

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022920\
 Data File : BG044628.D
 Acq On : 29 Feb 2020 12:12
 Operator : CG/JU
 Sample : PB127145BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 02 08:08:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 07:39:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	62213	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	248426	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	159773	20.00	ng	0.00
64) Phenanthrene-d10	17.25	188	388846	20.00	ng	0.00
76) Chrysene-d12	21.50	240	403716	20.00	ng	0.00
87) Perylene-d12	24.56	264	409498	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	514180	132.61	ng	0.00
7) Phenol-d6	7.04	99	637517	120.12	ng	0.00
23) Nitrobenzene-d5	9.02	82	377808	78.35	ng	0.00
42) 2,4,6-Tribromophenol	16.00	330	262703	115.96	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	909101	81.48	ng	0.00
79) Terphenyl-d14	19.87	244	1647668	77.26	ng	0.00

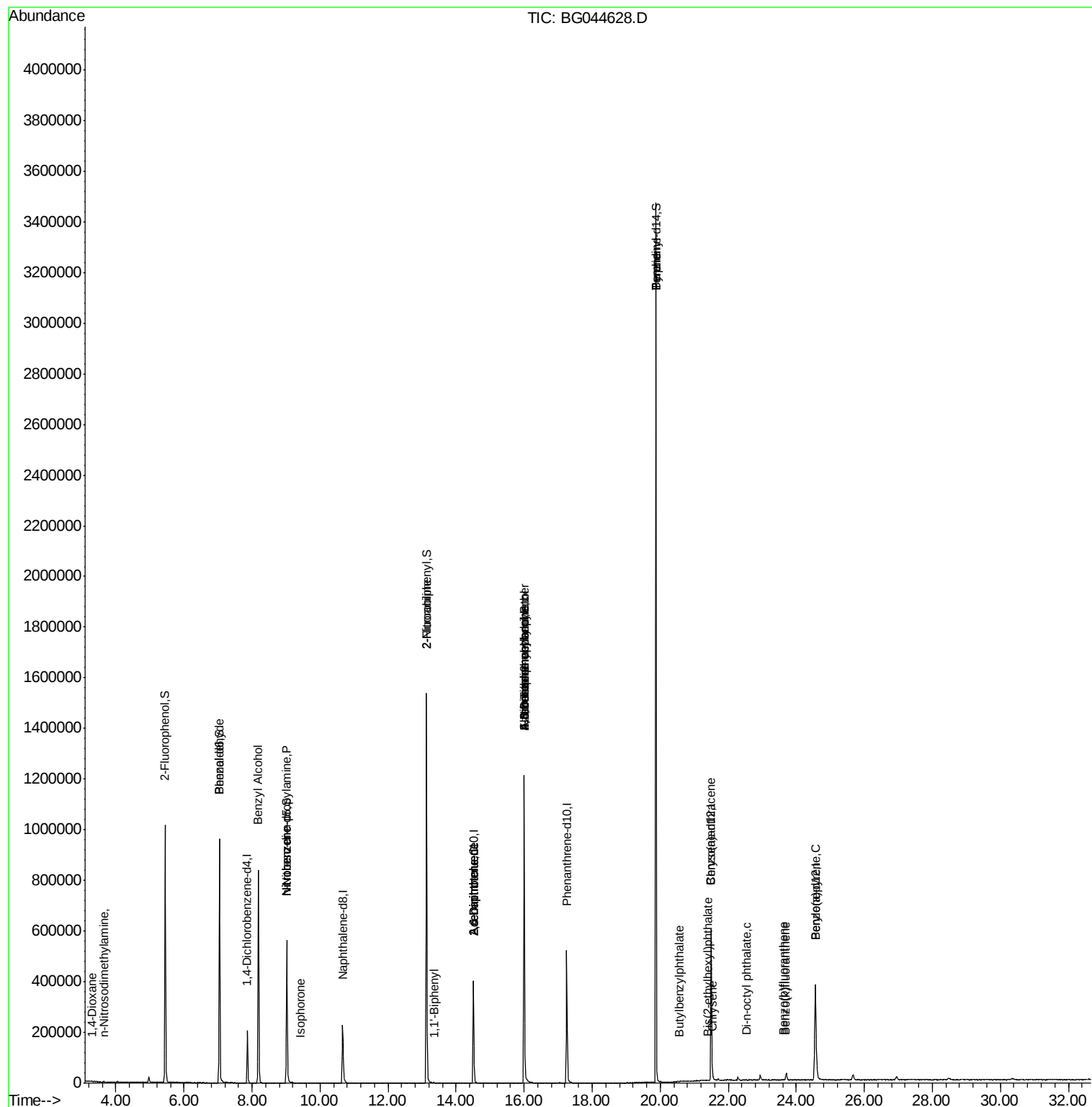
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	54	0.032	ng	# 1
4) n-Nitrosodimethylamine	3.64	42	124	0.069	ng	# 1
9) Benzaldehyde	7.04	77	899	0.288	ng	# 1
15) Benzyl Alcohol	8.19	79	6742	1.884	ng	# 48
19) n-Nitroso-di-n-propylamine	9.02	70	49205	14.423	ng	# 75
24) Nitrobenzene	9.02	77	1227	0.263	ng	# 34
25) Isophorone	9.40	82	294	0.033	ng	# 65
46) 1,1'-Biphenyl	13.34	154	1837	0.139	ng	# 92
48) 2-Nitroaniline	13.13	65	1198	0.416	ng	# 1
51) 2,6-Dinitrotoluene	14.51	165	20429	7.183	ng	# 32
52) Acenaphthene	14.51	154	475	0.049	ng	# 5
57) 2,4-Dinitrotoluene	14.51	165	20429	5.109	ng	# 31
58) Fluorene	16.00	166	10672	0.900	ng	# 86
63) Azobenzene	16.00	77	1120	0.103	ng	# 18
65) 4,6-Dinitro-2-methylphenol	16.00	198	830	0.345	ng	# 1
66) n-Nitrosodiphenylamine	16.00	169	8431	0.695	ng	# 43
67) 4-Bromophenyl-phenylether	16.00	248	18089	3.748	ng	# 1
77) Benzidine	19.87	184	25407	1.837	ng	# 93
78) Pvrene	19.87	202	5568	0.190	ng	# 71
80) Butylbenzylphthalate	20.57	149	55	0.004	ng	# 26
81) Benzo(a)anthracene	21.50	228	1260	0.044	ng	# 59
83) Chrysene	21.55	228	203	0.007	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.40	149	62	0.004	ng	# 51
85) Di-n-octyl phthalate	22.55	149	75	0.002	ng	# 80
88) Benzo(b)fluoranthene	23.63	252	53	0.002	ng	# 59
89) Benzo(k)fluoranthene	23.67	252	156	0.006	ng	# 58
90) Benzo(a)pyrene	24.57	252	1346	0.053	ng	# 78

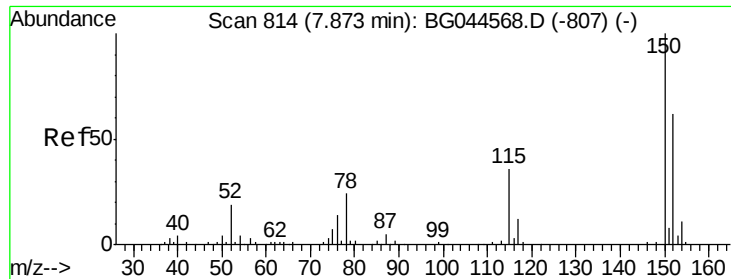
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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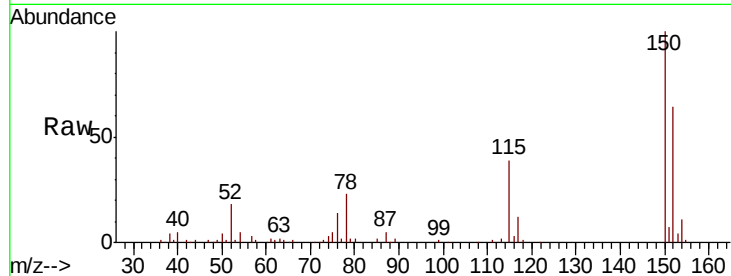


#1

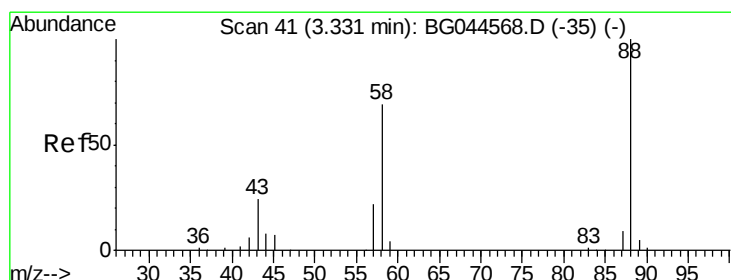
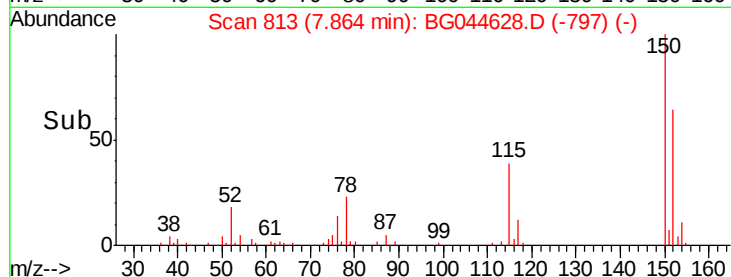
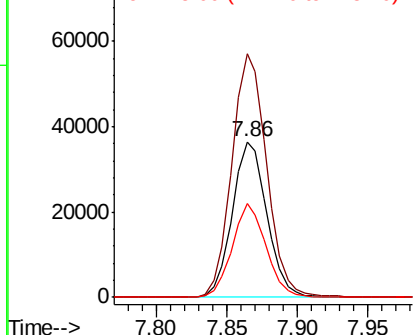
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG044628.D
Acq: 29 Feb 2020 12:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62213
Ion Ratio Lower Upper
152 100
150 156.2 128.9 193.3
115 60.6 47.0 70.4



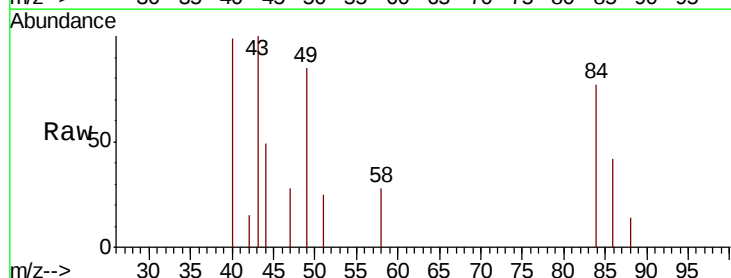
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



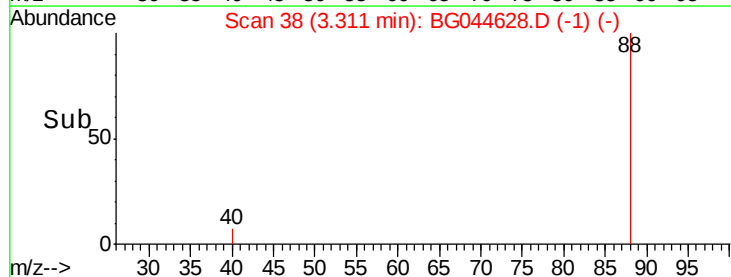
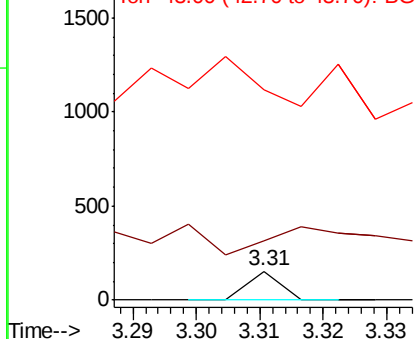
#2

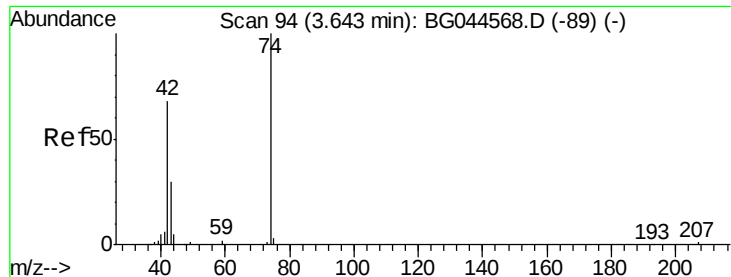
1,4-Dioxane
Concen: 0.032 ng
RT: 3.31 min Scan# 38
Delta R.T. -0.02 min
Lab File: BG044628.D
Acq: 29 Feb 2020 12:12

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
58 98.1 55.8 83.8#
43 1409.3 20.6 31.0#



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: 0.069 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampled :

