

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022520\
 Data File : BG044582.D
 Acq On : 25 Feb 2020 18:36
 Operator : CG/JU
 Sample : PB127067BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 26 05:00:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	60978	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	237523	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	152398	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	375830	20.00	ng	0.00
76) Chrysene-d12	21.50	240	383969	20.00	ng	0.00
87) Perylene-d12	24.57	264	398978	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	509749	134.13	ng	0.00
7) Phenol-d6	7.05	99	638509	122.74	ng	0.00
23) Nitrobenzene-d5	9.03	82	383766	83.24	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	281863	130.44	ng	0.00
45) 2-Fluorobiphenyl	13.13	172	905609	85.09	ng	0.00
79) Terphenyl-d14	19.88	244	1648518	81.28	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	56	0.034	ng	# 24
4) n-Nitrosodimethylamine	3.65	42	184	0.105	ng	# 1
9) Benzaldehyde	7.05	77	877	0.287	ng	# 1
15) Benzyl Alcohol	8.20	79	6153	1.754	ng	# 41
17) 2-Methylphenol	8.20	107	58	0.016	ng	# 1
19) n-Nitroso-di-n-propylamine	9.03	70	48850	14.609	ng	# 77
20) 3+4-Methylphenols	8.20	107	58	0.012	ng	# 1
24) Nitrobenzene	9.03	77	1160	0.260	ng	# 26
25) Isophorone	9.58	82	213	0.025	ng	# 65
46) 1,1'-Biphenyl	13.35	154	2152	0.171	ng	# 84
48) 2-Nitroaniline	13.13	65	1386	0.505	ng	# 5
51) 2,6-Dinitrotoluene	14.52	165	19906	7.338	ng	# 30
52) Acenaphthene	14.52	154	467	0.050	ng	# 5
57) 2,4-Dinitrotoluene	14.52	165	19906	5.219	ng	# 28
58) Fluorene	16.00	166	11686	1.033	ng	# 92
63) Azobenzene	16.00	77	1182	0.114	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.00	198	856	0.368	ng	# 1
66) n-Nitrosodiphenylamine	16.01	169	9427	0.804	ng	# 46
67) 4-Bromophenyl-phenylether	16.01	248	18806	4.031	ng	# 1
74) Di-n-butylphthalate	18.24	149	258	0.011	ng	# 77
75) Fluoranthene	19.68	202	53	0.002	ng	# 62
77) Benzidine	19.88	184	25016	1.902	ng	# 91
78) Pyrene	19.88	202	5939	0.213	ng	# 70
80) Butylbenzylphthalate	20.57	149	67	0.005	ng	# 26
81) Benzo(a)anthracene	21.50	228	1205	0.045	ng	# 91
82) 3,3'-Dichlorobenzidine	21.42	252	56	0.005	ng	# 25
83) Chrysene	21.55	228	328	0.013	ng	# 47
84) Bis(2-ethylhexyl)phthalate	21.41	149	2531	0.151	ng	# 84
85) Di-n-octyl phthalate	22.56	149	1251	0.042	ng	# 80
88) Benzo(b)fluoranthene	23.61	252	742	0.028	ng	# 30
89) Benzo(k)fluoranthene	23.67	252	550	0.022	ng	# 24
90) Benzo(a)pyrene	24.43	252	348	0.014	ng	# 58

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QLast Update : Mon Feb 24 16:11:23 2020
Response via : Initial Calibration

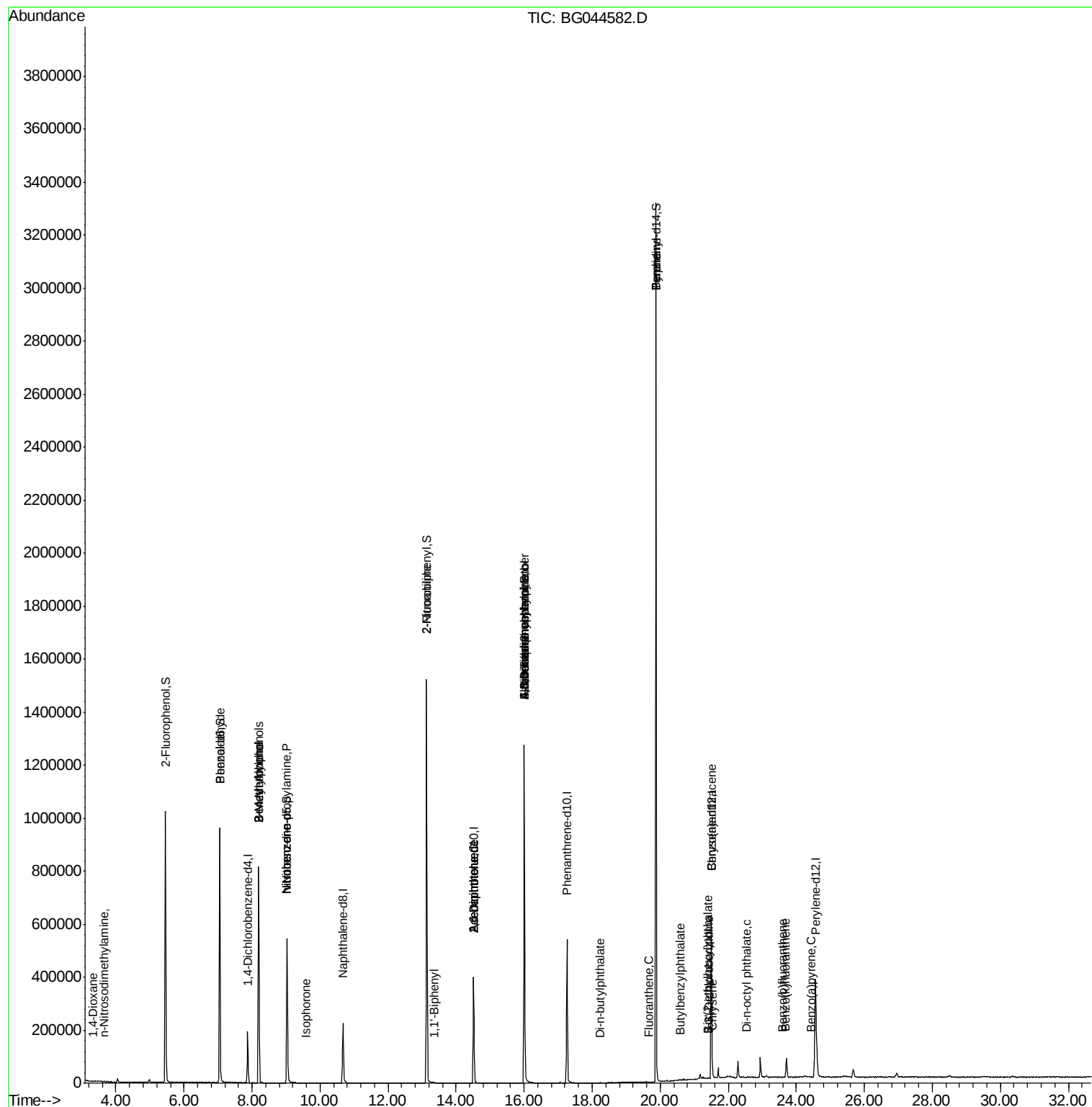
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

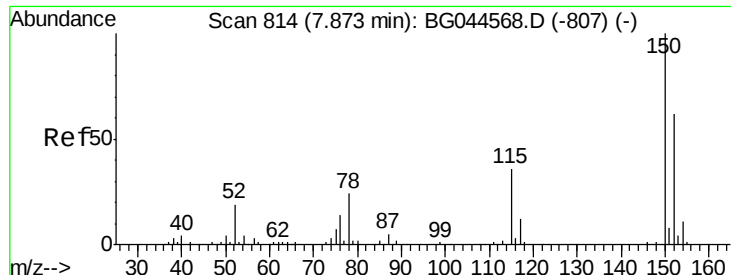
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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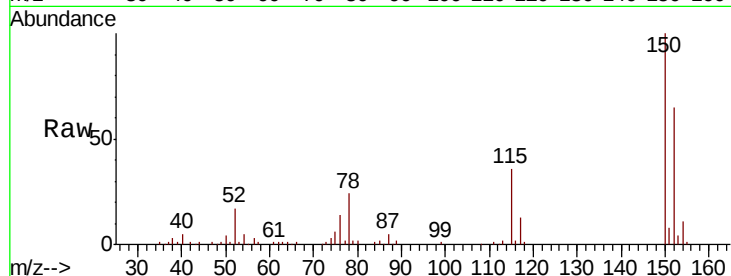


#1

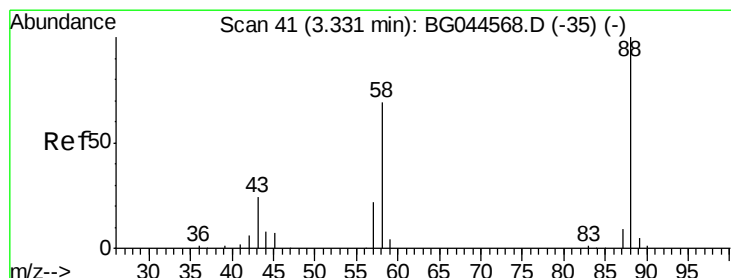
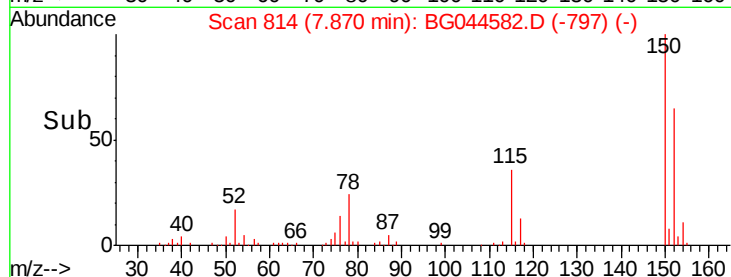
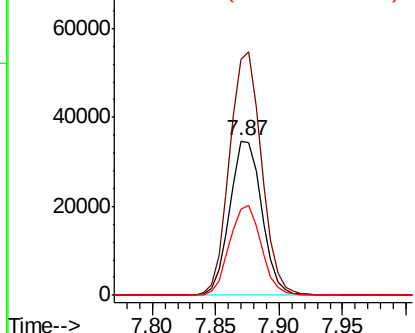
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.87 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG044582.D
 Acq: 25 Feb 2020 18:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 60978
 Ion Ratio Lower Upper
 152 100
 150 153.1 128.9 193.3
 115 55.7 47.0 70.4



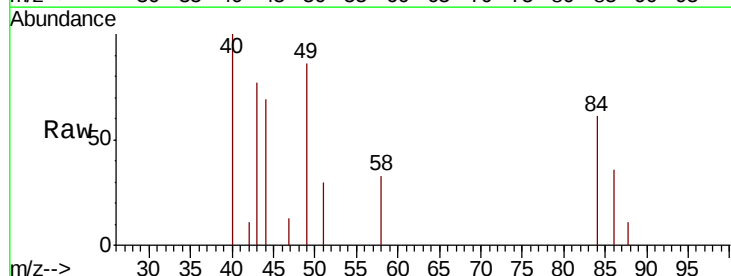
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



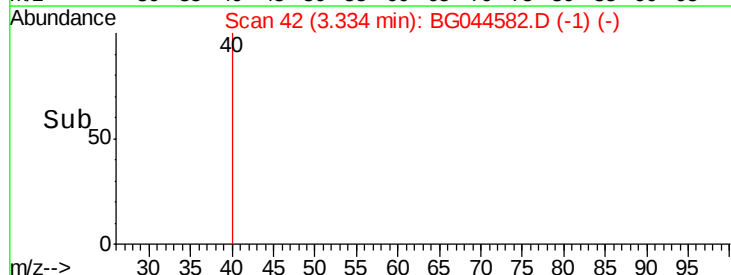
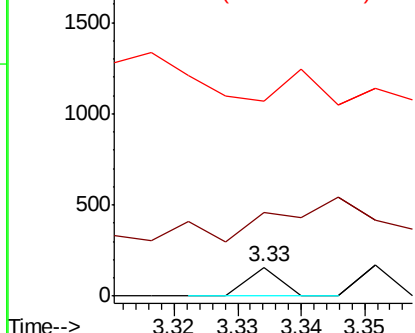
#2

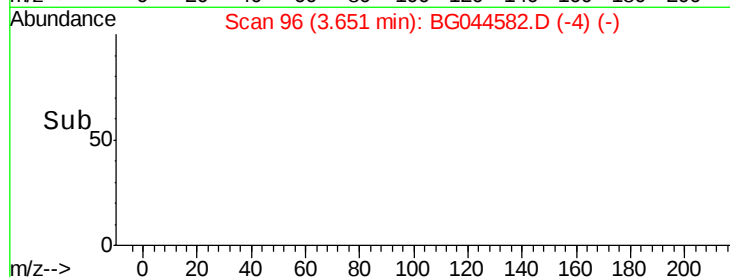
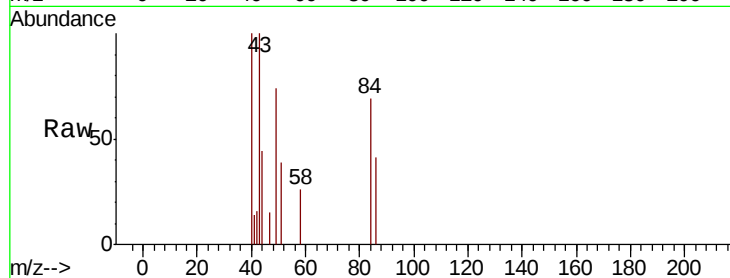
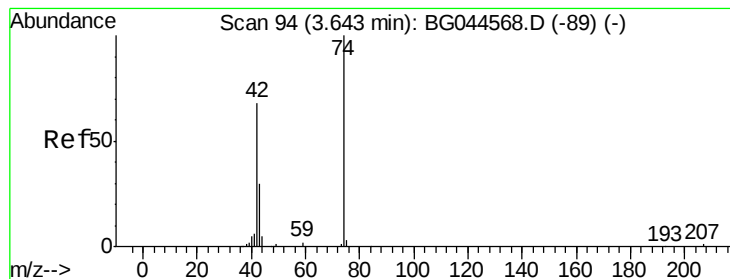
1,4-Dioxane
 Concen: 0.034 ng
 RT: 3.33 min Scan# 42
 Delta R.T. 0.00 min
 Lab File: BG044582.D
 Acq: 25 Feb 2020 18:36

Tgt Ion: 88 Resp: 56
 Ion Ratio Lower Upper
 88 100
 58 0.0 55.8 83.8#
 43 0.0 20.6 31.0#



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





#4

n-Nitrosodimethylamine

Concen: 0.105 ng

RT: 3.65 min Scan# 96

Delta R.T. 0.01 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampled :

