

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032778.D
 Acq On : 22 Feb 2018 4:08
 Operator : SJ/JU
 Sample : J1623-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9-10

Quant Time: Feb 22 06:20:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 21 15:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	77664	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	334716	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	182525	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	413634	20.00	ng	0.00
75) Chrysene-d12	22.63	240	402970	20.00	ng	-0.02
86) Perylene-d12	26.44	264	436021	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	572748	117.98	ng	0.00
7) Phenol-d6	8.02	99	672843	99.44	ng	0.00
23) Nitrobenzene-d5	10.13	82	465272	95.13	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	265971	138.59	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1060386	83.79	ng	0.00
78) Terphenyl-d14	20.79	244	1562766	87.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	324	0.154	ng	# 66
4) n-Nitrosodimethylamine	4.33	42	143	0.061	ng	# 1
6) Aniline	8.10	93	58	0.006	ng	# 41
9) Benzaldehyde	8.02	77	1173	0.301	ng	# 5
10) Phenol	8.43	94	1381	0.202	ng	# 1
11) bis(2-Chloroethyl)ether	8.44	93	1056	0.189	ng	# 1
15) Benzyl Alcohol	9.26	79	8177	1.644	ng	# 35
16) 2,2'-oxybis(1-Chloropropan	9.45	45	100	0.010	ng	# 75
18) Hexachloroethane	10.14	117	118	0.055	ng	# 1
19) n-Nitroso-di-n-propylamine	10.13	70	60457	12.656	ng	# 84
22) Acetophenone	9.76	105	658	0.078	ng	# 50
24) Nitrobenzene	10.12	77	1256	6.584	ng	# 29
25) Isophorone	10.47	82	53	0.005	ng	# 69
31) Naphthalene	11.86	128	61591	3.521	ng	# 97
33) 4-Chloroaniline	11.86	127	8042	1.028	ng	# 29
37) 2-Methylnaphthalene	13.41	142	8539	0.675	ng	# 96
45) 1,1'-Biphenyl	14.38	154	3960	0.248	ng	# 94
47) 2-Nitroaniline	14.17	65	1836	10.322	ng	# 1
48) Acenaphthylene	15.27	152	1756	0.090	ng	# 87
50) 2,6-Dinitrotoluene	15.54	165	24010	16.523	ng	# 20
51) Acenaphthene	15.60	154	5087	0.419	ng	# 92
54) Dibenzofuran	15.93	168	5548	0.321	ng	# 92
55) 4-Nitrophenol	15.93	139	2081	7.828	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	24010	14.722	ng	# 18
57) Fluorene	16.58	166	4328	0.303	ng	# 96
59) Diethylphthalate	16.31	149	2015	0.123	ng	# 87
61) 4-Nitroaniline	17.00	138	67	5.317	ng	# 1
62) Azobenzene	16.82	77	57	0.004	ng	# 48
64) 4,6-Dinitro-2-methylphenol	17.01	198	728	5.697	ng	# 1
65) n-Nitrosodiphenylamine	17.00	169	10471	0.778	ng	# 50
66) 4-Bromophenyl-phenylether	17.01	248	19008	4.346	ng	# 1
70) Phenanthrene	18.31	178	11846	0.513	ng	# 94
71) Anthracene	18.31	178	11846	0.511	ng	# 94
72) Carbazole	18.66	167	914	0.040	ng	# 59

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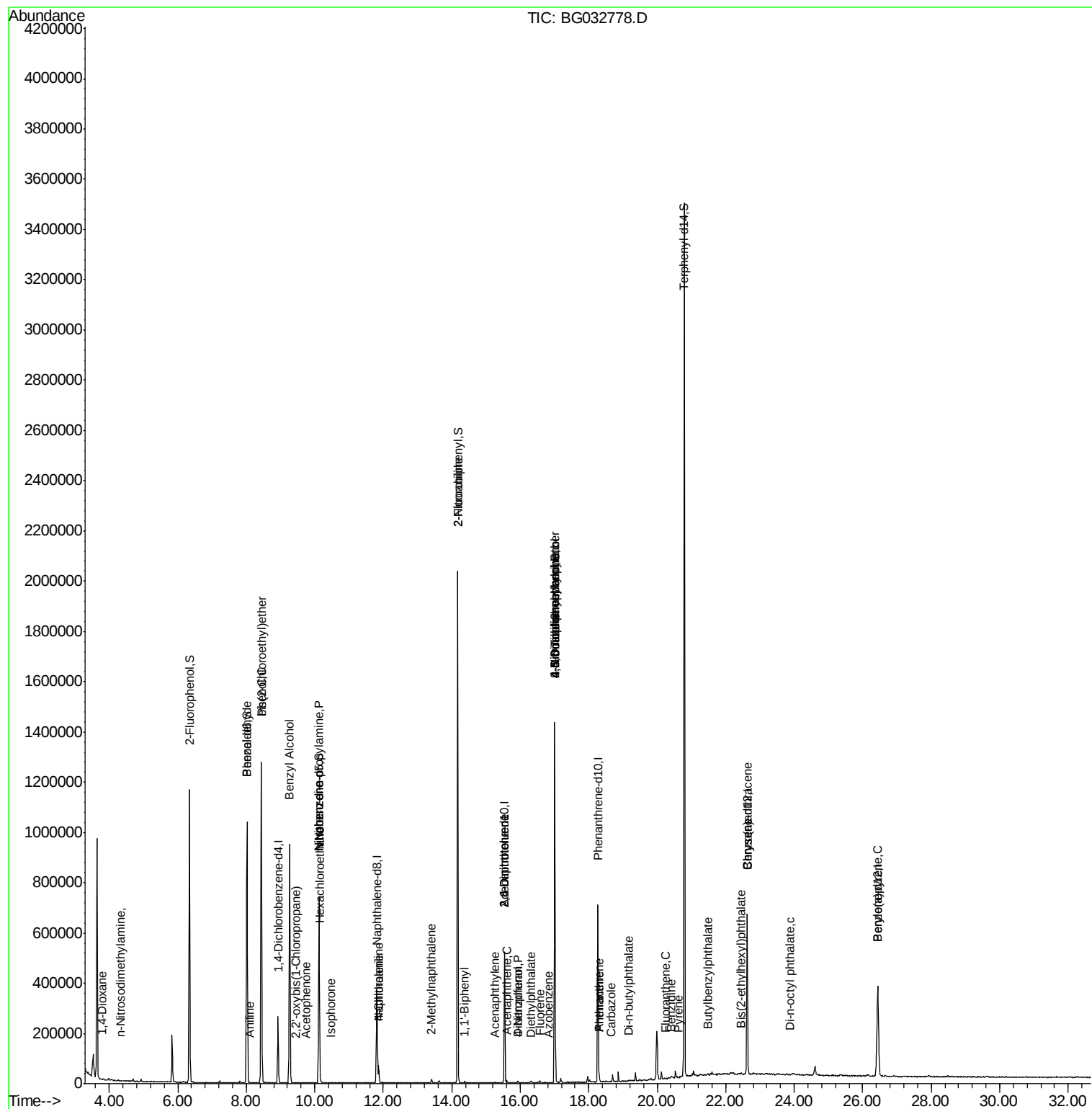
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Di-n-butylphthalate	19.17	149	2241	0.080	ng	# 92
74) Fluoranthene	20.26	202	1766	0.069	ng	90
76) Benizidine	20.42	184	4655	0.339	ng	# 92
77) Pyrene	20.62	202	1250	0.044	ng	# 77
79) Butylbenzylphthalate	21.49	149	770	0.061	ng	# 70
80) Benzo(a)anthracene	22.63	228	1139	0.044	ng	# 68
82) Chrysene	22.63	228	1139	0.046	ng	# 63
83) Bis(2-ethylhexyl)phthalate	22.46	149	3433	0.184	ng	# 95
84) Di-n-octyl phthalate	23.89	149	205	0.007	ng	# 1
89) Benzo(a)pyrene	26.44	252	1676	0.068	ng	# 52

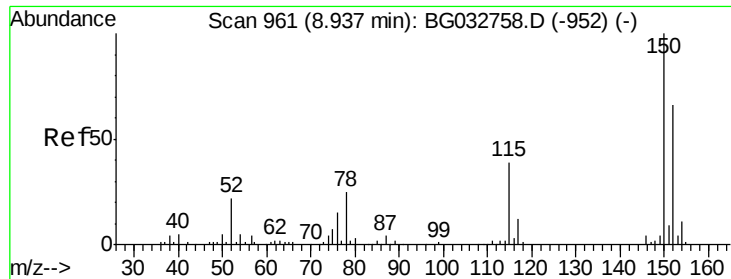
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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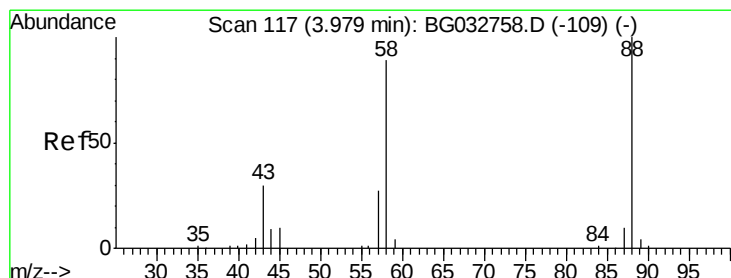
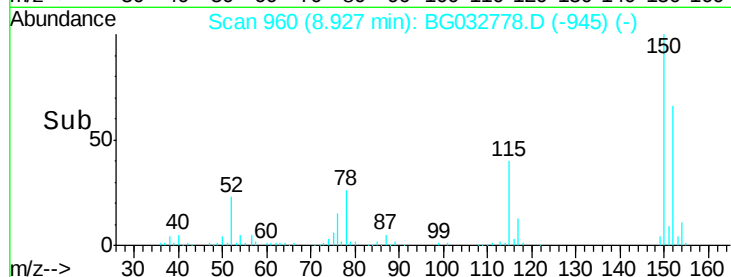
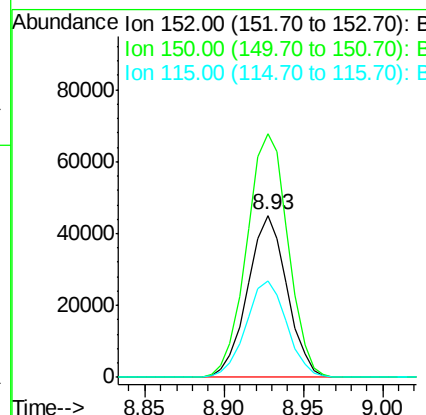
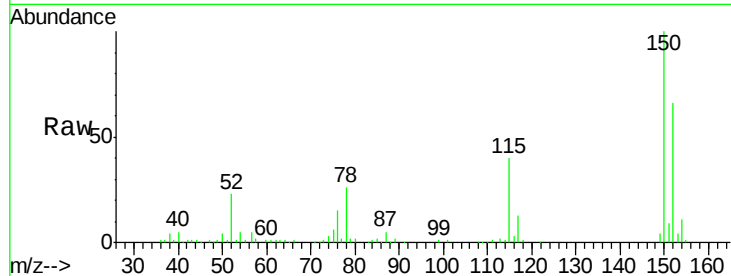


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Instrument :
BNA_G
ClientSampled :
TP-9-10

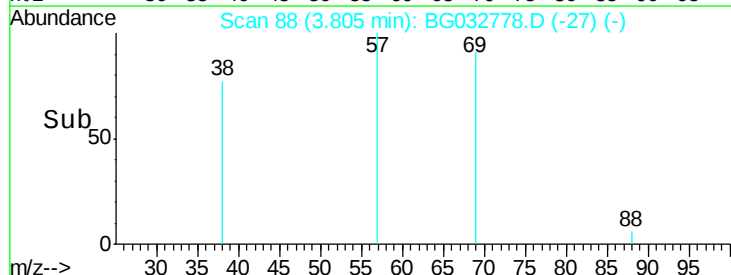
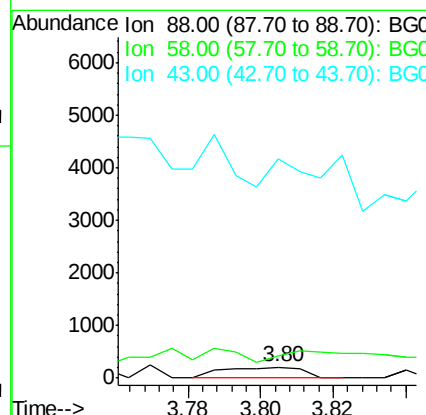
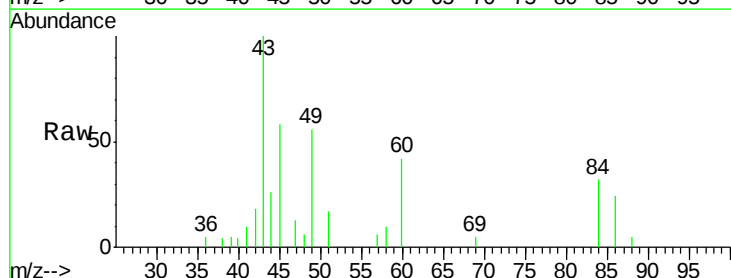
Tot Ion:152 Resp: 77664
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 59.9 53.0 79.4