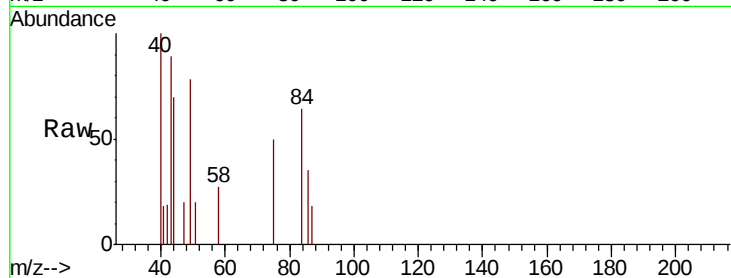
Tot Ion: 42 Resp: 124

Ion Ratio Lower Upper

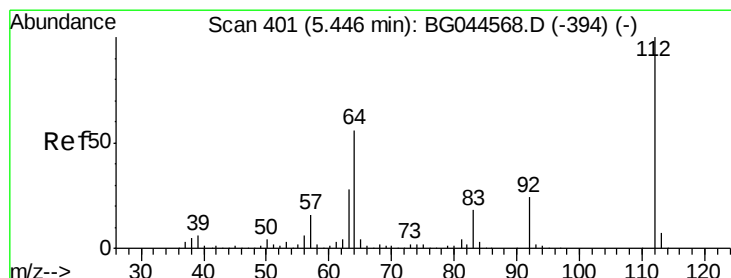
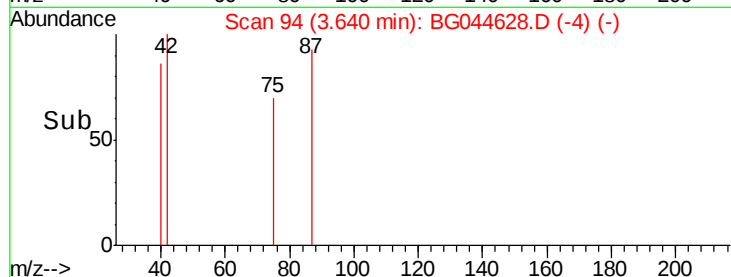
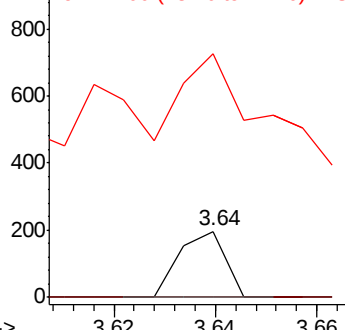
42 100

74 0.0 117.6 176.4#

44 368.5 6.3 9.5#



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: 132.607 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

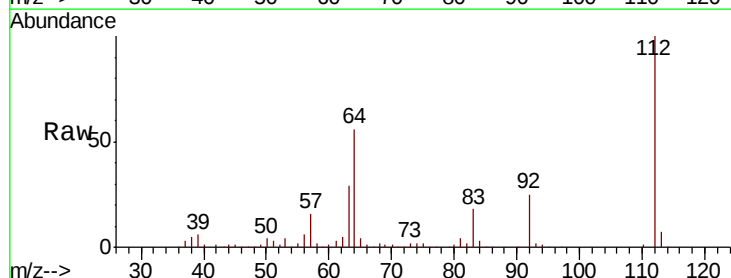
Tgt Ion: 112 Resp: 514180

Ion Ratio Lower Upper

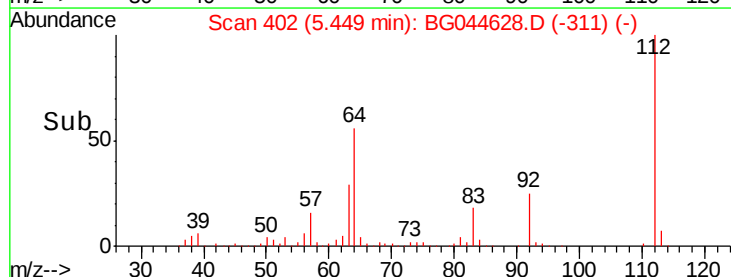
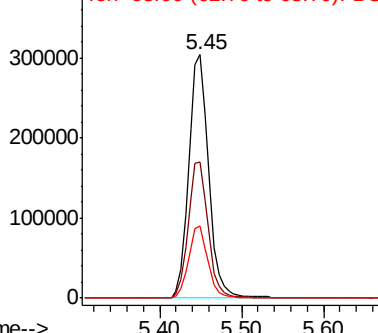
112 100

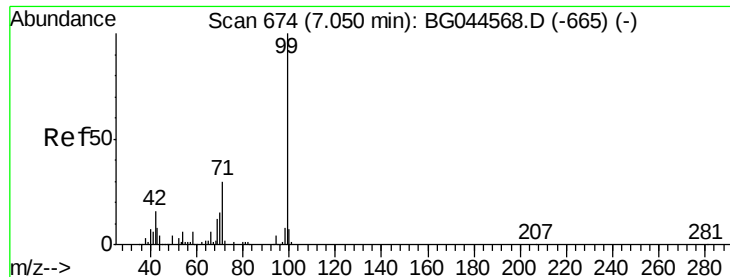
64 56.1 44.8 67.2

63 29.4 22.3 33.5



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





#7

Phenol-d6

Concen: 120.115 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampleId :

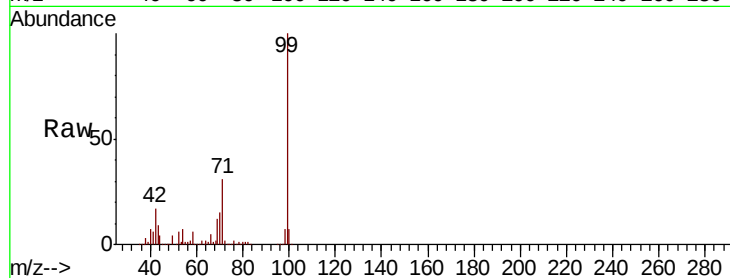
Tot Ion: 99 Resp: 637517

Ion Ratio Lower Upper

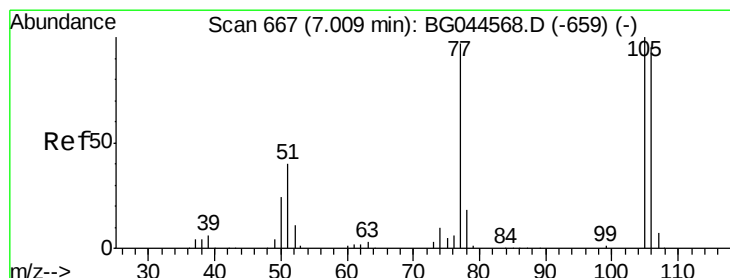
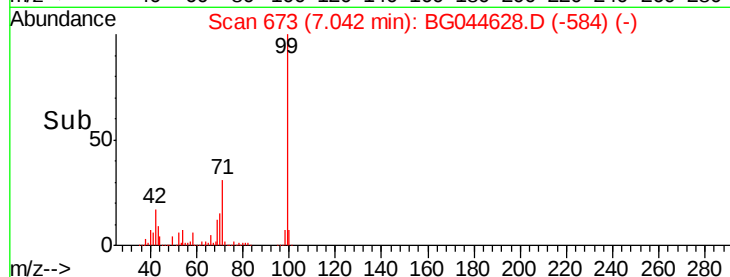
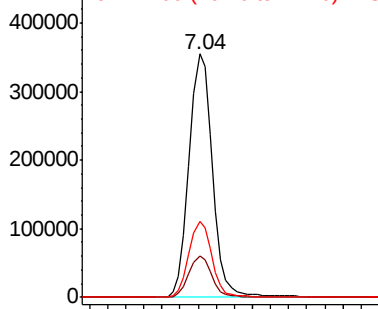
99 100

42 17.0 12.8 19.2

71 31.2 24.4 36.6



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: 0.288 ng

RT: 7.04 min Scan# 673

Delta R.T. 0.03 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

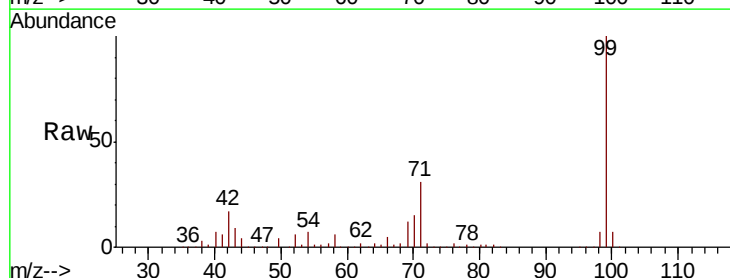
Tgt Ion: 77 Resp: 899

Ion Ratio Lower Upper

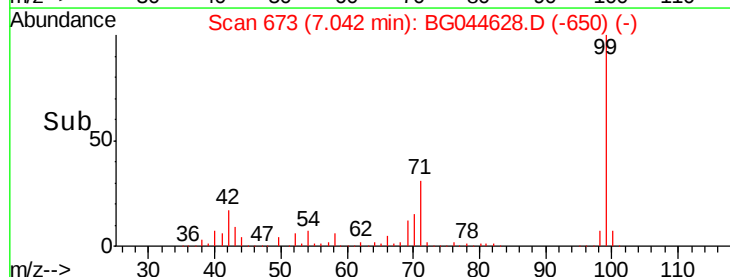
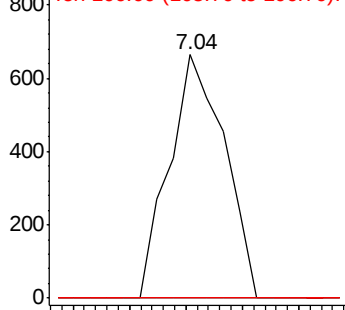
77 100

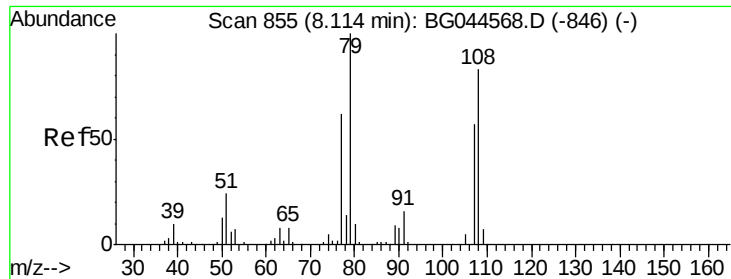
105 0.0 83.6 123.6#

106 0.0 78.2 118.2#



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





#15

Benzyl Alcohol

Concen: 1.884 ng

RT: 8.19 min Scan# 868

Delta R.T. 0.07 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampled :

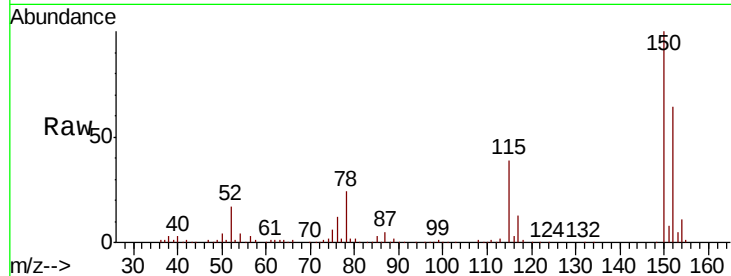
Tot Ion: 79 Resp: 6742

Ion Ratio Lower Upper

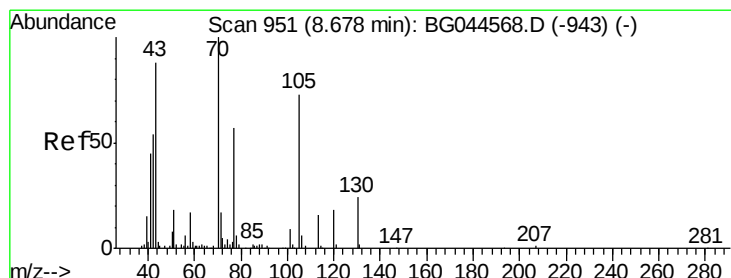
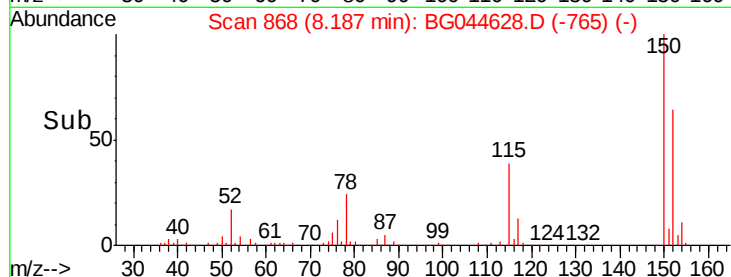
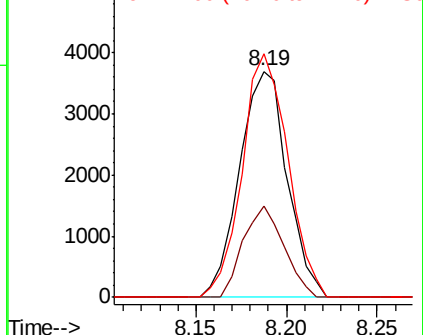
79 100

108 40.5 66.0 99.0#

77 107.6 49.6 74.4#



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.423 ng

RT: 9.02 min Scan# 1010

Delta R.T. 0.34 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Tgt Ion: 70 Resp: 49205

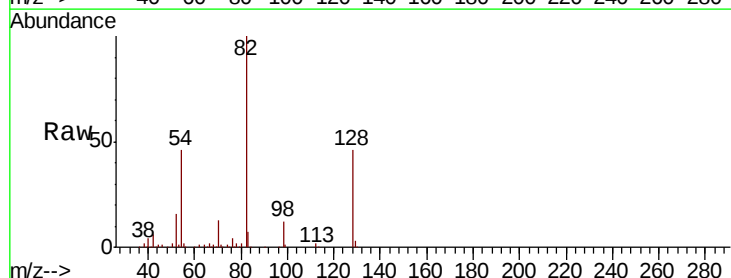
Ion Ratio Lower Upper

70 100

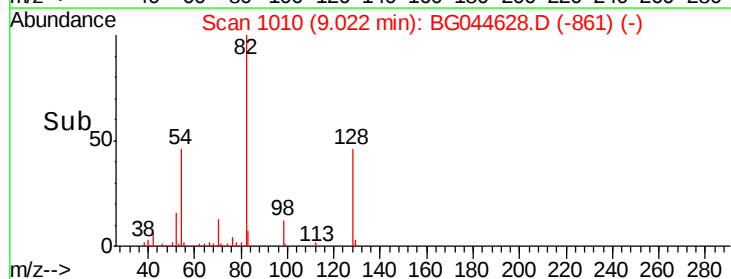
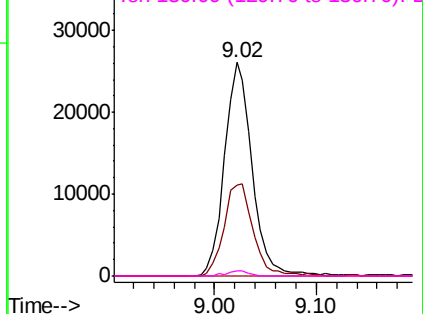
42 42.6 43.4 65.0#

