

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044408.D
 Acq On : 12 Feb 2020 14:33
 Operator : CG/JU
 Sample : PB126762BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 01:04:29 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	81125	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	314708	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	203348	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	480927	20.00	ng	0.00
76) Chrysene-d12	21.53	240	466931	20.00	ng	0.00
87) Perylene-d12	24.61	264	480359	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	712360	154.97	ng	0.00
7) Phenol-d6	7.08	99	896287	145.20	ng	0.00
23) Nitrobenzene-d5	9.06	82	547610	98.24	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	371334	155.55	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1240001	102.11	ng	0.00
79) Terphenyl-d14	19.90	244	2054231	90.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	54	0.026	ng	# 1
4) n-Nitrosodimethylamine	3.67	42	190	0.083	ng	# 1
9) Benzaldehyde	7.07	77	1453	0.413	ng	# 1
12) 1,3-Dichlorobenzene	8.23	146	125	0.021	ng	# 1
13) 1,4-Dichlorobenzene	8.23	146	125	0.021	ng	# 1
14) 1,2-Dichlorobenzene	8.23	146	125	0.022	ng	# 1
15) Benzyl Alcohol	8.23	79	8932	2.044	ng	# 44
19) n-Nitroso-di-n-propylamine	9.06	70	68887	16.745	ng	# 76
24) Nitrobenzene	9.07	77	1747	0.321	ng	# 37
25) Isophorone	9.64	82	196	0.019	ng	# 64
46) 1,1'-Biphenyl	13.38	154	3179	0.217	ng	# 83
48) 2-Nitroaniline	13.16	65	1887	0.548	ng	# 1
51) 2,6-Dinitrotoluene	14.54	165	26202	8.040	ng	# 30
52) Acenaphthene	14.54	154	724	0.065	ng	# 5
57) 2,4-Dinitrotoluene	14.54	165	26202	5.736	ng	# 28
58) Fluorene	16.03	166	16246	1.228	ng	# 93
63) Azobenzene	16.03	77	1820	0.143	ng	# 7
65) 4,6-Dinitro-2-methylphenol	16.03	198	1050	0.396	ng	# 1
66) n-Nitrosodiphenylamine	16.03	169	12513	0.928	ng	# 50
67) 4-Bromophenyl-phenylether	16.03	248	25312	4.831	ng	# 1
71) Phenanthrene	17.32	178	68	0.003	ng	# 57
72) Anthracene	17.32	178	68	0.003	ng	# 57
74) Di-n-butylphthalate	18.28	149	230	0.009	ng	# 75
75) Fluoranthene	19.35	202	59	0.002	ng	# 62
77) Benzidine	19.90	184	34293	2.648	ng	# 92
78) Pyrene	19.90	202	7770	0.259	ng	# 77
80) Butylbenzylphthalate	20.58	149	163	0.012	ng	# 25
81) Benzo(a)anthracene	21.53	228	2182	0.076	ng	# 70
83) Chrysene	21.57	228	918	0.033	ng	# 46
84) Bis(2-ethylhexyl)phthalate	21.44	149	446	0.024	ng	# 50
85) Di-n-octyl phthalate	22.59	149	871	0.027	ng	# 78
86) Indeno(1,2,3-cd)pyrene	28.15	276	53	0.001	ng	# 50
88) Benzo(b)fluoranthene	23.65	252	1017	0.037	ng	# 59
89) Benzo(k)fluoranthene	23.72	252	1224	0.045	ng	# 71

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

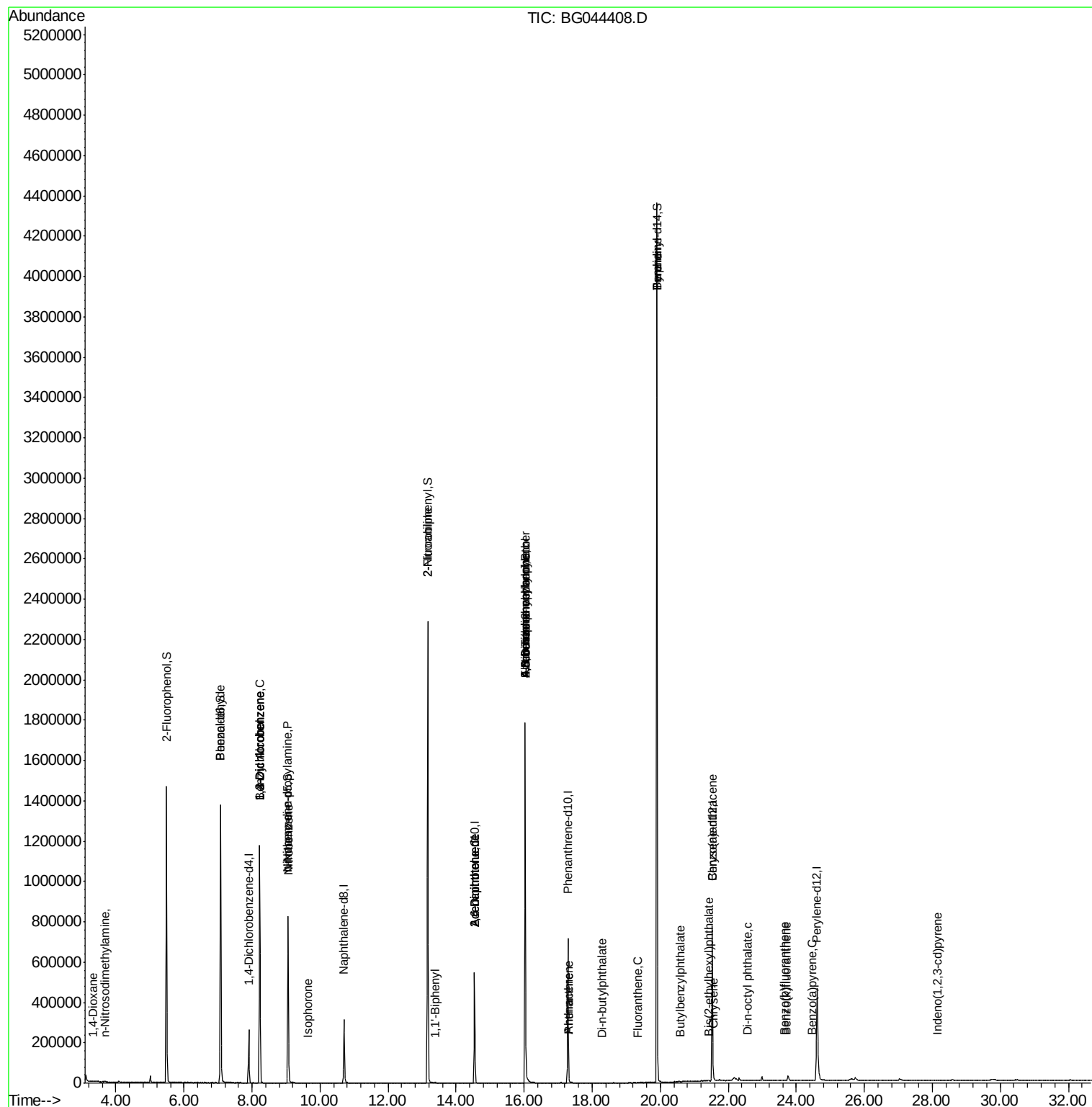
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	24.46	252	1058	0.040	ng	# 59

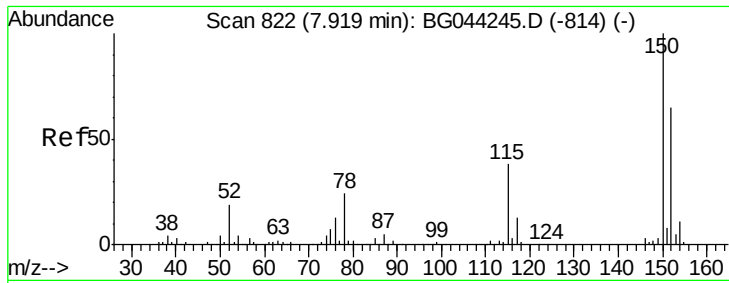
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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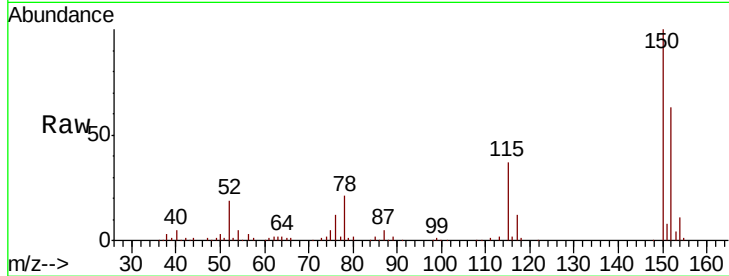


#1

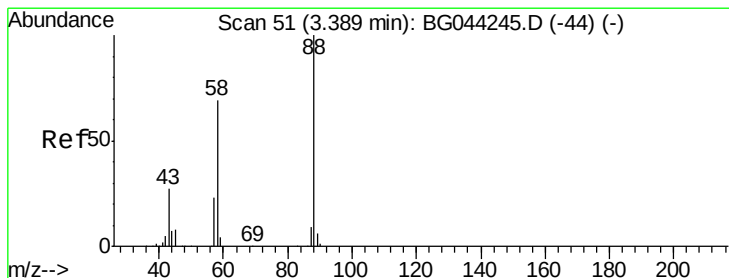
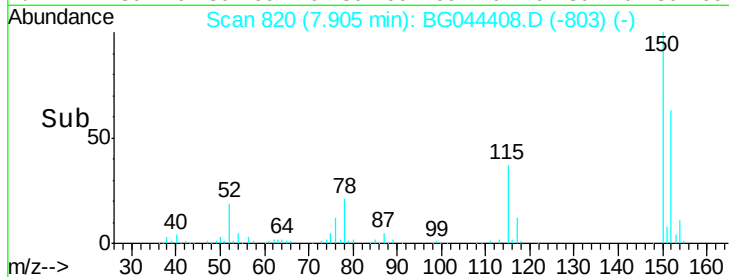
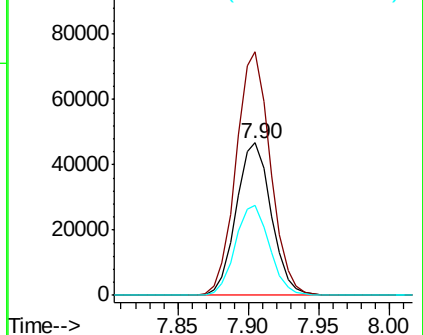
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.6	183.8
115	59.3	46.0	69.0



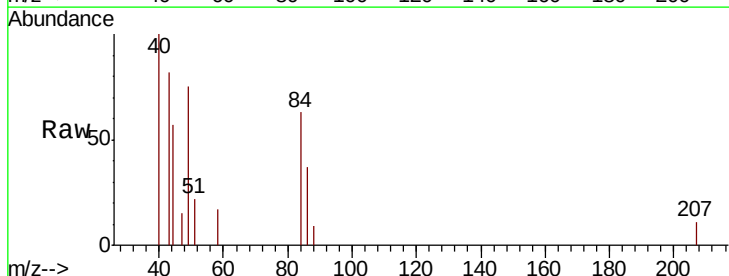
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



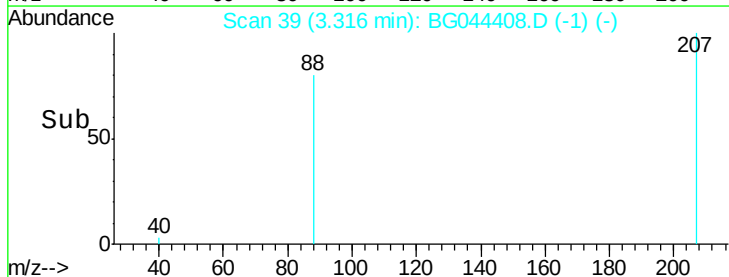
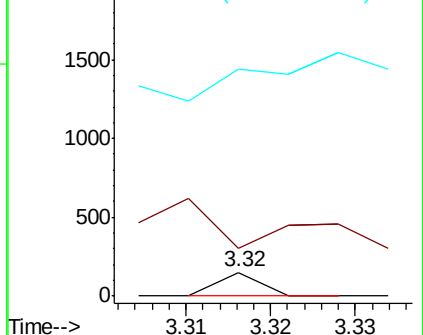
#2

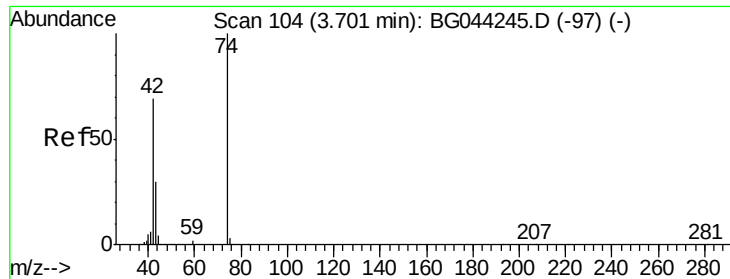
1,4-Dioxane
Concen: 0.026 ng
RT: 3.32 min Scan# 39
Delta R.T. -0.05 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	496.3	55.8	83.6#
43	618.5	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





#4

n-Nitrosodimethylamine

Concen: 0.083 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.01 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampled :

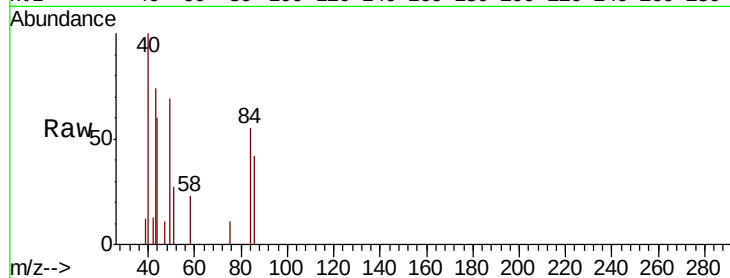
Tot Ion: 42 Resp: 190

Ion Ratio Lower Upper

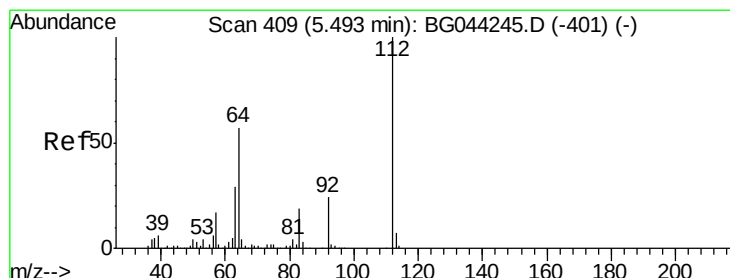
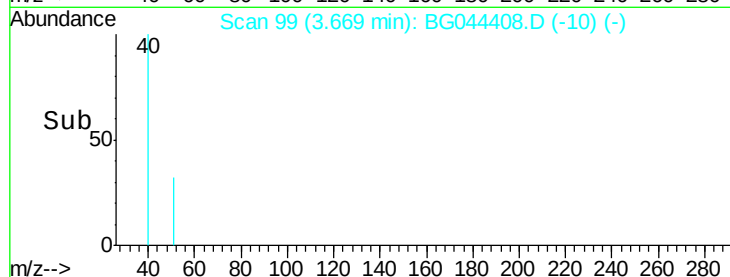
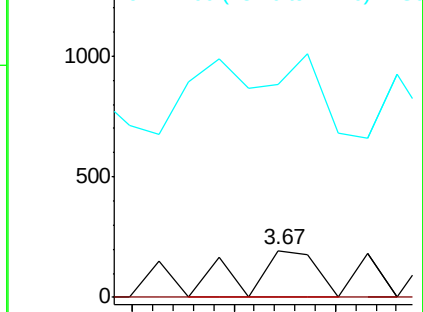
42 100