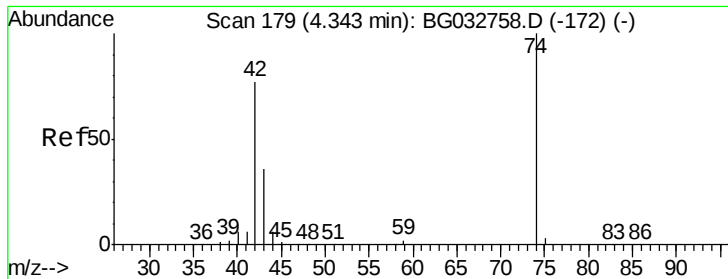


#2

1,4-Dioxane
Concen: 0.154 ng
RT: 3.80 min Scan# 88
Delta R.T. -0.17 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Tgt Ion: 88 Resp: 324
Ion Ratio Lower Upper
88 100
58 125.3 79.6 119.4#
43 0.0 27.4 41.0#



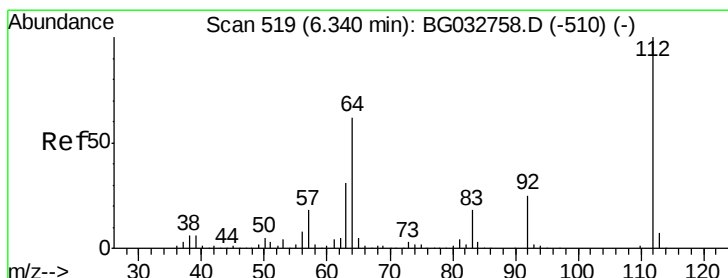
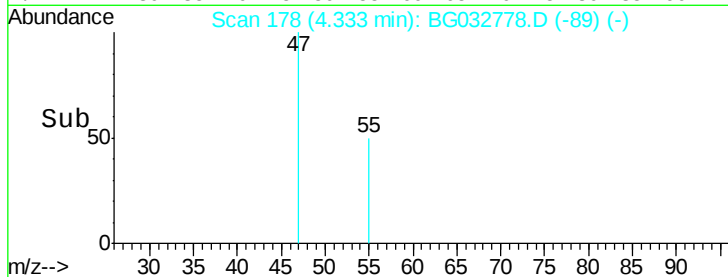
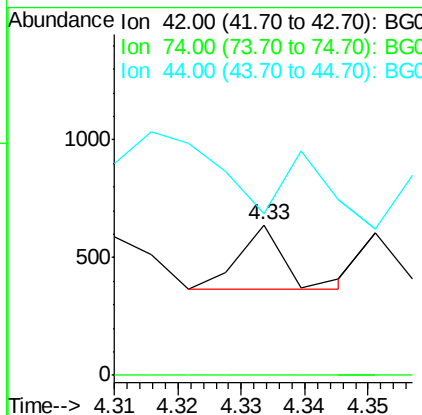
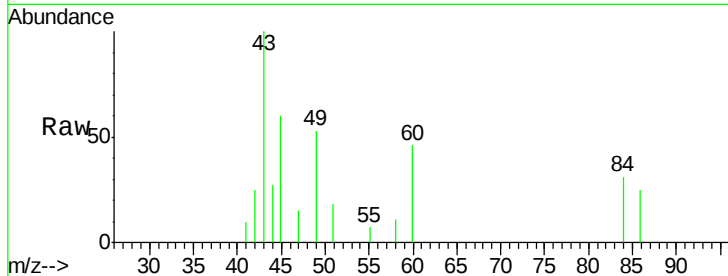


#4

n-Nitrosodimethylamine
 Concen: 0.061 ng
 RT: 4.33 min Scan# 178
 Delta R.T. -0.01 min
 Lab File: BG032778.D
 Acq: 22 Feb 2018 4:08

Instrument :
 BNA_G
 ClientSampleId :
 TP-9-10

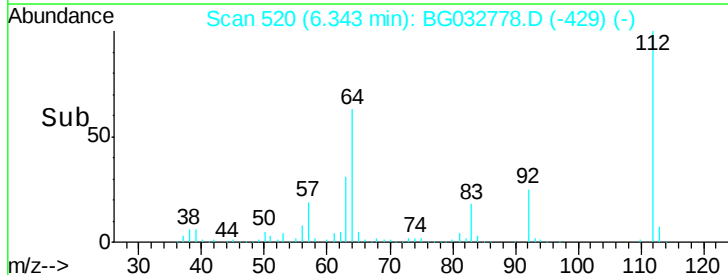
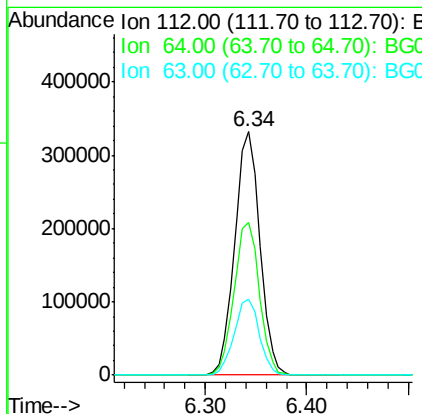
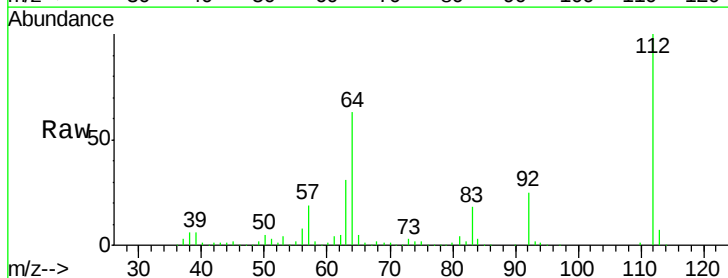
Tot Ion: 42 Resp: 143
 Ion Ratio Lower Upper
 42 100
 74 0.0 102.5 153.7#
 44 107.3 18.9 28.3#

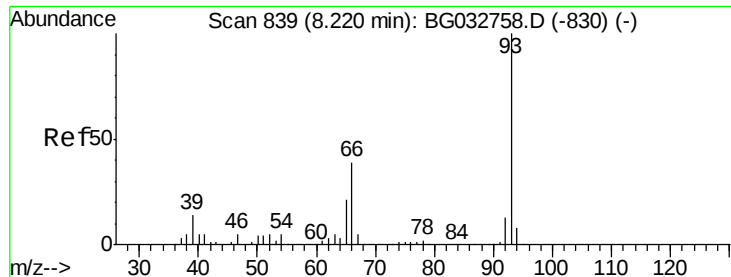


#5

2-Fluorophenol
 Concen: 117.984 ng
 RT: 6.34 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BG032778.D
 Acq: 22 Feb 2018 4:08

Tgt Ion: 112 Resp: 572748
 Ion Ratio Lower Upper
 112 100
 64 62.6 56.3 84.5
 63 31.4 30.1 45.1





#6

Aniline

Concen: 0.006 ng

RT: 8.10 min Scan# 820

Delta R.T. -0.12 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampled :

TP-9-10

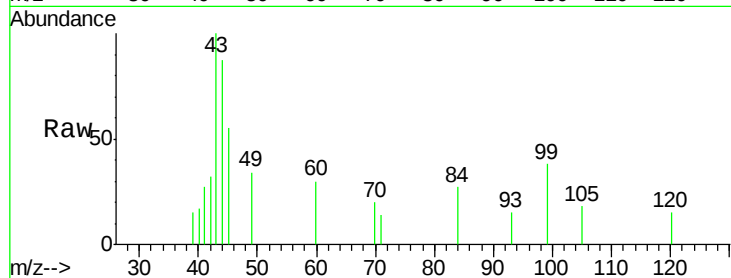
Tot Ion: 93 Resp: 58

Ion Ratio Lower Upper

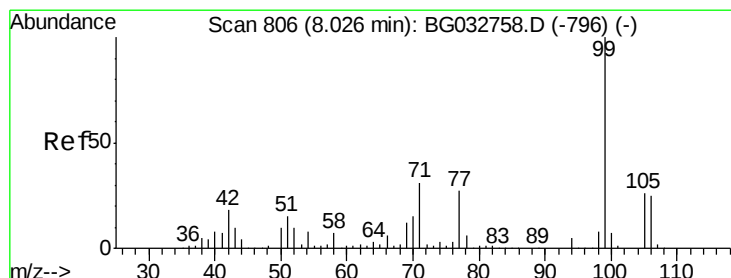
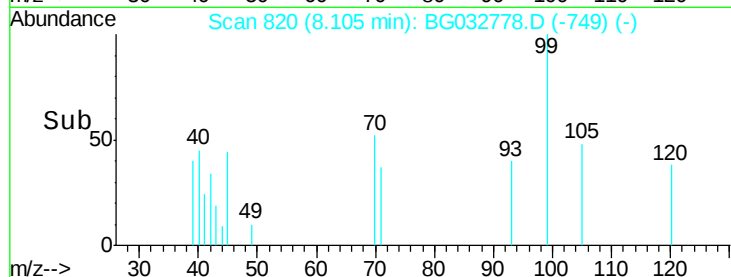
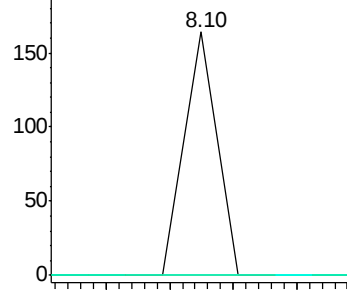
93 100

66 0.0 33.7 50.5#

65 0.0 16.1 24.1#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 99.439 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

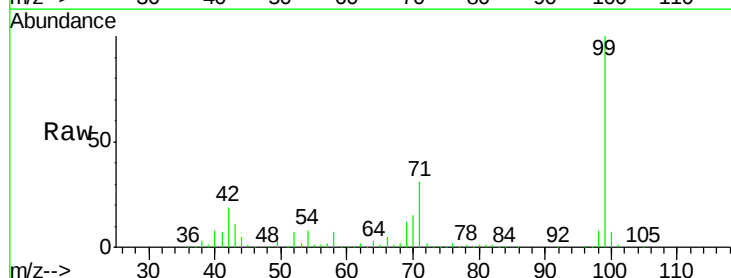
Tgt Ion: 99 Resp: 672843

Ion Ratio Lower Upper

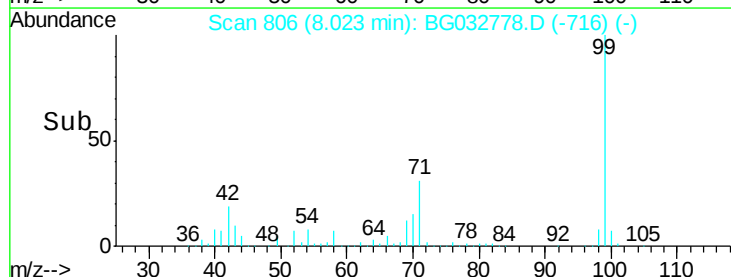
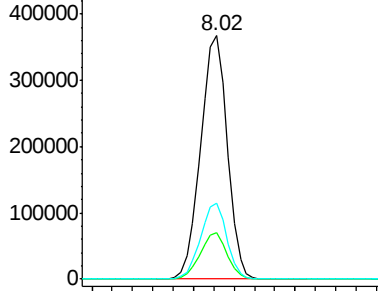
99 100

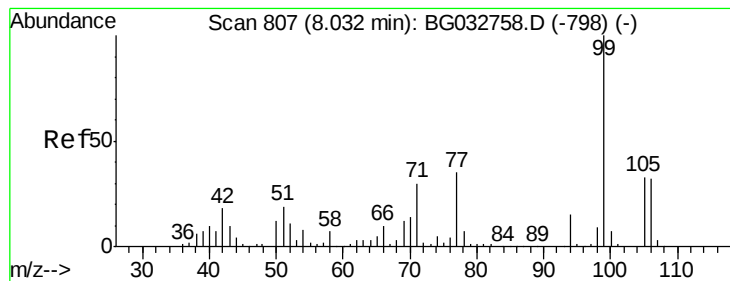
42 18.9 14.1 21.1

71 31.4 26.1 39.1



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

Benzaldehyd

Concen: 0.301 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampled :

TP-9-10

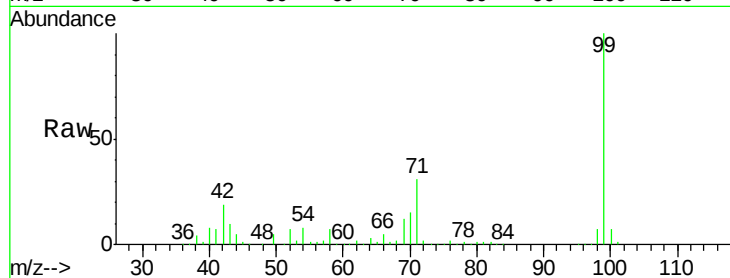
Tot Ion: 77 Resp: 1173

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

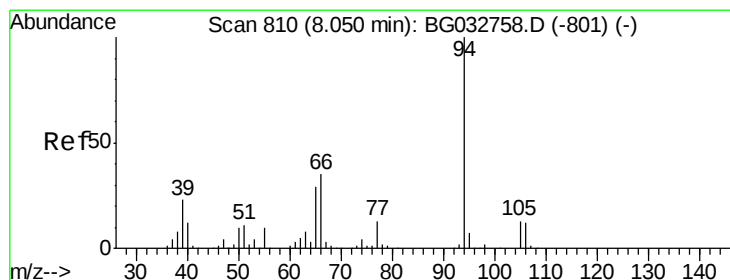
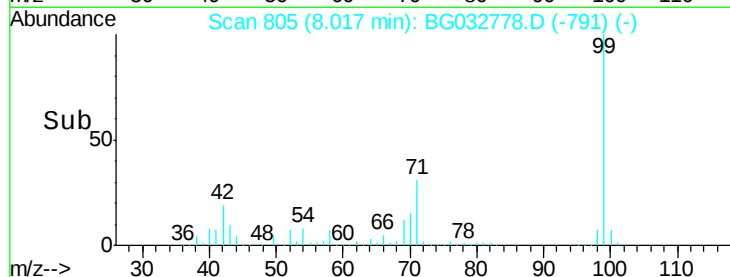
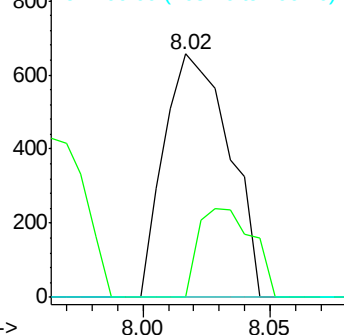
106 0.0 64.2 104.2#