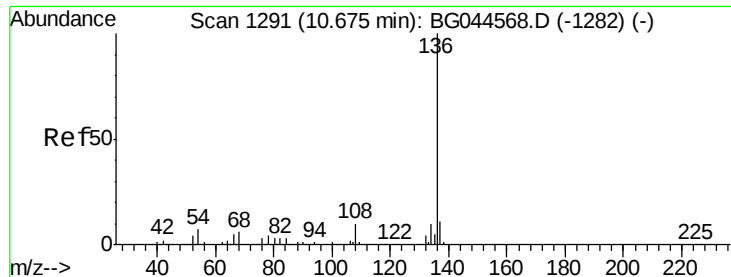
101 0.0 7.5 11.3#

130 2.2 18.9 28.3#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 248426

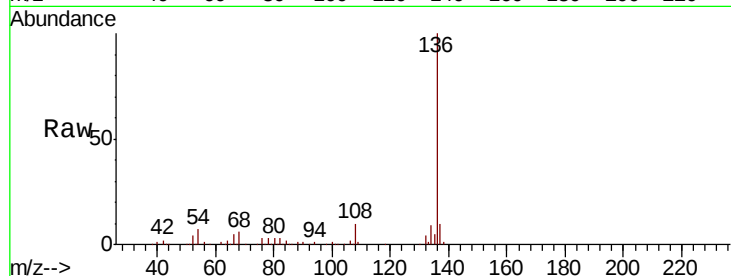
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 7.3 5.7 8.5

68 5.6 4.5 6.7

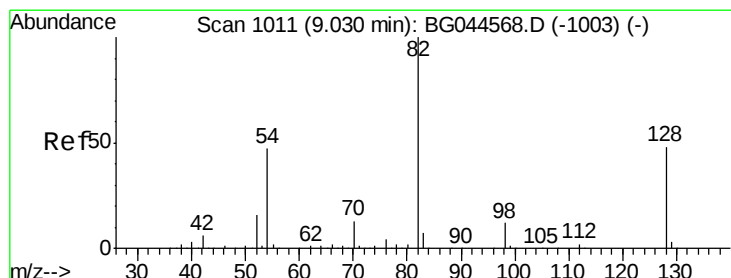
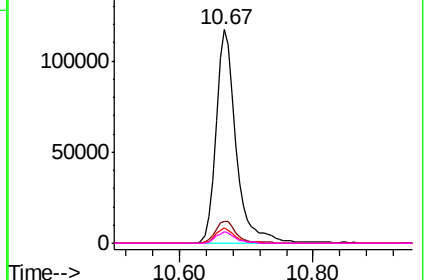
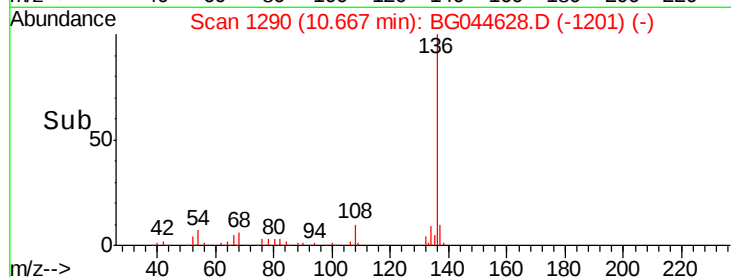


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 78.349 ng

RT: 9.02 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

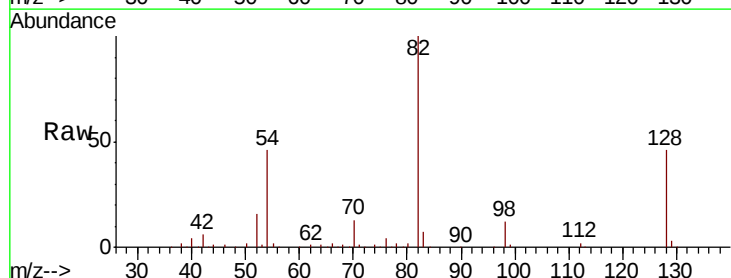
Tgt Ion: 82 Resp: 377808

Ion Ratio Lower Upper

82 100

128 46.4 38.1 57.1

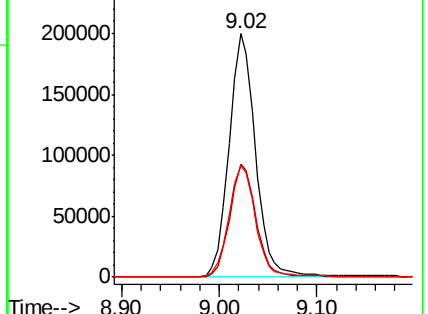
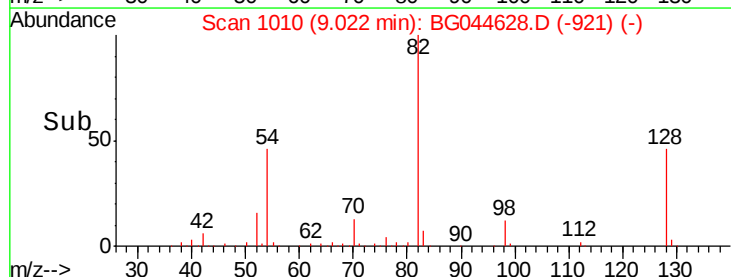
54 45.9 37.5 56.3

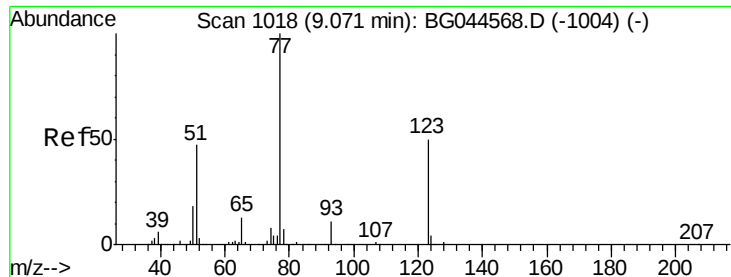


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 0.263 ng

RT: 9.02 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampled :

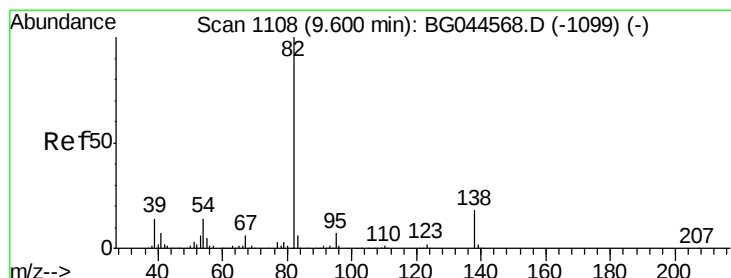
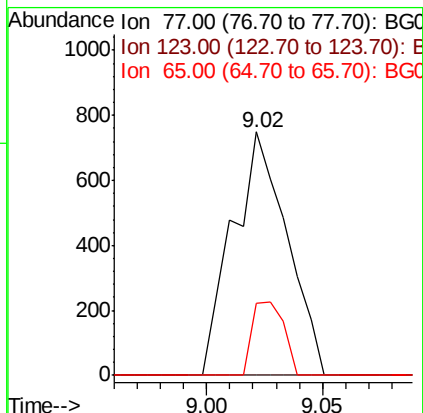
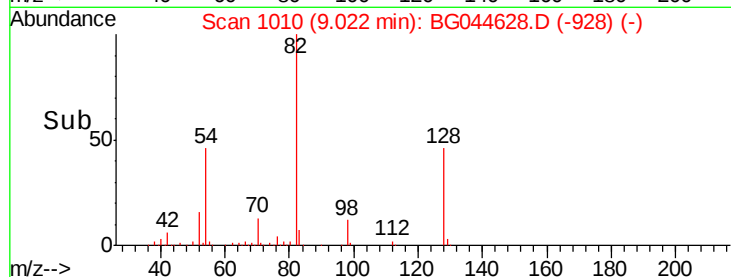
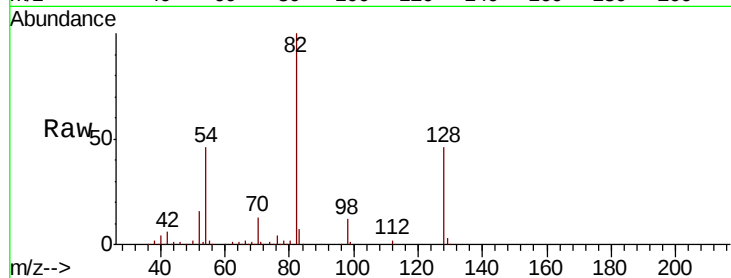
Tot Ion: 77 Resp: 1227

Ion Ratio Lower Upper

77 100

123 0.0 40.1 60.1#

65 29.5 10.4 15.6#



#25

Isophorone

Concen: 0.033 ng

RT: 9.40 min Scan# 1075

Delta R.T. -0.20 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

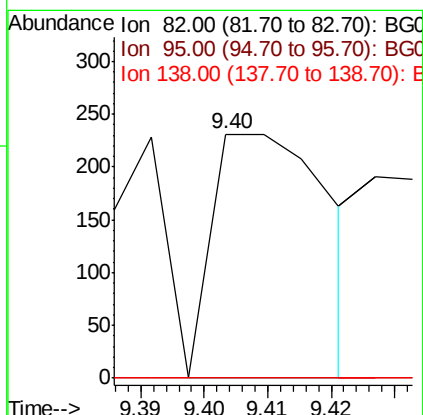
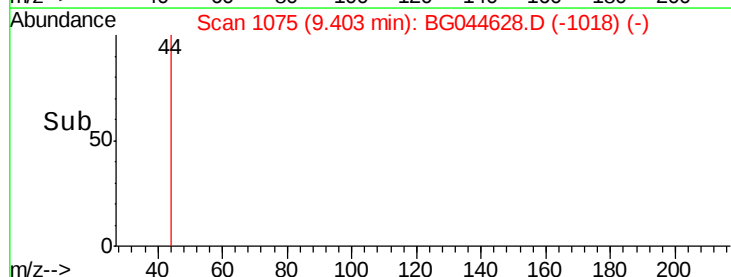
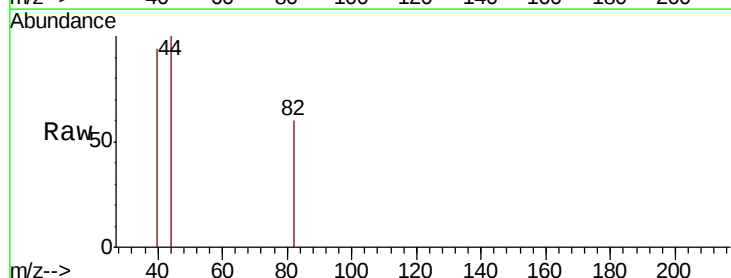
Tgt Ion: 82 Resp: 294

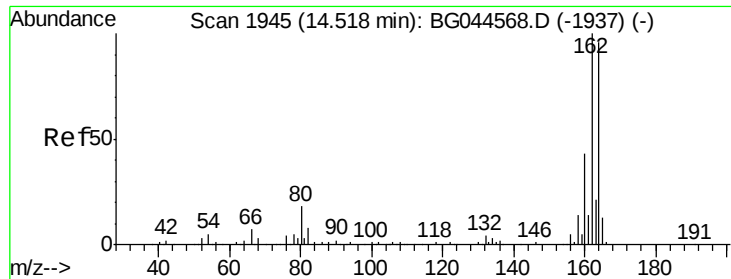
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.7 22.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampleId :

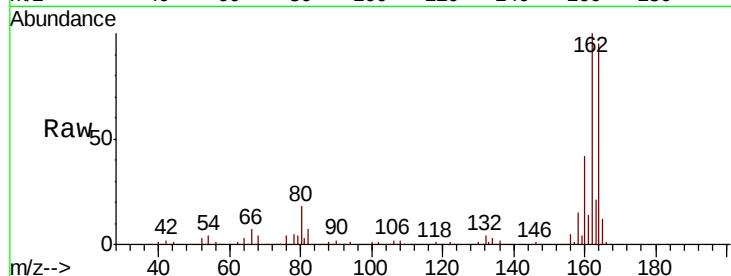
Tot Ion:164 Resp: 159773

Ion Ratio Lower Upper

164 100

162 104.8 83.6 125.4

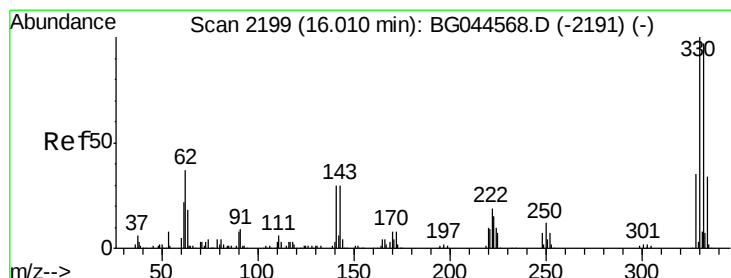
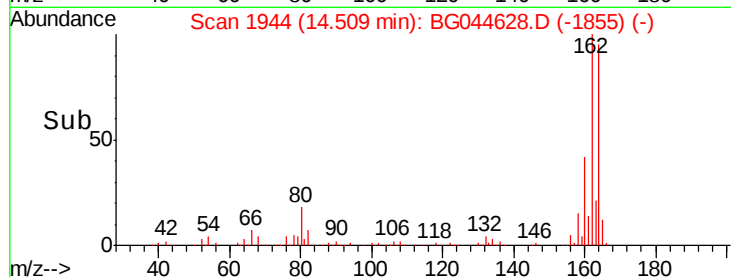
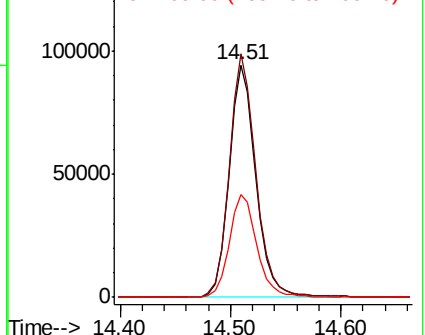
160 44.1 36.2 54.4



