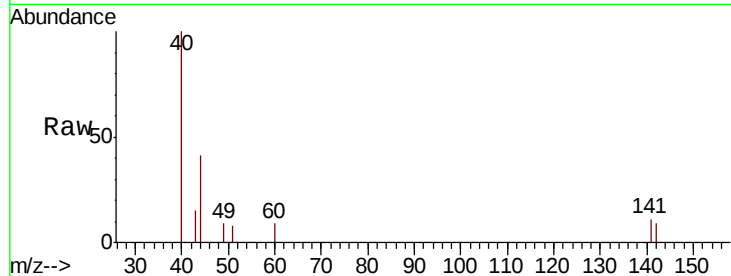




#37
 2-Methylnaphthalene
 Concen: 0.040 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. 0.01 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

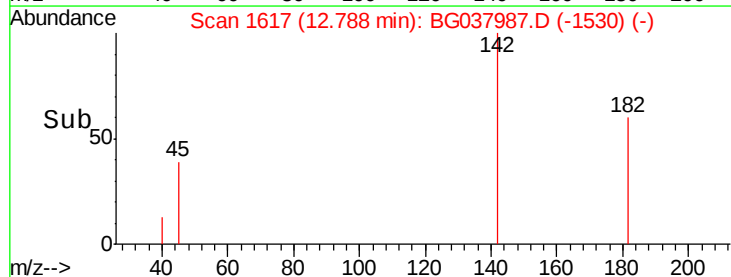
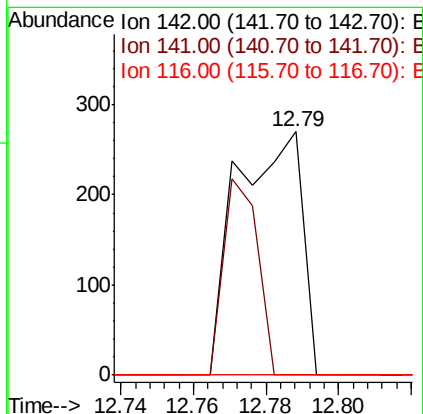
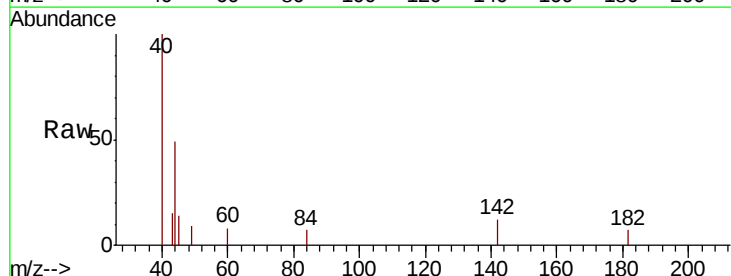
Instrument :
 BNA_G
 ClientSampleId :
 W-4-S

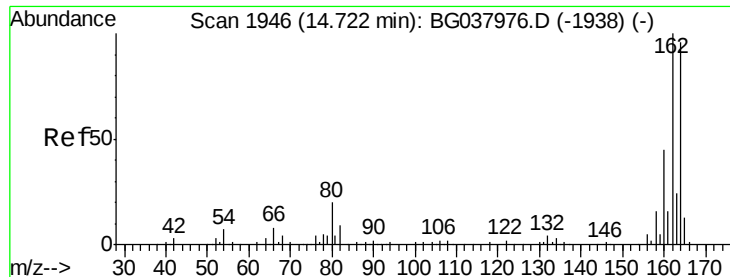
Tgt Ion:142 Resp: 270
 Ion Ratio Lower Upper
 142 100
 141 117.2 71.9 107.9#
 115 0.0 27.8 41.8#



#38
 1-Methylnaphthalene
 Concen: 0.051 ng
 RT: 12.79 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Tgt Ion:142 Resp: 336
 Ion Ratio Lower Upper
 142 100
 141 0.0 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: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

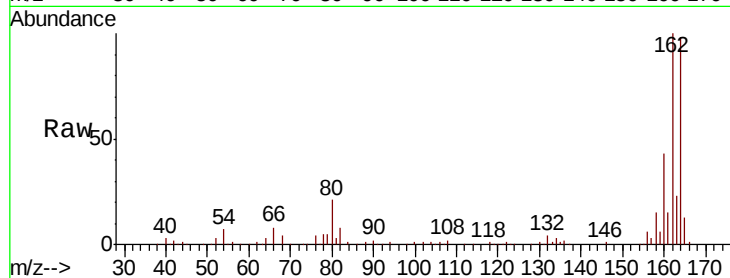
Tgt Ion:164 Resp: 121945

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

160 44.3 36.3 54.5

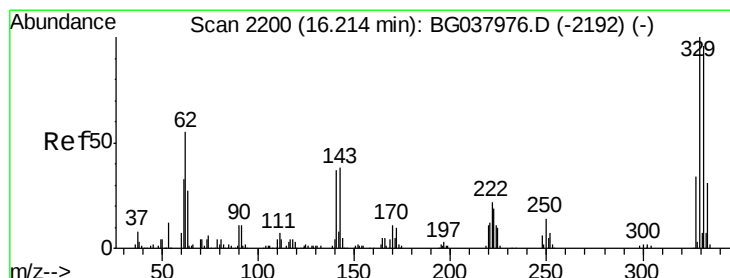
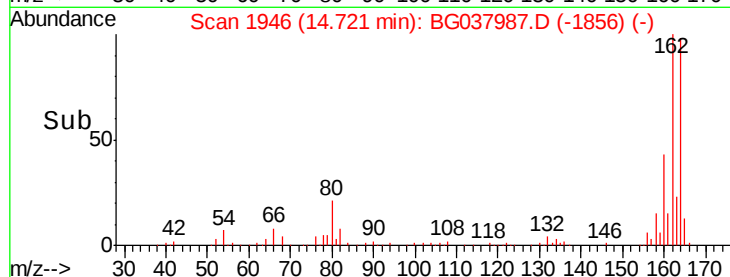
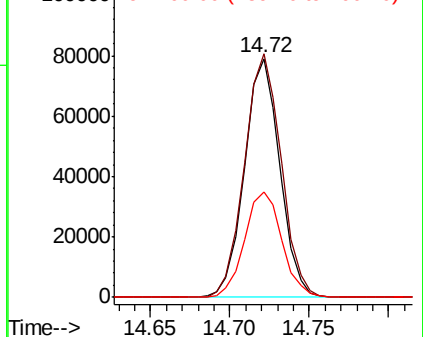


Abundance

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: 120.471 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

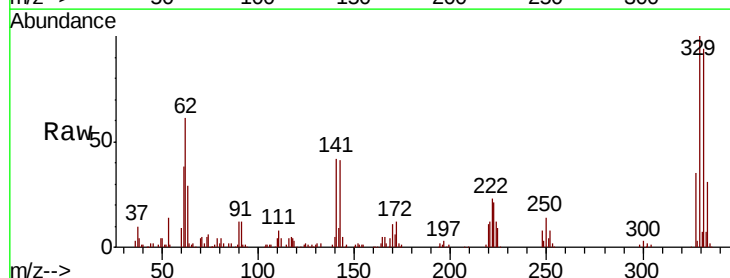
Tgt Ion:330 Resp: 167545

Ion Ratio Lower Upper

330 100

332 96.6 78.4 117.6

141 40.6 32.2 48.2

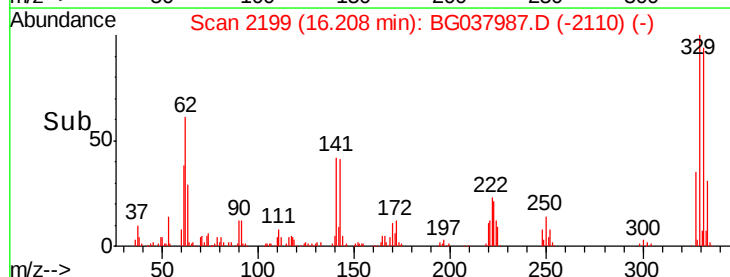
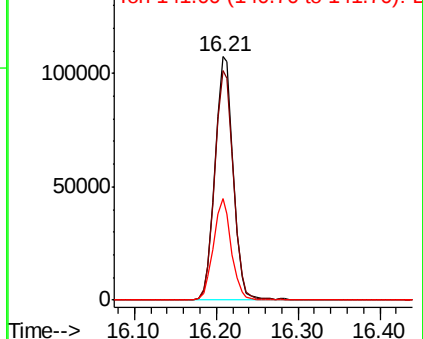


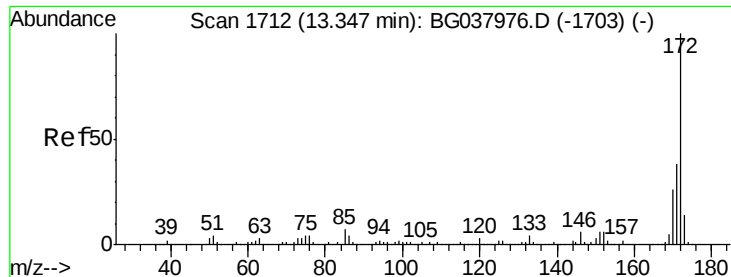
Abundance

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

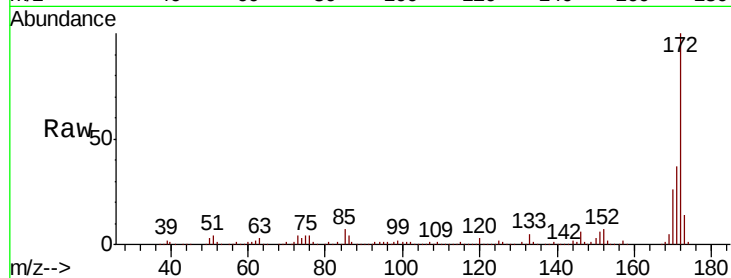




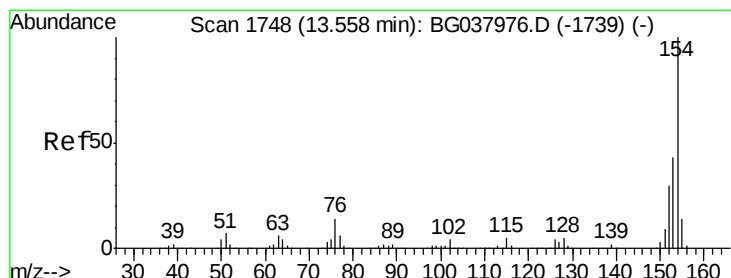
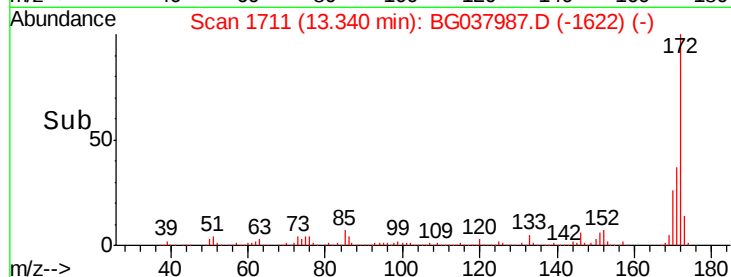
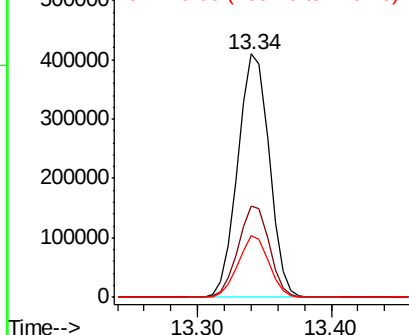
#45
 2-Fluorobiphenyl
 Concen: 80.059 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Instrument :
 BNA_G
 ClientSampleId :
 W-4-S