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



#10

Phenol

Concen: 0.202 ng

RT: 8.43 min Scan# 876

Delta R.T. 0.38 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

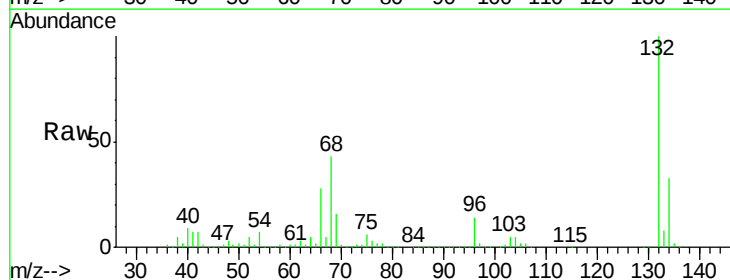
Tgt Ion: 94 Resp: 1381

Ion Ratio Lower Upper

94 100

65 758.6 11.9 51.9#

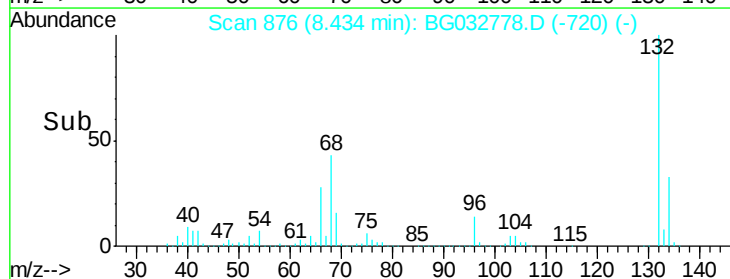
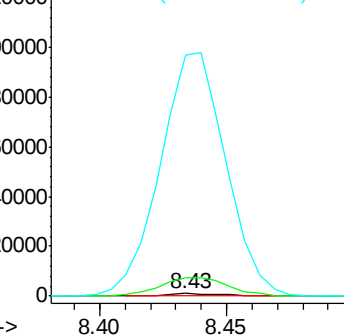
66 9944.9 22.2 62.2#

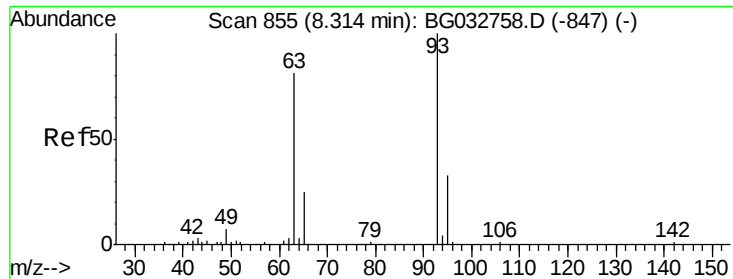


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

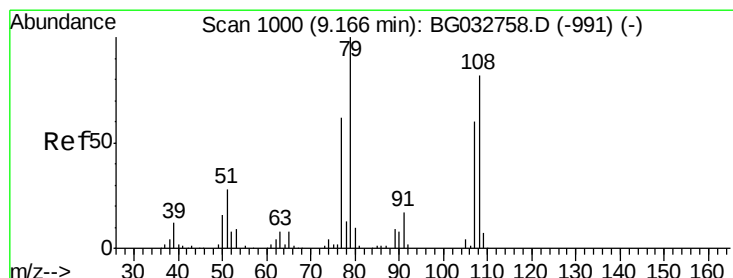
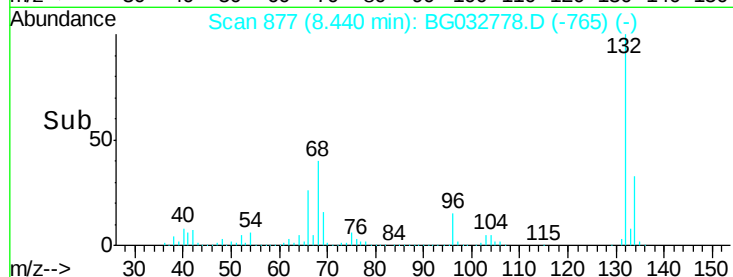
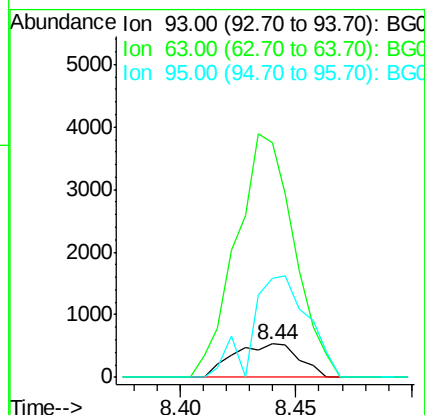
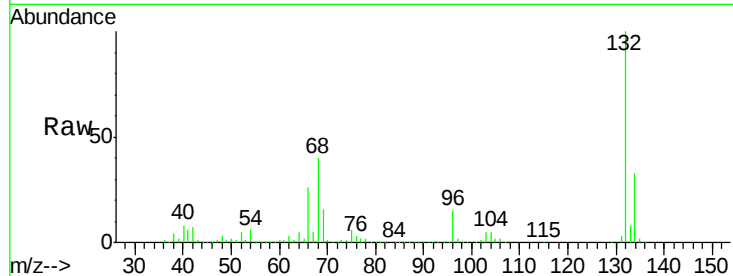




#11
 bis(2-Chloroethyl)ether
 Concen: 0.189 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.13 min
 Lab File: BG032778.D
 Acq: 22 Feb 2018 4:08

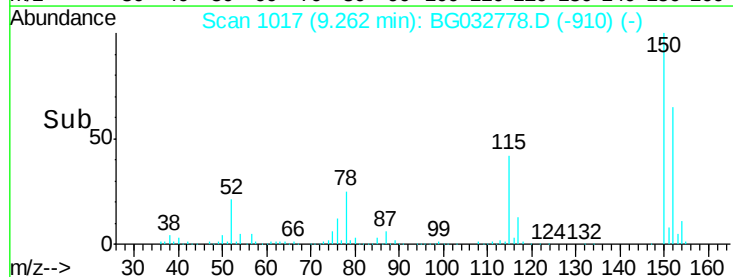
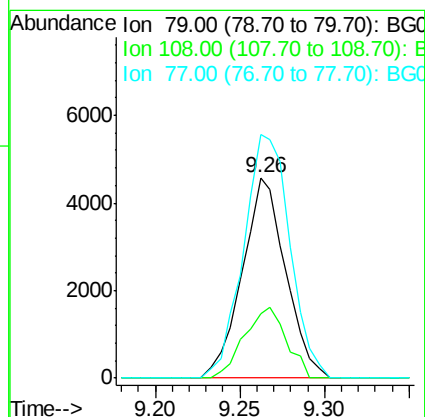
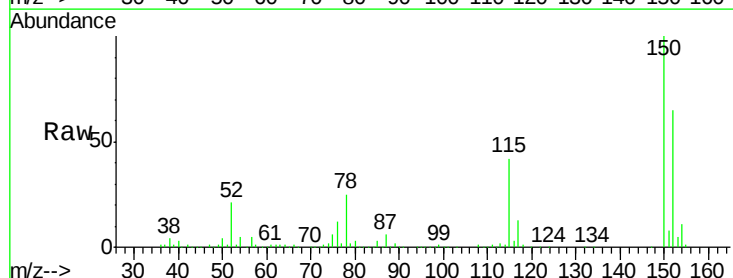
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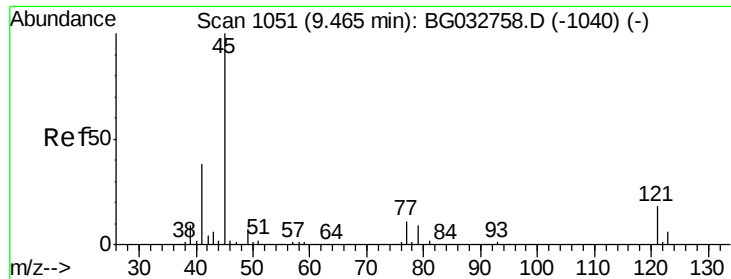
Tot Ion: 93 Resp: 1056
 Ion Ratio Lower Upper
 93 100
 63 699.8 67.1 107.1#
 95 296.8 11.5 51.5#



#15
 Benzyl Alcohol
 Concen: 1.644 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.10 min
 Lab File: BG032778.D
 Acq: 22 Feb 2018 4:08

Tgt Ion: 79 Resp: 8177
 Ion Ratio Lower Upper
 79 100
 108 32.4 57.2 85.8#
 77 121.5 46.1 69.1#





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 0.010 ng

RT: 9.45 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

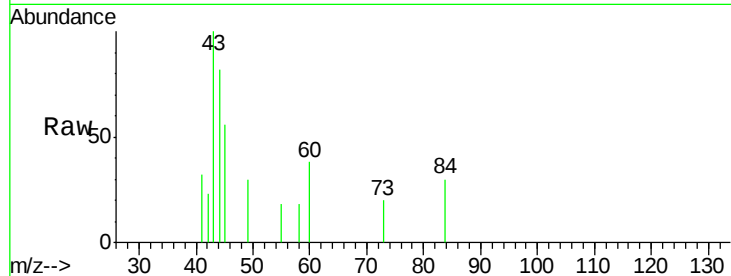
Tot Ion: 45 Resp: 100

Ion Ratio Lower Upper

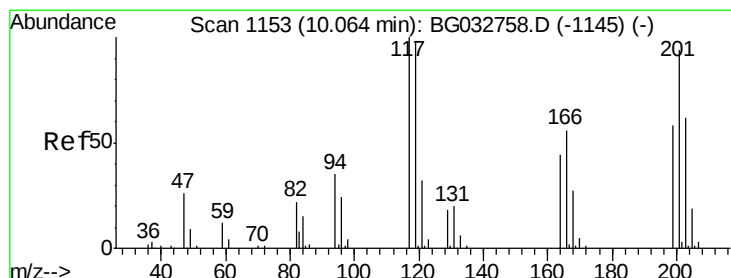
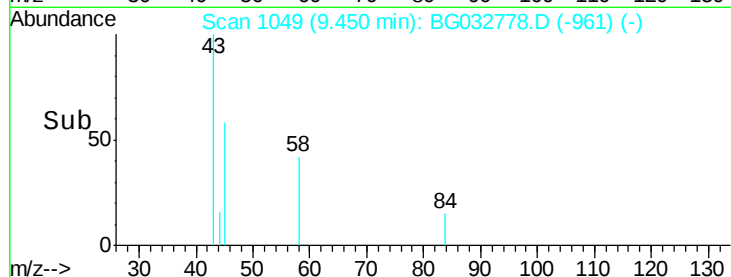
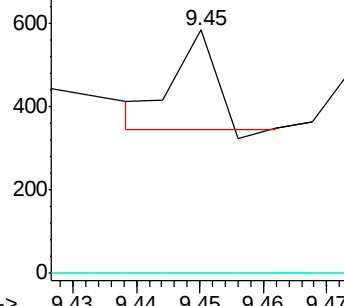
45 100

77 0.0 0.0 30.2

79 0.0 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 0.055 ng

RT: 10.14 min Scan# 1167

Delta R.T. 0.08 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

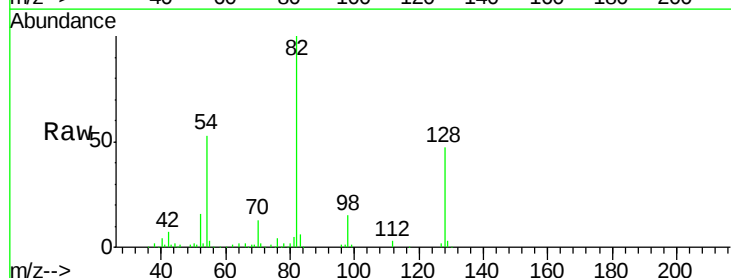
Tgt Ion: 117 Resp: 118

Ion Ratio Lower Upper

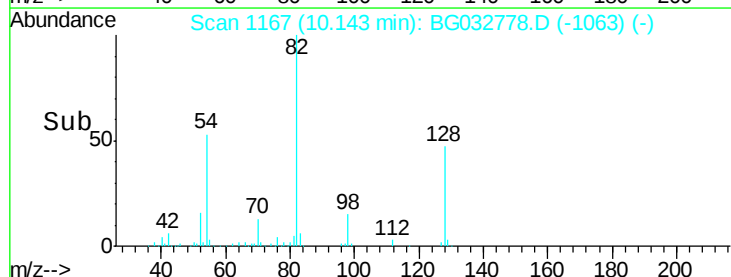
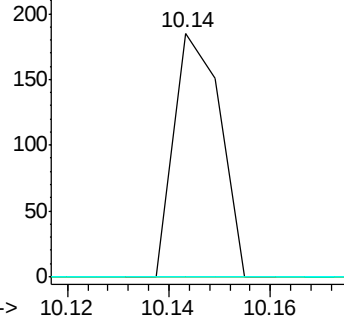
117 100