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: 115.960 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

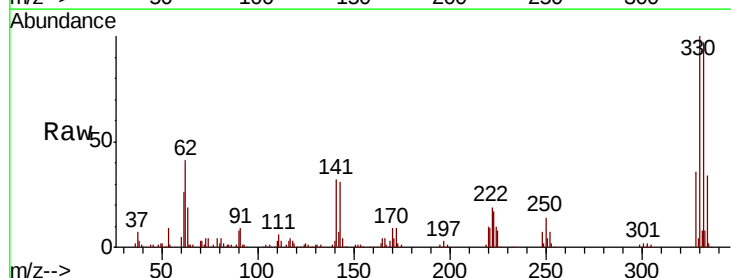
Tgt Ion:330 Resp: 262703

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

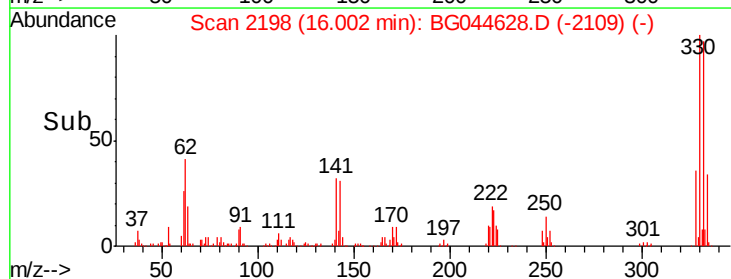
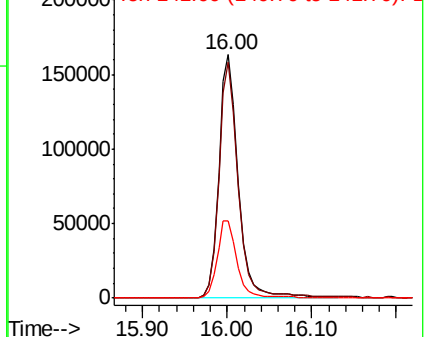
141 33.1 26.1 39.1

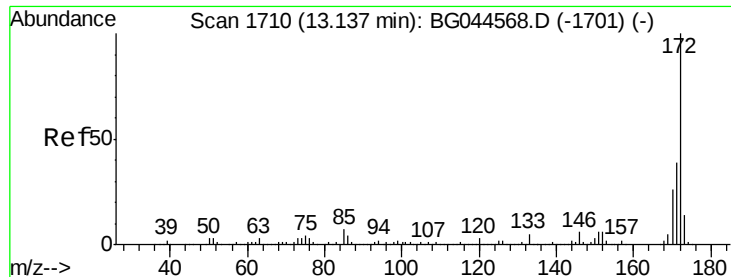


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

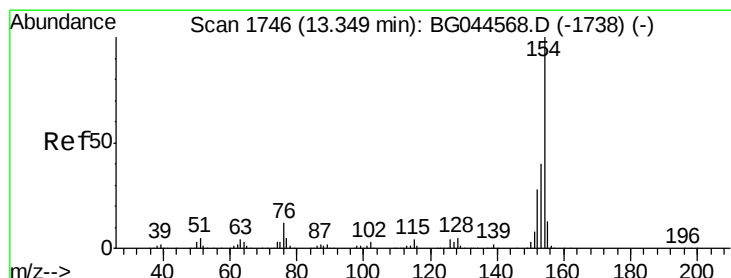
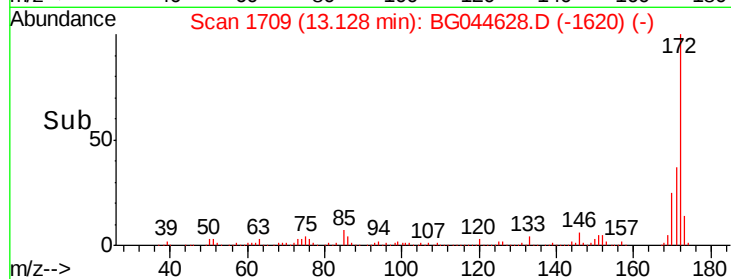
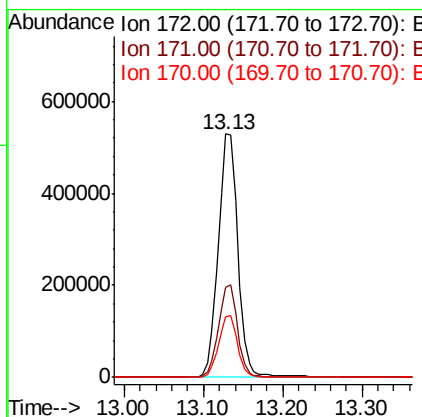
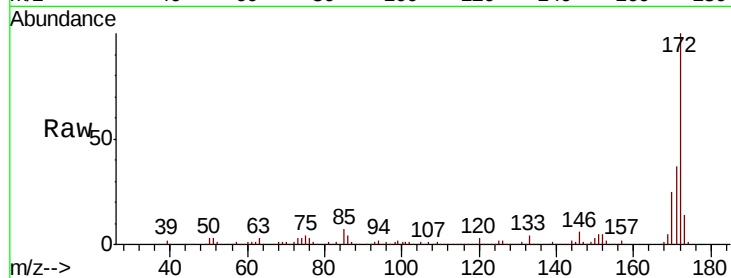




#45
 2-Fluorobiphenyl
 Concen: 81.480 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

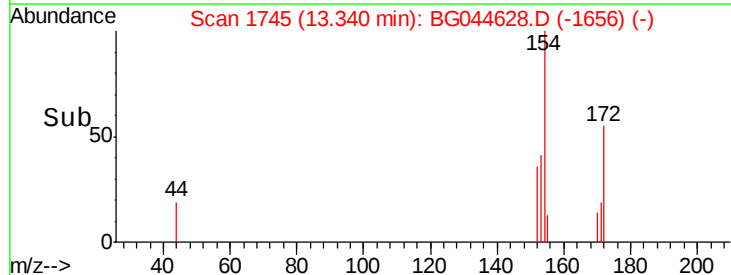
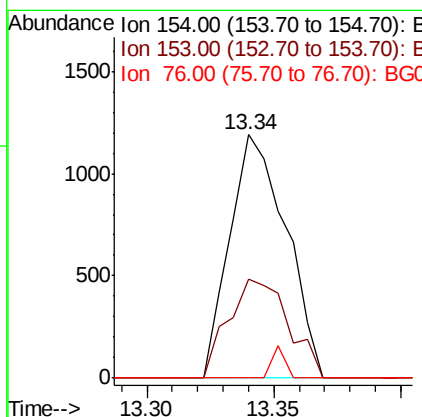
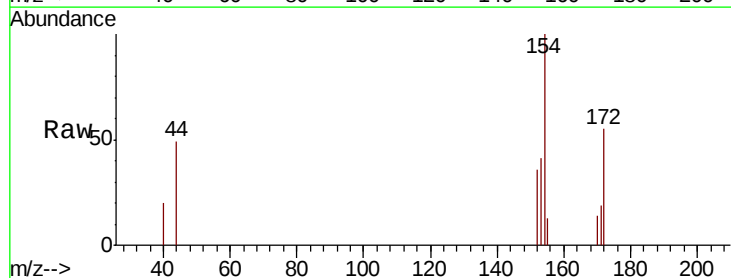
Instrument :
 BNA_G
 ClientSampleId :

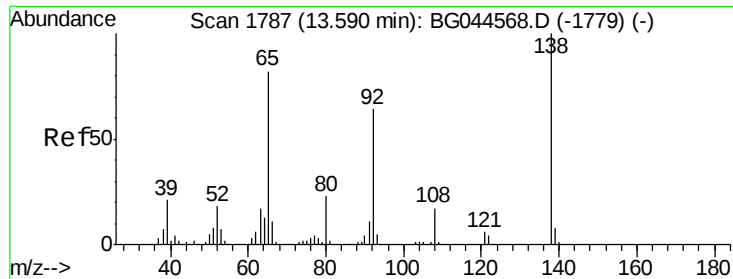
Tot Ion:172 Resp: 909101
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.3 46.9
 170 24.7 21.0 31.4



#46
 1,1'-Biphenyl
 Concen: 0.139 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

Tgt Ion:154 Resp: 1837
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.2 60.2
 76 0.0 0.0 31.8

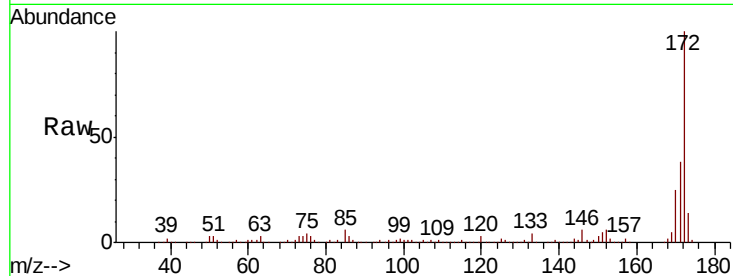




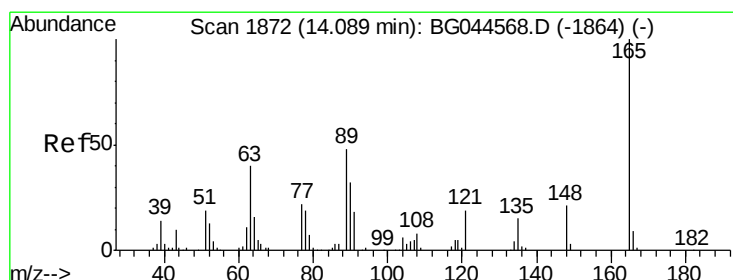
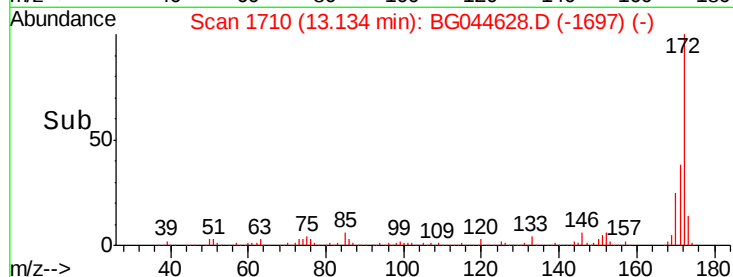
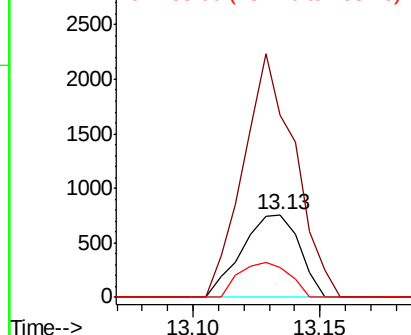
#48
 2-Nitroaniline
 Concen: 0.416 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. -0.46 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 65 Resp: 1198
 Ion Ratio Lower Upper
 65 100
 92 220.9 62.2 93.2#
 138 35.7 97.6 146.4#

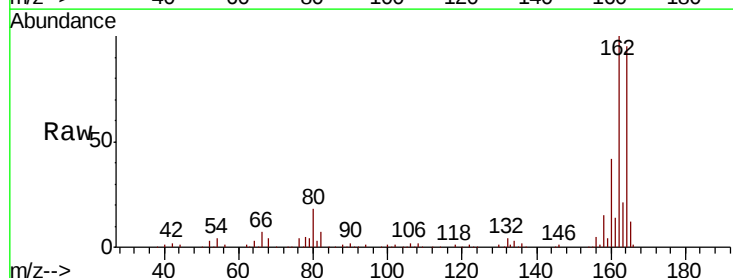


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

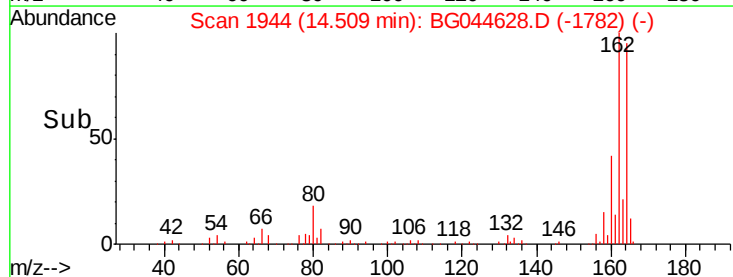
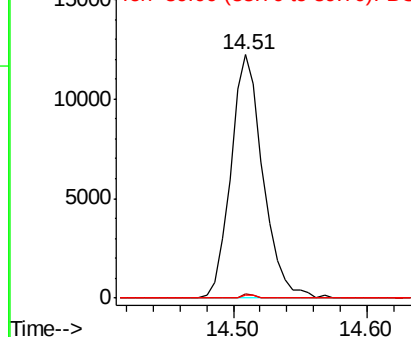


