

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044412.D
 Acq On : 12 Feb 2020 17:10
 Operator : CG/JU
 Sample : L1491-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 01:05:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	64105	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	273732	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	195826	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	481657	20.00	ng	0.00
76) Chrysene-d12	21.53	240	461807	20.00	ng	0.00
87) Perylene-d12	24.61	264	474259	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	480620	132.32	ng	0.00
7) Phenol-d6	7.07	99	759967	155.80	ng	0.00
23) Nitrobenzene-d5	9.06	82	465088	95.92	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	281545	122.47	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1035180	88.52	ng	0.00
79) Terphenyl-d14	19.90	244	1583282	70.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	62	0.038	ng	# 24
3) Pyridine	3.33	79	78	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.69	42	59	0.032	ng	# 1
9) Benzaldehyde	7.07	77	1247	0.449	ng	# 1
10) Phenol	7.10	94	6029	1.249	ng	# 17
15) Benzyl Alcohol	8.22	79	6949	2.012	ng	# 47
19) n-Nitroso-di-n-propylamine	9.06	70	59950	18.442	ng	# 81
24) Nitrobenzene	9.05	77	1503	0.318	ng	# 36
25) Isophorone	9.61	82	130	0.014	ng	# 64
46) 1,1'-Biphenyl	13.38	154	2535	0.179	ng	# 73
48) 2-Nitroaniline	13.99	65	396	0.119	ng	# 1
50) Dimethylphthalate	13.99	163	46963	3.336	ng	# 98
51) 2,6-Dinitrotoluene	14.54	165	25229	8.038	ng	# 29
52) Acenaphthene	14.54	154	591	0.055	ng	# 5
55) Dibenzofuran	14.95	168	54	0.003	ng	# 45
57) 2,4-Dinitrotoluene	14.54	165	25229	5.735	ng	# 27
58) Fluorene	16.03	166	12512	0.982	ng	# 92
60) Diethylphthalate	15.35	149	196	0.014	ng	# 57
63) Azobenzene	16.03	77	1506	0.123	ng	# 9
65) 4,6-Dinitro-2-methylphenol	16.03	198	726	0.273	ng	# 1
66) n-Nitrosodiphenylamine	16.03	169	9698	0.718	ng	# 48
67) 4-Bromophenyl-phenylether	16.03	248	19046	3.629	ng	# 1
71) Phenanthrene	17.33	178	1504	0.064	ng	# 79
72) Anthracene	17.43	178	506	0.022	ng	# 57
73) Carbazole	17.69	167	60	0.003	ng	# 56
74) Di-n-butylphthalate	18.26	149	689	0.026	ng	# 75
75) Fluoranthene	19.34	202	10569	0.392	ng	# 96
77) Benzidine	19.90	184	24761	1.933	ng	# 91
78) Pyrene	19.70	202	10012	0.338	ng	# 95
80) Butylbenzylphthalate	20.59	149	187	0.014	ng	# 72
81) Benzo(a)anthracene	21.57	228	2896	0.102	ng	# 94
83) Chrysene	21.57	228	2896	0.105	ng	# 97
84) Bis(2-ethylhexyl)phthalate	21.44	149	1206	0.065	ng	# 92
85) Di-n-octyl phthalate	22.60	149	1059	0.033	ng	# 57

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QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

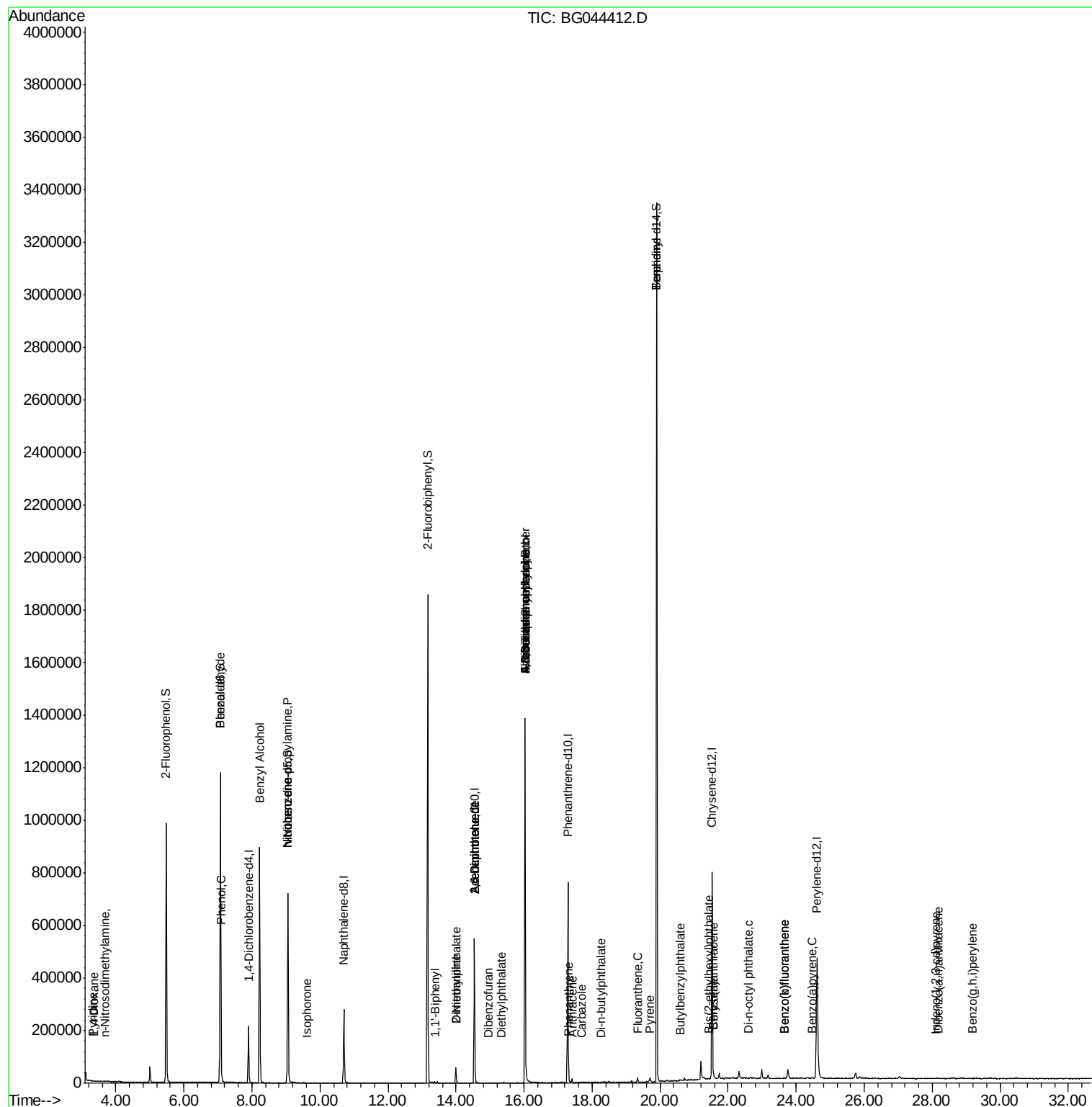
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) Indeno(1,2,3-cd)pyrene	28.10	276	971	0.027	ng	# 56
88) Benzo(b)fluoranthene	23.65	252	3693	0.135	ng	# 94
89) Benzo(k)fluoranthene	23.65	252	3693	0.139	ng	# 94
90) Benzo(a)pyrene	24.46	252	2865	0.111	ng	# 87
91) Dibenzo(a,h)anthracene	28.17	278	152	0.006	ng	# 56
92) Benzo(a,h,i)perylene	29.19	276	437	0.017	ng	# 54

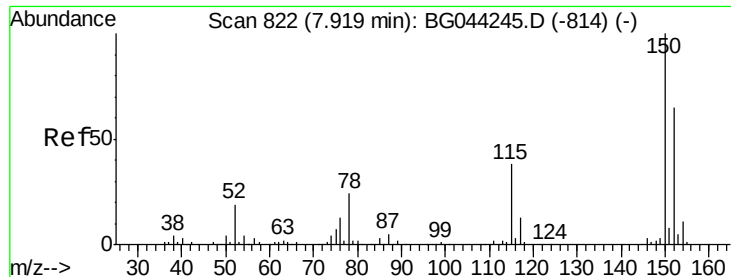
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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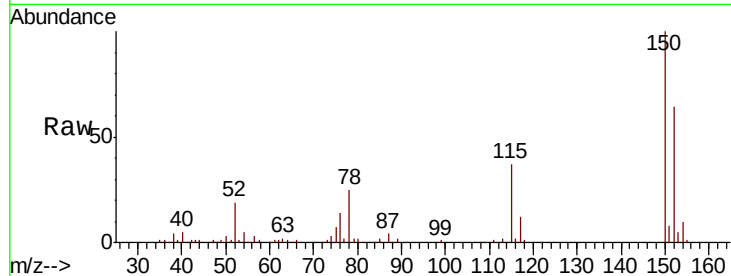


#1

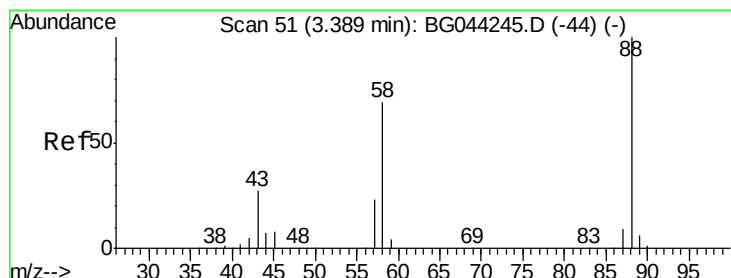
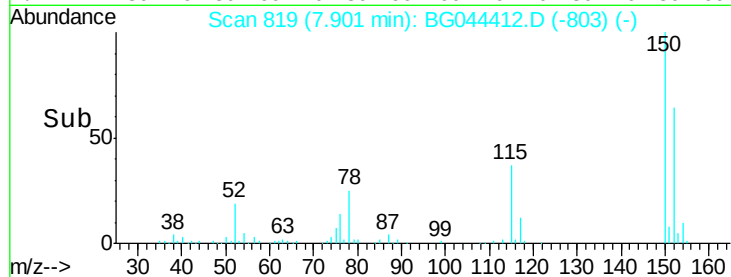
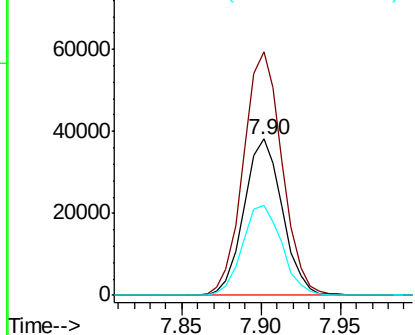
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG044412.D
Acq: 12 Feb 2020 17:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	122.6	183.8
115	57.3	46.0	69.0



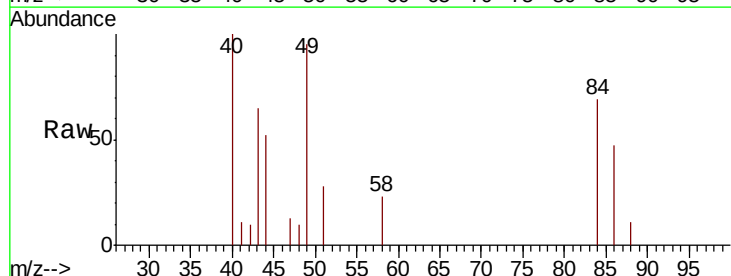
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



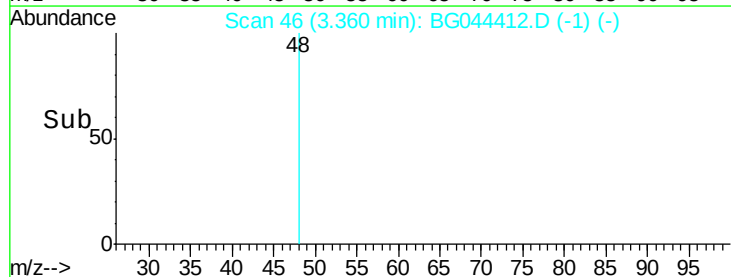
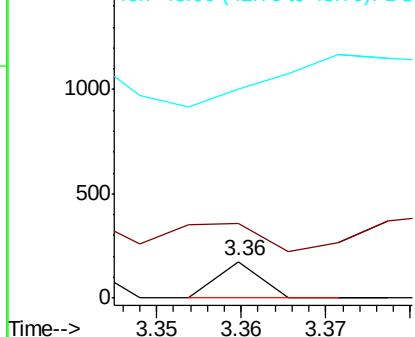
#2

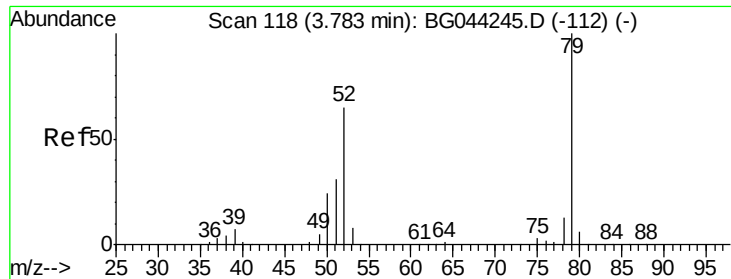
1,4-Dioxane
Concen: 0.038 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.00 min
Lab File: BG044412.D
Acq: 12 Feb 2020 17:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	55.8	83.6#
43	0.0	21.6	32.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.018 ng

RT: 3.33 min Scan# 41

Delta R.T. -0.43 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

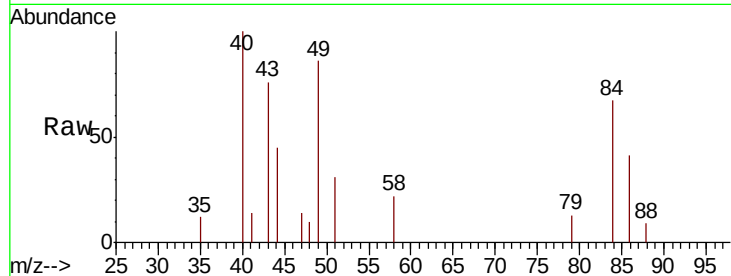
Tot Ion: 79 Resp: 78

Ion Ratio Lower Upper

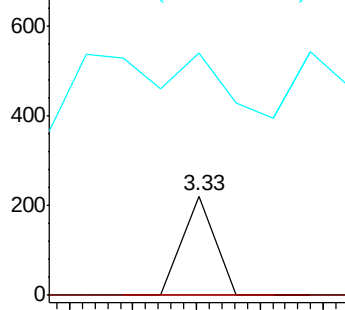
79 100

52 0.0 51.9 77.9#

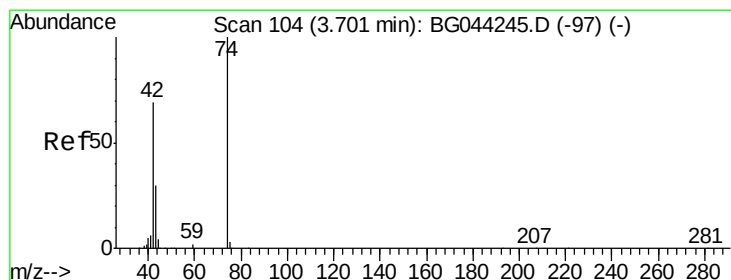
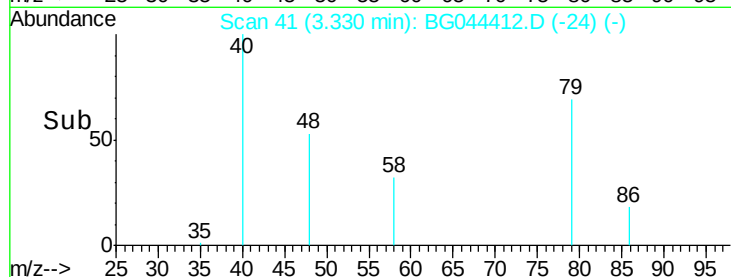
51 243.2 25.3 37.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



Time-->



#4

n-Nitrosodimethylamine

Concen: 0.032 ng

RT: 3.69 min Scan# 103

Delta R.T. 0.02 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

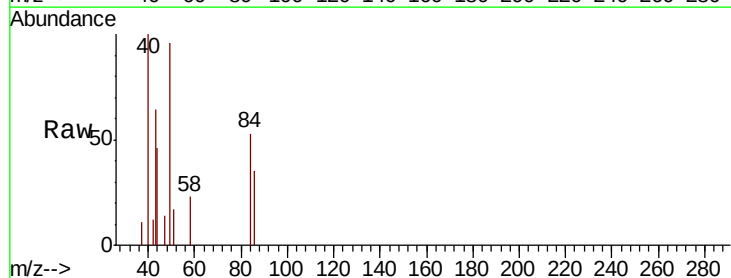
Tgt Ion: 42 Resp: 59

Ion Ratio Lower Upper

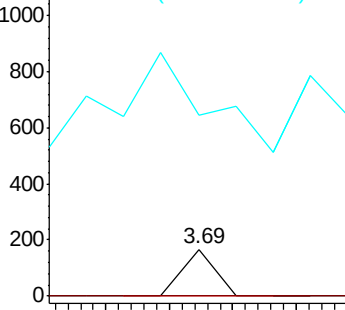
42 100

74 0.0 115.1 172.7#

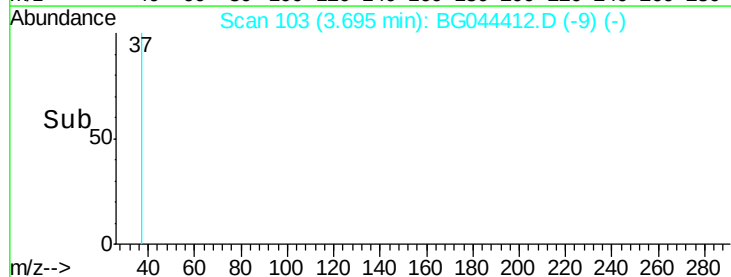
44 389.2 5.6 8.4#

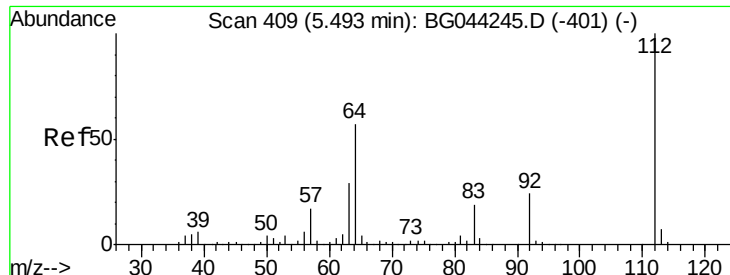


Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time-->





#5

2-Fluorophenol

Concen: 132.317 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampled :

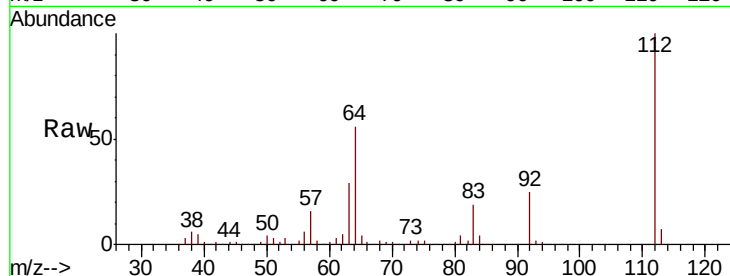
Tot Ion:112 Resp: 480620

Ion Ratio Lower Upper

112 100

64 55.7 45.4 68.2

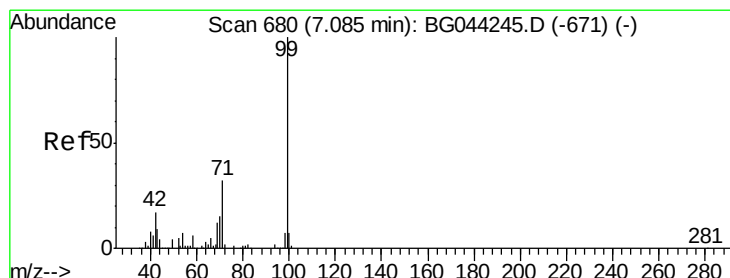
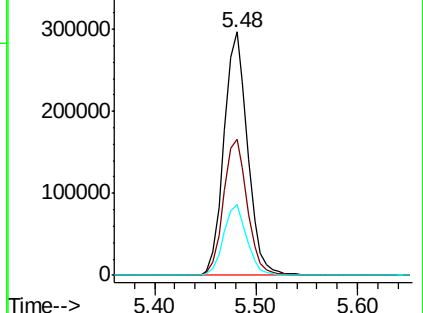
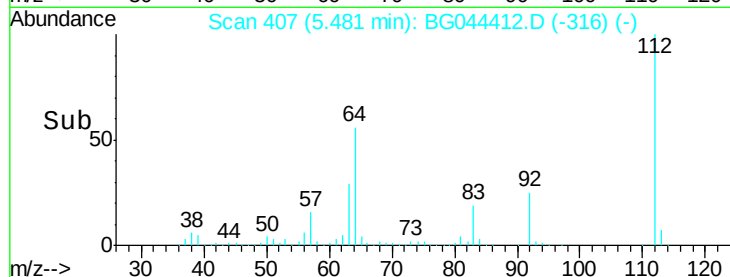
63 28.8 22.9 34.3



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: 155.805 ng

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

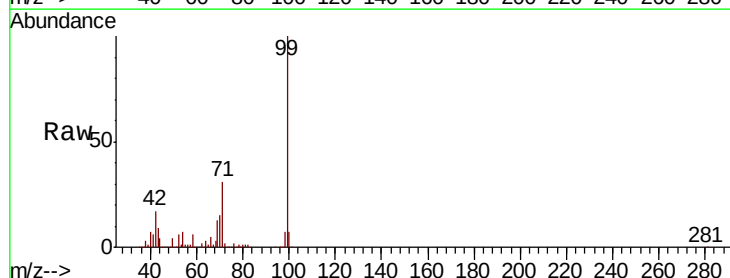
Tgt Ion: 99 Resp: 759967

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

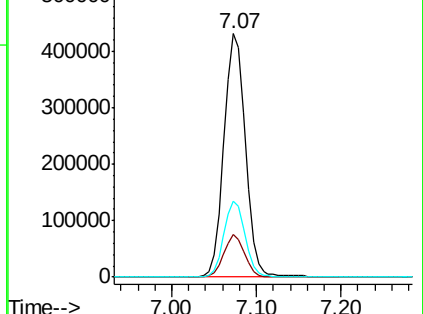
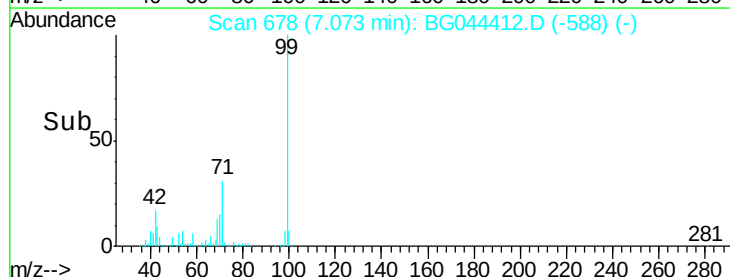
71 31.3 25.5 38.3

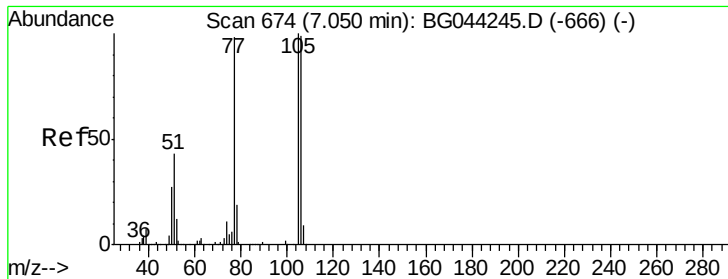


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.449 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.03 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampled :

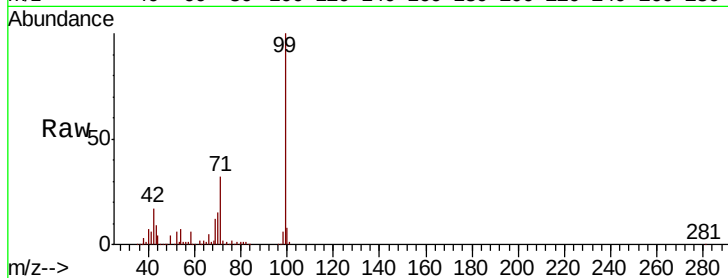
Tot Ion: 77 Resp: 1247

Ion Ratio Lower Upper

77 100

105 0.0 82.0 122.0#

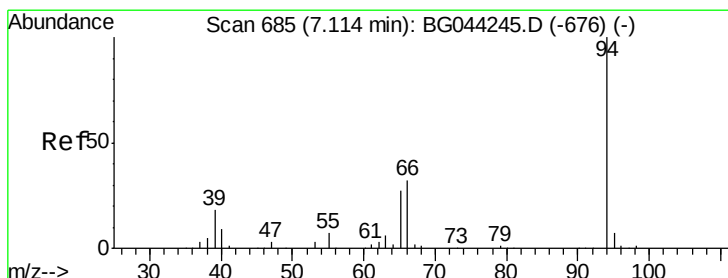
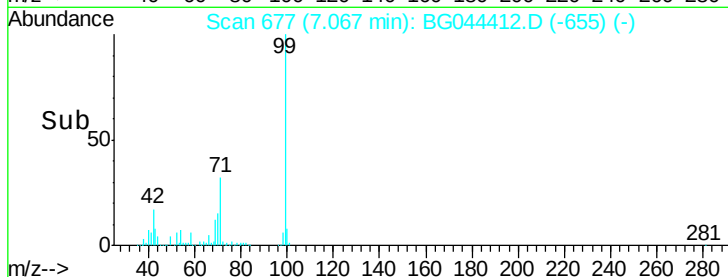
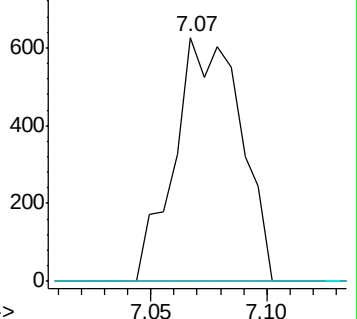
106 0.0 80.7 120.7#



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: 1.249 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

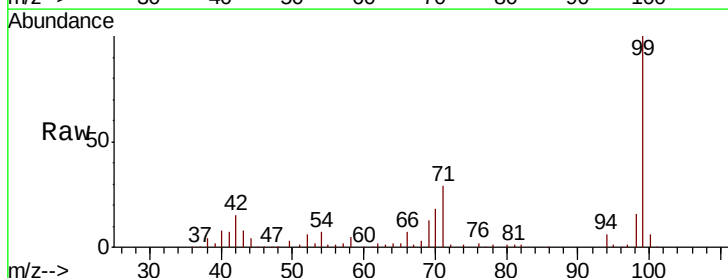
Tgt Ion: 94 Resp: 6029

Ion Ratio Lower Upper

94 100

65 37.8 7.0 47.0

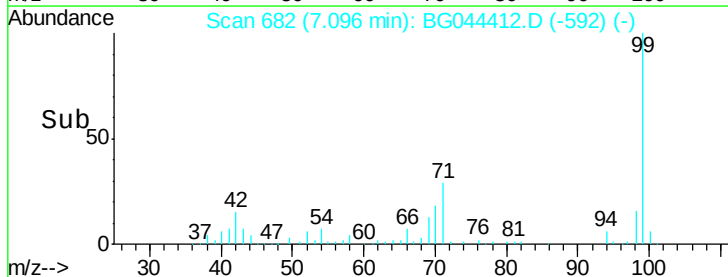
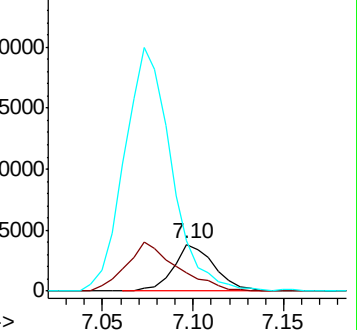
66 108.1 12.7 52.7#

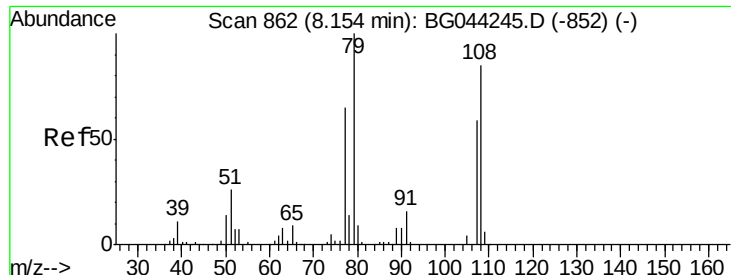


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 2.012 ng

RT: 8.22 min Scan# 874

Delta R.T. 0.08 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

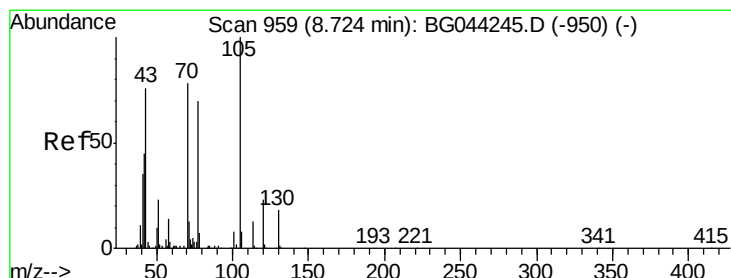
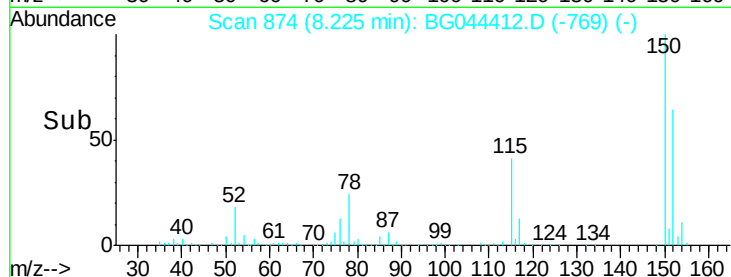
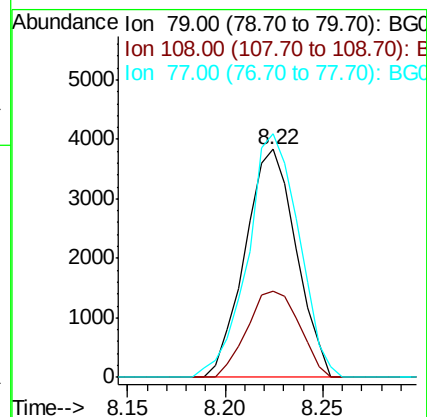
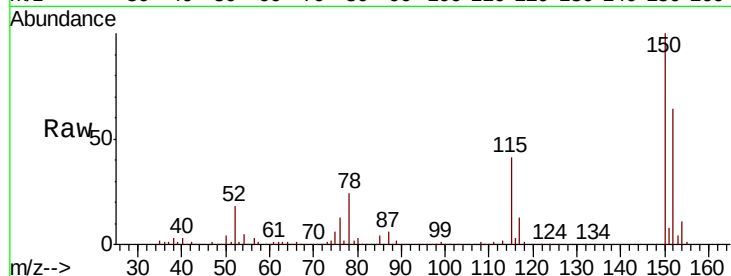
Tot Ion: 79 Resp: 6949

Ion Ratio Lower Upper

79 100

108 37.6 68.3 102.5#

77 106.8 51.8 77.8#



#19

n-Nitroso-di-n-propylamine

Concen: 18.442 ng

RT: 9.06 min Scan# 1016

Delta R.T. 0.35 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Tgt Ion: 70 Resp: 59950

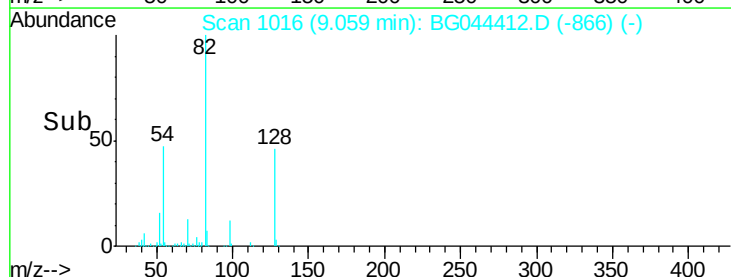
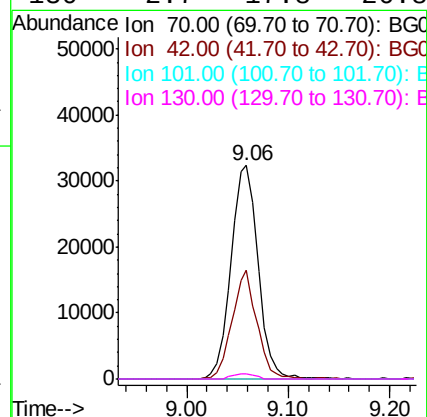
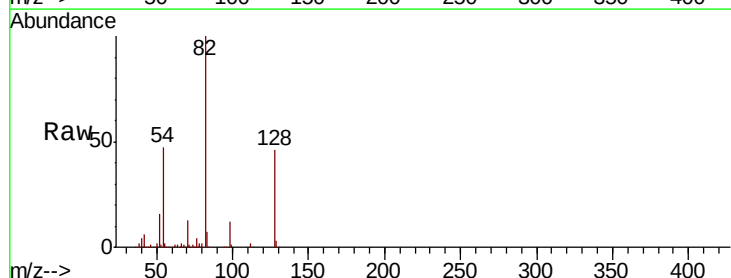
Ion Ratio Lower Upper

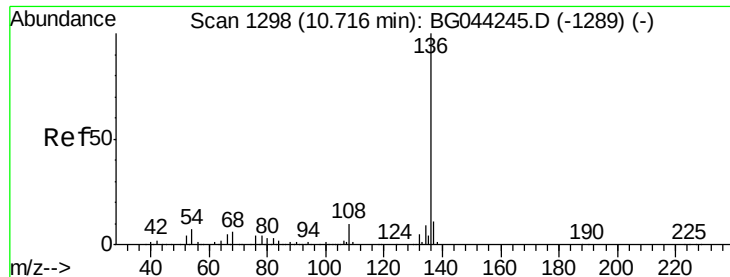
70 100

42 51.0 46.2 69.2

101 0.0 8.4 12.6#

130 2.7 17.8 26.8#

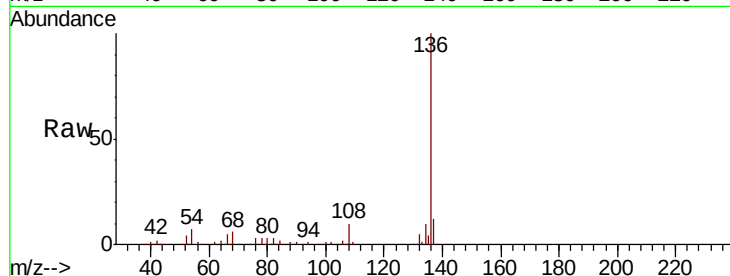




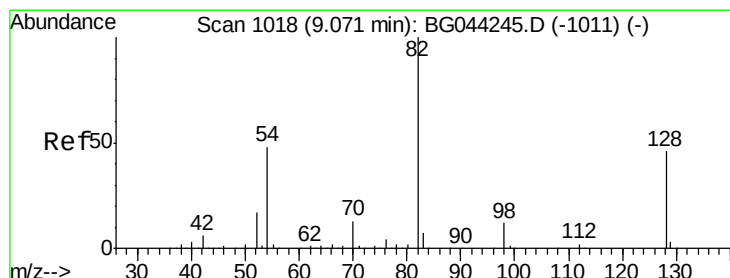
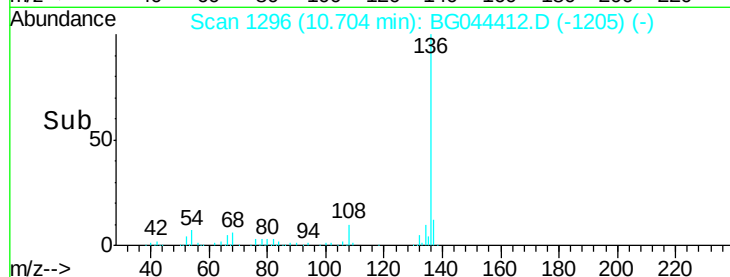
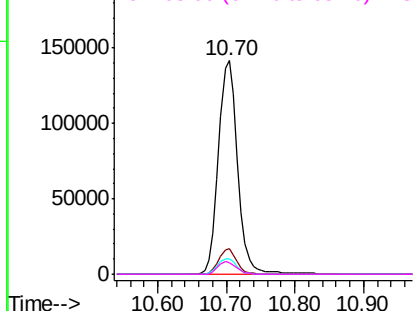
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044412.D
Acq: 12 Feb 2020 17:10