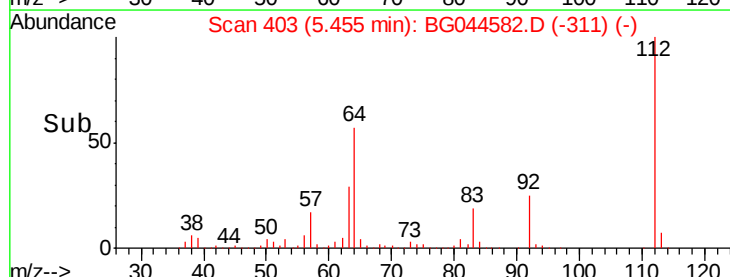
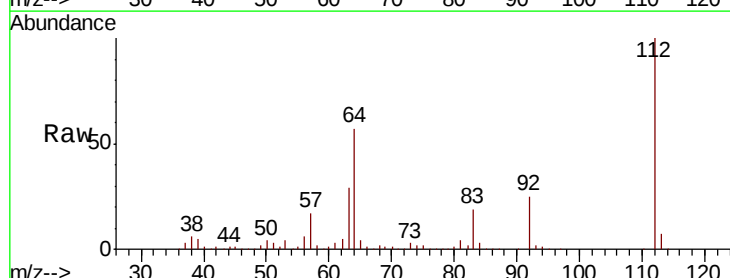
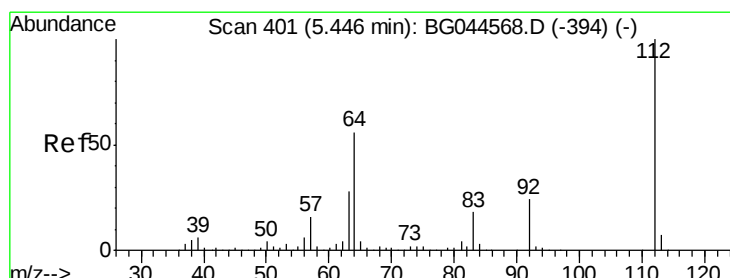
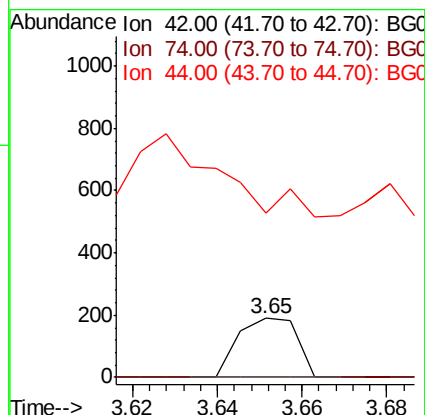
Tot Ion: 42 Resp: 184

Ion Ratio Lower Upper

42 100

74 0.0 117.6 176.4#

44 278.3 6.3 9.5#



#5

2-Fluorophenol

Concen: 134.127 ng

RT: 5.46 min Scan# 403

Delta R.T. 0.01 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

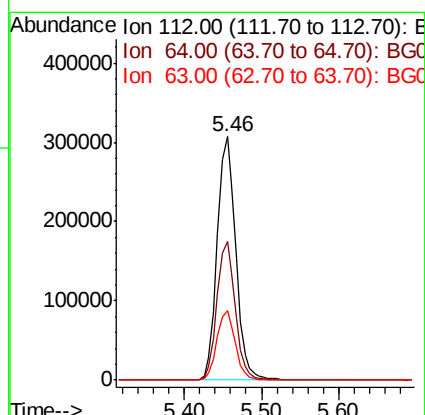
Tgt Ion: 112 Resp: 509749

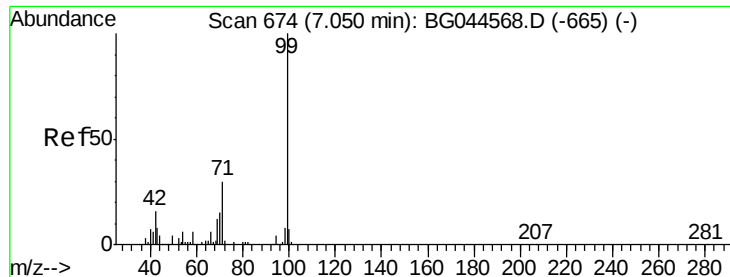
Ion Ratio Lower Upper

112 100

64 57.1 44.8 67.2

63 28.7 22.3 33.5





#7

Phenol-d6

Concen: 122.739 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampled :

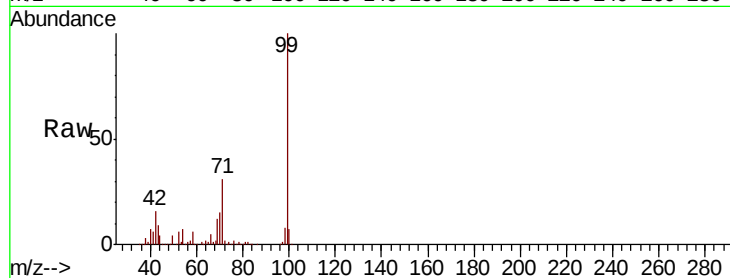
Tot Ion: 99 Resp: 638509

Ion Ratio Lower Upper

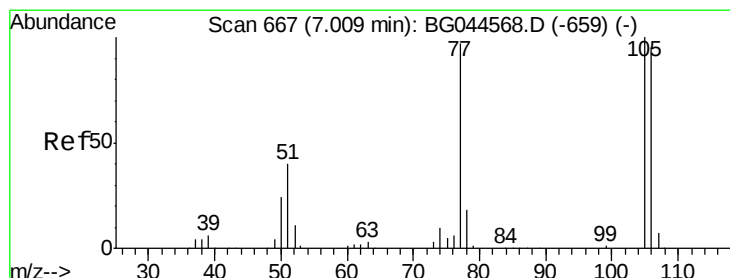
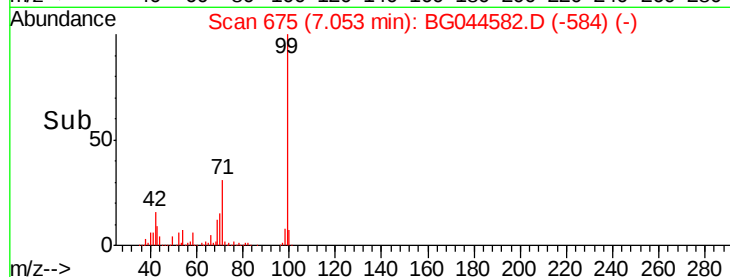
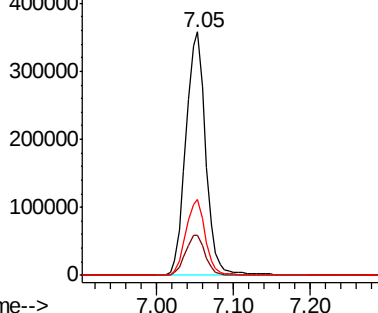
99 100

42 16.2 12.8 19.2

71 31.0 24.4 36.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 0.287 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.04 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

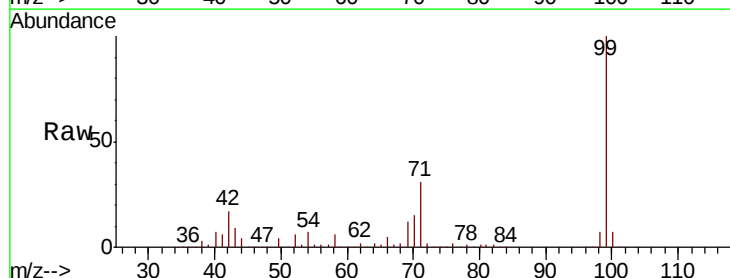
Tgt Ion: 77 Resp: 877

Ion Ratio Lower Upper

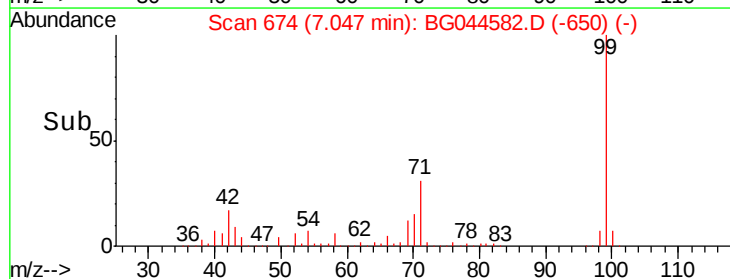
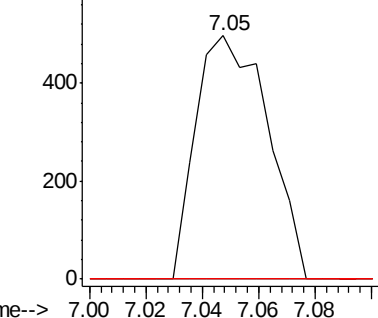
77 100

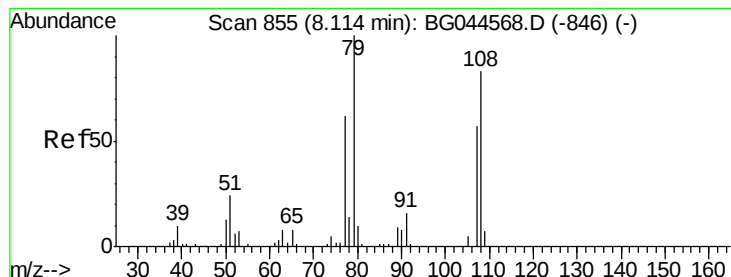
105 0.0 83.6 123.6#

106 0.0 78.2 118.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#15

Benzyl Alcohol

Concen: 1.754 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.09 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampled :

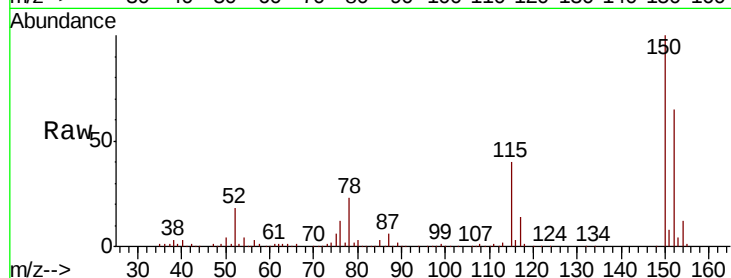
Tot Ion: 79 Resp: 6153

Ion Ratio Lower Upper

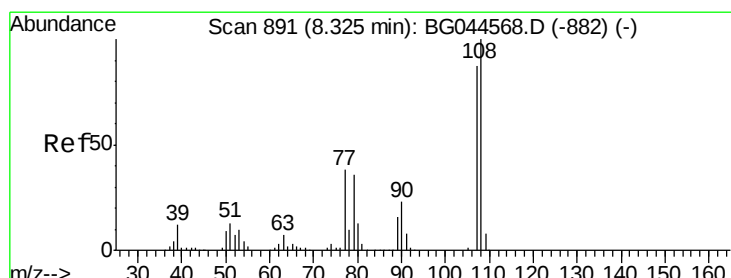
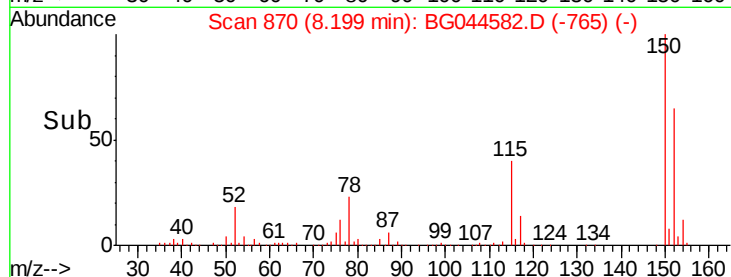
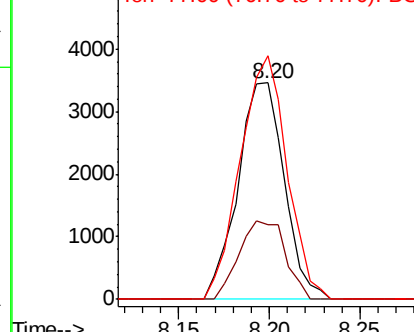
79 100

108 34.3 66.0 99.0#

77 112.5 49.6 74.4#



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



#17

2-Methylphenol

Concen: 0.016 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.13 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Tgt Ion: 107 Resp: 58

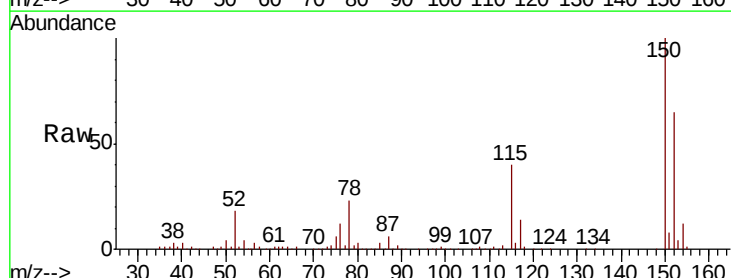
Ion Ratio Lower Upper

107 100

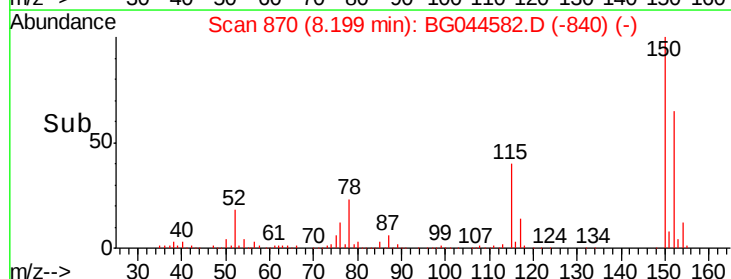
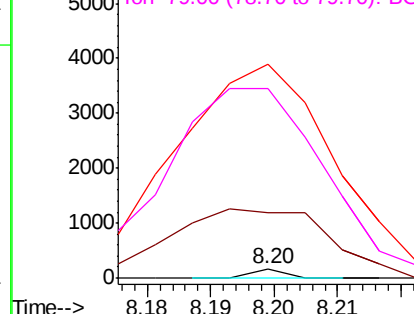
108 718.8 91.7 137.5#

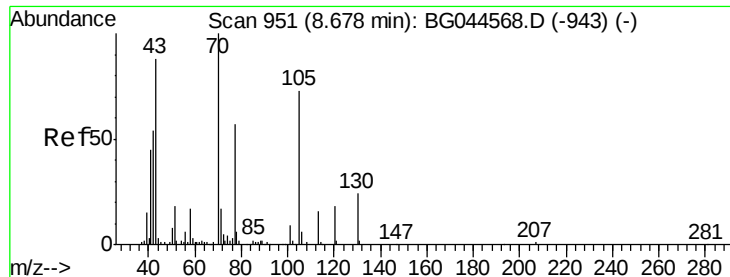
77 2357.6 35.1 52.7#

79 2095.8 33.2 49.8#



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 14.609 ng

RT: 9.03 min Scan# 1011

Delta R.T. 0.35 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

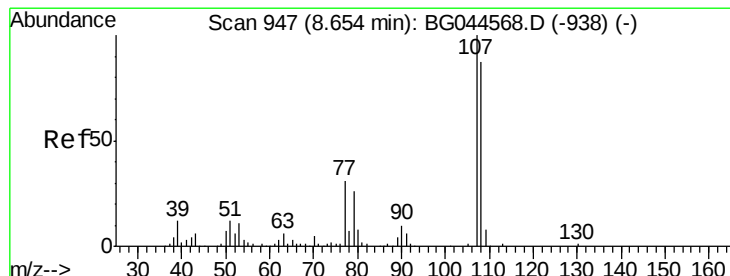
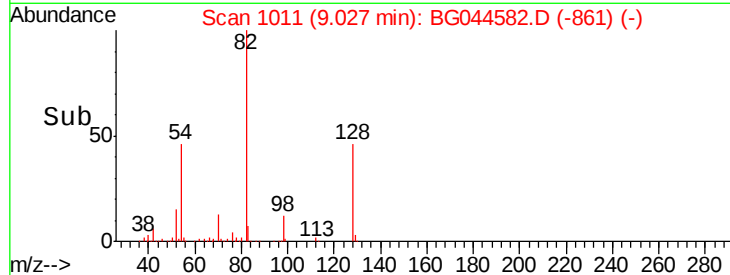
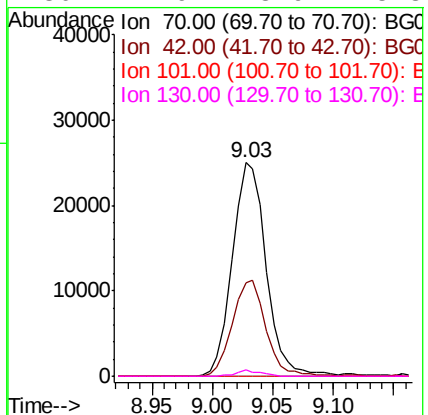
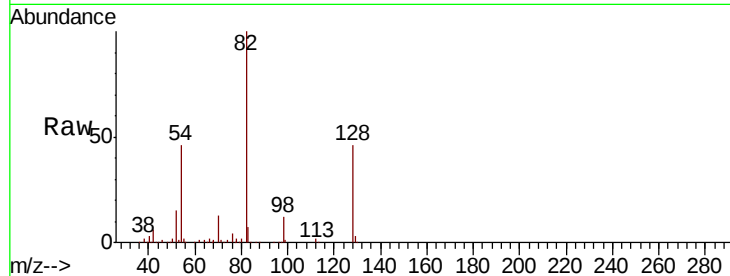
BNA_G

