

Data File : BG044078.D
Acq On : 17 Jan 2020 17:21
Operator : JU
Sample : PB126138BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126138BL

Quant Time: Jan 18 03:10:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	74820	20.00	ng	-0.03
21) Naphthalene-d8	10.74	136	318769	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	228249	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	519143	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	438888	20.00	ng	-0.03
87) Perylene-d12	24.67	264	486774	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	442712	108.64	ng	-0.02
7) Phenol-d6	7.11	99	413198	72.54	ng	-0.02
23) Nitrobenzene-d5	9.09	82	525373	88.17	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	400470	167.66	ng	-0.02
45) 2-Fluorobiphenyl	13.19	172	1243668	98.72	ng	-0.03
79) Terphenyl-d14	19.93	244	1949533	117.91	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	562	0.316	ng	# 45
3) Pyridine	3.83	79	55	0.010	ng	# 1
4) n-Nitrosodimethylamine	3.75	42	215	0.092	ng	# 1
6) Aniline	7.37	93	68	0.009	ng	# 43
8) 2-Chlorophenol	7.49	128	66	0.014	ng	# 1
9) Benzaldehyde	7.06	77	711	0.195	ng	95
10) Phenol	7.19	94	68	0.012	ng	# 42
11) bis(2-Chloroethyl)ether	7.37	93	68	0.013	ng	# 21
15) Benzyl Alcohol	8.25	79	8148	1.813	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	8.02	45	57	0.007	ng	68
19) n-Nitroso-di-n-propylamine	9.09	70	69556	16.398	ng	# 77
22) Acetophenone	8.76	105	4362	0.550	ng	# 93
24) Nitrobenzene	9.09	77	1676	0.284	ng	# 34
25) Isophorone	9.71	82	87	0.008	ng	# 65
28) bis(2-Chloroethoxy)methane	10.43	93	54	0.007	ng	# 48
46) 1,1'-Biphenyl	13.40	154	2814	0.172	ng	87
48) 2-Nitroaniline	13.19	65	2035	0.478	ng	# 1
51) 2,6-Dinitrotoluene	14.57	165	30118	8.222	ng	# 26
52) Acenaphthene	14.57	154	862	0.065	ng	# 4
57) 2,4-Dinitrotoluene	14.57	165	30118	6.043	ng	# 27
58) Fluorene	16.05	166	19024	1.308	ng	# 87
60) Diethylphthalate	15.38	149	316	0.019	ng	# 56
63) Azobenzene	16.05	77	2473	0.165	ng	# 17
65) 4,6-Dinitro-2-methylphenol	16.05	198	1262	4.818	ng	# 1
66) n-Nitrosodiphenylamine	16.05	169	14839	0.971	ng	# 49
67) 4-Bromophenyl-phenylether	16.05	248	28861	4.943	ng	# 1
71) Phenanthrene	17.36	178	155	0.006	ng	# 55
72) Anthracene	17.46	178	57	0.002	ng	# 55
73) Carbazole	17.73	167	130	0.006	ng	# 54
74) Di-n-butylphthalate	18.28	149	2871	0.099	ng	# 87
75) Fluoranthene	19.73	202	896	0.031	ng	87
77) Benzidine	19.93	184	34194	3.100	ng	# 92
78) Pyrene	19.73	202	896	0.031	ng	# 70
80) Butylbenzylphthalate	20.61	149	3549	0.260	ng	# 86

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011720\
Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

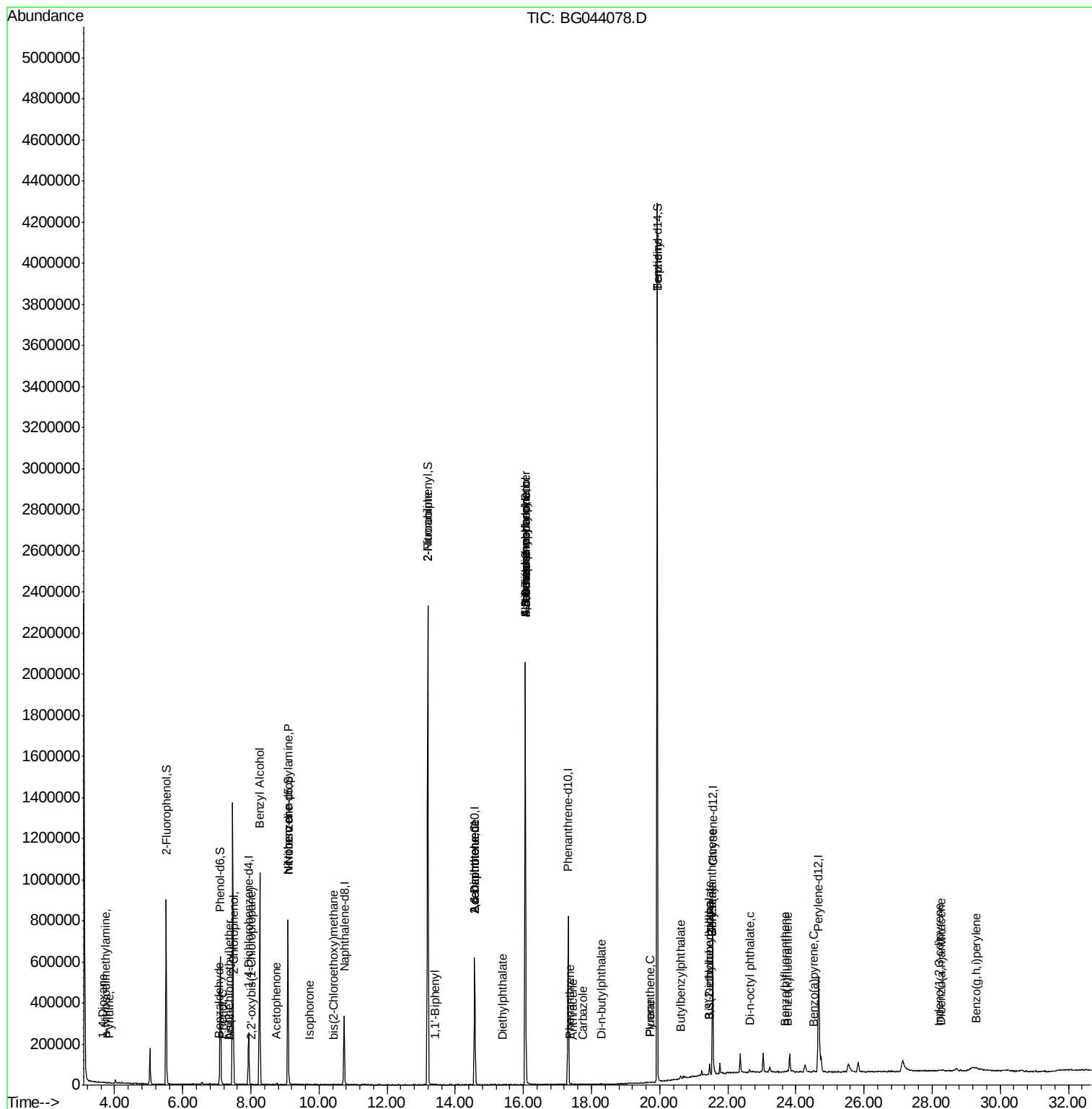
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Benzo(a)anthracene	21.54	228	6342	0.233	ng	95
82) 3,3'-Dichlorobenzidine	21.47	252	1109	0.103	ng	# 71
83) Chrysene	21.54	228	6342	0.245	ng	92
84) Bis(2-ethylhexyl)phthalate	21.47	149	21154	1.124	ng	# 95
85) Di-n-octyl phthalate	22.64	149	12659	0.400	ng	# 83
86) Indeno(1,2,3-cd)pyrene	28.20	276	1742	0.050	ng	# 79
88) Benzo(b)fluoranthene	23.69	252	5395	0.187	ng	# 88
89) Benzo(k)fluoranthene	23.75	252	4094	0.150	ng	# 72
90) Benzo(a)pyrene	24.52	252	4197	0.155	ng	# 94
91) Dibenzo(a,h)anthracene	28.26	278	1591	0.058	ng	# 40
92) Benzo(g,h,i)perylene	29.29	276	2224	0.082	ng	# 79

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

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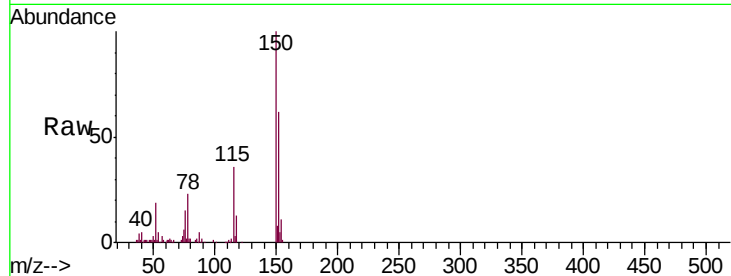


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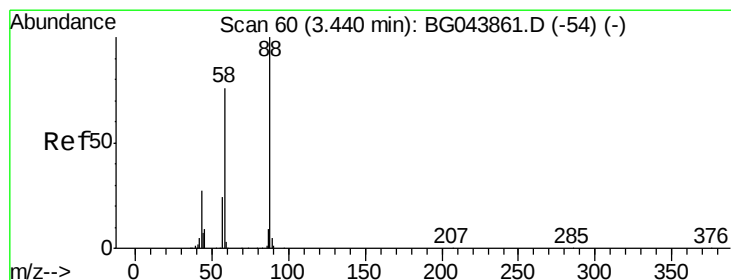
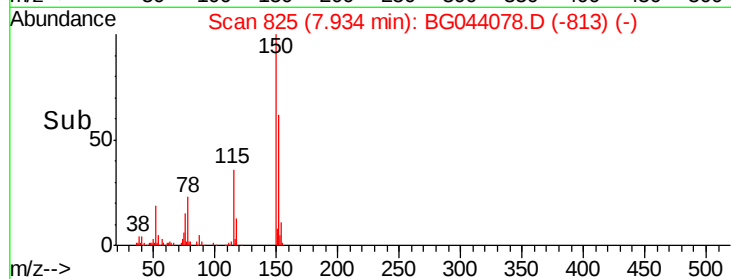
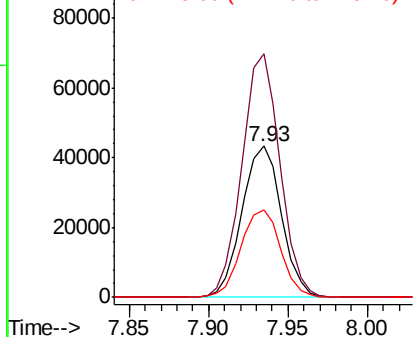
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.03 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126138BL

Tgt Ion:152 Resp: 74820
Ion Ratio Lower Upper
152 100
150 160.9 127.0 190.4
115 57.8 47.8 71.8



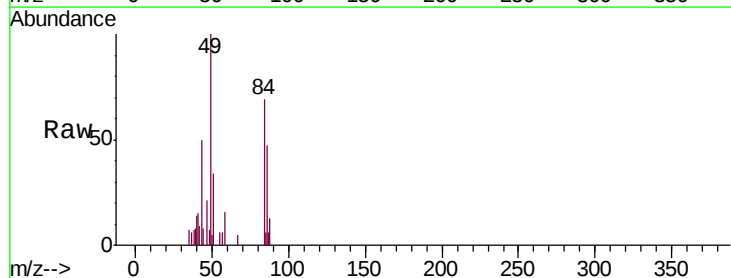
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



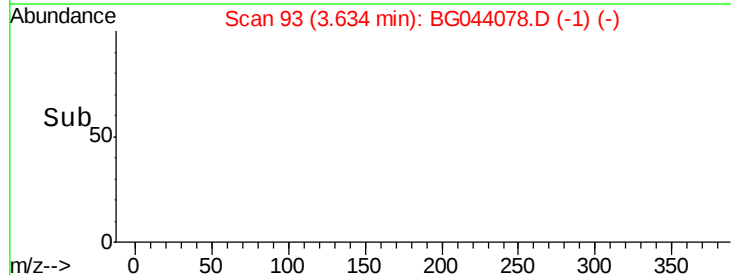
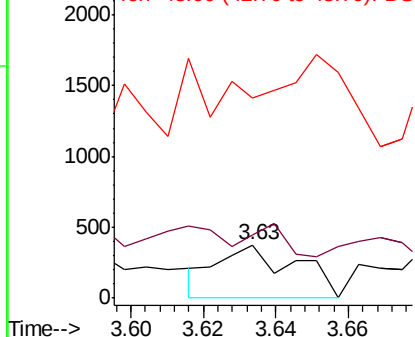
#2

1,4-Dioxane
Concen: 0.316 ng
RT: 3.63 min Scan# 93
Delta R.T. 0.19 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Tgt Ion: 88 Resp: 562
Ion Ratio Lower Upper
88 100
58 28.1 59.8 89.8#
43 0.0 22.9 34.3#



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





#3

Pyridine

Concen: 0.010 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.01 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

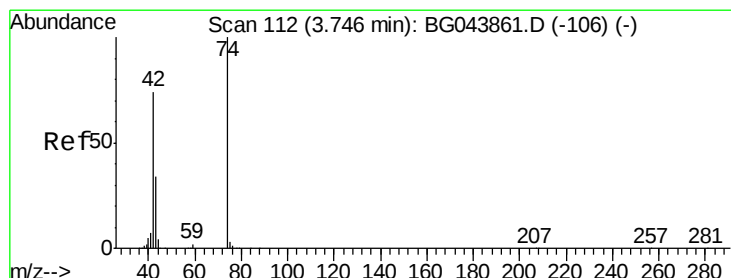
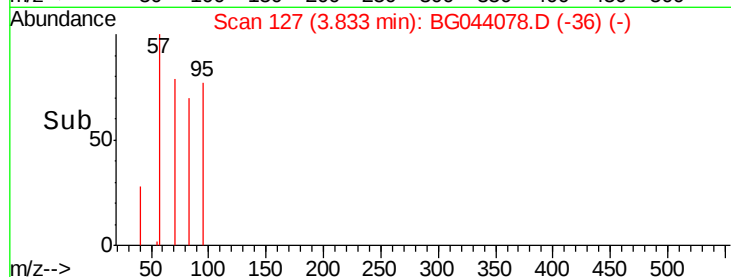
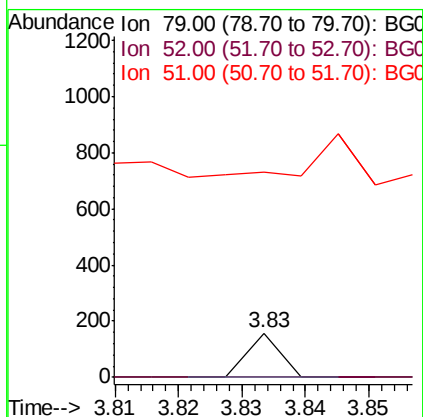
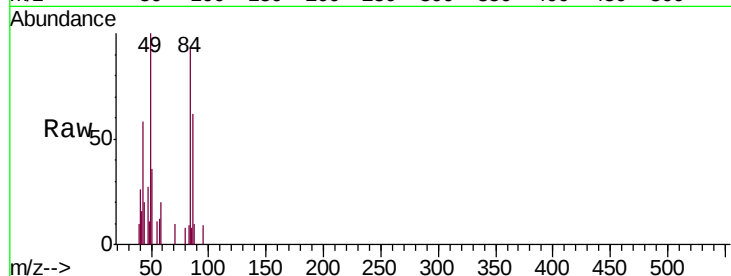
Tgt Ion: 79 Resp: 55

Ion Ratio Lower Upper

79 100

52 0.0 58.9 88.3#

51 465.0 28.6 43.0#



#4

n-Nitrosodimethylamine

Concen: 0.092 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

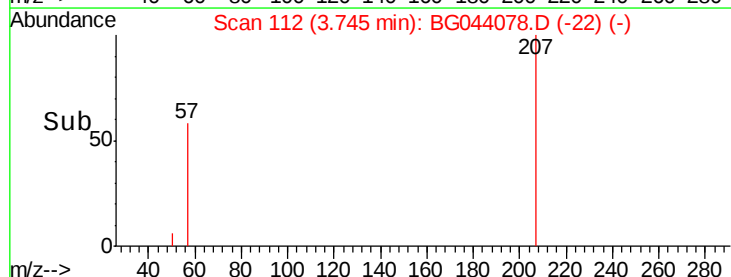
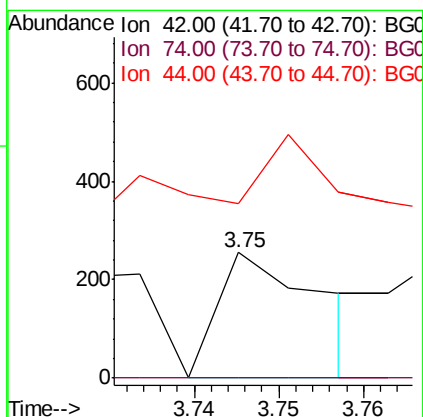
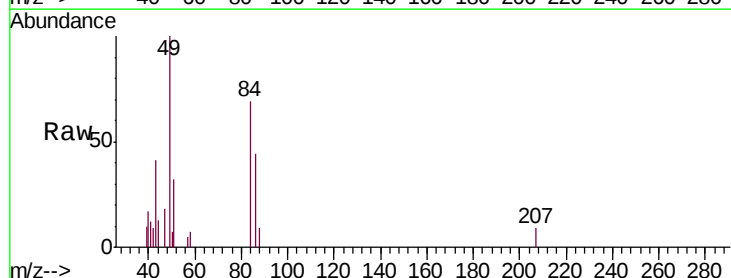
Tgt Ion: 42 Resp: 215

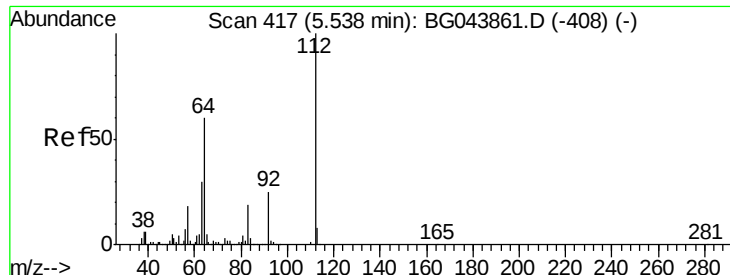
Ion Ratio Lower Upper

42 100

74 0.0 108.6 162.8#

44 139.6 5.0 7.6#





#5

2-Fluorophenol

Concen: 108.644 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.02 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

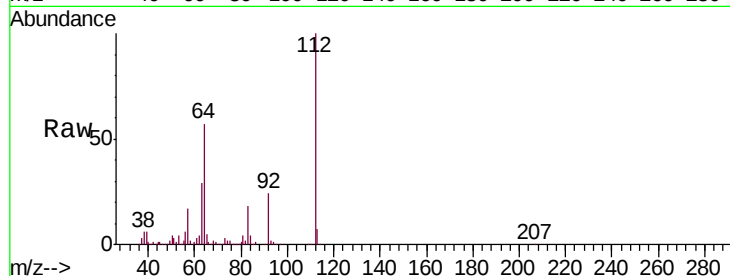
Tgt Ion: 112 Resp: 442712

Ion Ratio Lower Upper

112 100

64 57.4 47.8 71.6

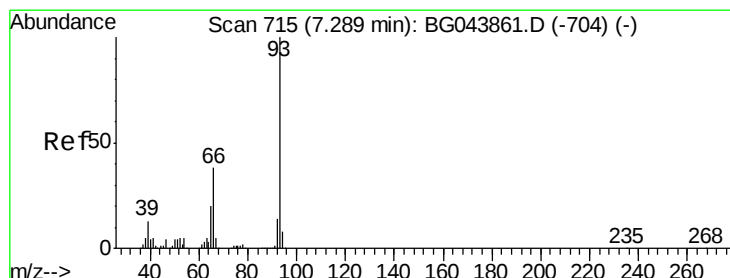
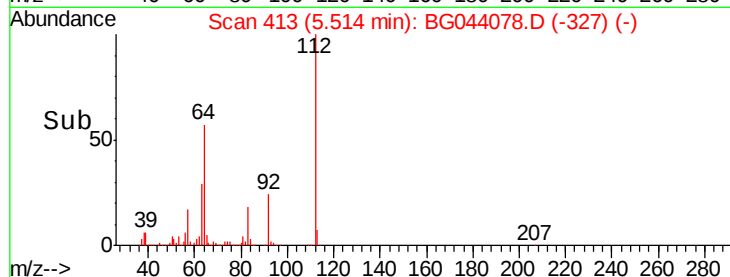
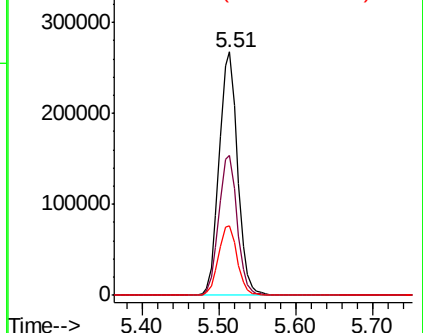
63 28.6 24.3 36.5