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	273732
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.8 13.2
54	7.1	5.8 8.8
68	5.5	4.6 6.8

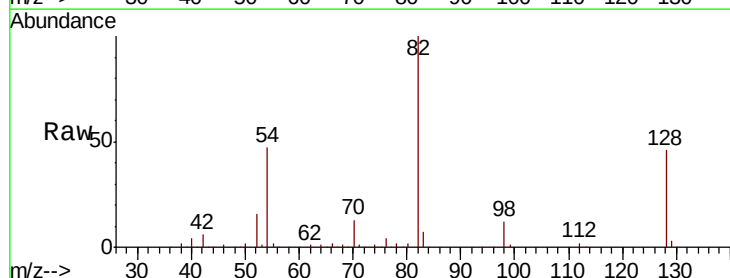


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

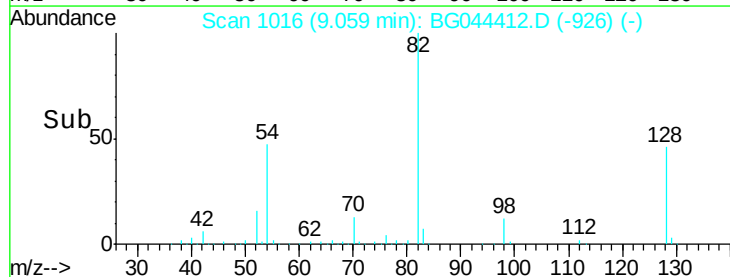
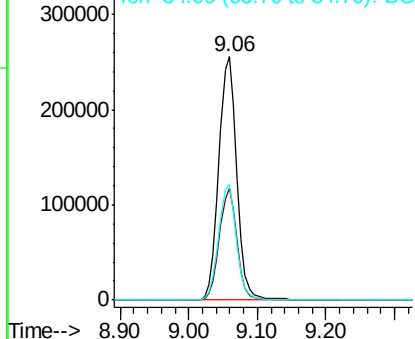


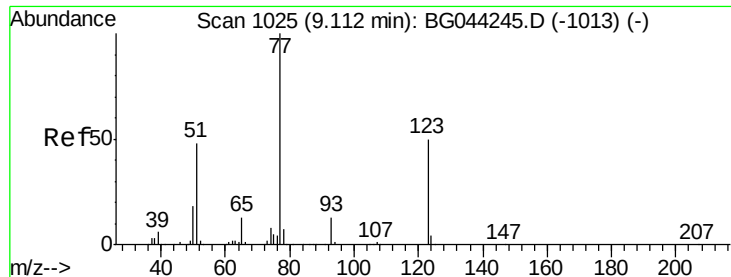
#23
Nitrobenzene-d5
Concen: 95.923 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044412.D
Acq: 12 Feb 2020 17:10

Tgt Ion: 82	Resp:	465088
Ion	Ratio	Lower Upper
82	100	
128	45.8	36.5 54.7
54	47.2	38.6 58.0



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

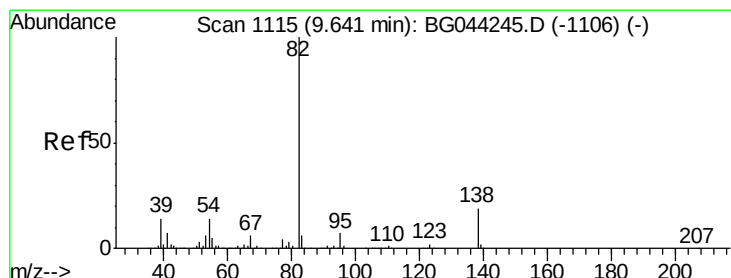
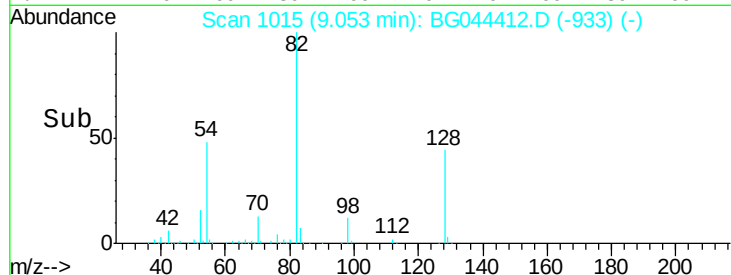
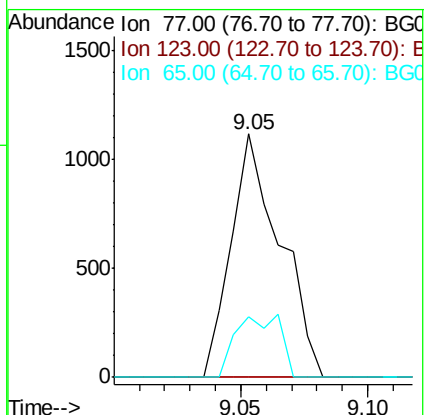
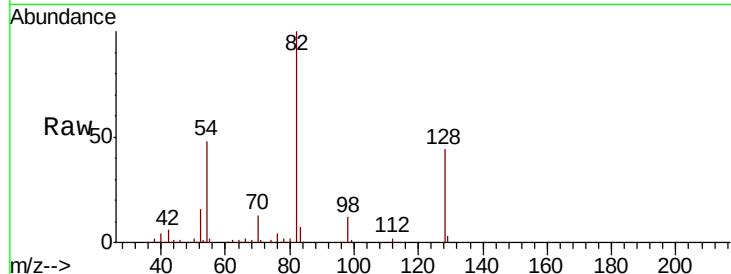




#24
 Nitrobenzene
 Concen: 0.318 ng
 RT: 9.05 min Scan# 1015
 Delta R.T. -0.05 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

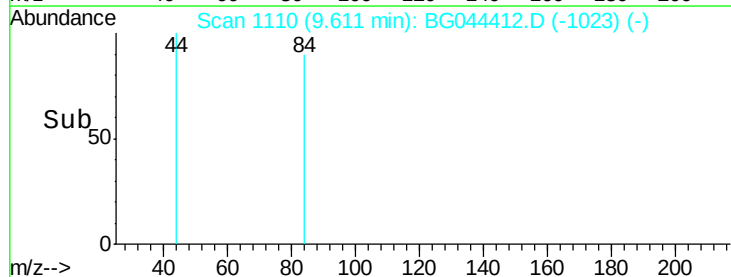
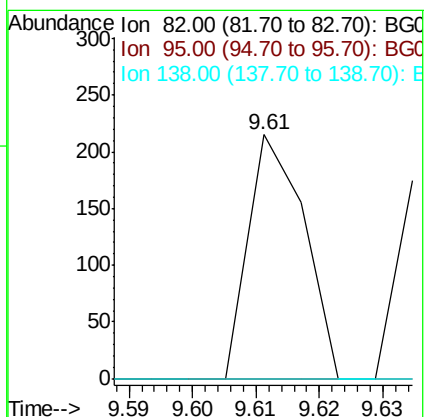
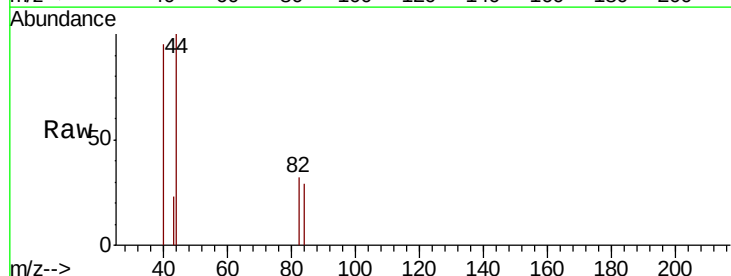
Instrument :
 BNA_G
 ClientSampleId :

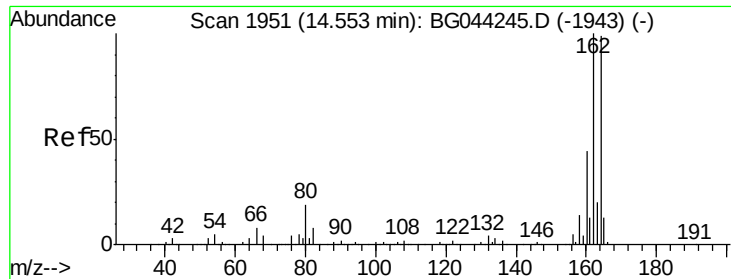
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.9	59.9#
65	24.6	10.4	15.6#



#25
 Isophorone
 Concen: 0.014 ng
 RT: 9.61 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	15.0	22.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

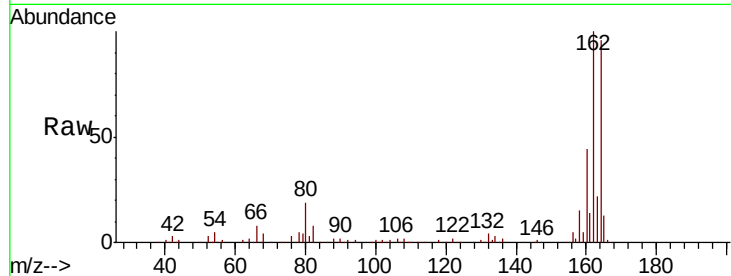
Tot Ion:164 Resp: 195826

Ion Ratio Lower Upper

164 100

162 104.0 80.7 121.1

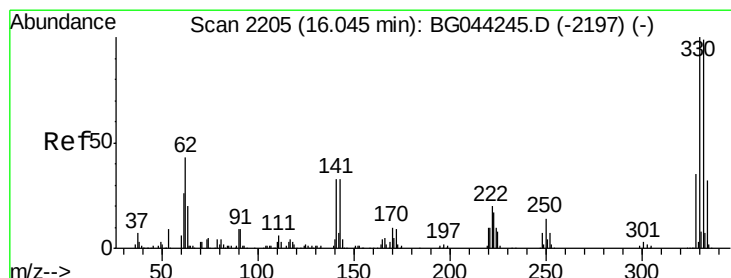
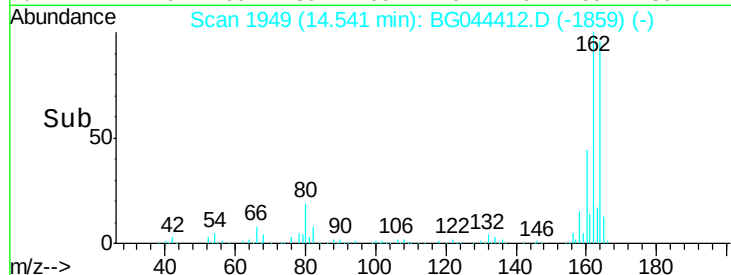
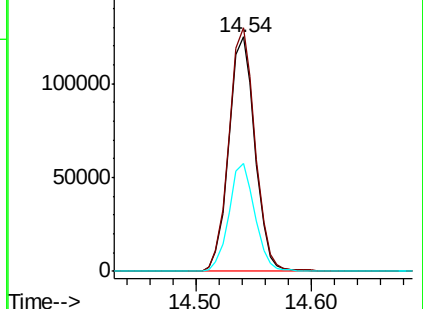
160 46.2 35.3 52.9



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: 122.470 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

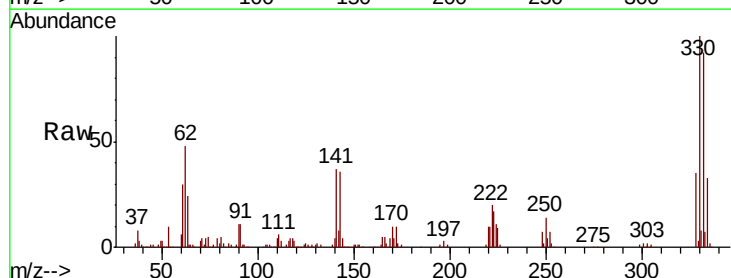
Tgt Ion:330 Resp: 281545

Ion Ratio Lower Upper

330 100

332 94.0 77.2 115.8

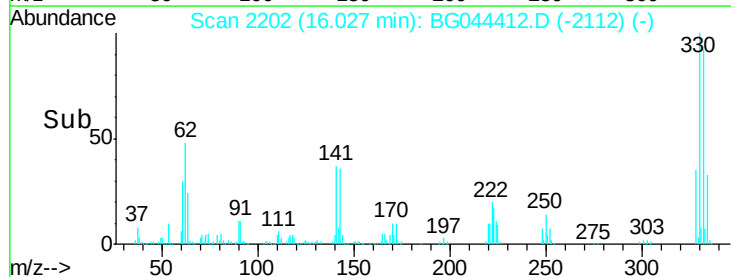
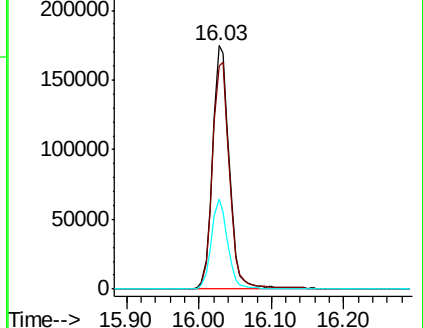
141 35.8 28.3 42.5

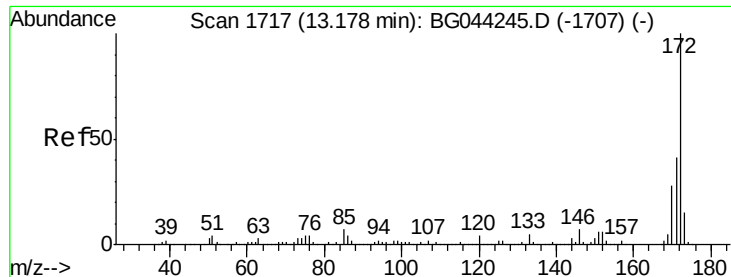


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



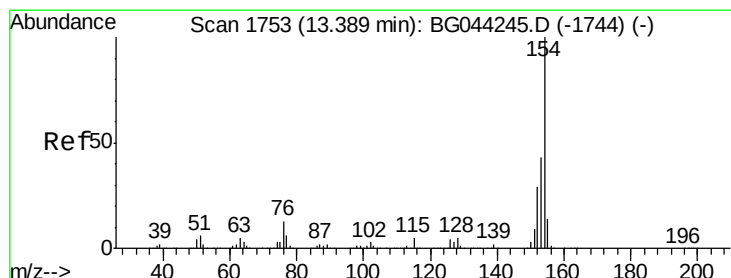
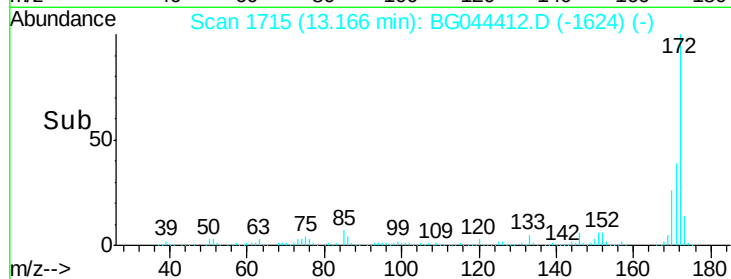
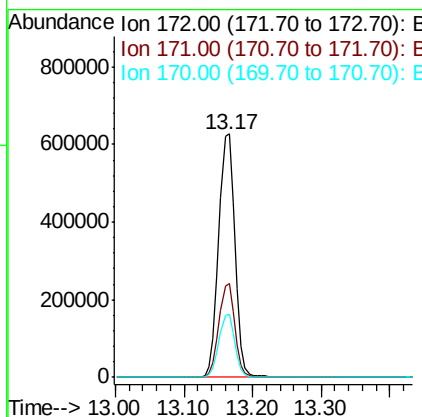
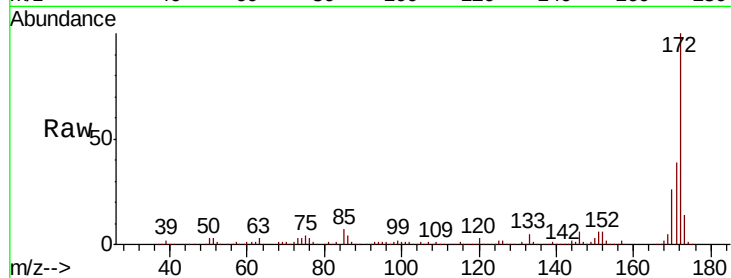


#45
 2-Fluorobiphenyl
 Concen: 88.521 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1035180

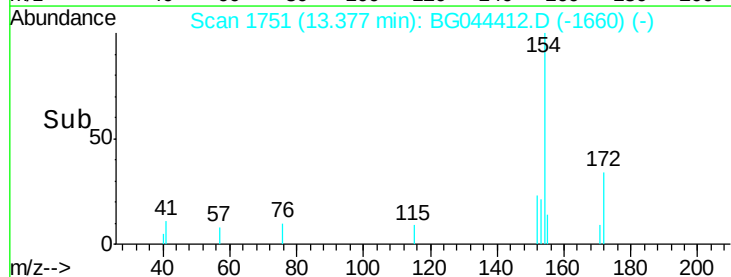
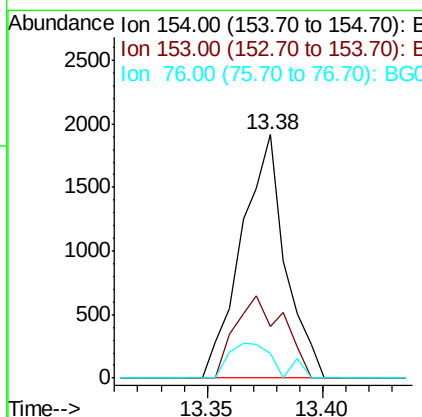
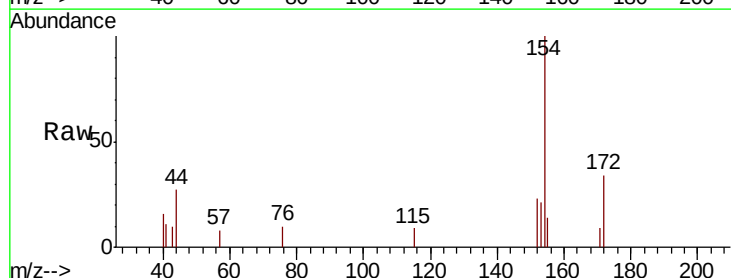
Ion	Ratio	Lower	Upper
172	100		
171	38.6	32.9	49.3
170	26.1	22.0	33.0