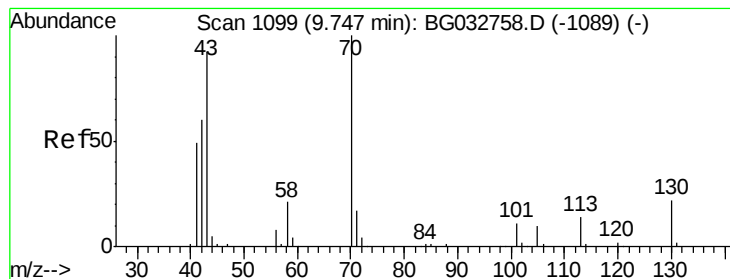
119 0.0 76.7 115.1#

201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 12.656 ng

RT: 10.13 min Scan# 1164

Delta R.T. 0.38 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

Tot Ion: 70 Resp: 60457

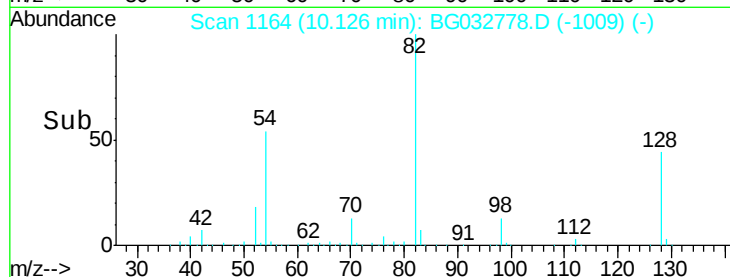
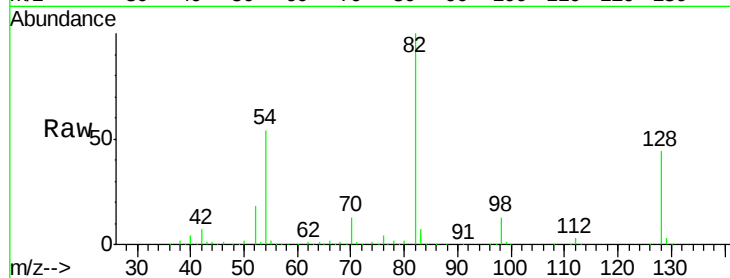
Ion Ratio Lower Upper

70 100

42 53.8 49.1 73.7

101 0.0 8.5 12.7#

130 2.5 13.4 20.0#

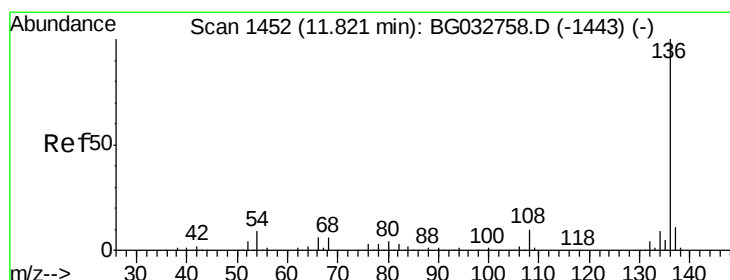
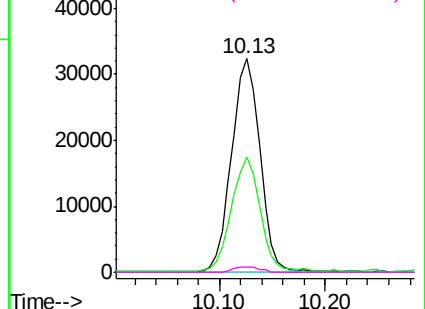


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.81 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Tgt Ion: 136 Resp: 334716

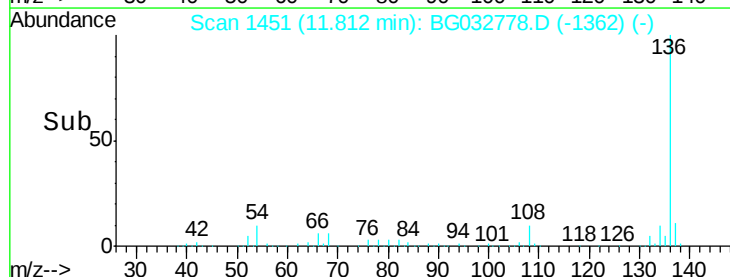
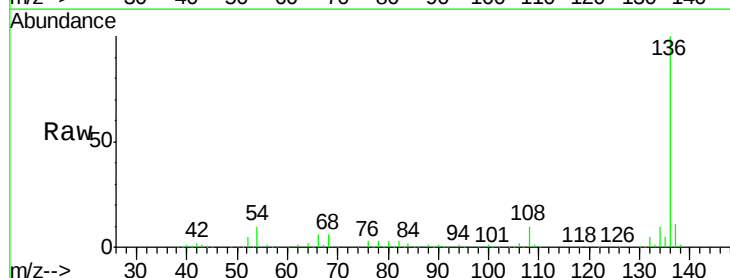
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 9.6 10.3 15.5#

68 6.3 4.5 6.7

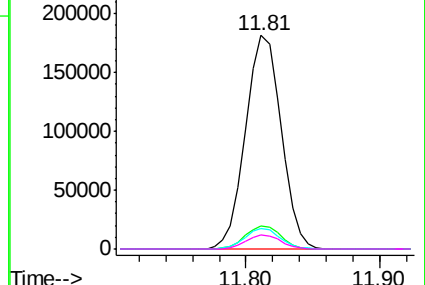


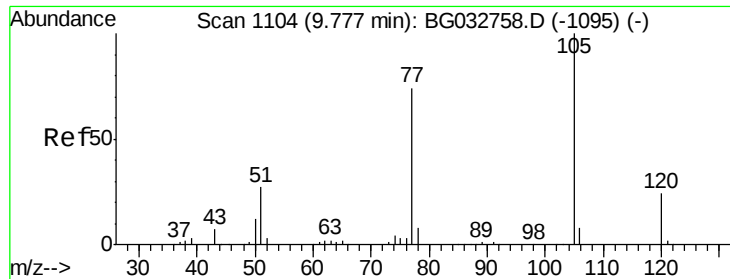
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 0.078 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

Tot Ion: 105 Resp: 658

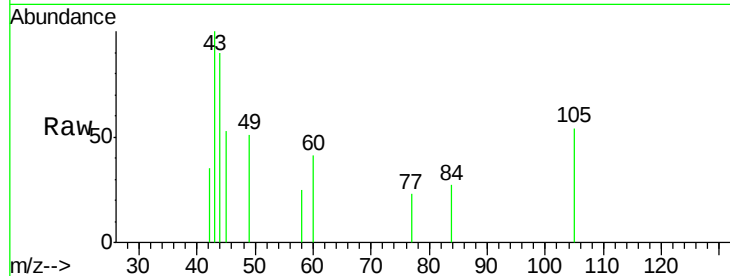
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 0.0 26.1 39.1#

120 0.0 17.4 26.2#

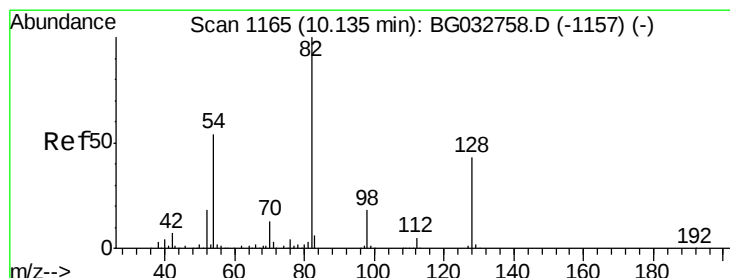
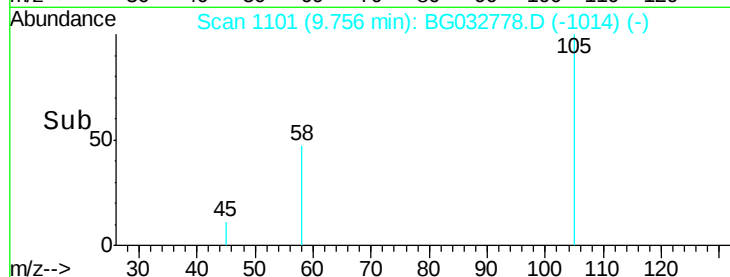
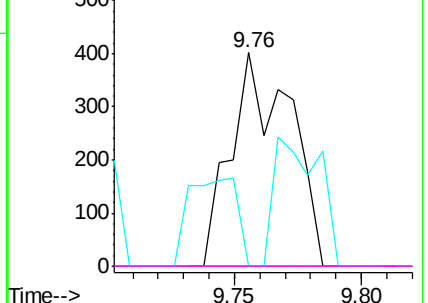


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 95.126 ng

RT: 10.13 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

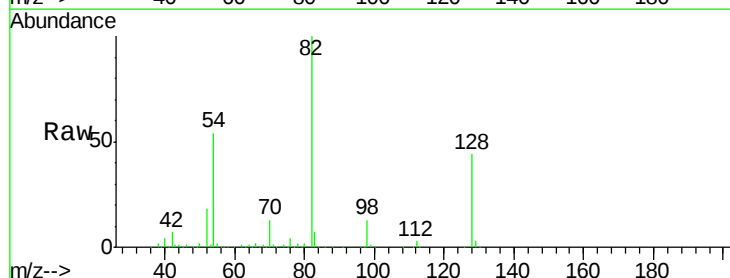
Tgt Ion: 82 Resp: 465272

Ion Ratio Lower Upper

82 100

128 44.4 29.7 44.5

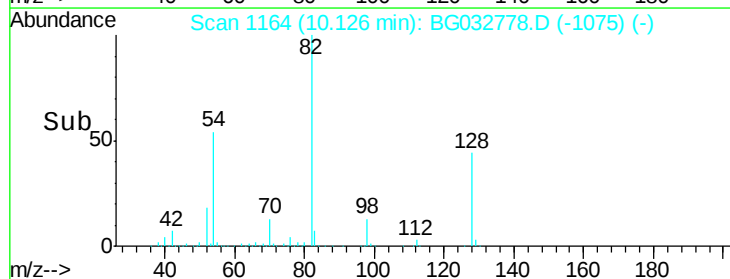
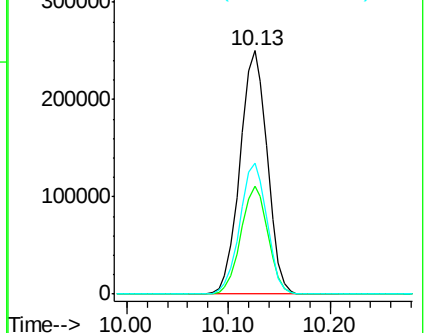
54 53.9 43.1 64.7

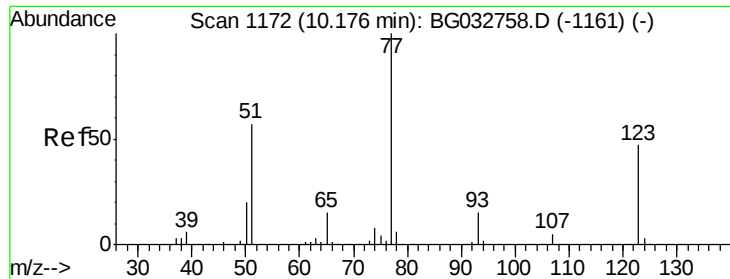


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

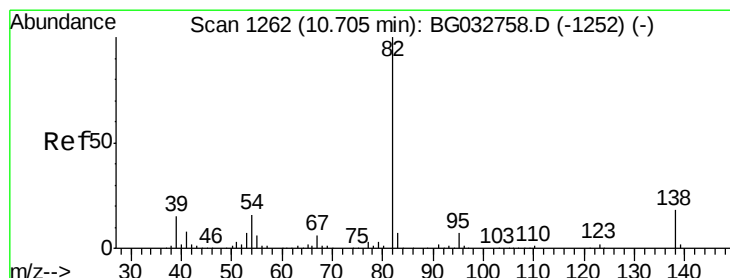
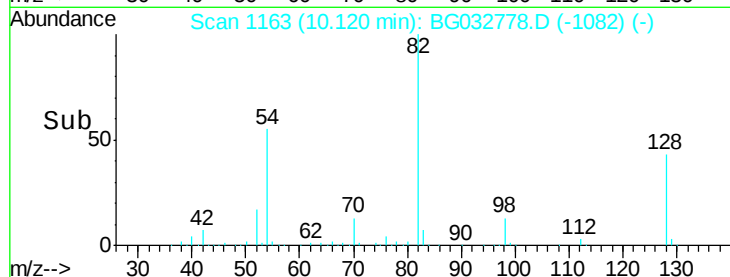
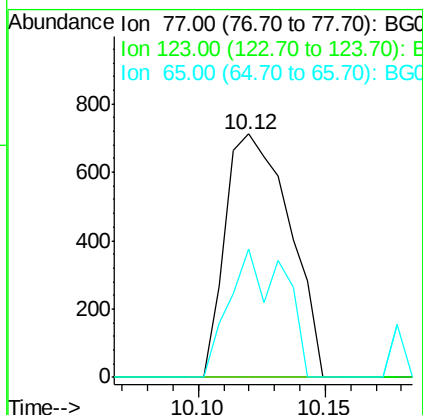
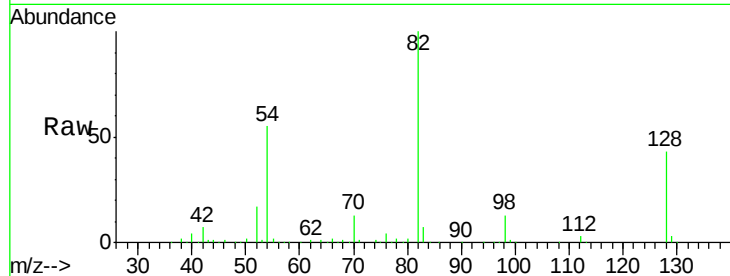