74 0.0 115.1 172.7#

44 458.0 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



#5

2-Fluorophenol

Concen: 154.971 ng

RT: 5.48 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

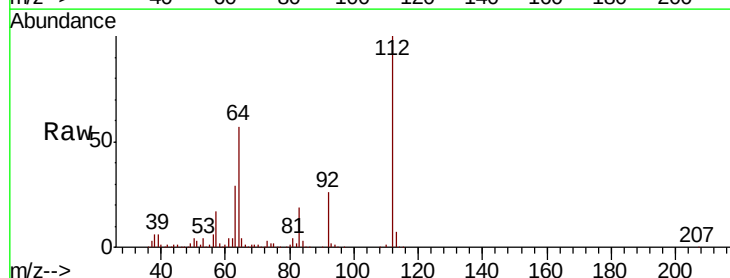
Tgt Ion: 112 Resp: 712360

Ion Ratio Lower Upper

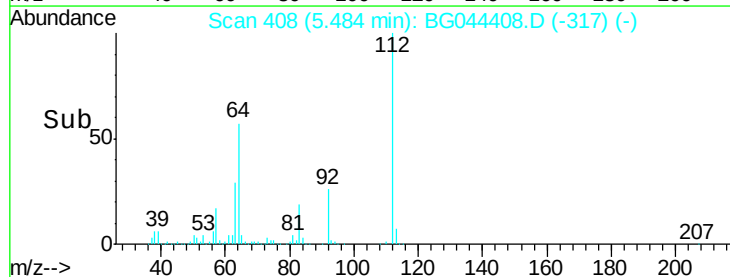
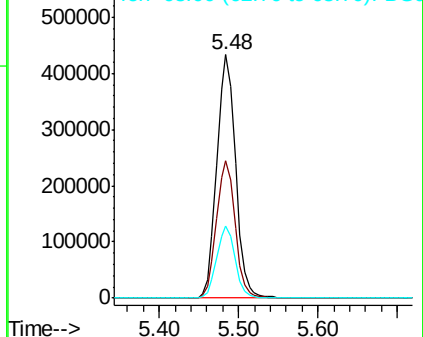
112 100

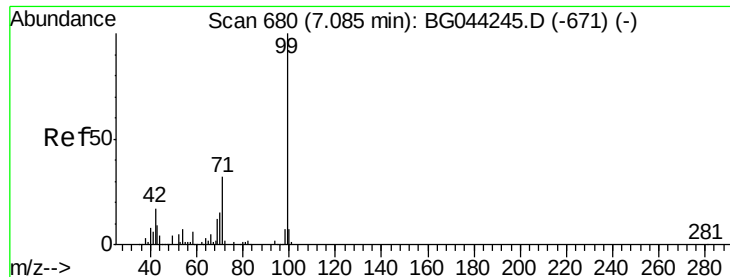
64 56.7 45.4 68.2

63 29.4 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: 145.201 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

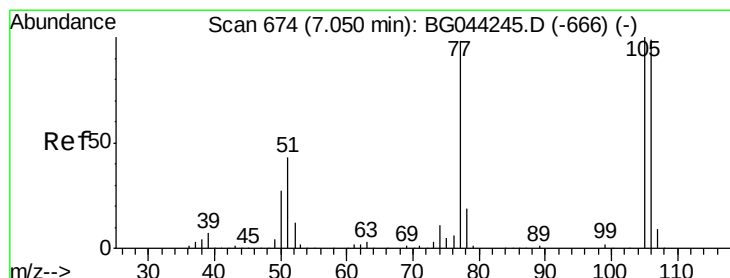
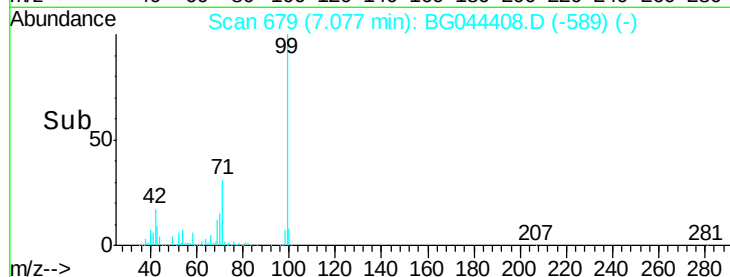
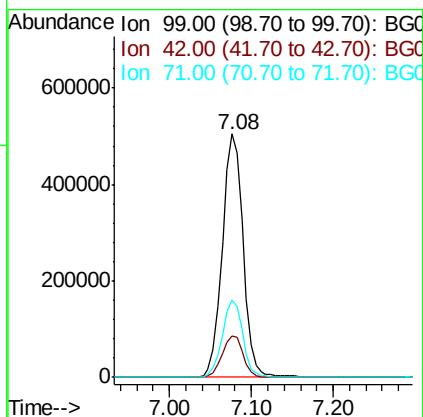
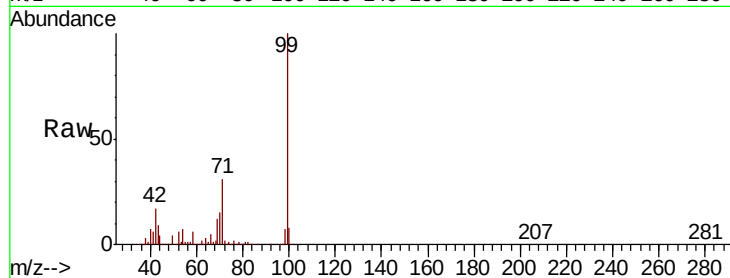
Tot Ion: 99 Resp: 896287

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.6

71 31.5 25.5 38.3



#9

Benzaldehyde

Concen: 0.413 ng

RT: 7.07 min Scan# 678

Delta R.T. 0.03 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

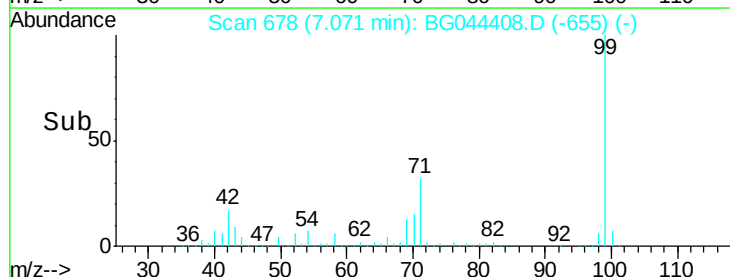
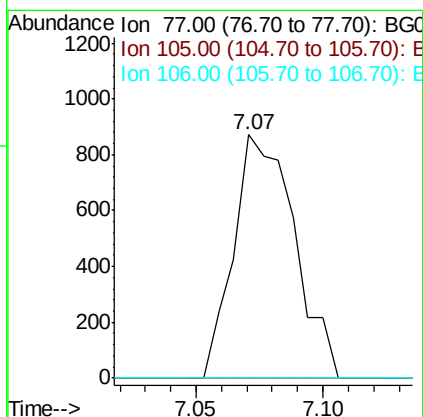
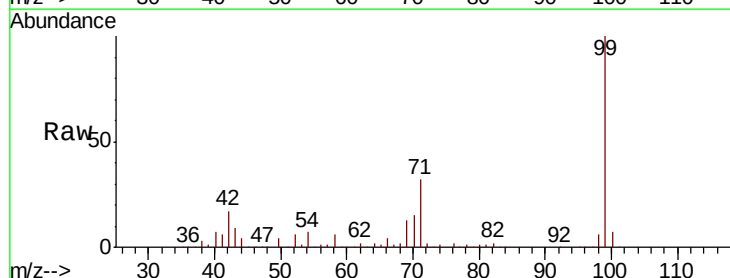
Tgt Ion: 77 Resp: 1453

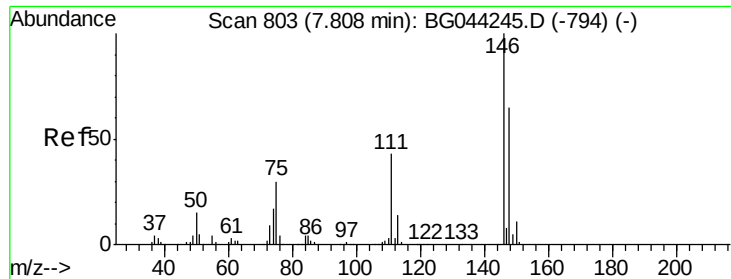
Ion Ratio Lower Upper

77 100

105 0.0 82.0 122.0#

106 0.0 80.7 120.7#





#12

1,3-Dichlorobenzene

Concen: 0.021 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.43 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampled :

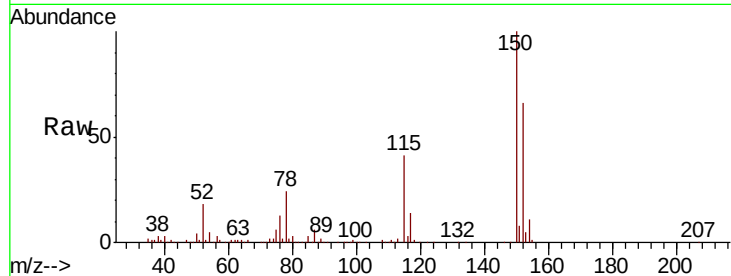
Tot Ion:146 Resp: 125

Ion Ratio Lower Upper

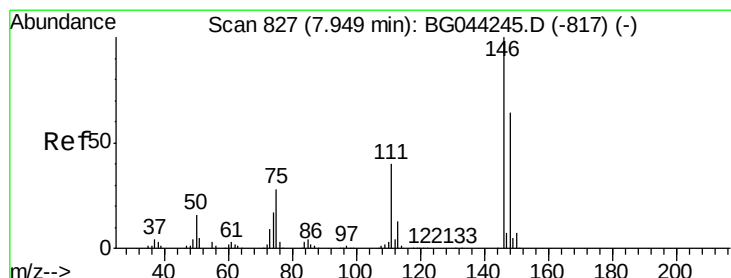
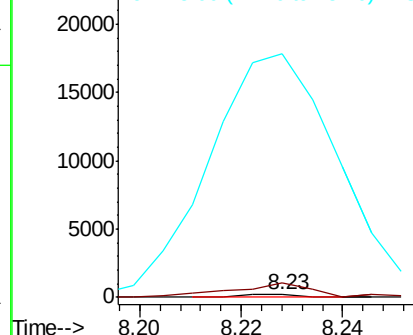
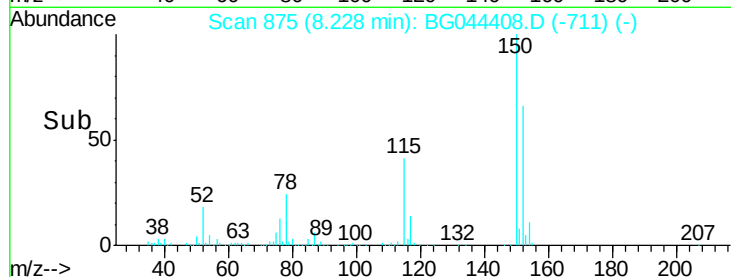
146 100

148 592.7 51.8 77.8#

75 10013.5 23.7 35.5#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 0.021 ng

RT: 8.23 min Scan# 875

Delta R.T. 0.29 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

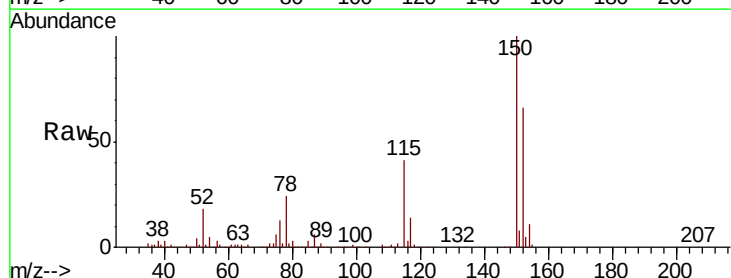
Tgt Ion:146 Resp: 125

Ion Ratio Lower Upper

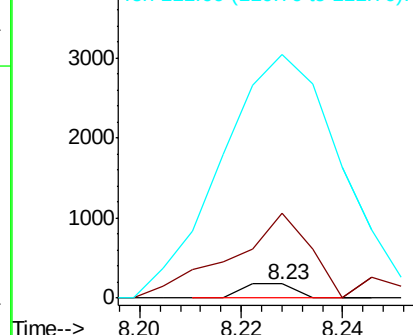
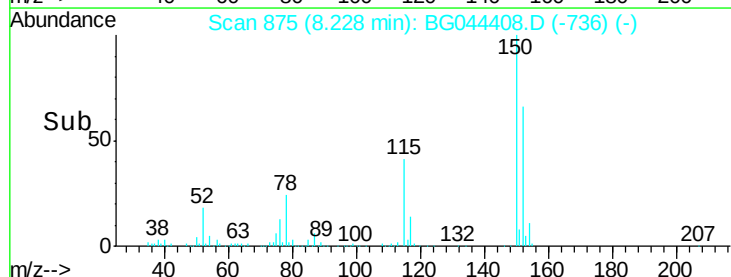
146 100

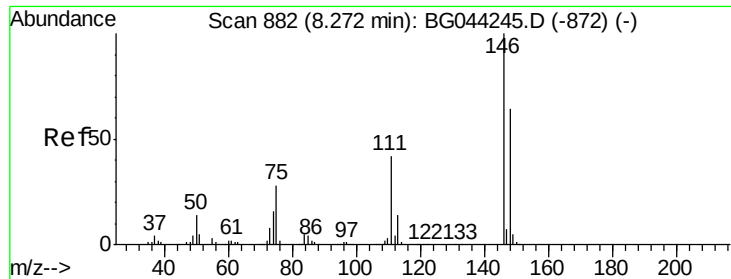
148 592.7 51.4 77.0#

111 1707.9 31.8 47.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

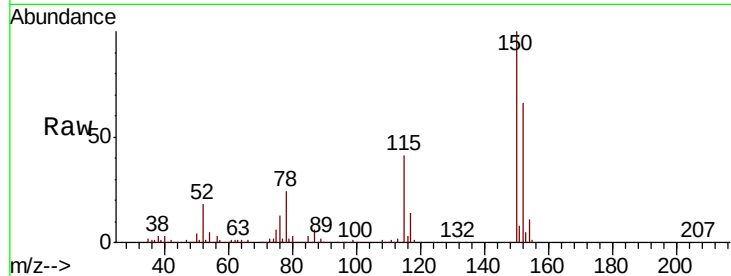




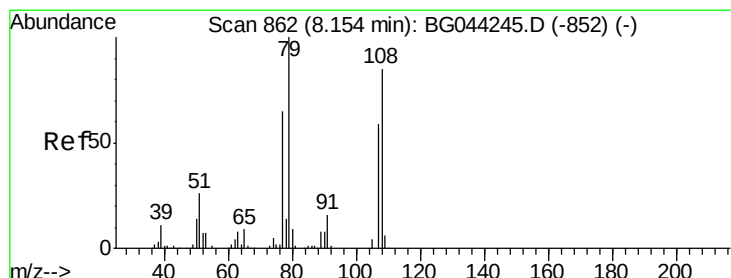
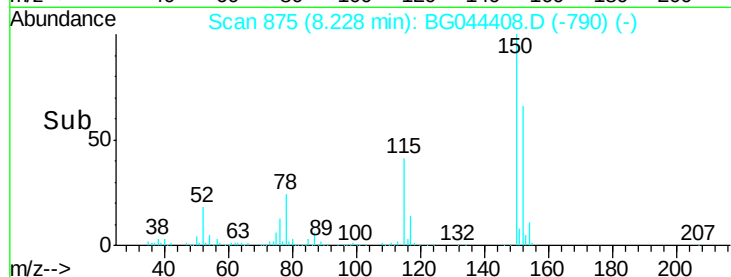
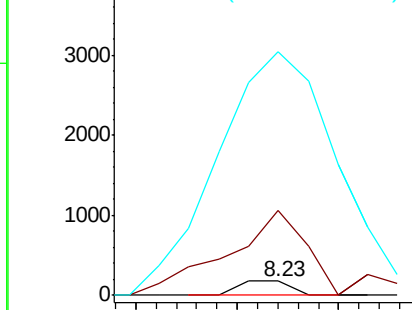
#14
 1,2-Dichlorobenzene
 Concen: 0.022 ng
 RT: 8.23 min Scan# 875
 Delta R.T. -0.03 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 125
 Ion Ratio Lower Upper
 146 100
 148 592.7 51.2 76.8#
 111 1707.9 34.0 51.0#

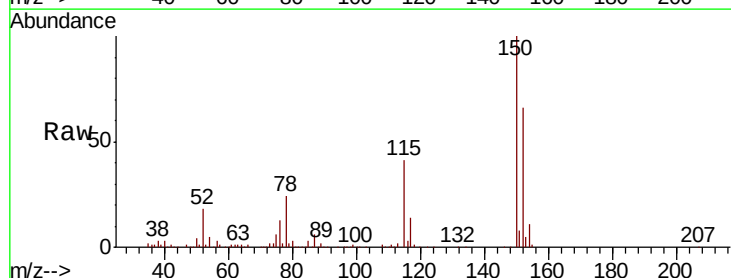


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

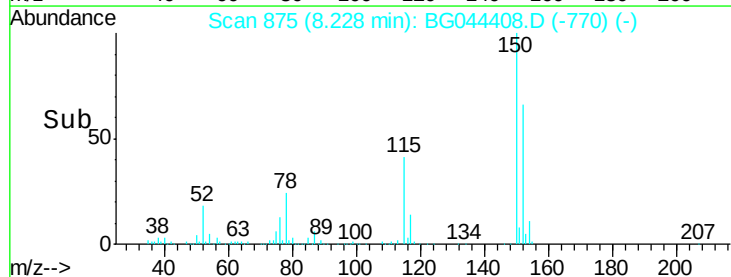
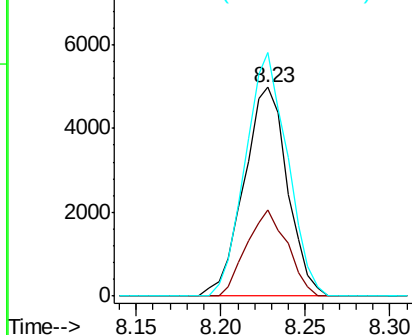