ClientSampled :

Tot Ion: 70 Resp: 48850

Ion Ratio Lower Upper

70	100		
42	43.9	43.4	65.0
101	0.0	7.5	11.3#
130	2.9	18.9	28.3#



#20

3+4-Methylphenols

Concen: 0.012 ng

RT: 8.20 min Scan# 870

Delta R.T. -0.46 min

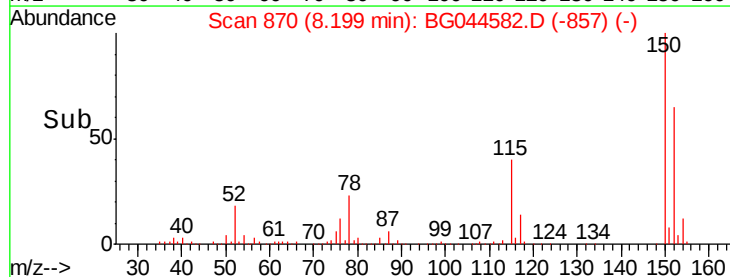
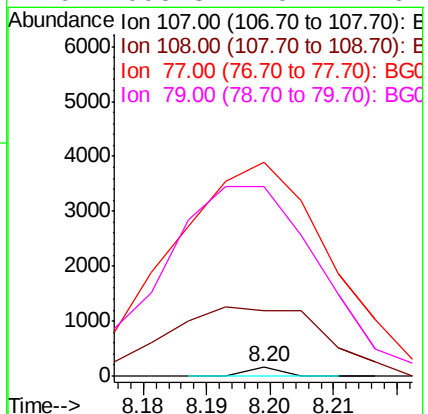
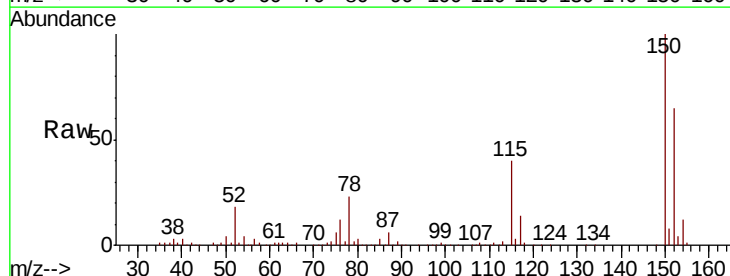
Lab File: BG044582.D

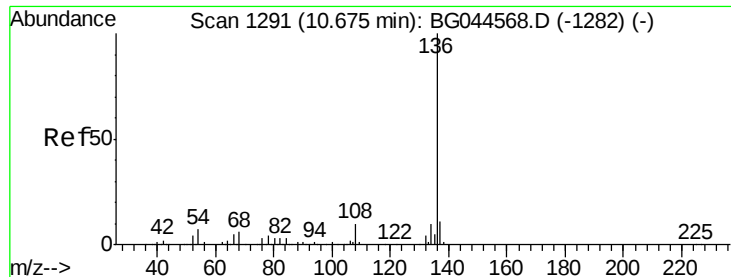
Acq: 25 Feb 2020 18:36

Tgt Ion: 107 Resp: 58

Ion Ratio Lower Upper

107	100		
108	718.8	67.5	107.5#
77	2357.6	11.3	51.3#
79	2095.8	6.4	46.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.67 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 237523

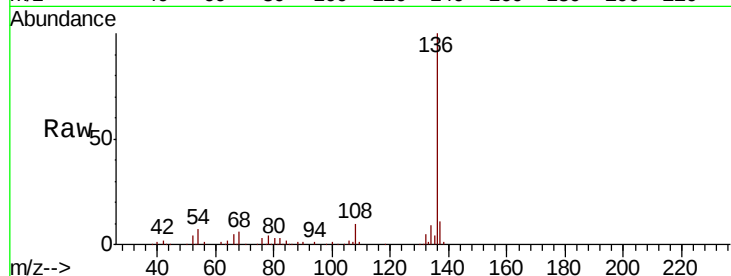
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.0 5.7 8.5

68 5.6 4.5 6.7

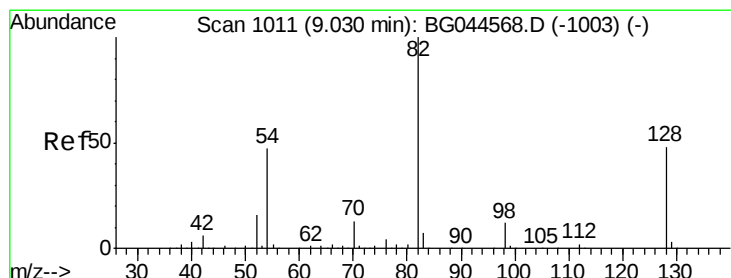
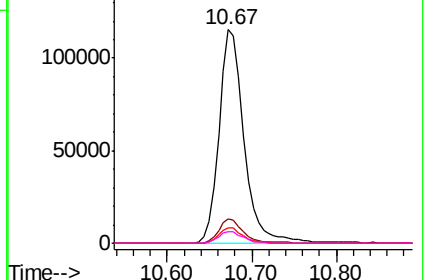
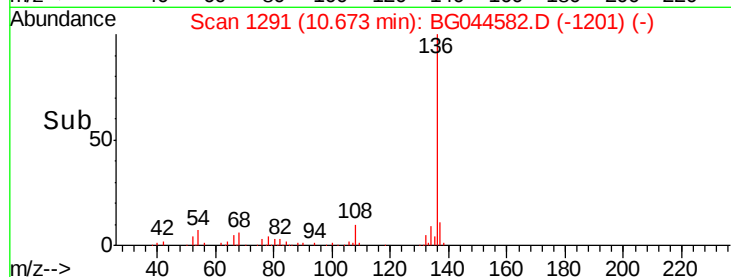


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 83.238 ng

RT: 9.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

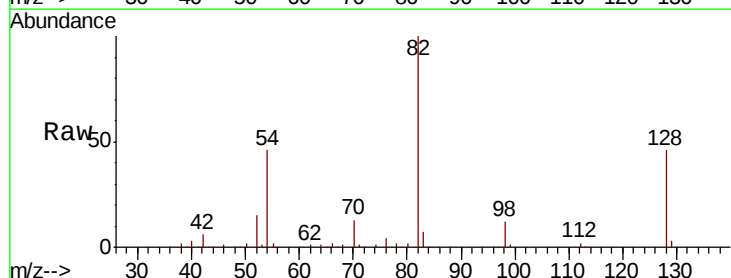
Tgt Ion: 82 Resp: 383766

Ion Ratio Lower Upper

82 100

128 45.9 38.1 57.1

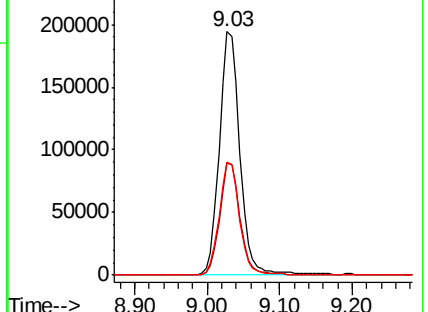
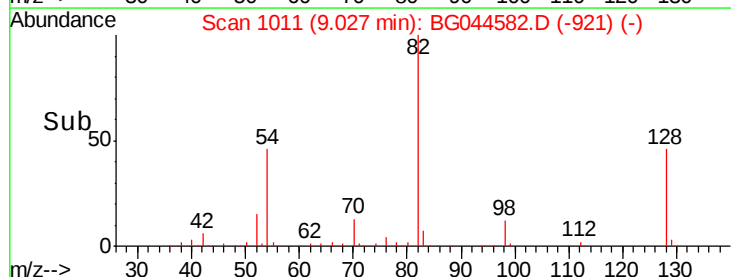
54 46.3 37.5 56.3

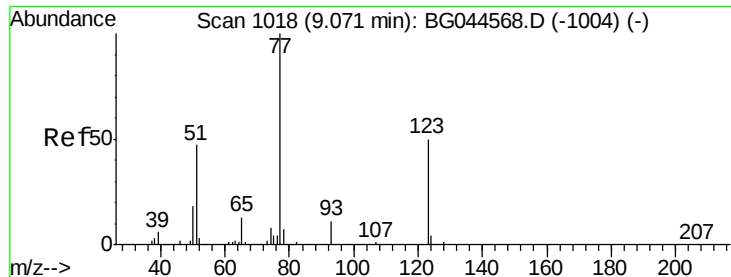


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

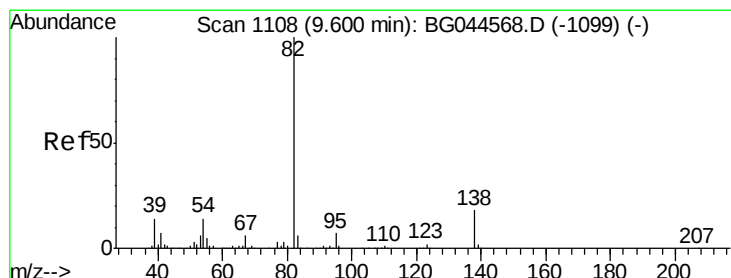
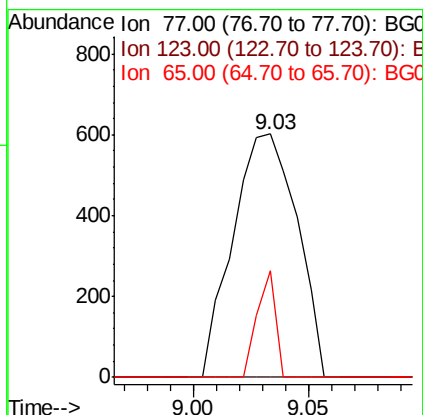
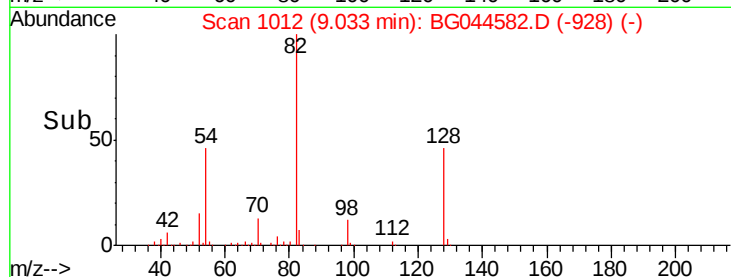
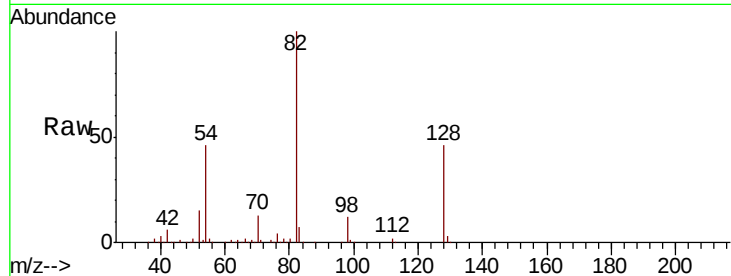




#24
Nitrobenzene
Concen: 0.260 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

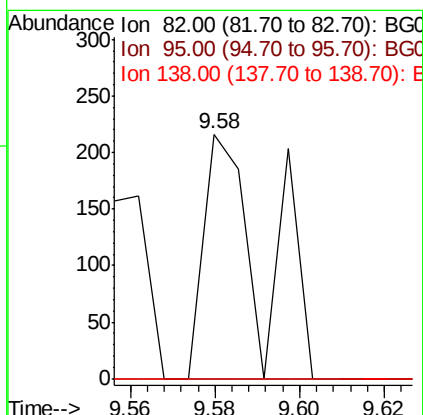
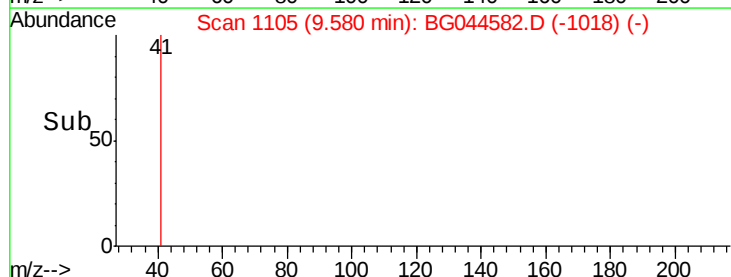
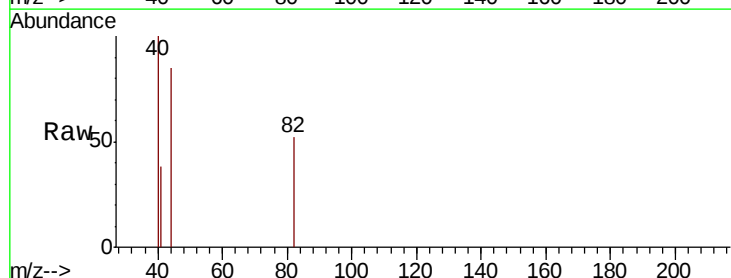
Instrument :
BNA_G
ClientSampleId :

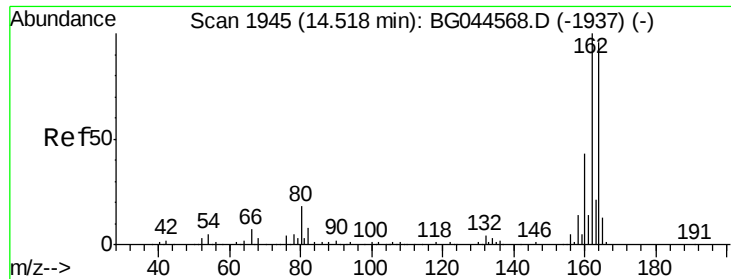
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	40.1	60.1#
65	44.0	10.4	15.6#



#25
Isophorone
Concen: 0.025 ng
RT: 9.58 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.7	22.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