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



#6

Aniline

Concen: 0.009 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.08 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

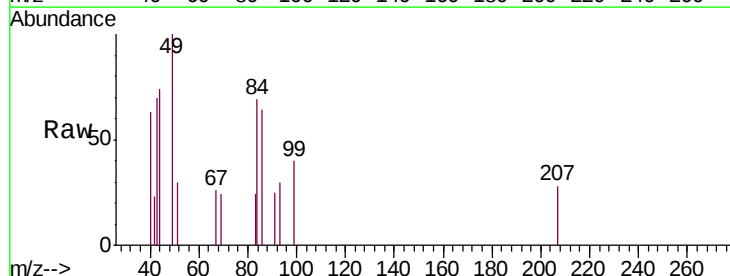
Tgt Ion: 93 Resp: 68

Ion Ratio Lower Upper

93 100

66 0.0 30.8 46.2#

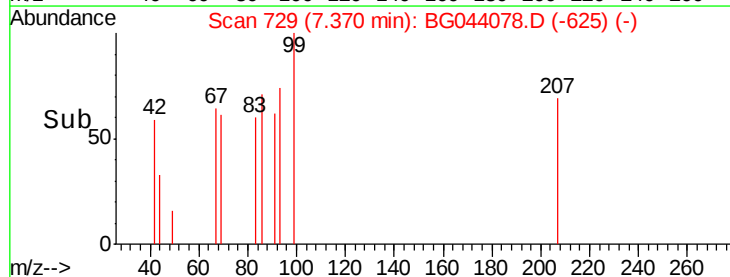
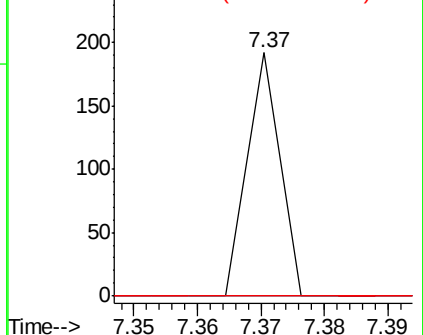
65 0.0 16.0 24.0#

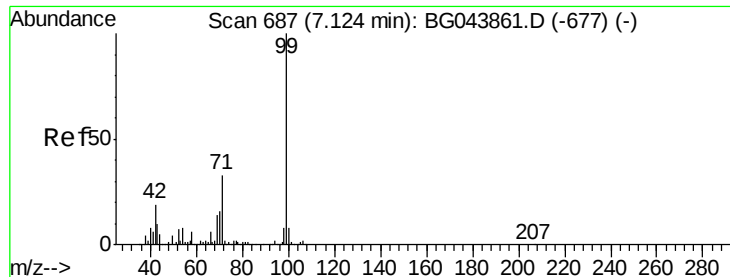


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 72.542 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

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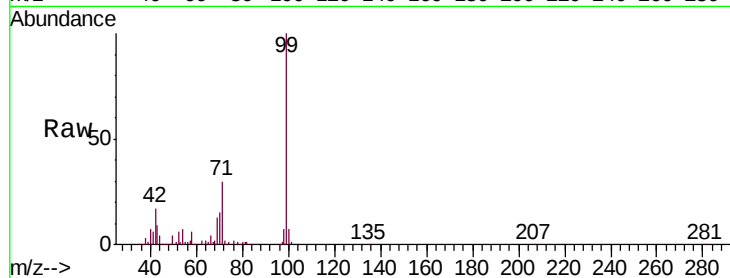
Tgt Ion: 99 Resp: 413198

Ion Ratio Lower Upper

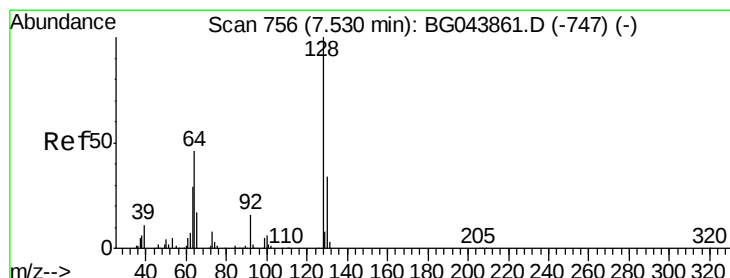
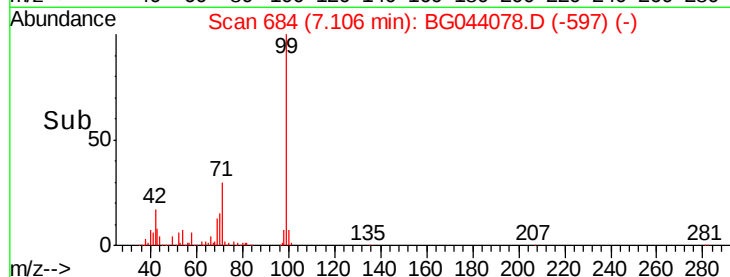
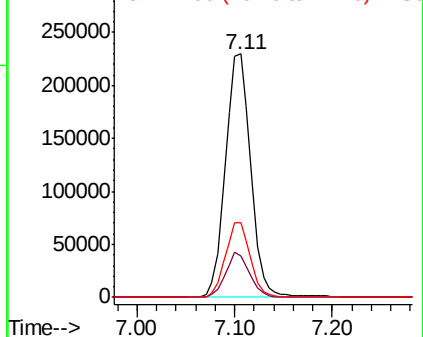
99 100

42 16.8 14.9 22.3

71 30.5 26.4 39.6



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



#8

2-Chlorophenol

Concen: 0.014 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.04 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

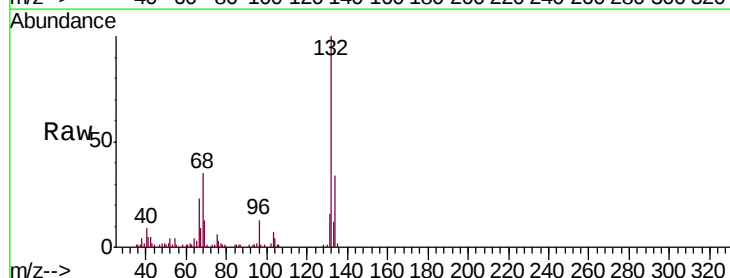
Tgt Ion: 128 Resp: 66

Ion Ratio Lower Upper

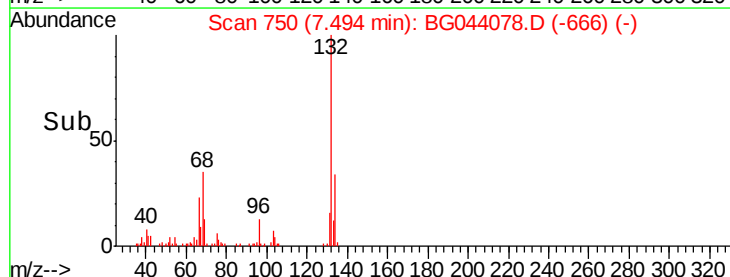
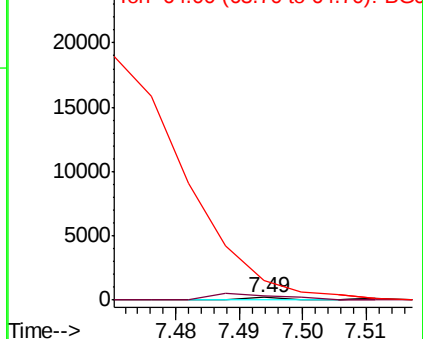
128 100

130 157.2 13.8 53.8#

64 799.5 27.6 67.6#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 0.195 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.03 min

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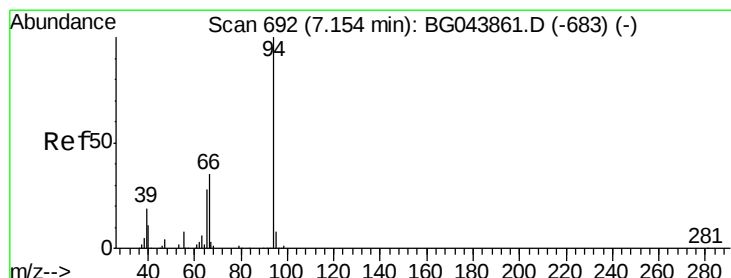
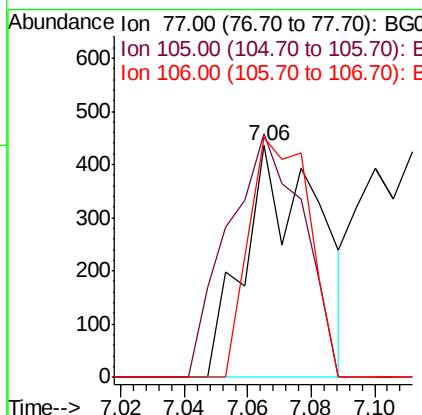
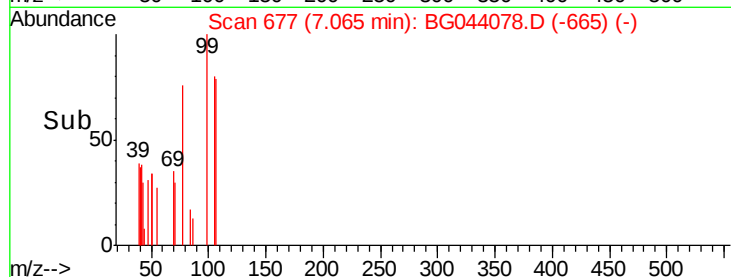
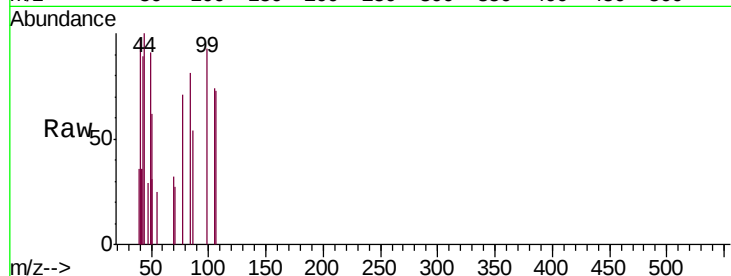
Tgt Ion: 77 Resp: 711

Ion Ratio Lower Upper

77 100

105 105.0 80.2 120.2

106 103.2 77.2 117.2



#10

Phenol

Concen: 0.012 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.03 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

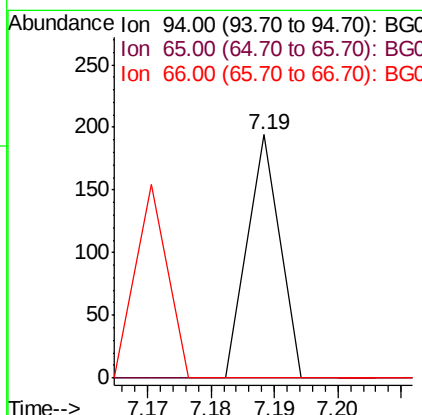
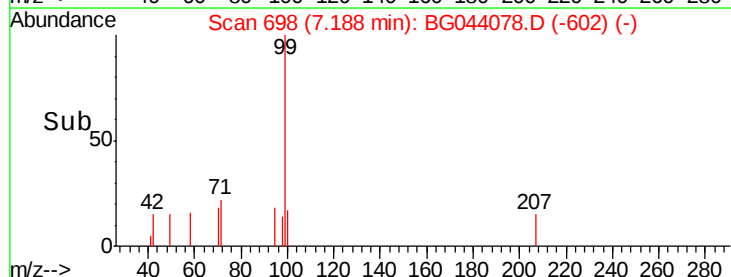
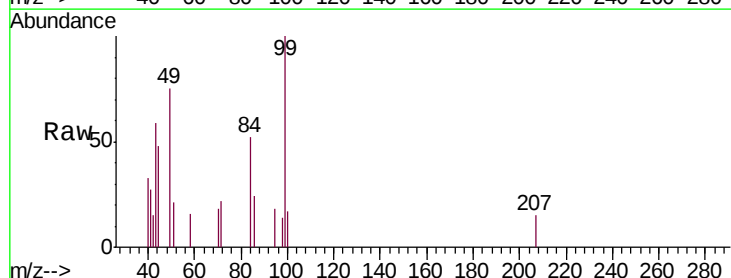
Tgt Ion: 94 Resp: 68

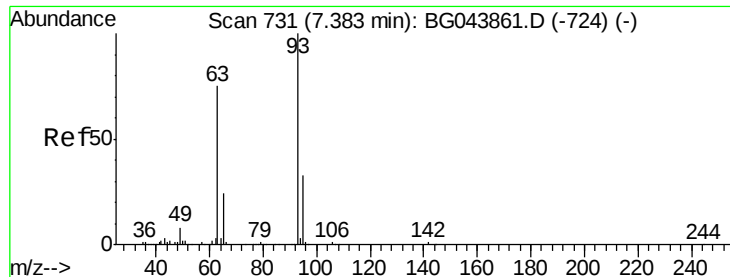
Ion Ratio Lower Upper

94 100

65 0.0 8.1 48.1#

66 0.0 15.6 55.6#

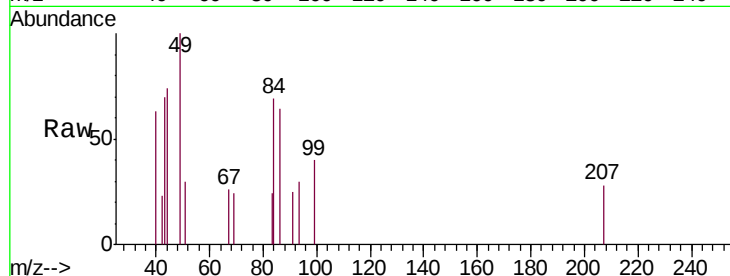




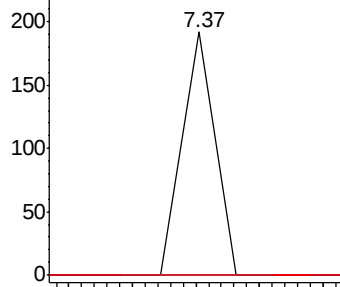
#11
bis(2-Chloroethyl)ether
Concen: 0.013 ng
RT: 7.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126138BL

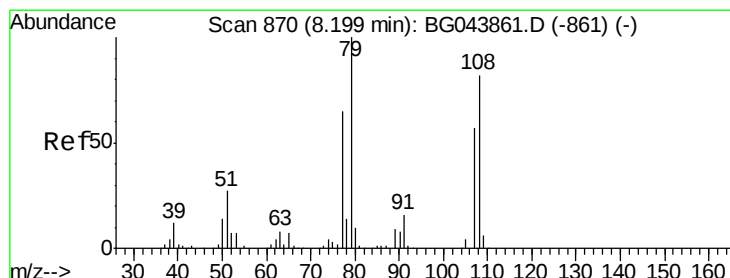
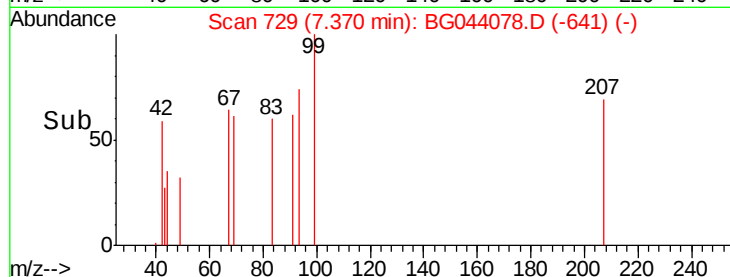
Tgt Ion: 93 Resp: 68
Ion Ratio Lower Upper
93 100
63 0.0 55.0 95.0#
95 0.0 13.3 53.3#



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

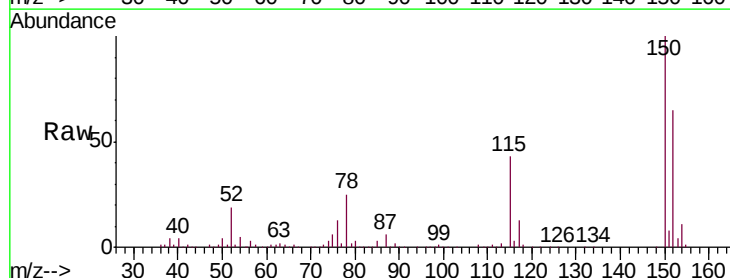


Time-->

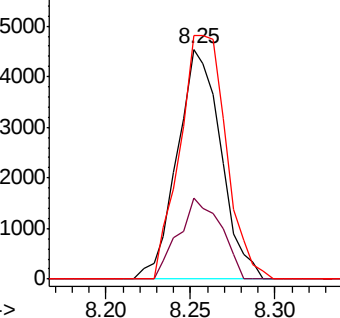


#15
Benzyl Alcohol
Concen: 1.813 ng
RT: 8.25 min Scan# 879
Delta R.T. 0.05 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

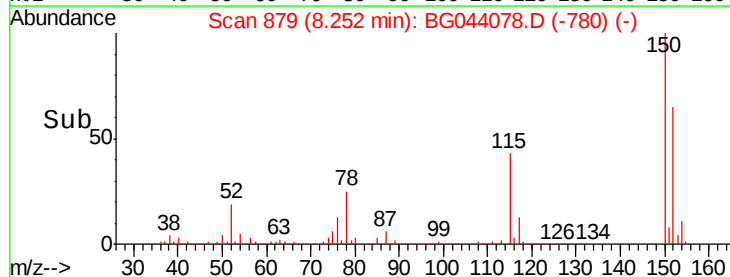
Tgt Ion: 79 Resp: 8148
Ion Ratio Lower Upper
79 100
108 35.4 65.6 98.4#
77 105.8 52.0 78.0#