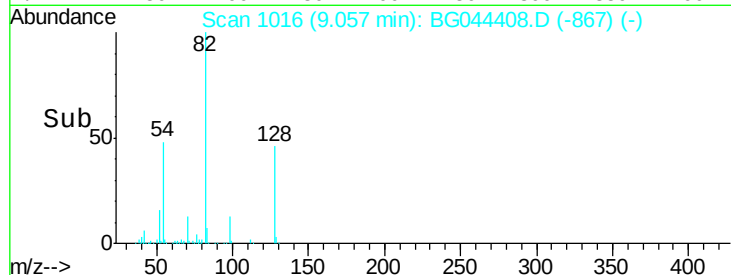
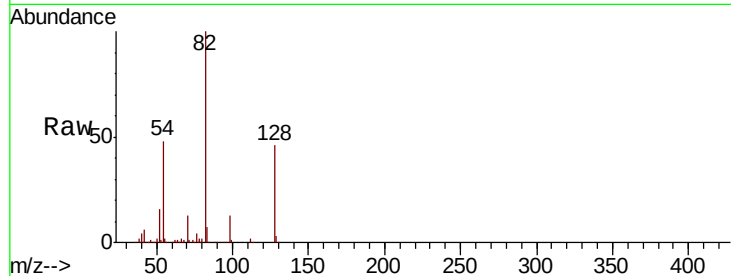
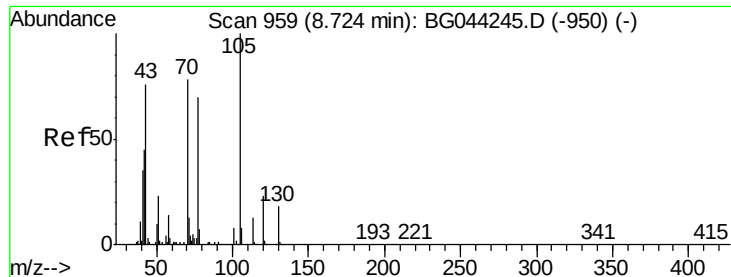
#15
 Benzyl Alcohol
 Concen: 2.044 ng
 RT: 8.23 min Scan# 875
 Delta R.T. 0.09 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Tgt Ion: 79 Resp: 8932
 Ion Ratio Lower Upper
 79 100
 108 41.4 68.3 102.5#
 77 116.5 51.8 77.8#



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

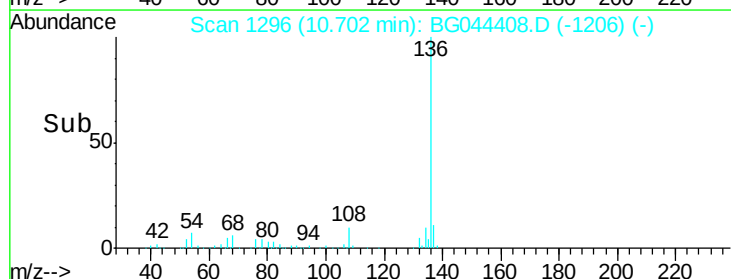
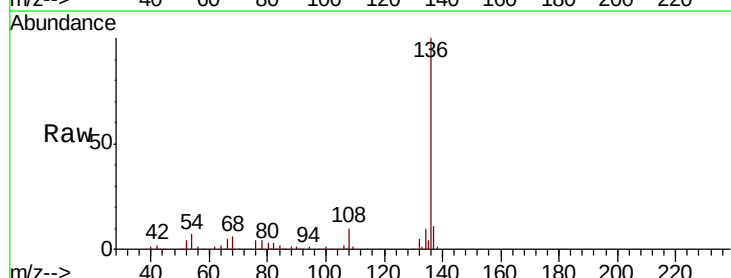
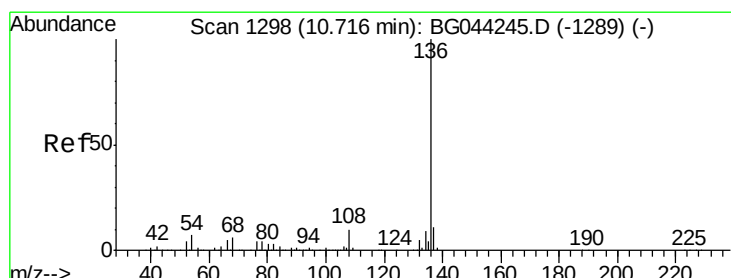
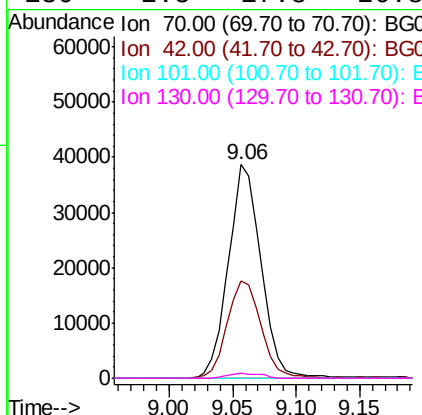




#19
n-Nitroso-di-n-propylamine
Concen: 16.745 ng
RT: 9.06 min Scan# 1016
Delta R.T. 0.35 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

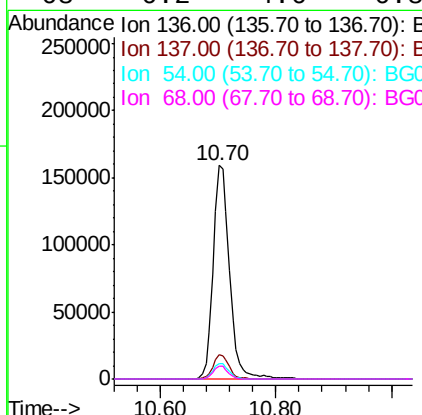
Instrument :
BNA_G
ClientSampleId :

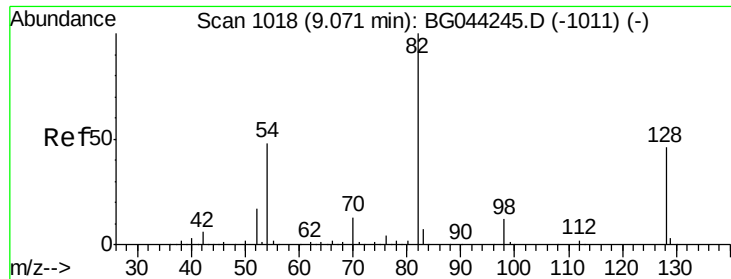
Tot Ion: 70 Resp: 68887
Ion Ratio Lower Upper
70 100
42 45.6 46.2 69.2#
101 0.0 8.4 12.6#
130 2.5 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

Tgt Ion: 136 Resp: 314708
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.5 5.8 8.8
68 6.2 4.6 6.8

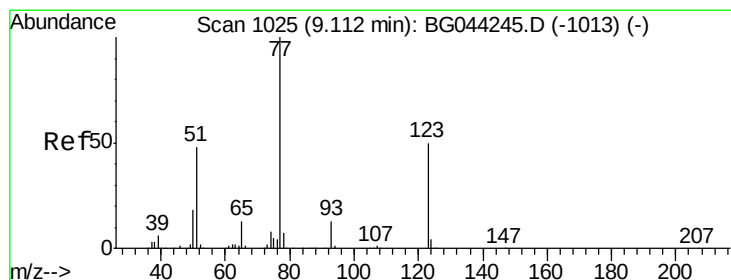
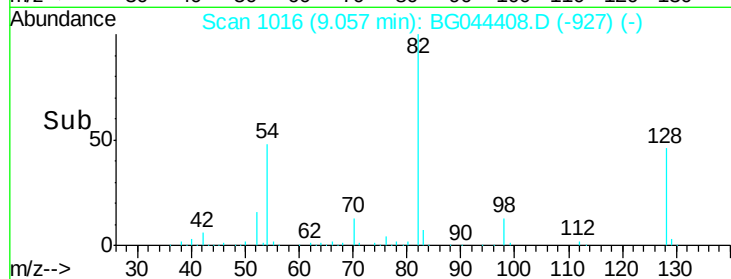
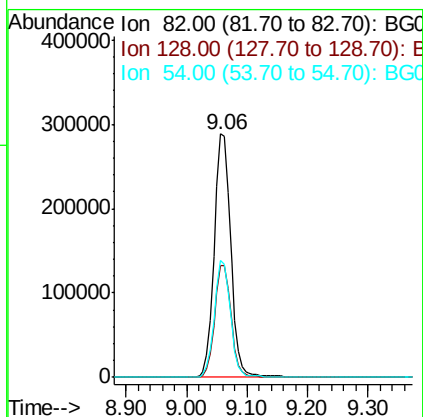
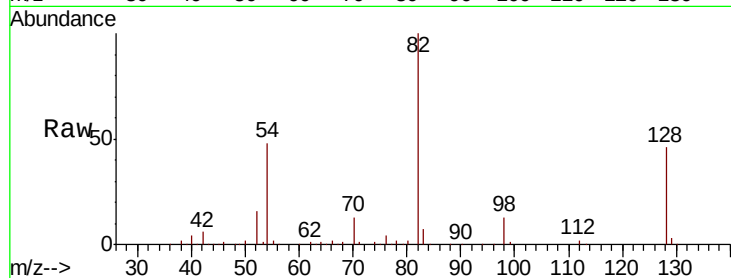




#23
Nitrobenzene-d5
Concen: 98.237 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

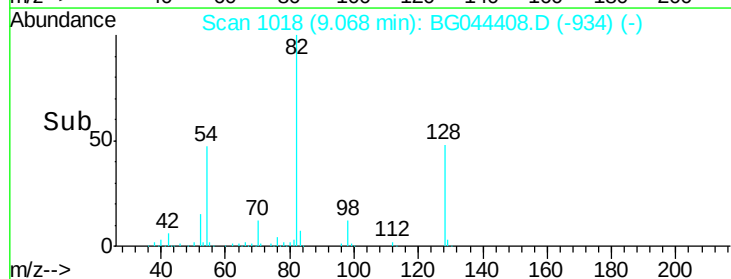
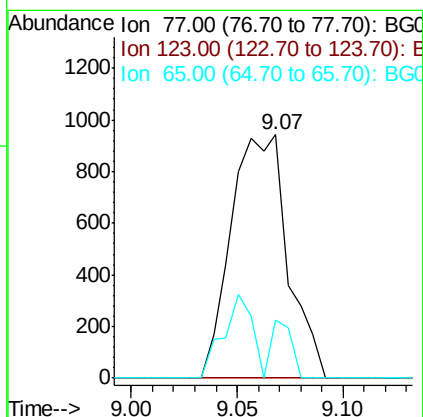
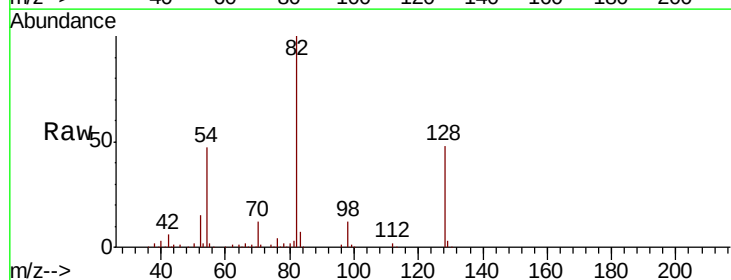
Instrument :
BNA_G
ClientSampleId :

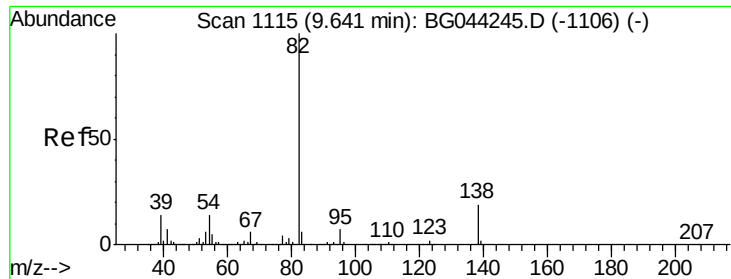
Tot Ion: 82 Resp: 547610
Ion Ratio Lower Upper
82 100
128 46.1 36.5 54.7
54 47.8 38.6 58.0



#24
Nitrobenzene
Concen: 0.321 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.04 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

Tgt Ion: 77 Resp: 1747
Ion Ratio Lower Upper
77 100
123 0.0 39.9 59.9#
65 24.0 10.4 15.6#

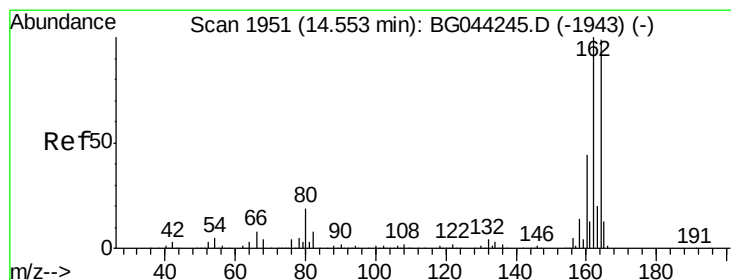
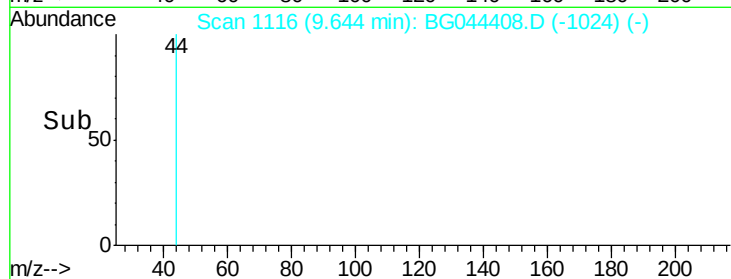
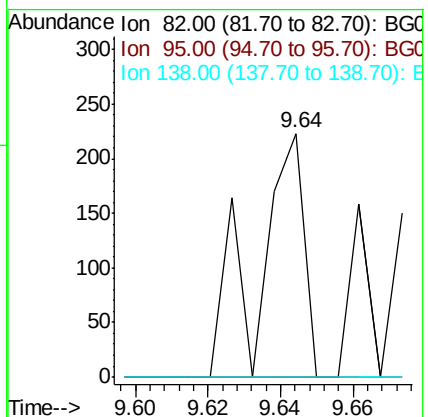
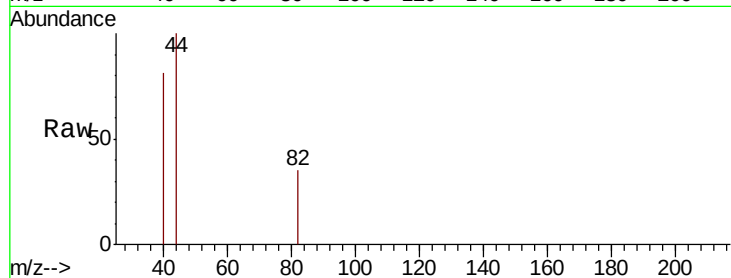




#25
Isophorone
Concen: 0.019 ng
RT: 9.64 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

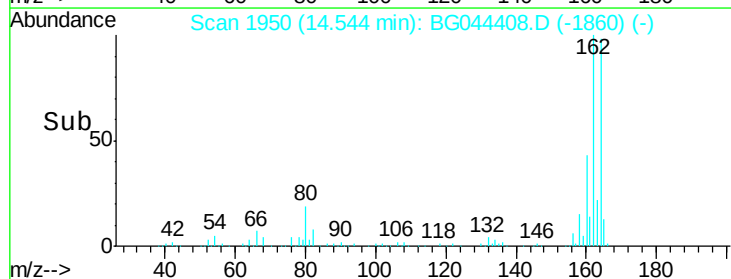
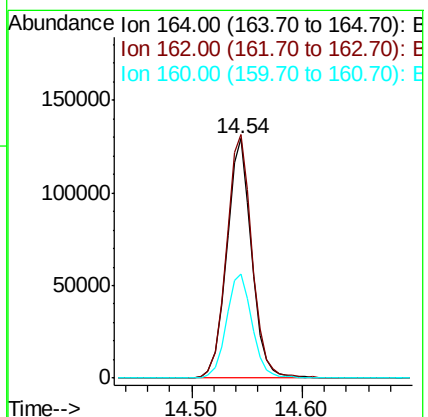
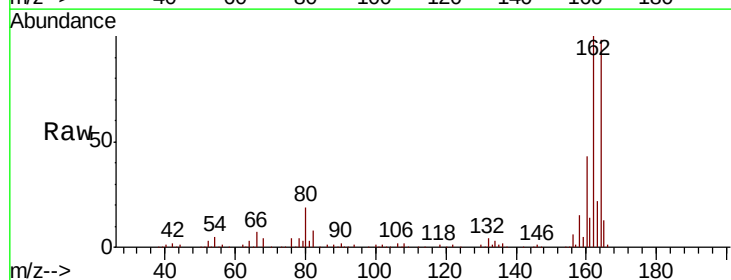
Instrument :
BNA_G
ClientSampled :