Tgt Ion:172 Resp: 670130
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.0 46.4
 170 25.6 20.2 30.2

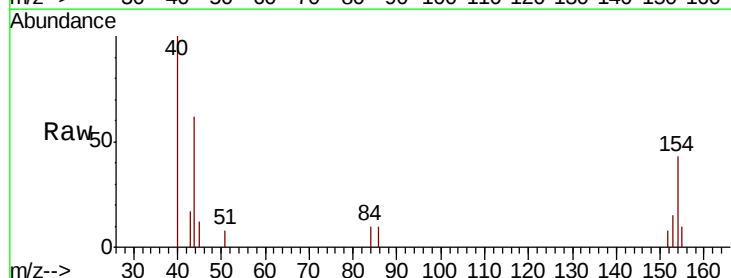


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

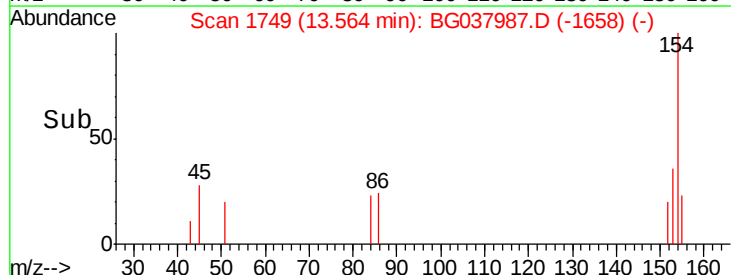
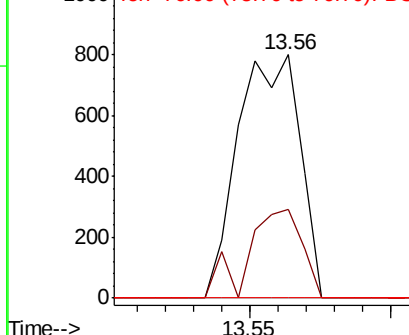


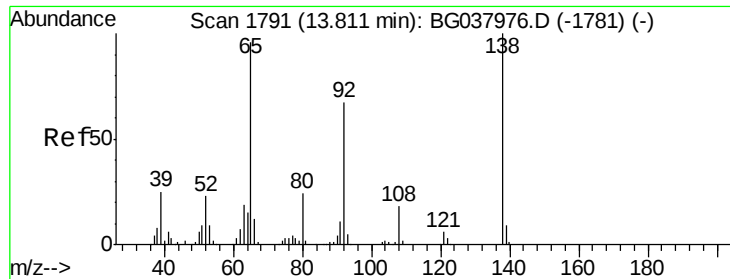
#46
 1,1'-Biphenyl
 Concen: 0.118 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. 0.01 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Tgt Ion:154 Resp: 1212
 Ion Ratio Lower Upper
 154 100
 153 36.4 22.1 62.1
 76 0.0 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

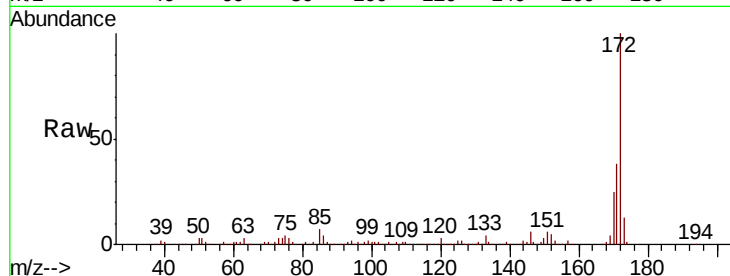




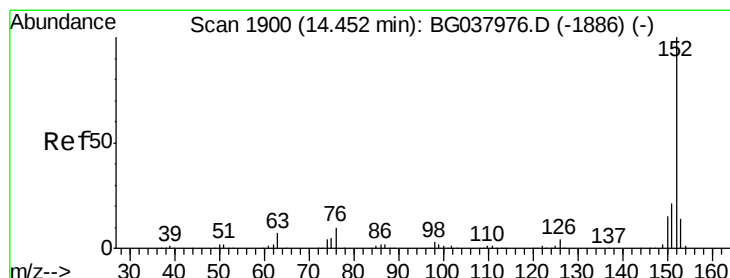
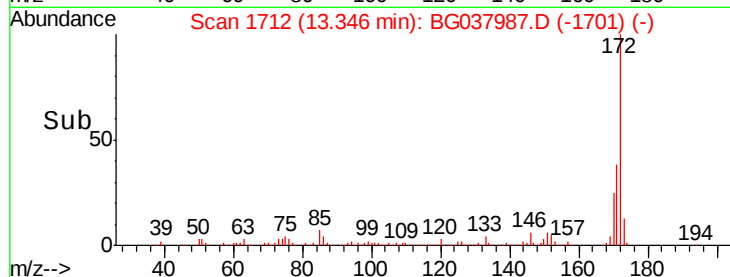
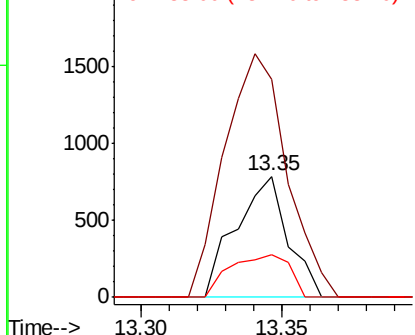
#48
2-Nitroaniline
Concen: 0.410 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.46 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Instrument :
BNA_G
ClientSampleId :
W-4-S

Tgt Ion: 65 Resp: 1008
Ion Ratio Lower Upper
65 100
92 180.0 53.2 79.8#
138 34.7 79.3 118.9#

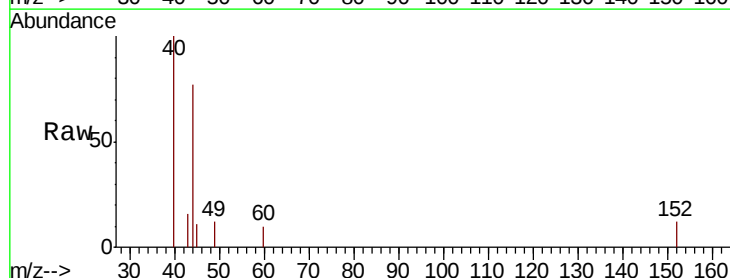


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

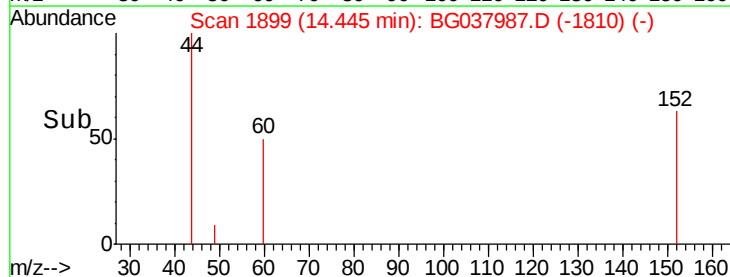
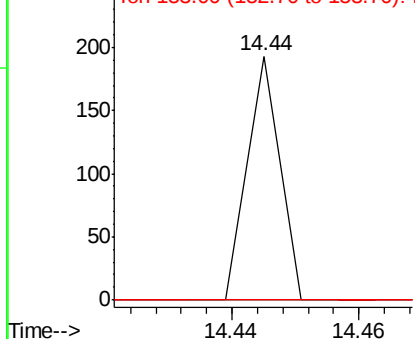


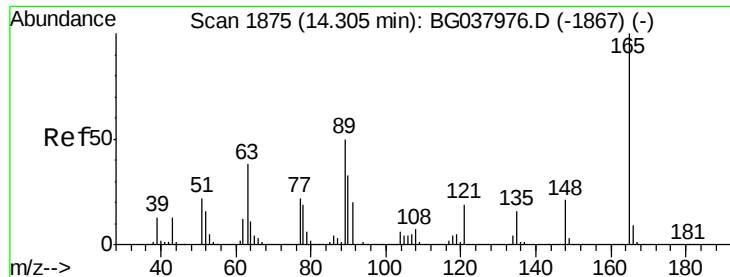
#49
Acenaphthylene
Concen: 0.006 ng
RT: 14.44 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Tgt Ion: 152 Resp: 68
Ion Ratio Lower Upper
152 100
151 0.0 17.1 25.7#
153 0.0 11.1 16.7#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

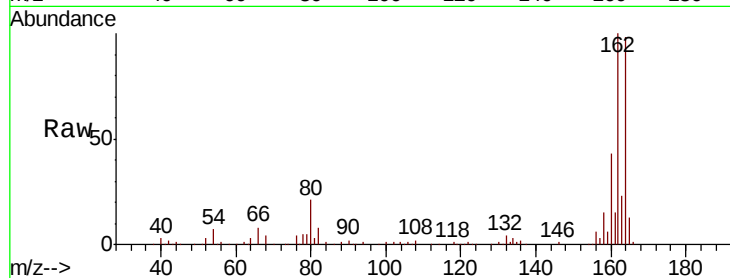




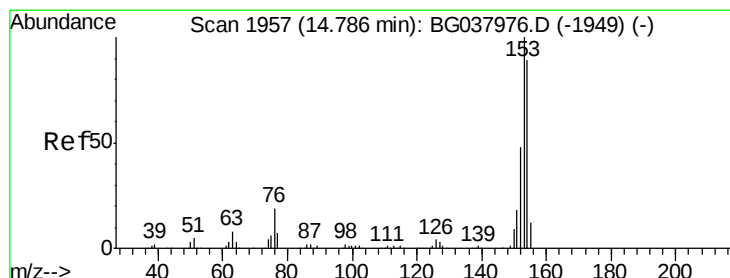
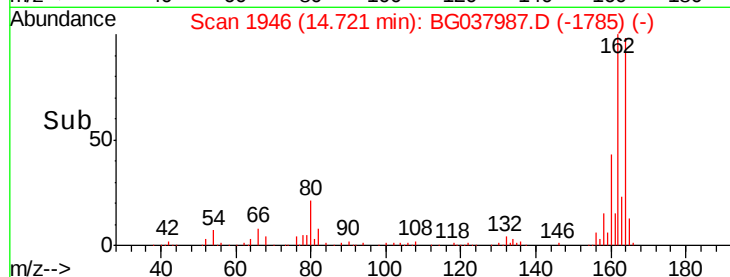
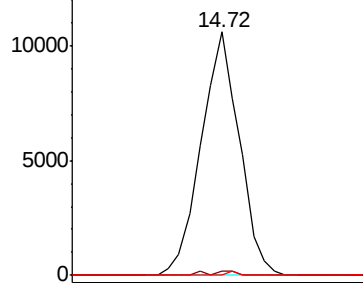
#51
2,6-Dinitrotoluene
Concen: 7.077 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.42 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Instrument :
BNA_G
ClientSampled :
W-4-S