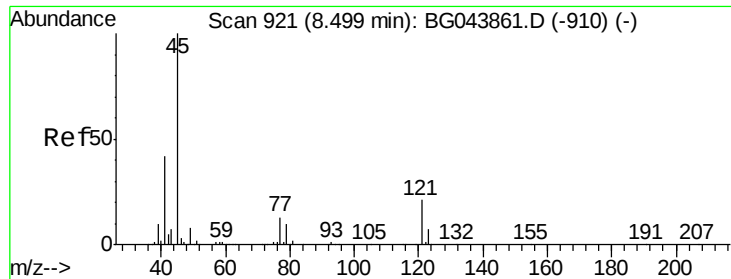


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



Time-->

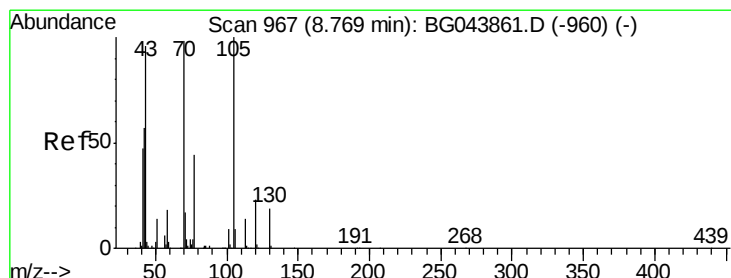
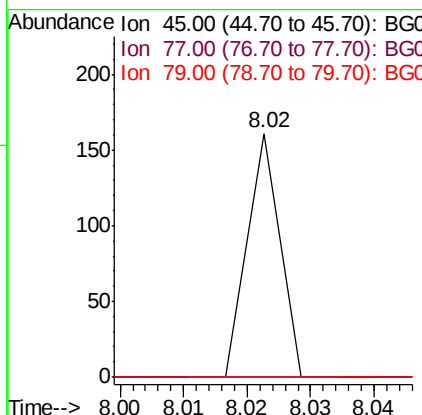
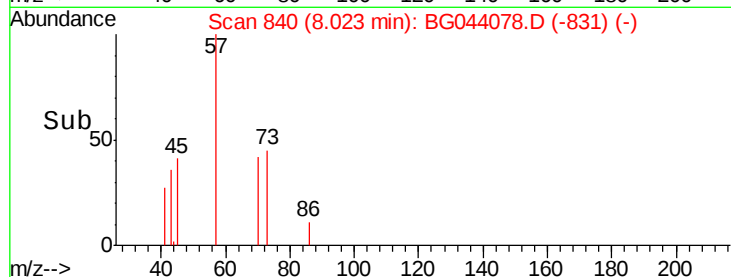
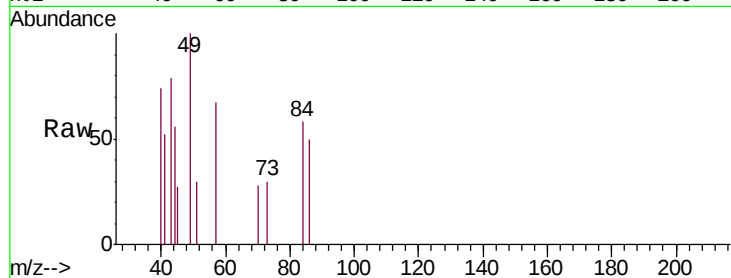




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 0.007 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.48 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

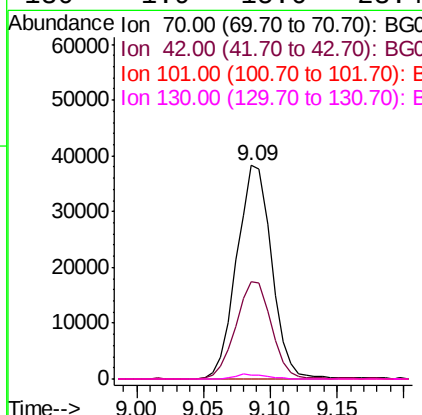
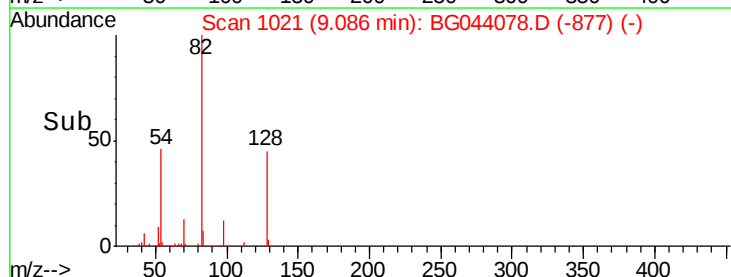
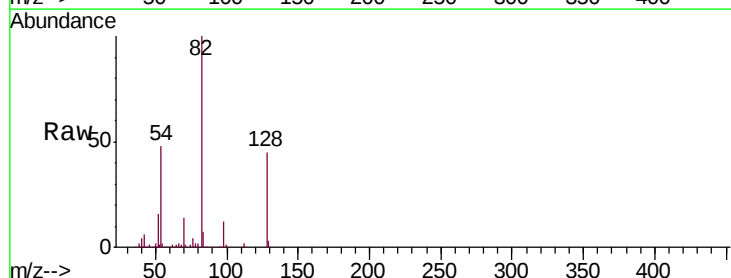
Instrument :
 BNA_G
 ClientSampleId :
 PB126138BL

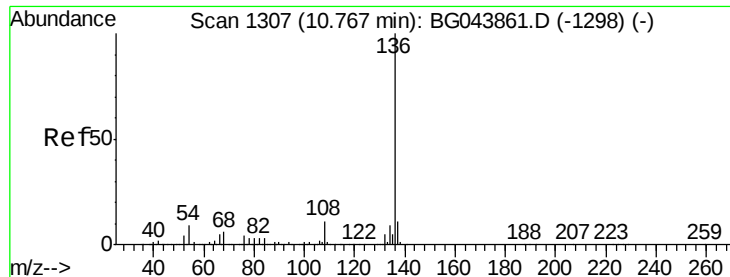
Tgt Ion:	45	Resp:	57
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.8
79	0.0	0.0	31.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.398 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. 0.32 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

Tgt Ion:	70	Resp:	69556
Ion	Ratio	Lower	Upper
70	100		
42	45.6	47.0	70.4#
101	0.0	7.2	10.8#
130	1.9	15.6	23.4#

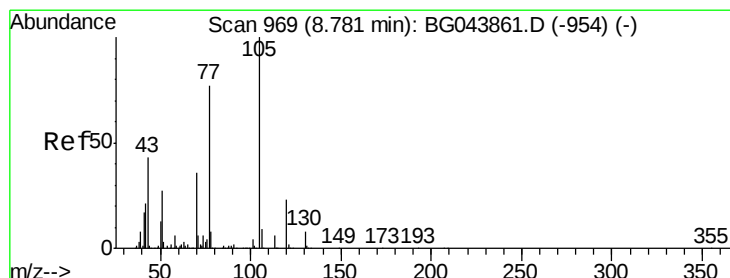
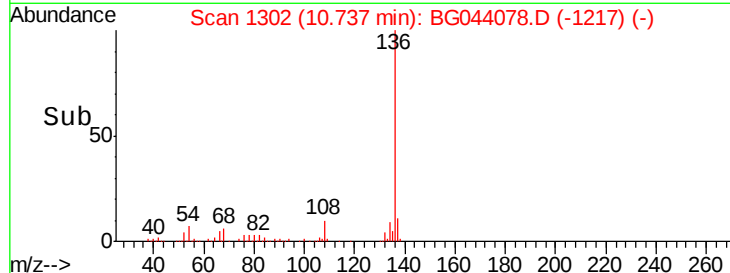
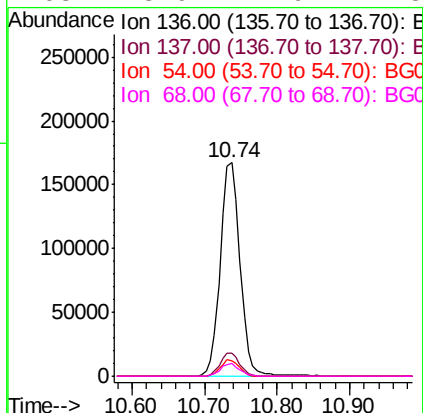
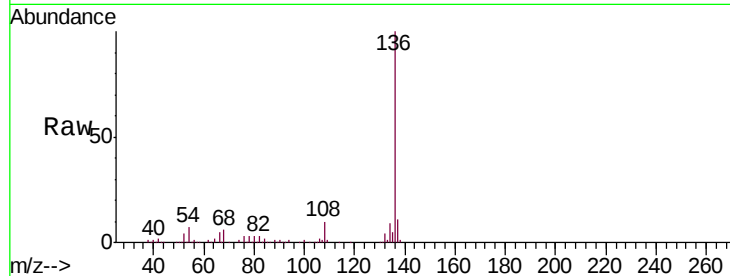




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1302
Delta R.T. -0.03 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

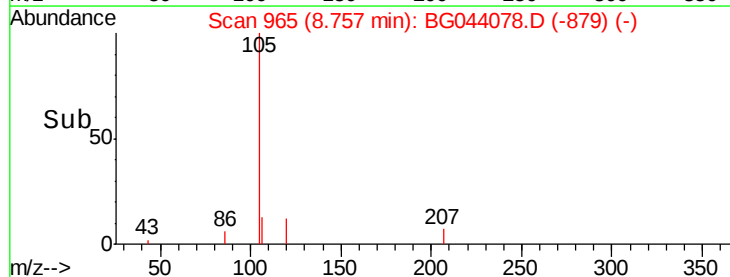
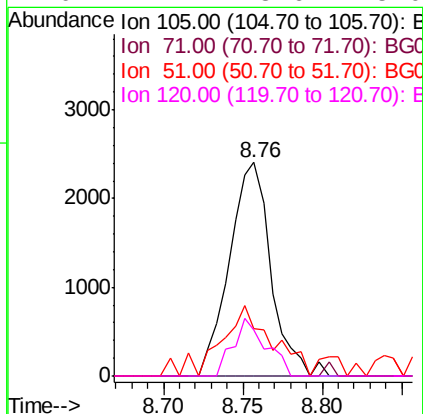
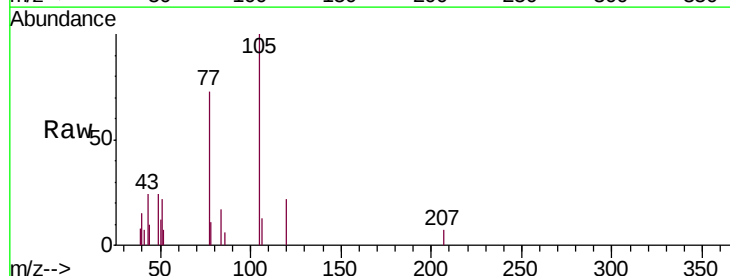
Instrument :
BNA_G
ClientSampleId :
PB126138BL

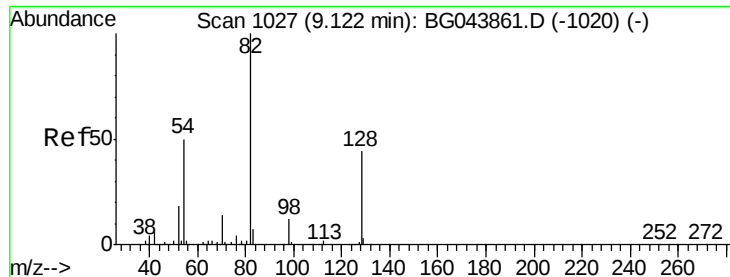
Tgt Ion:	136	Resp:	318769
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.2	7.0	10.4
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 0.550 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Tgt Ion:	105	Resp:	4362
Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.8	7.2#
51	22.4	21.4	32.0
120	21.7	18.6	28.0

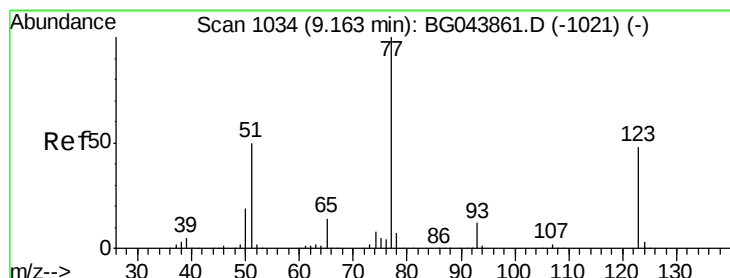
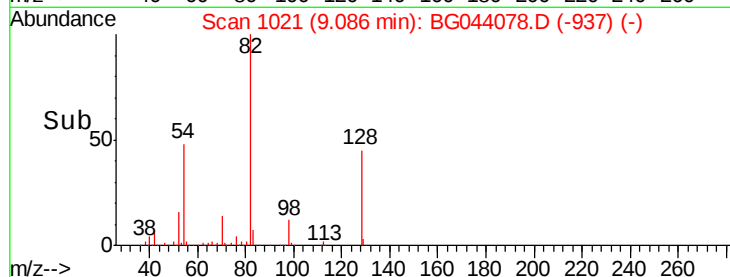
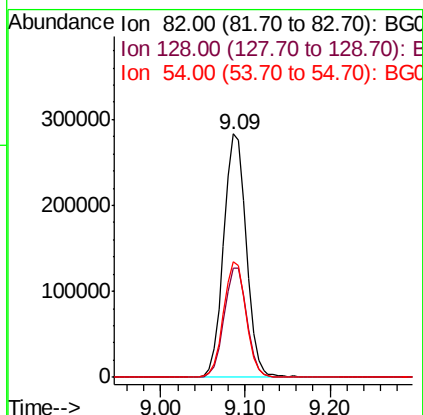
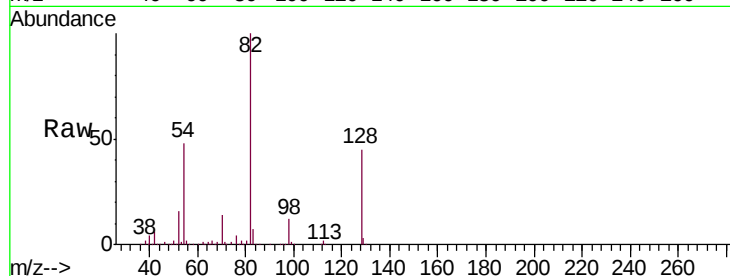




#23
 Nitrobenzene-d5
 Concen: 88.168 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

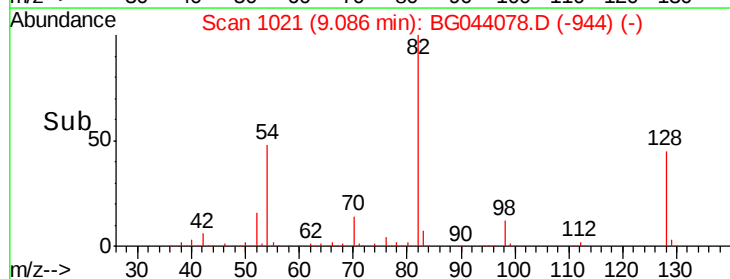
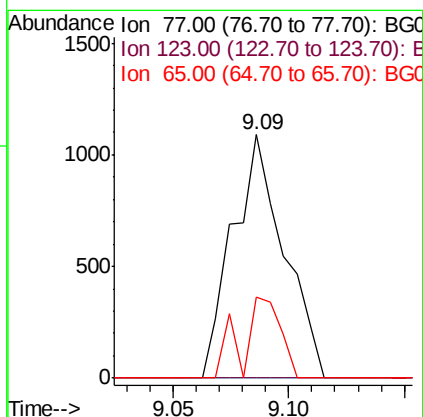
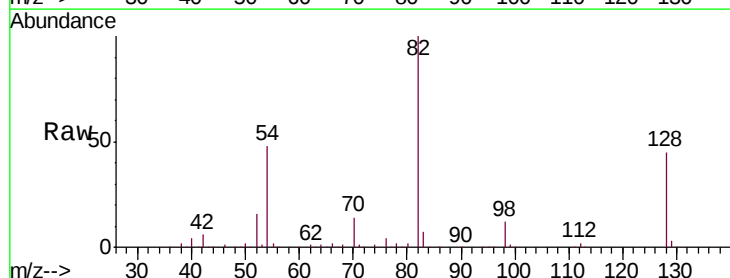
Instrument :
 BNA_G
 ClientSampleId :
 PB126138BL

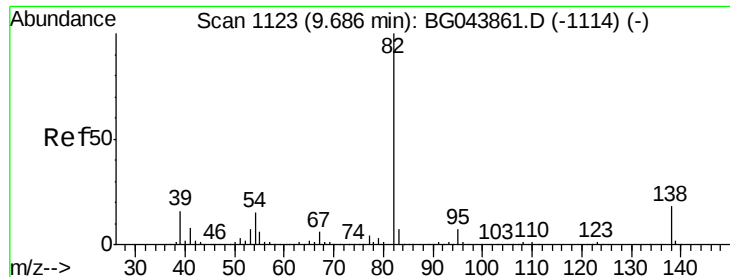
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.1	52.7
54	47.7	40.1	60.1



#24
 Nitrobenzene
 Concen: 0.284 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.08 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.7	58.1#
65	33.4	11.1	16.7#





#25

Isophorone

Concen: 0.008 ng

RT: 9.71 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

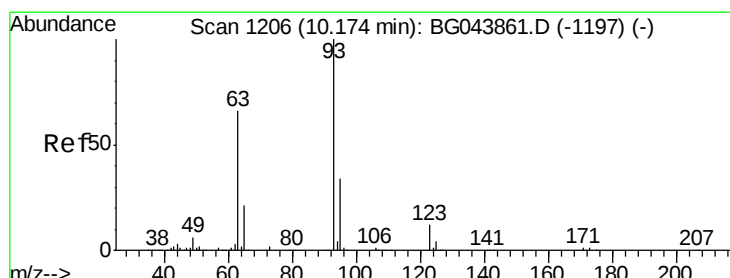
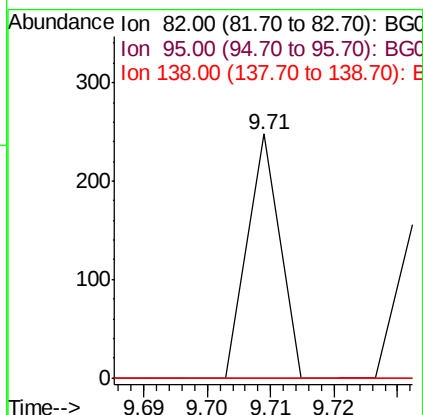
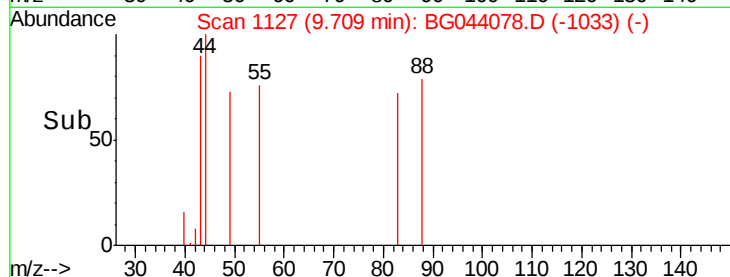
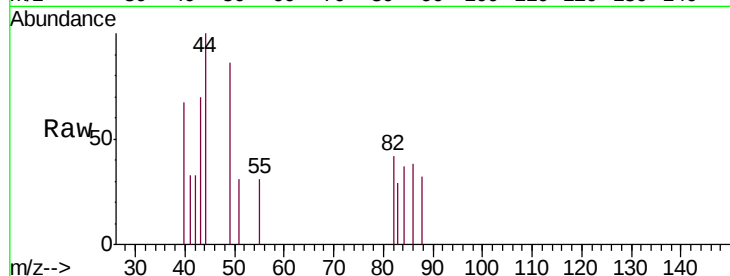
Tgt Ion: 82 Resp: 87

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 22.0#



#28

bis(2-Chloroethoxy)methane

Concen: 0.007 ng

RT: 10.43 min Scan# 1249

Delta R.T. 0.25 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

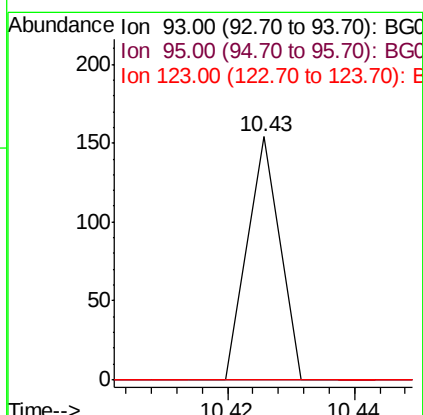
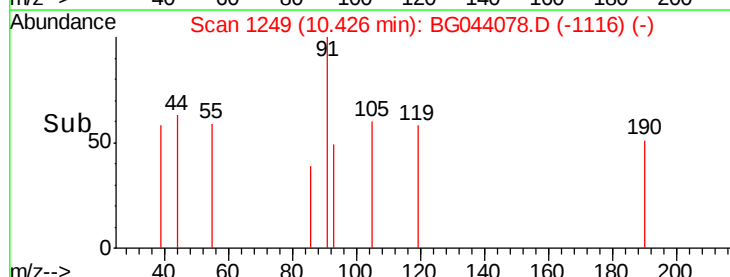
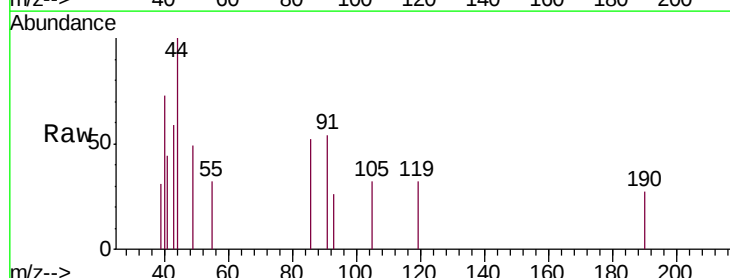
Tgt Ion: 93 Resp: 54