#24
Nitrobenzene
Concen: 6.584 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.06 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

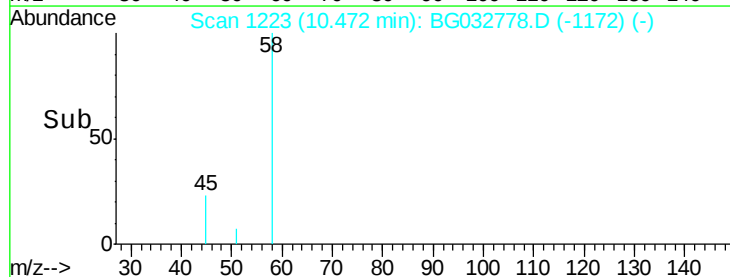
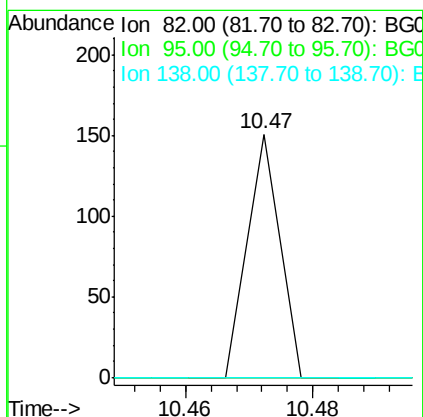
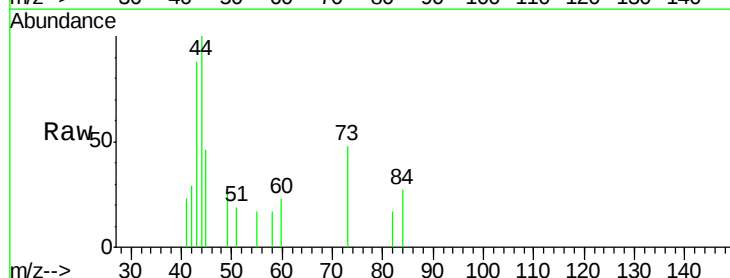
Instrument :
BNA_G
ClientSampleId :
TP-9-10

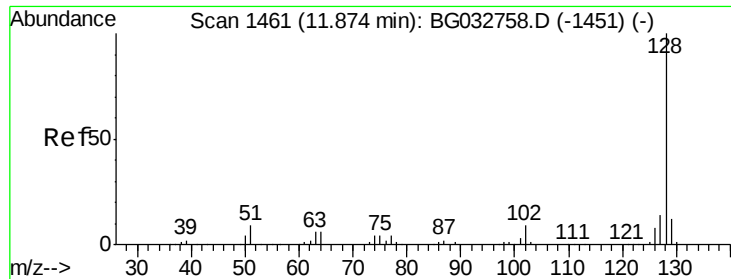
Tot Ion: 77 Resp: 1256
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 52.5 13.0 19.6#



#25
Isophorone
Concen: 0.005 ng
RT: 10.47 min Scan# 1223
Delta R.T. -0.23 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Tgt Ion: 82 Resp: 53
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.1 18.1#

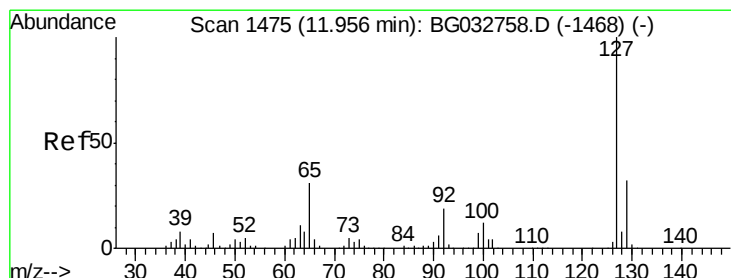
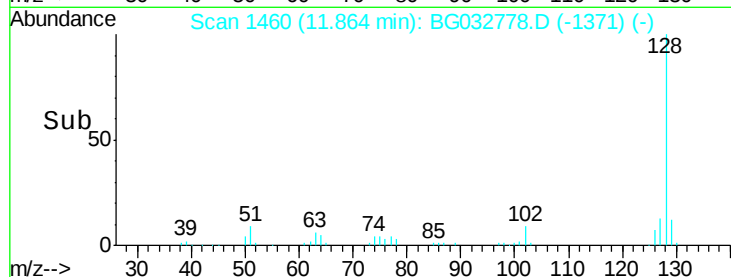
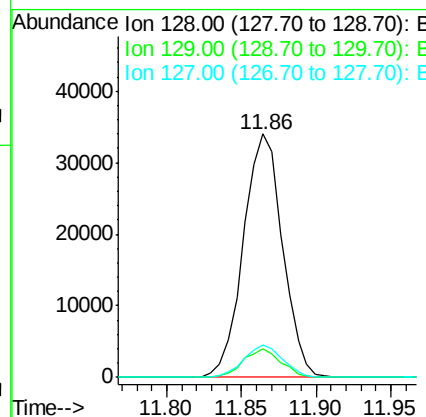
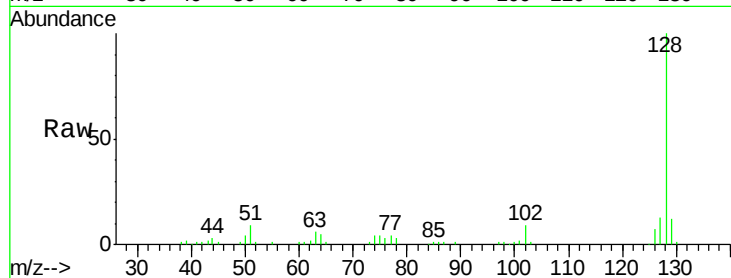




#31
Naphthalene
Concen: 3.521 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

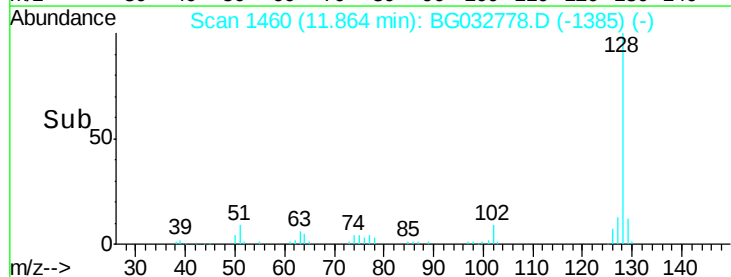
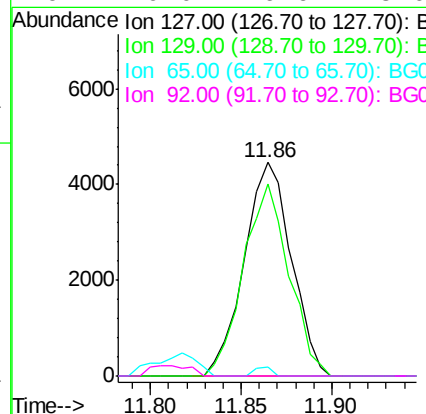
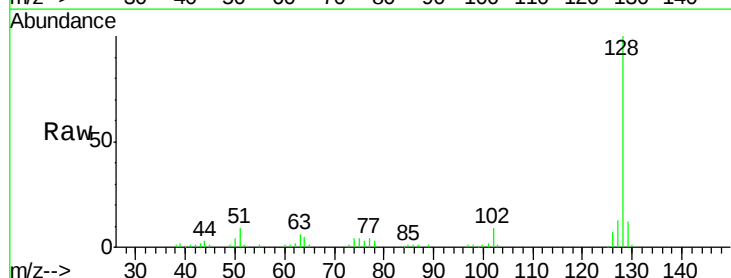
Instrument :
BNA_G
ClientSampleId :
TP-9-10

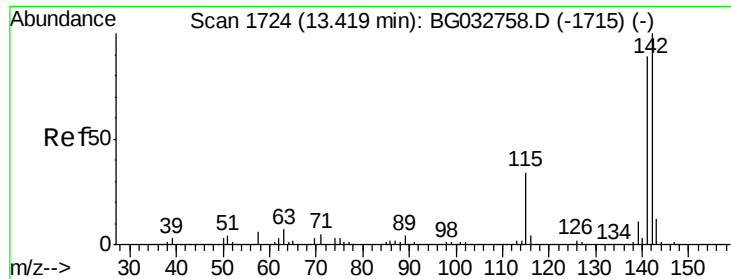
Tot Ion:128 Resp: 61591
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 13.1 11.6 17.4



#33
4-Chloroaniline
Concen: 1.028 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.09 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Tgt Ion:127 Resp: 8042
Ion Ratio Lower Upper
127 100
129 89.9 24.0 36.0#
65 4.2 27.0 40.4#
92 0.0 16.6 25.0#

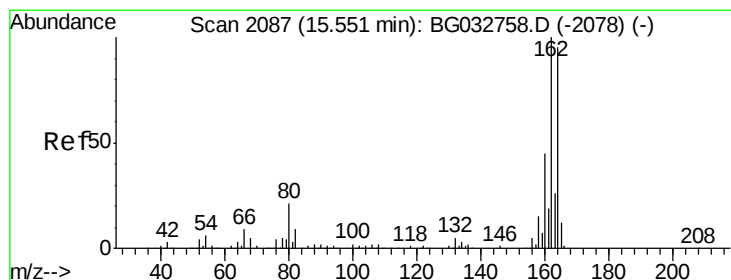
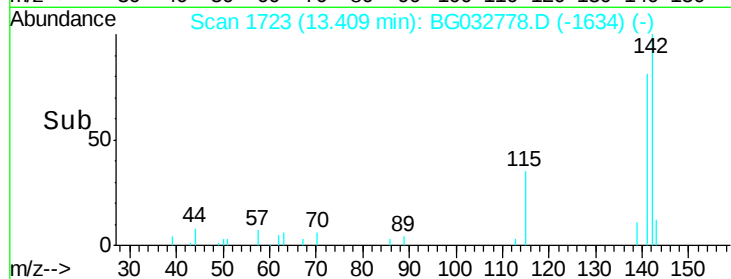
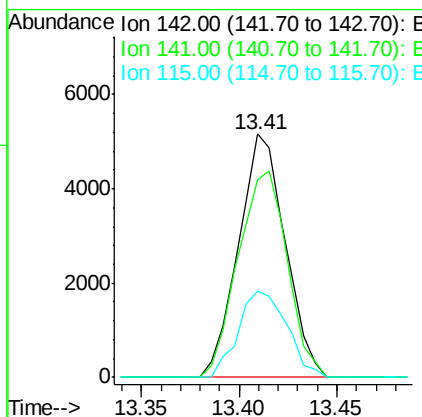
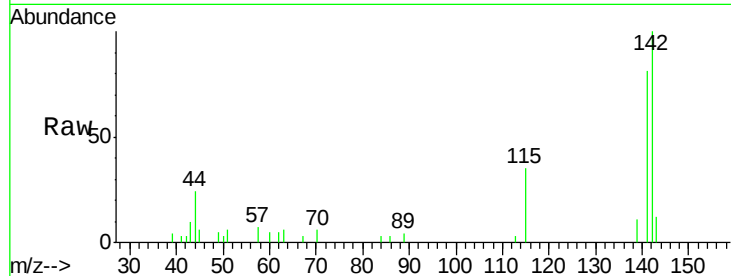




#37
2-Methylnaphthalene
Concen: 0.675 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

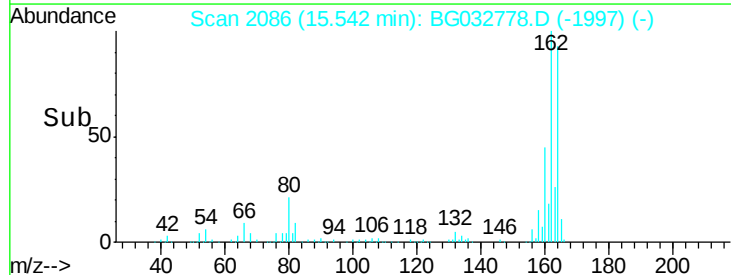
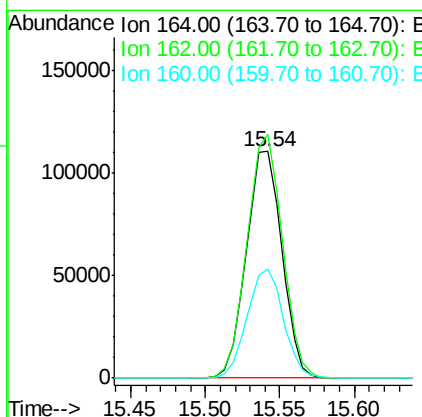
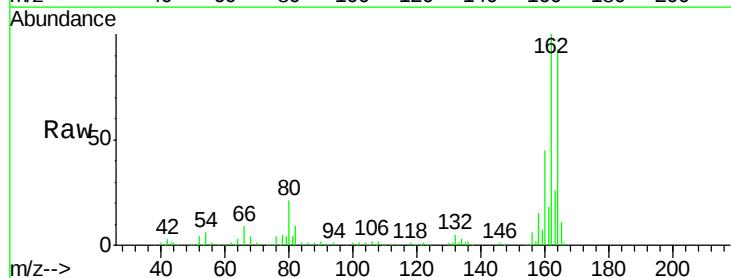
Instrument :
BNA_G
ClientSampleId :
TP-9-10