Tgt Ion:165 Resp: 15484
Ion Ratio Lower Upper
165 100
63 1.9 43.4 65.2#
89 0.0 45.8 68.6#

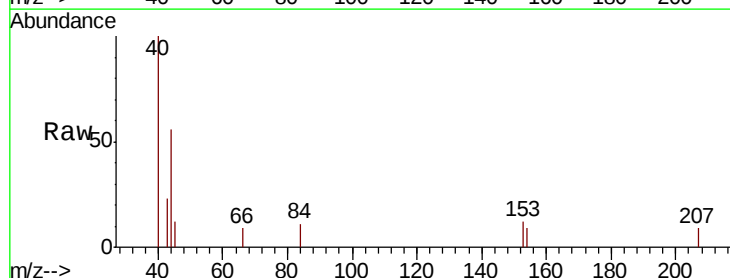


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

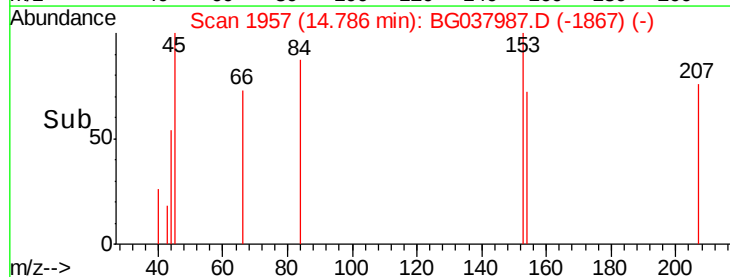
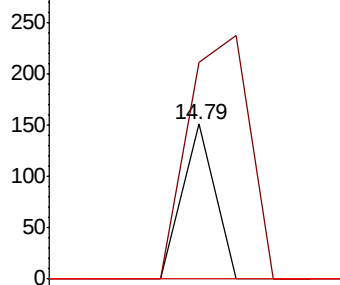


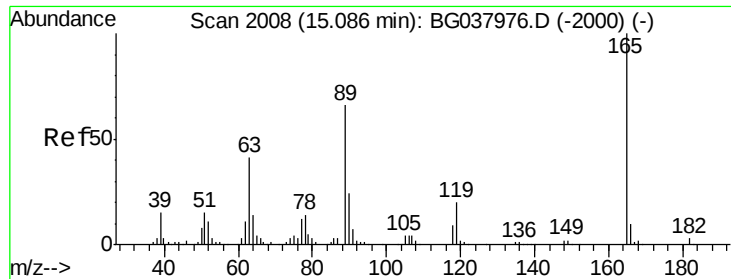
#52
Acenaphthene
Concen: 0.007 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Tgt Ion:154 Resp: 53
Ion Ratio Lower Upper
154 100
153 139.7 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

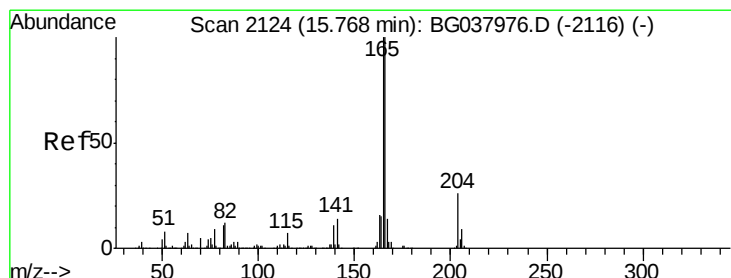
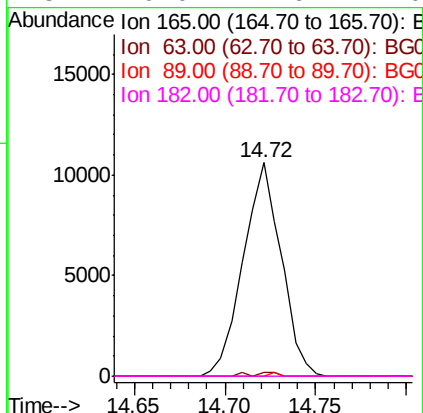
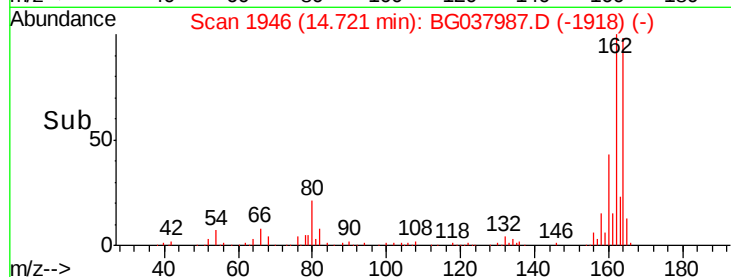
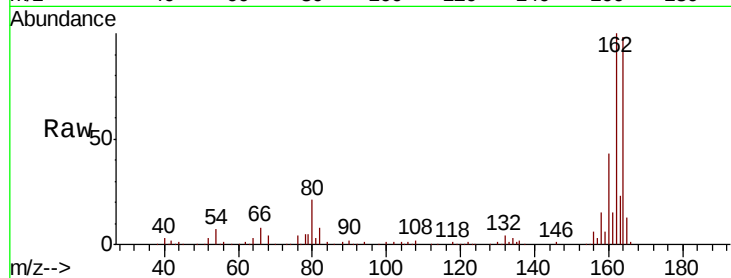




#57
 2,4-Dinitrotoluene
 Concen: 5.201 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

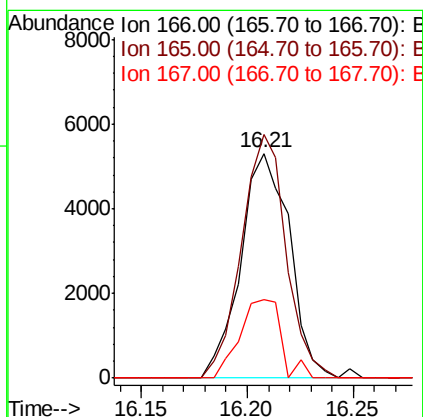
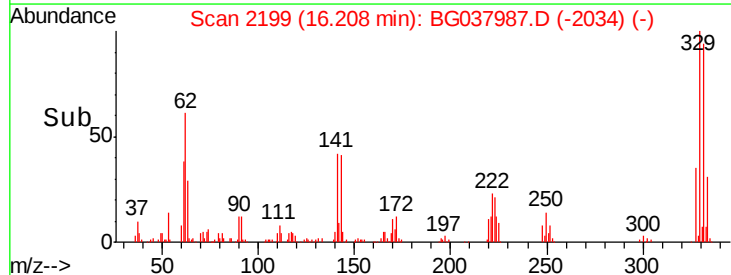
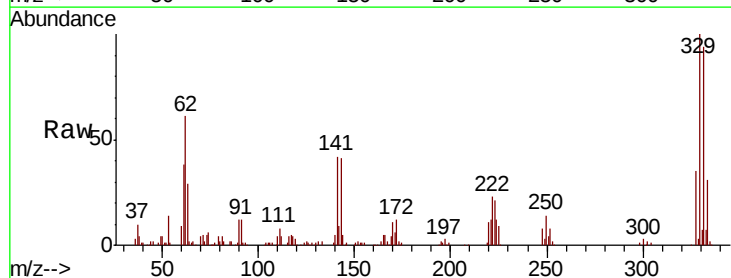
Instrument :
 BNA_G
 ClientSampleId :
 W-4-S

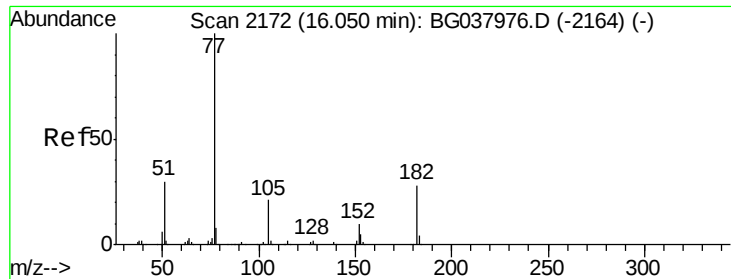
Tgt Ion:	165	Resp:	15484
Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#58
 Fluorene
 Concen: 0.974 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.44 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Tgt Ion:	166	Resp:	8502
Ion	Ratio	Lower	Upper
166	100		
165	108.5	79.0	118.6
167	34.8	11.3	16.9#





#63

Azobenzene

Concen: 0.121 ng

RT: 16.20 min Scan# 2198

Delta R.T. 0.15 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

Tgt Ion: 77 Resp: 1112

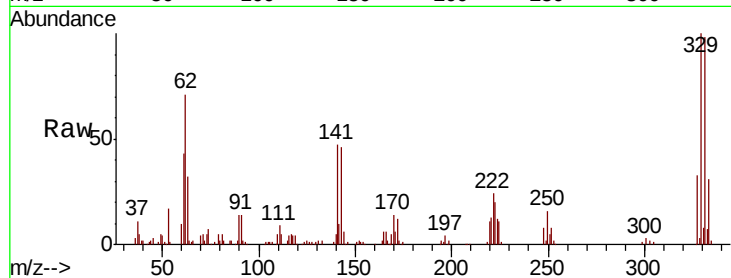
Ion Ratio Lower Upper

77 100

182 0.0 8.0 48.0#

105 53.1 1.3 41.3#

51 57.4 10.7 50.7#

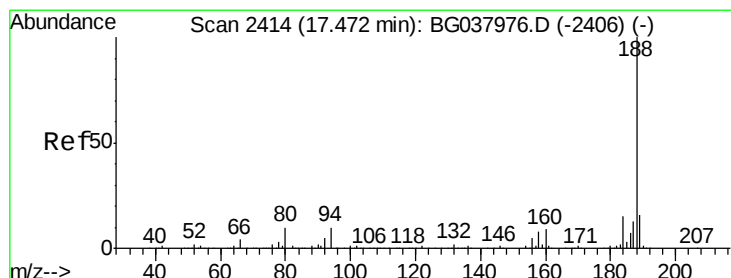
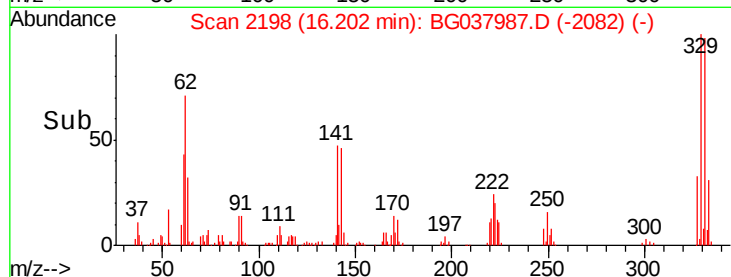
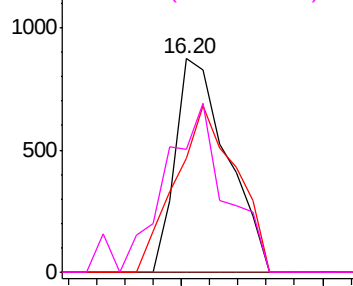