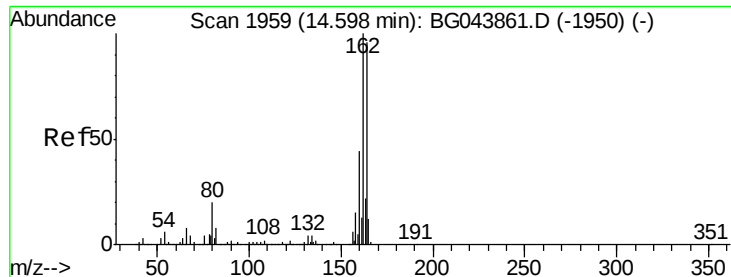
Ion Ratio Lower Upper

93 100

95 0.0 27.2 40.8#

123 0.0 9.7 14.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

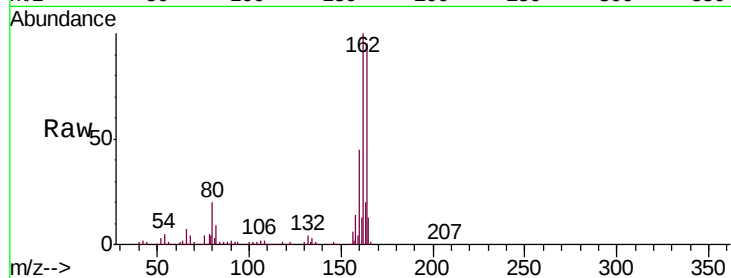
Tgt Ion:164 Resp: 228249

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.4

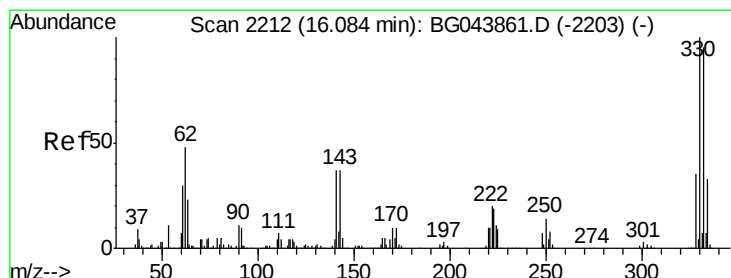
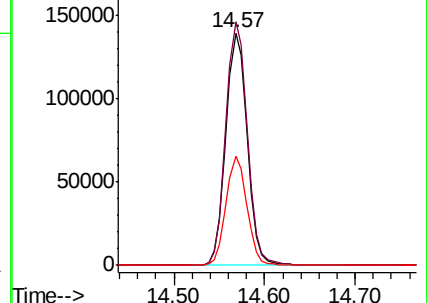
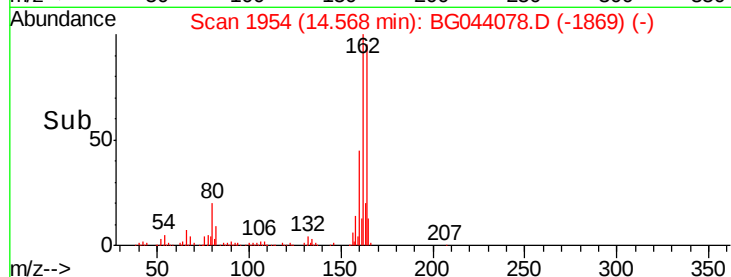
160 47.0 36.1 54.1



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: 167.660 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.02 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

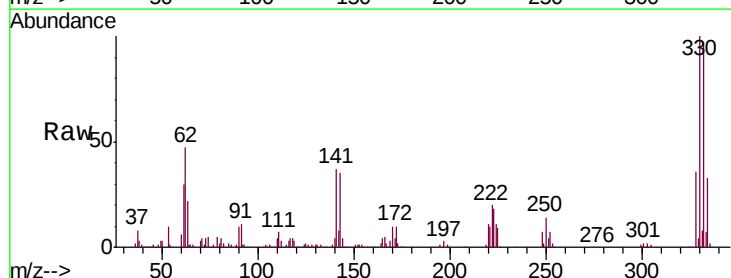
Tgt Ion:330 Resp: 400470

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

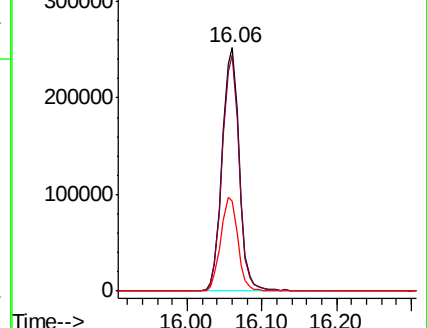
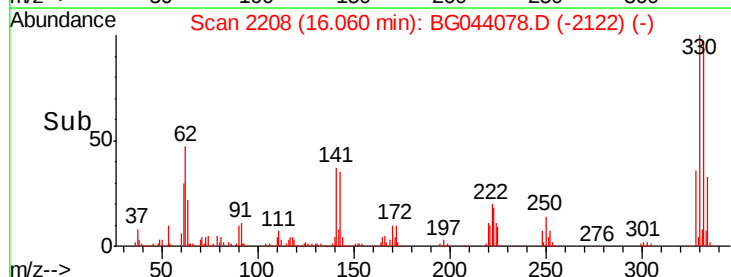
141 38.8 33.1 49.7

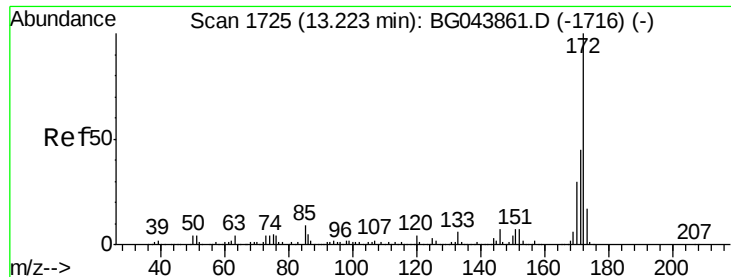


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

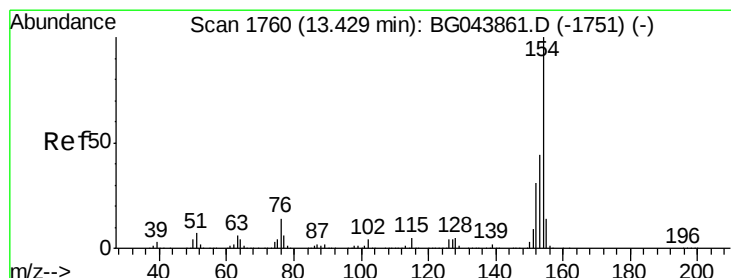
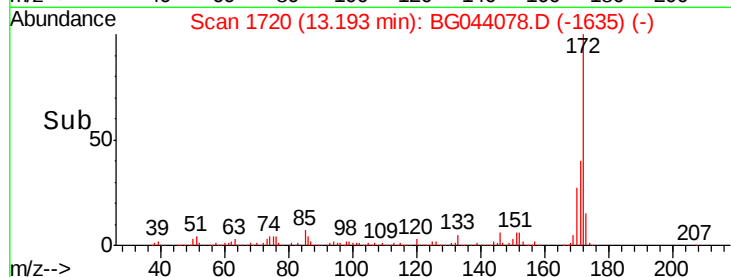
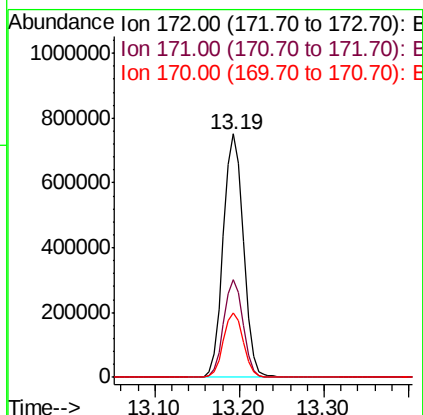
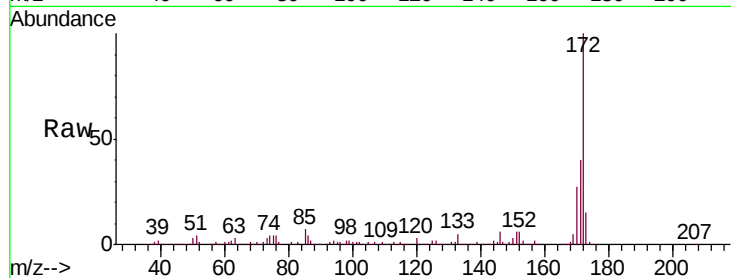




#45
 2-Fluorobiphenyl
 Concen: 98.718 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.03 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

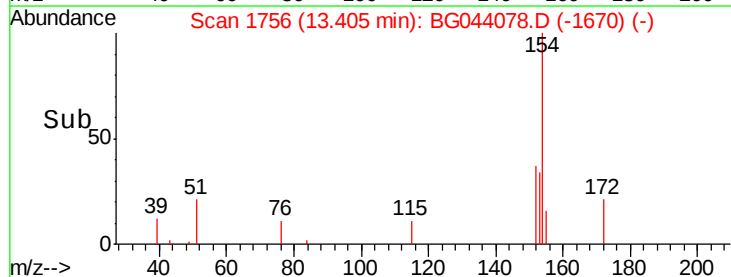
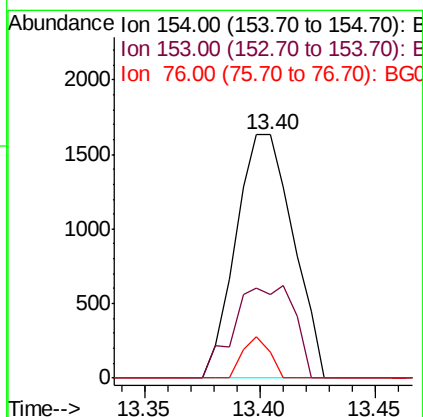
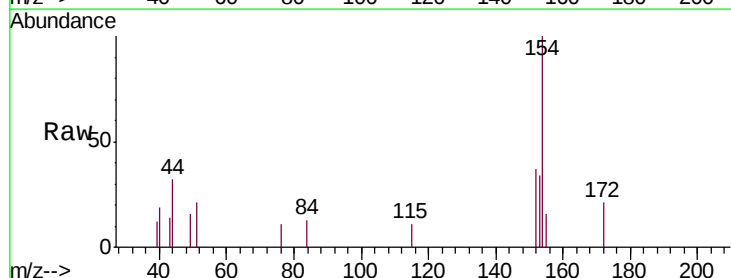
Instrument :
 BNA_G
 ClientSampleId :
 PB126138BL

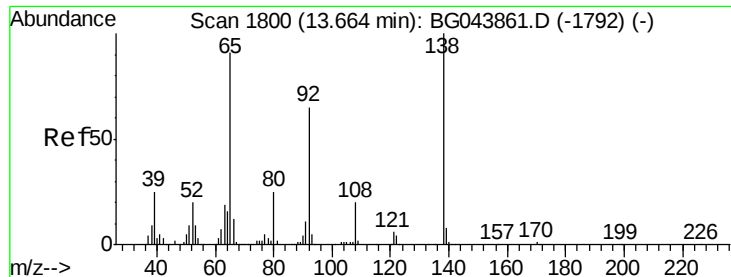
Tgt Ion:172 Resp: 1243668
 Ion Ratio Lower Upper
 172 100
 171 40.2 35.8 53.8
 170 26.7 24.2 36.4



#46
 1,1'-Biphenyl
 Concen: 0.172 ng
 RT: 13.40 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

Tgt Ion:154 Resp: 2814
 Ion Ratio Lower Upper
 154 100
 153 34.2 23.6 63.6
 76 10.6 0.0 34.4

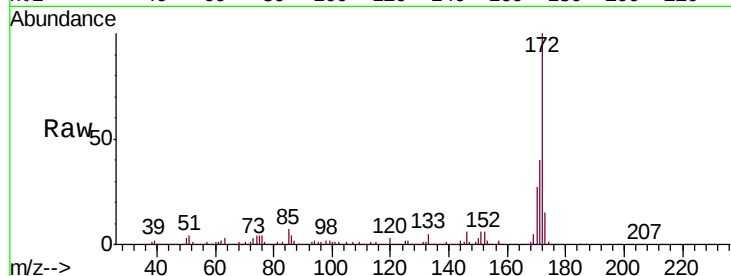




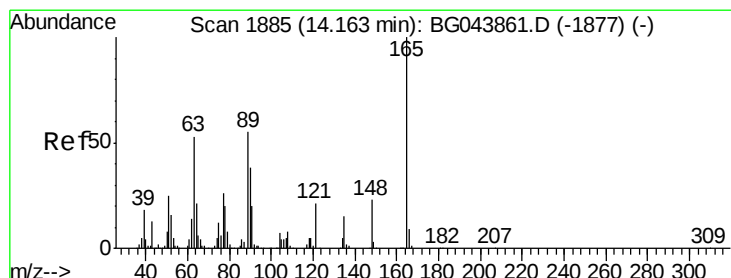
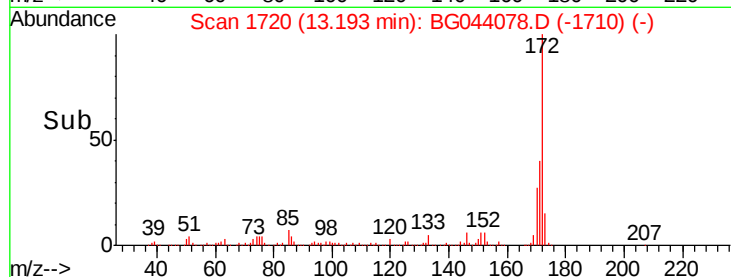
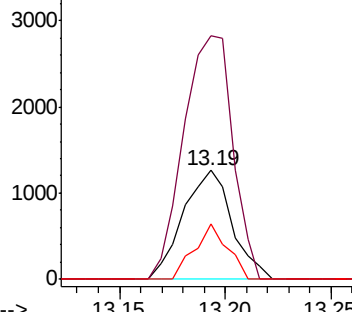
#48
2-Nitroaniline
Concen: 0.478 ng
RT: 13.19 min Scan# 1720
Delta R.T. -0.47 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126138BL

Tgt Ion: 65 Resp: 2035
Ion Ratio Lower Upper
65 100
92 224.0 57.4 86.2#
138 50.5 88.2 132.4#

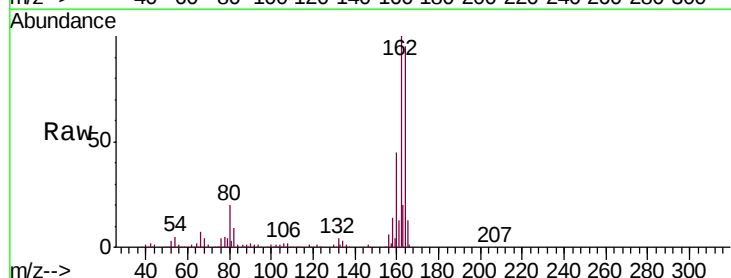


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

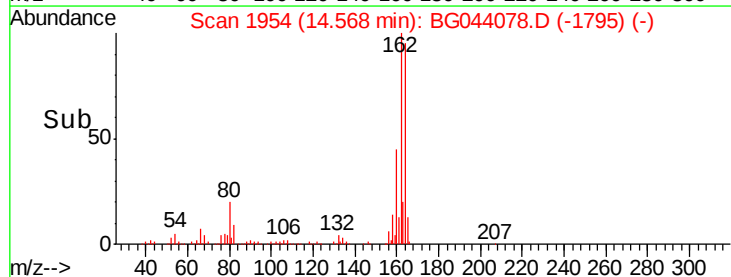
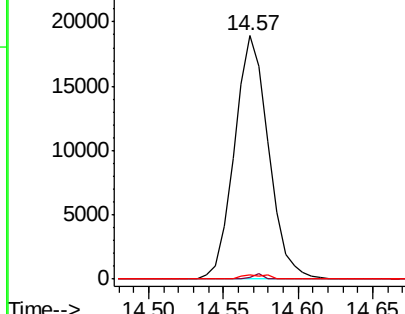


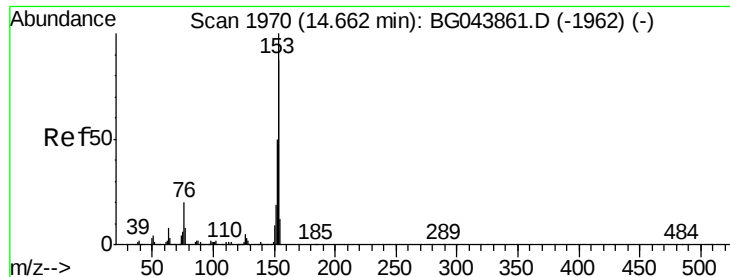
#51
2,6-Dinitrotoluene
Concen: 8.222 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.40 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Tgt Ion: 165 Resp: 30118
Ion Ratio Lower Upper
165 100
63 0.9 43.1 64.7#
89 1.8 43.8 65.6#



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





#52

Acenaphthene

Concen: 0.065 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.09 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

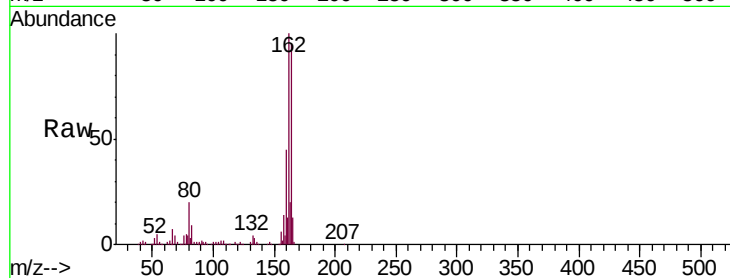
Tgt Ion:154 Resp: 862

Ion Ratio Lower Upper

154 100

153 0.0 91.6 137.4#

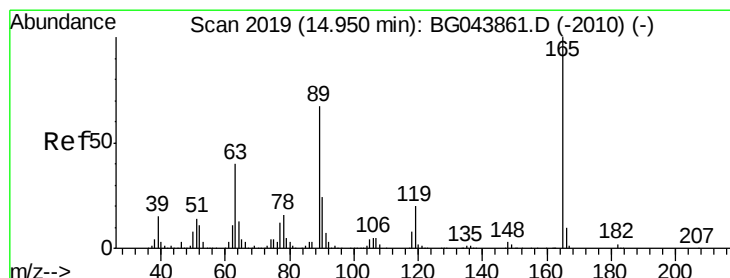
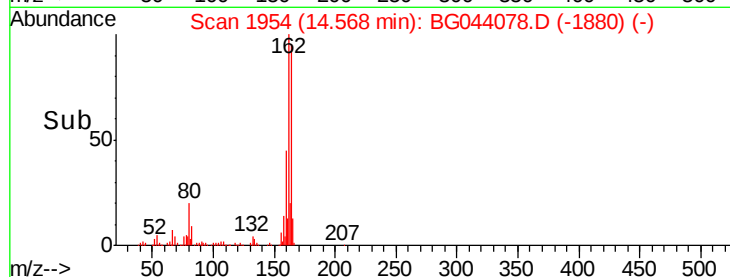
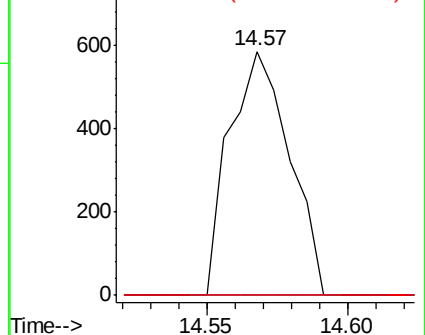
152 0.0 45.4 68.0#



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: 6.043 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.38 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Tgt Ion:165 Resp: 30118