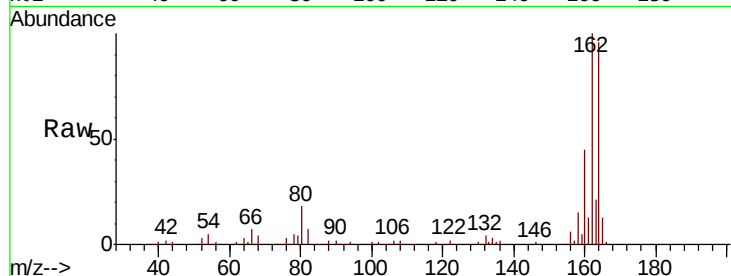
Tot Ion:164 Resp: 152398

Ion Ratio Lower Upper

164 100

162 104.2 83.6 125.4

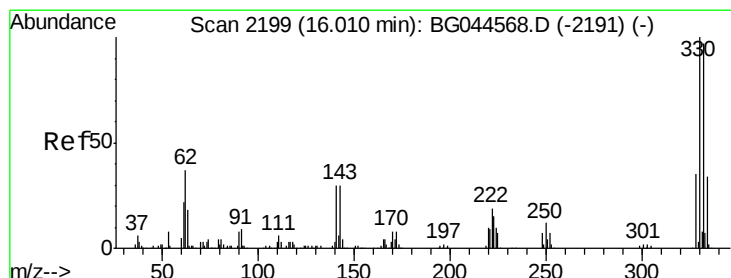
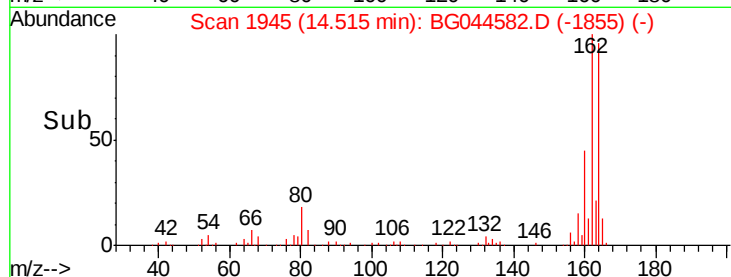
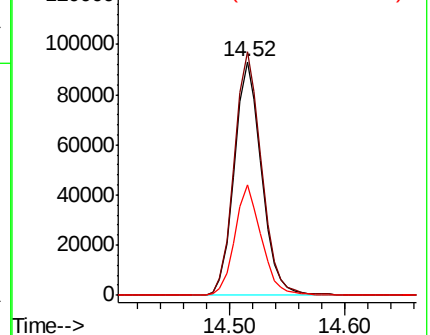
160 47.2 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 130.439 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

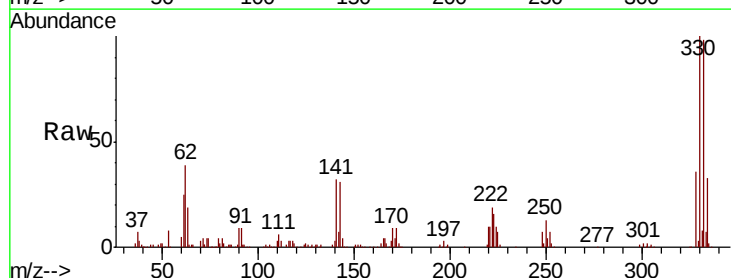
Tgt Ion:330 Resp: 281863

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

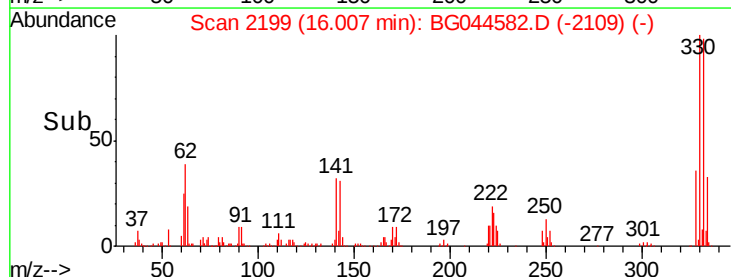
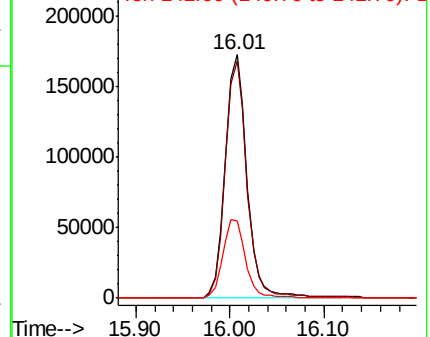
141 33.8 26.1 39.1

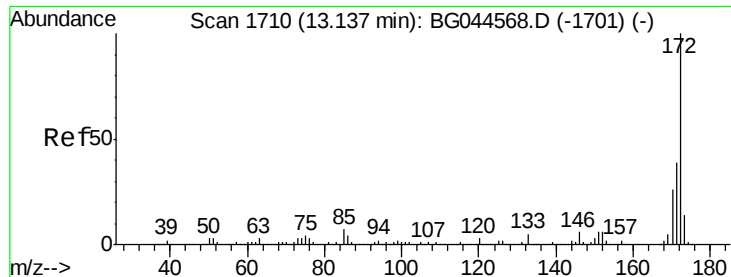


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

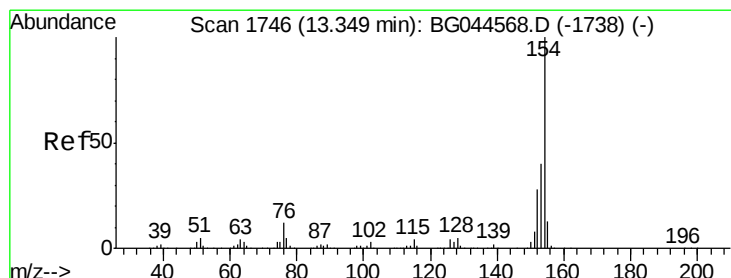
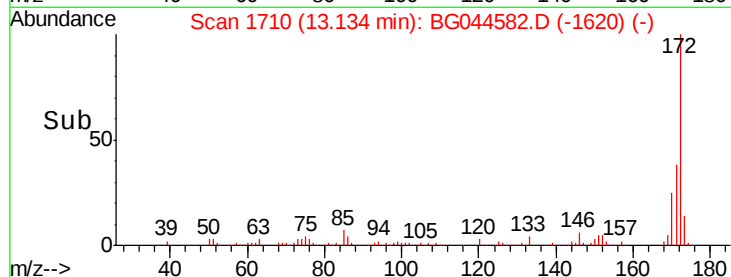
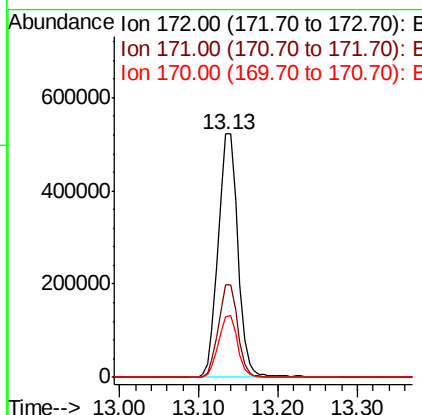
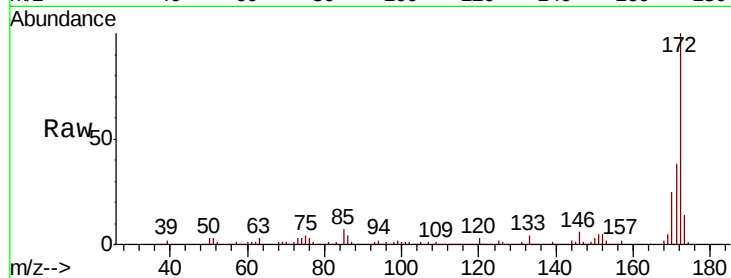




#45
2-Fluorobiphenyl
Concen: 85.094 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

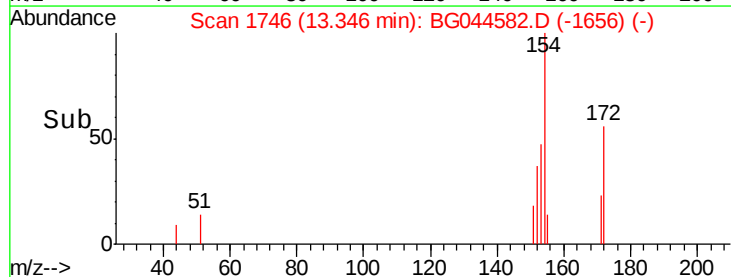
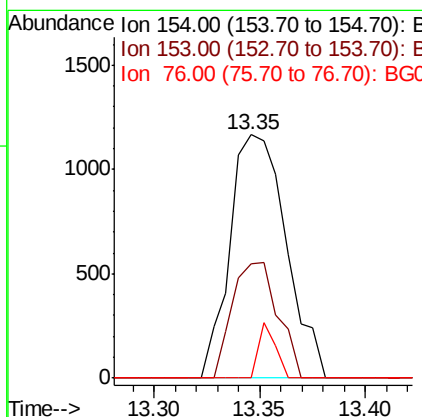
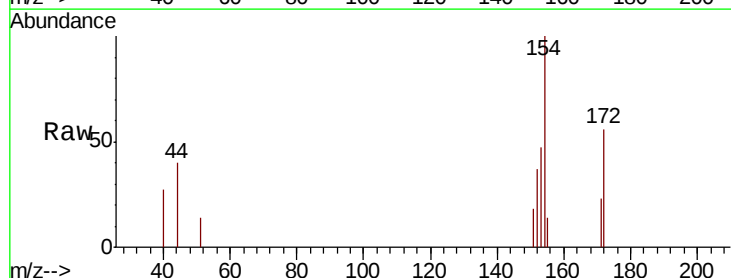
Instrument :
BNA_G
ClientSampleId :

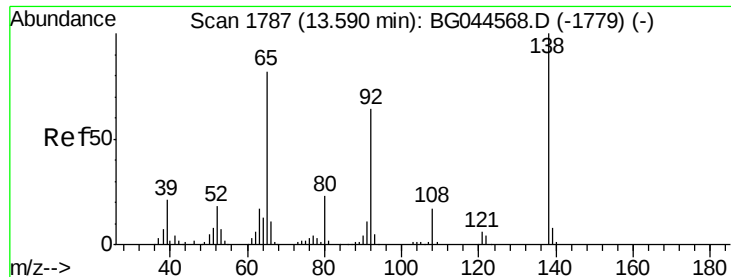
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.0	21.0	31.4



#46
1,1'-Biphenyl
Concen: 0.171 ng
RT: 13.35 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	47.1	20.2	60.2
76	0.0	0.0	31.8

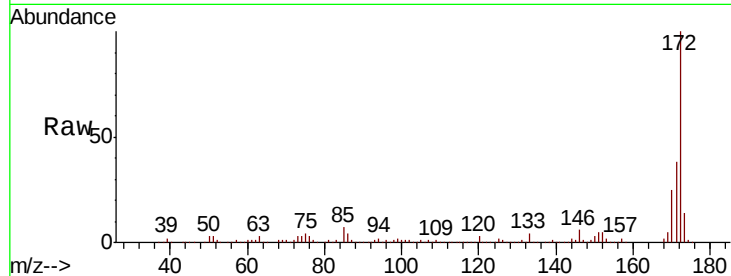




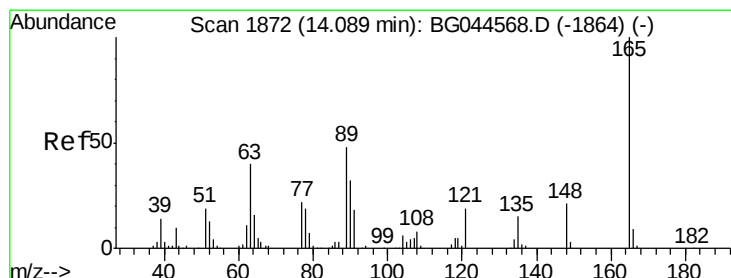
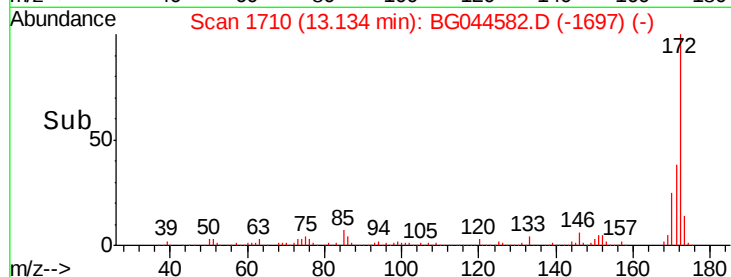
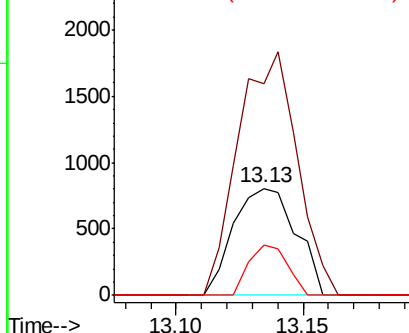
#48
2-Nitroaniline
Concen: 0.505 ng
RT: 13.13 min Scan# 1710
Delta R.T. -0.46 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 1386
Ion Ratio Lower Upper
65 100
92 197.6 62.2 93.2#
138 46.5 97.6 146.4#

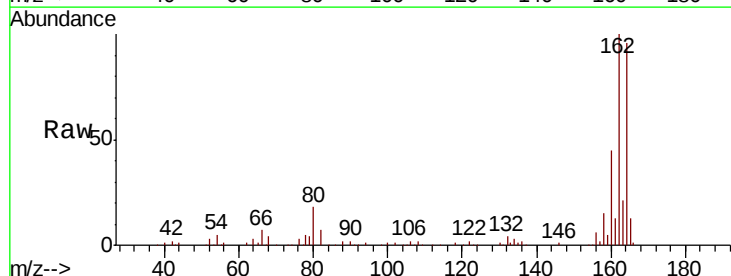


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

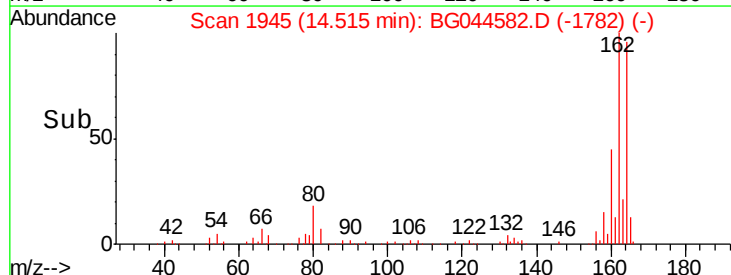
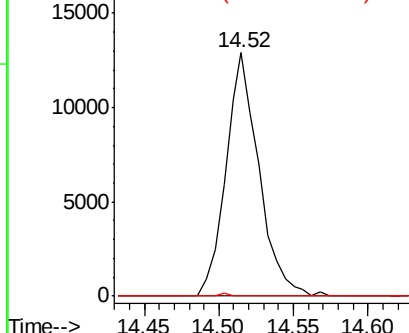