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.46 min Scan# 2413

Delta R.T. -0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

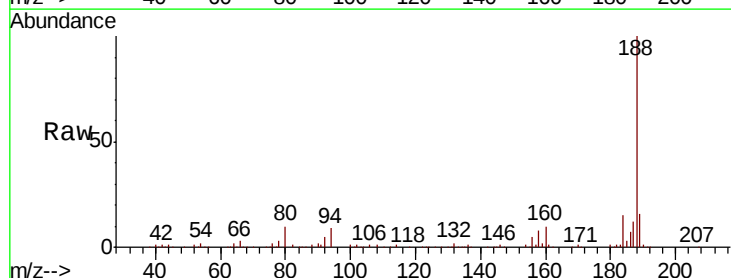
Tgt Ion: 188 Resp: 297950

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

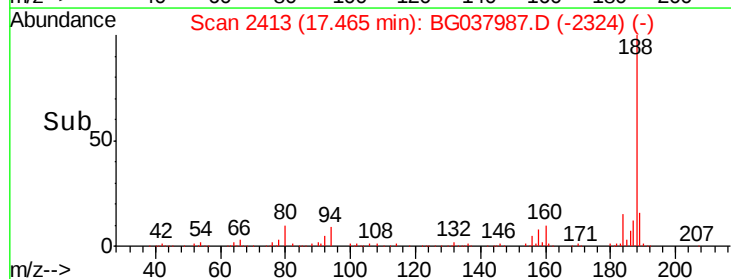
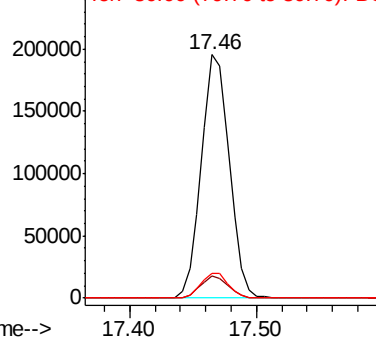
80 10.2 7.7 11.5

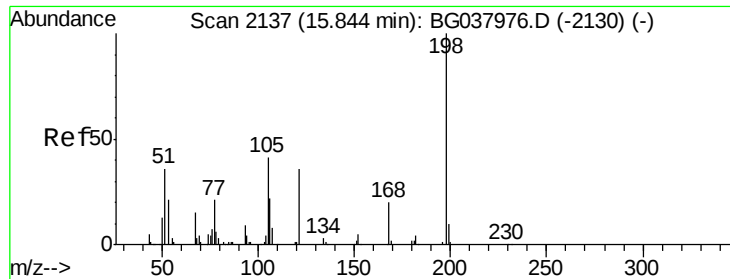


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

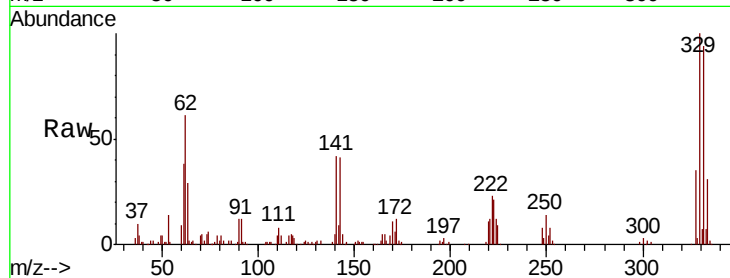




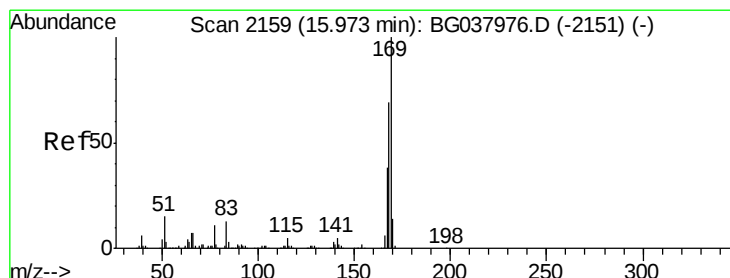
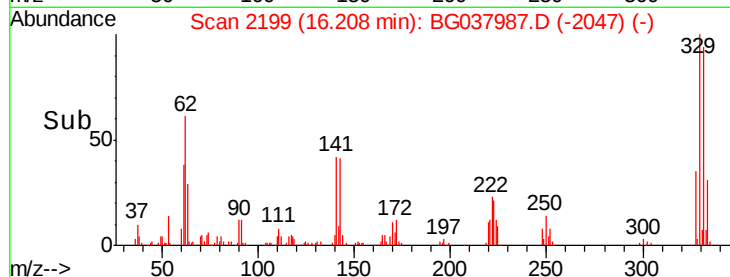
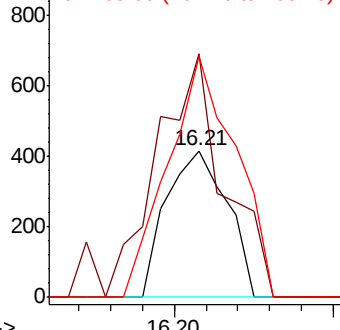
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.293 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.36 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Instrument :
 BNA_G
 ClientSampleId :
 W-4-S

Tgt Ion:198 Resp: 553
 Ion Ratio Lower Upper
 198 100
 51 166.1 22.7 62.7#
 105 163.9 19.7 59.7#

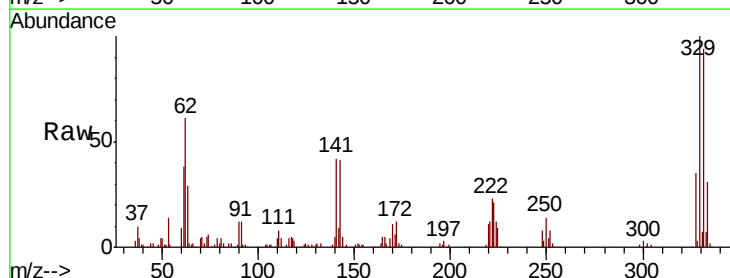


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

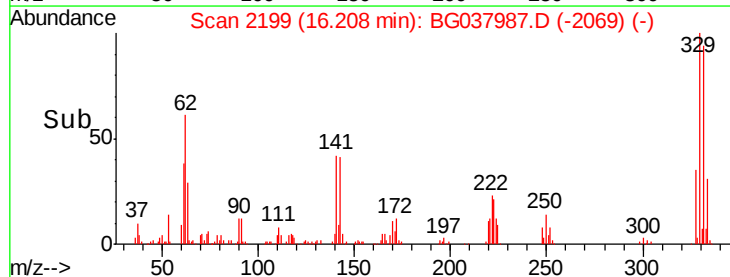
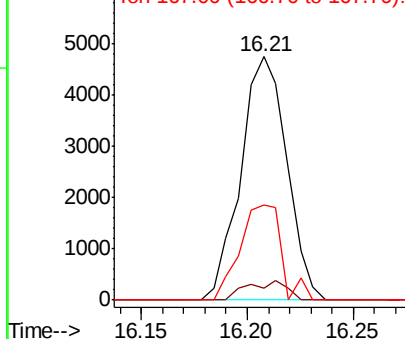


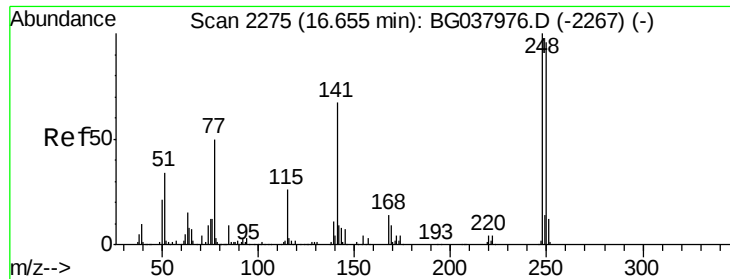
#66
 n-Nitrosodiphenylamine
 Concen: 0.798 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.23 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Tgt Ion:169 Resp: 7191
 Ion Ratio Lower Upper
 169 100
 168 4.9 55.7 83.5#
 167 38.8 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

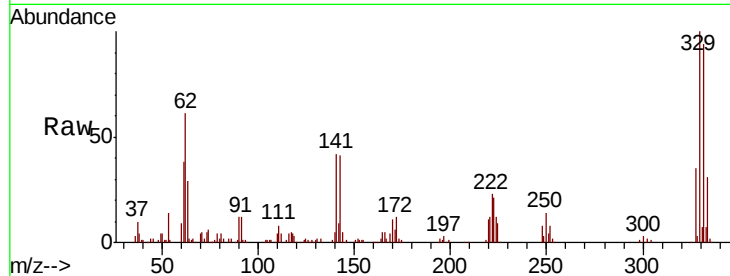




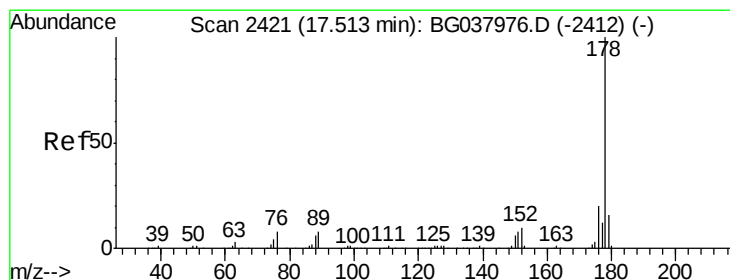
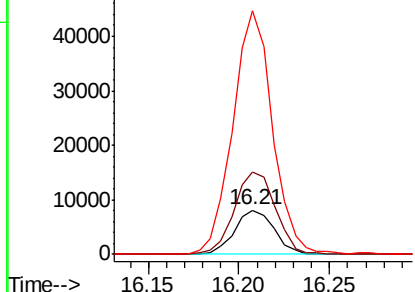
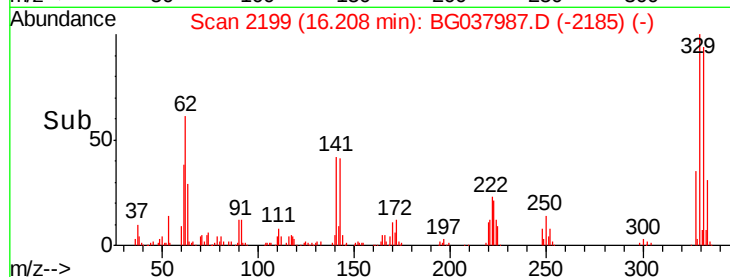
#67
 4-Bromophenyl-phenylether
 Concen: 3.768 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Instrument :
 BNA_G
 ClientSampleId :
 W-4-S