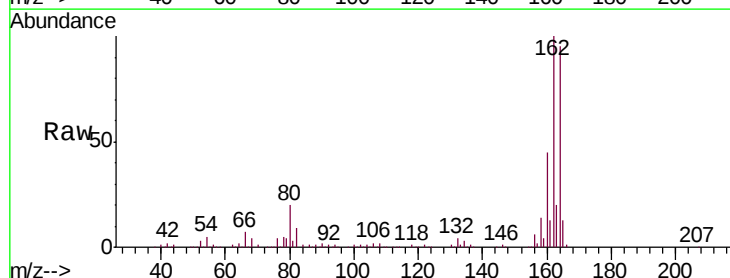
Ion Ratio Lower Upper

165 100

63 0.9 31.9 47.9#

89 1.8 53.8 80.6#

182 0.0 2.0 3.0#

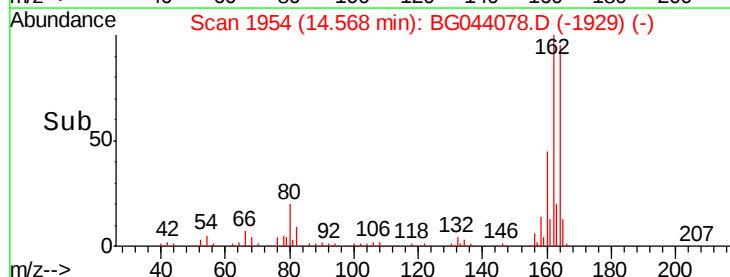
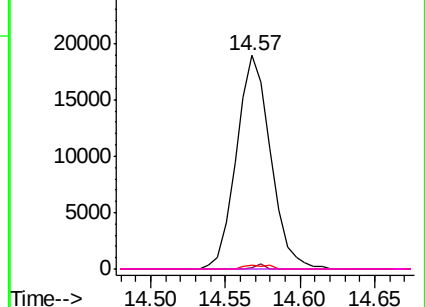


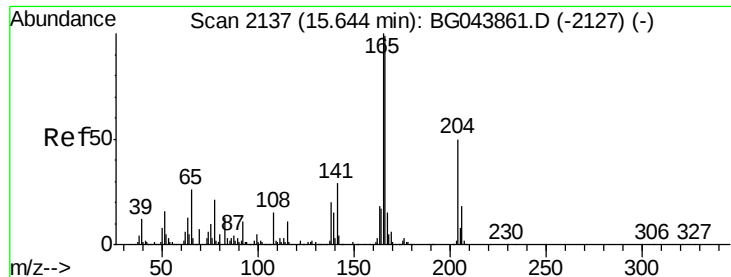
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 1.308 ng

RT: 16.05 min Scan# 2207

Delta R.T. 0.41 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

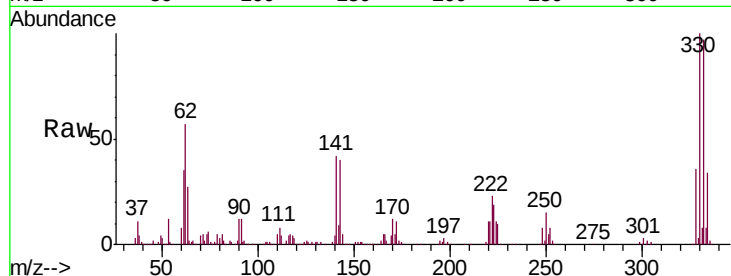
Tgt Ion:166 Resp: 19024

Ion Ratio Lower Upper

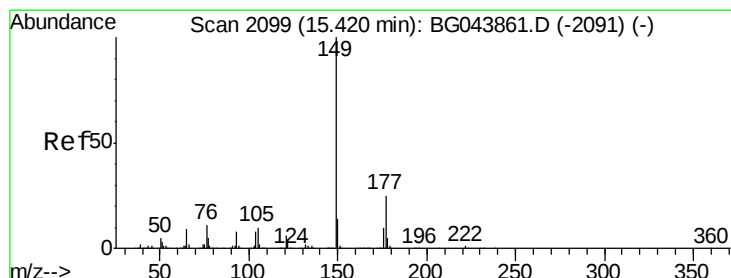
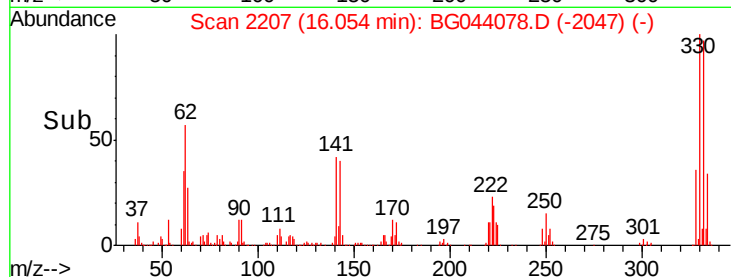
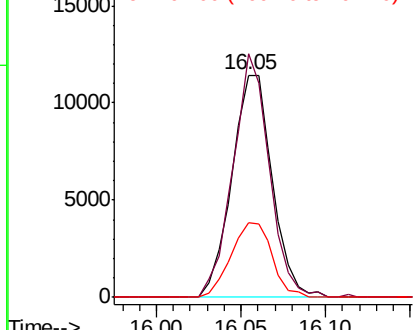
166 100

165 109.5 80.8 121.2

167 33.5 12.1 18.1#



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: 0.019 ng

RT: 15.38 min Scan# 2093

Delta R.T. -0.04 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

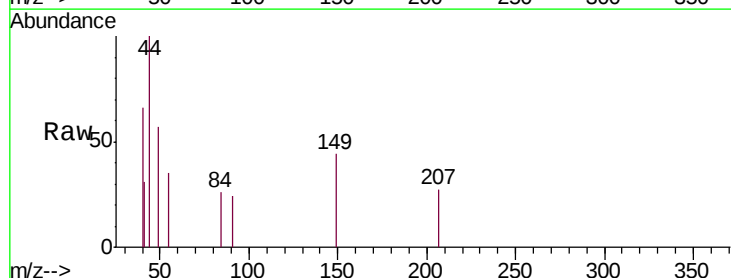
Tgt Ion:149 Resp: 316

Ion Ratio Lower Upper

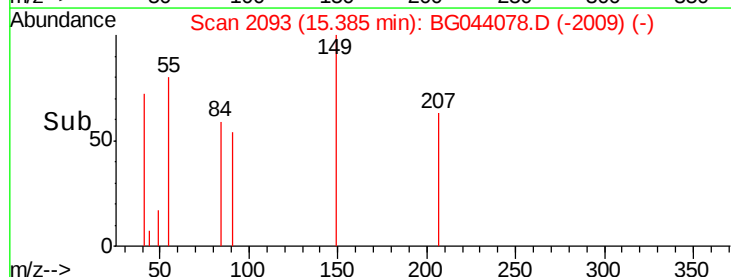
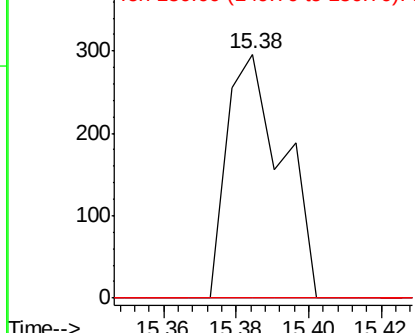
149 100

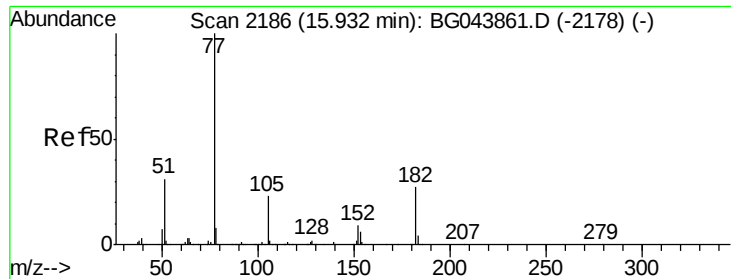
177 0.0 20.0 30.0#

150 0.0 11.1 16.7#



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

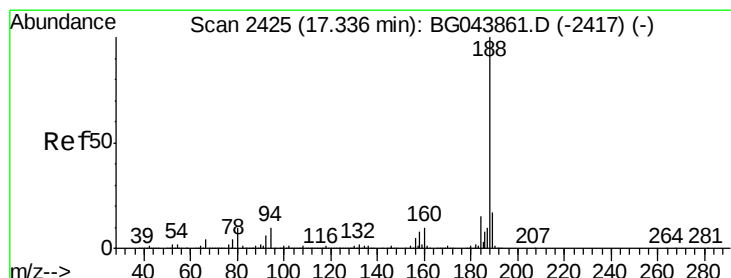
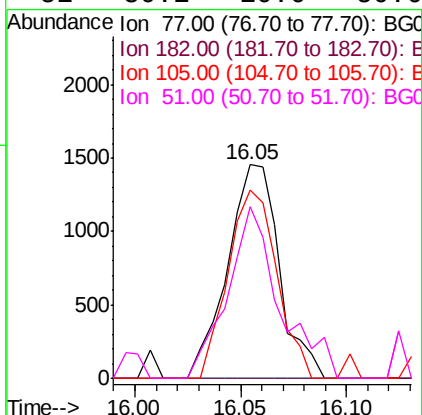
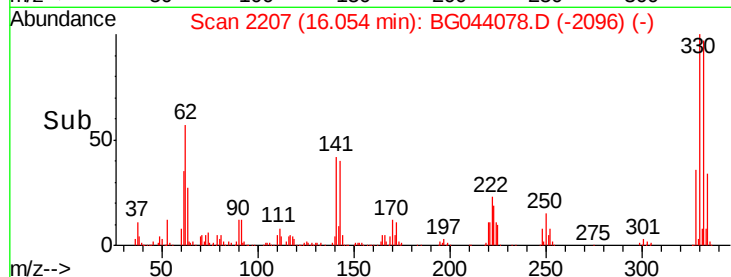
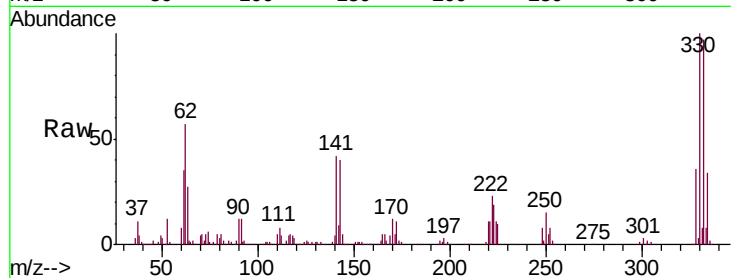




#63
Azobenzene
Concen: 0.165 ng
RT: 16.05 min Scan# 2207
Delta R.T. 0.12 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

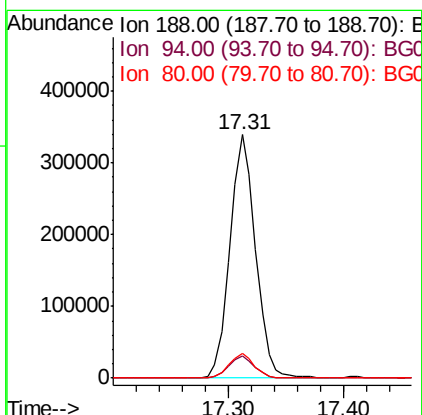
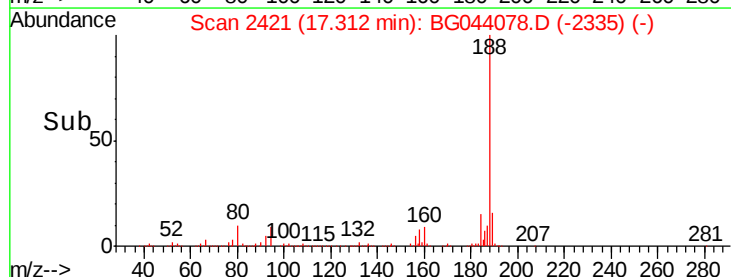
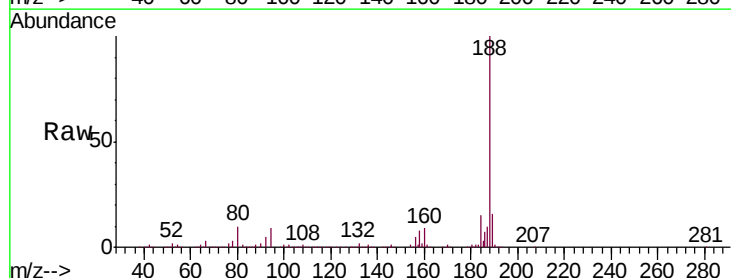
Instrument :
BNA_G
ClientSampleId :
PB126138BL

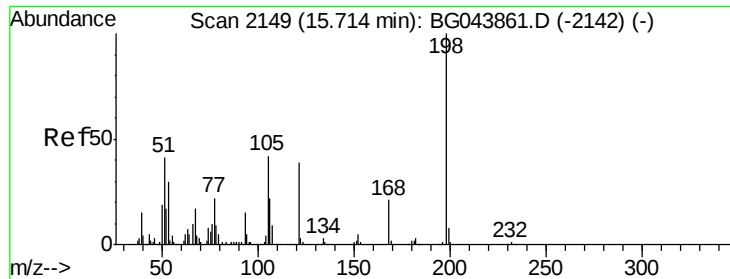
Tgt Ion: 77 Resp: 2473
Ion Ratio Lower Upper
77 100
182 10.5 7.3 47.3
105 88.1 3.2 43.2#
51 80.1 10.6 50.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Tgt Ion: 188 Resp: 519143
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.2 8.2 12.4

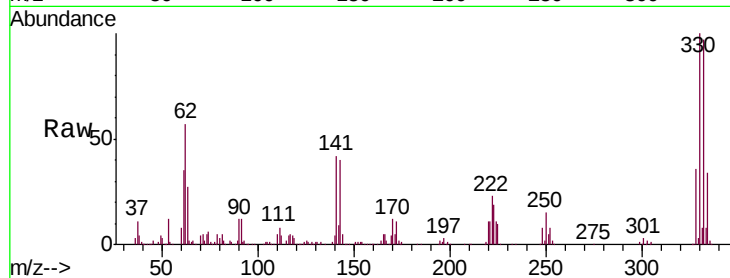




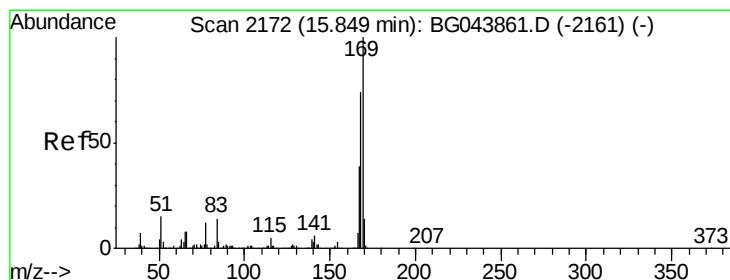
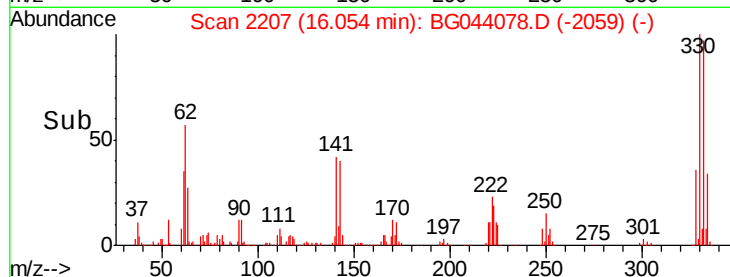
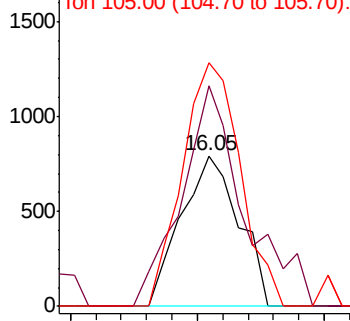
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.818 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. 0.34 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BL

Tgt Ion:198 Resp: 1262
 Ion Ratio Lower Upper
 198 100
 51 147.1 22.5 62.5#
 105 161.9 22.3 62.3#

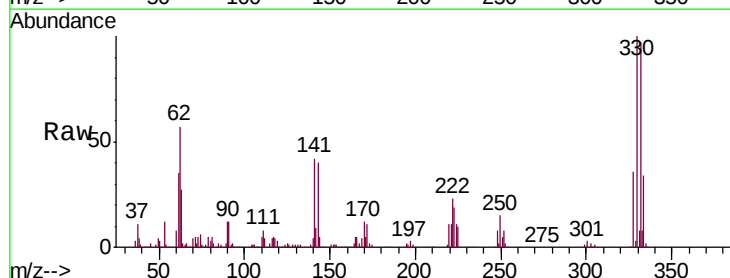


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

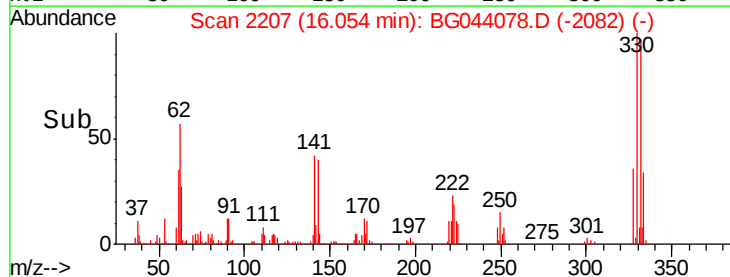
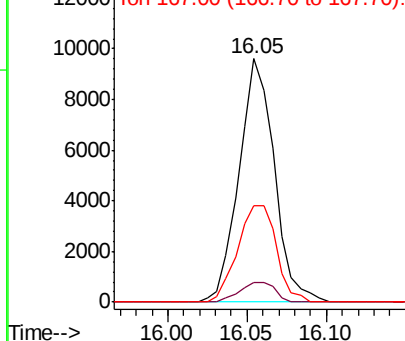


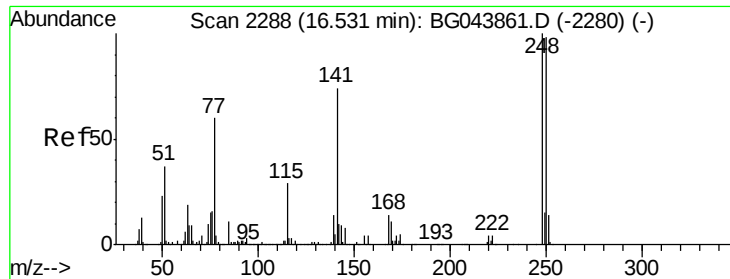
#66
 n-Nitrosodiphenylamine
 Concen: 0.971 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. 0.20 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

Tgt Ion:169 Resp: 14839
 Ion Ratio Lower Upper
 169 100
 168 8.1 59.0 88.6#
 167 39.8 31.4 47.0