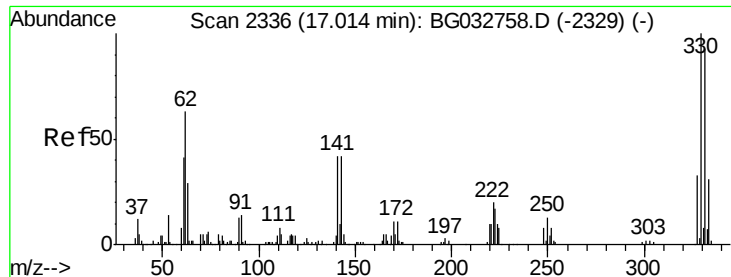
Tot Ion:142 Resp: 8539
Ion Ratio Lower Upper
142 100
141 80.9 67.1 100.7
115 35.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Tgt Ion:164 Resp: 182525
Ion Ratio Lower Upper
164 100
162 107.4 78.8 118.2
160 48.4 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 138.585 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

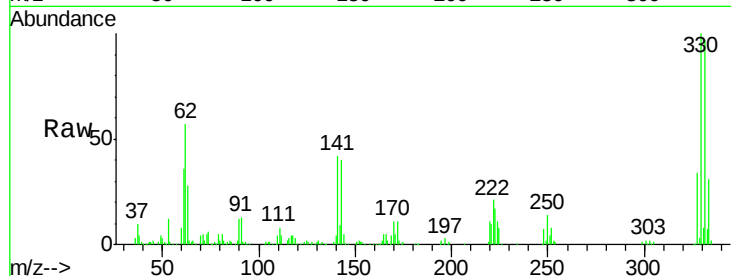
Tot Ion:330 Resp: 265971

Ion Ratio Lower Upper

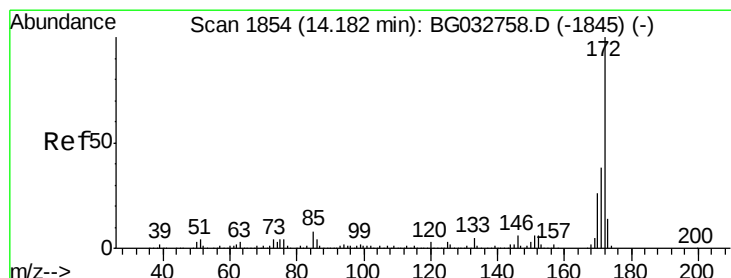
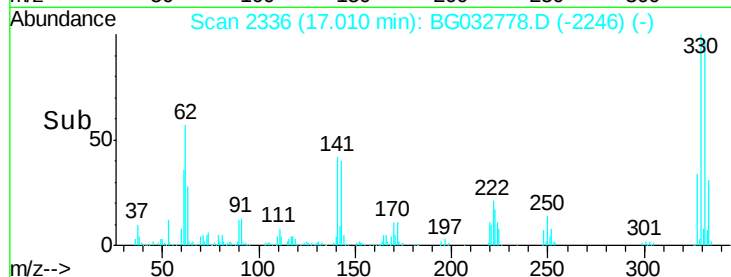
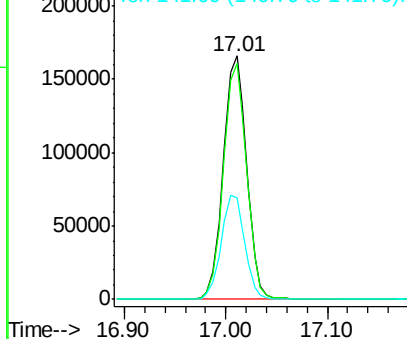
330 100

332 95.8 77.0 115.6

141 42.8 25.2 37.8#



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



#44

2-Fluorobiphenyl

Concen: 83.788 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

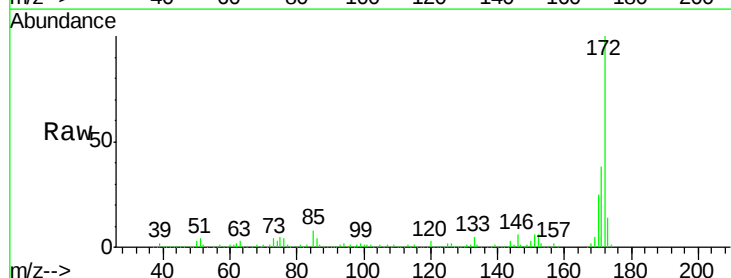
Tgt Ion:172 Resp: 1060386

Ion Ratio Lower Upper

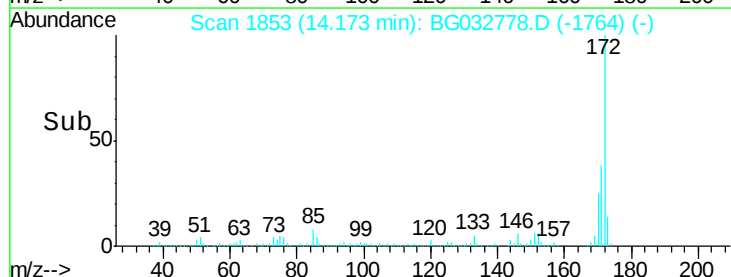
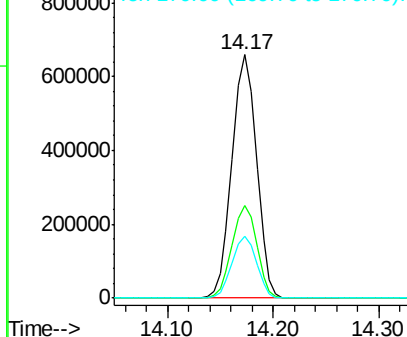
172 100

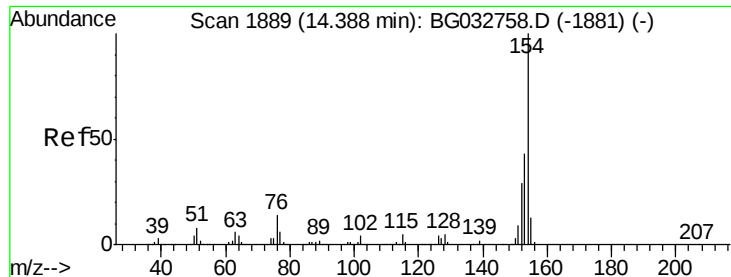
171 38.2 30.0 45.0

170 25.3 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 0.248 ng

RT: 14.38 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

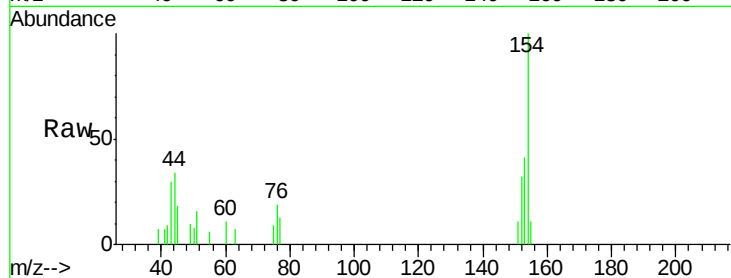
Tot Ion:154 Resp: 3960

Ion Ratio Lower Upper

154 100

153 41.0 19.8 59.8

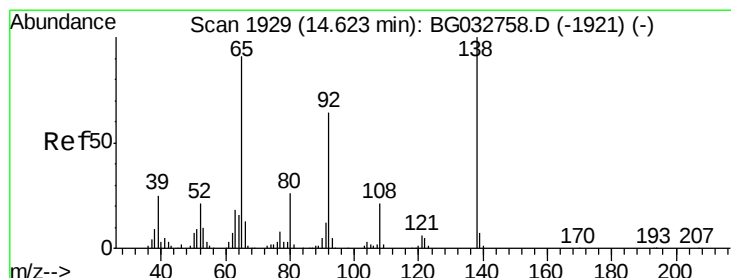
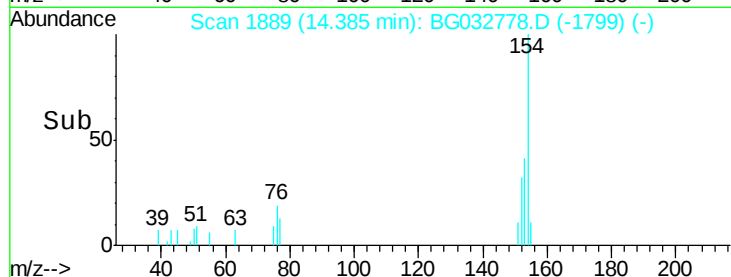
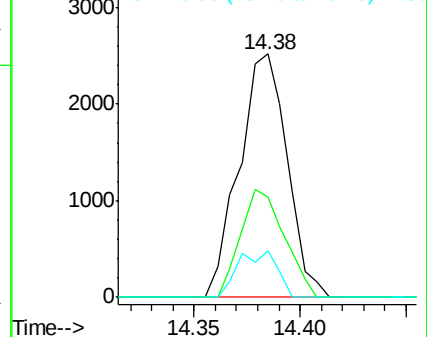
76 19.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#47

2-Nitroaniline

Concen: 10.322 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.45 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

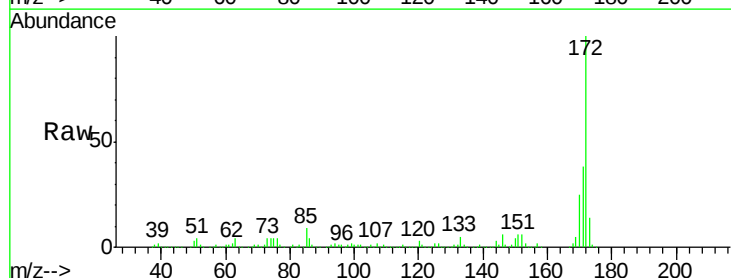
Tgt Ion: 65 Resp: 1836

Ion Ratio Lower Upper

65 100

92 197.7 54.6 82.0#

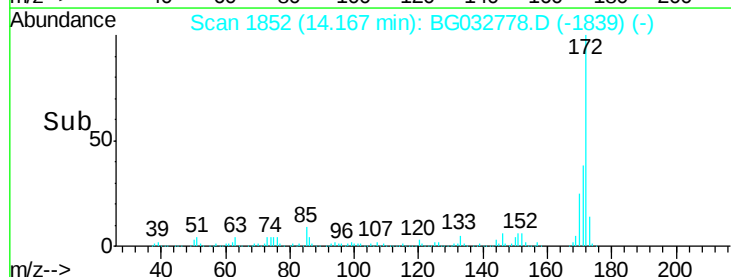
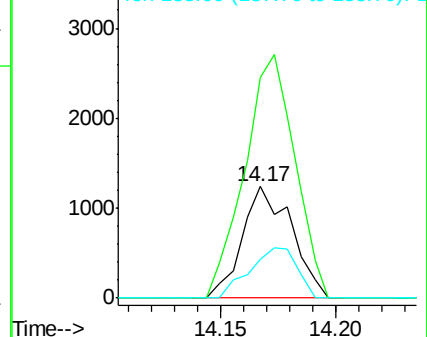
138 35.0 72.9 109.3#