Tgt Ion:248 Resp: 12323
 Ion Ratio Lower Upper
 248 100
 250 177.9 77.0 115.6#
 141 410.5 55.5 83.3#

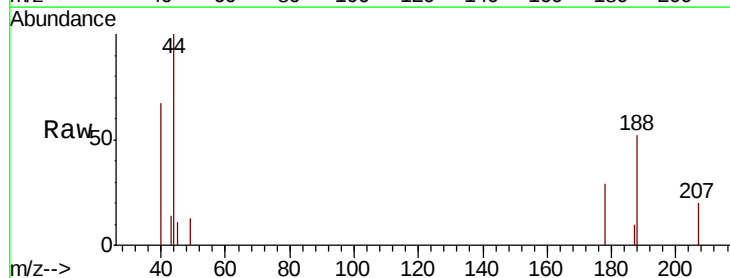


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

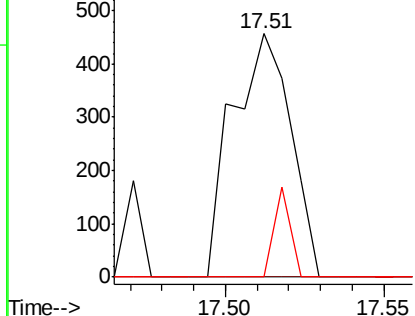
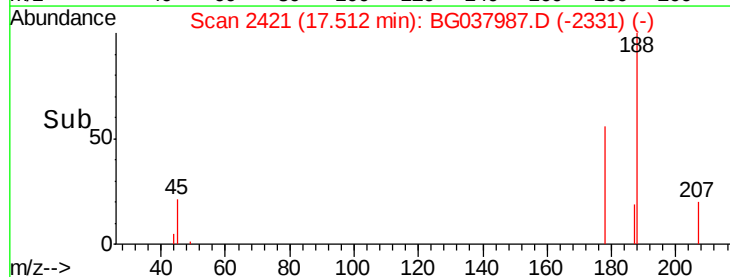


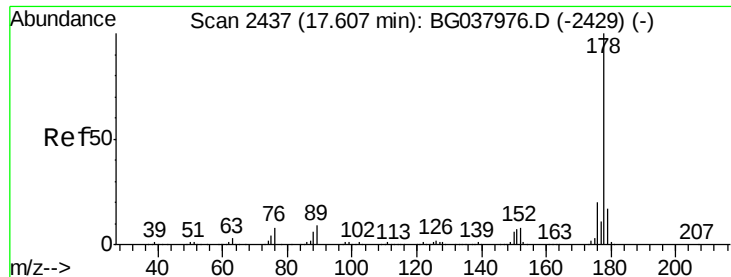
#71
 Phenanthrene
 Concen: 0.038 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Tgt Ion:178 Resp: 582
 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

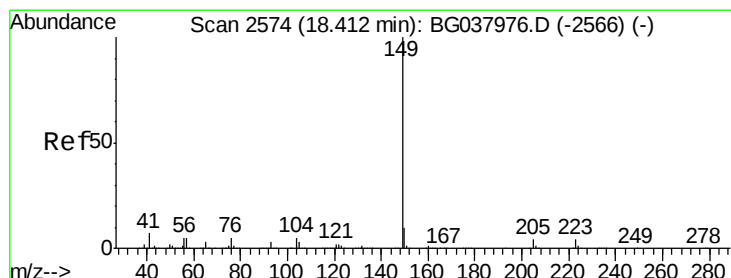
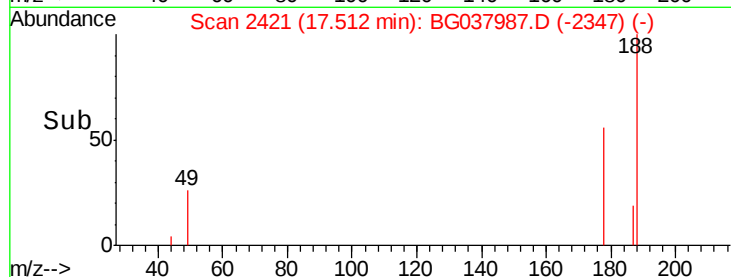
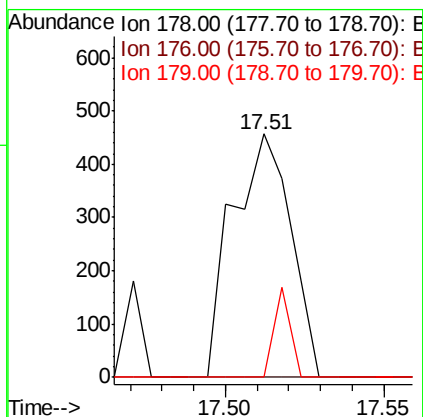
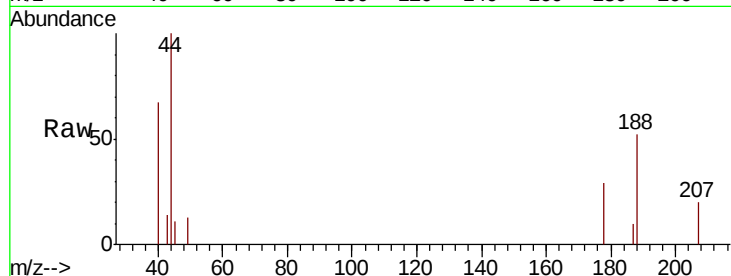




#72
 Anthracene
 Concen: 0.039 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.09 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

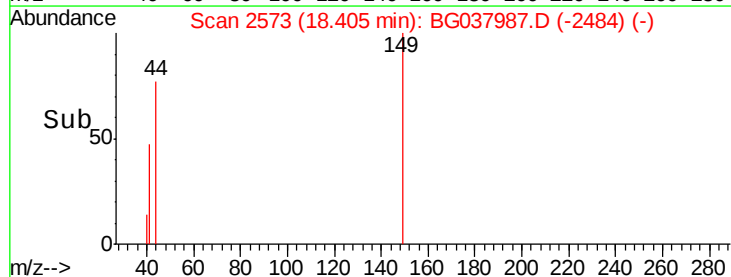
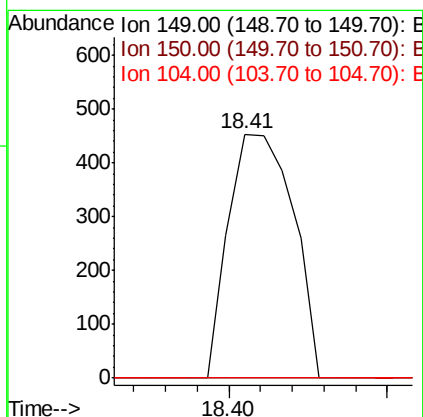
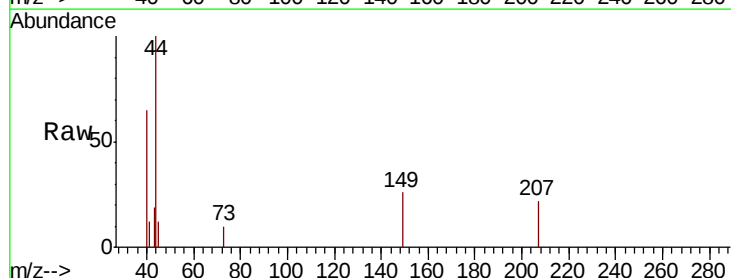
Instrument :
 BNA_G
 ClientSampleId :
 W-4-S

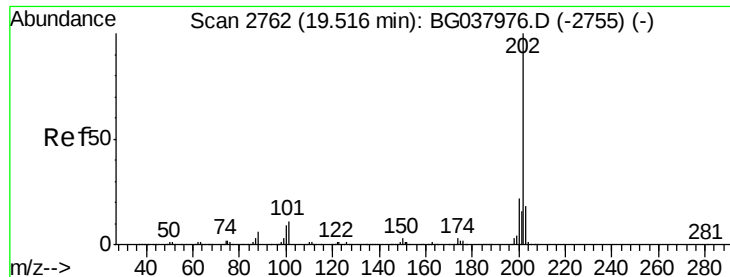
Tgt Ion:178 Resp: 582
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.0 22.4#
 179 0.0 12.8 19.2#



#74
 Di-n-butylphthalate
 Concen: 0.038 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG037987.D
 Acq: 13 Nov 2018 21:17

Tgt Ion:149 Resp: 640
 Ion Ratio Lower Upper
 149 100
 150 0.0 8.2 12.2#
 104 0.0 4.0 6.0#





#75

Fluoranthene

Concen: 0.014 ng

RT: 19.52 min Scan# 2763

Delta R.T. 0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

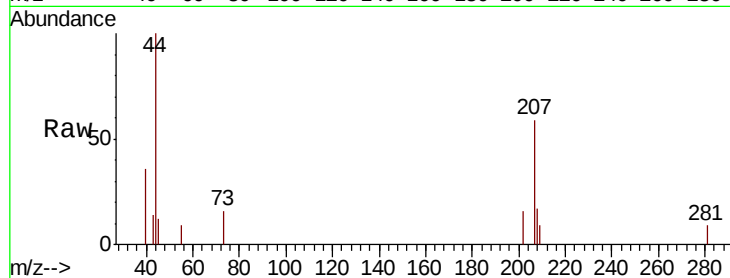
Tgt Ion:202 Resp: 236

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.7

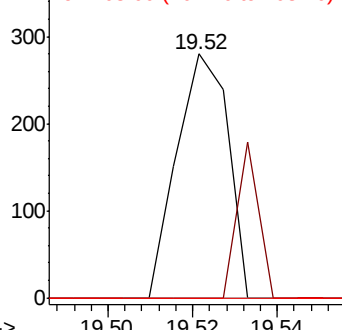
203 0.0 0.0 38.5



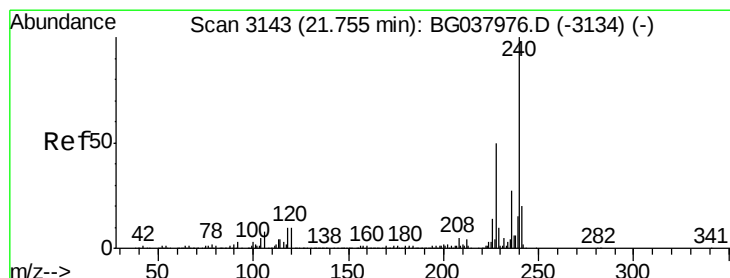
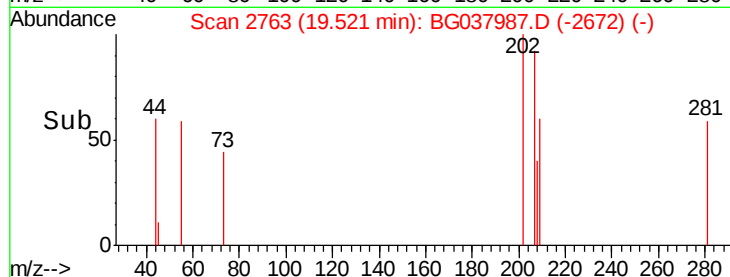
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