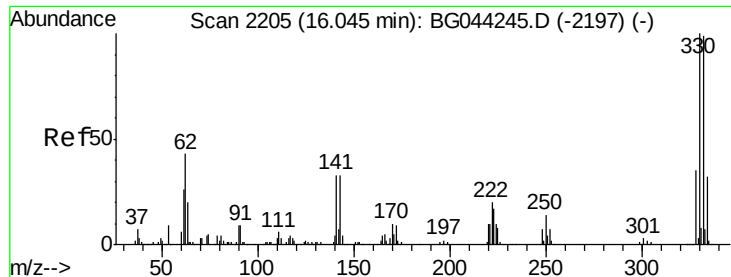
Tot Ion: 82 Resp: 196
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

Tgt Ion:164 Resp: 203348
Ion Ratio Lower Upper
164 100
162 101.6 80.7 121.1
160 43.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 155.553 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

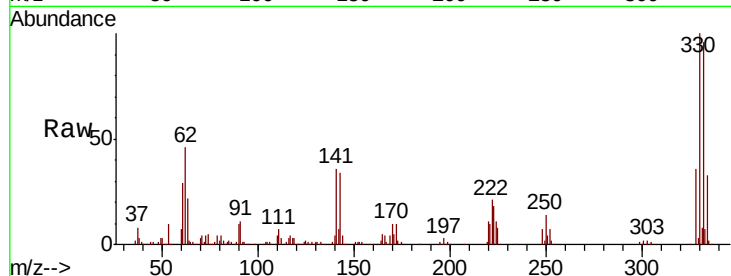
Tot Ion:330 Resp: 371334

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

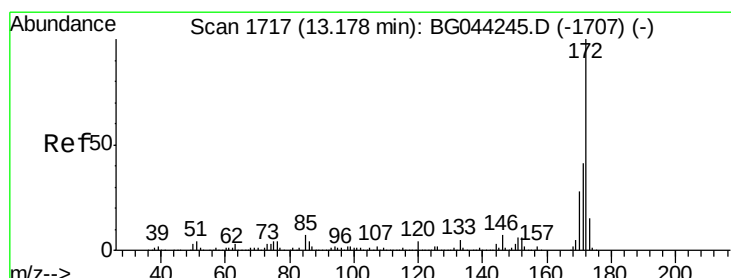
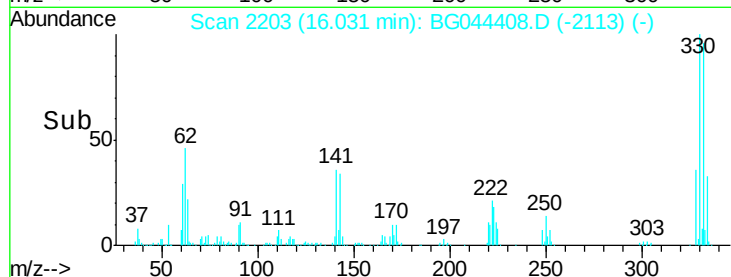
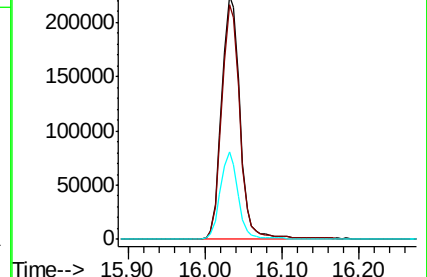
141 34.9 28.3 42.5



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: 102.113 ng

RT: 13.16 min Scan# 1715

Delta R.T. -0.00 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

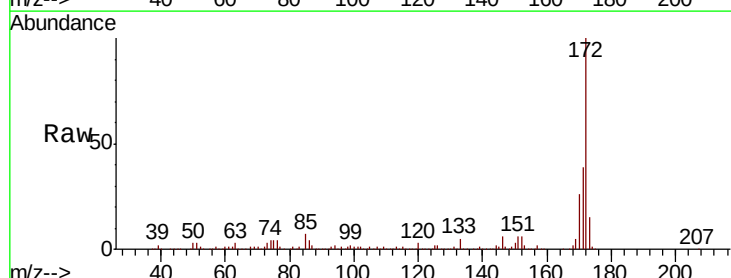
Tgt Ion:172 Resp: 1240001

Ion Ratio Lower Upper

172 100

171 38.7 32.9 49.3

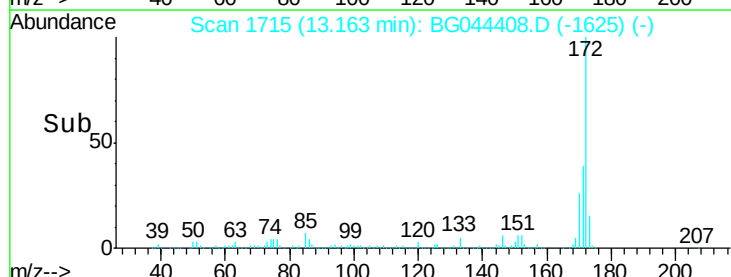
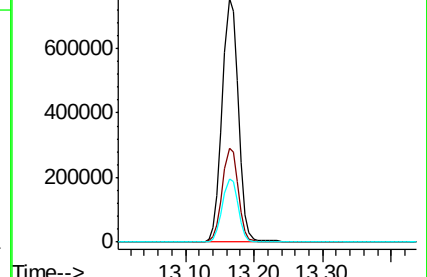
170 26.0 22.0 33.0

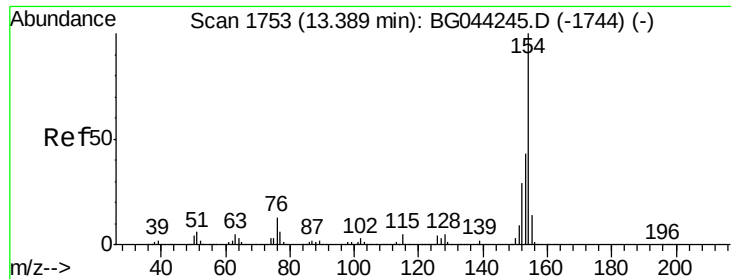


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

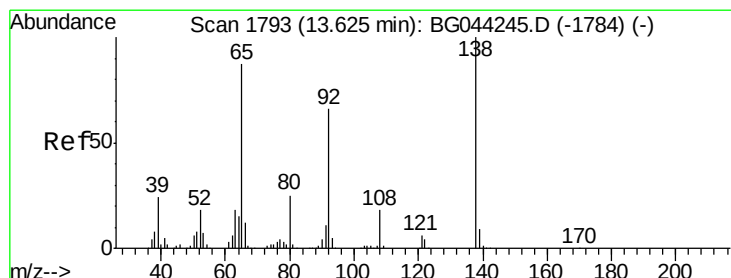
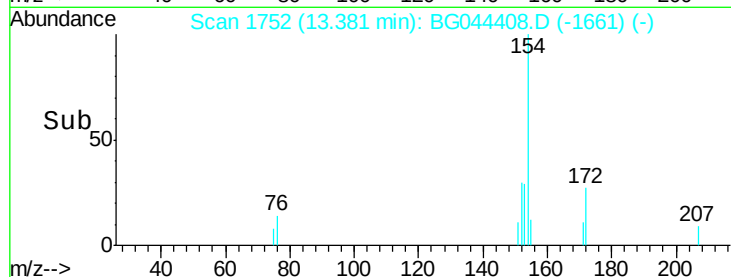
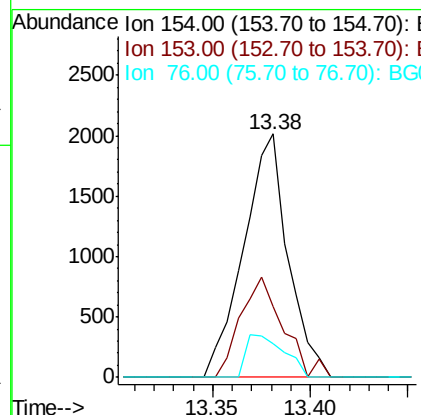
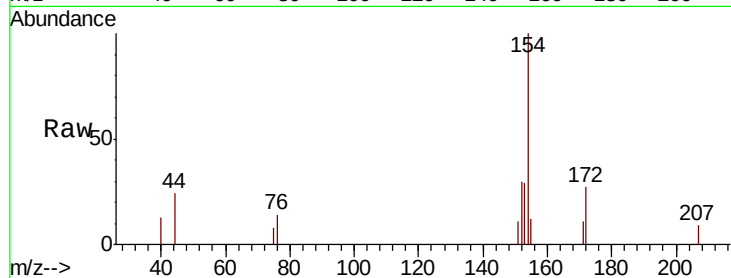




#46
 1,1'-Biphenyl
 Concen: 0.217 ng
 RT: 13.38 min Scan# 1752
 Delta R.T. 0.01 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

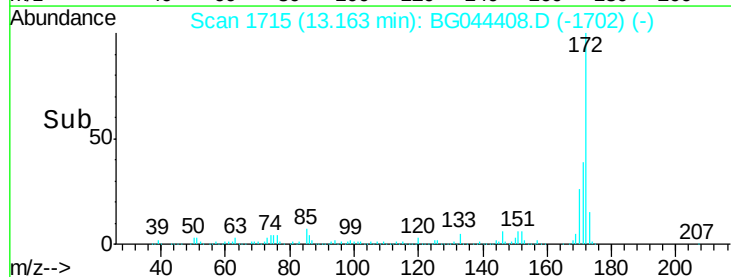
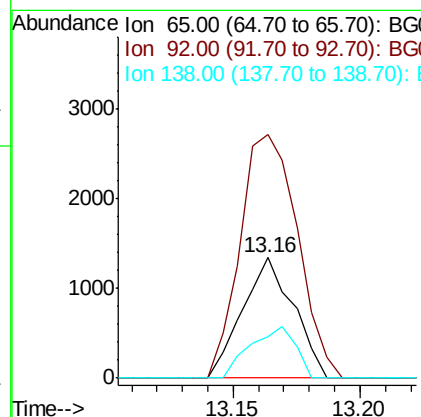
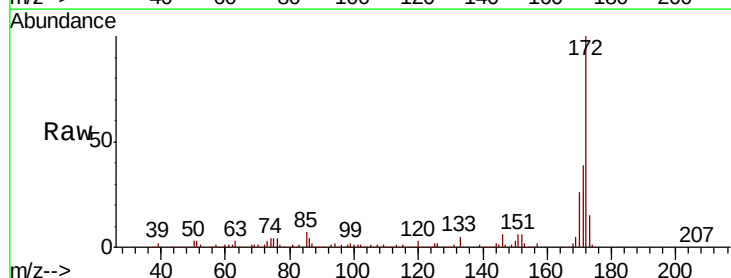
Instrument :
 BNA_G
 ClientSampled :

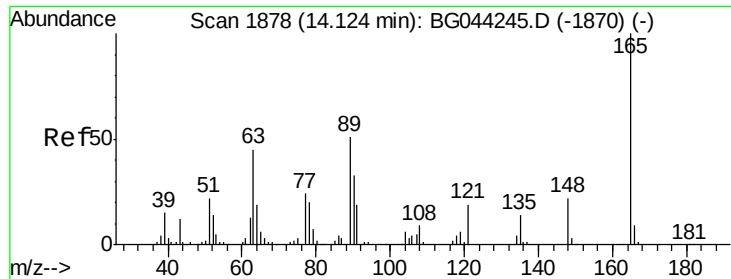
Tot Ion	154	Resp	3179
Ion Ratio	100		
Lower	22.7		
Upper	62.7		
153	29.1		
76	13.8	0.0	32.9



#48
 2-Nitroaniline
 Concen: 0.548 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.45 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Tgt Ion	65	Resp	1887
Ion Ratio	100		
Lower	60.3		
Upper	90.5#		
92	201.7		
138	34.0	91.9	137.9#

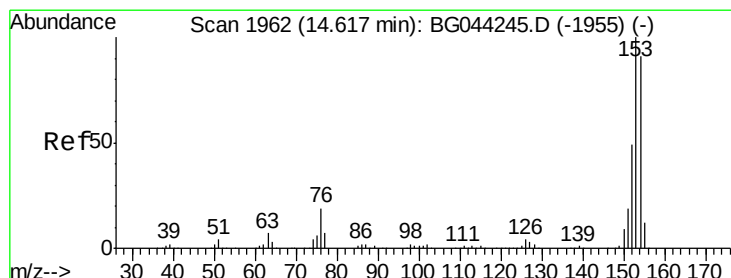
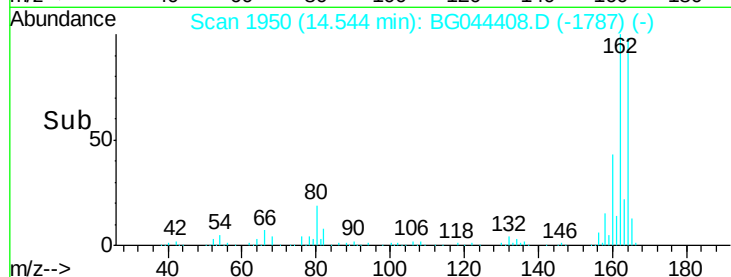
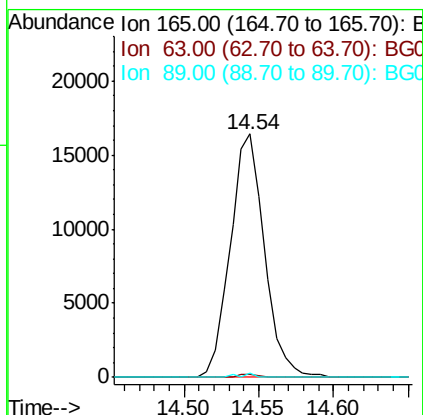
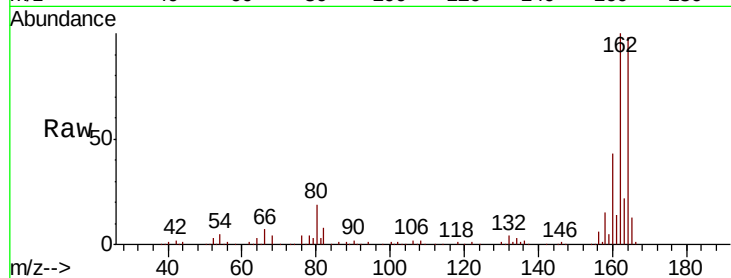




#51
 2,6-Dinitrotoluene
 Concen: 8.040 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. 0.43 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

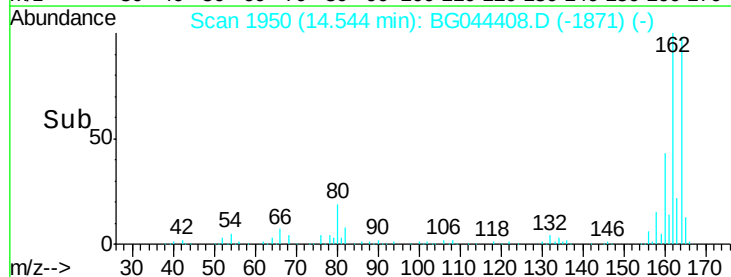
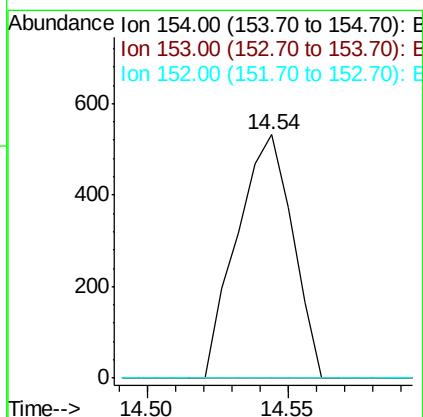
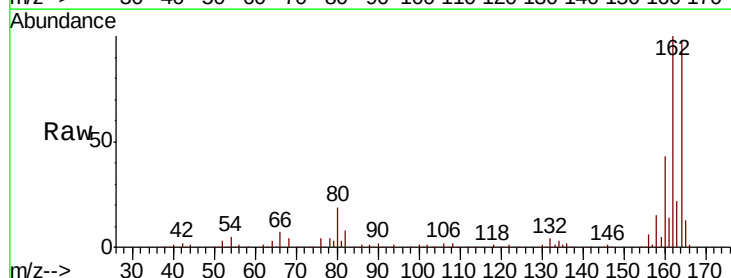
Instrument :
 BNA_G
 ClientSampleId :