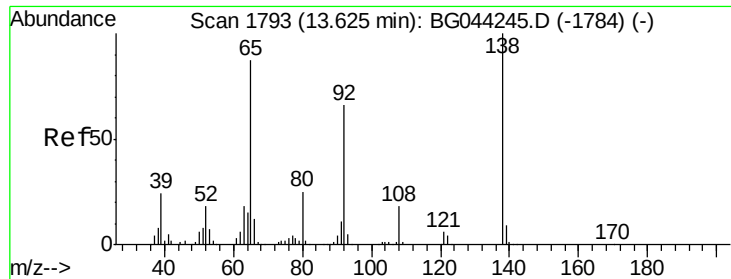


#46
 1,1'-Biphenyl
 Concen: 0.179 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion:154 Resp: 2535

Ion	Ratio	Lower	Upper
154	100		
153	21.4	22.7	62.7#
76	10.0	0.0	32.9





#48

2-Nitroaniline

Concen: 0.119 ng

RT: 13.99 min Scan# 1856

Delta R.T. 0.38 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

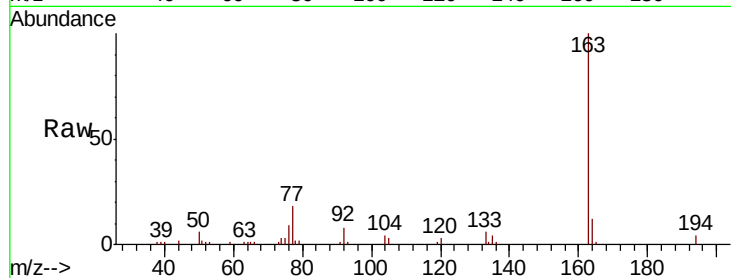
Tot Ion: 65 Resp: 396

Ion Ratio Lower Upper

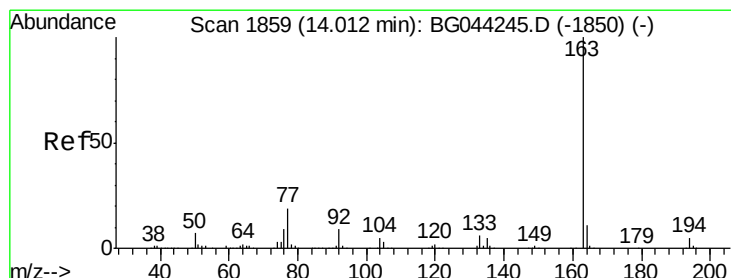
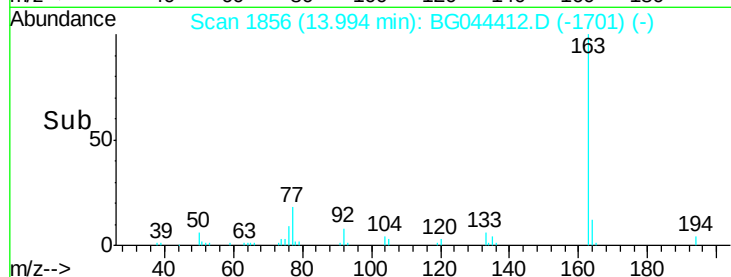
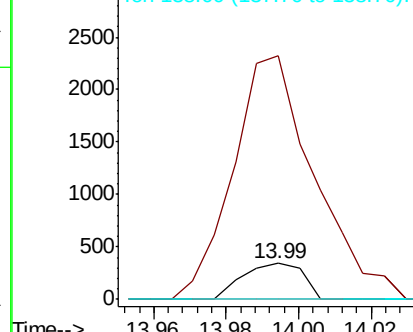
65 100

92 673.0 60.3 90.5#

138 0.0 91.9 137.9#



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



#50

Dimethylphthalate

Concen: 3.336 ng

RT: 13.99 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

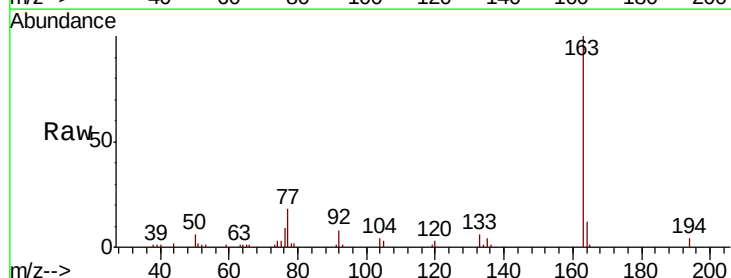
Tgt Ion: 163 Resp: 46963

Ion Ratio Lower Upper

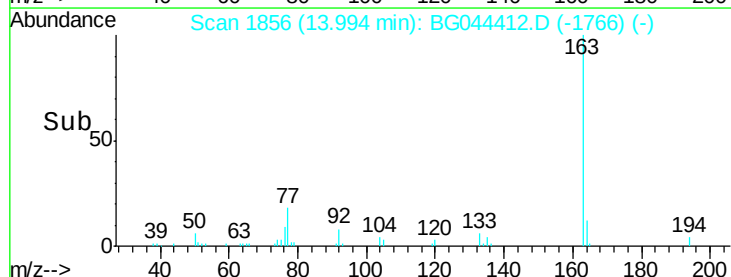
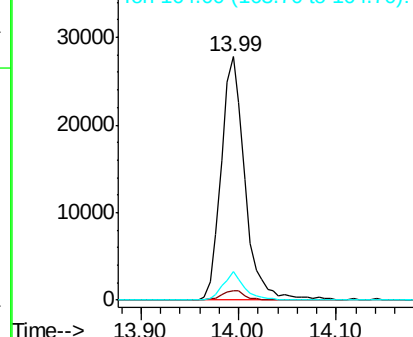
163 100

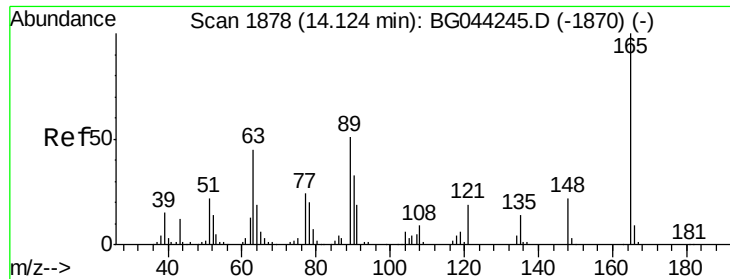
194 4.1 3.6 5.4

164 11.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

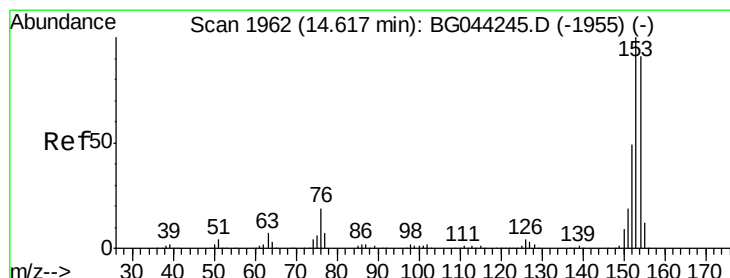
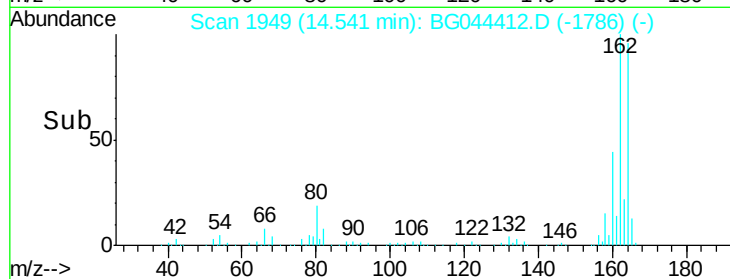
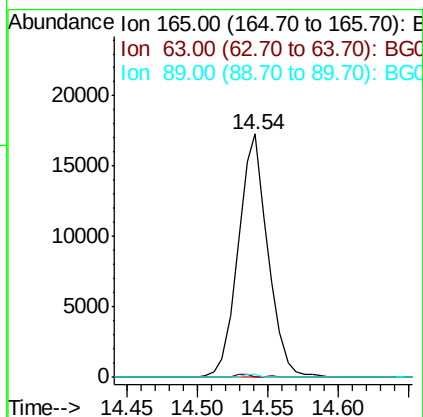
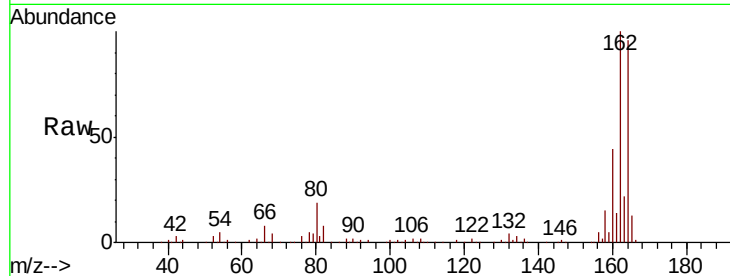




#51
 2,6-Dinitrotoluene
 Concen: 8.038 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. 0.42 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

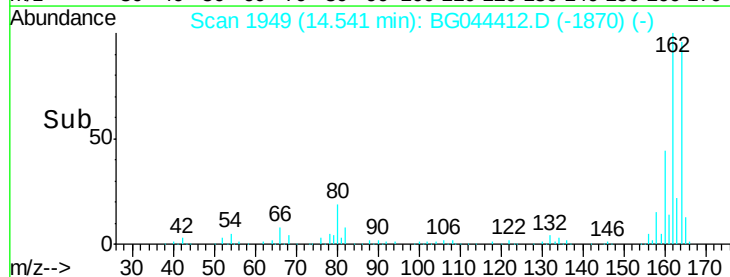
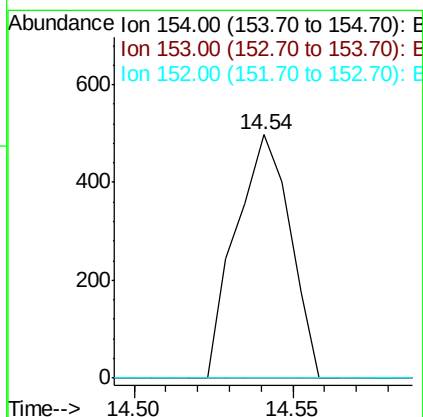
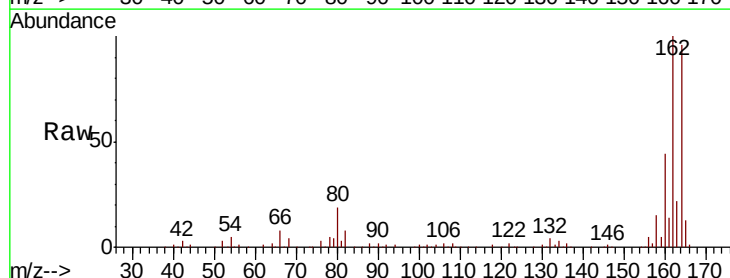
Instrument :
 BNA_G
 ClientSampleId :

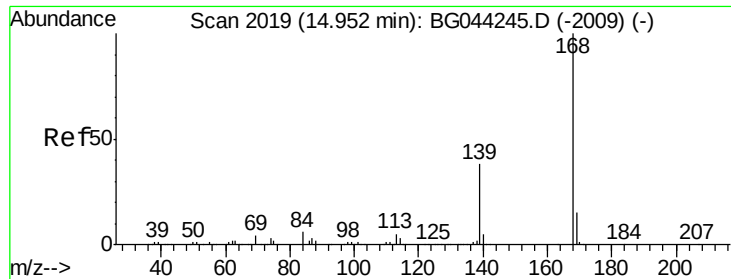
Tot Ion:165 Resp: 25229
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.7 58.1#
 89 1.3 40.4 60.6#



#52
 Acenaphthene
 Concen: 0.055 ng
 RT: 14.54 min Scan# 1949
 Delta R.T. -0.07 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion:154 Resp: 591
 Ion Ratio Lower Upper
 154 100
 153 0.0 87.9 131.9#
 152 0.0 43.1 64.7#





#55

Dibenzofuran

Concen: 0.003 ng

RT: 14.95 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

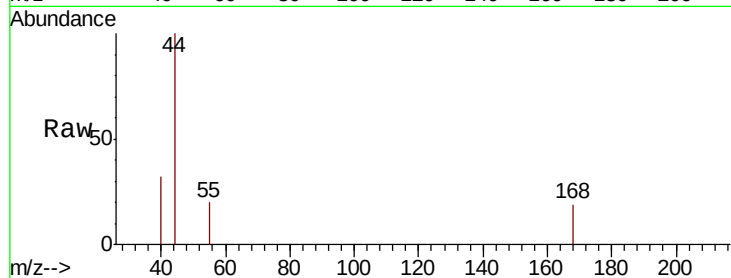
Tot Ion:168 Resp: 54

Ion Ratio Lower Upper

168 100

139 0.0 30.5 45.7#

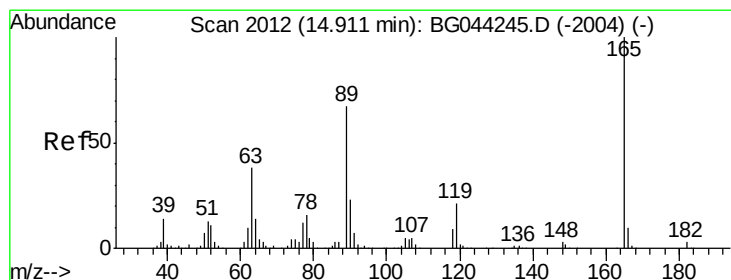
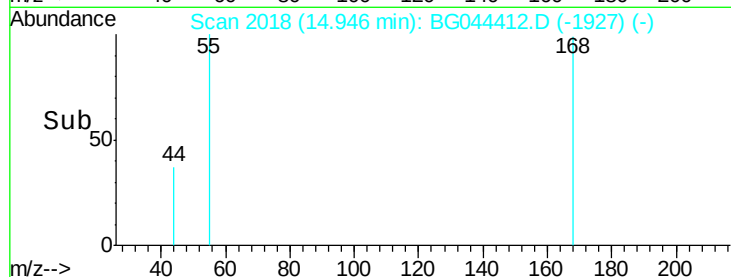
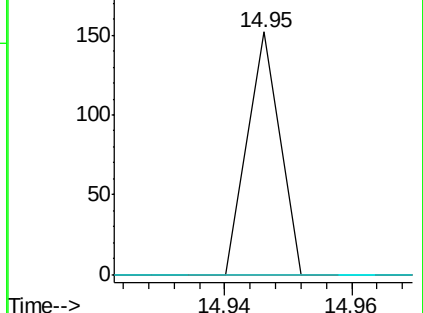
169 0.0 11.7 17.5#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

2,4-Dinitrotoluene

Concen: 5.735 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.36 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Tgt Ion:165 Resp: 25229

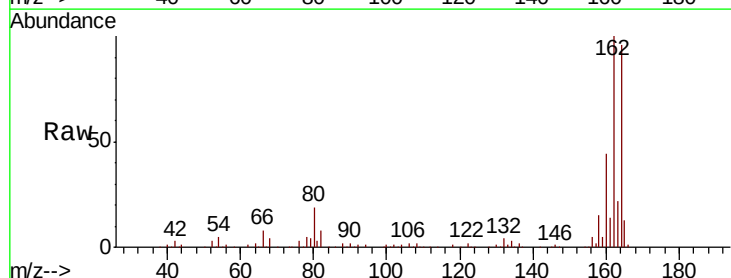
Ion Ratio Lower Upper

165 100

63 0.0 30.3 45.5#

89 1.3 53.4 80.2#

182 0.0 2.1 3.1#

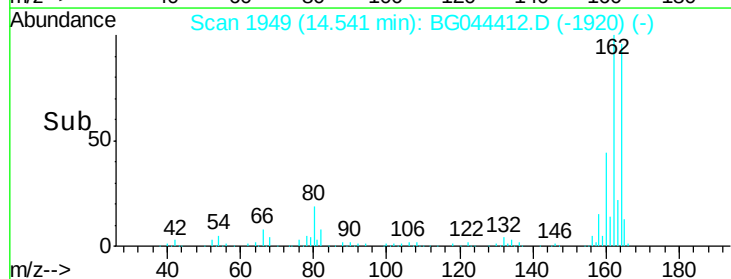
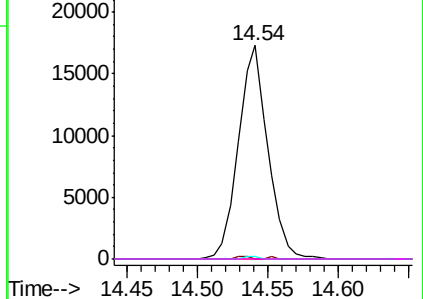


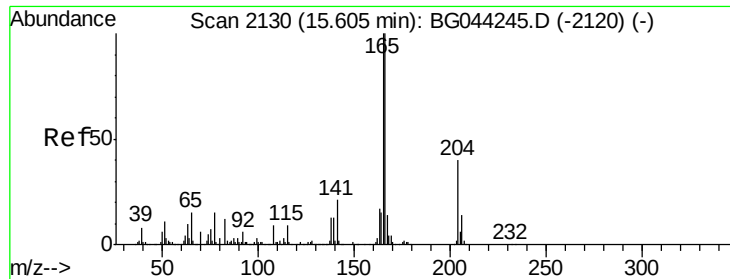
Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.982 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.44 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampled :

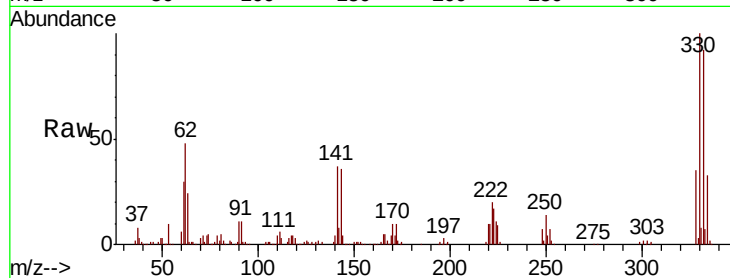
Tot Ion:166 Resp: 12512

Ion Ratio Lower Upper

166 100

165 101.9 79.9 119.9

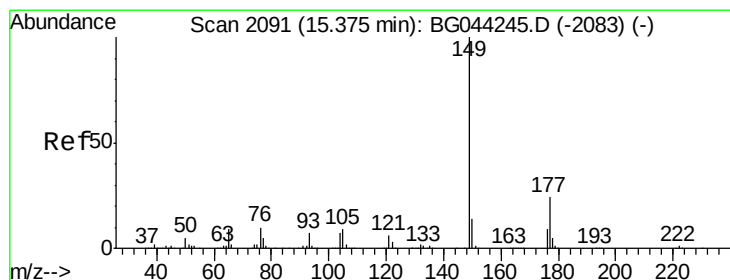
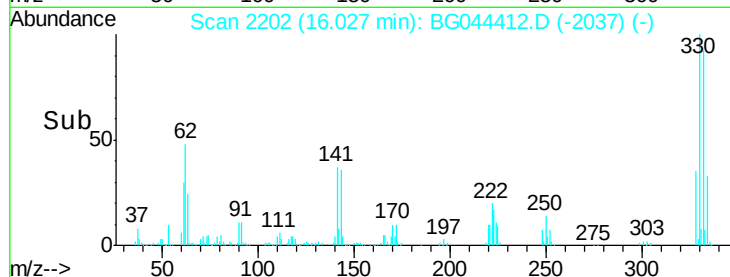
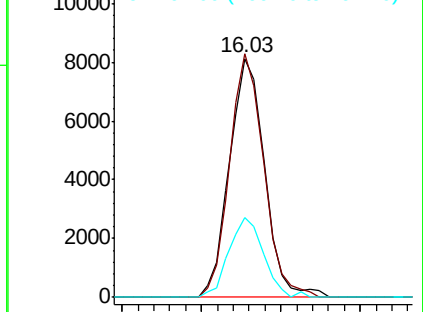
167 33.5 11.4 17.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

Diethylphthalate

Concen: 0.014 ng

RT: 15.35 min Scan# 2087

Delta R.T. -0.02 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

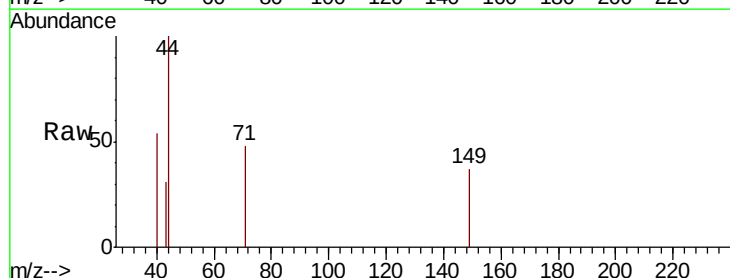
Tgt Ion:149 Resp: 196

Ion Ratio Lower Upper

149 100

177 0.0 19.4 29.0#

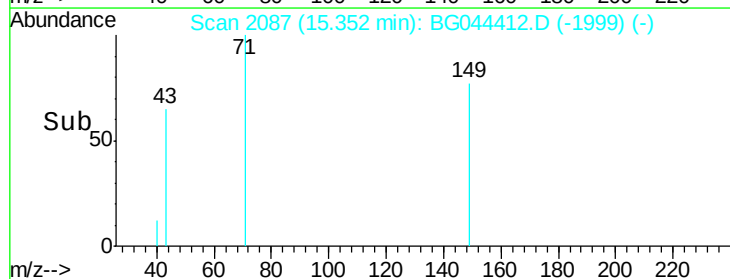
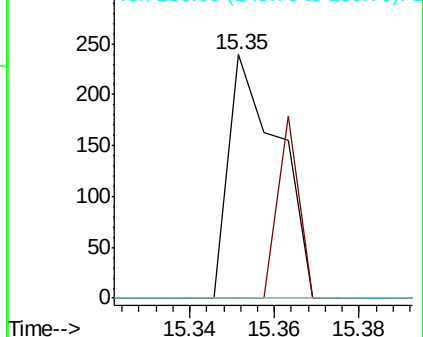
150 0.0 10.9 16.3#

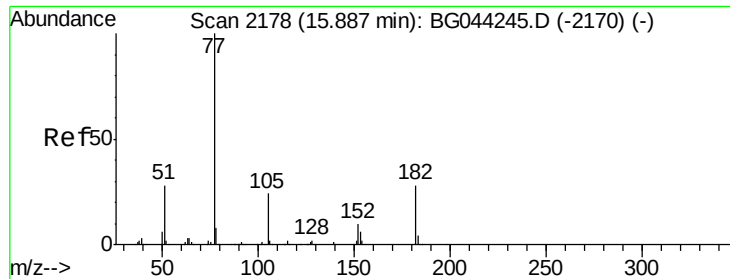


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Azobenzene

Concen: 0.123 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.15 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 1506

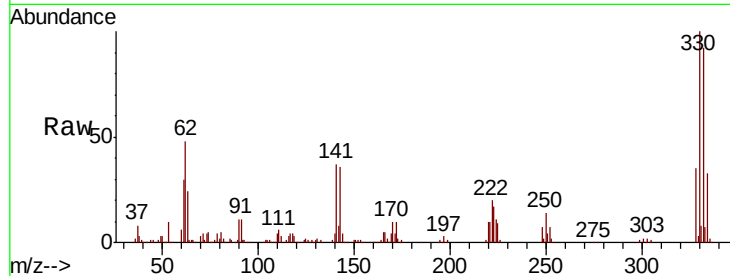
Ion Ratio Lower Upper

77 100

182 0.0 8.2 48.2#

105 104.1 3.6 43.6#

51 63.4 8.3 48.3#

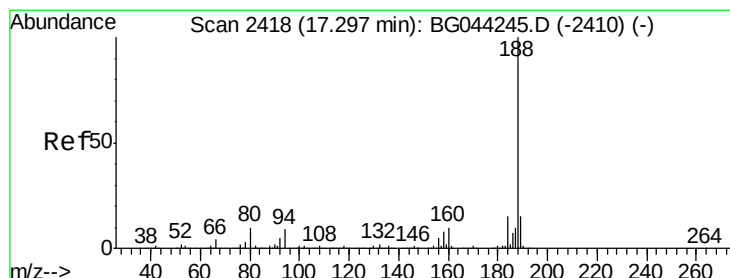
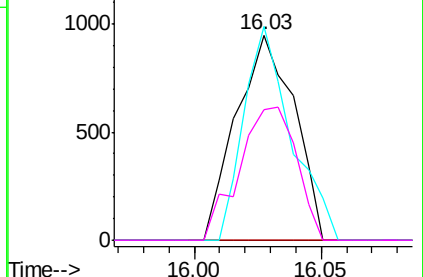
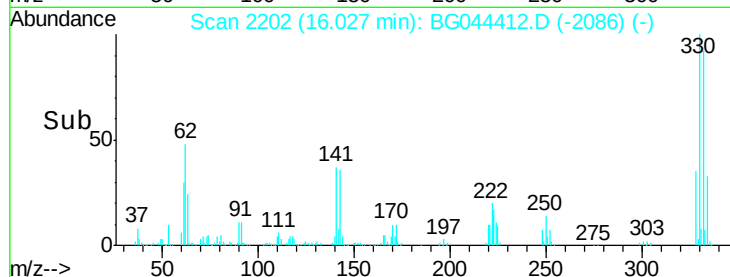


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.28 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

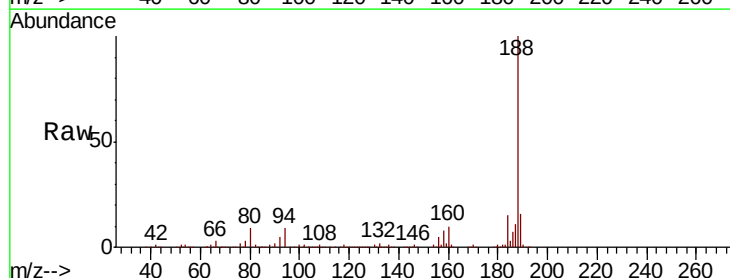
Tgt Ion: 188 Resp: 481657

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

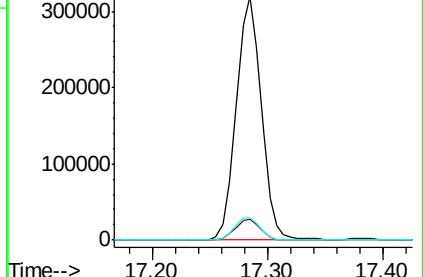
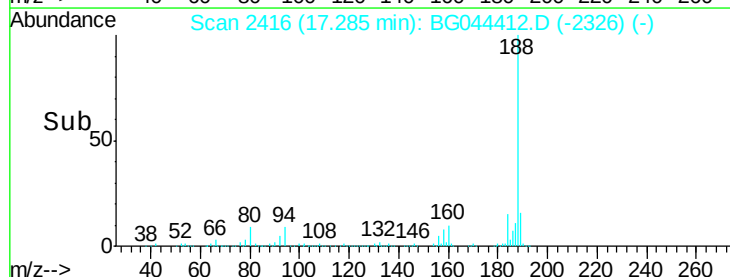
80 9.2 7.7 11.5

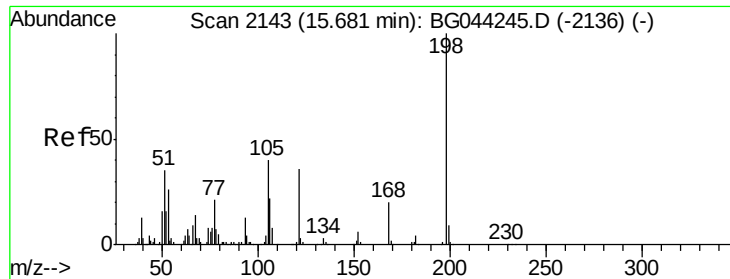


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 0.273 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.35 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampled :

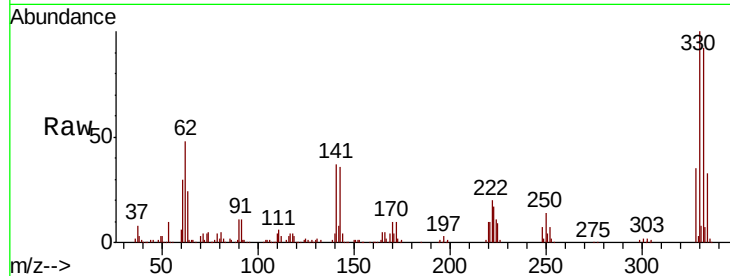
Tot Ion:198 Resp: 726

Ion Ratio Lower Upper

198 100

51 106.7 16.6 56.6#

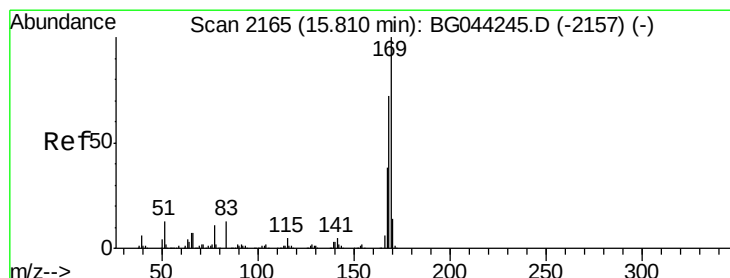
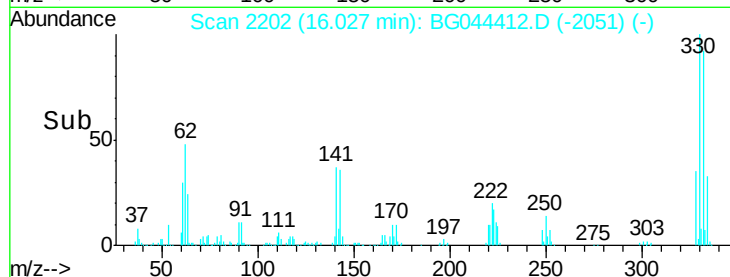
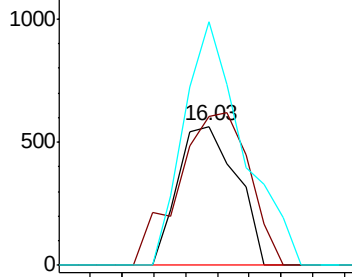
105 175.2 20.6 60.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 0.718 ng

RT: 16.03 min Scan# 2202

Delta R.T. 0.23 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

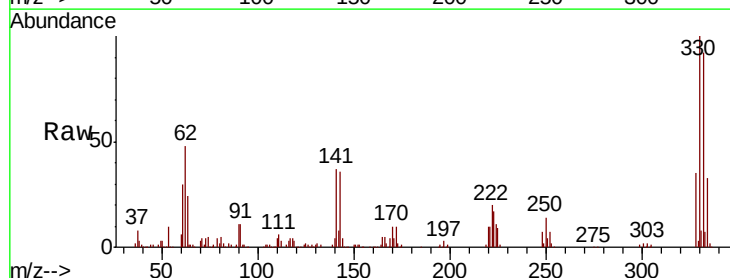
Tgt Ion:169 Resp: 9698

Ion Ratio Lower Upper

169 100

168 9.8 57.9 86.9#

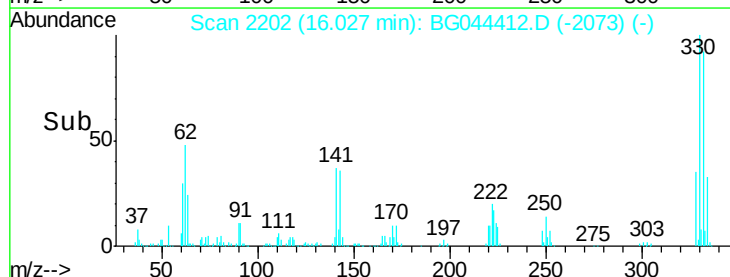
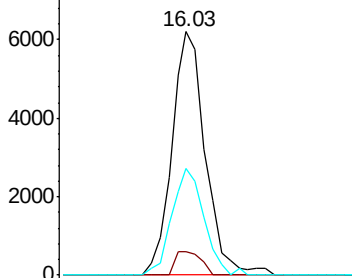
167 43.8 30.7 46.1

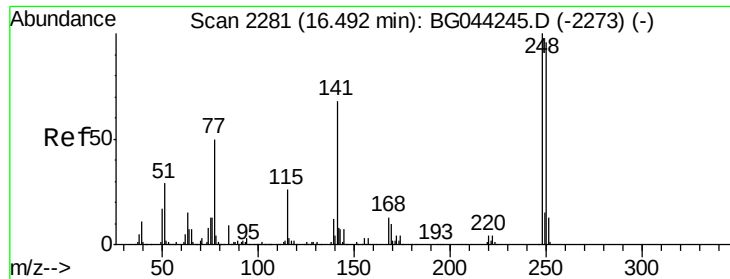


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

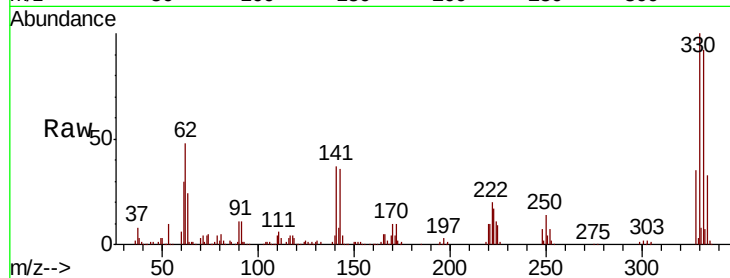




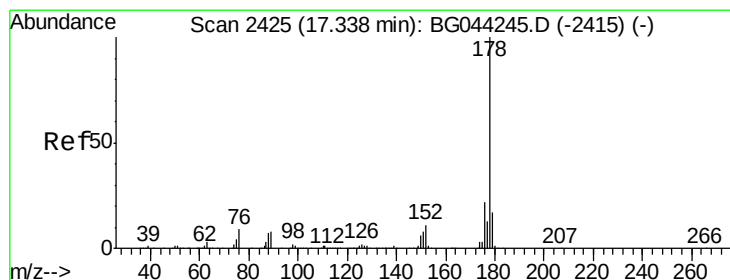
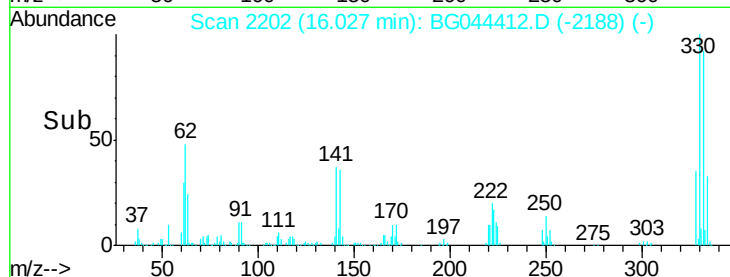
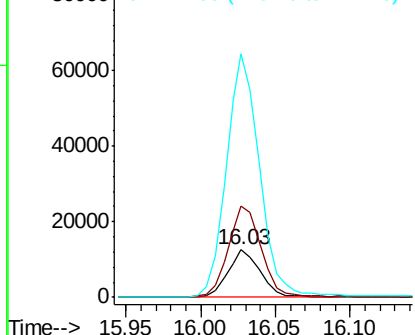
#67
 4-Bromophenyl-phenylether
 Concen: 3.629 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.45 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 19046
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.6 114.8#
 141 514.8 54.7 82.1#