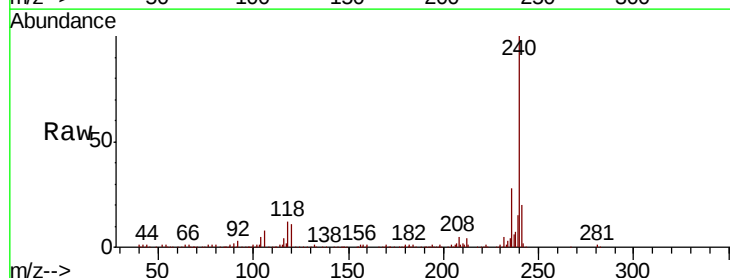
Tgt Ion:240 Resp: 287372

Ion Ratio Lower Upper

240 100

120 11.3 8.1 12.1

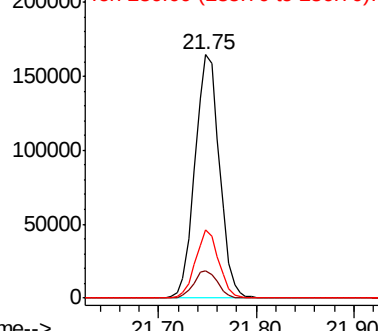
236 28.3 21.4 32.0



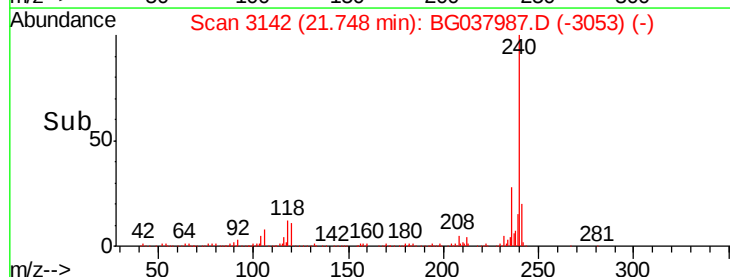
Abundance Ion 240.00 (239.70 to 240.70): E

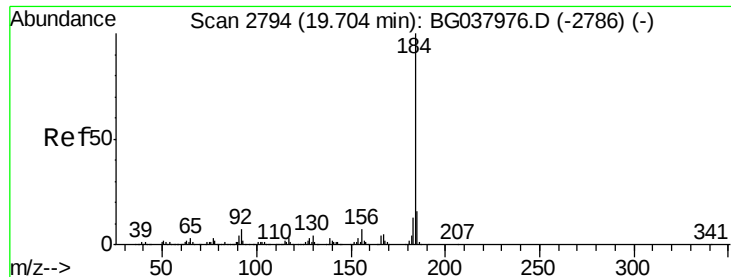
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 1.835 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

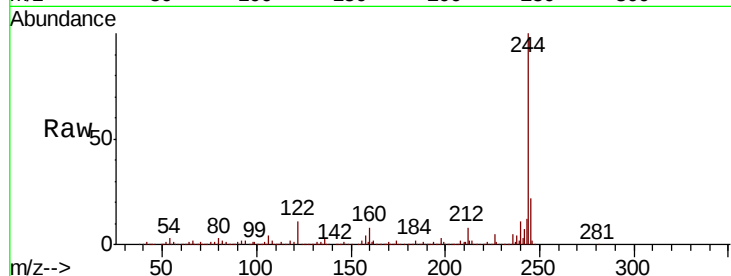
Tgt Ion:184 Resp: 18508

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

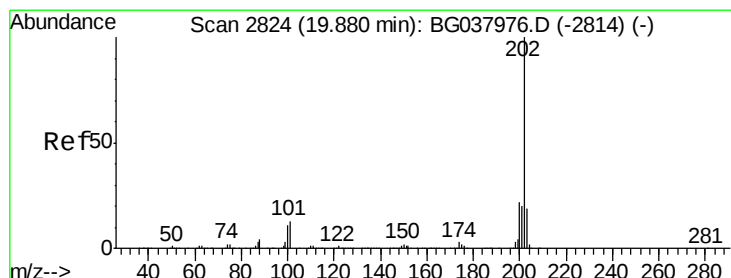
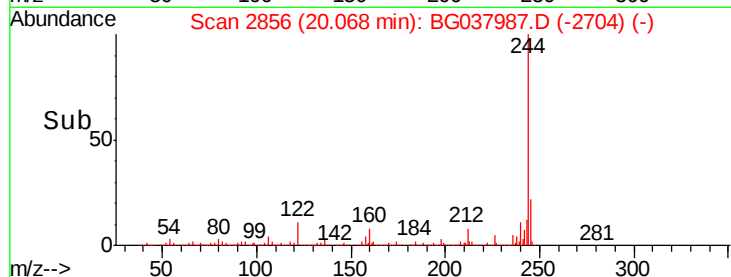
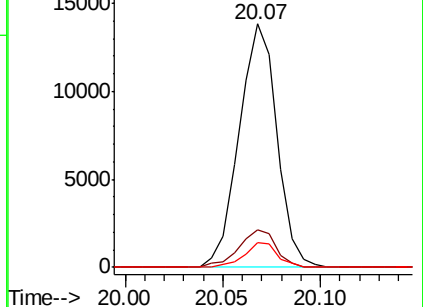
183 10.0 10.2 15.2#



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: 0.009 ng

RT: 19.89 min Scan# 2825

Delta R.T. 0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

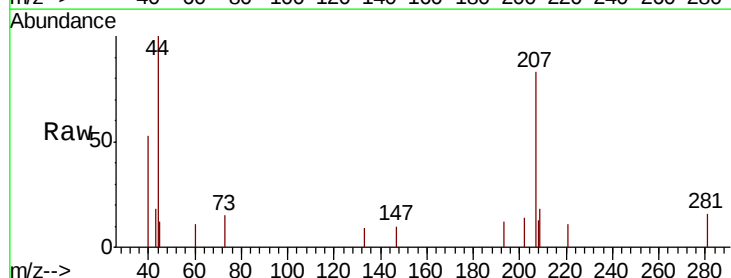
Tgt Ion:202 Resp: 163

Ion Ratio Lower Upper

202 100

200 0.0 17.8 26.6#

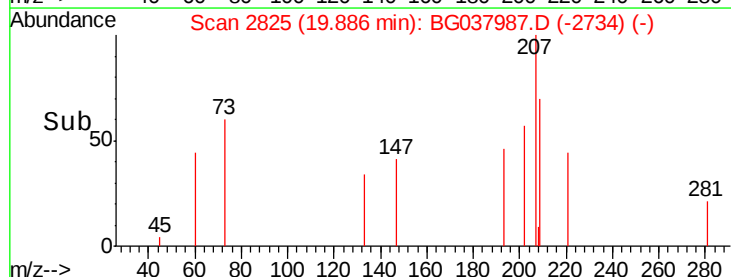
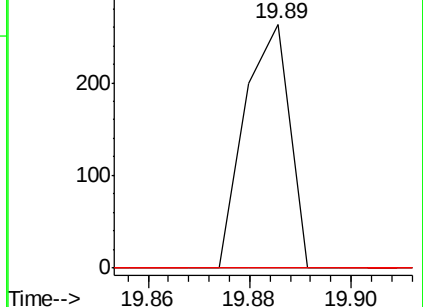
203 0.0 15.2 22.8#

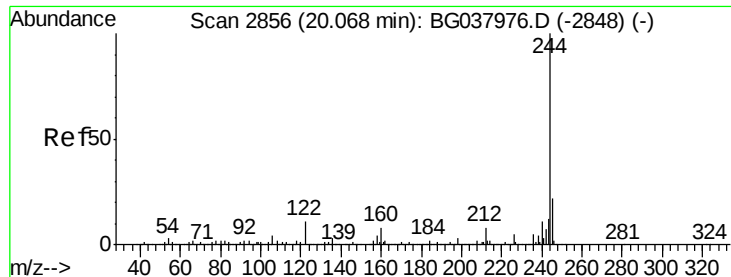


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 89.482 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

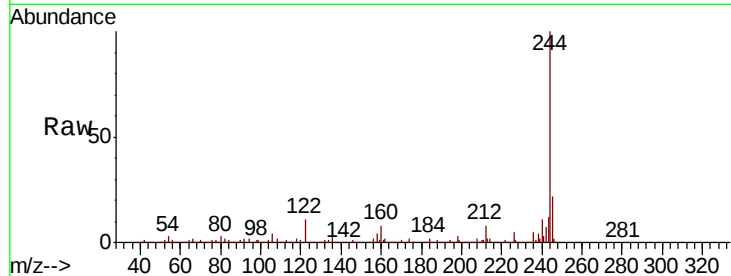
Tgt Ion:244 Resp: 1092838

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

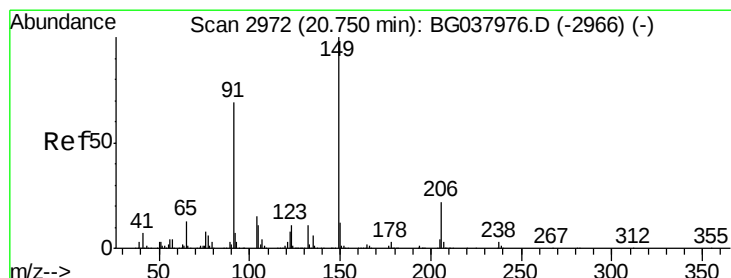
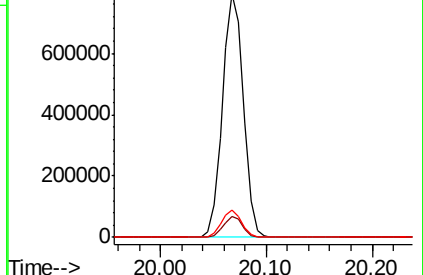
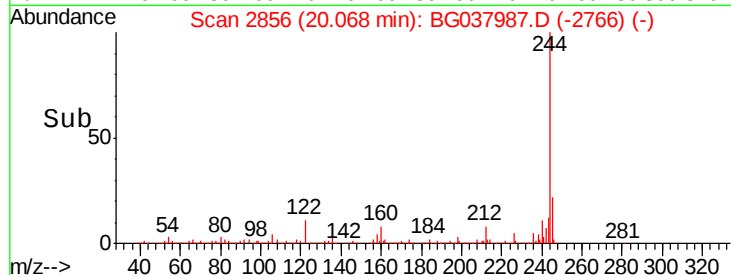
122 11.2 9.0 13.4