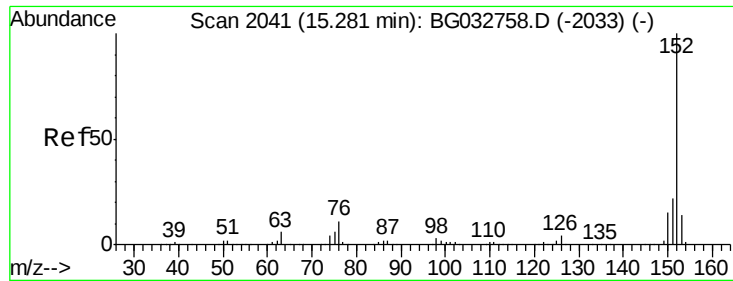


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.090 ng

RT: 15.27 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

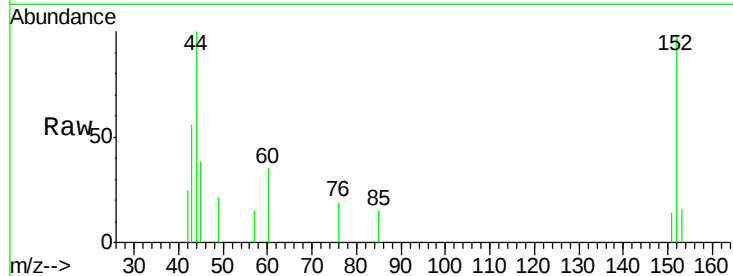
Tot Ion:152 Resp: 1756

Ion Ratio Lower Upper

152 100

151 14.2 17.2 25.8#

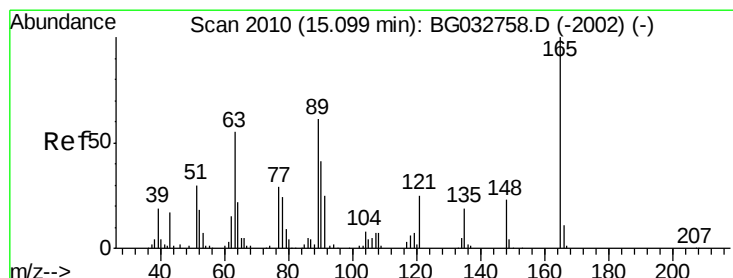
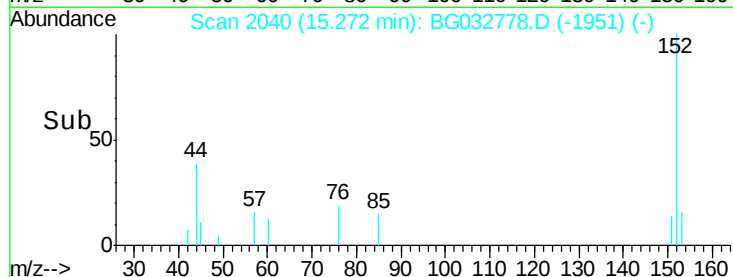
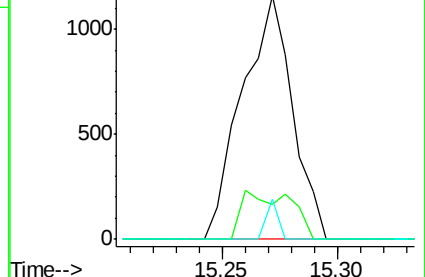
153 16.2 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 16.523 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.44 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

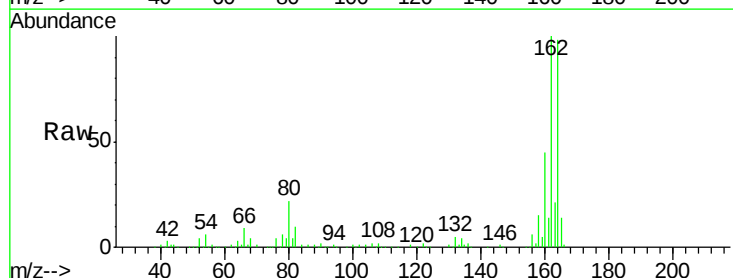
Tgt Ion:165 Resp: 24010

Ion Ratio Lower Upper

165 100

63 1.1 52.7 79.1#

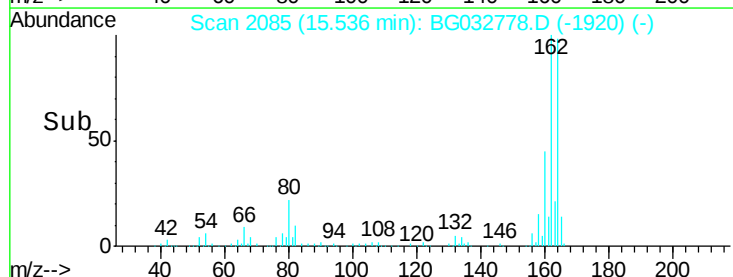
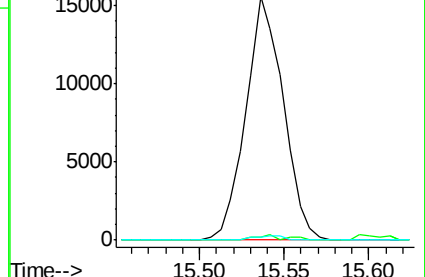
89 1.3 49.2 73.8#

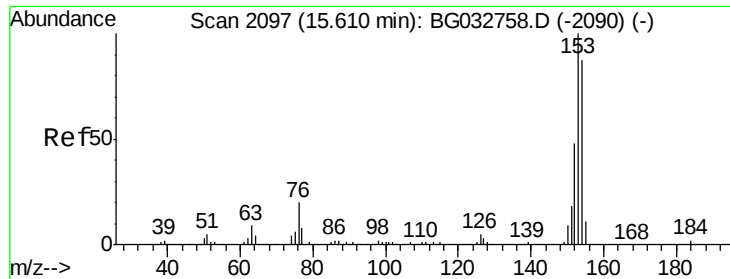


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.419 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

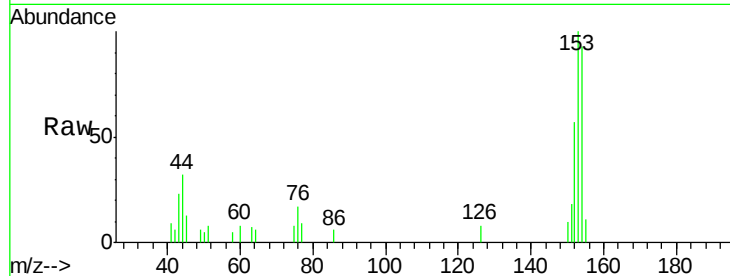
Tot Ion:154 Resp: 5087

Ion Ratio Lower Upper

154 100

153 107.1 90.4 135.6

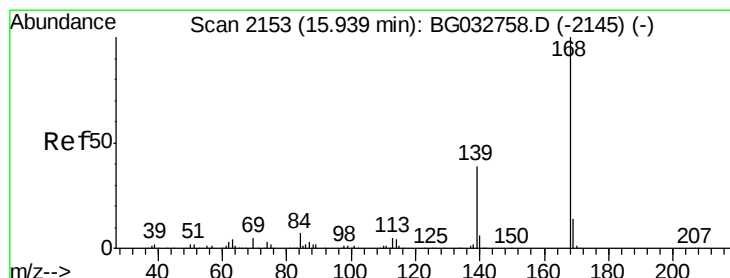
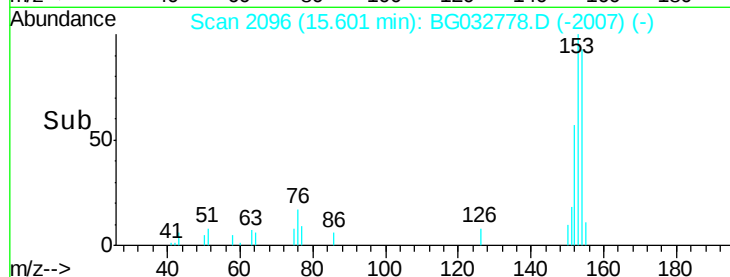
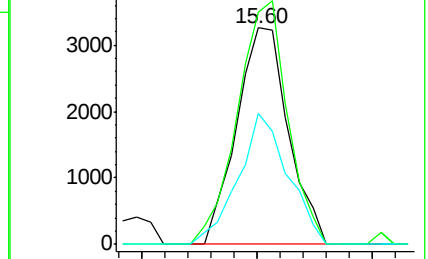
152 60.6 41.6 62.4



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



#54

Dibenzofuran

Concen: 0.321 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

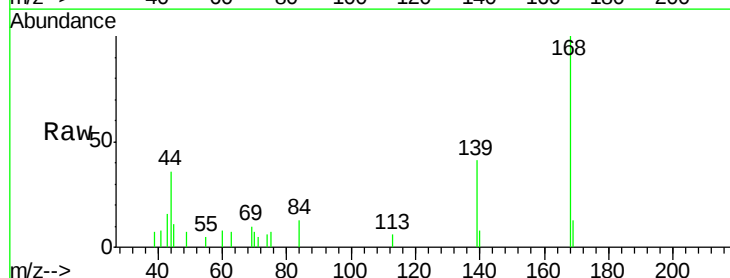
Tgt Ion:168 Resp: 5548

Ion Ratio Lower Upper

168 100

139 41.3 28.6 43.0

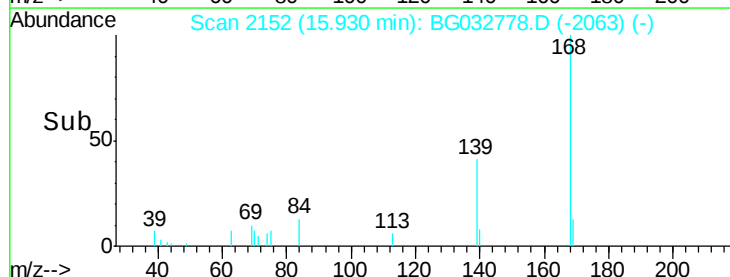
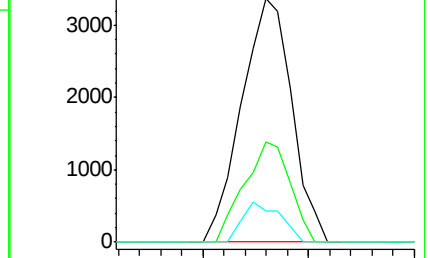
169 12.5 11.2 16.8

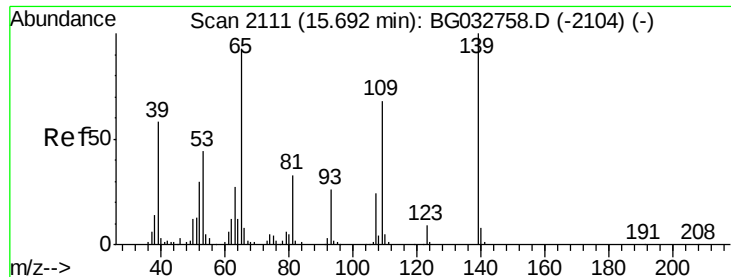


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 7.828 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.24 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

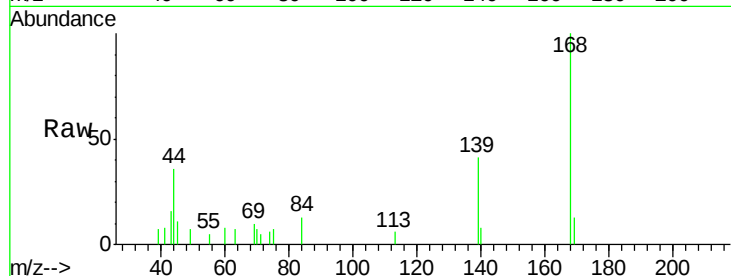
Tot Ion:139 Resp: 2081

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

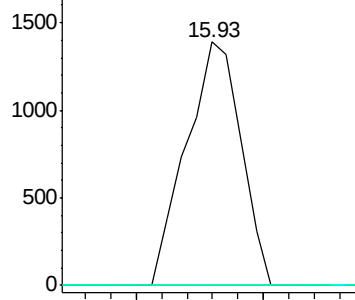
65 0.0 97.2 137.2#



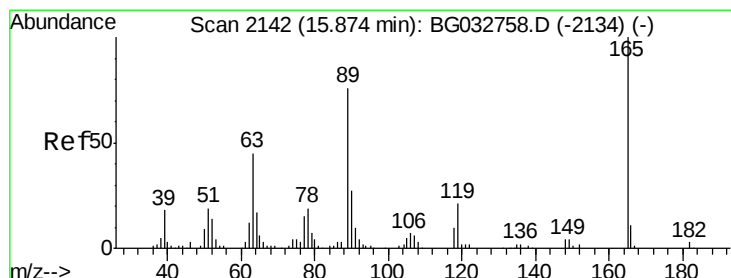
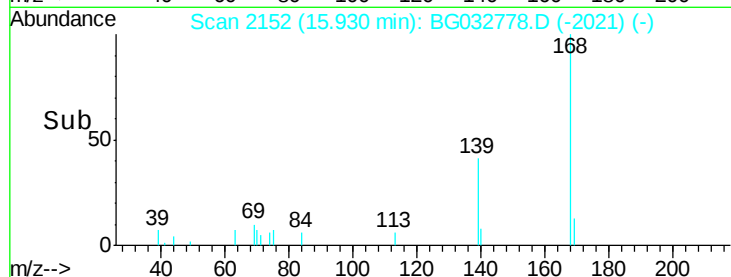
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



Time-->



#56

2,4-Dinitrotoluene

Concen: 14.722 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.34 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Tgt Ion:165 Resp: 24010

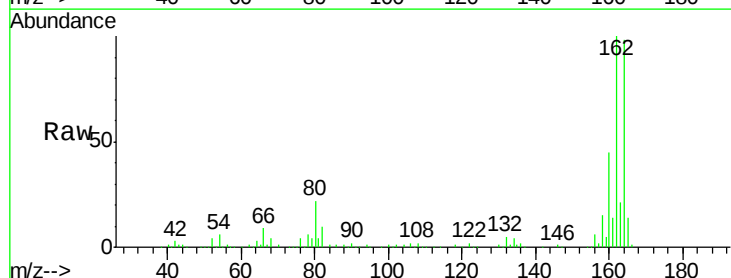
Ion Ratio Lower Upper

165 100

63 1.1 42.0 63.0#

89 1.3 66.9 100.3#

182 0.0 2.6 3.8#

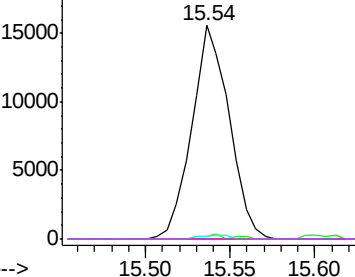


Abundance Ion 165.00 (164.70 to 165.70): E

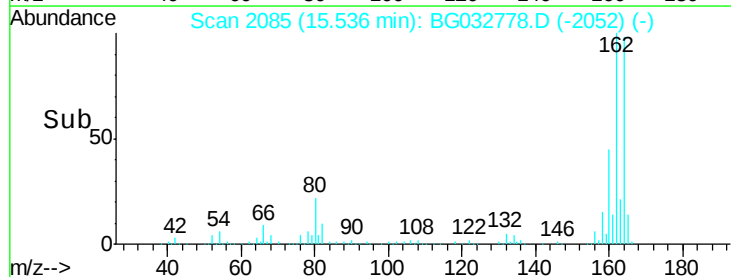
Ion 63.00 (62.70 to 63.70): BGC

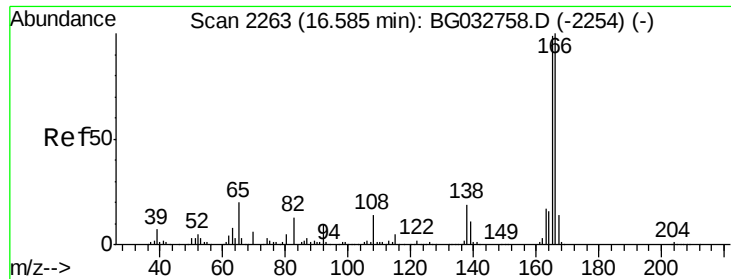
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