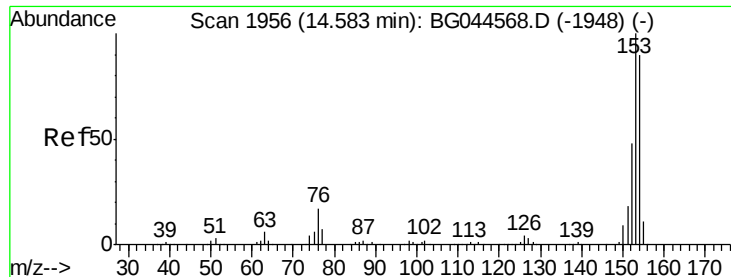
#51
 2,6-Dinitrotoluene
 Concen: 7.183 ng
 RT: 14.51 min Scan# 1944
 Delta R.T. 0.42 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

Tgt Ion:165 Resp: 20429
 Ion Ratio Lower Upper
 165 100
 63 1.5 35.8 53.6#
 89 1.4 38.7 58.1#



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: 0.049 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.07 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampleId :

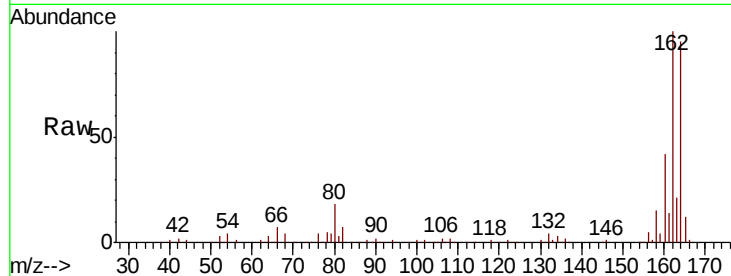
Tot Ion:154 Resp: 475

Ion Ratio Lower Upper

154 100

153 0.0 89.4 134.0#

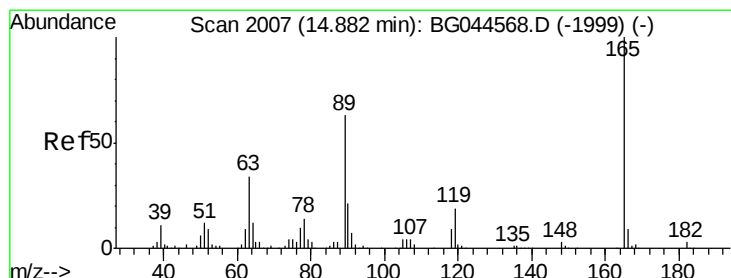
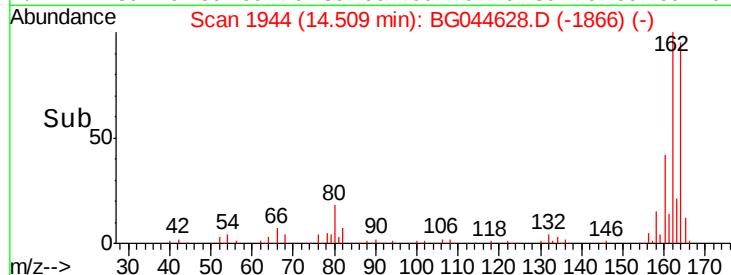
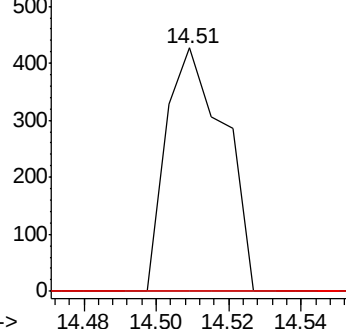
152 0.0 43.0 64.4#



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: 5.109 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.37 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Tgt Ion:165 Resp: 20429

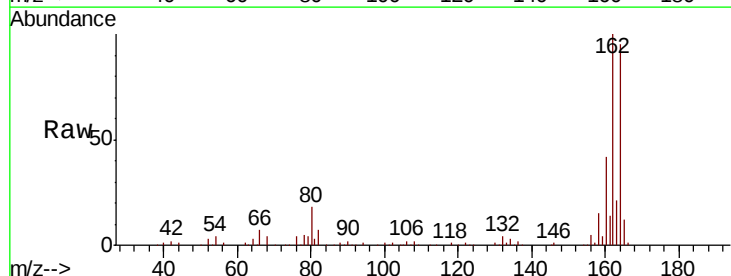
Ion Ratio Lower Upper

165 100

63 1.5 27.5 41.3#

89 1.4 50.0 75.0#

182 0.0 2.3 3.5#

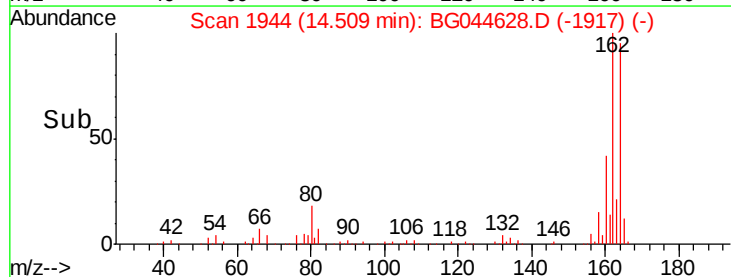
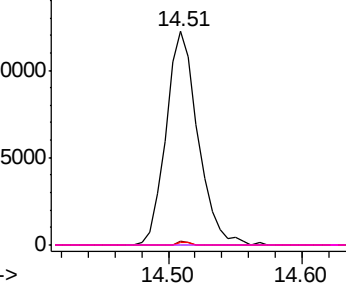


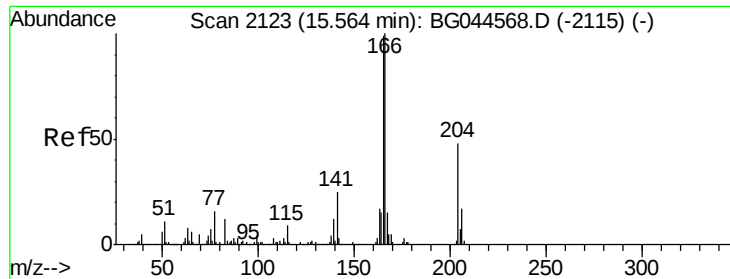
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 0.900 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.44 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampleId :

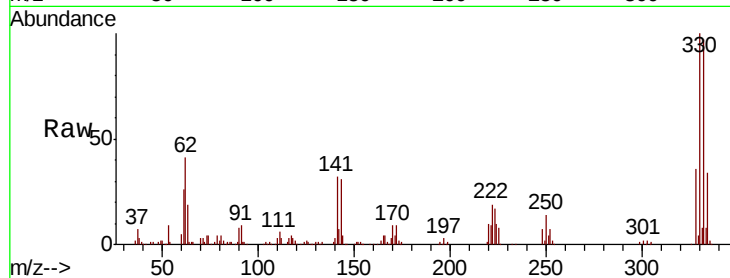
Tot Ion:166 Resp: 10672

Ion Ratio Lower Upper

166 100

165 108.8 79.2 118.8

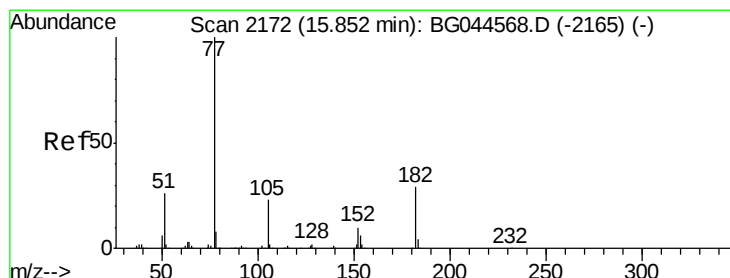
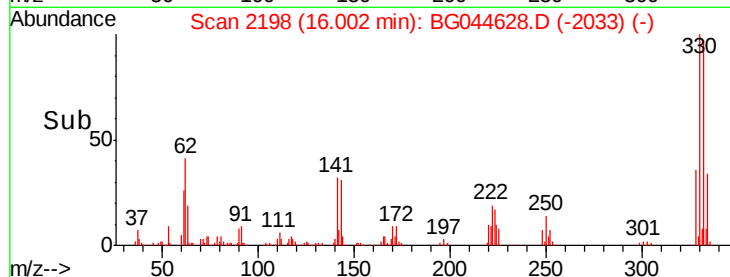
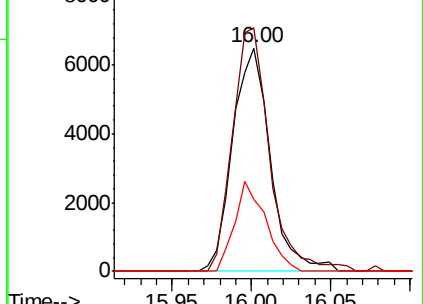
167 32.5 11.7 17.5#



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



#63

Azobenzene

Concen: 0.103 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.15 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Tgt Ion: 77 Resp: 1120

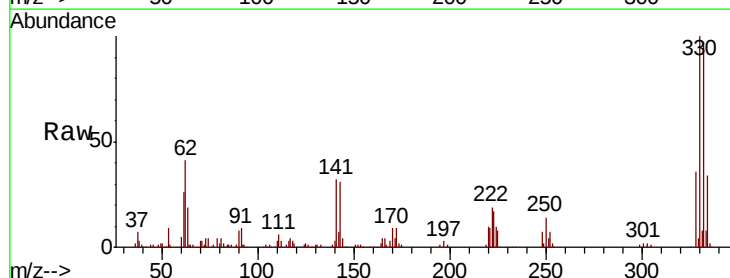
Ion Ratio Lower Upper

77 100

182 0.0 9.4 49.4#

105 83.0 3.4 43.4#

51 65.9 6.4 46.4#

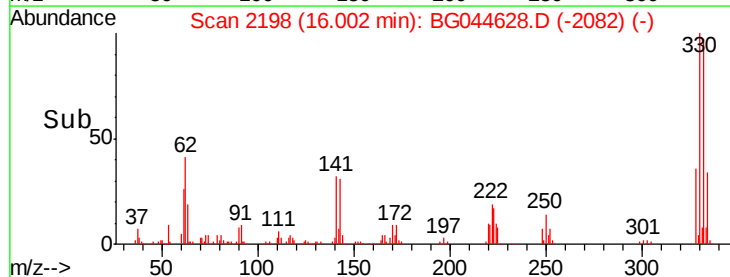
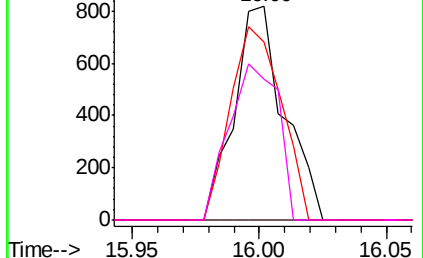


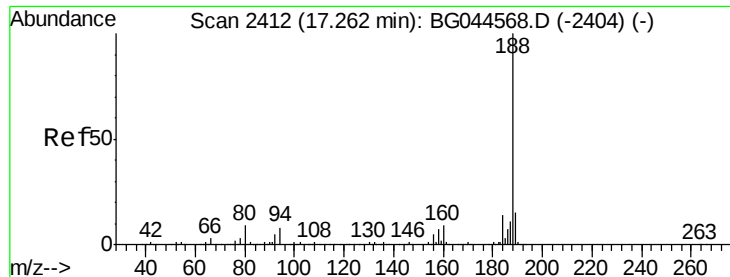
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.25 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampled :

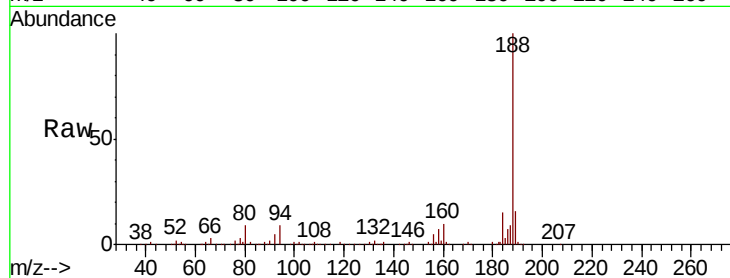
Tot Ion:188 Resp: 388846

Ion Ratio Lower Upper

188 100

94 8.7 6.7 10.1

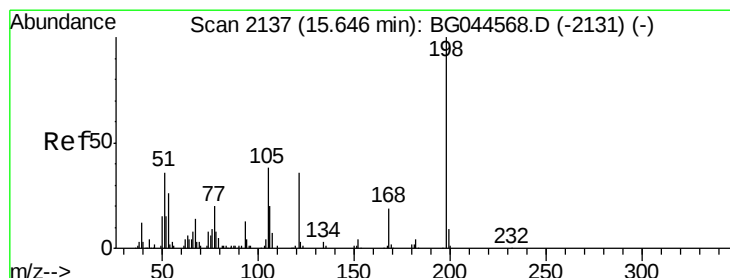
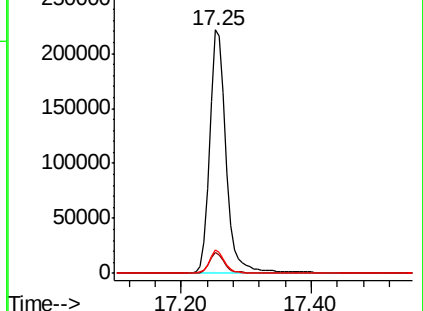
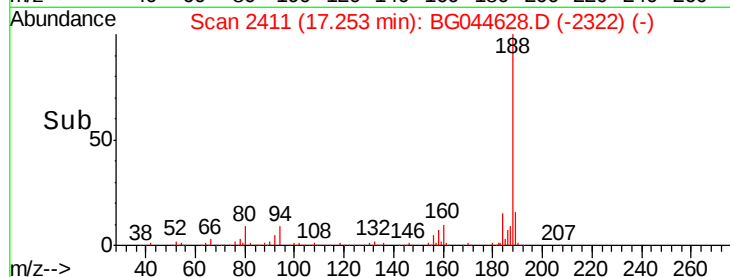
80 9.4 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.345 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.35 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