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

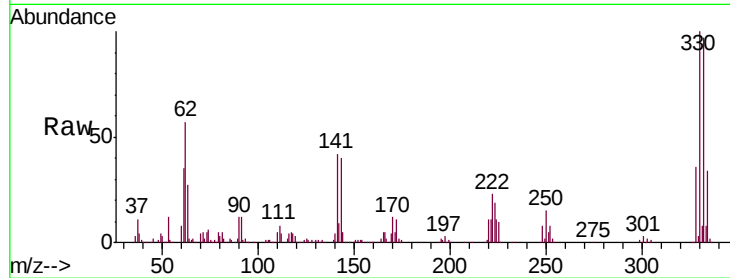




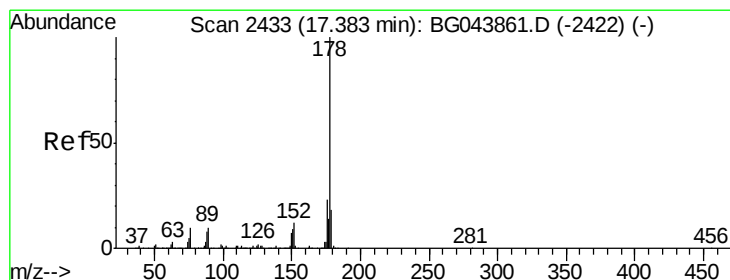
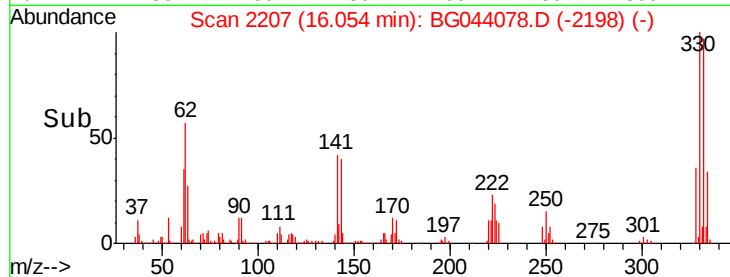
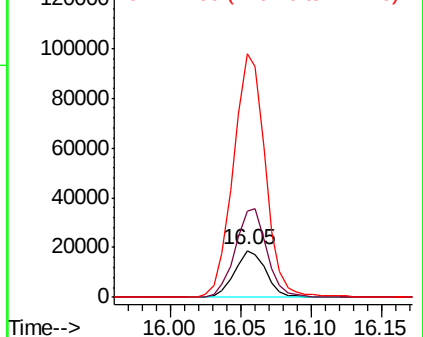
#67
 4-Bromophenyl-phenylether
 Concen: 4.943 ng
 RT: 16.05 min Scan# 2207
 Delta R.T. -0.48 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BL

Tgt Ion:248 Resp: 28861
 Ion Ratio Lower Upper
 248 100
 250 184.8 78.2 117.2#
 141 522.9 59.3 88.9#

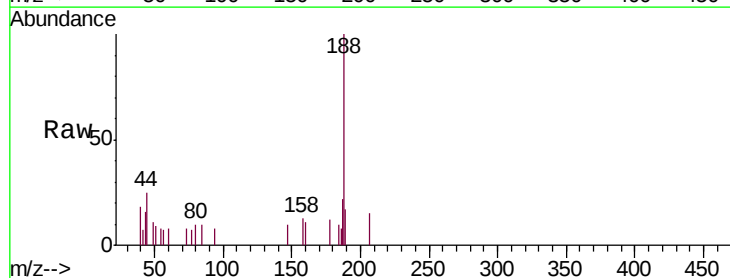


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

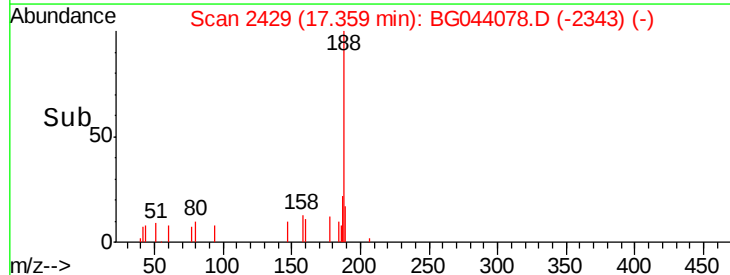
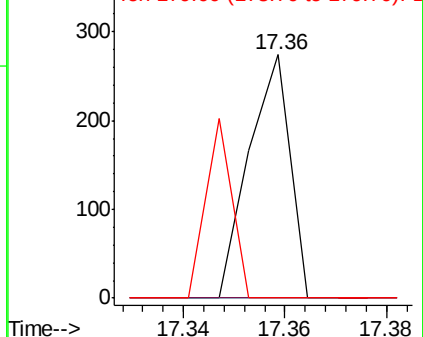


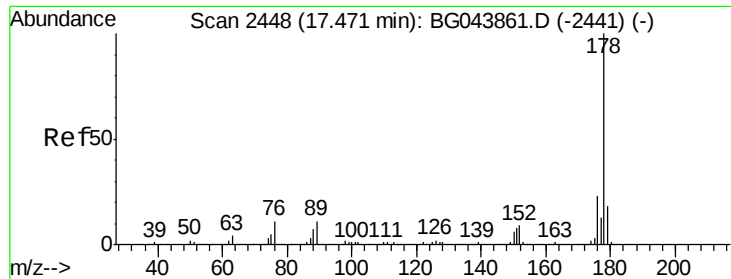
#71
 Phenanthrene
 Concen: 0.006 ng
 RT: 17.36 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

Tgt Ion:178 Resp: 155
 Ion Ratio Lower Upper
 178 100
 176 0.0 18.6 28.0#
 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

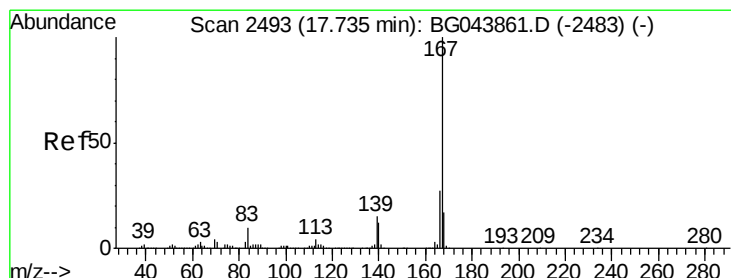
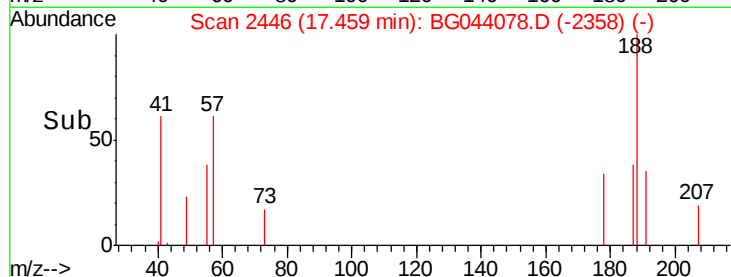
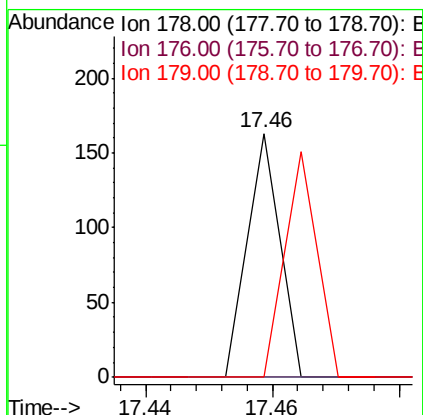
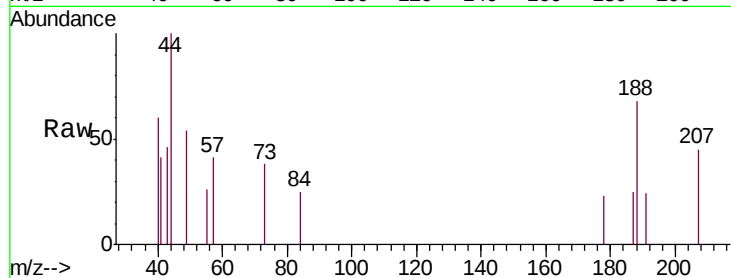




#72
 Anthracene
 Concen: 0.002 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

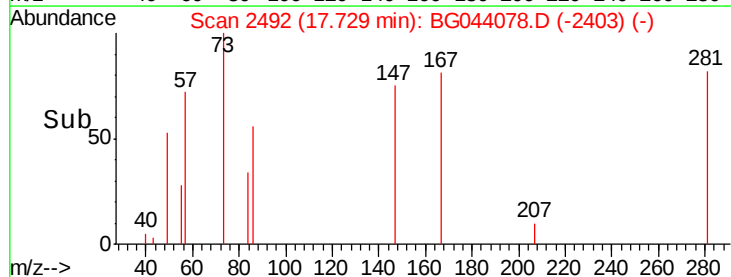
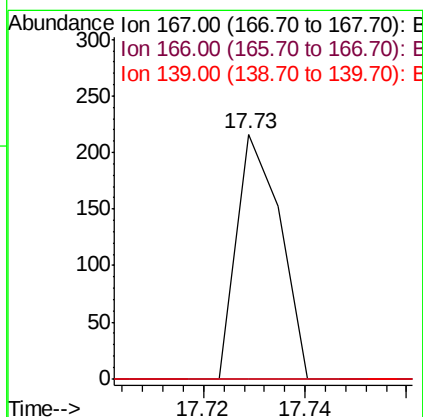
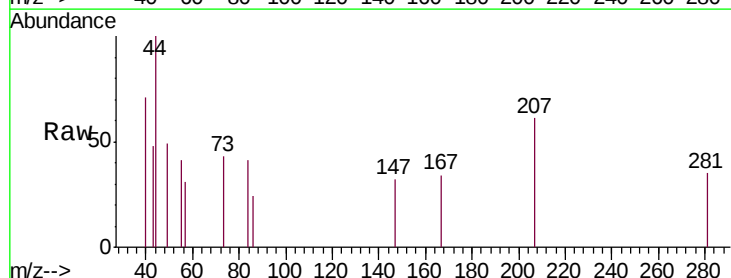
Instrument :
 BNA_G
 ClientSampleId :
 PB126138BL

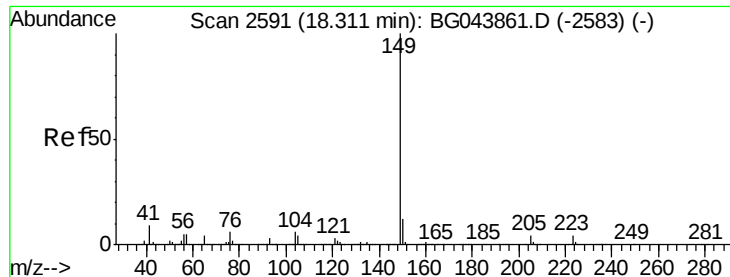
Tgt Ion:178 Resp: 57
 Ion Ratio Lower Upper
 178 100
 176 0.0 18.3 27.5#
 179 0.0 14.6 22.0#



#73
 Carbazole
 Concen: 0.006 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. -0.01 min
 Lab File: BG044078.D
 Acq: 17 Jan 2020 17:21

Tgt Ion:167 Resp: 130
 Ion Ratio Lower Upper
 167 100
 166 0.0 21.6 32.4#
 139 0.0 12.1 18.1#

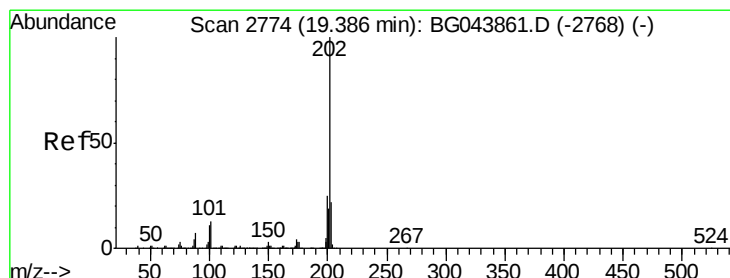
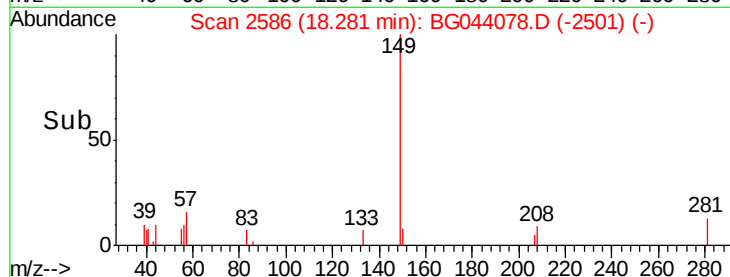
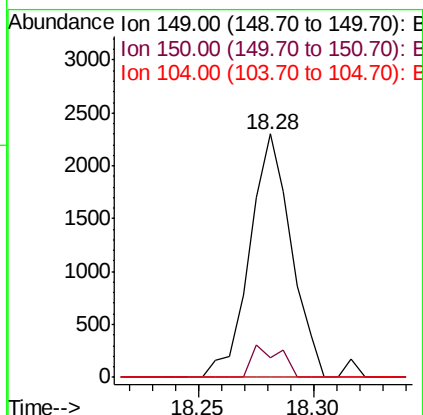
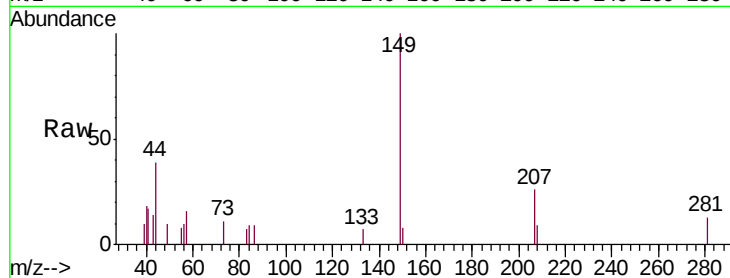




#74
Di-n-butylphthalate
Concen: 0.099 ng
RT: 18.28 min Scan# 2586
Delta R.T. -0.03 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

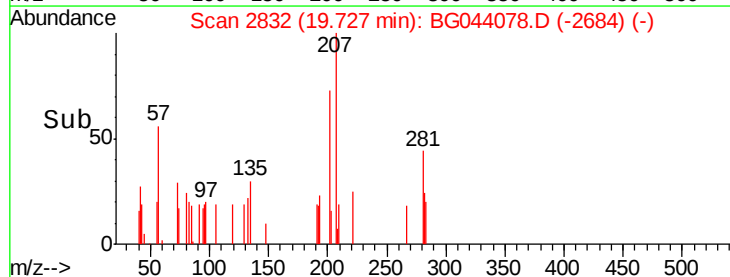
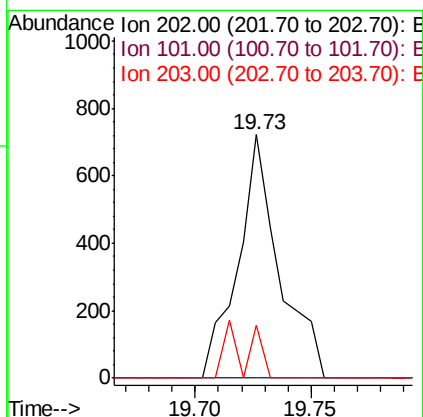
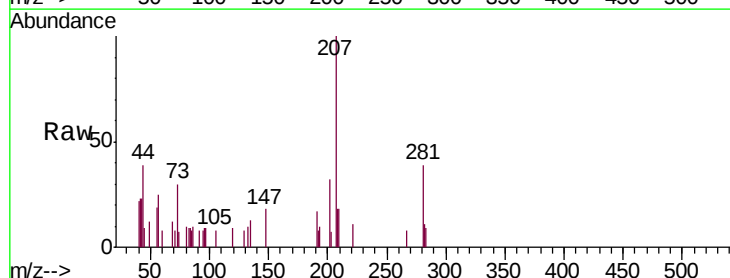
Instrument :
BNA_G
ClientSampleId :
PB126138BL

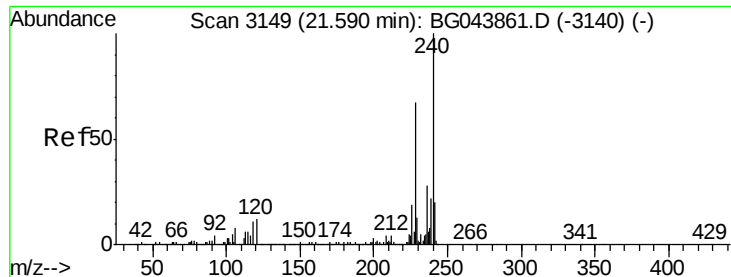
Tgt Ion:149 Resp: 2871
Ion Ratio Lower Upper
149 100
150 7.9 9.7 14.5#
104 0.0 5.0 7.4#



#75
Fluoranthene
Concen: 0.031 ng
RT: 19.73 min Scan# 2832
Delta R.T. 0.34 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Tgt Ion:202 Resp: 896
Ion Ratio Lower Upper
202 100
101 0.0 0.0 33.3
203 21.7 1.6 41.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

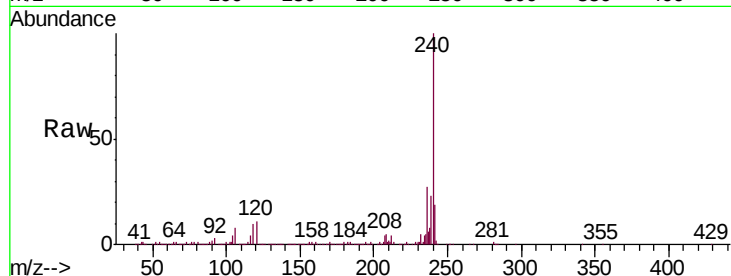
Tgt Ion:240 Resp: 438888

Ion Ratio Lower Upper

240 100

120 10.9 9.6 14.4

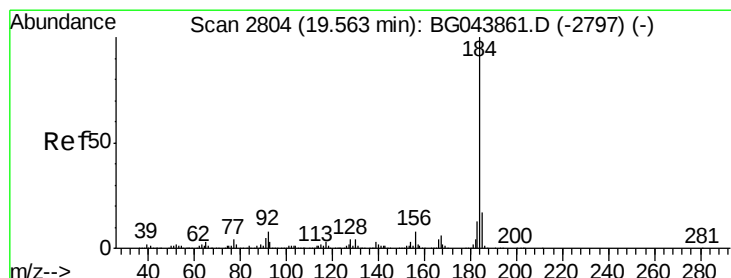
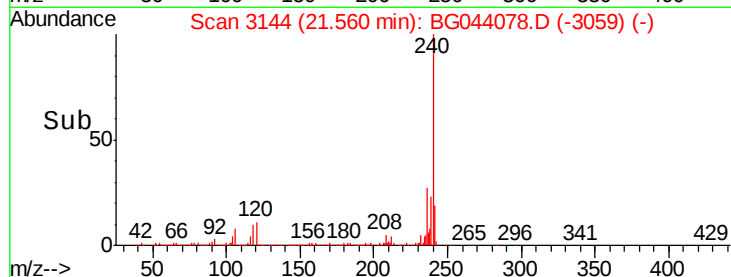
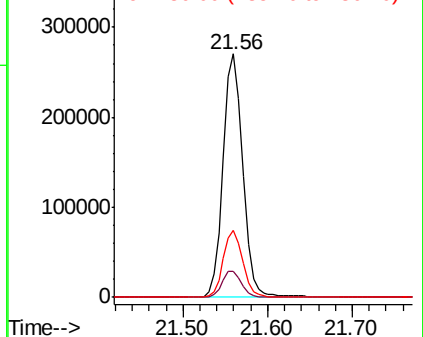
236 27.4 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 3.100 ng

RT: 19.93 min Scan# 2866

Delta R.T. 0.36 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

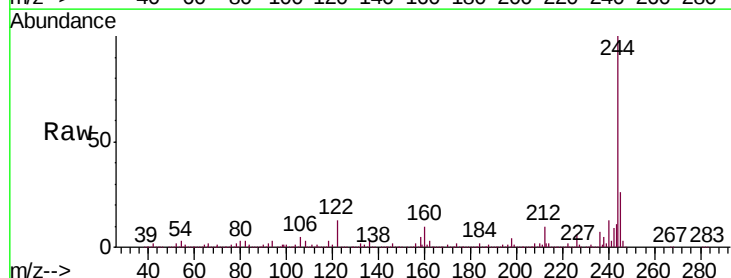
Tgt Ion:184 Resp: 34194

Ion Ratio Lower Upper

184 100

185 17.8 13.4 20.0

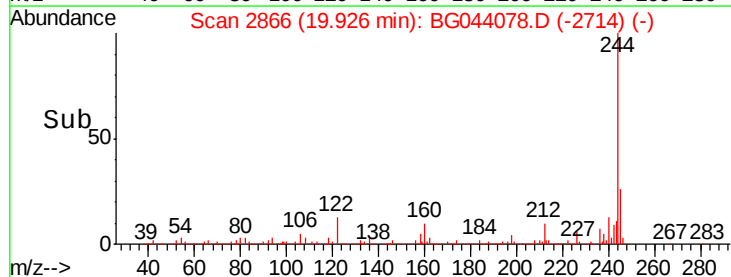
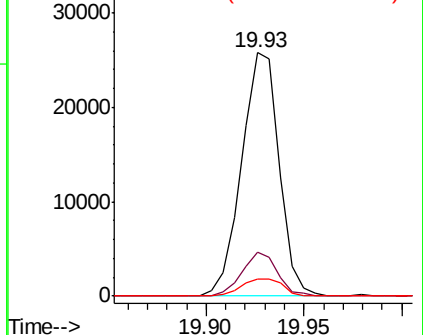
183 7.1 10.6 15.8#