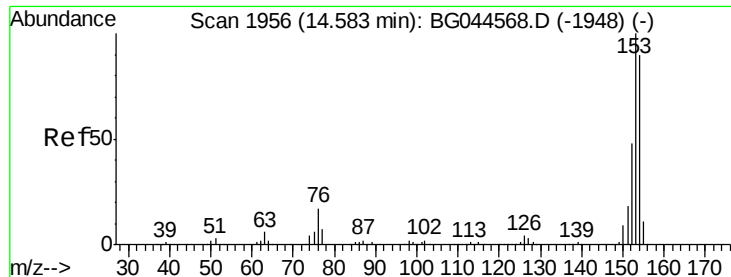
#51
2,6-Dinitrotoluene
Concen: 7.338 ng
RT: 14.52 min Scan# 1945
Delta R.T. 0.43 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Tgt Ion:165 Resp: 19906
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.6#
89 0.0 38.7 58.1#



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





#52

Acenaphthene

Concen: 0.050 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.07 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

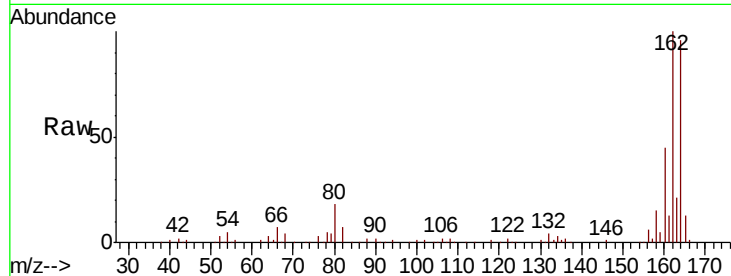
Tot Ion:154 Resp: 467

Ion Ratio Lower Upper

154 100

153 0.0 89.4 134.0#

152 0.0 43.0 64.4#

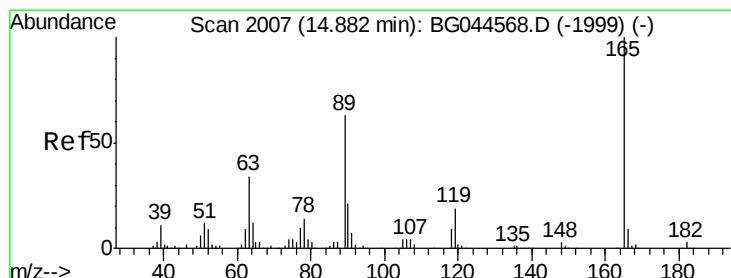
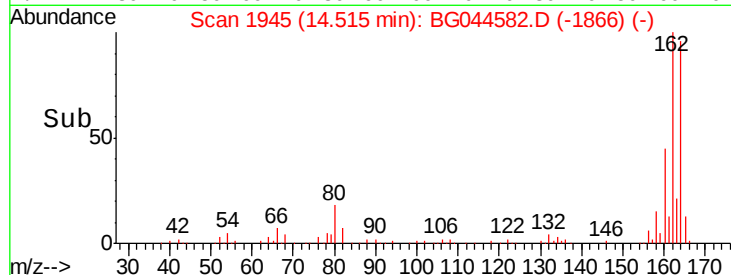
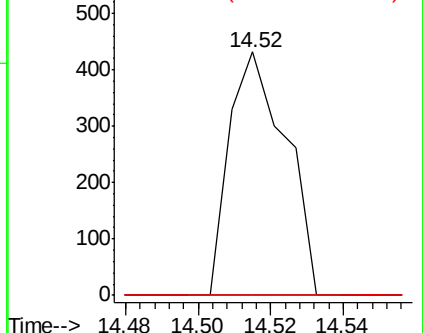


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

2,4-Dinitrotoluene

Concen: 5.219 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Tgt Ion:165 Resp: 19906

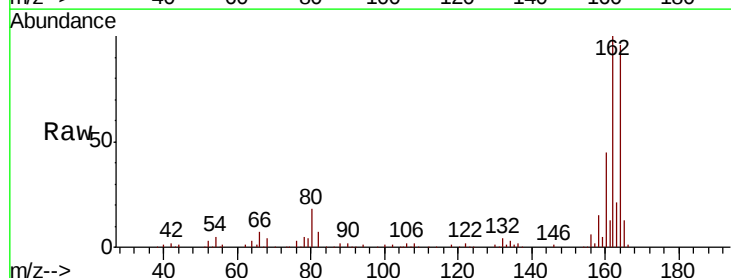
Ion Ratio Lower Upper

165 100

63 0.0 27.5 41.3#

89 0.0 50.0 75.0#

182 0.0 2.3 3.5#



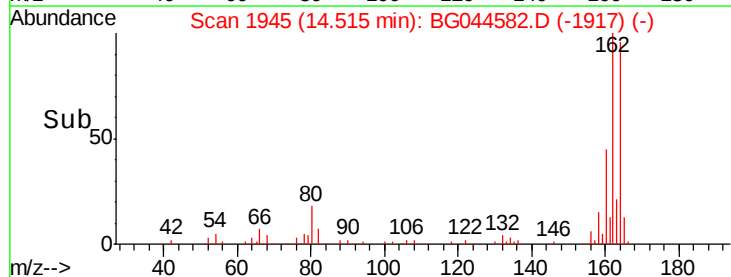
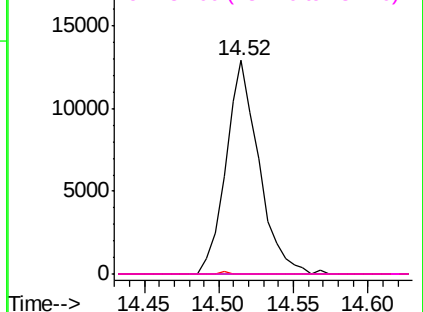
Abundance

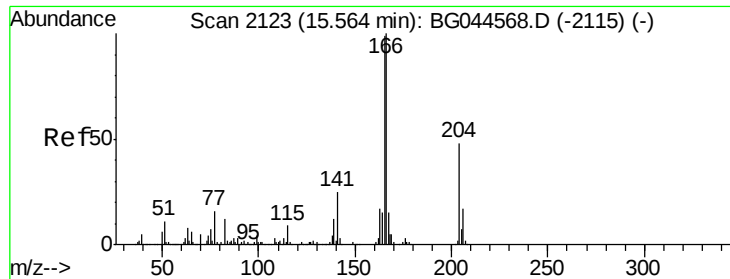
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 1.033 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.44 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

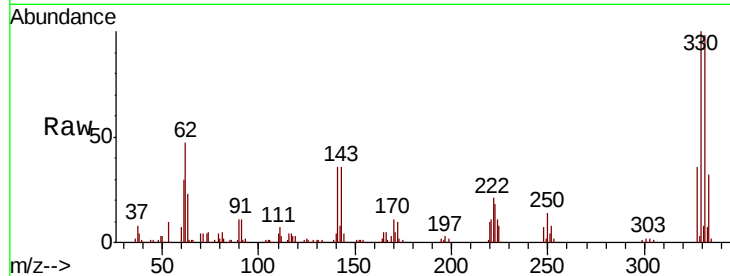
Tot Ion:166 Resp: 11686

Ion Ratio Lower Upper

166 100

165 102.4 79.2 118.8

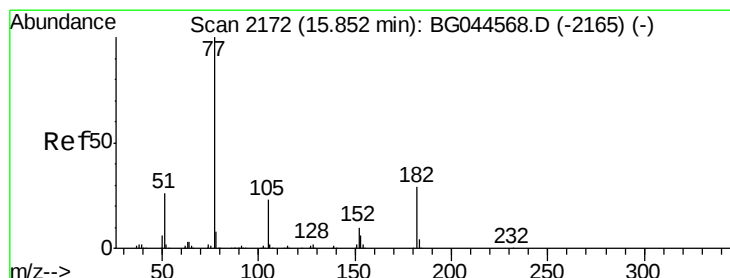
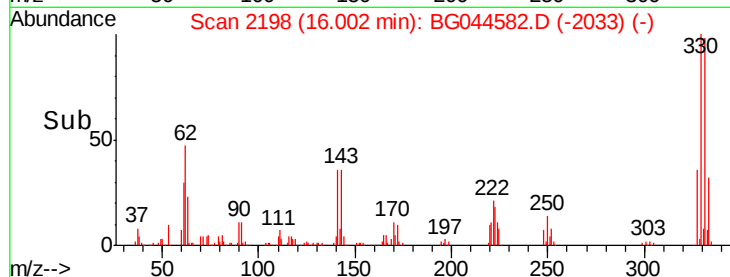
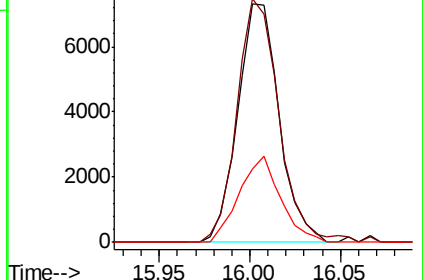
167 30.7 11.7 17.5#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Azobenzene

Concen: 0.114 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.15 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Tgt Ion: 77 Resp: 1182

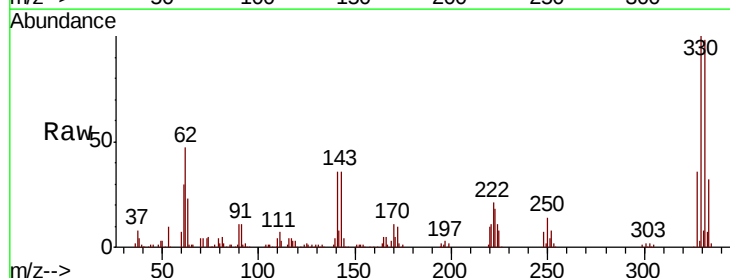
Ion Ratio Lower Upper

77 100

182 0.0 9.4 49.4#

105 120.4 3.4 43.4#

51 78.9 6.4 46.4#

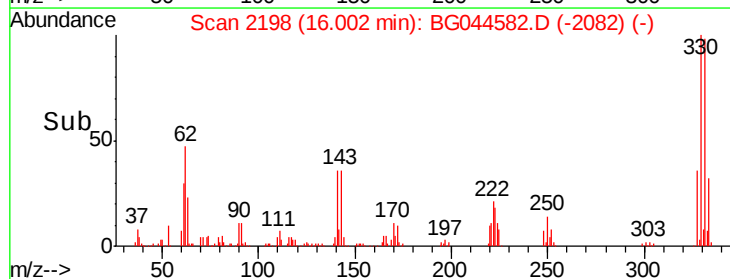
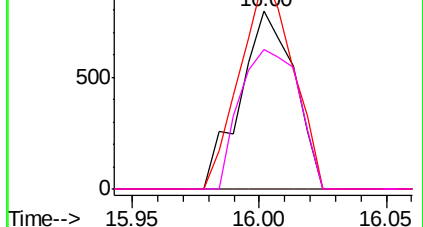


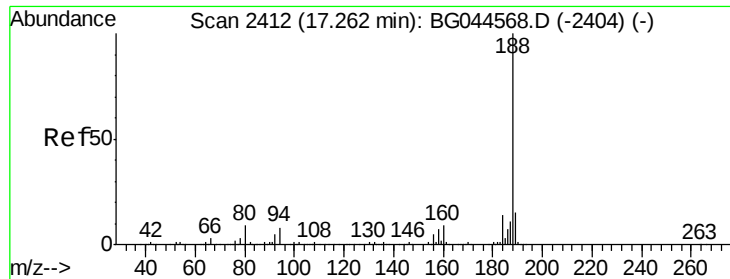
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

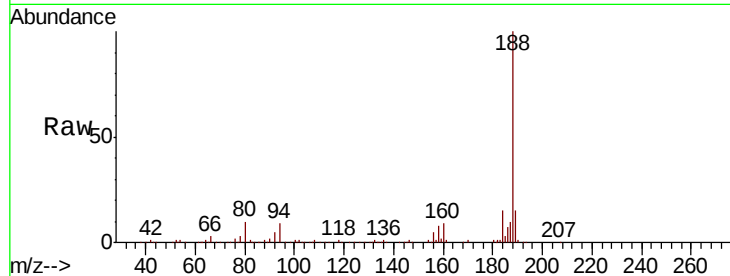
Tot Ion:188 Resp: 375830

Ion Ratio Lower Upper

188 100

94 9.0 6.7 10.1

80 9.5 7.6 11.4

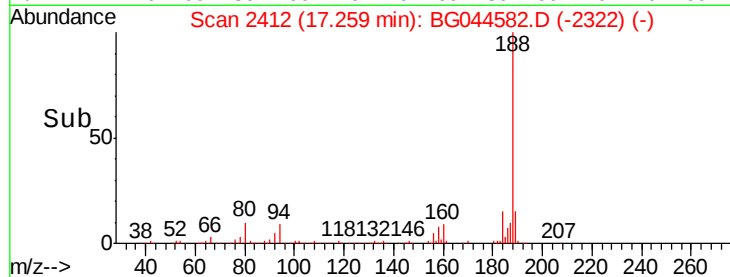


Abundance Ion 188.00 (187.70 to 188.70): E

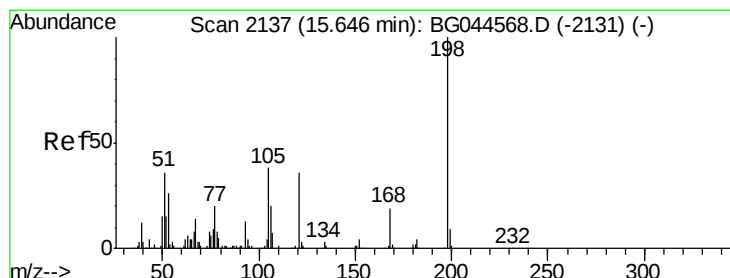
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 0.368 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.36 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

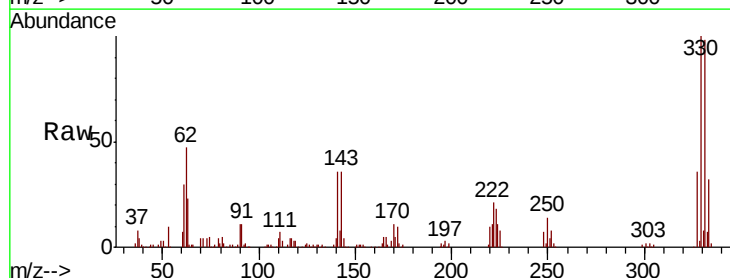
Tgt Ion:198 Resp: 856

Ion Ratio Lower Upper

198 100

51 112.6 17.0 57.0#

105 171.8 18.4 58.4#

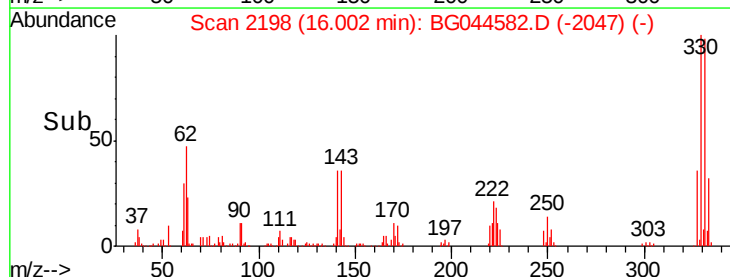


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

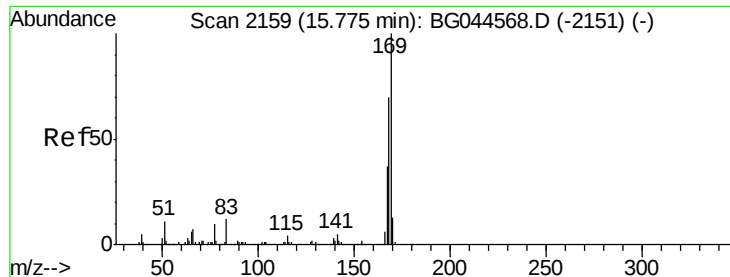
Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->