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: 0.010 ng

RT: 20.74 min Scan# 2971

Delta R.T. -0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

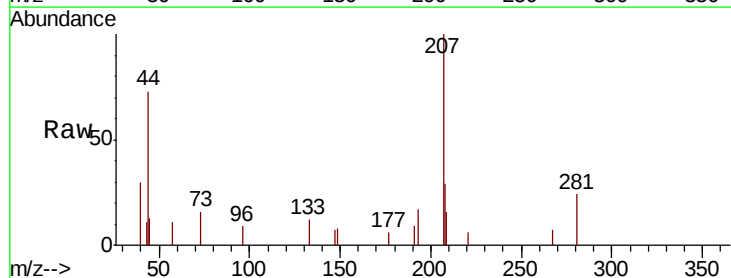
Tgt Ion:149 Resp: 83

Ion Ratio Lower Upper

149 100

91 0.0 57.0 85.4#

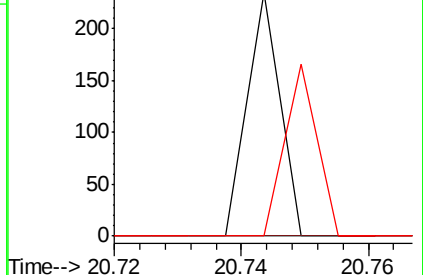
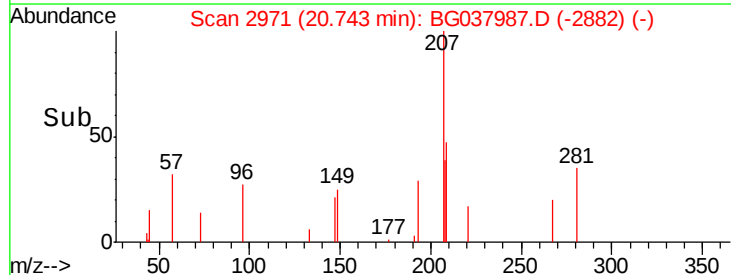
206 0.0 17.8 26.6#

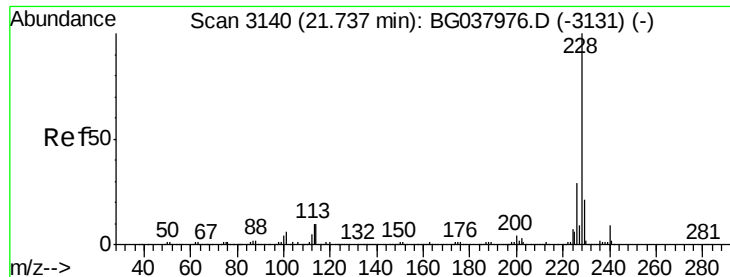


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.073 ng

RT: 21.75 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampled :

W-4-S

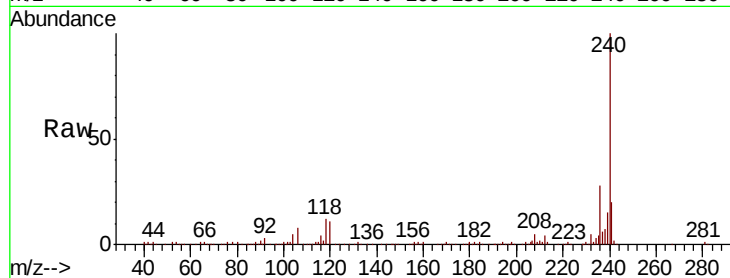
Tgt Ion:228 Resp: 1276

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

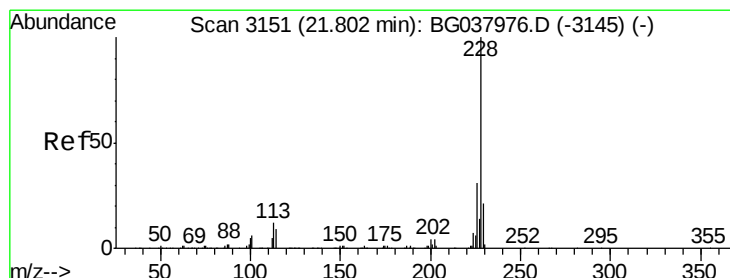
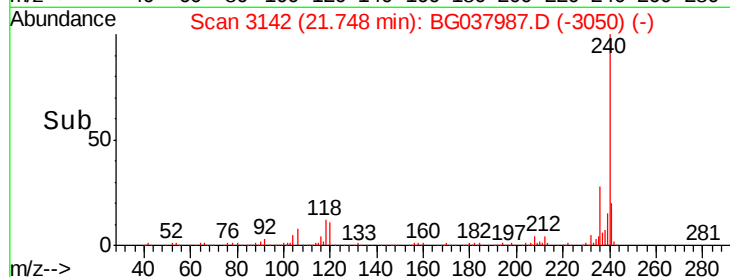
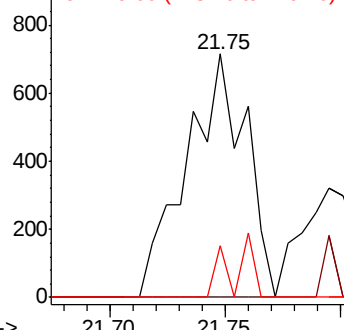
229 21.1 16.3 24.5



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



#83

Chrysene

Concen: 0.030 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

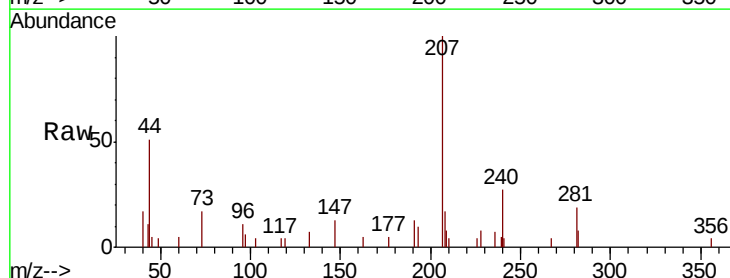
Tgt Ion:228 Resp: 494

Ion Ratio Lower Upper

228 100

226 56.4 25.7 38.5#

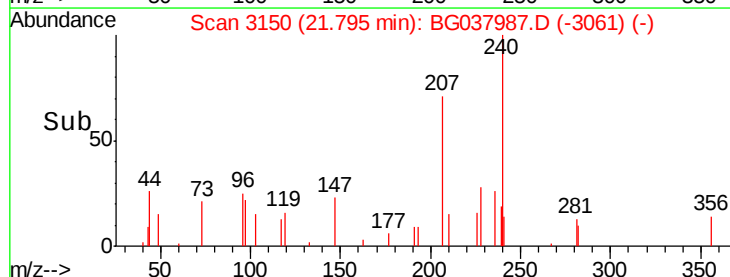
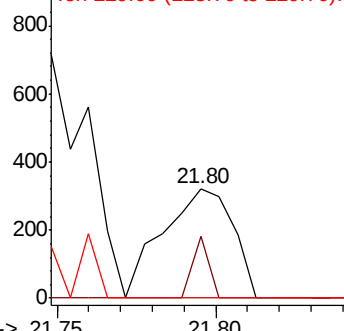
229 0.0 16.5 24.7#

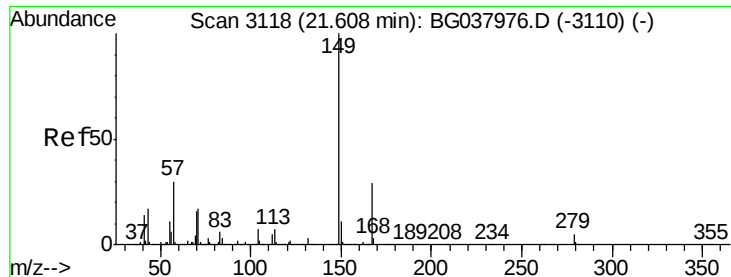


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.047 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

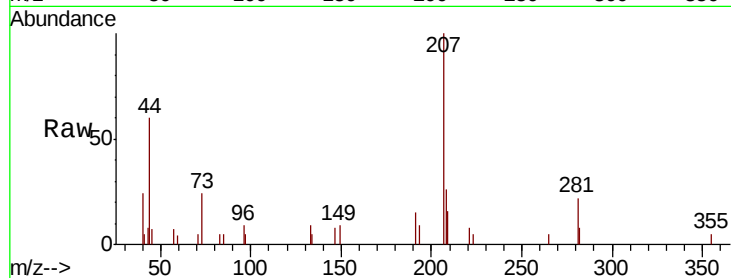
Tgt Ion:149 Resp: 553

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

21.60

300

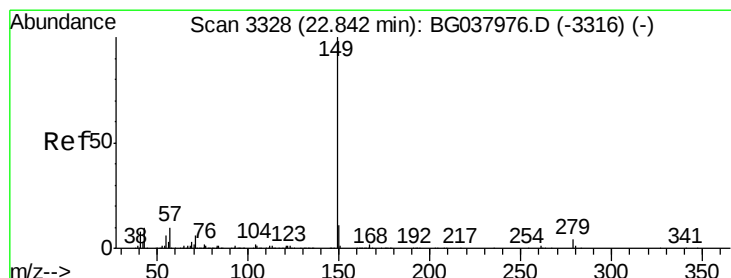
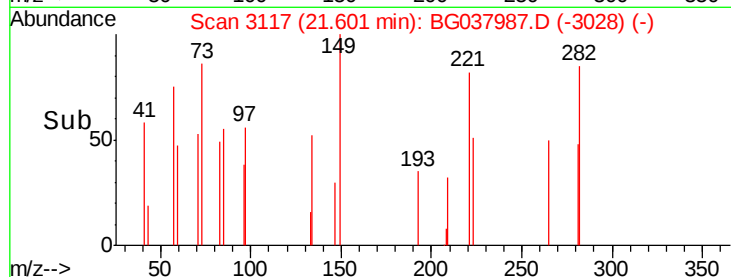
200