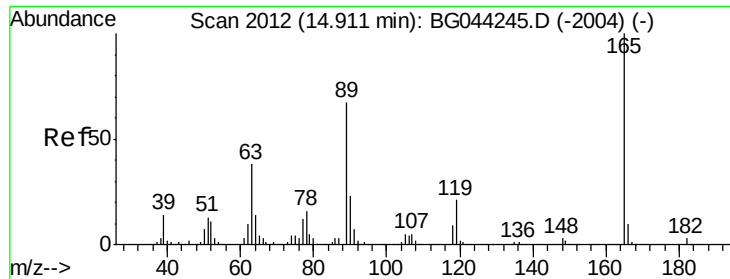
Tot Ion:165 Resp: 26202
 Ion Ratio Lower Upper
 165 100
 63 1.2 38.7 58.1#
 89 1.9 40.4 60.6#



#52
 Acenaphthene
 Concen: 0.065 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. -0.07 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Tgt Ion:154 Resp: 724
 Ion Ratio Lower Upper
 154 100
 153 0.0 87.9 131.9#
 152 0.0 43.1 64.7#

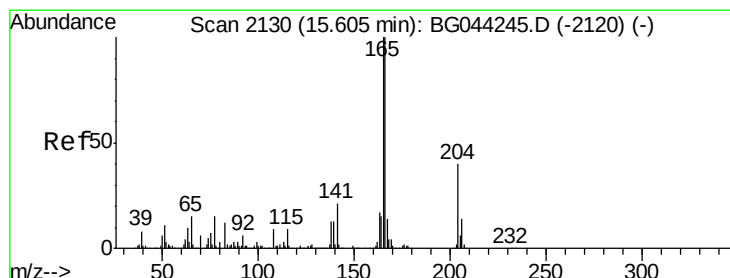
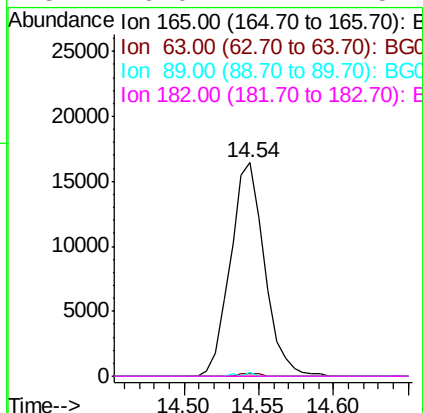
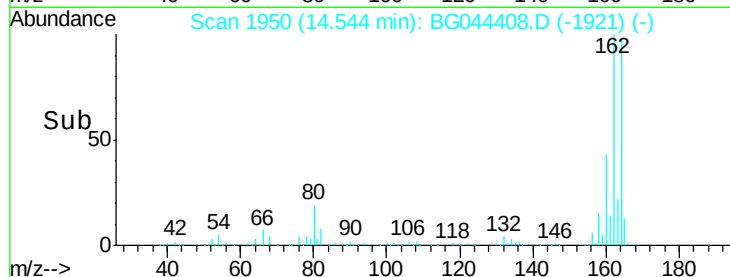
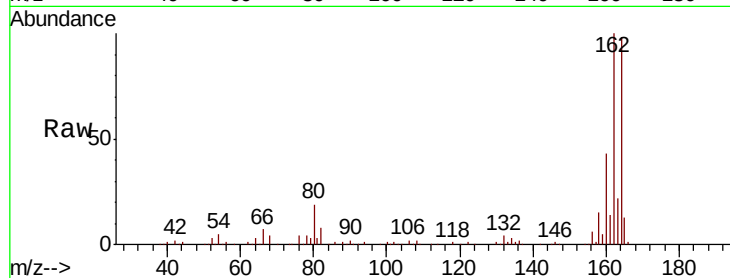




#57
 2,4-Dinitrotoluene
 Concen: 5.736 ng
 RT: 14.54 min Scan# 1950
 Delta R.T. -0.36 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

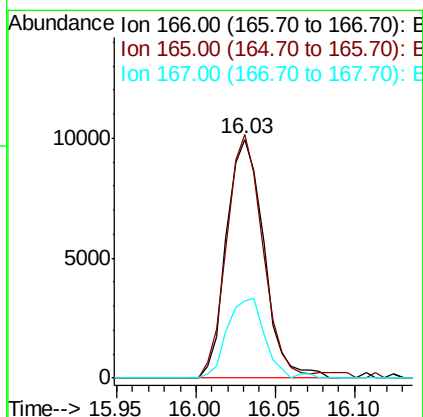
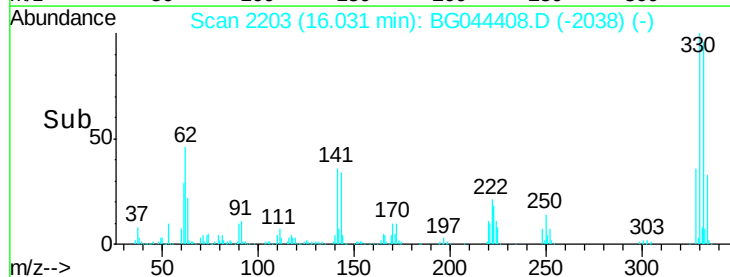
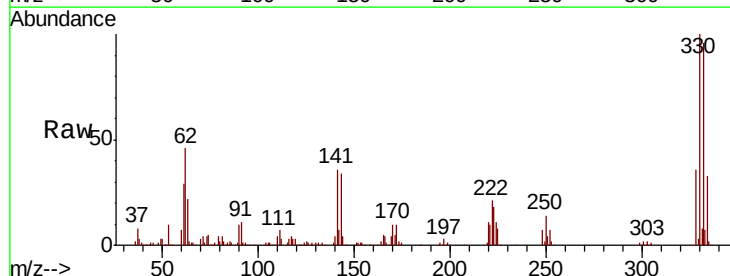
Instrument :
 BNA_G
 ClientSampleId :

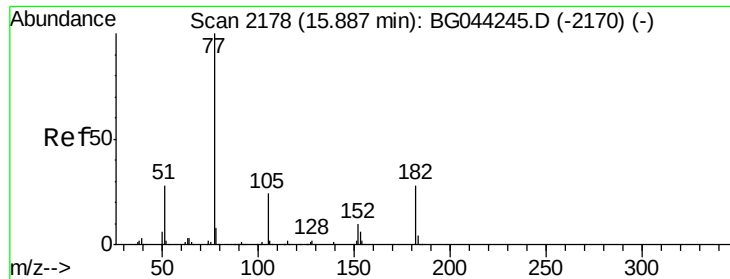
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	30.3	45.5#
89	1.9	53.4	80.2#
182	0.0	2.1	3.1#



#58
 Fluorene
 Concen: 1.228 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.44 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.9	119.9
167	32.1	11.4	17.0#





#63

Azobenzene

Concen: 0.143 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.15 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 1820

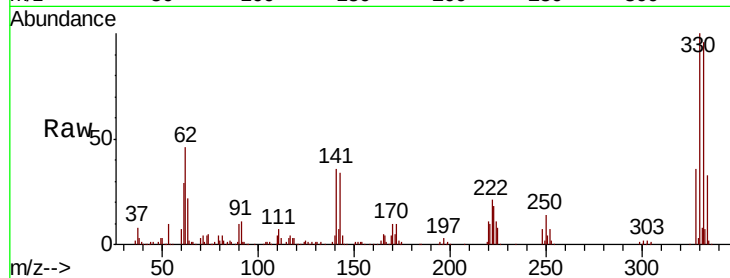
Ion Ratio Lower Upper

77 100

182 0.0 8.2 48.2#

105 98.7 3.6 43.6#

51 72.4 8.3 48.3#

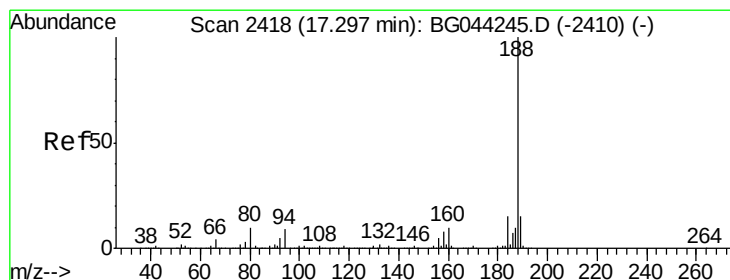
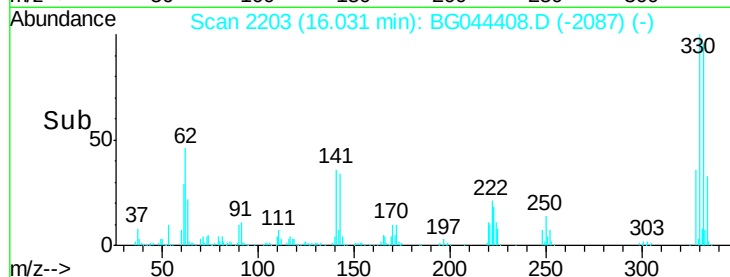
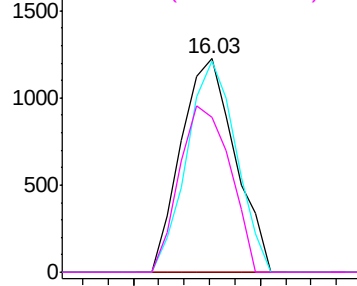


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.29 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

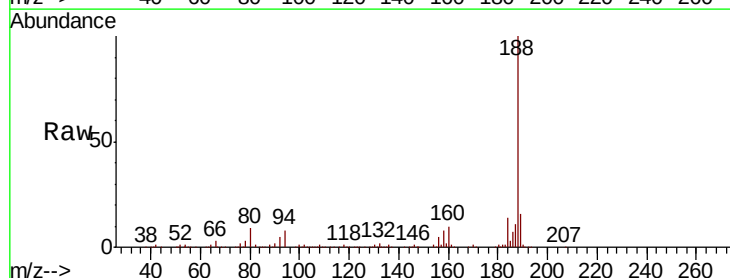
Tgt Ion: 188 Resp: 480927

Ion Ratio Lower Upper

188 100

94 8.3 7.4 11.2

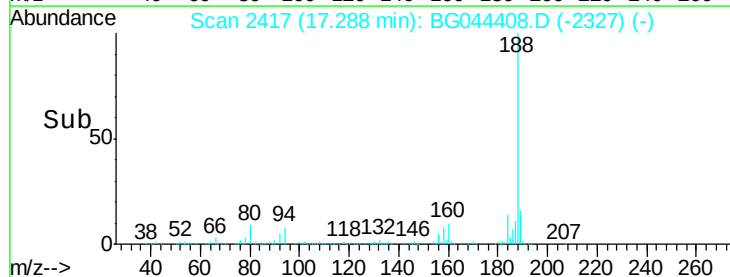
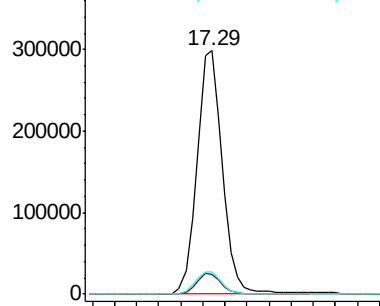
80 9.4 7.7 11.5

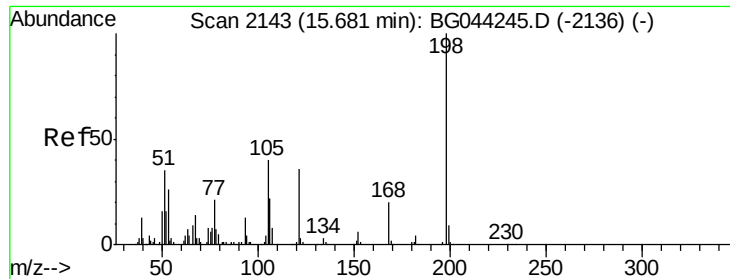


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

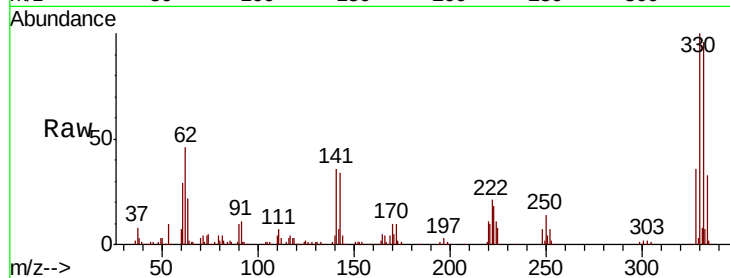




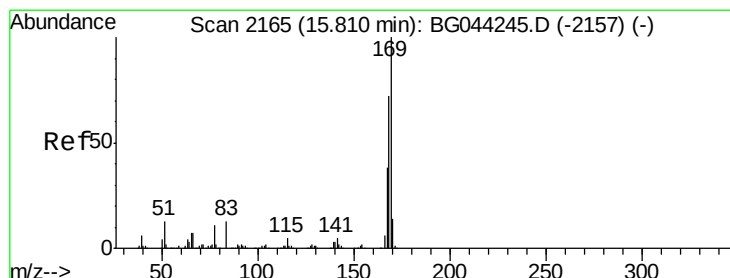
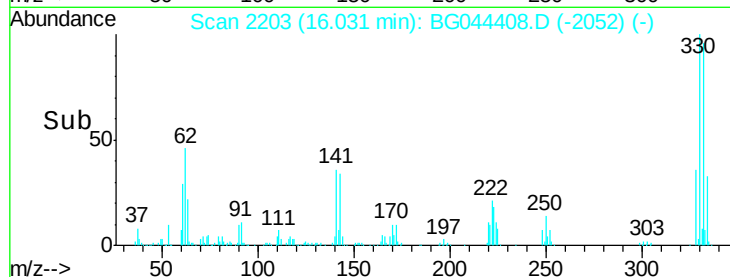
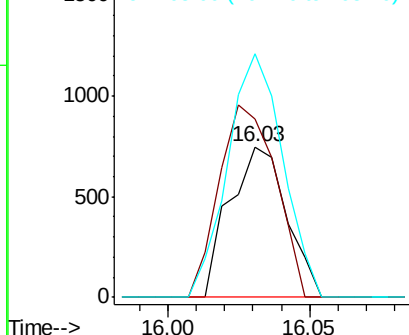
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.396 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.36 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 1050
 Ion Ratio Lower Upper
 198 100
 51 118.4 16.6 56.6#
 105 161.4 20.6 60.6#

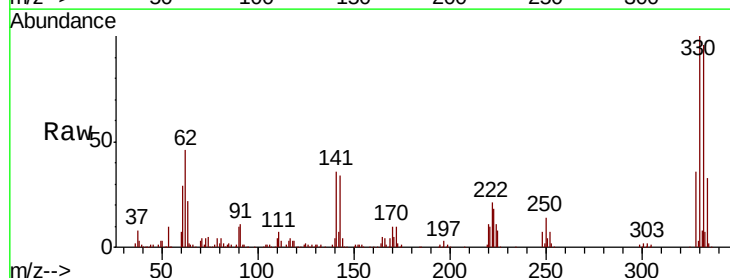


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

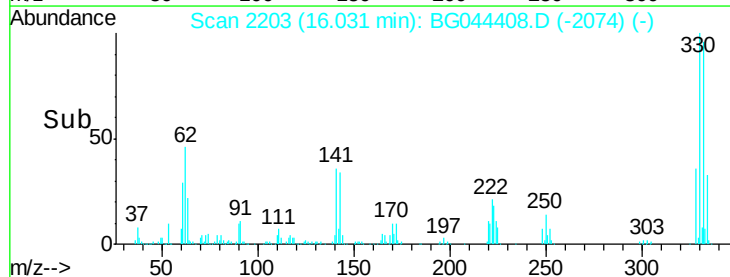
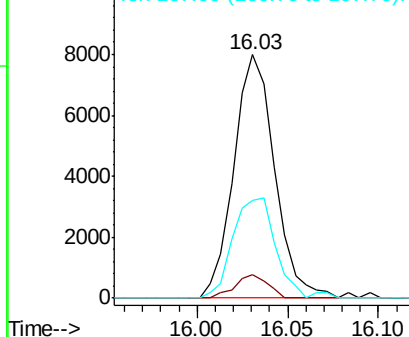