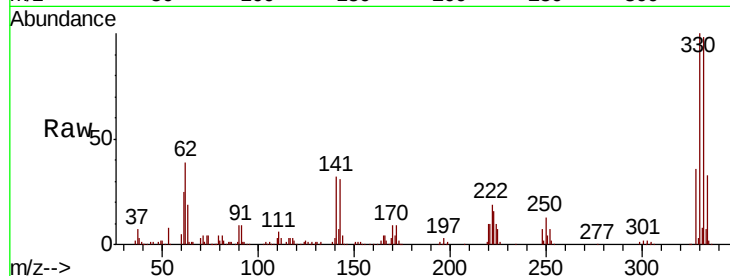
Time-->



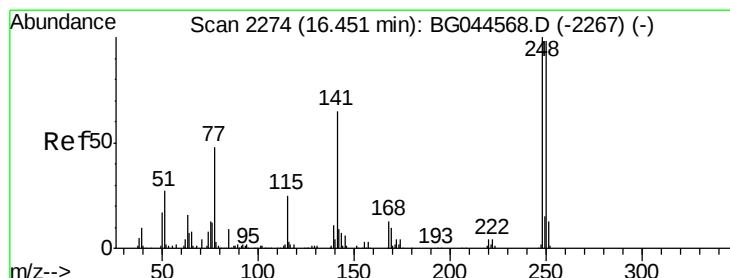
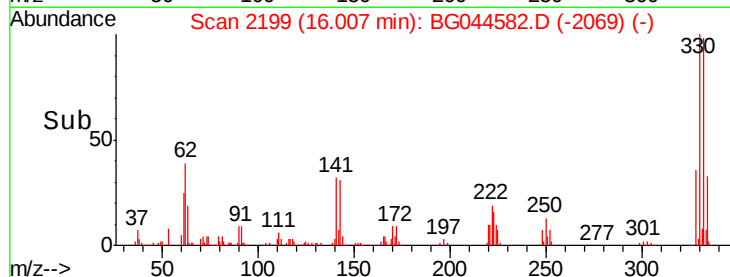
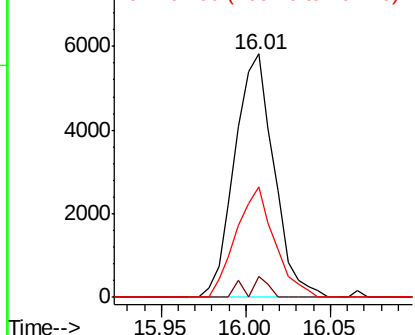
#66
 n-Nitrosodiphenylamine
 Concen: 0.804 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. 0.23 min
 Lab File: BG044582.D
 Acq: 25 Feb 2020 18:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 9427
 Ion Ratio Lower Upper
 169 100
 168 8.4 56.1 84.1#
 167 45.4 29.4 44.0#

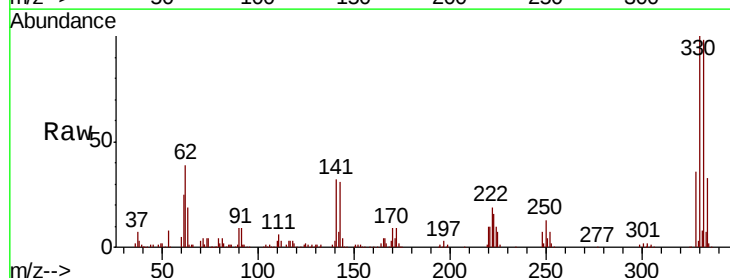


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

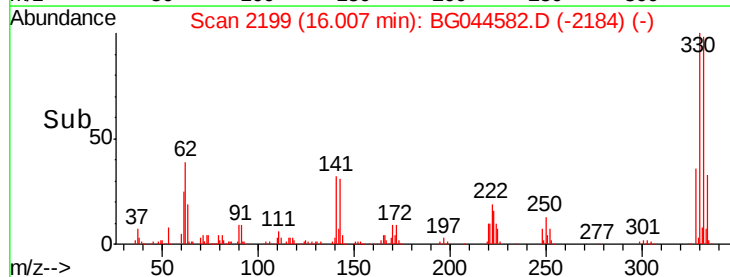
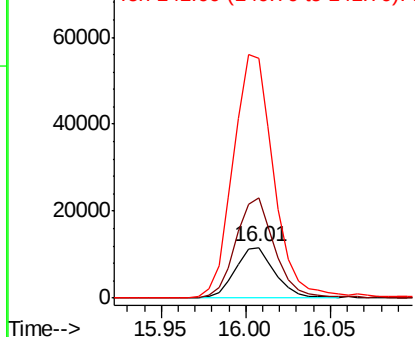


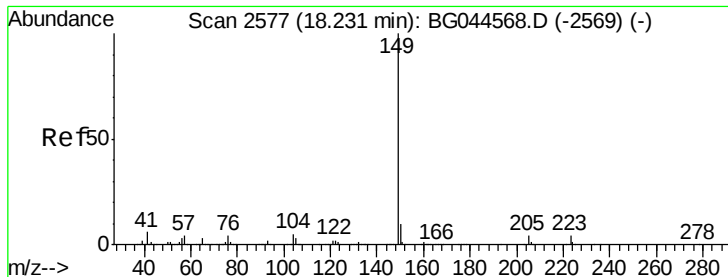
#67
 4-Bromophenyl-phenylether
 Concen: 4.031 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG044582.D
 Acq: 25 Feb 2020 18:36

Tgt Ion:248 Resp: 18806
 Ion Ratio Lower Upper
 248 100
 250 197.2 78.7 118.1#
 141 471.5 52.3 78.5#



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

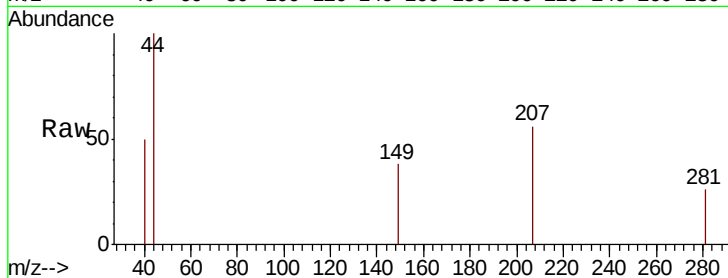




#74
Di-n-butylphthalate
Concen: 0.011 ng
RT: 18.24 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.8#
104	0.0	4.0	6.0#

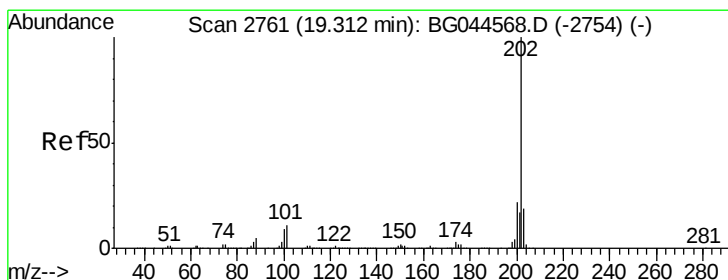
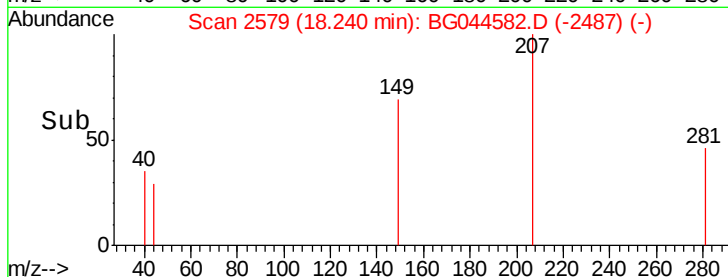
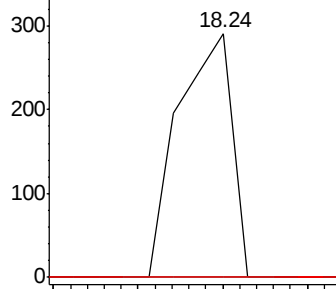


Abundance

Ion 149.00 (148.70 to 149.70): E

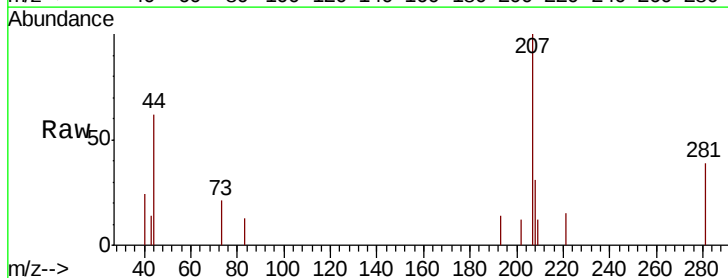
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75
Fluoranthene
Concen: 0.002 ng
RT: 19.68 min Scan# 2824
Delta R.T. 0.37 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	31.0
203	0.0	0.0	39.2

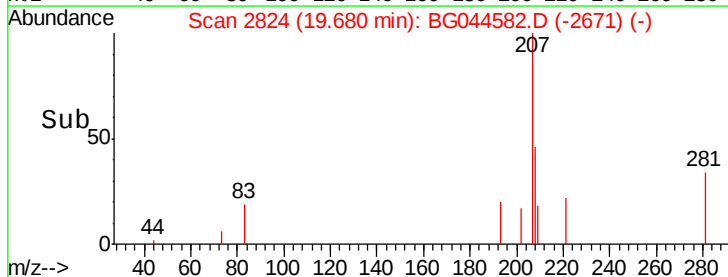
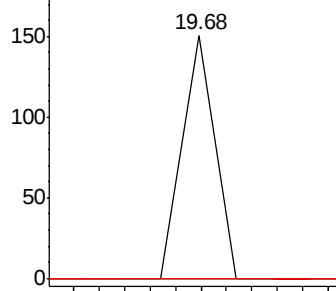


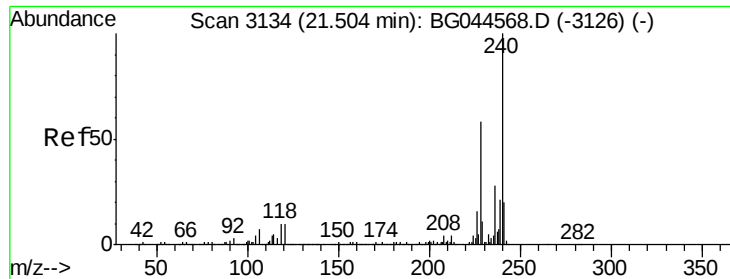
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

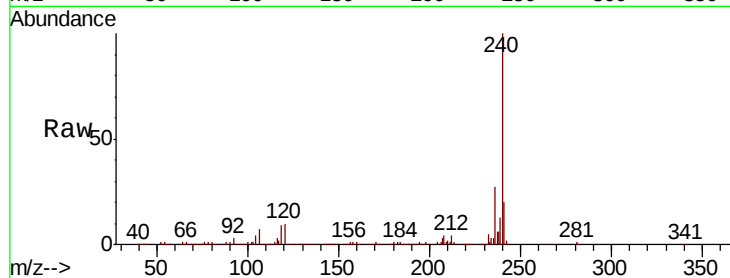




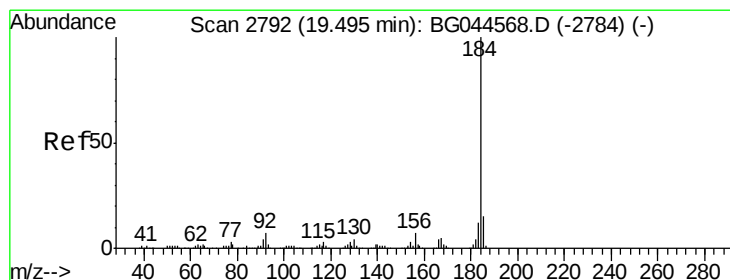
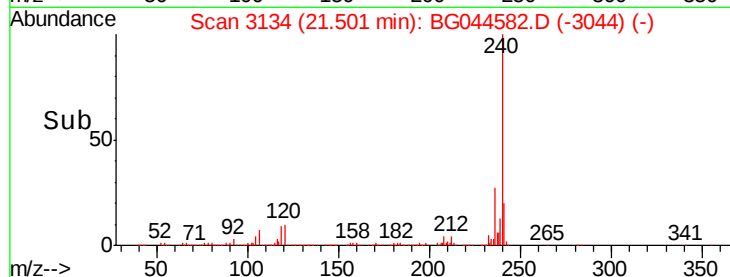
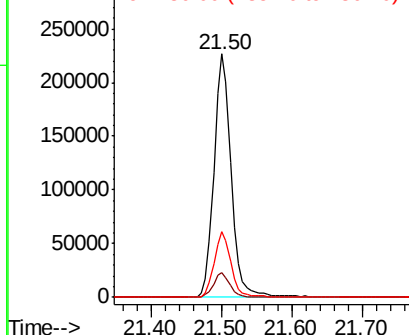
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.50 min Scan# 3134
Delta R.T. -0.00 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 383969
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 26.8 22.3 33.5

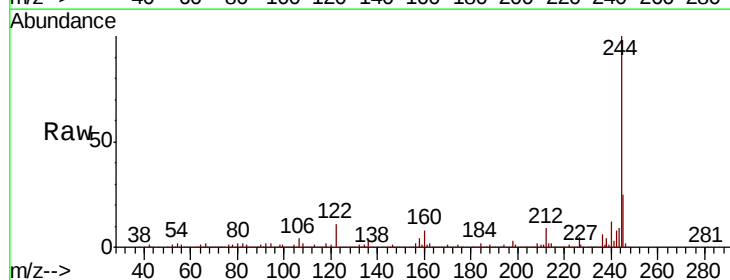


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

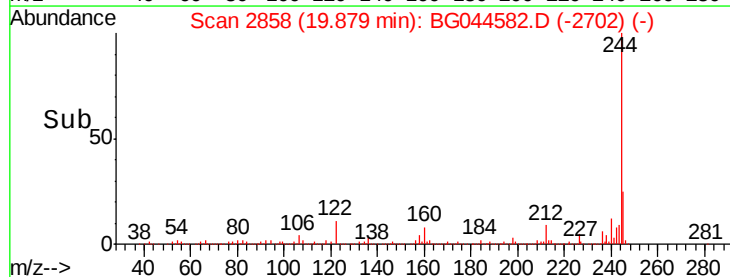
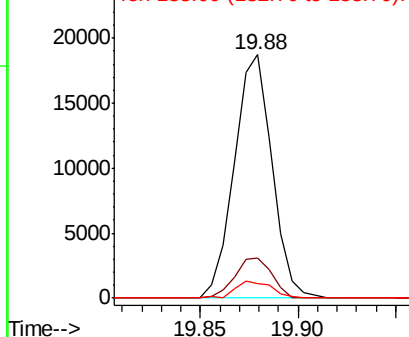