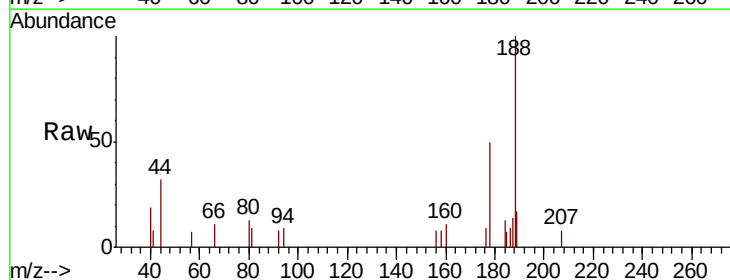


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

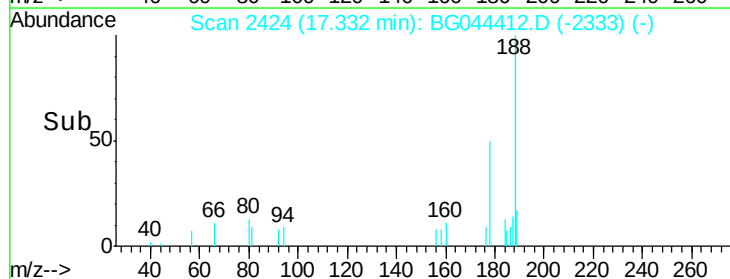
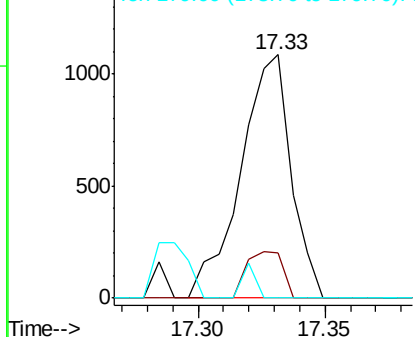


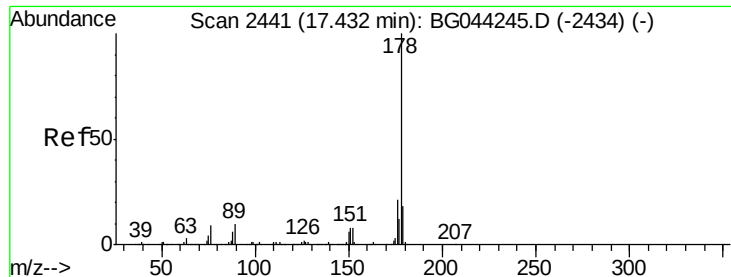
#71
 Phenanthrene
 Concen: 0.064 ng
 RT: 17.33 min Scan# 2424
 Delta R.T. 0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion:178 Resp: 1504
 Ion Ratio Lower Upper
 178 100
 176 18.6 17.7 26.5
 179 0.0 13.7 20.5#



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: 0.022 ng

RT: 17.43 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

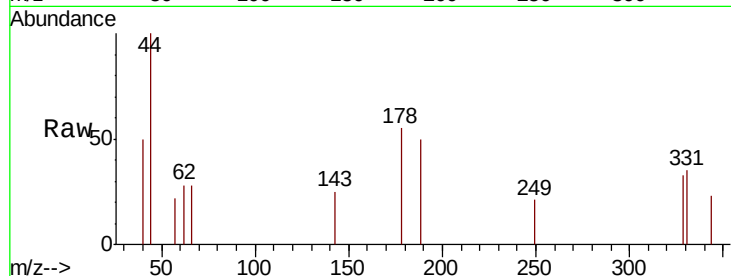
Tot Ion:178 Resp: 506

Ion Ratio Lower Upper

178 100

176 0.0 17.0 25.4#

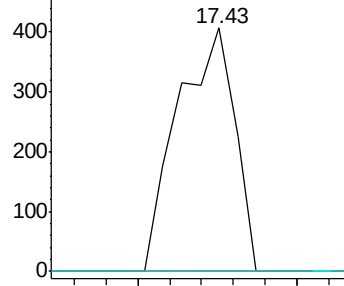
179 0.0 14.4 21.6#



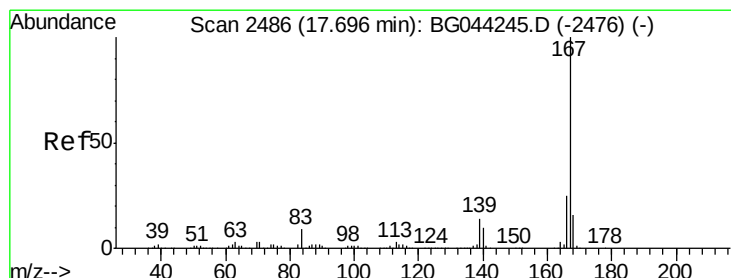
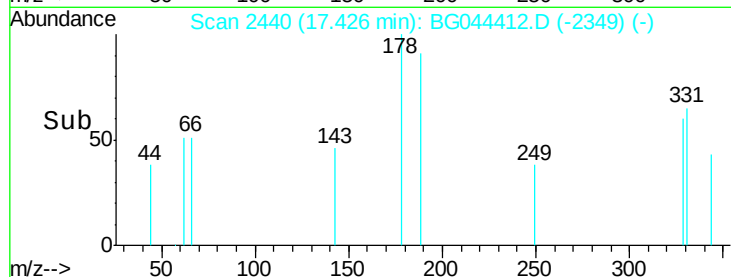
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#73

Carbazole

Concen: 0.003 ng

RT: 17.69 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

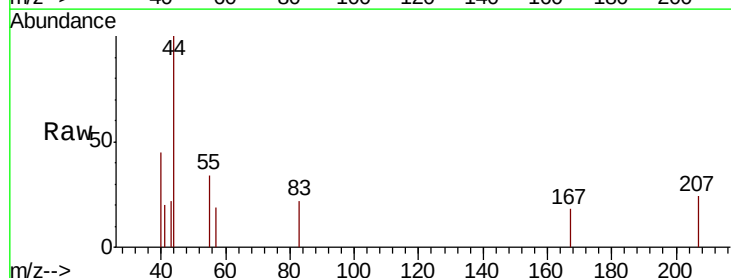
Tgt Ion:167 Resp: 60

Ion Ratio Lower Upper

167 100

166 0.0 19.8 29.6#

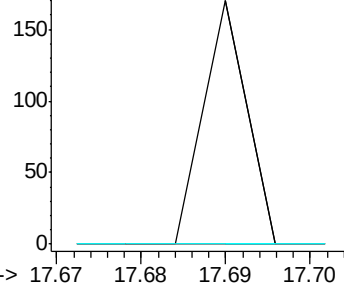
139 0.0 11.1 16.7#



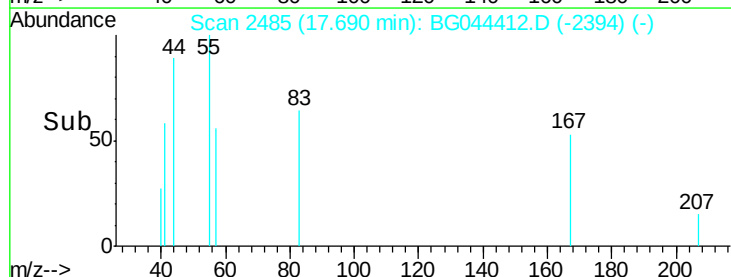
Abundance Ion 167.00 (166.70 to 167.70): E

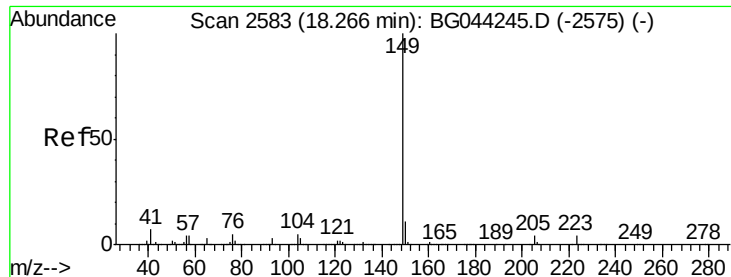
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#74

Di-n-butylphthalate

Concen: 0.026 ng

RT: 18.26 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

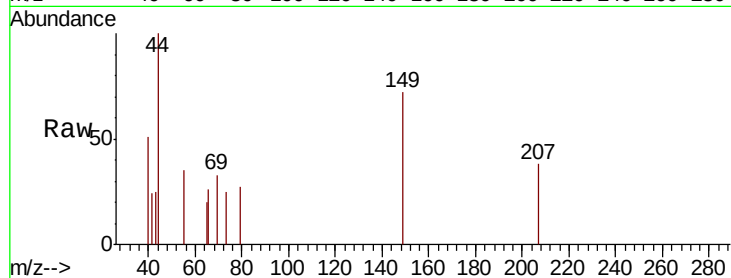
Tot Ion:149 Resp: 689

Ion Ratio Lower Upper

149 100

150 0.0 8.7 13.1#

104 0.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.26

600

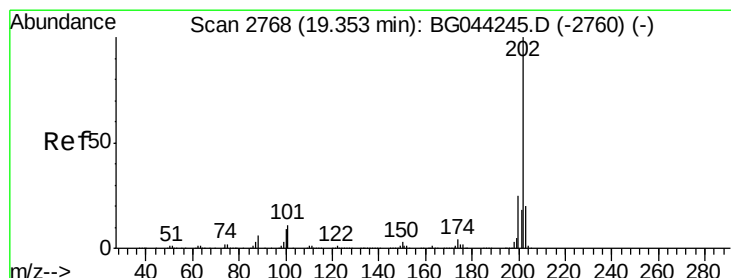
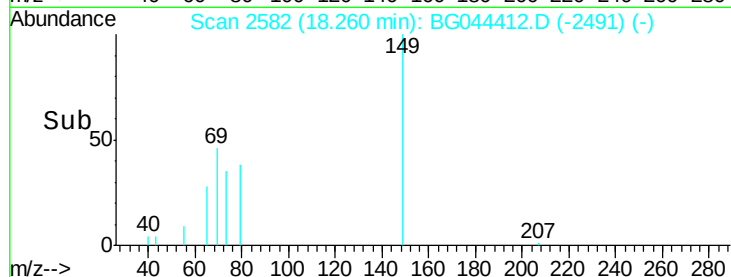
400

200

0

18.25

Time-->



#75

Fluoranthene

Concen: 0.392 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

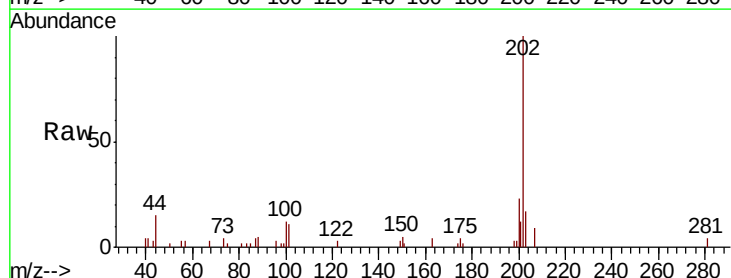
Tgt Ion:202 Resp: 10569

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.3

203 17.3 0.0 39.9



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

19.34

8000

6000

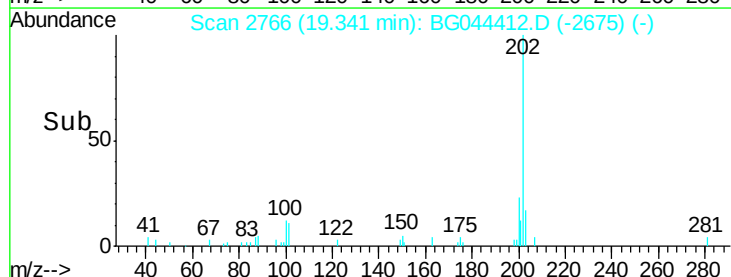
4000

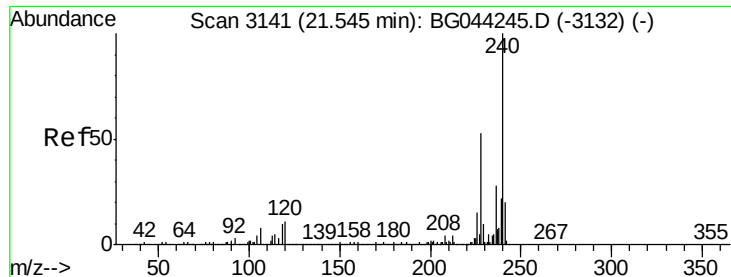
2000

0

19.30 19.35 19.40

Time-->

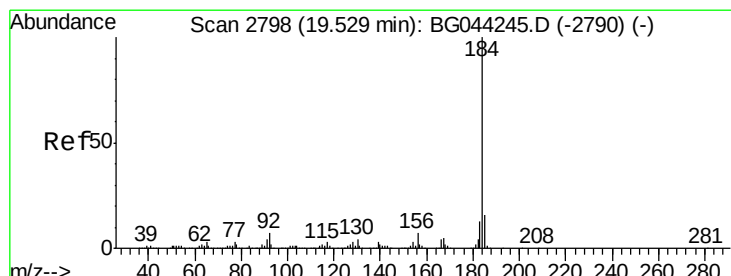
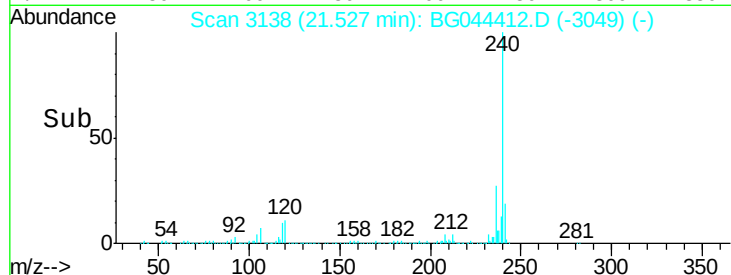
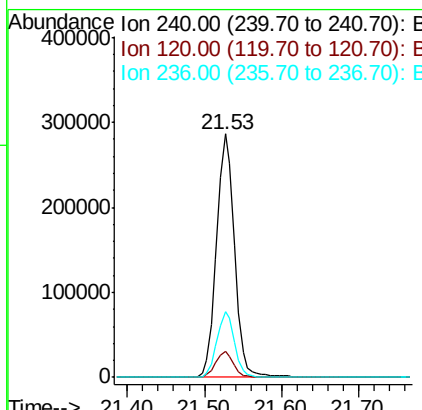
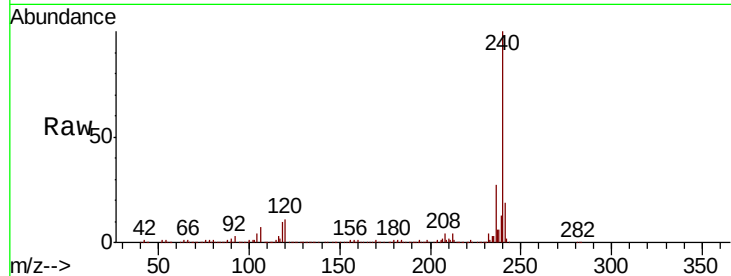




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

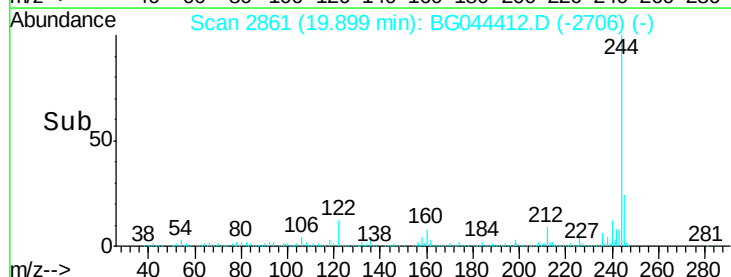
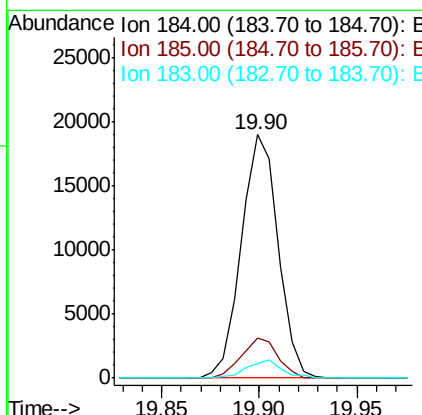
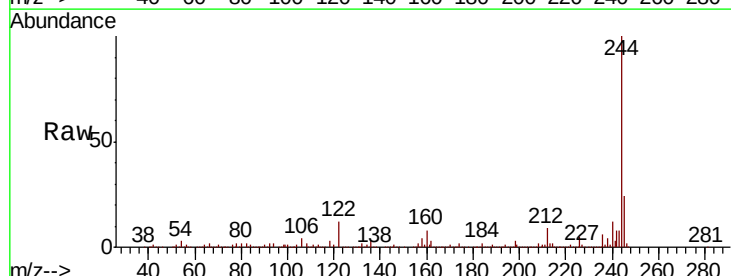
Instrument :
 BNA_G
 ClientSampleId :

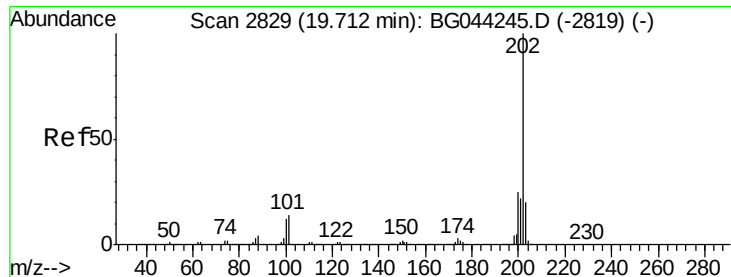
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.4	12.6
236	26.8	22.1	33.1



#77
 Benzidine
 Concen: 1.933 ng
 RT: 19.90 min Scan# 2861
 Delta R.T. 0.38 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.9	19.3
183	5.9	10.8	16.2#