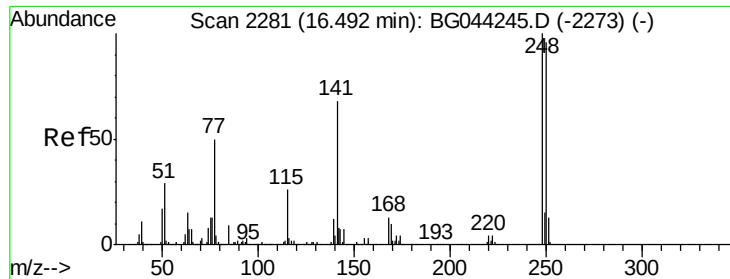
#66
 n-Nitrosodiphenylamine
 Concen: 0.928 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. 0.23 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Tgt Ion:169 Resp: 12513
 Ion Ratio Lower Upper
 169 100
 168 9.8 57.9 86.9#
 167 40.0 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

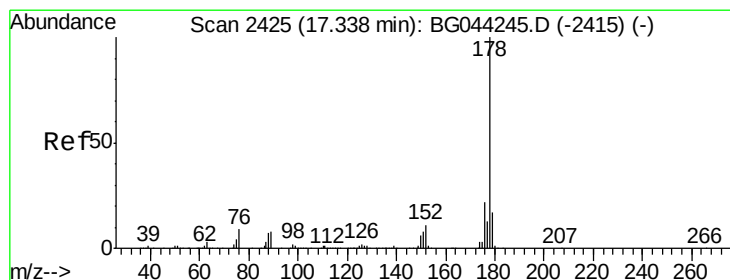
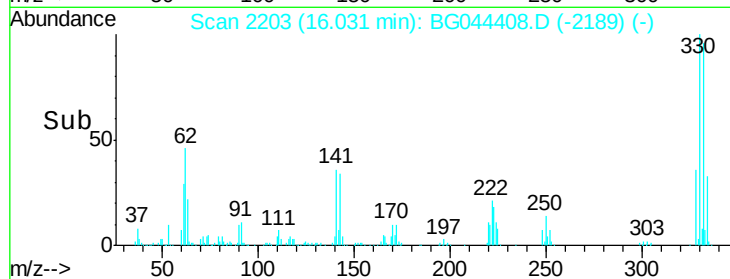
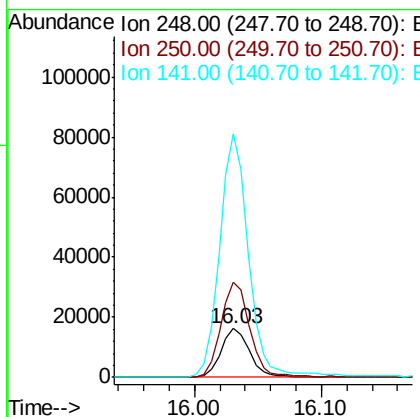
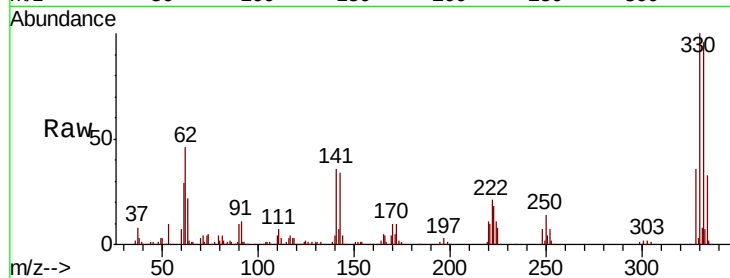




#67
 4-Bromophenyl-phenylether
 Concen: 4.831 ng
 RT: 16.03 min Scan# 2203
 Delta R.T. -0.45 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

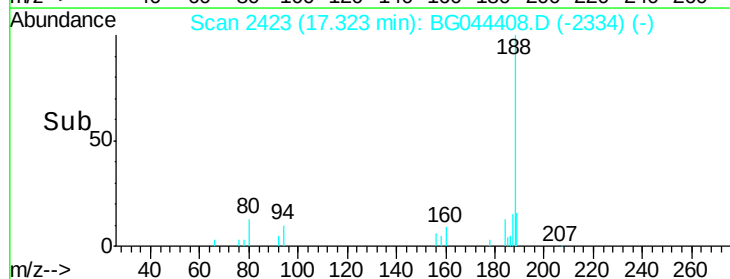
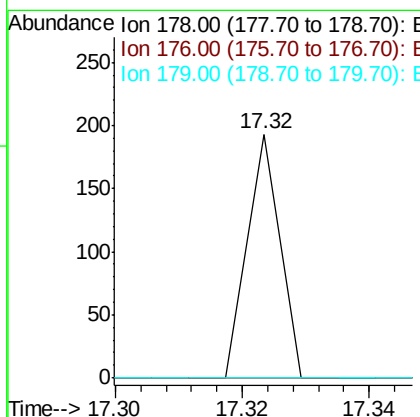
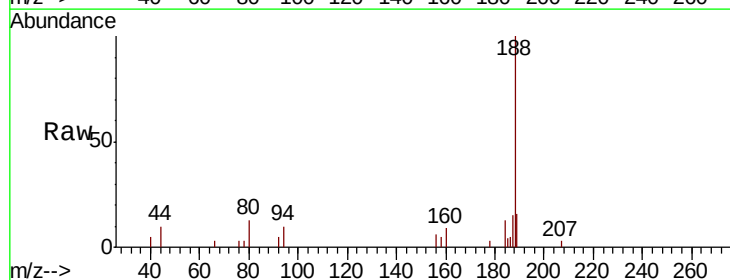
Instrument :
 BNA_G
 ClientSampled :

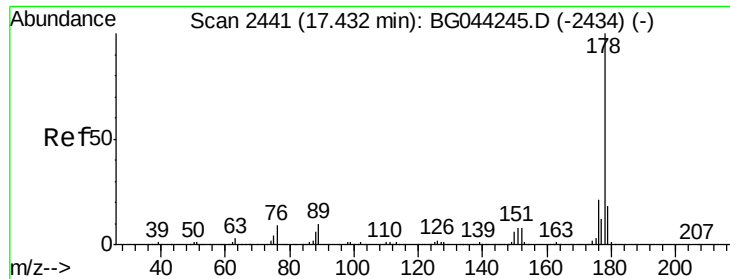
Tot Ion:248 Resp: 25312
 Ion Ratio Lower Upper
 248 100
 250 195.0 76.6 114.8#
 141 502.0 54.7 82.1#



#71
 Phenanthrene
 Concen: 0.003 ng
 RT: 17.32 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Tgt Ion:178 Resp: 68
 Ion Ratio Lower Upper
 178 100
 176 0.0 17.7 26.5#
 179 0.0 13.7 20.5#





#72

Anthracene

Concen: 0.003 ng

RT: 17.32 min Scan# 2423

Delta R.T. -0.10 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampled :

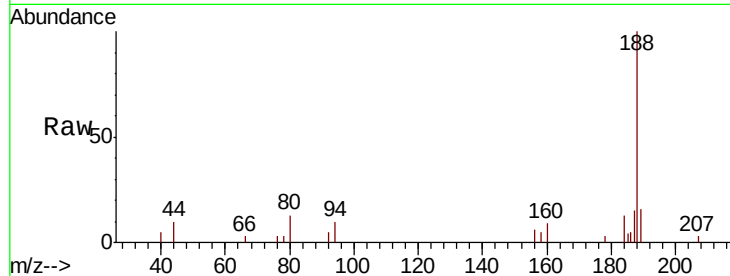
Tot Ion:178 Resp: 68

Ion Ratio Lower Upper

178 100

176 0.0 17.0 25.4#

179 0.0 14.4 21.6#

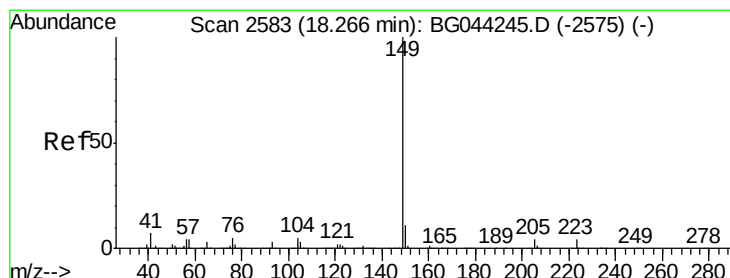
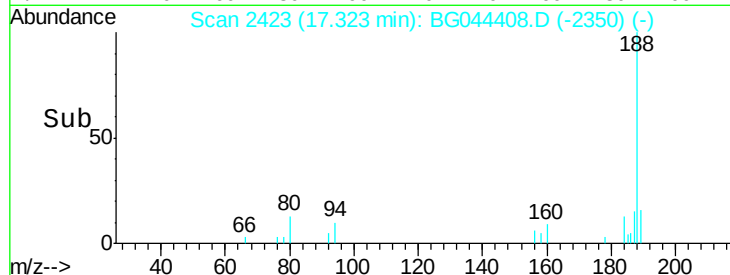


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time--> 17.30 17.32 17.34



#74

Di-n-butylphthalate

Concen: 0.009 ng

RT: 18.28 min Scan# 2585

Delta R.T. 0.02 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

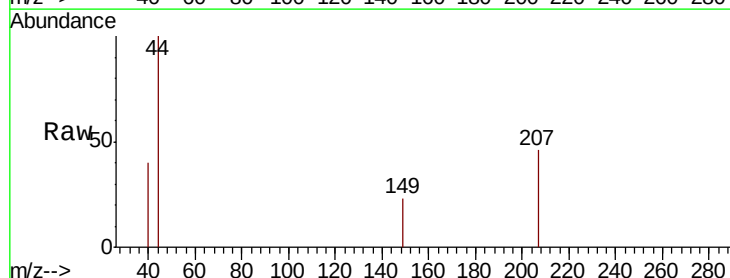
Tgt Ion:149 Resp: 230

Ion Ratio Lower Upper

149 100

150 0.0 8.7 13.1#

104 0.0 4.3 6.5#

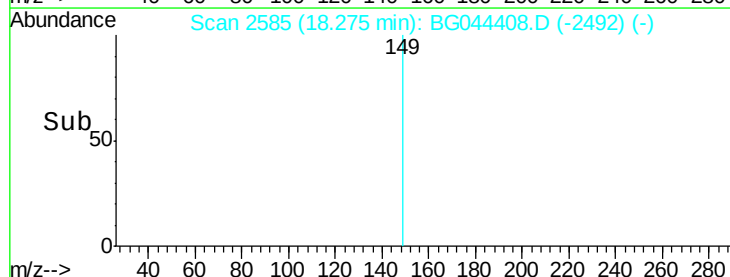


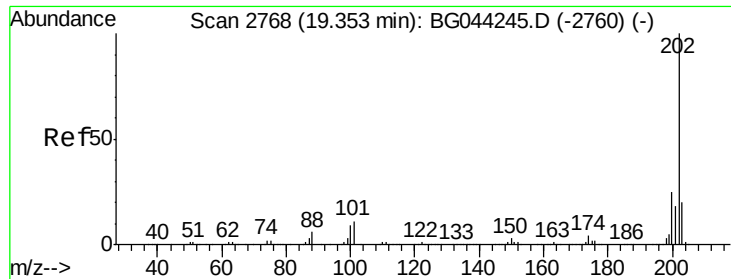
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 18.24 18.26 18.28 18.30

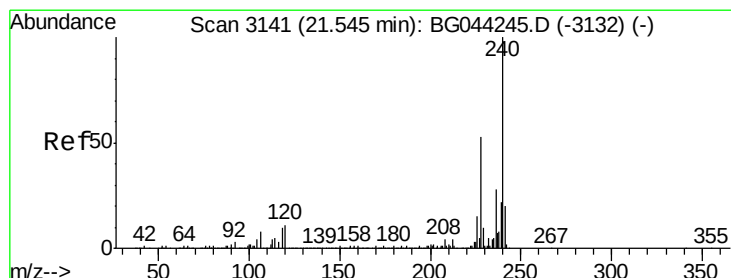
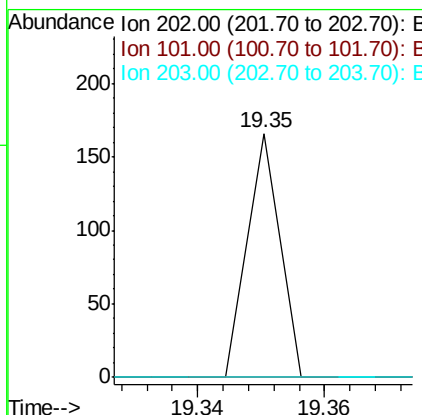
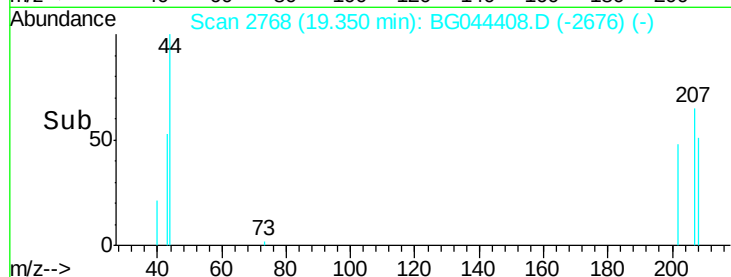
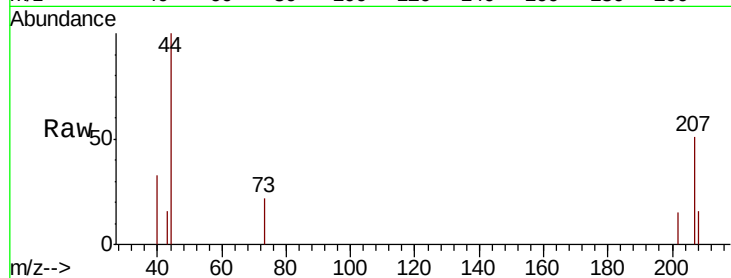




#75
 Fluoranthene
 Concen: 0.002 ng
 RT: 19.35 min Scan# 2768
 Delta R.T. 0.01 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

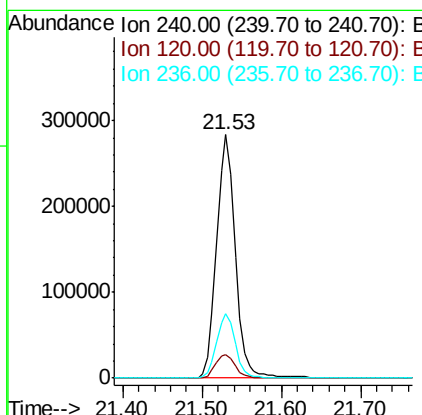
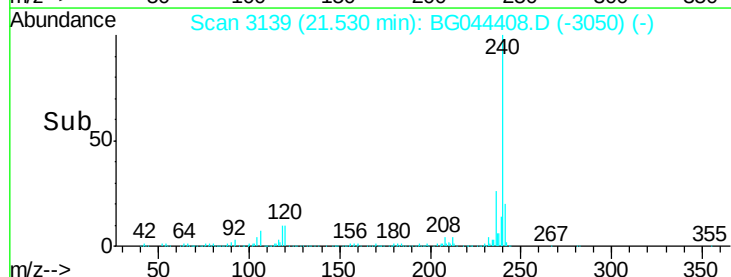
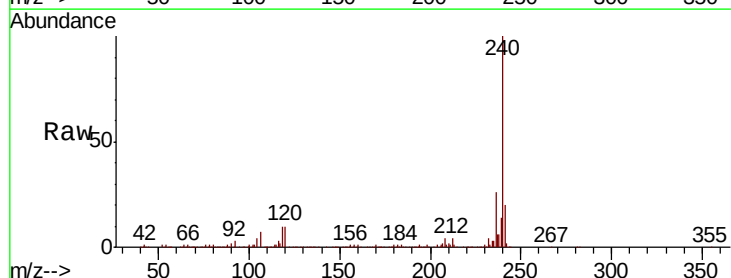
Instrument :
 BNA_G
 ClientSampleId :

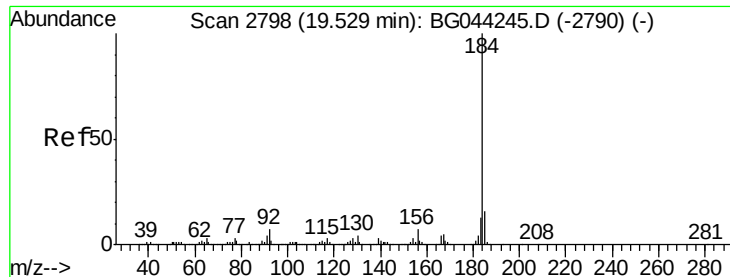
Tot Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.3
203	0.0	0.0	39.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	26.3	22.1	33.1