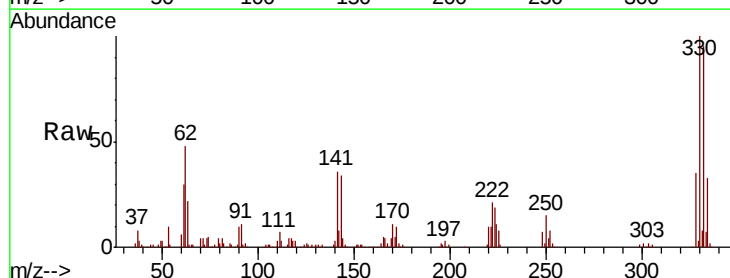
Tgt Ion:198 Resp: 830

Ion Ratio Lower Upper

198 100

51 93.3 17.0 57.0#

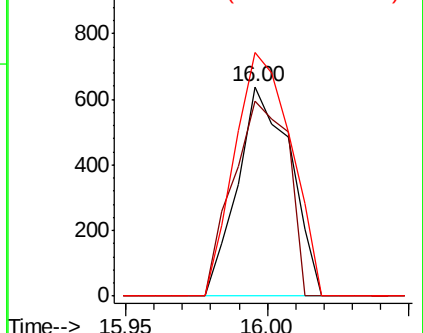
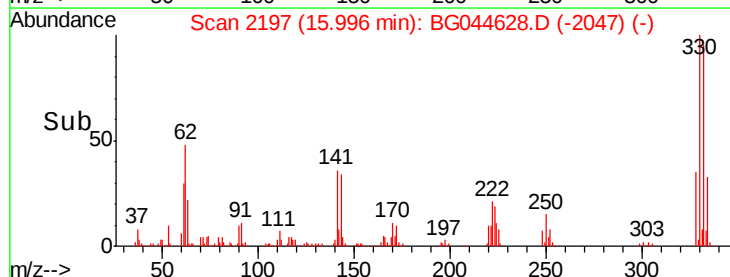
105 116.1 18.4 58.4#

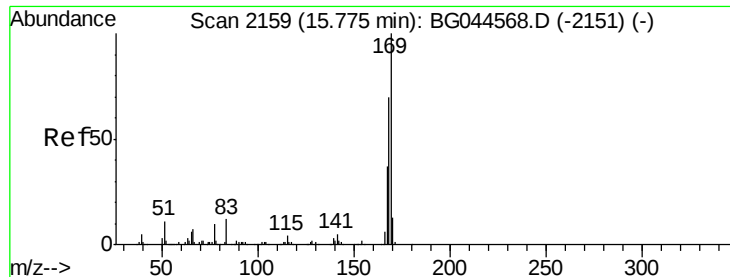


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

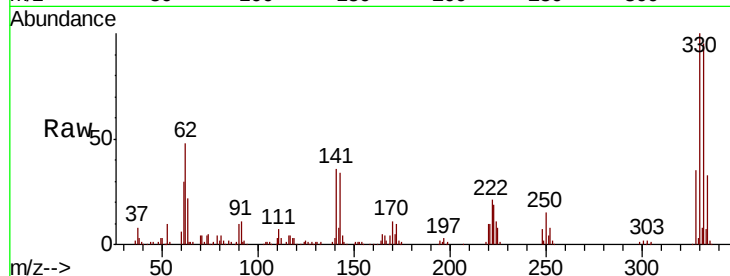




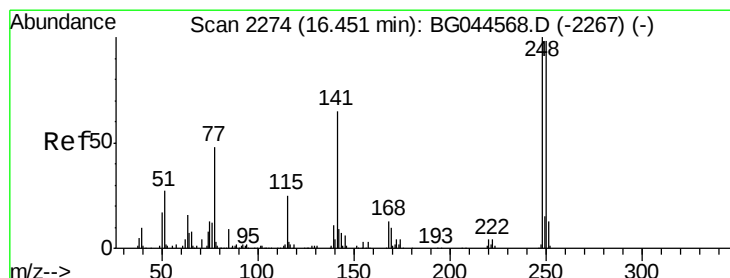
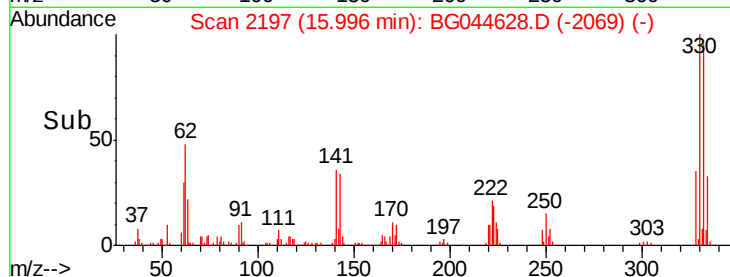
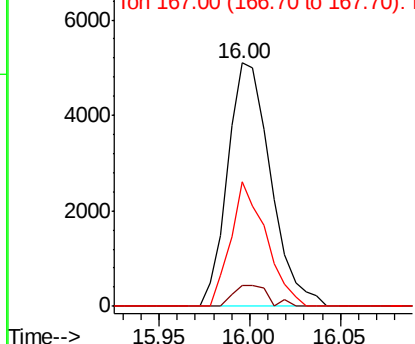
#66
 n-Nitrosodiphenylamine
 Concen: 0.695 ng
 RT: 16.00 min Scan# 2197
 Delta R.T. 0.22 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 8431
 Ion Ratio Lower Upper
 169 100
 168 8.7 56.1 84.1#
 167 51.0 29.4 44.0#

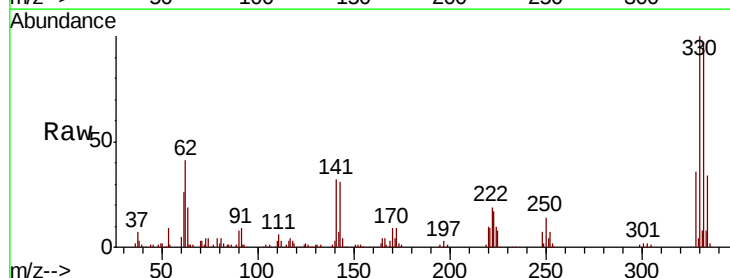


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

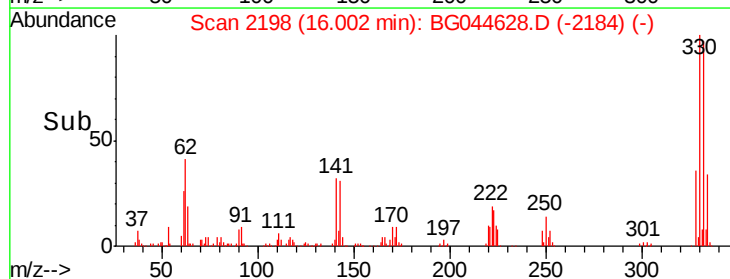
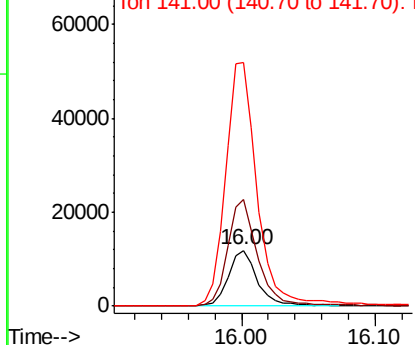


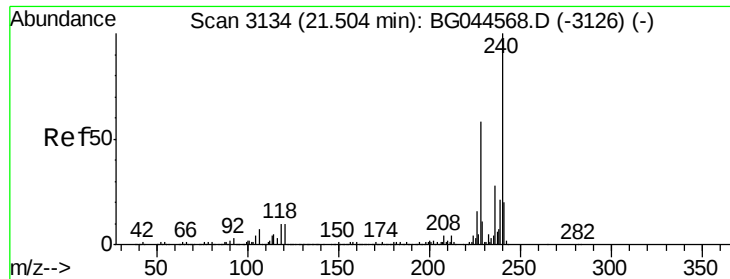
#67
 4-Bromophenyl-phenylether
 Concen: 3.748 ng
 RT: 16.00 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

Tgt Ion:248 Resp: 18089
 Ion Ratio Lower Upper
 248 100
 250 193.1 78.7 118.1#
 141 438.3 52.3 78.5#



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

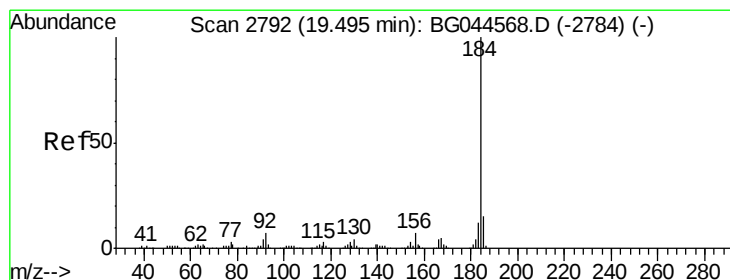
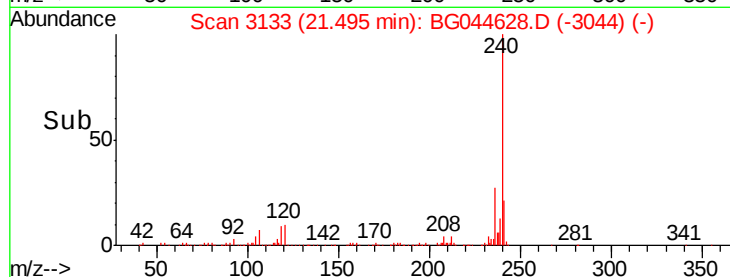
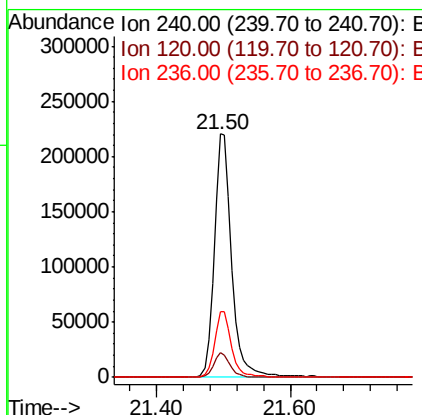
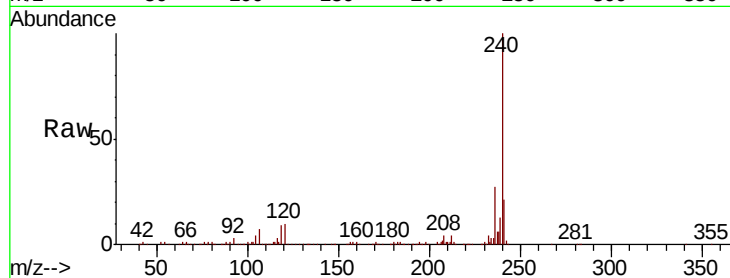




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

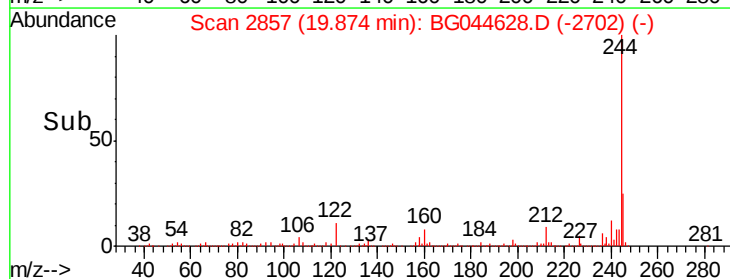
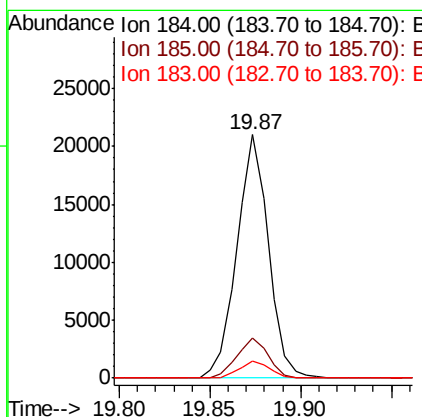
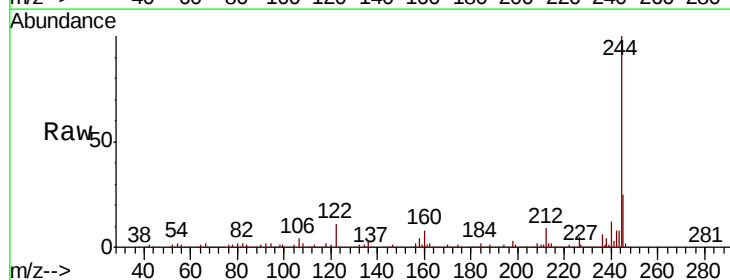
Instrument :
 BNA_G
 ClientSampleId :

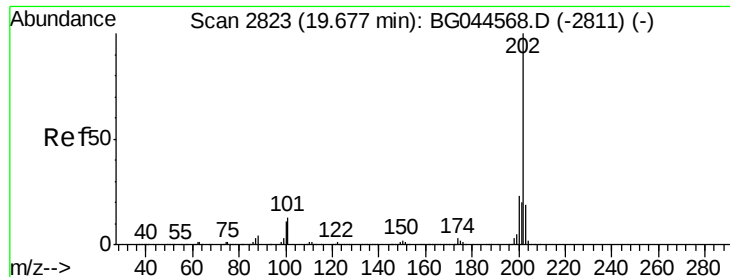
Tot Ion:240 Resp: 403716
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 26.8 22.3 33.5



#77
 Benzidine
 Concen: 1.837 ng
 RT: 19.87 min Scan# 2857
 Delta R.T. 0.38 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

Tgt Ion:184 Resp: 25407
 Ion Ratio Lower Upper
 184 100
 185 16.2 12.2 18.4
 183 7.1 9.9 14.9#





#78

Pvrene

Concen: 0.190 ng

RT: 19.87 min Scan# 2857

Delta R.T. 0.20 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampleId :