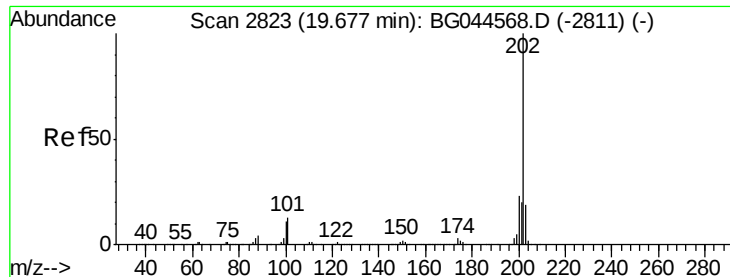
#77
Benzidine
Concen: 1.902 ng
RT: 19.88 min Scan# 2858
Delta R.T. 0.38 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Tgt Ion:184 Resp: 25016
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.4
183 6.0 9.9 14.9#



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

Pvrene

Concen: 0.213 ng

RT: 19.88 min Scan# 2858

Delta R.T. 0.20 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

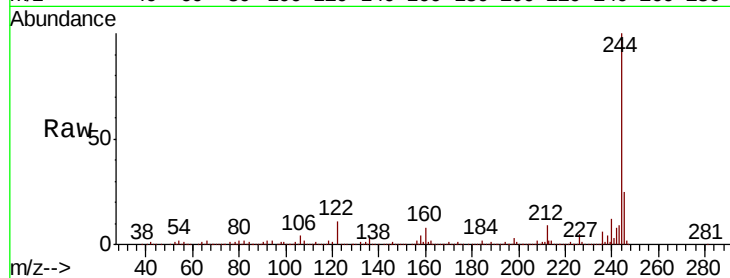
Tot Ion:202 Resp: 5939

Ion Ratio Lower Upper

202 100

200 44.9 18.6 28.0#

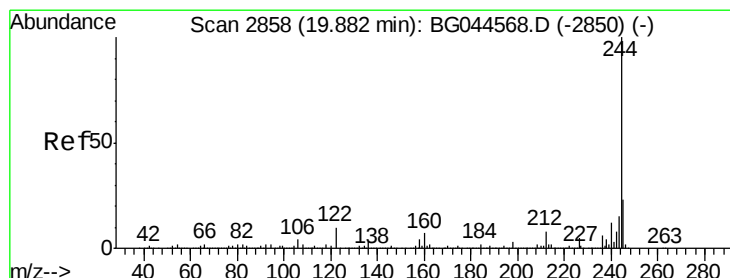
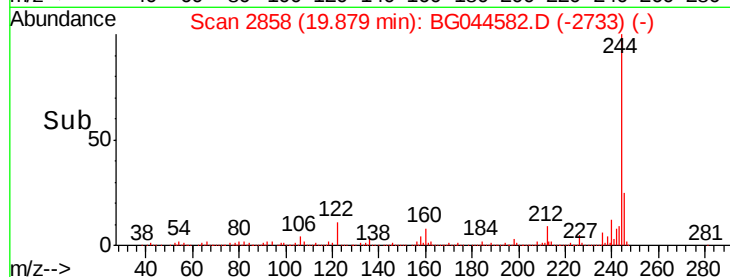
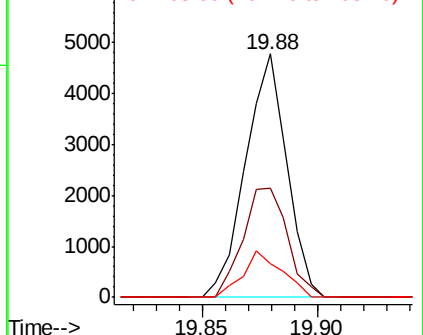
203 13.7 15.3 22.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 81.276 ng

RT: 19.88 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

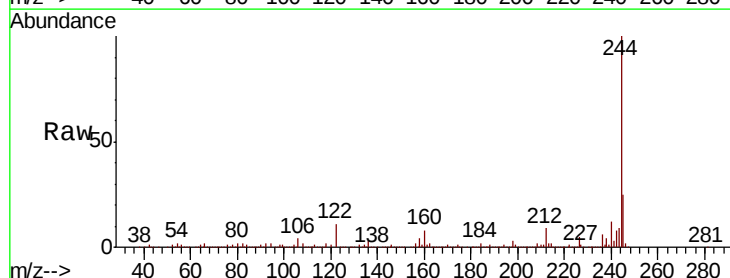
Tgt Ion:244 Resp: 1648518

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

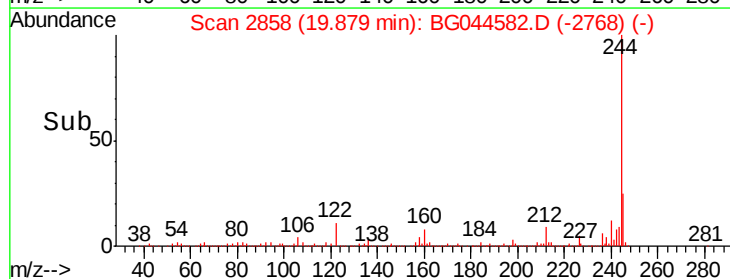
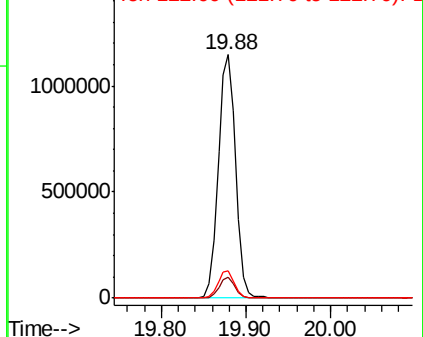
122 11.1 8.2 12.4

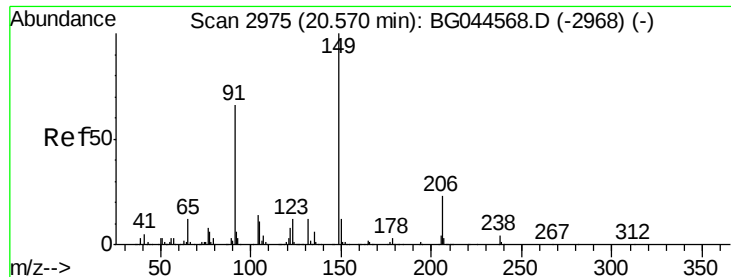


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

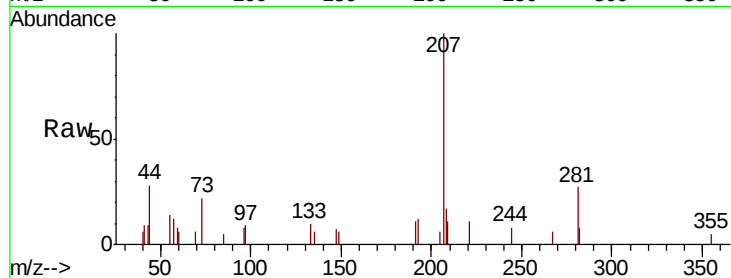




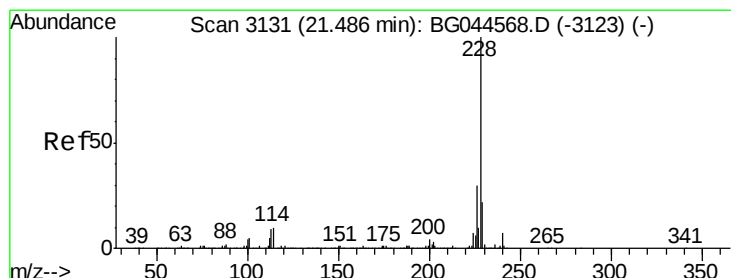
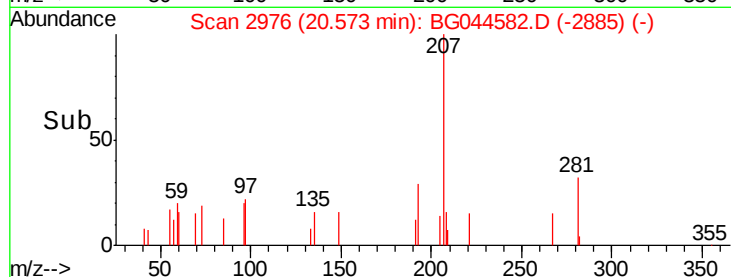
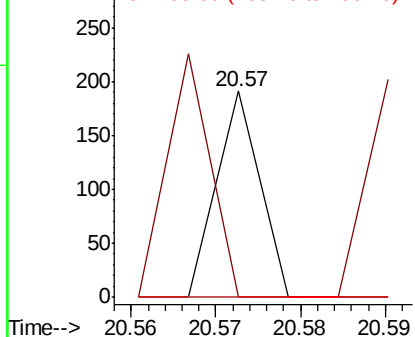
#80
Butylbenzylphthalate
Concen: 0.005 ng
RT: 20.57 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 67
Ion Ratio Lower Upper
149 100
91 0.0 52.7 79.1#
206 0.0 18.6 28.0#

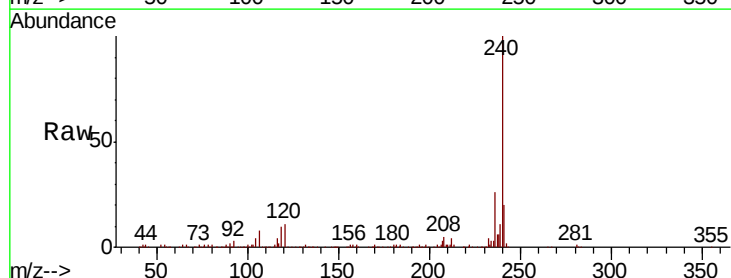


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

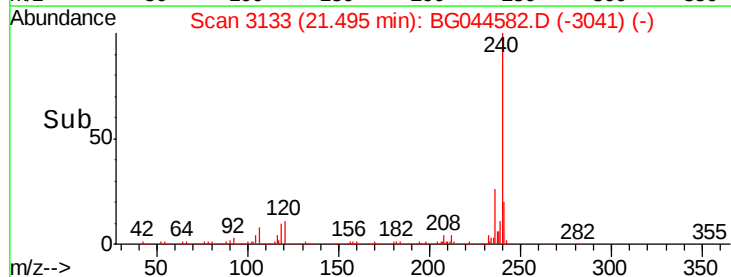
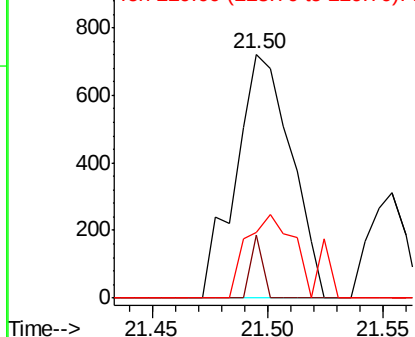


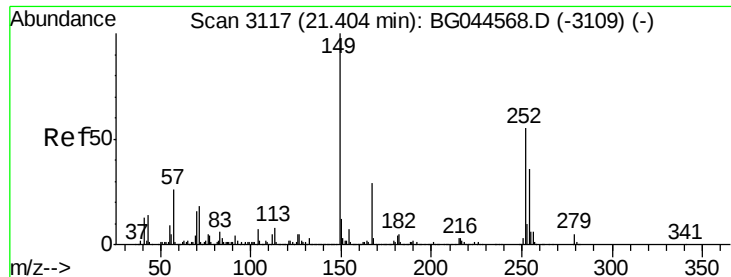
#81
Benzo(a)anthracene
Concen: 0.045 ng
RT: 21.50 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Tgt Ion:228 Resp: 1205
Ion Ratio Lower Upper
228 100
226 25.9 23.8 35.8
229 26.9 17.2 25.8#



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





#82

3,3'-Dichlorobenzidine

Concen: 0.005 ng

RT: 21.42 min Scan# 3121

Delta R.T. 0.02 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

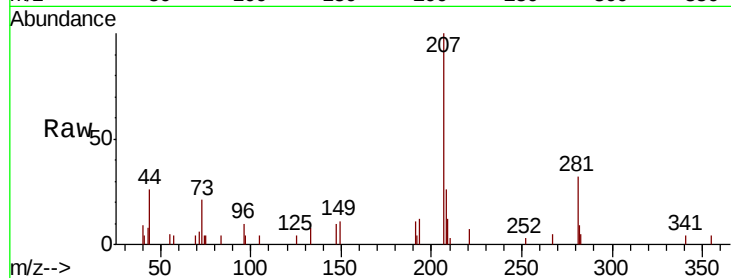
Tot Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

254 0.0 51.5 77.3#

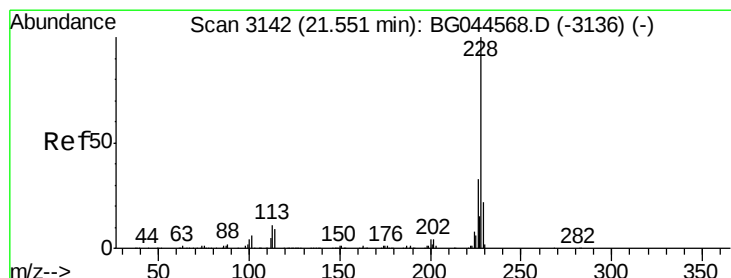
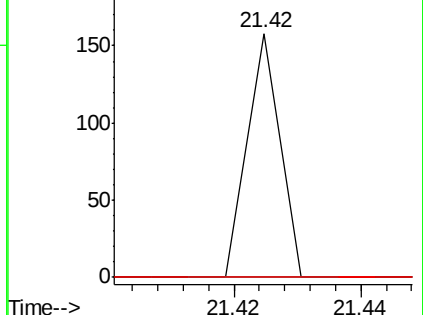
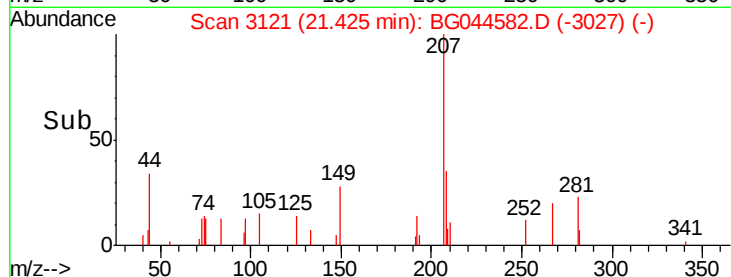
126 0.0 7.8 11.6#



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: 0.013 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

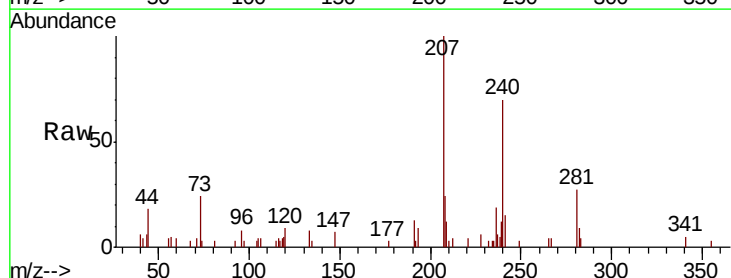
Tgt Ion:228 Resp: 328

Ion Ratio Lower Upper

228 100

226 0.0 26.1 39.1#

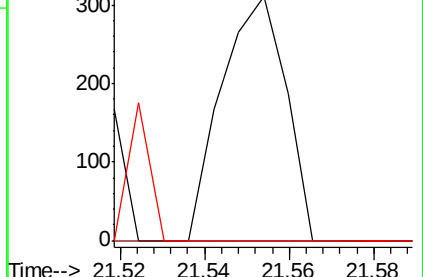
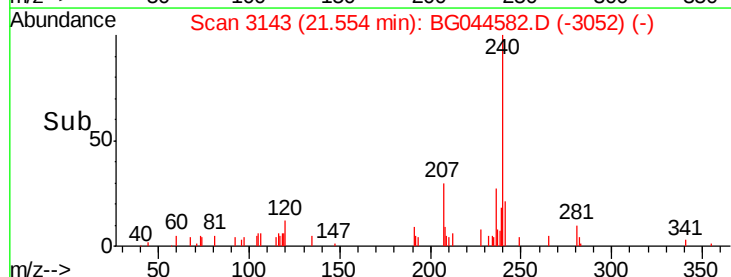
229 0.0 17.2 25.8#