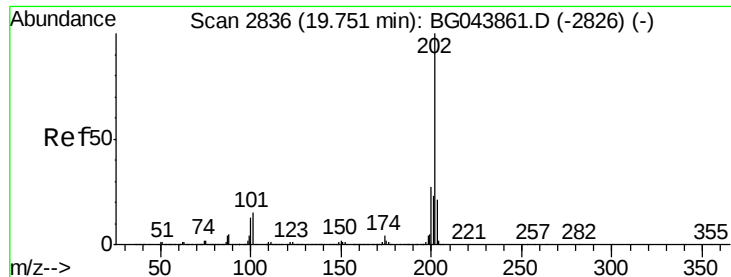


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.031 ng

RT: 19.73 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

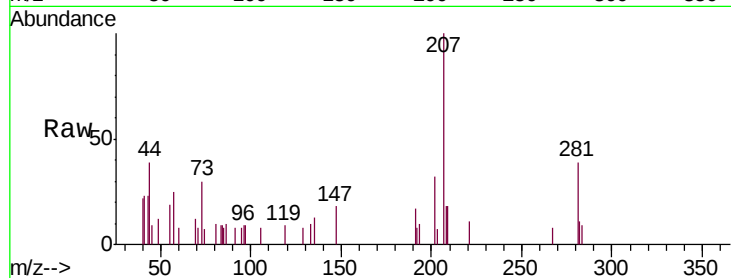
Tgt Ion:202 Resp: 896

Ion Ratio Lower Upper

202 100

200 0.0 21.7 32.5#

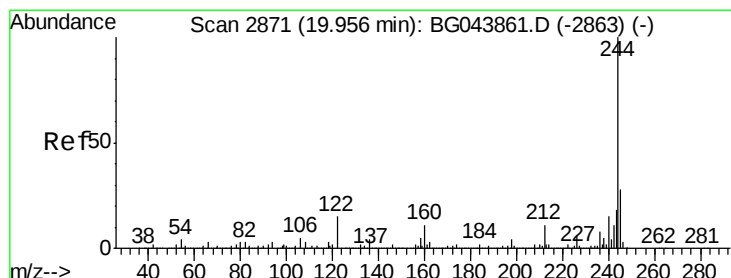
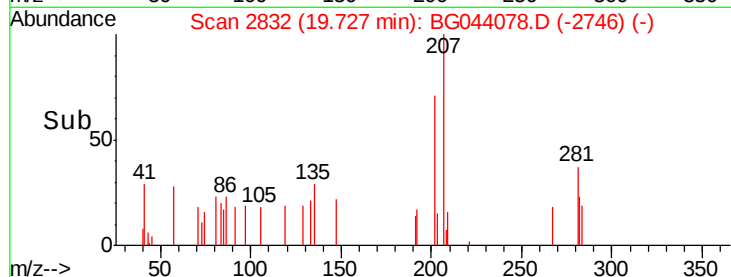
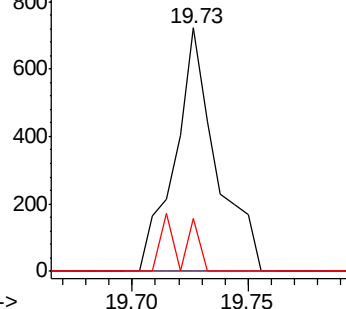
203 21.7 17.0 25.6



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: 117.907 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

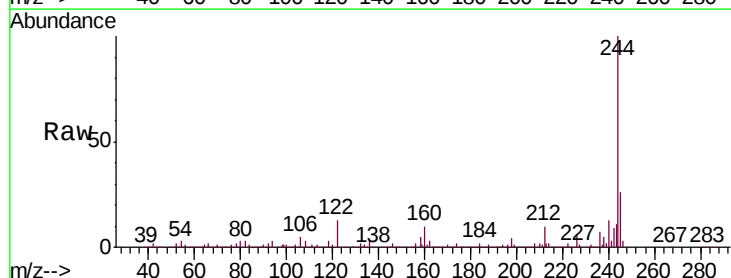
Tgt Ion:244 Resp: 1949533

Ion Ratio Lower Upper

244 100

212 9.5 8.6 13.0

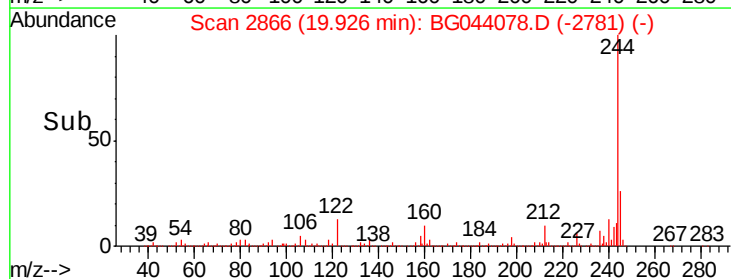
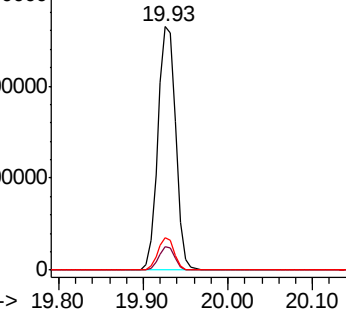
122 13.5 11.9 17.9

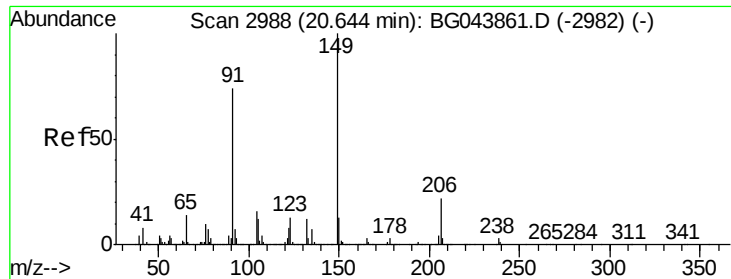


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

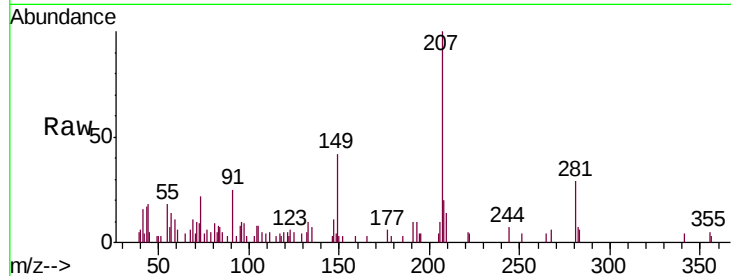




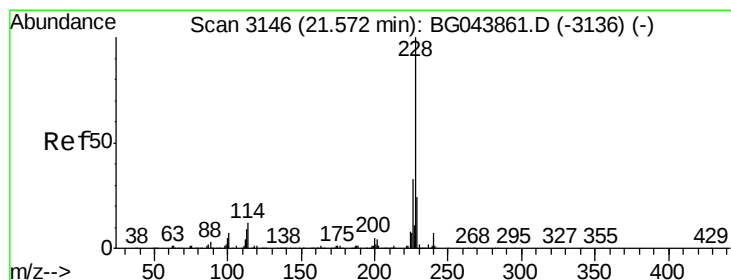
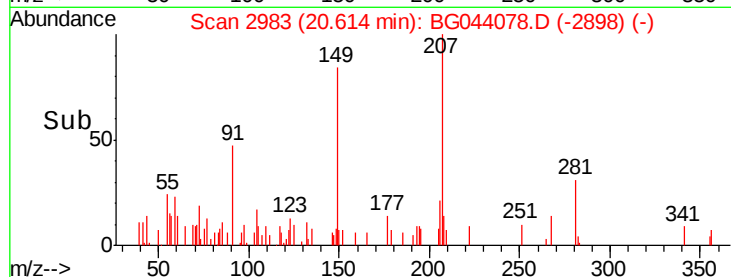
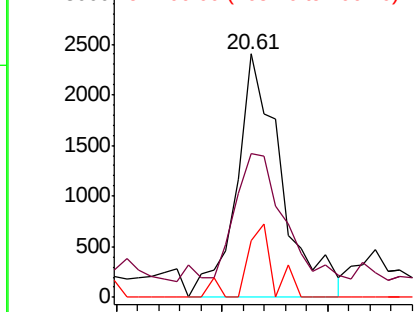
#80
Butylbenzylphthalate
Concen: 0.260 ng
RT: 20.61 min Scan# 2983
Delta R.T. -0.03 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Instrument :
BNA_G
ClientSampleId :
PB126138BL

Tgt Ion:149 Resp: 3549
Ion Ratio Lower Upper
149 100
91 59.0 59.5 89.3#
206 23.2 17.8 26.6

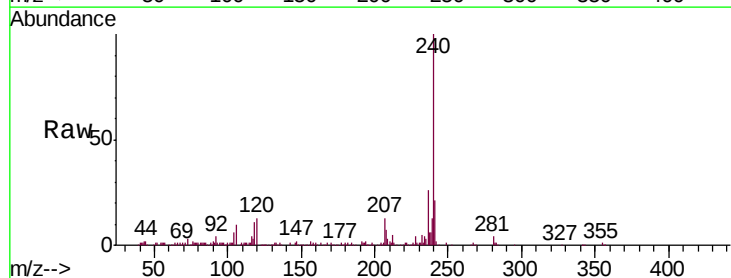


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

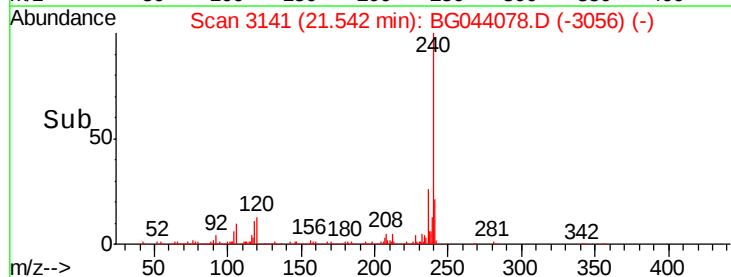
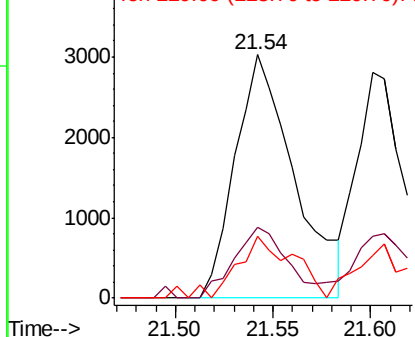


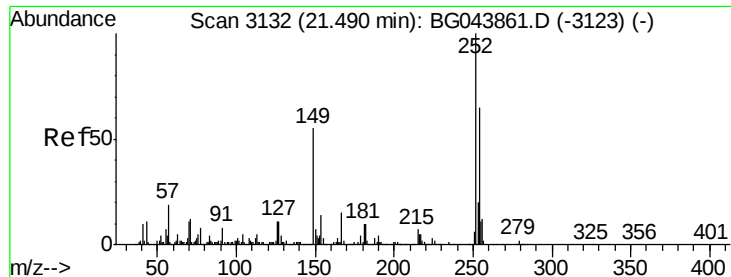
#81
Benzo(a)anthracene
Concen: 0.233 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044078.D
Acq: 17 Jan 2020 17:21

Tgt Ion:228 Resp: 6342
Ion Ratio Lower Upper
228 100
226 29.1 26.2 39.4
229 25.4 18.9 28.3



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





#82

3,3'-Dichlorobenzidine

Concen: 0.103 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

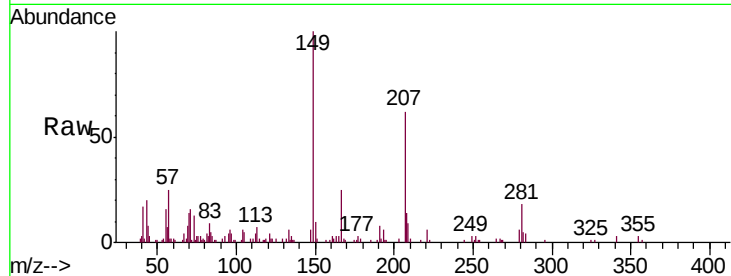
Tgt Ion:252 Resp: 1109

Ion Ratio Lower Upper

252 100

254 42.7 52.1 78.1#

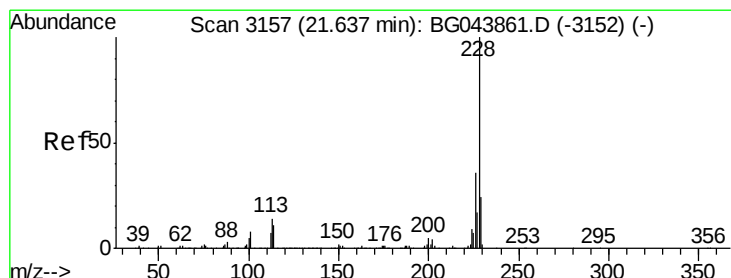
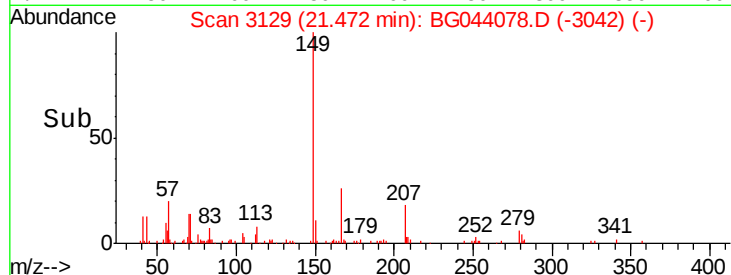
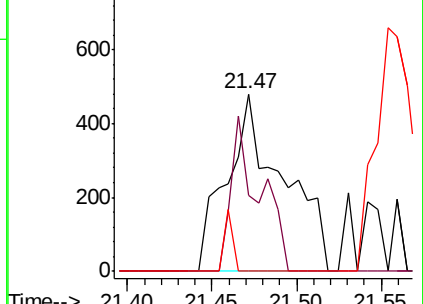
126 0.0 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.245 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.09 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

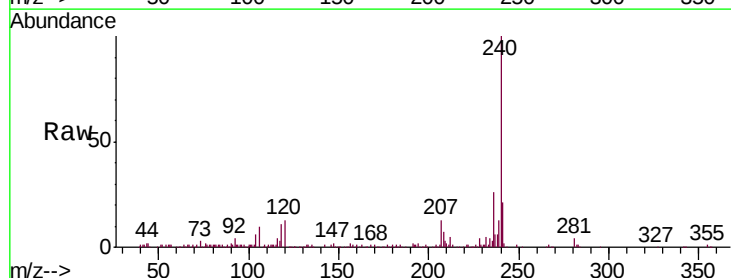
Tgt Ion:228 Resp: 6342

Ion Ratio Lower Upper

228 100

226 29.1 28.8 43.2

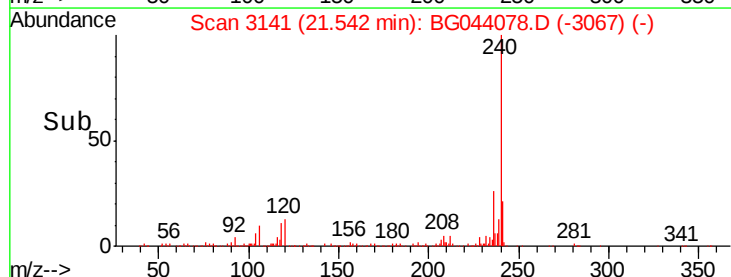
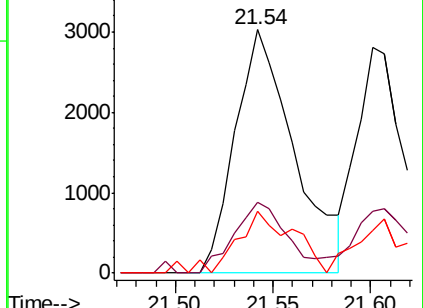
229 25.4 19.0 28.6

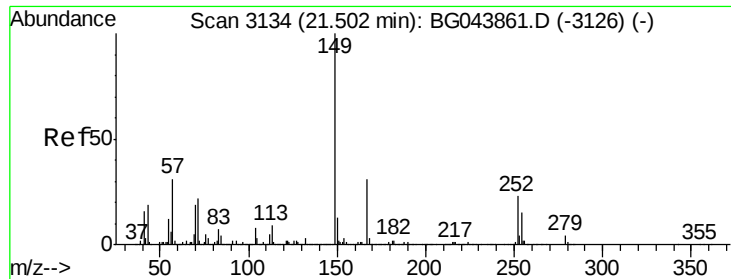


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.124 ng

RT: 21.47 min Scan# 3128

Delta R.T. -0.04 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

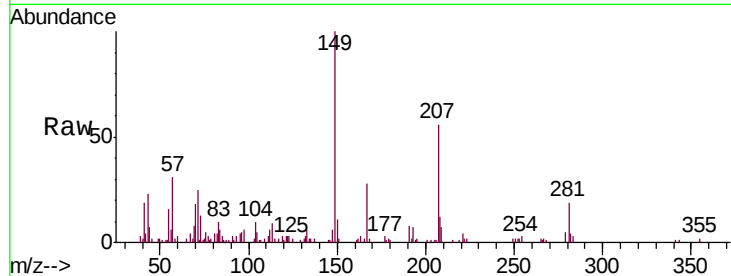
Tgt Ion:149 Resp: 21154

Ion Ratio Lower Upper

149 100

167 28.2 24.7 37.1

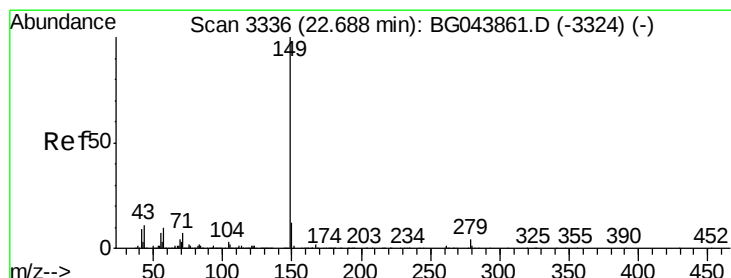
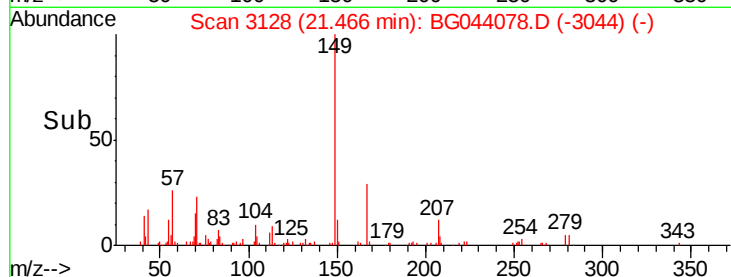
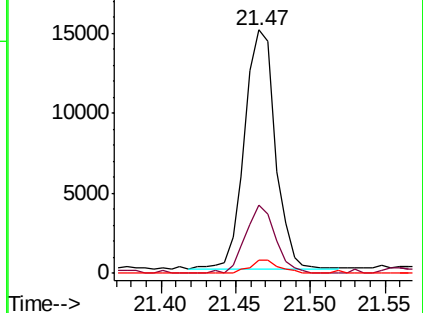
279 5.3 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.400 ng