#77

Benzidine

Concen: 2.648 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.38 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

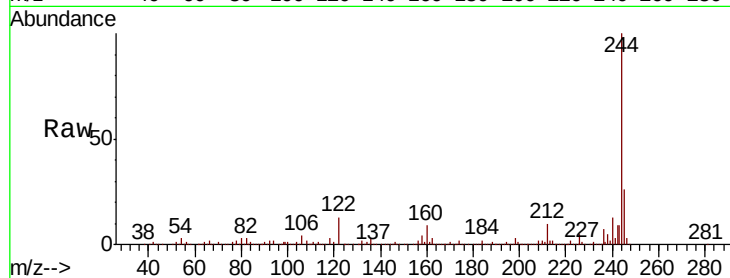
Tot Ion:184 Resp: 34293

Ion Ratio Lower Upper

184 100

185 14.4 12.9 19.3

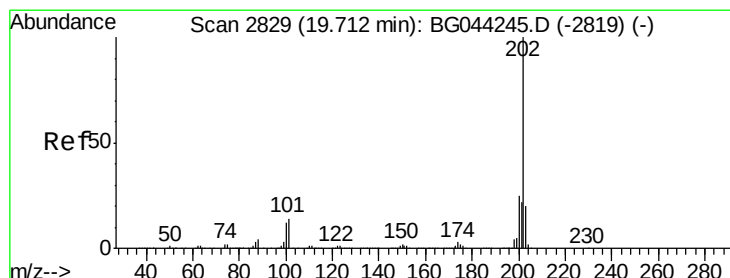
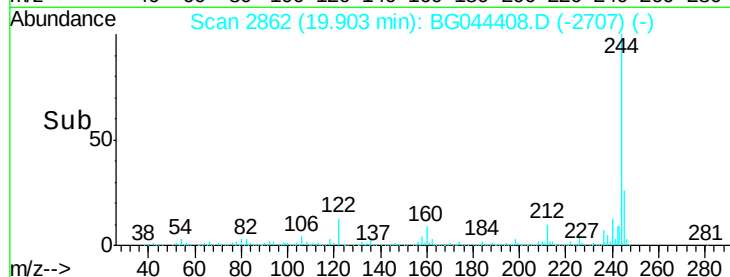
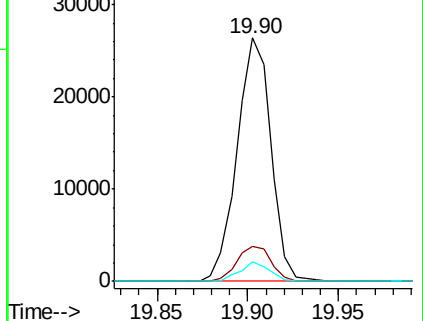
183 8.3 10.8 16.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 0.259 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.20 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

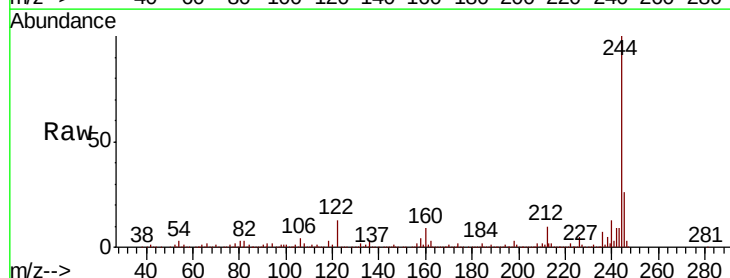
Tgt Ion:202 Resp: 7770

Ion Ratio Lower Upper

202 100

200 45.7 20.0 30.0#

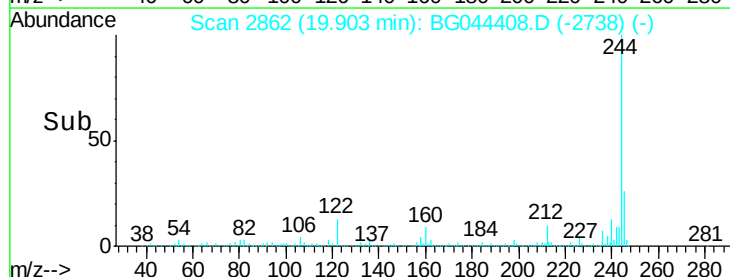
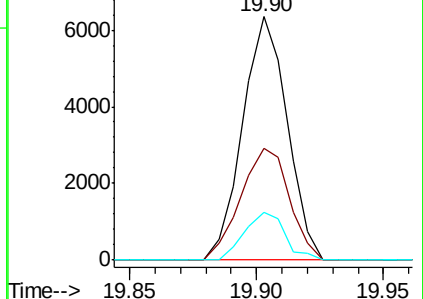
203 19.5 16.2 24.2

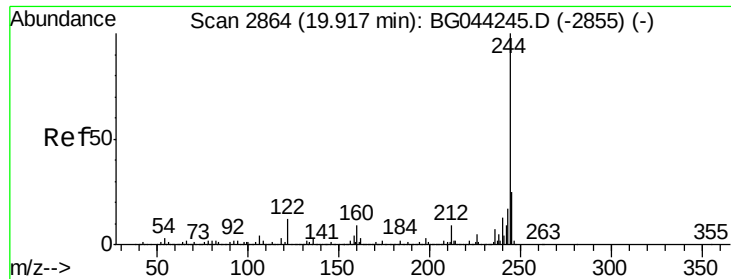


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.491 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

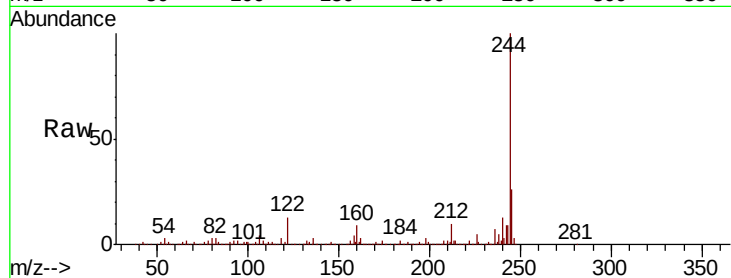
Tot Ion:244 Resp: 2054231

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.2

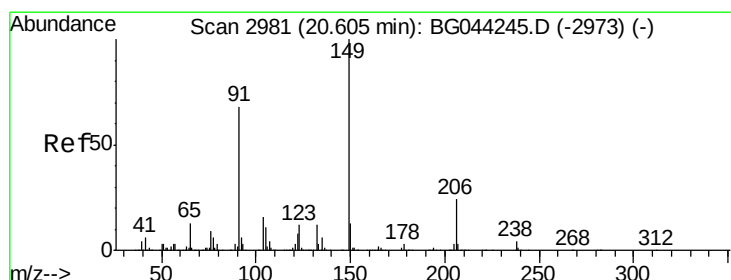
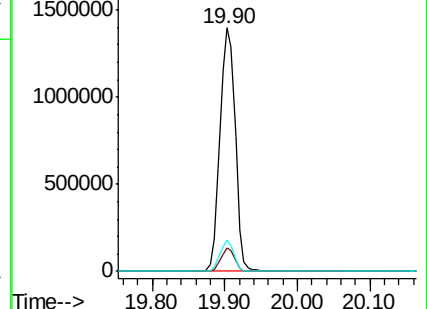
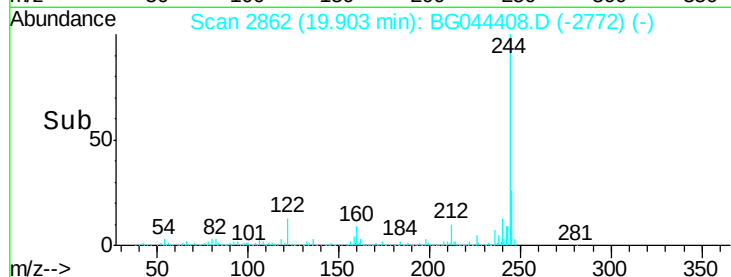
122 12.7 9.8 14.6



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: 0.012 ng

RT: 20.58 min Scan# 2978

Delta R.T. -0.01 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

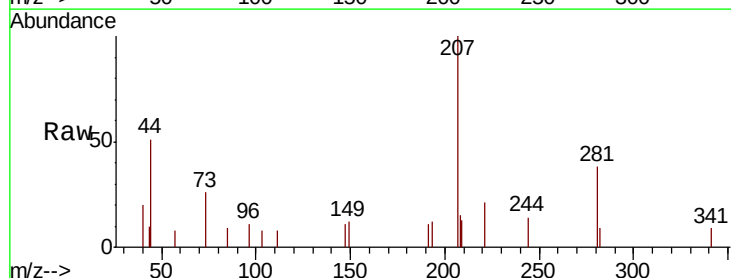
Tgt Ion:149 Resp: 163

Ion Ratio Lower Upper

149 100

91 0.0 54.5 81.7#

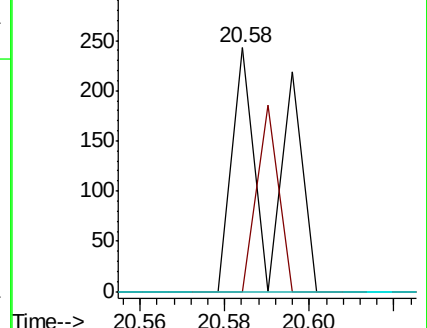
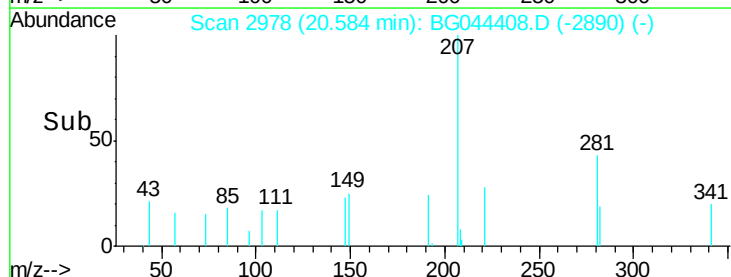
206 0.0 19.1 28.7#

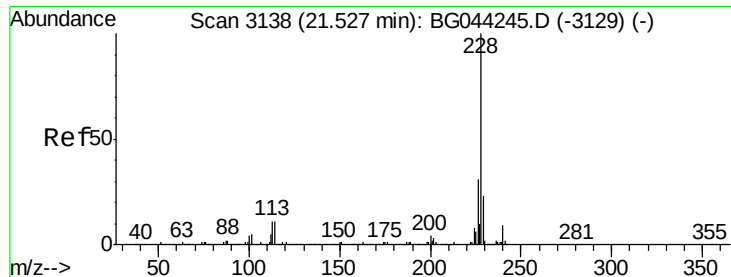


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 0.076 ng

RT: 21.53 min Scan# 3139

Delta R.T. 0.02 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampled :

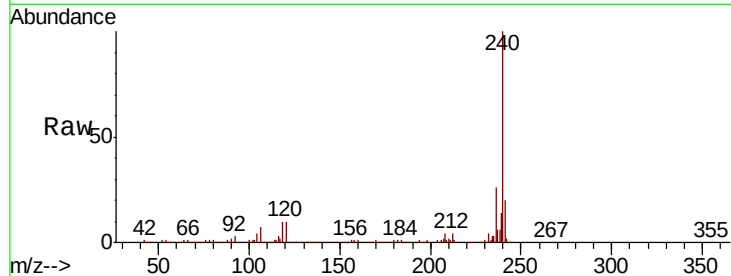
Tot Ion:228 Resp: 2182

Ion Ratio Lower Upper

228 100

226 14.1 24.7 37.1#

229 36.8 18.2 27.4#

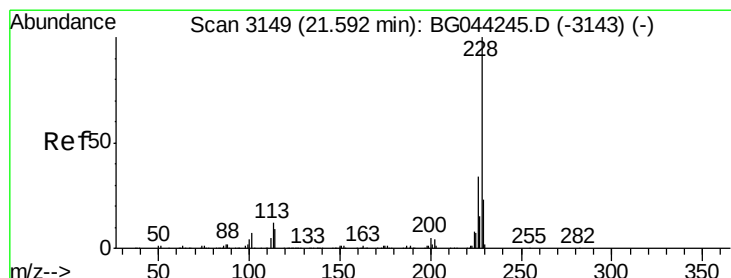
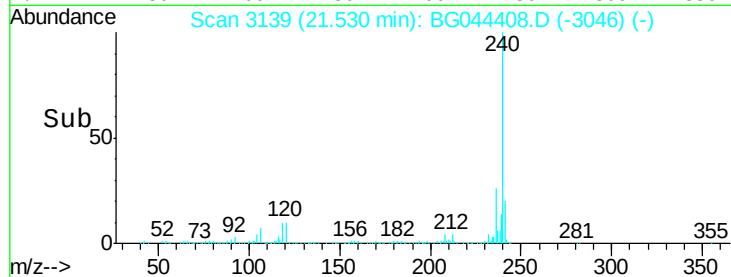
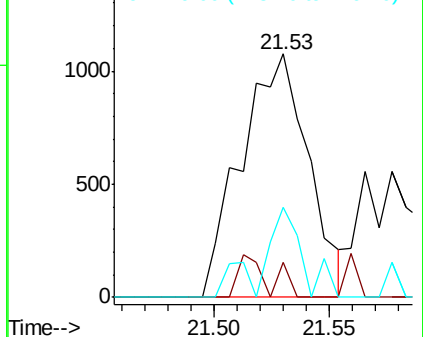


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 0.033 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

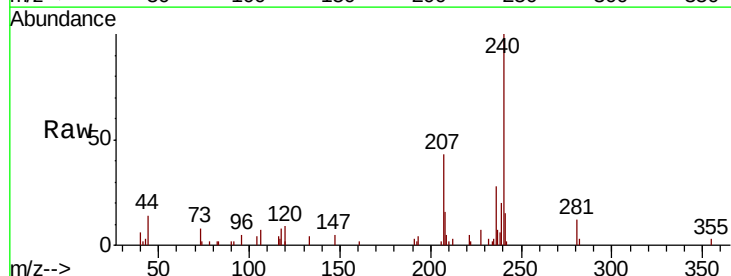
Tgt Ion:228 Resp: 918

Ion Ratio Lower Upper

228 100

226 0.0 27.1 40.7#

229 0.0 17.9 26.9#

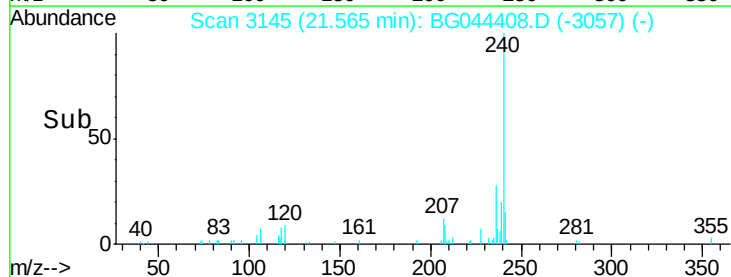
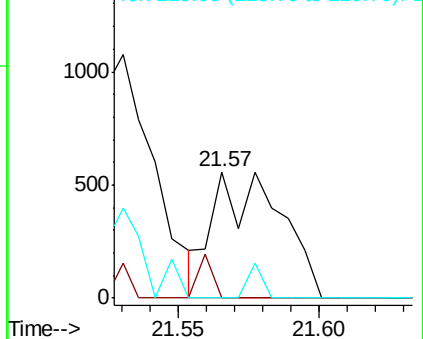


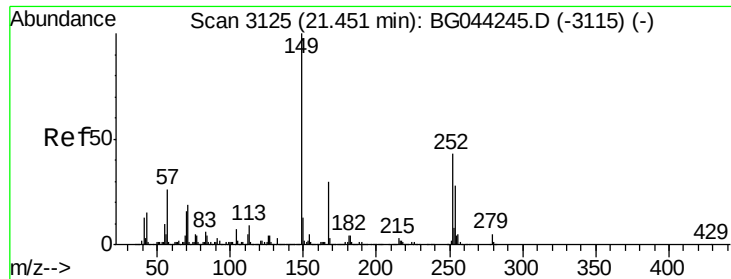
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.024 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