#78

Pvrene

Concen: 0.338 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

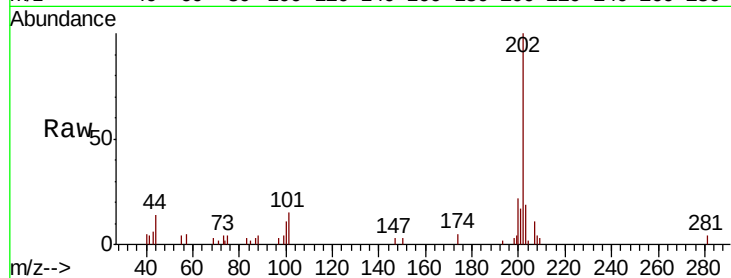
Tot Ion:202 Resp: 10012

Ion Ratio Lower Upper

202 100

200 22.1 20.0 30.0

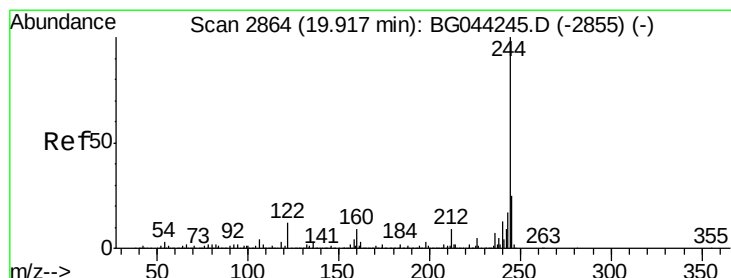
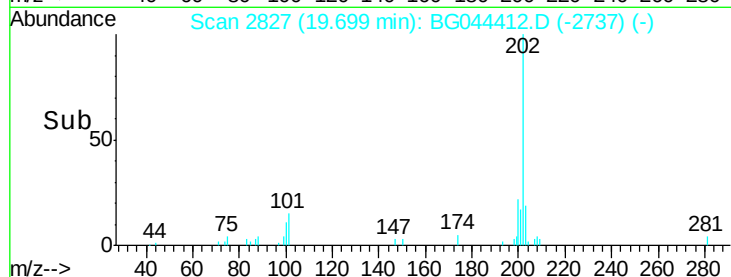
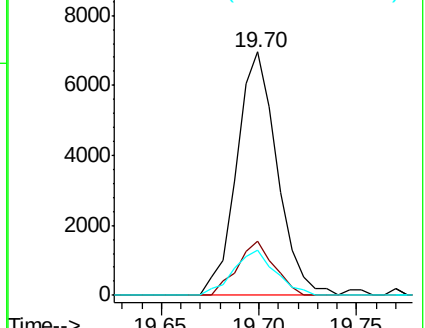
203 18.6 16.2 24.2



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: 70.519 ng

RT: 19.90 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

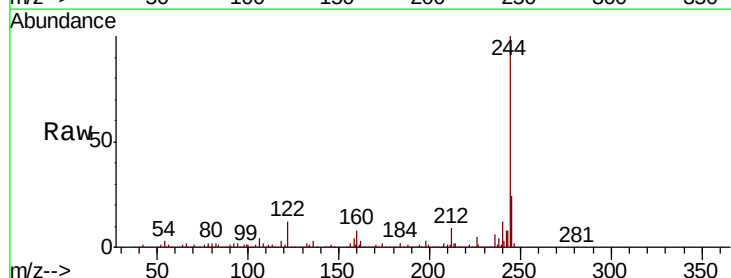
Tgt Ion:244 Resp: 1583282

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

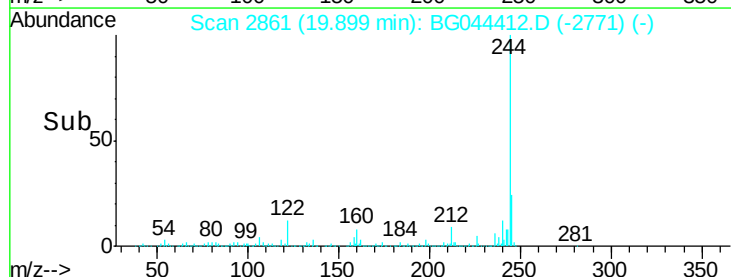
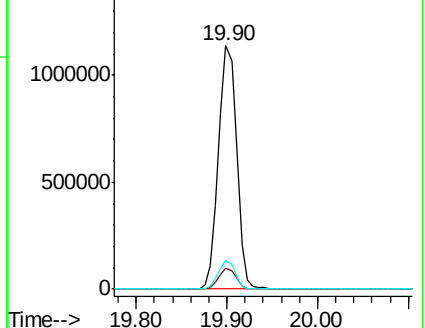
122 11.6 9.8 14.6

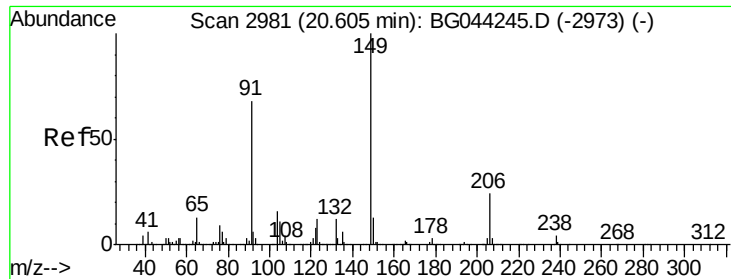


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

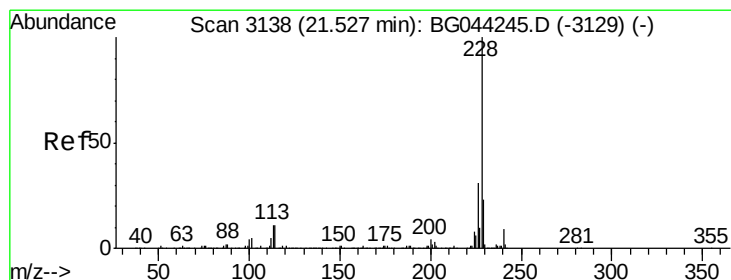
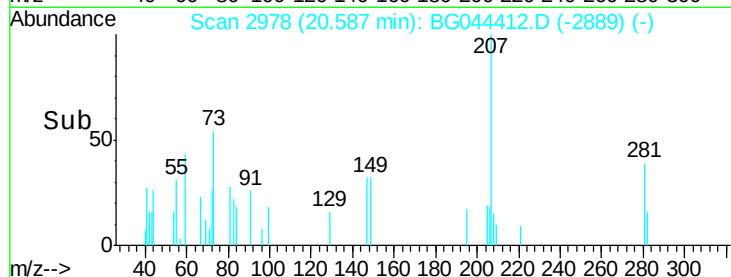
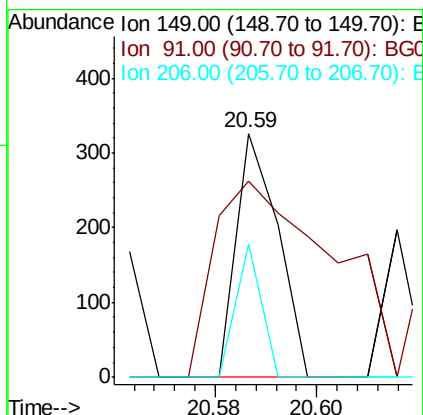
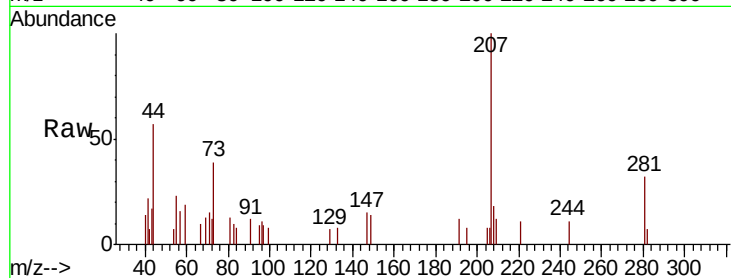




#80
Butylbenzylphthalate
Concen: 0.014 ng
RT: 20.59 min Scan# 2978
Delta R.T. -0.01 min
Lab File: BG044412.D
Acq: 12 Feb 2020 17:10

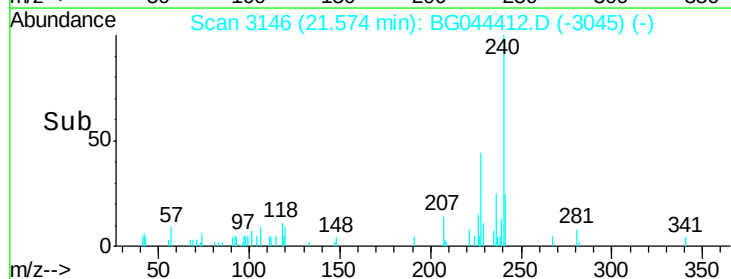
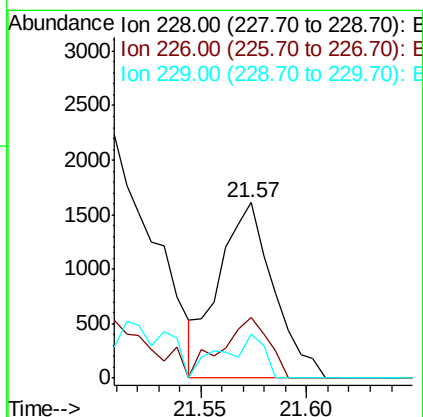
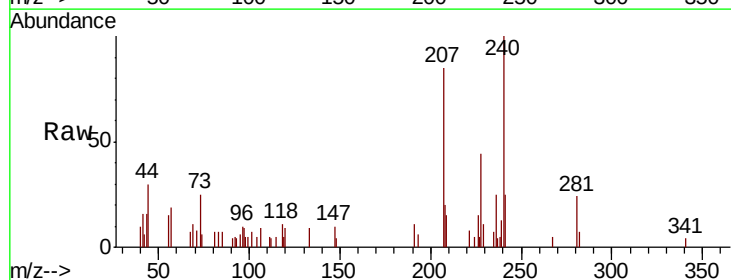
Instrument :
BNA_G
ClientSampled :

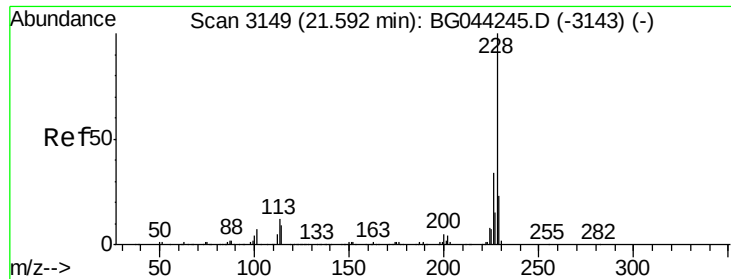
Tot Ion:149 Resp: 187
Ion Ratio Lower Upper
149 100
91 80.7 54.5 81.7
206 54.6 19.1 28.7#



#81
Benzo(a)anthracene
Concen: 0.102 ng
RT: 21.57 min Scan# 3146
Delta R.T. 0.06 min
Lab File: BG044412.D
Acq: 12 Feb 2020 17:10

Tgt Ion:228 Resp: 2896
Ion Ratio Lower Upper
228 100
226 34.7 24.7 37.1
229 25.0 18.2 27.4

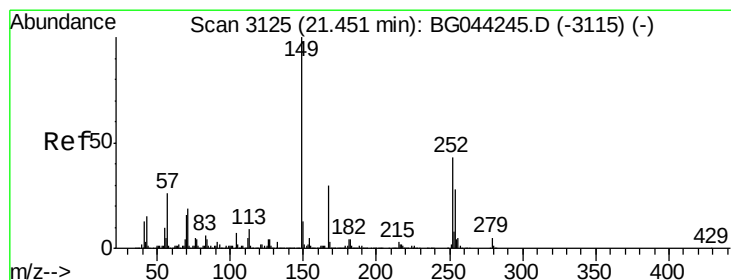
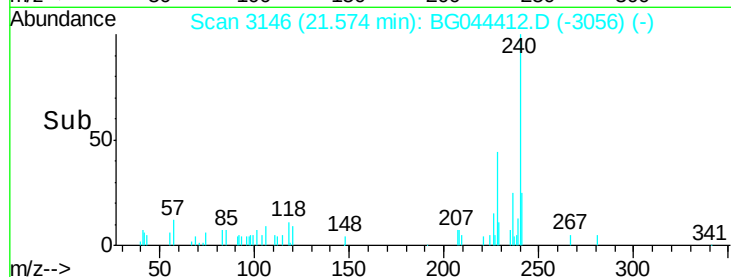
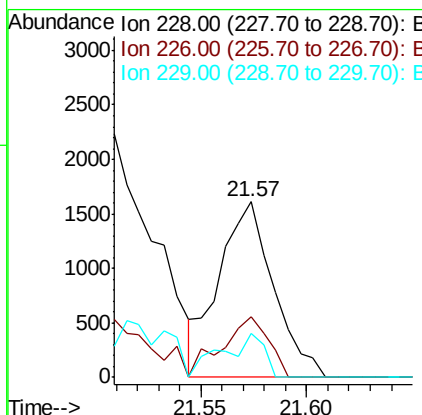
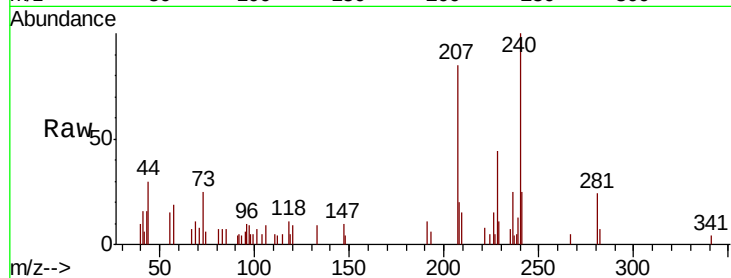




#83
 Chrysene
 Concen: 0.105 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

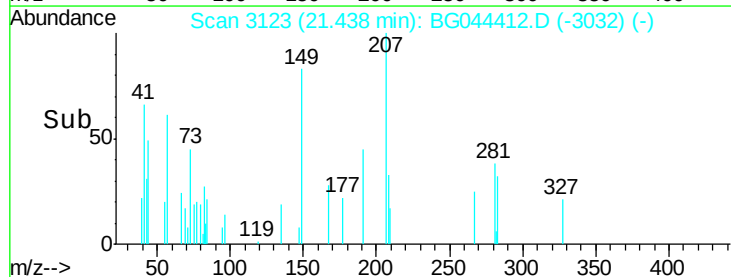
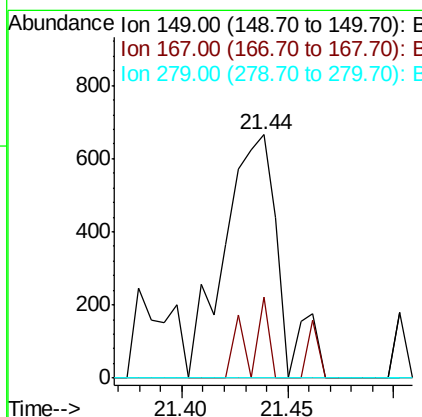
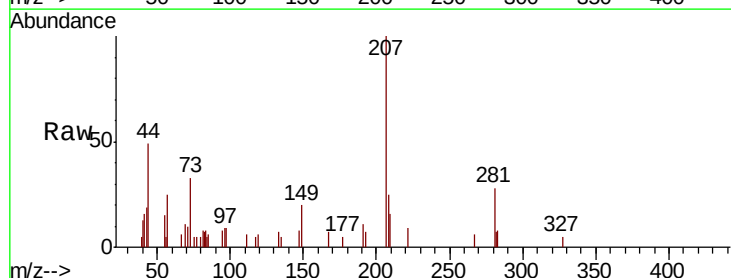
Instrument :
 BNA_G
 ClientSampled :

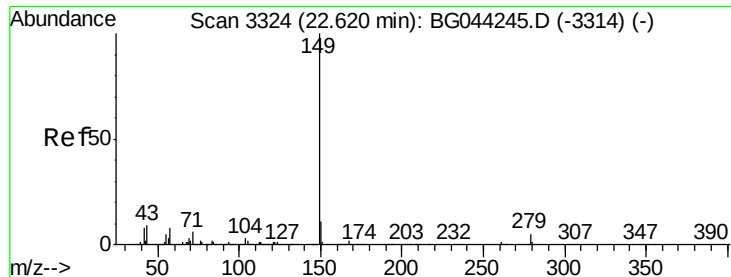
Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	27.1	40.7
229	25.0	17.9	26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.065 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044412.D
 Acq: 12 Feb 2020 17:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	33.5	24.0	36.0
279	0.0	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 0.033 ng

RT: 22.60 min Scan# 3320

Delta R.T. -0.01 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampled :

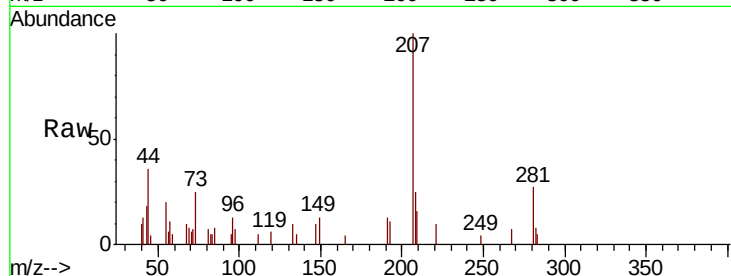
Tot Ion:149 Resp: 1059

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 27.2 7.4 11.0#

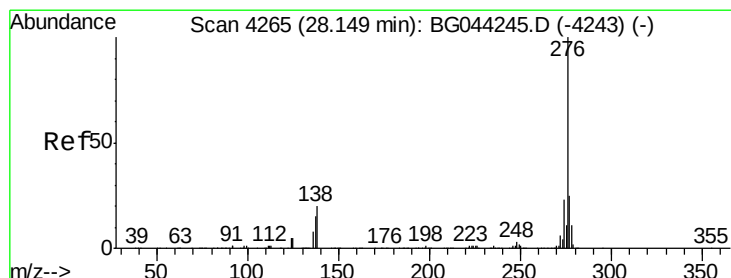
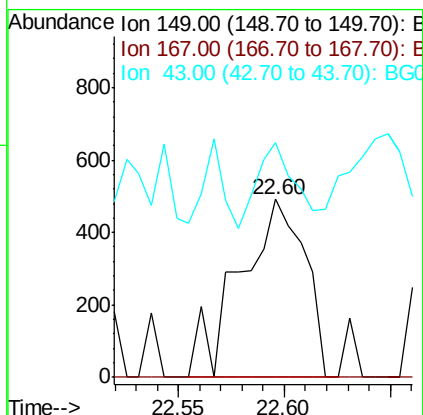
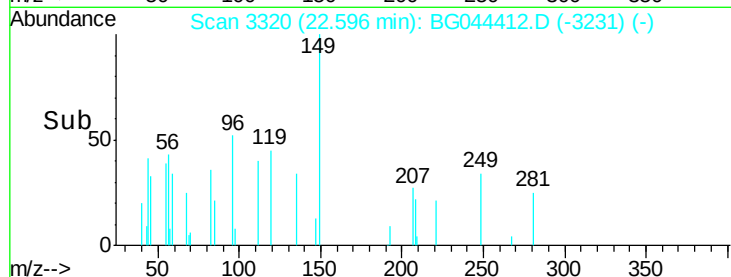