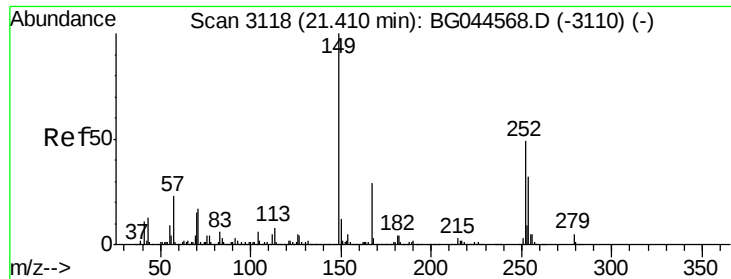


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.151 ng

RT: 21.41 min Scan# 3118

Delta R.T. -0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

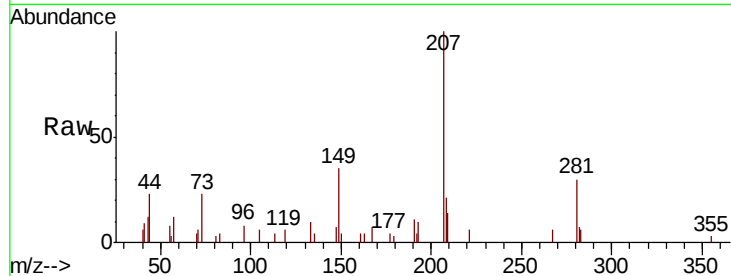
Tot Ion:149 Resp: 2531

Ion Ratio Lower Upper

149 100

167 20.8 23.4 35.0#

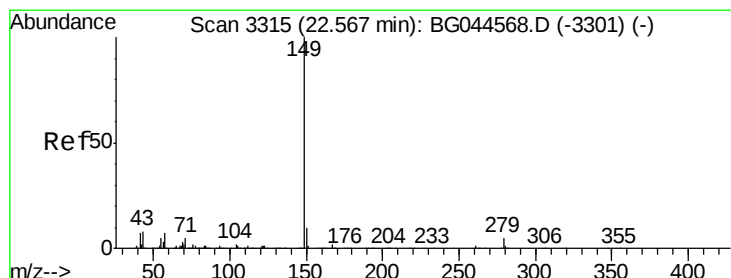
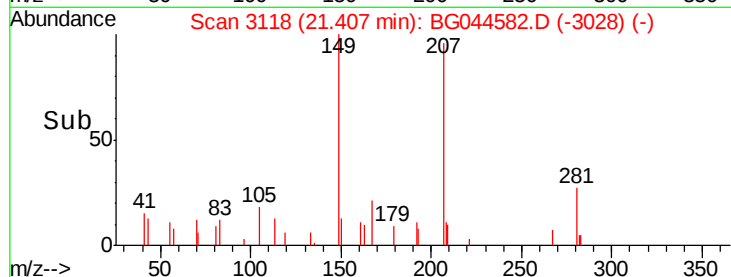
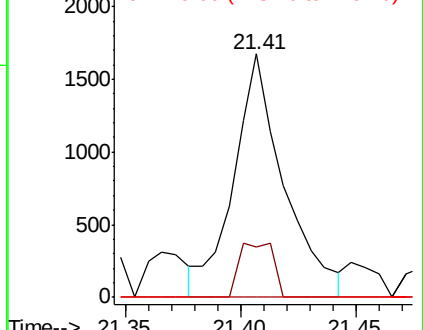
279 0.0 4.2 6.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.042 ng

RT: 22.56 min Scan# 3314

Delta R.T. -0.01 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

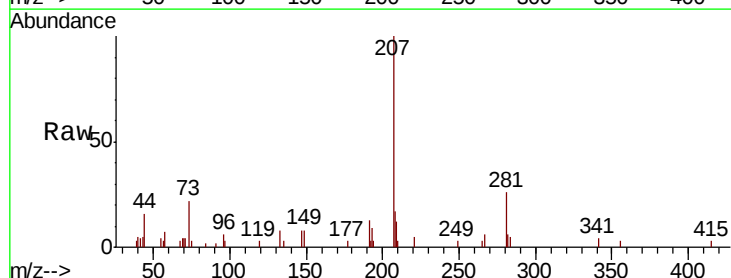
Tgt Ion:149 Resp: 1251

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

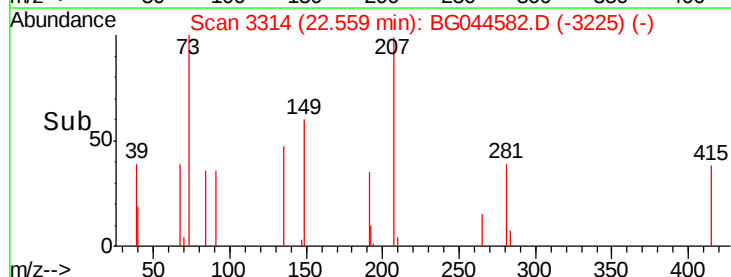
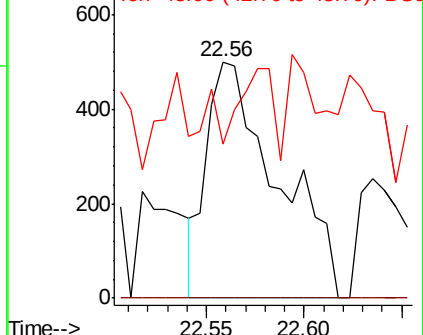
43 0.0 6.6 10.0#

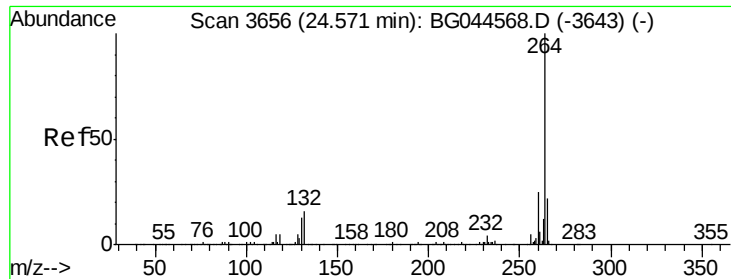


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.57 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

Instrument :

BNA_G

ClientSampleId :

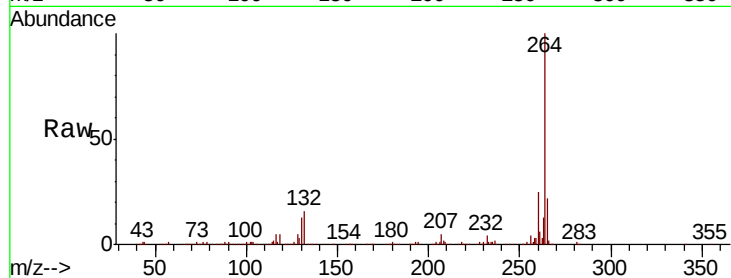
Tot Ion:264 Resp: 398978

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

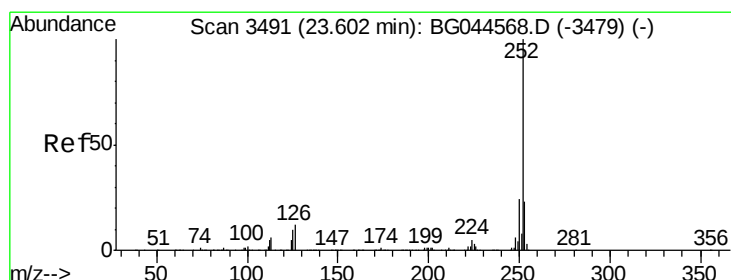
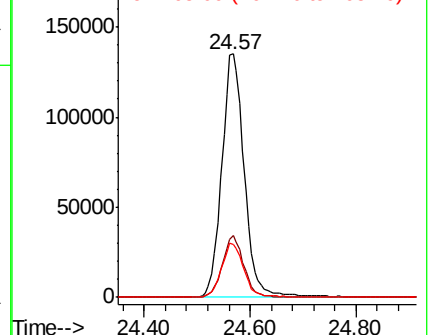
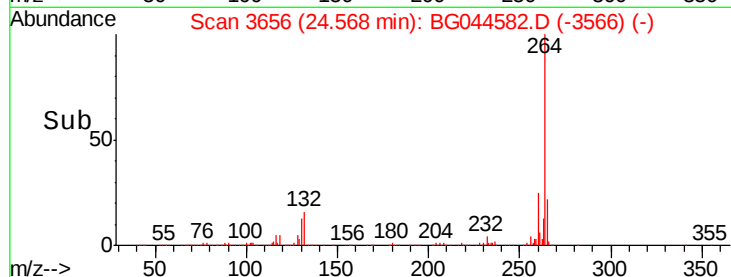
265 22.0 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.028 ng

RT: 23.61 min Scan# 3493

Delta R.T. 0.01 min

Lab File: BG044582.D

Acq: 25 Feb 2020 18:36

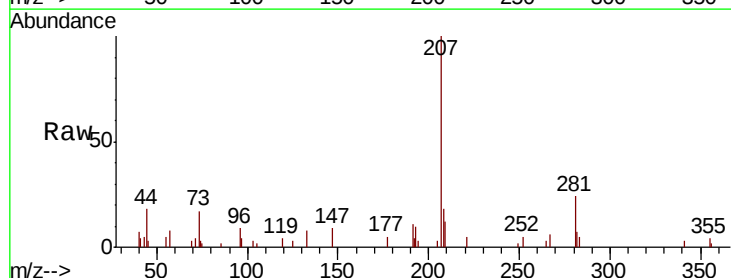
Tgt Ion:252 Resp: 742

Ion Ratio Lower Upper

252 100

253 0.0 18.4 27.6#

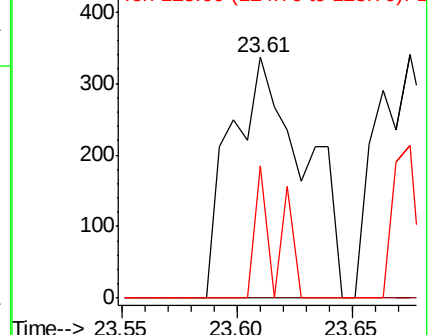
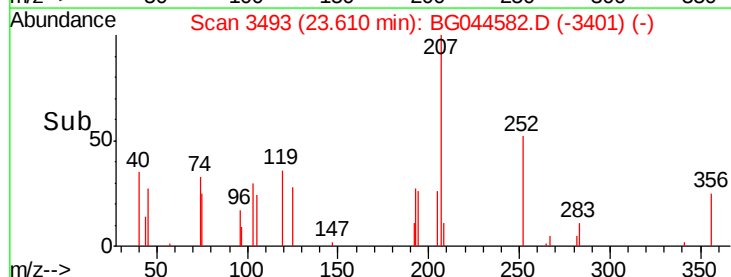
125 54.8 7.9 11.9#

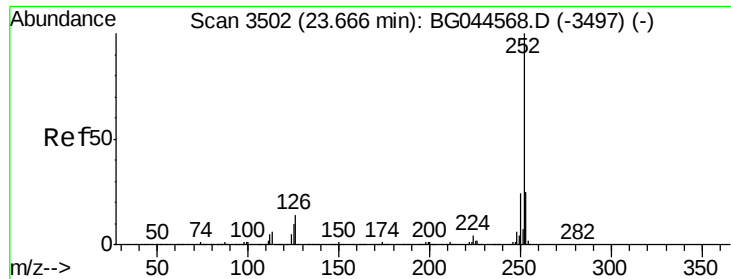


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

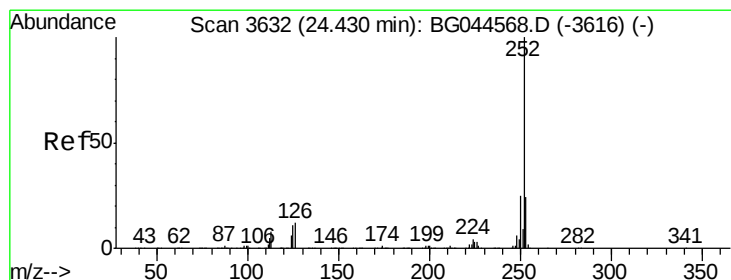
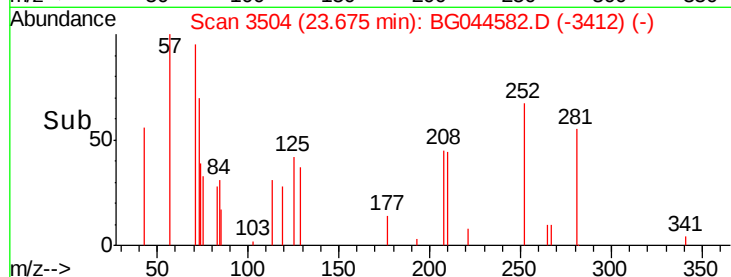
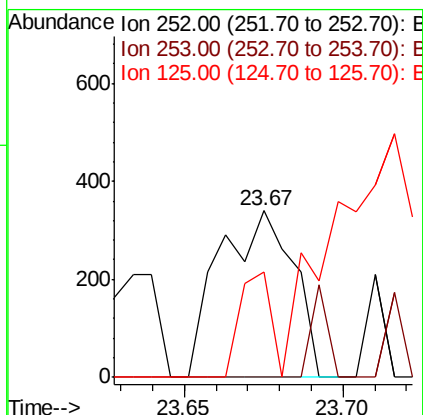
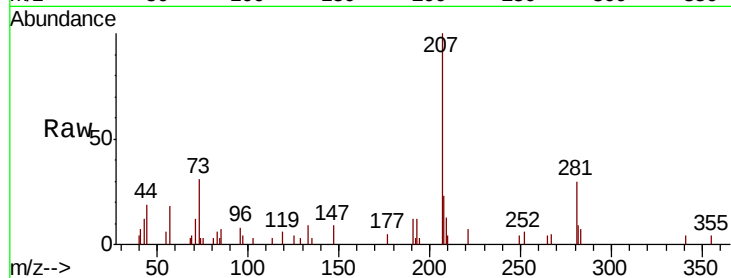




#89
Benzo(k)fluoranthene
Concen: 0.022 ng
RT: 23.67 min Scan# 3504
Delta R.T. 0.01 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 550
Ion Ratio Lower Upper
252 100
253 0.0 19.0 28.6#
125 62.9 7.8 11.8#



#90
Benzo(a)pyrene
Concen: 0.014 ng
RT: 24.43 min Scan# 3632
Delta R.T. -0.00 min
Lab File: BG044582.D
Acq: 25 Feb 2020 18:36

Tgt Ion:252 Resp: 348
Ion Ratio Lower Upper
252 100
253 0.0 19.0 28.4#
125 0.0 8.5 12.7#