RT: 22.64 min Scan# 3328

Delta R.T. -0.05 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

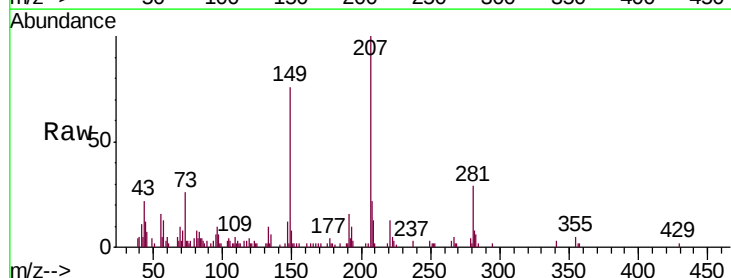
Tgt Ion:149 Resp: 12659

Ion Ratio Lower Upper

149 100

167 3.8 1.4 2.0#

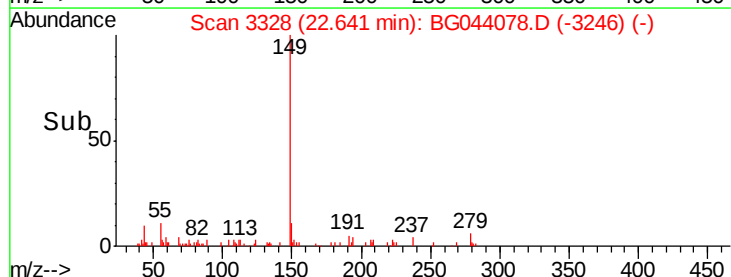
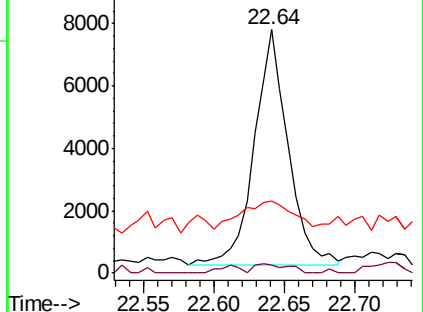
43 18.1 8.8 13.2#

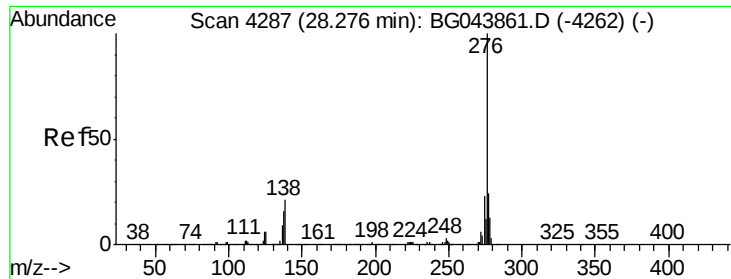


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 0.050 ng

RT: 28.20 min Scan# 4274

Delta R.T. -0.08 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

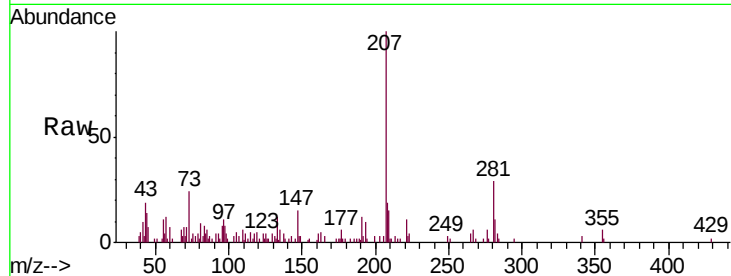
Tgt Ion:276 Resp: 1742

Ion Ratio Lower Upper

276 100

138 15.0 21.0 31.4#

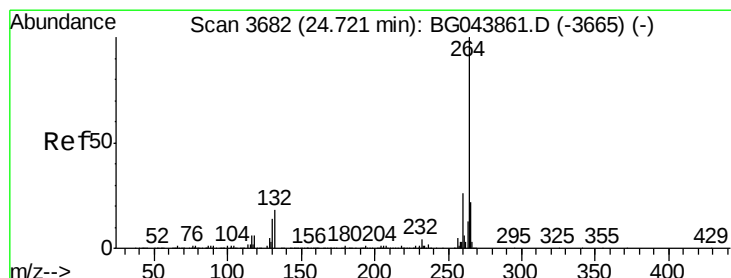
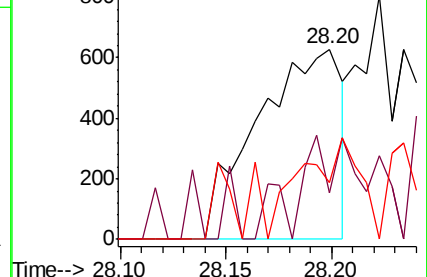
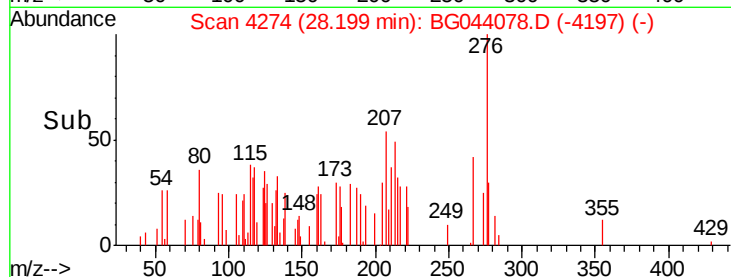
277 36.6 21.1 31.7#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.05 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

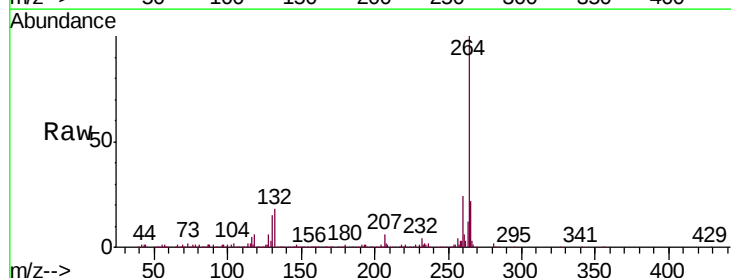
Tgt Ion:264 Resp: 486774

Ion Ratio Lower Upper

264 100

260 24.0 20.4 30.6

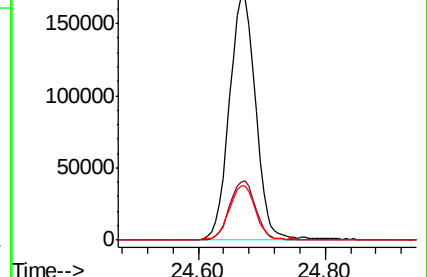
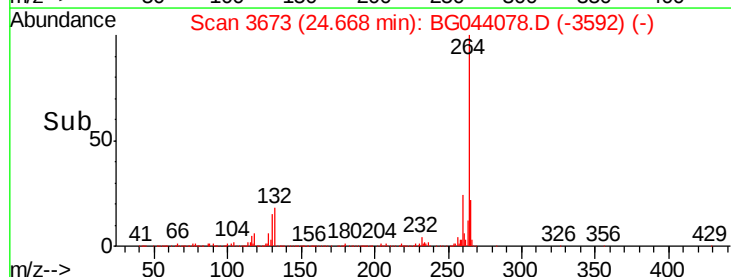
265 22.0 17.4 26.2

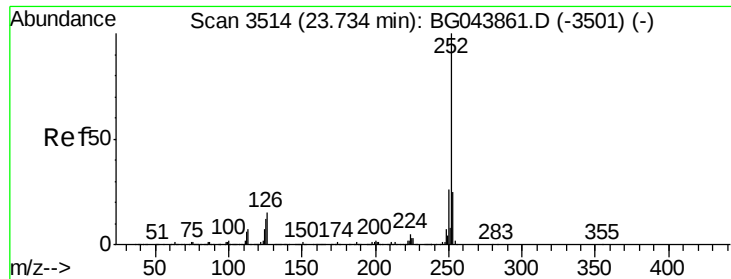


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.187 ng

RT: 23.69 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

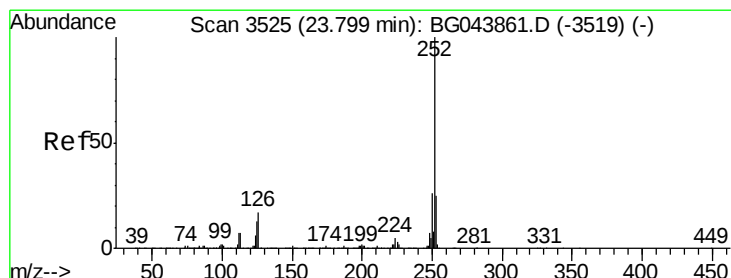
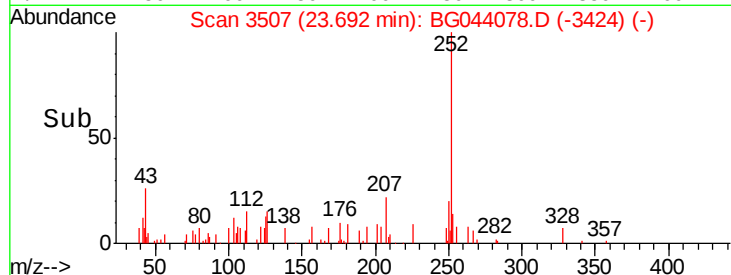
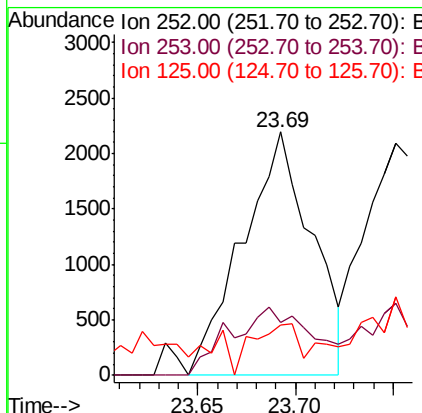
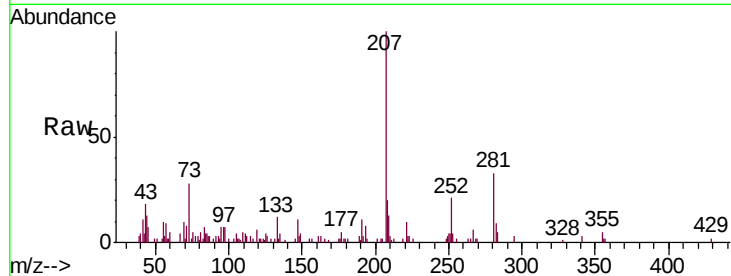
Instrument :

BNA_G

ClientSampleId :

PB126138BL

Tgt Ion:	252	Resp:	5395
Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.7	29.5
125	20.8	9.4	14.2#



#89

Benzo(k)fluoranthene

Concen: 0.150 ng

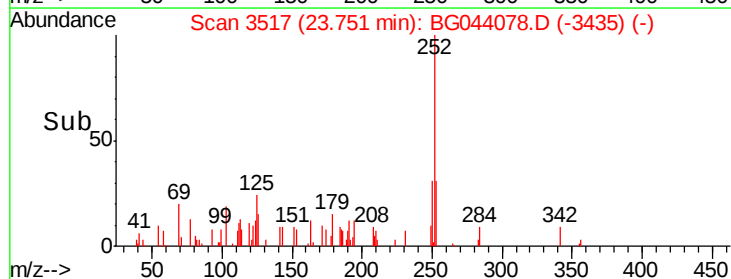
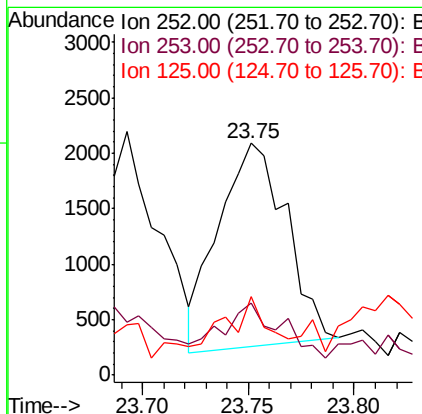
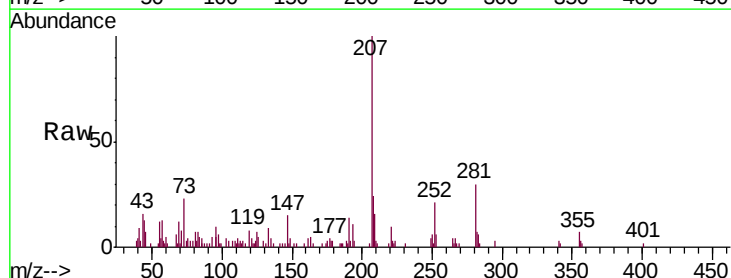
RT: 23.75 min Scan# 3517

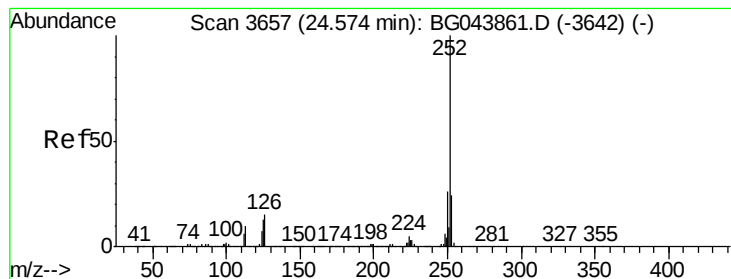
Delta R.T. -0.05 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Tgt Ion:	252	Resp:	4094
Ion	Ratio	Lower	Upper
252	100		
253	31.2	19.4	29.2#
125	33.9	9.9	14.9#





#90

Benzo(a)pyrene

Concen: 0.155 ng

RT: 24.52 min Scan# 3647

Delta R.T. -0.06 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

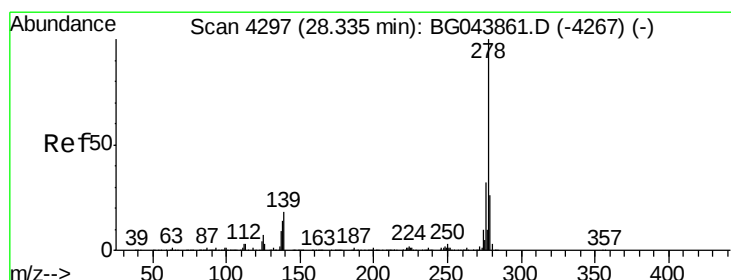
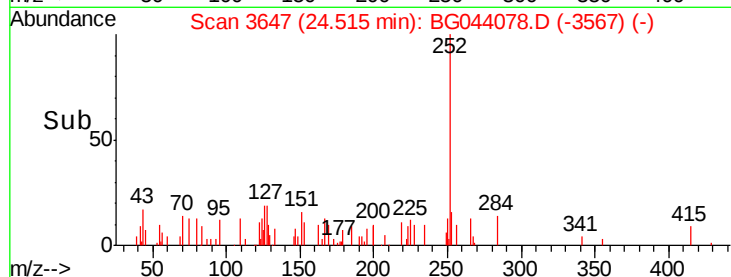
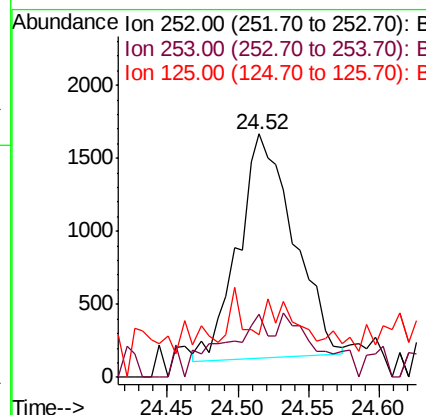
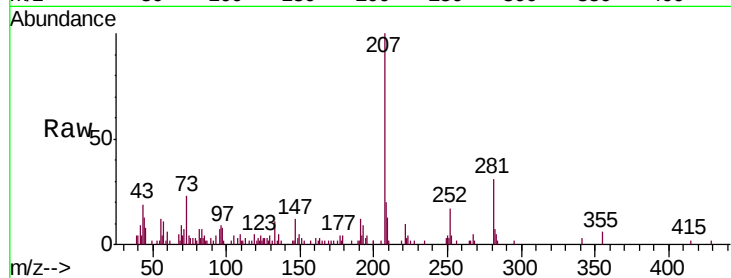
BNA_G

ClientSampleId :

PB126138BL

Tgt Ion: 252 Resp: 4197

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.3	28.9
125	17.4	10.4	15.6



#91

Dibenzo(a,h)anthracene

Concen: 0.058 ng

RT: 28.26 min Scan# 4285

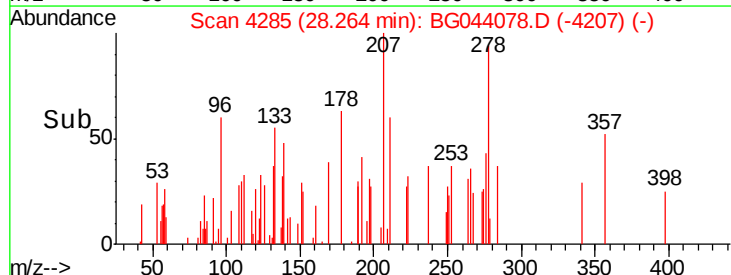
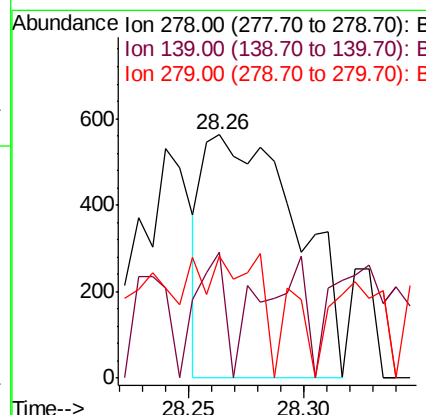
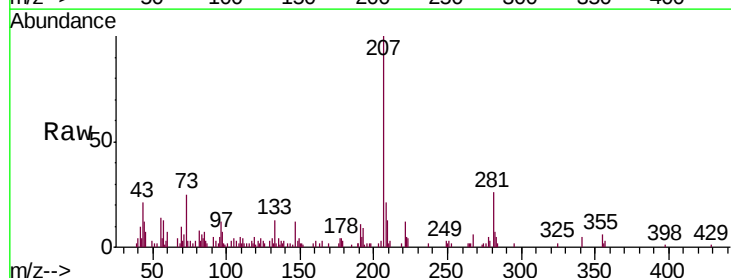
Delta R.T. -0.07 min

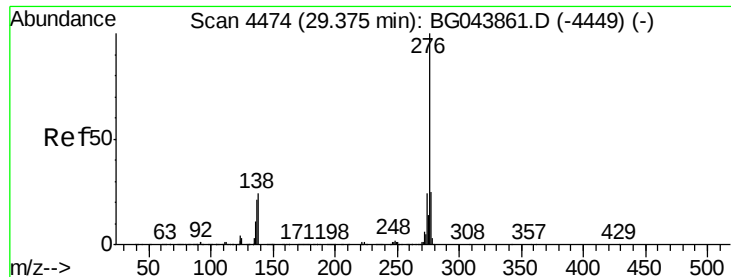
Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Tgt Ion: 278 Resp: 1591

Ion	Ratio	Lower	Upper
278	100		
139	51.7	14.2	21.4
279	49.9	20.6	30.8





#92

Benzo(g,h,i)perylene

Concen: 0.082 ng

RT: 29.29 min Scan# 4459

Delta R.T. -0.09 min

Lab File: BG044078.D

Acq: 17 Jan 2020 17:21

Instrument :

BNA_G

ClientSampleId :

PB126138BL

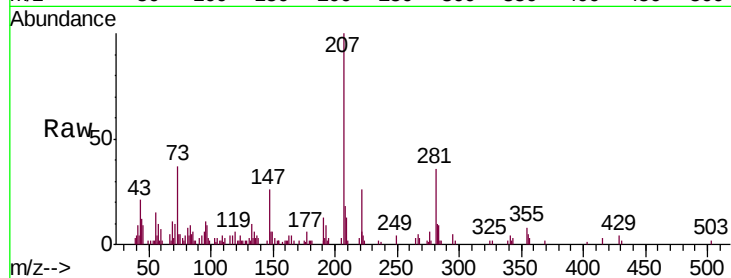
Tgt Ion: 276 Resp: 2224

Ion Ratio Lower Upper

276 100

277 27.3 20.2 30.4

138 43.5 19.0 28.6#



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