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.027 ng

RT: 28.10 min Scan# 4256

Delta R.T. -0.02 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

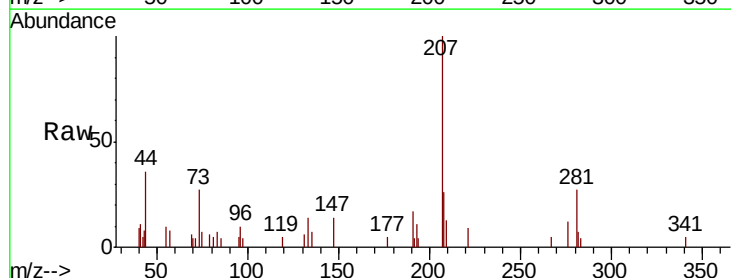
Tgt Ion:276 Resp: 971

Ion Ratio Lower Upper

276 100

138 6.1 19.4 29.0#

277 0.0 21.0 31.6#

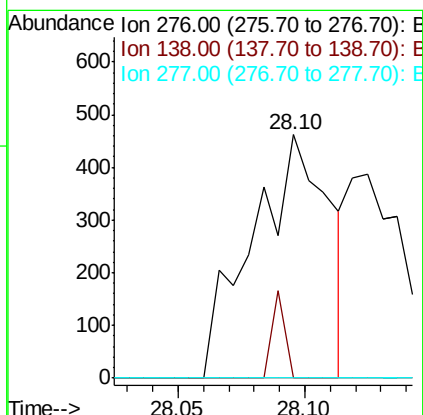
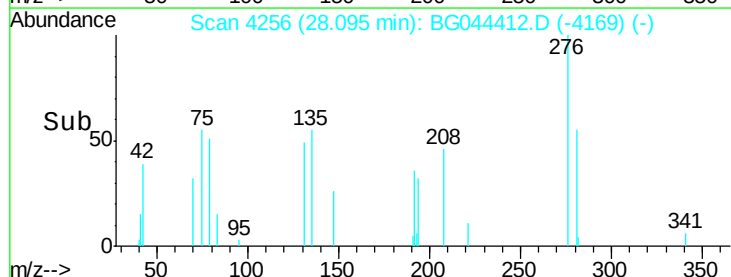


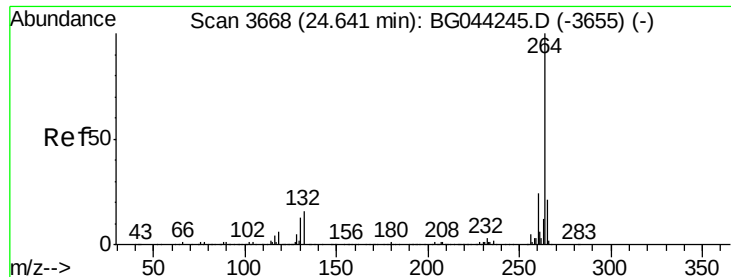
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampled :

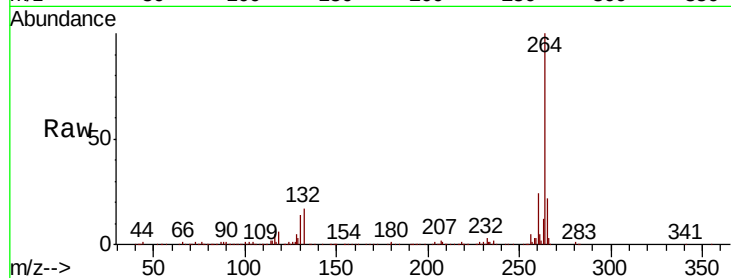
Tot Ion:264 Resp: 474259

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

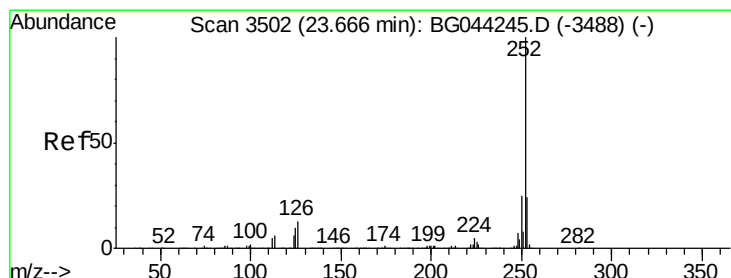
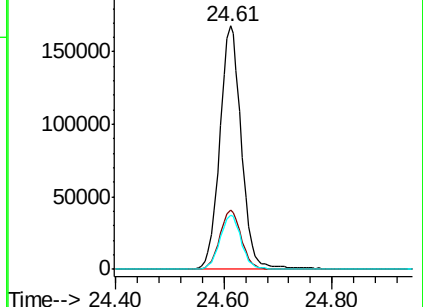
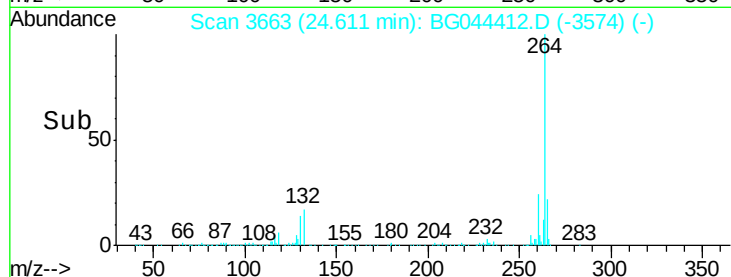
265 22.2 16.7 25.1



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: 0.135 ng

RT: 23.65 min Scan# 3500

Delta R.T. 0.01 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

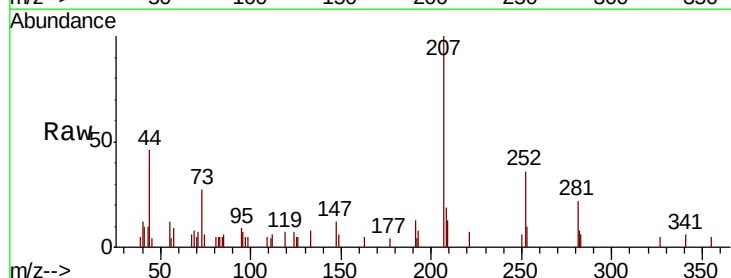
Tgt Ion:252 Resp: 3693

Ion Ratio Lower Upper

252 100

253 26.7 19.2 28.8

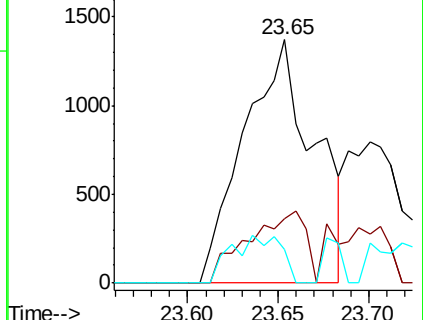
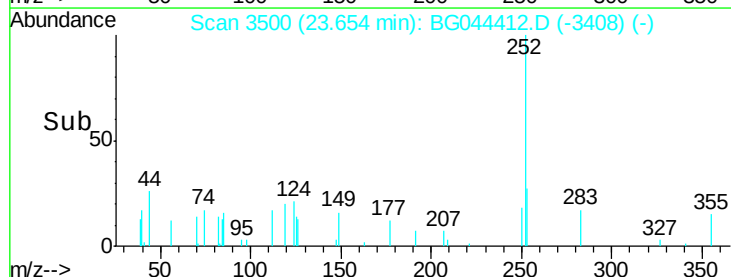
125 13.7 8.4 12.6#

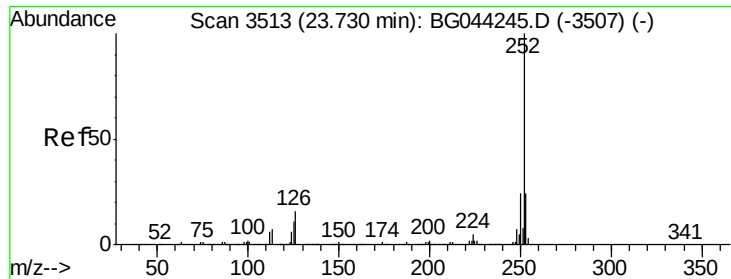


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

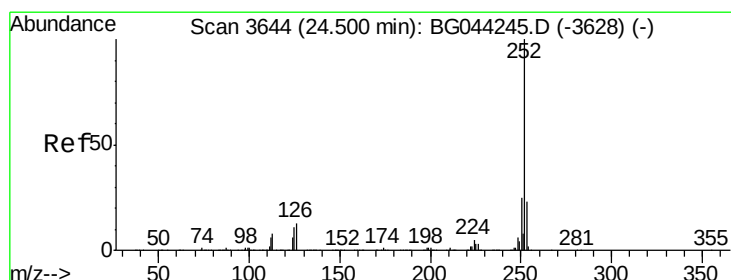
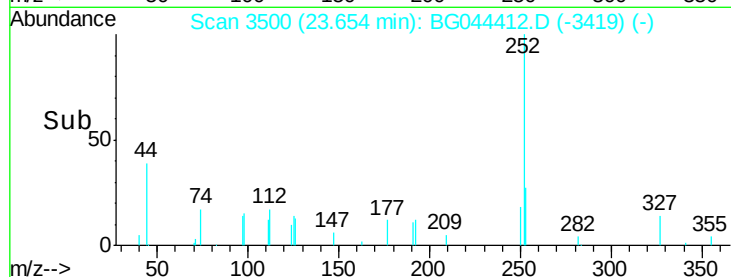
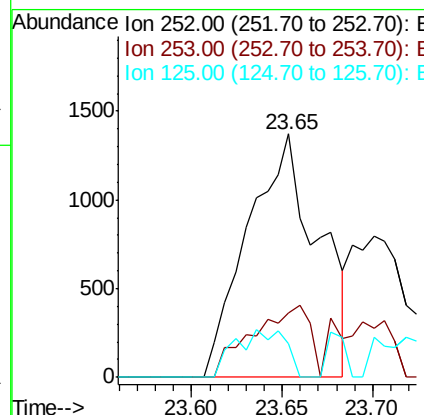
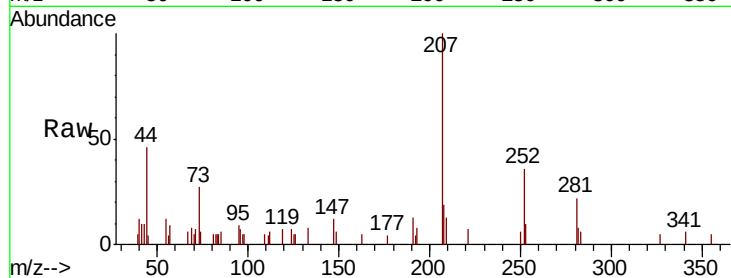




#89
Benzo(k)fluoranthene
Concen: 0.139 ng
RT: 23.65 min Scan# 3500
Delta R.T. -0.06 min
Lab File: BG044412.D
Acq: 12 Feb 2020 17:10

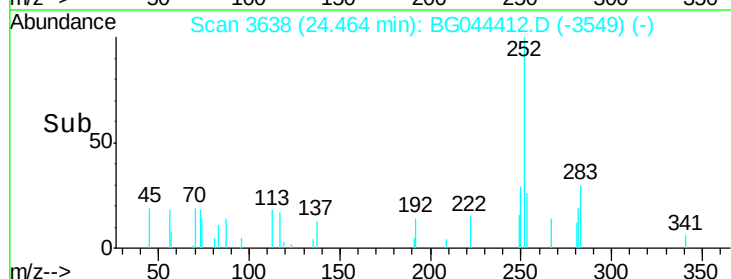
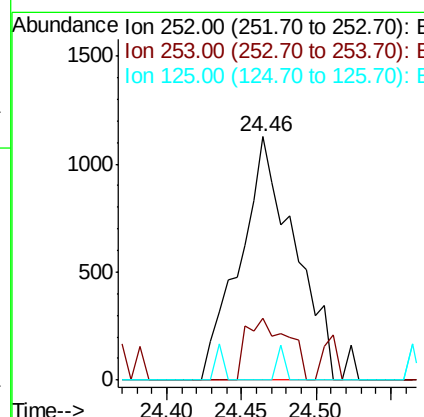
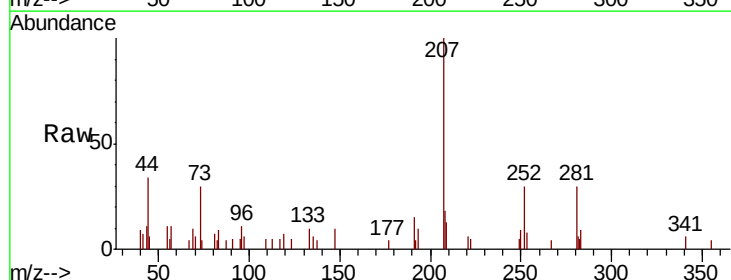
Instrument :
BNA_G
ClientSampleId :

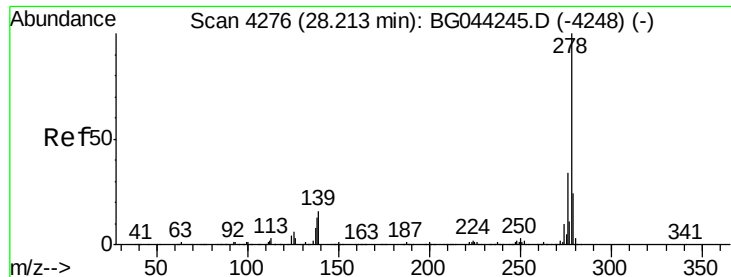
Tot Ion:252 Resp: 3693
Ion Ratio Lower Upper
252 100
253 26.7 19.1 28.7
125 13.7 8.6 12.8#



#90
Benzo(a)pyrene
Concen: 0.111 ng
RT: 24.46 min Scan# 3638
Delta R.T. -0.01 min
Lab File: BG044412.D
Acq: 12 Feb 2020 17:10

Tgt Ion:252 Resp: 2865
Ion Ratio Lower Upper
252 100
253 25.6 18.1 27.1
125 0.0 8.6 13.0#





#91

Dibenzo(a,h)anthracene

Concen: 0.006 ng

RT: 28.17 min Scan# 4269

Delta R.T. -0.00 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

Instrument :

BNA_G

ClientSampleId :

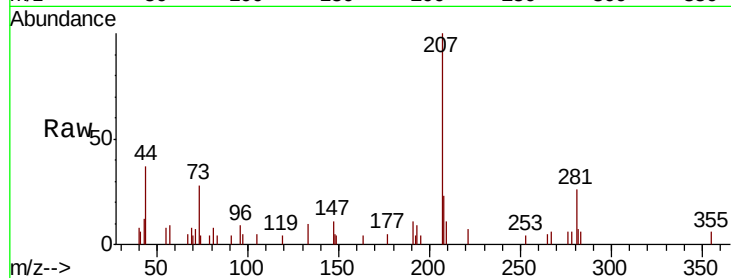
Tot Ion:278 Resp: 152

Ion Ratio Lower Upper

278 100

139 0.0 12.7 19.1#

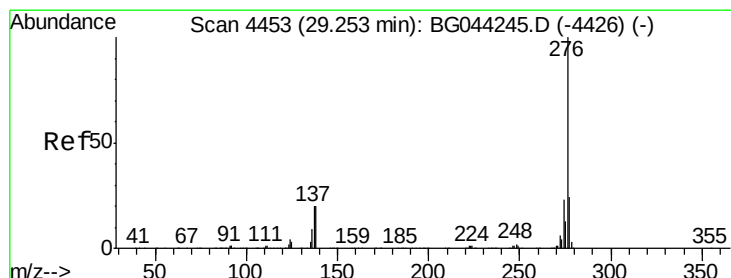
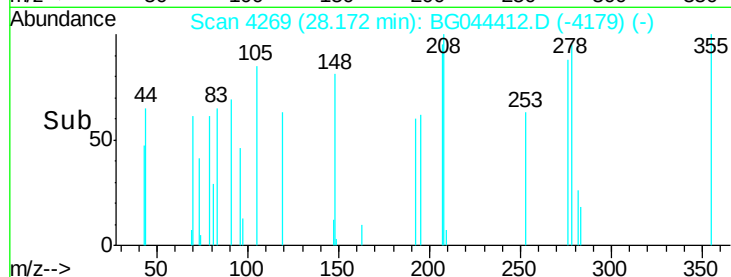
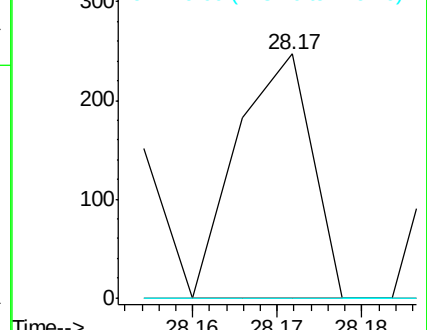
279 0.0 19.3 28.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.017 ng

RT: 29.19 min Scan# 4443

Delta R.T. -0.01 min

Lab File: BG044412.D

Acq: 12 Feb 2020 17:10

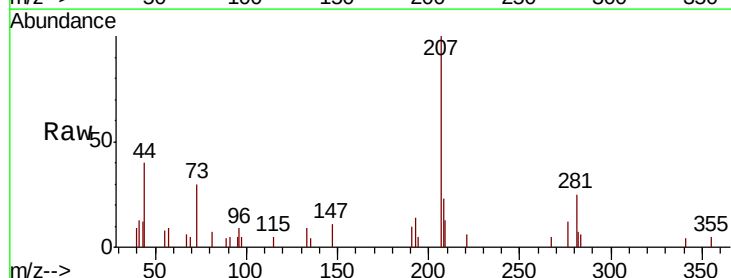
Tgt Ion:276 Resp: 437

Ion Ratio Lower Upper

276 100

277 0.0 18.8 28.2#

138 0.0 16.2 24.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