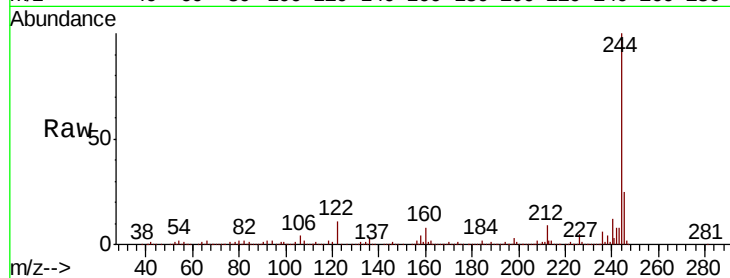
Tot Ion:202 Resp: 5568

Ion Ratio Lower Upper

202 100

200 47.4 18.6 28.0#

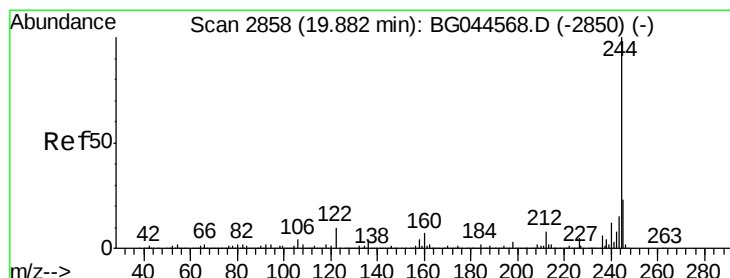
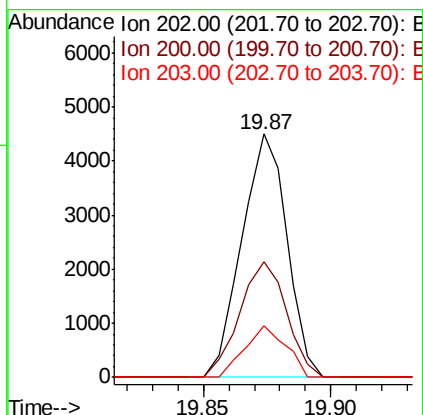
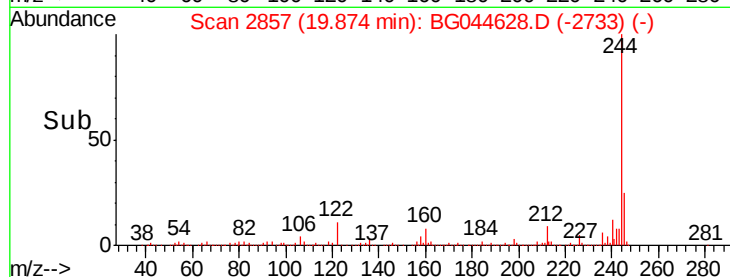
203 21.0 15.3 22.9



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: 77.261 ng

RT: 19.87 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

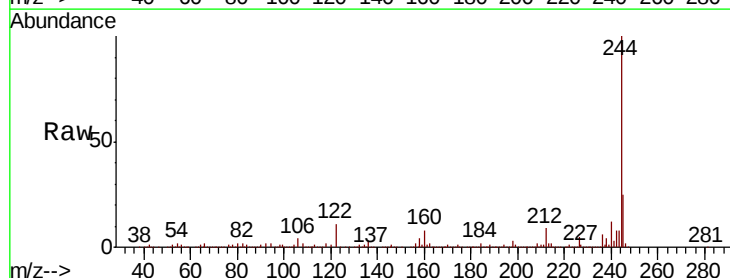
Tgt Ion:244 Resp: 1647668

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

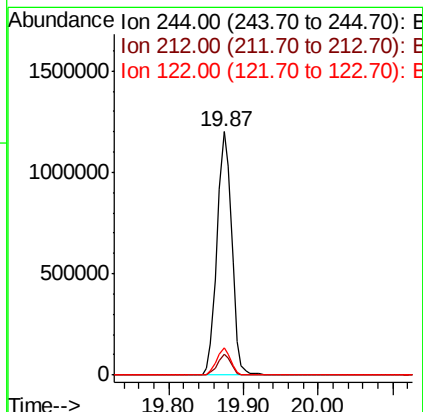
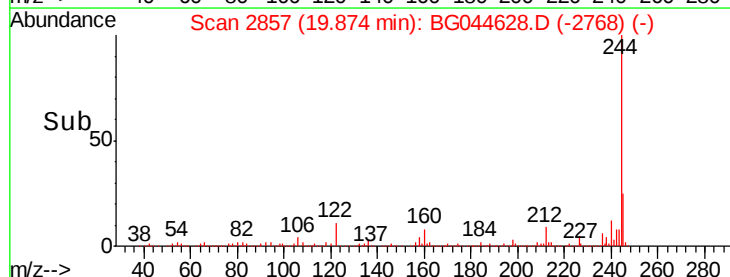
122 11.2 8.2 12.4

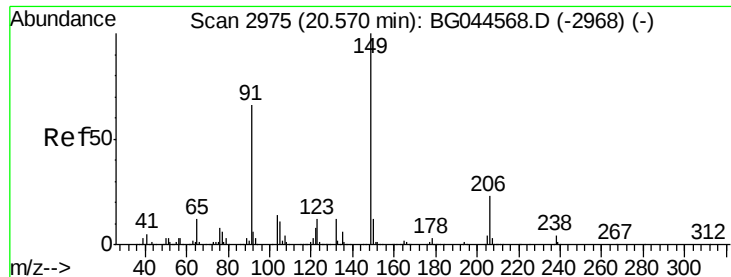


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 0.004 ng

RT: 20.57 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampleId :

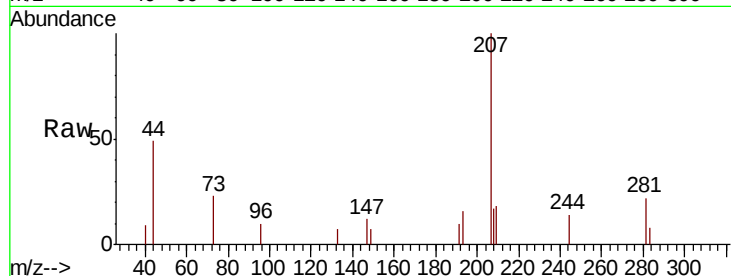
Tot Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

91 0.0 52.7 79.1#

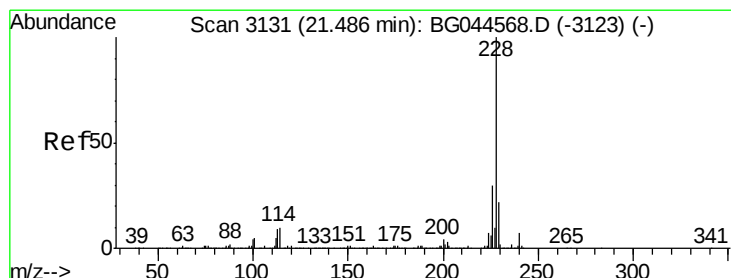
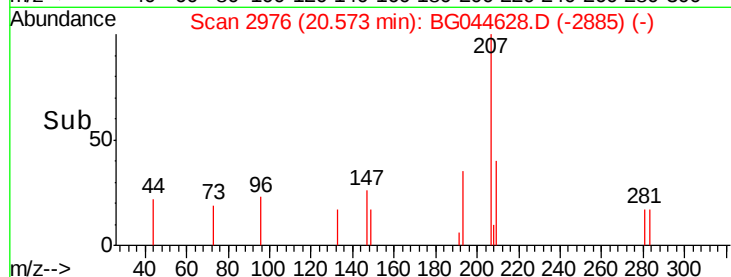
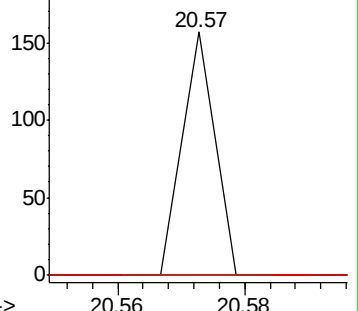
206 0.0 18.6 28.0#



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: 0.044 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

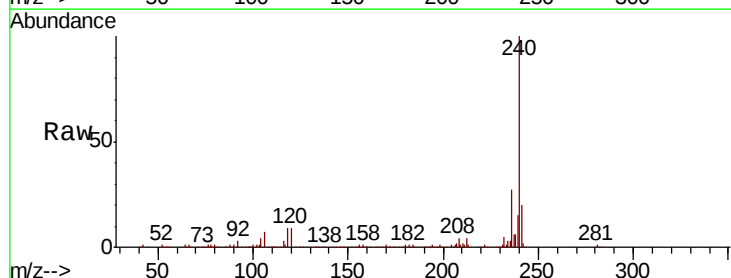
Tgt Ion:228 Resp: 1260

Ion Ratio Lower Upper

228 100

226 0.0 23.8 35.8#

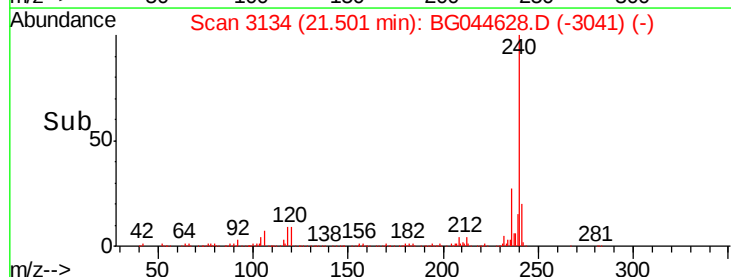
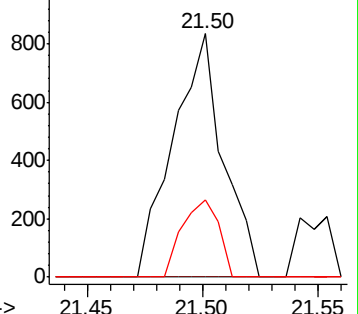
229 32.0 17.2 25.8#

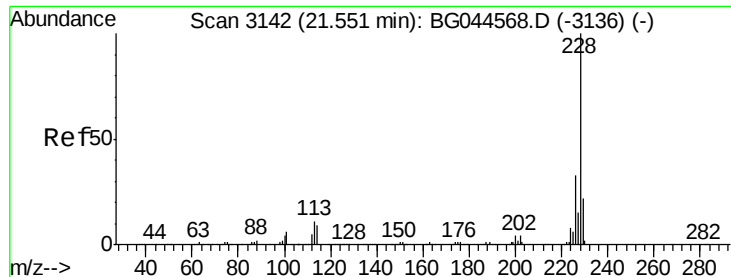


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

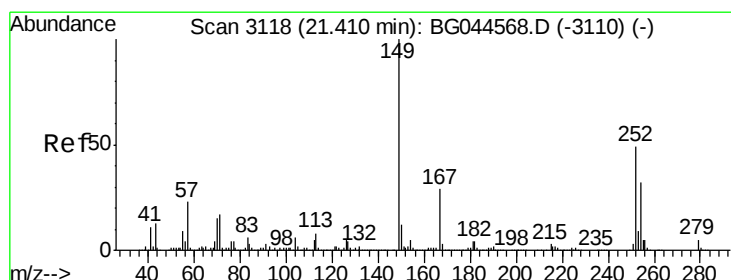
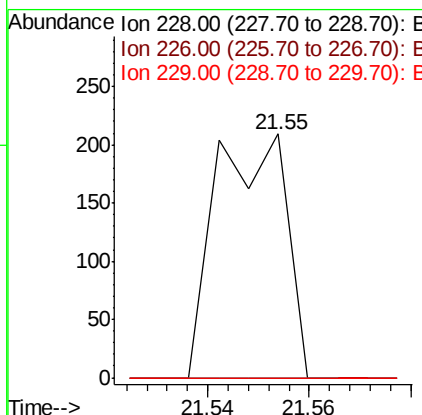
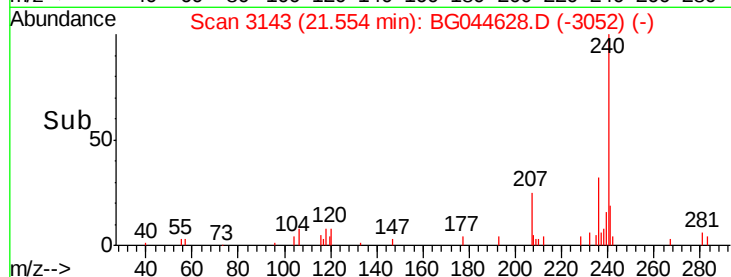
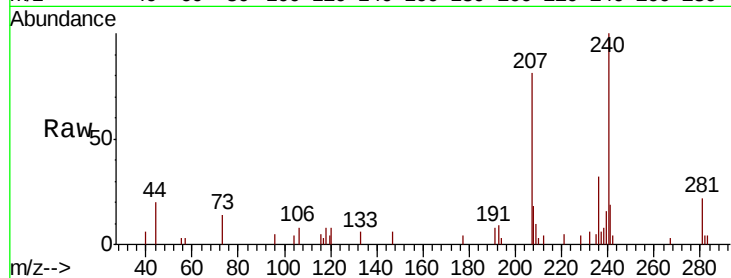




#83
 Chrvsene
 Concen: 0.007 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