100

0

21.55 21.60 21.65

Time-->



#85

Di-n-octyl phthalate

Concen: 0.003 ng

RT: 22.82 min Scan# 3325

Delta R.T. -0.02 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

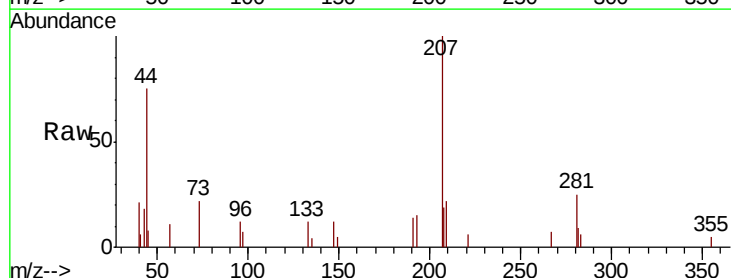
Tgt Ion:149 Resp: 63

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 761.9 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

800

600

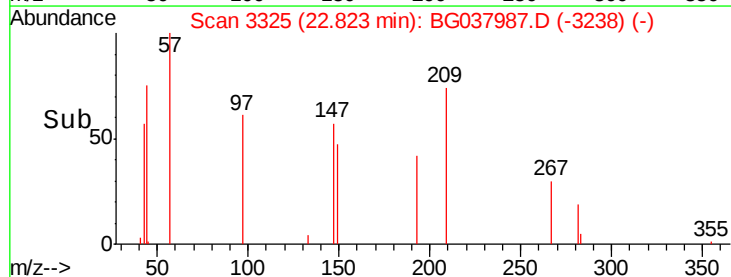
400

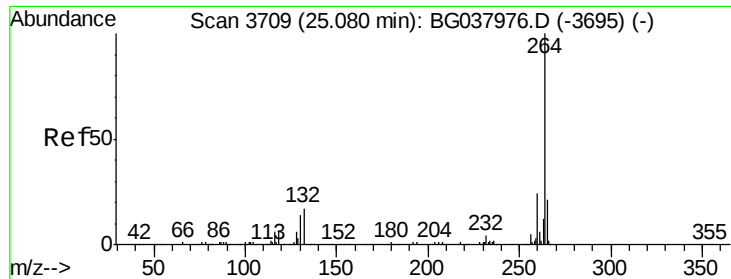
200

0

22.81 22.82 22.83

Time-->



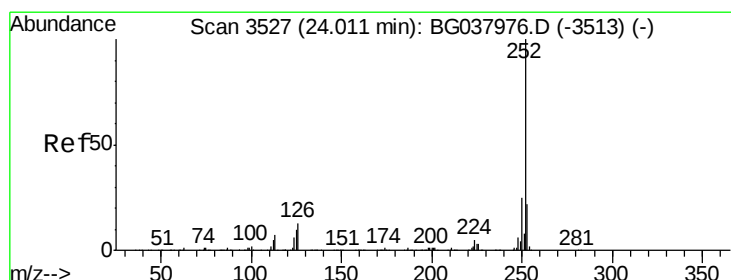
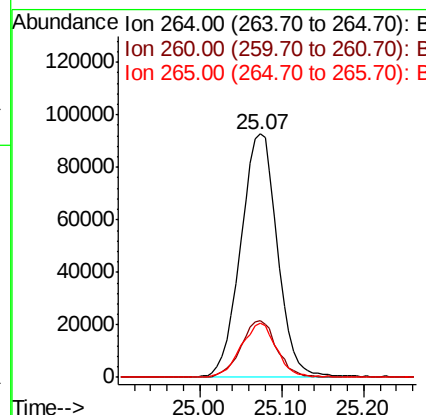
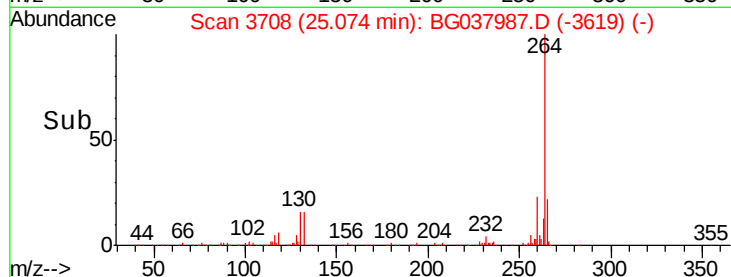
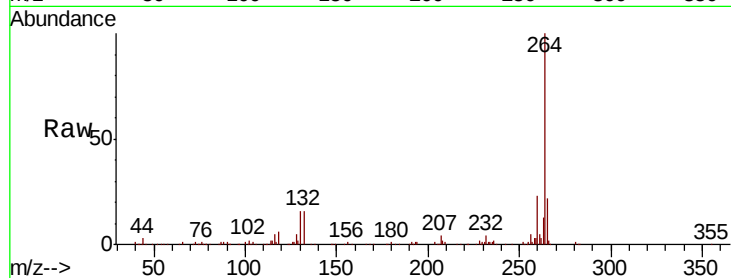


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Instrument :
BNA_G
ClientSampleId :
W-4-S

Tgt Ion: 264 Resp: 288943

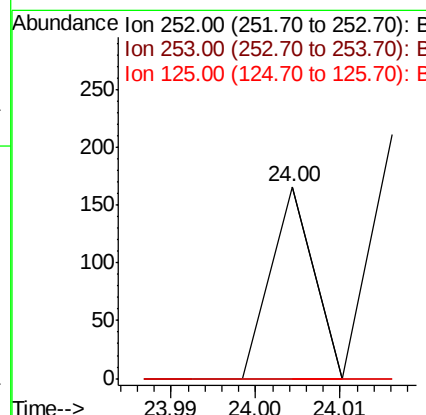
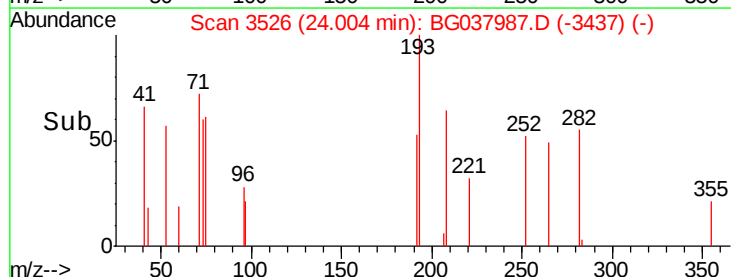
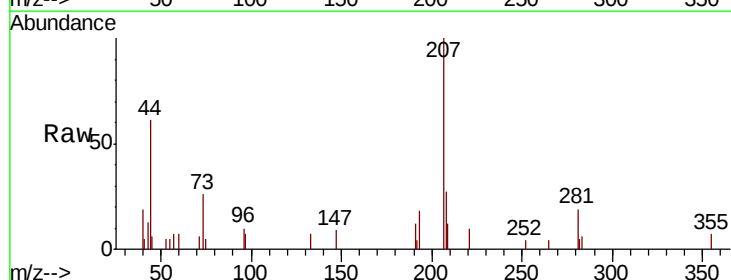
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.4
265	22.3	17.9	26.9

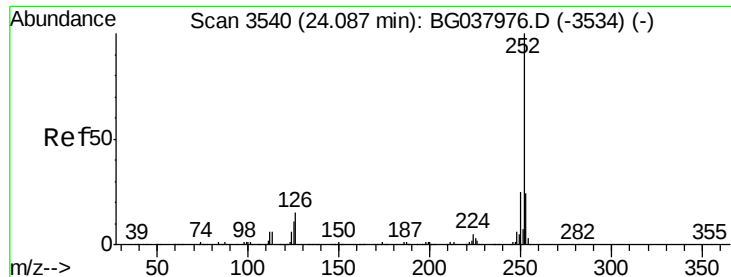


#88
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.00 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG037987.D
Acq: 13 Nov 2018 21:17

Tgt Ion: 252 Resp: 59

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.2#
125	0.0	7.8	11.6#





#89

Benzo(k)fluoranthene

Concen: 0.012 ng

RT: 24.09 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

Instrument :

BNA_G

ClientSampleId :

W-4-S

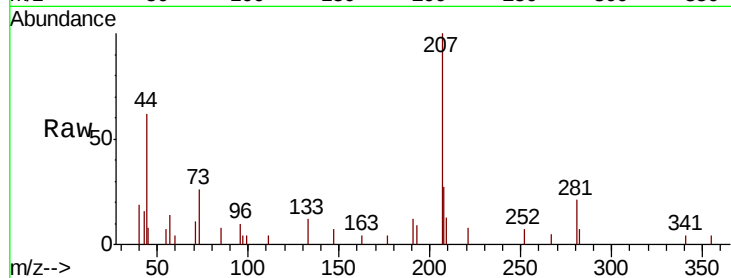
Tgt Ion: 252 Resp: 183

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

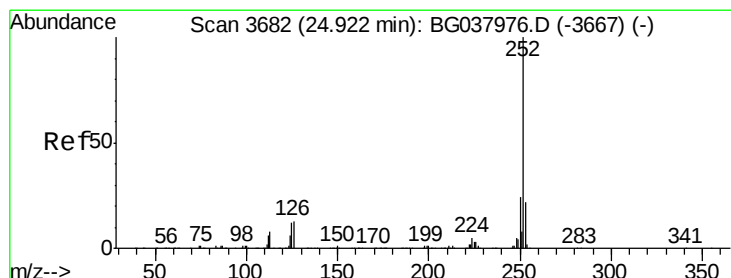
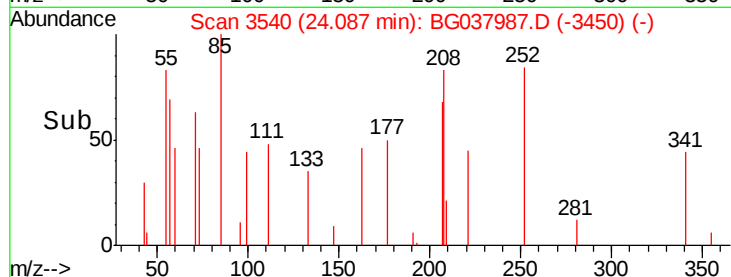
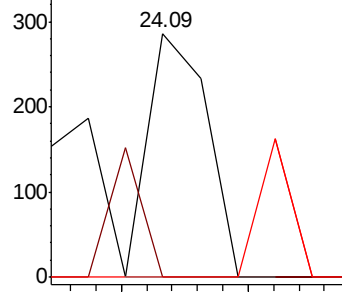
125 0.0 7.4 11.0#



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: 0.011 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG037987.D

Acq: 13 Nov 2018 21:17

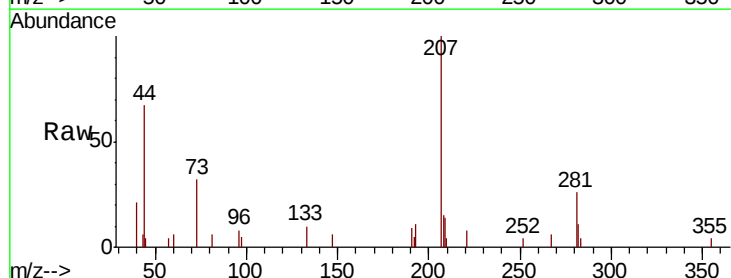
Tgt Ion: 252 Resp: 167

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