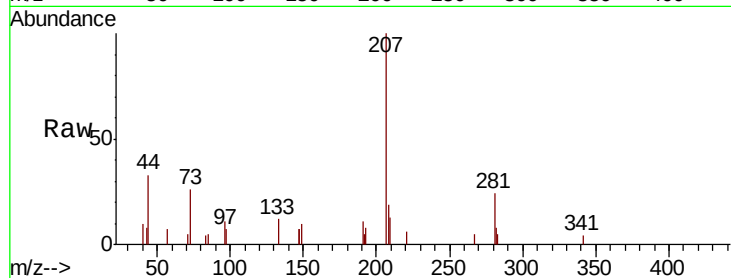
Tot Ion:149 Resp: 446

Ion Ratio Lower Upper

149 100

167 0.0 24.0 36.0#

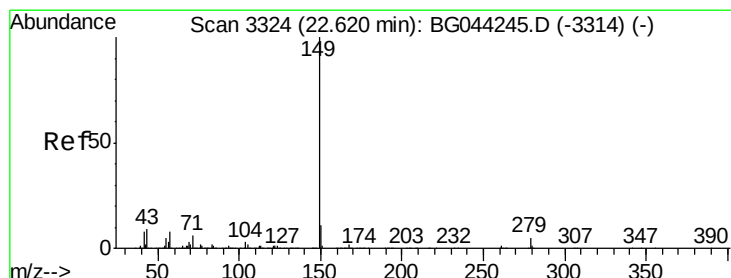
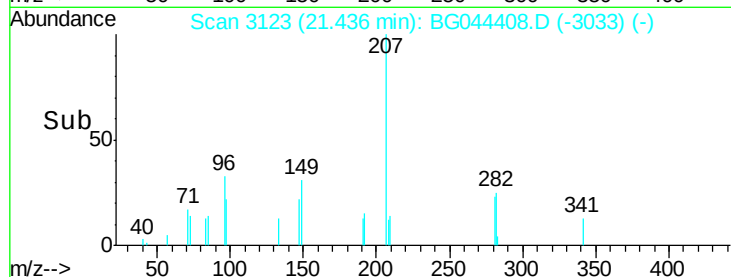
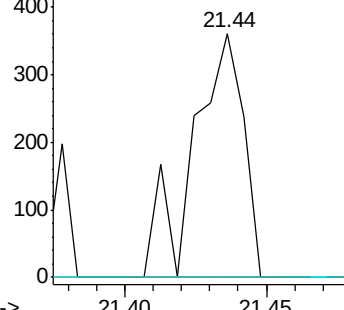
279 0.0 3.8 5.8#



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: 0.027 ng

RT: 22.59 min Scan# 3319

Delta R.T. -0.02 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

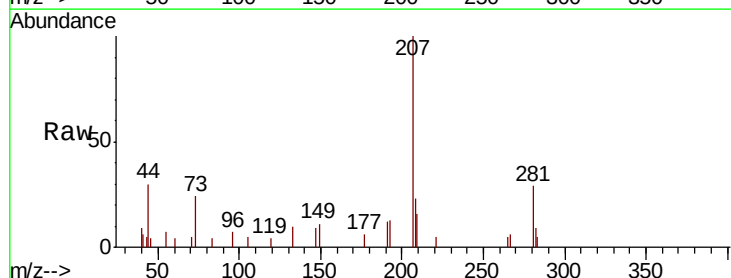
Tgt Ion:149 Resp: 871

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

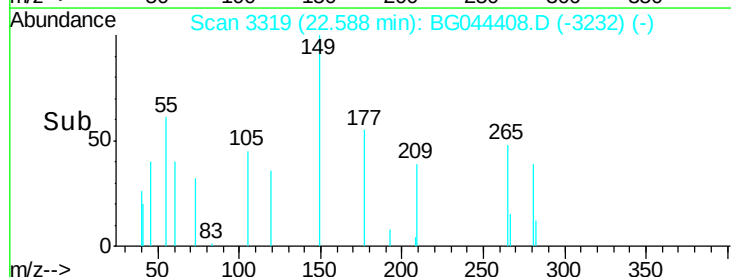
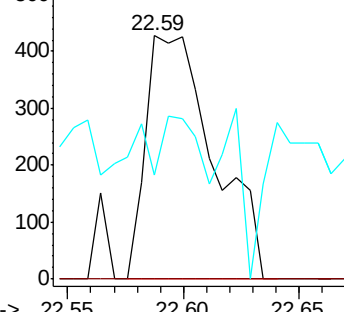
43 0.0 7.4 11.0#

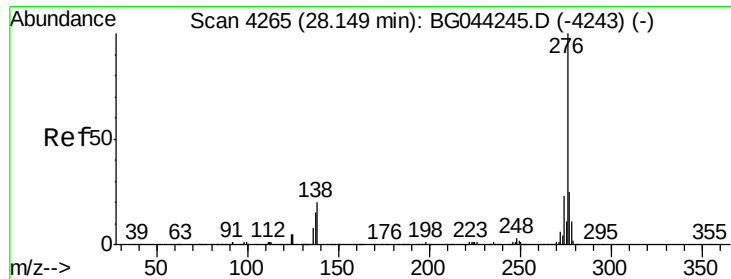


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

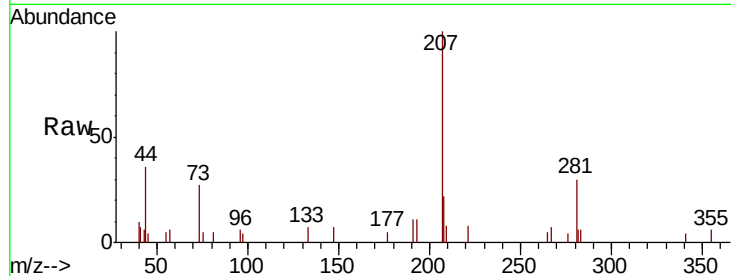




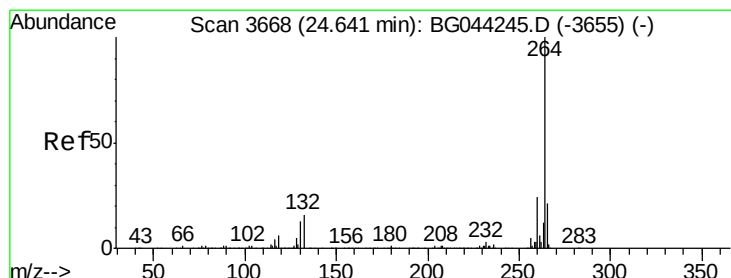
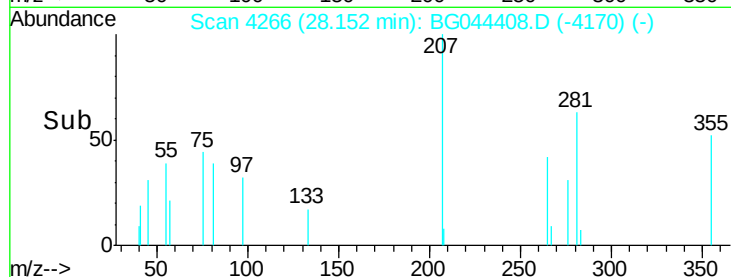
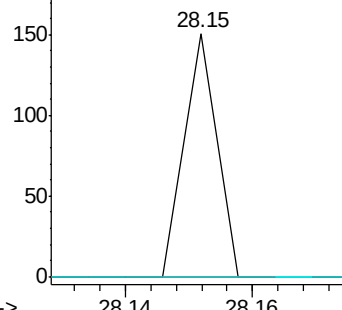
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.001 ng
 RT: 28.15 min Scan# 4266
 Delta R.T. 0.03 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.4	29.0#
277	0.0	21.0	31.6#

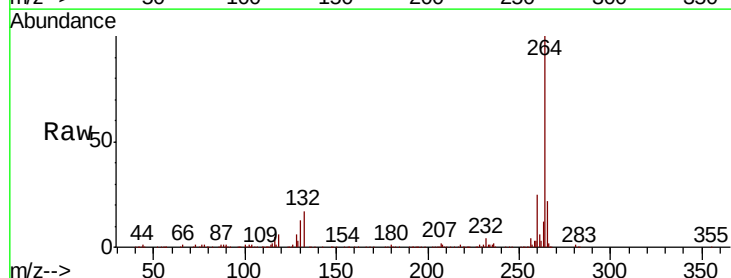


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

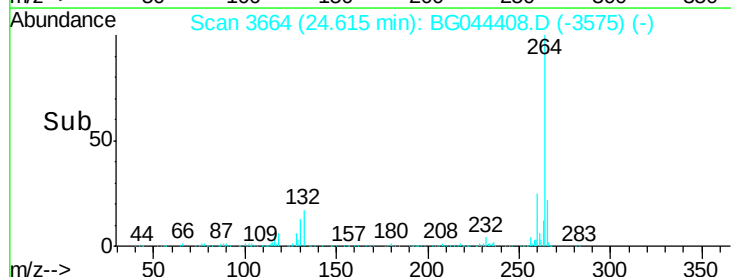
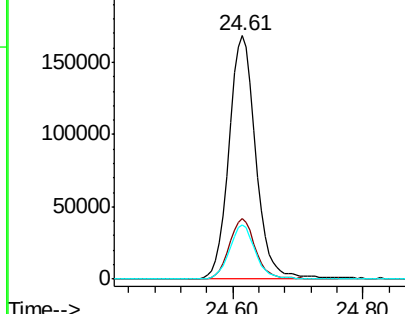


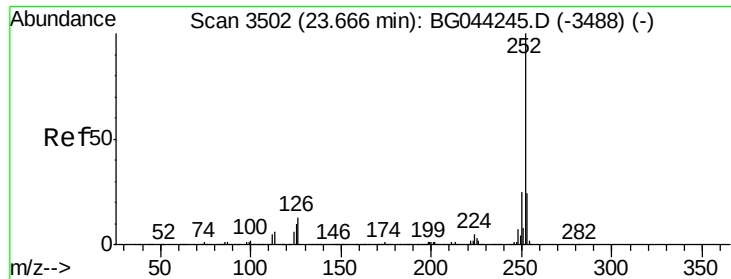
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.61 min Scan# 3664
 Delta R.T. -0.01 min
 Lab File: BG044408.D
 Acq: 12 Feb 2020 14:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.4	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

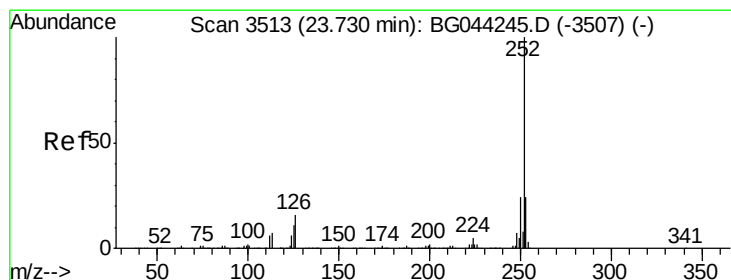
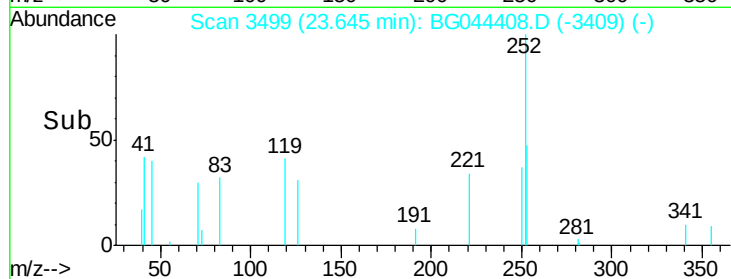
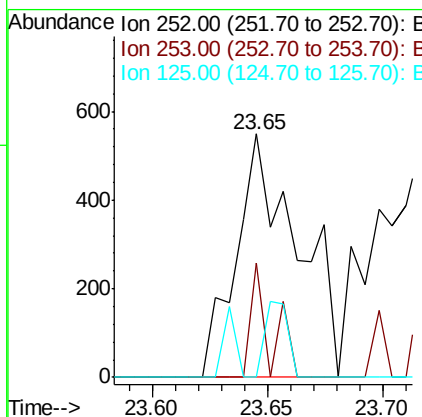
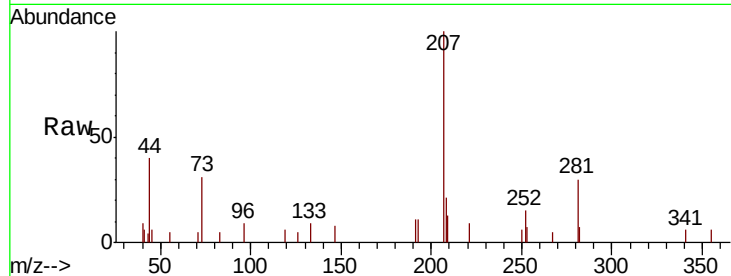




#88
Benzo(b)fluoranthene
Concen: 0.037 ng
RT: 23.65 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

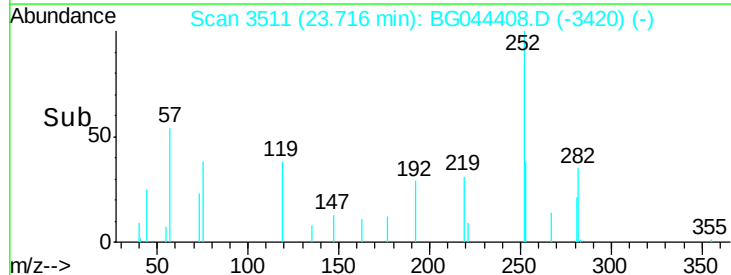
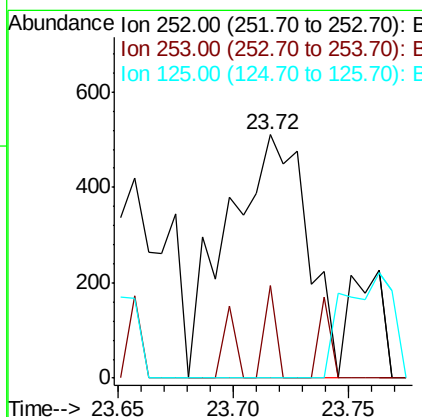
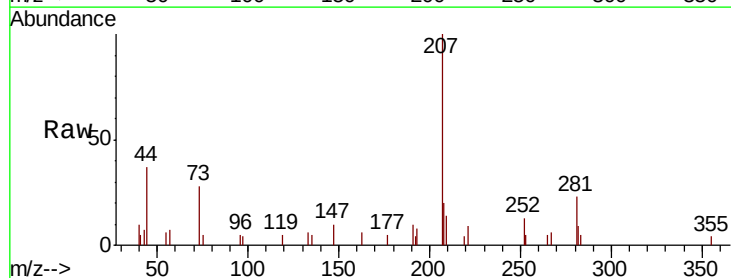
Instrument :
BNA_G
ClientSampleId :

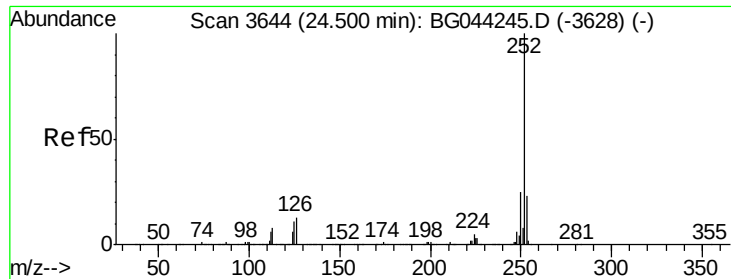
Tot Ion:252 Resp: 1017
Ion Ratio Lower Upper
252 100
253 47.2 19.2 28.8#
125 0.0 8.4 12.6#



#89
Benzo(k)fluoranthene
Concen: 0.045 ng
RT: 23.72 min Scan# 3511
Delta R.T. 0.01 min
Lab File: BG044408.D
Acq: 12 Feb 2020 14:33

Tgt Ion:252 Resp: 1224
Ion Ratio Lower Upper
252 100
253 38.2 19.1 28.7#
125 0.0 8.6 12.8#





#90

Benzo(a)pyrene

Concen: 0.040 ng

RT: 24.46 min Scan# 3637

Delta R.T. -0.02 min

Lab File: BG044408.D

Acq: 12 Feb 2020 14:33

Instrument :

BNA_G

ClientSampleId :

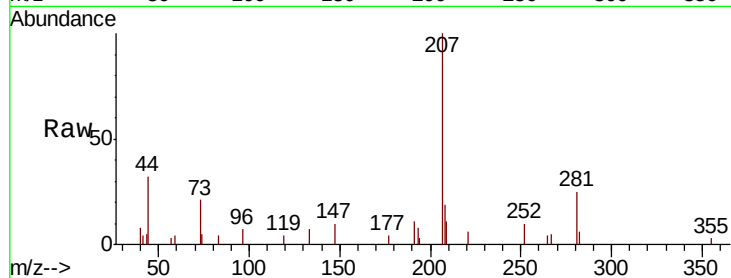
Tot Ion: 252 Resp: 1058

Ion Ratio Lower Upper

252 100

253 0.0 18.1 27.1#

125 0.0 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