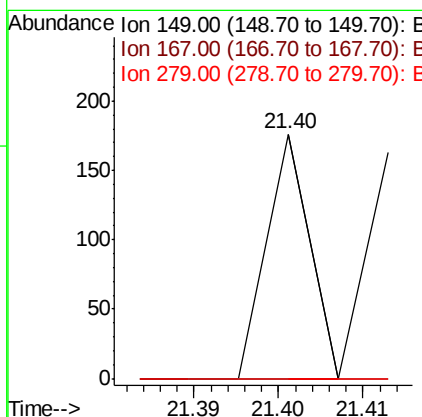
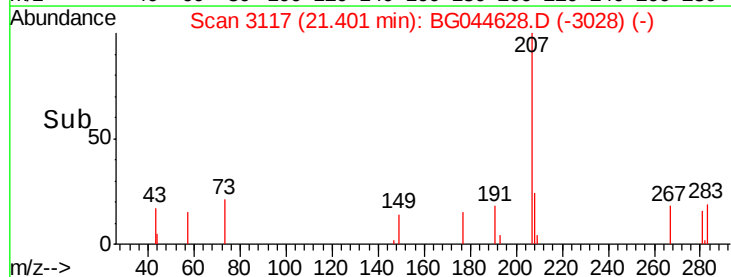
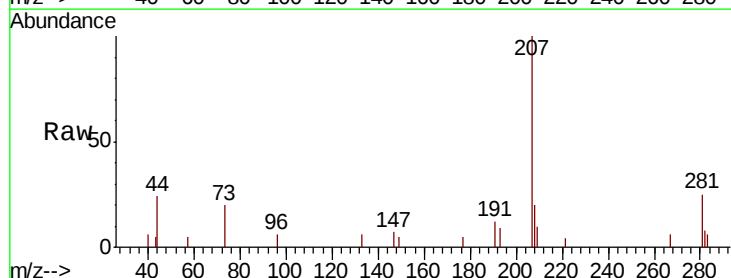
Instrument :
 BNA_G
 ClientSampled :

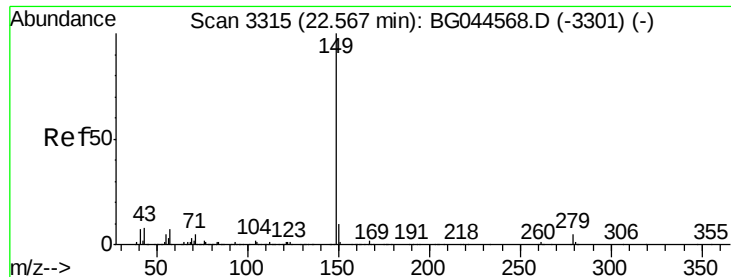
Tot Ion:228 Resp: 203
 Ion Ratio Lower Upper
 228 100
 226 0.0 26.1 39.1#
 229 0.0 17.2 25.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.004 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044628.D
 Acq: 29 Feb 2020 12:12

Tgt Ion:149 Resp: 62
 Ion Ratio Lower Upper
 149 100
 167 0.0 23.4 35.0#
 279 0.0 4.2 6.4#

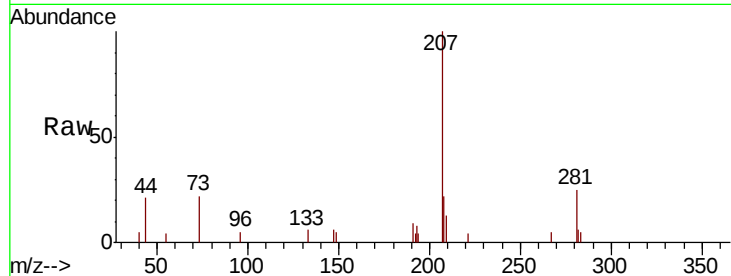




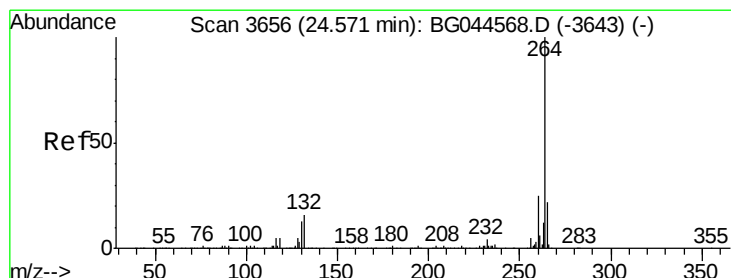
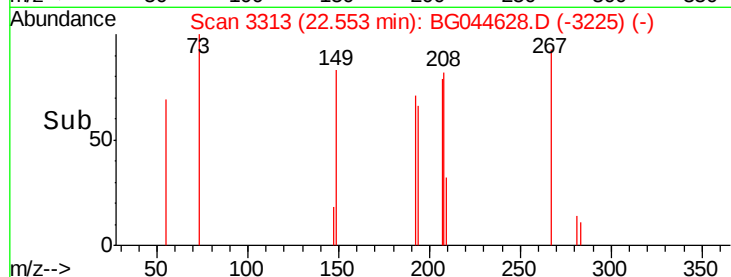
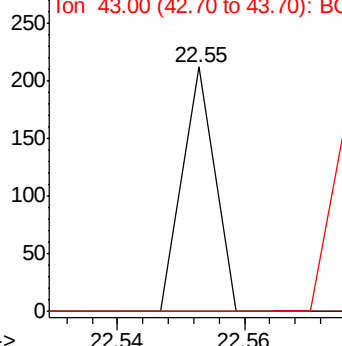
#85
Di-n-octyl phthalate
Concen: 0.002 ng
RT: 22.55 min Scan# 3313
Delta R.T. -0.01 min
Lab File: BG044628.D
Acq: 29 Feb 2020 12:12

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 75
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 0.0 6.6 10.0#

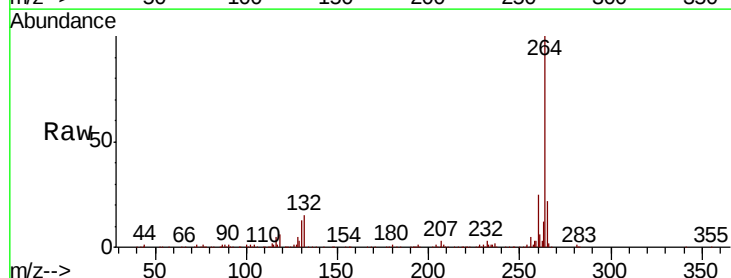


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

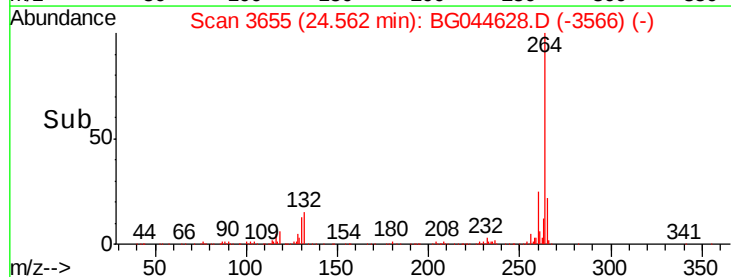
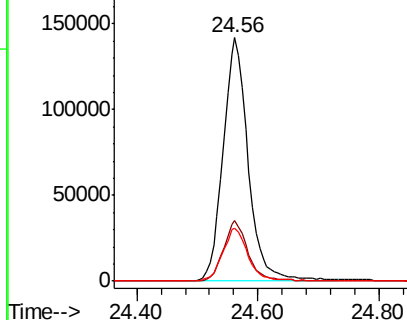


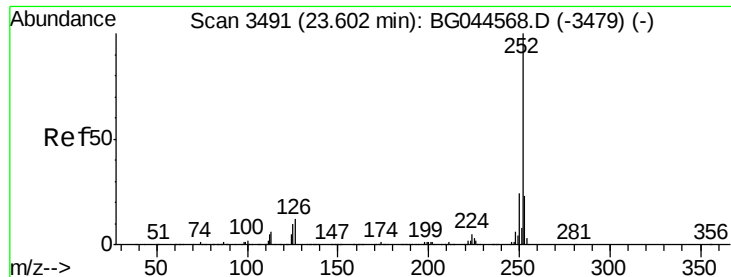
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.56 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044628.D
Acq: 29 Feb 2020 12:12

Tgt Ion:264 Resp: 409498
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 21.7 17.8 26.8



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

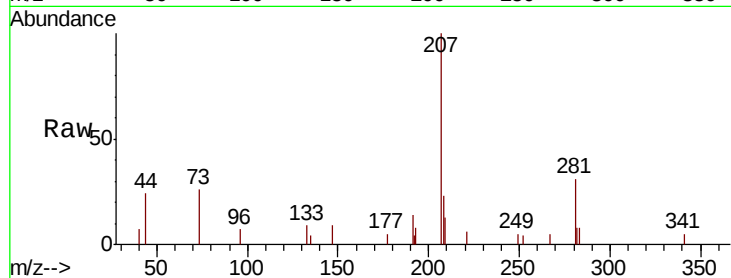




#88
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.63 min Scan# 3496
Delta R.T. 0.03 min
Lab File: BG044628.D
Acq: 29 Feb 2020 12:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.4	27.6#
125	0.0	7.9	11.9#

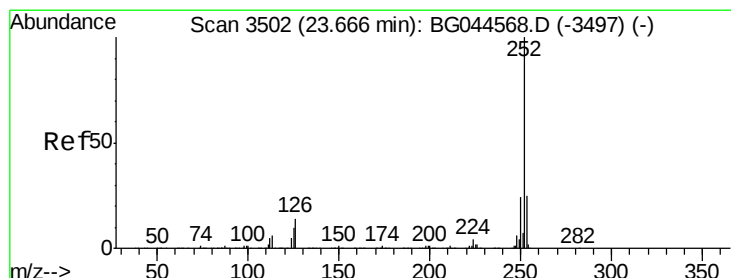
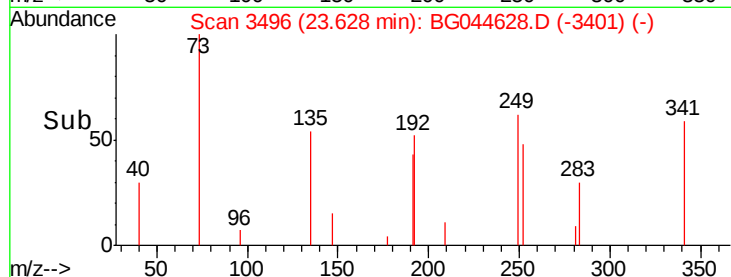
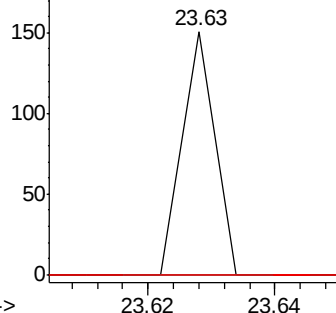


Abundance

Ion 252.00 (251.70 to 252.70): E

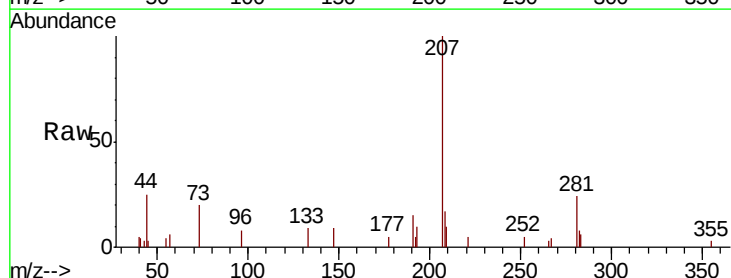
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 23.67 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BG044628.D
Acq: 29 Feb 2020 12:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.6#
125	0.0	7.8	11.8#

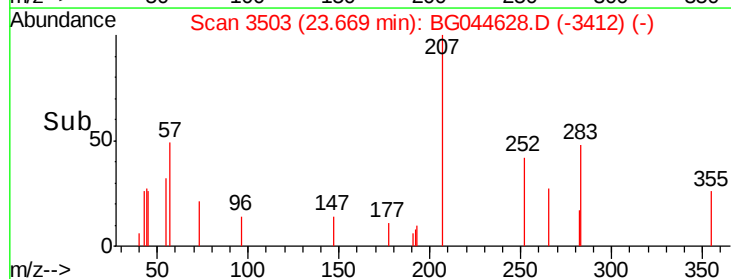
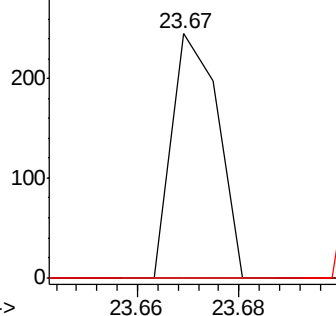


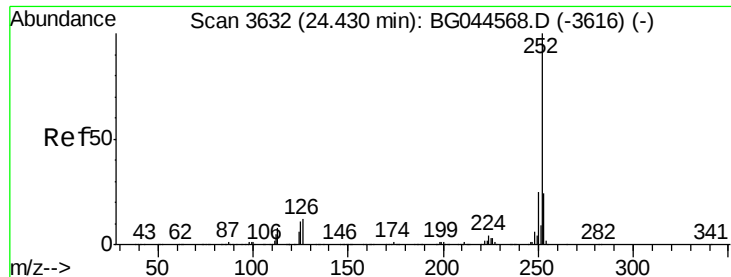
Abundance

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: 0.053 ng

RT: 24.57 min Scan# 3656

Delta R.T. 0.14 min

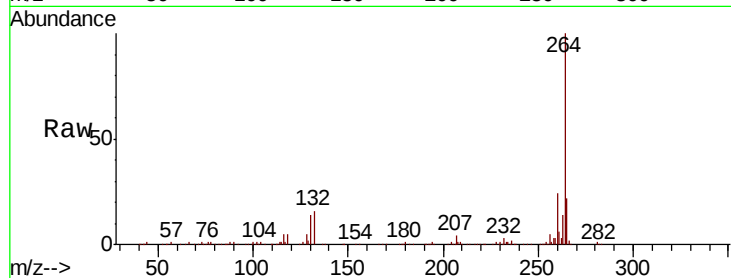
Lab File: BG044628.D

Acq: 29 Feb 2020 12:12

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	252	Resp:	1346
Ion	Ratio	Lower	Upper
252	100		
253	33.1	19.0	28.4#
125	0.0	8.5	12.7#