Time-->





#57

Fluorene

Concen: 0.303 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

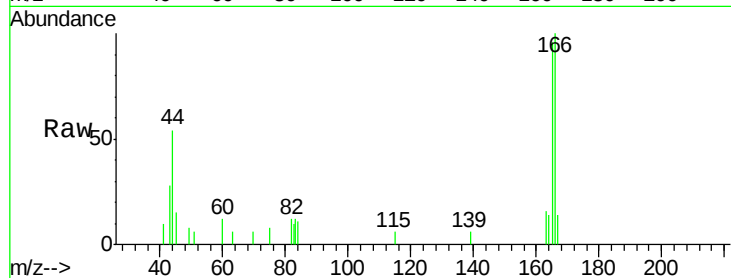
Tot Ion:166 Resp: 4328

Ion Ratio Lower Upper

166 100

165 96.3 80.6 121.0

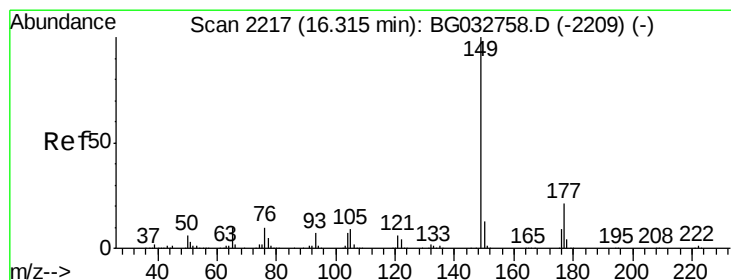
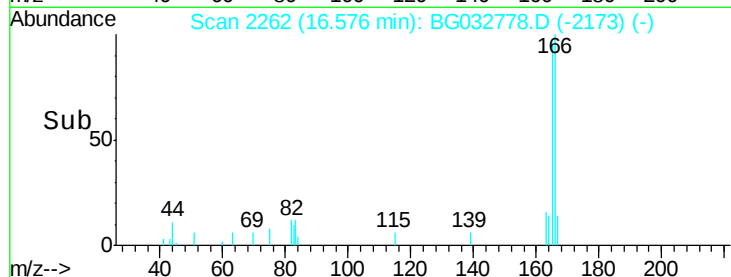
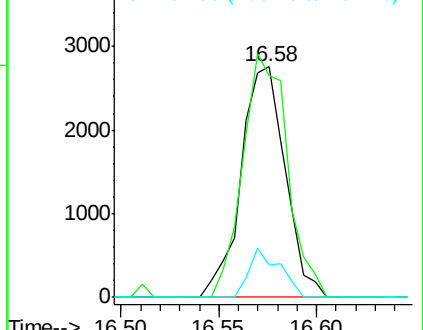
167 14.0 10.4 15.6



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



#59

Diethylphthalate

Concen: 0.123 ng

RT: 16.31 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

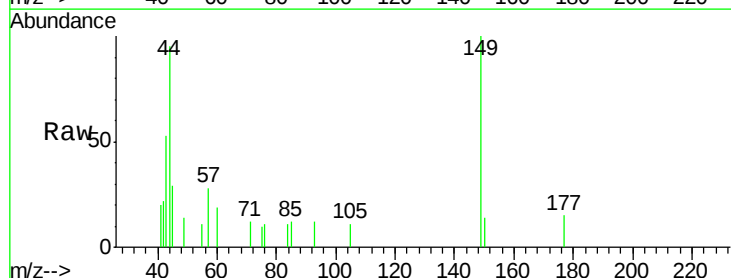
Tgt Ion:149 Resp: 2015

Ion Ratio Lower Upper

149 100

177 14.6 18.5 27.7#

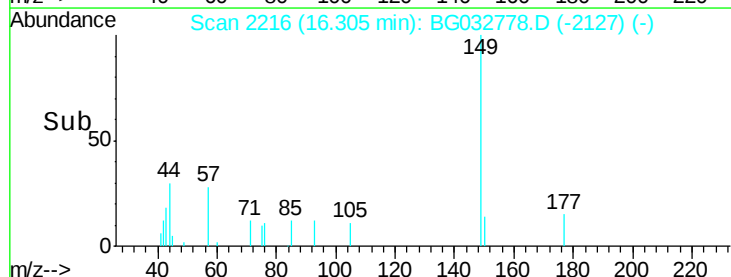
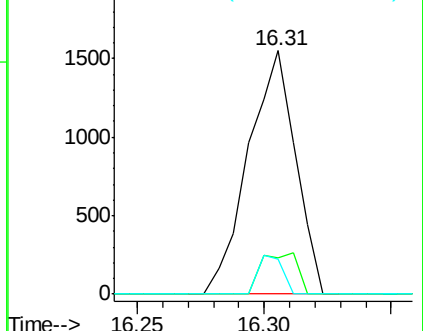
150 14.2 10.2 15.2

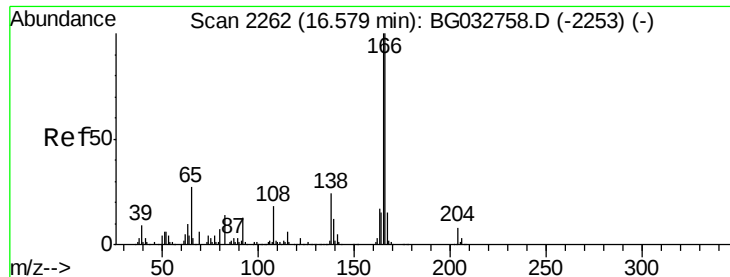


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

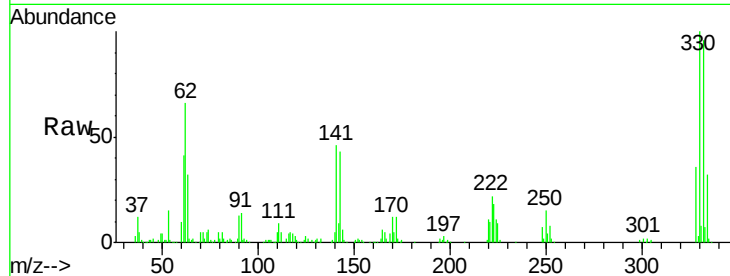




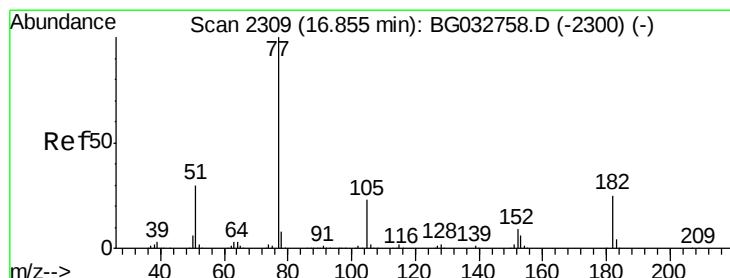
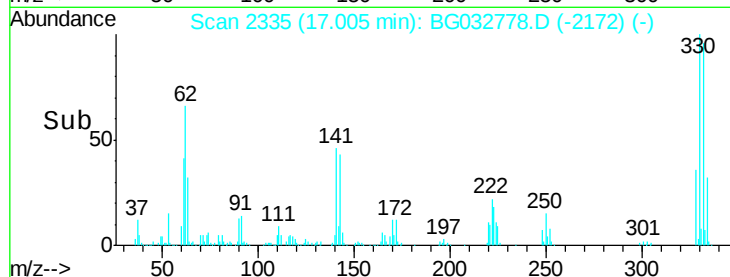
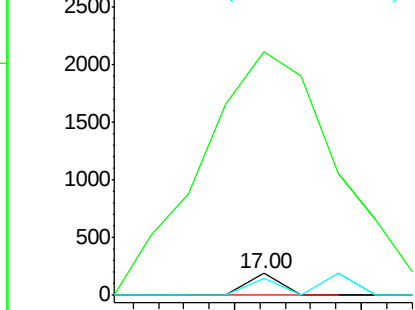
#61
4-Nitroaniline
Concen: 5.317 ng
RT: 17.00 min Scan# 2335
Delta R.T. 0.43 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Instrument :
BNA_G
ClientSampled :
TP-9-10

Tot Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
92 1106.8 40.1 80.1#
108 79.1 65.4 105.4

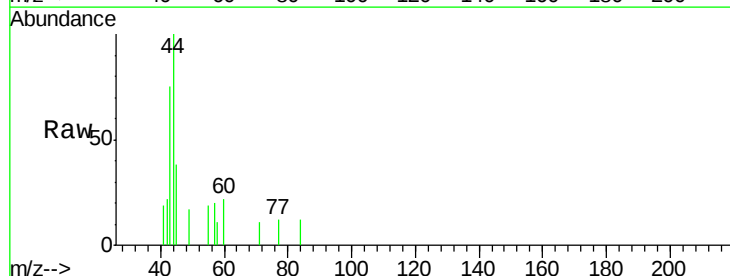


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

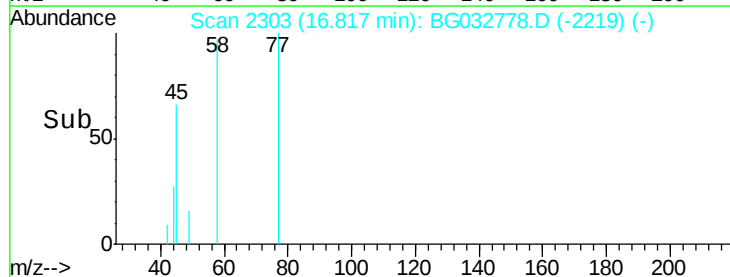
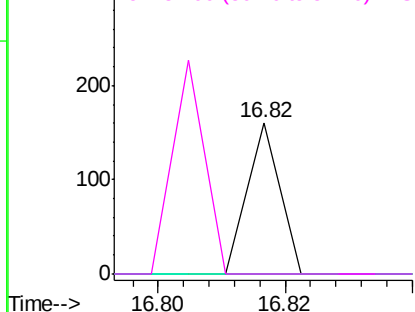


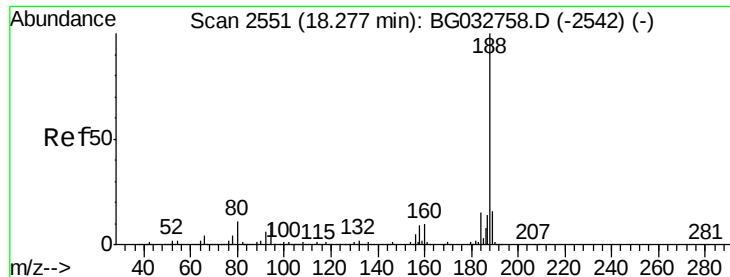
#62
Azobenzene
Concen: 0.004 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.04 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Tgt Ion: 77 Resp: 57
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 0.0 0.3 40.3#
51 0.0 11.6 51.6#



Abundance Ion 77.00 (76.70 to 77.70): BG
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): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

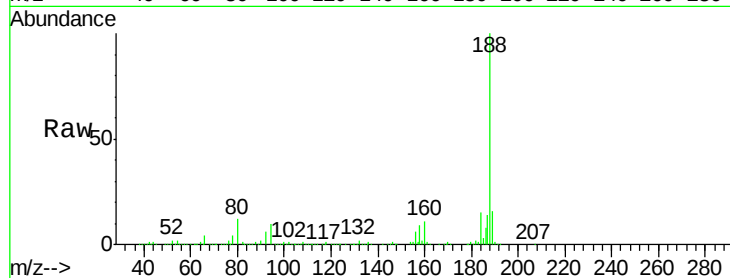
Tot Ion:188 Resp: 413634

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

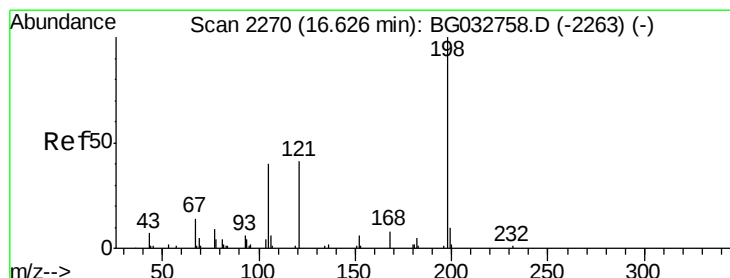
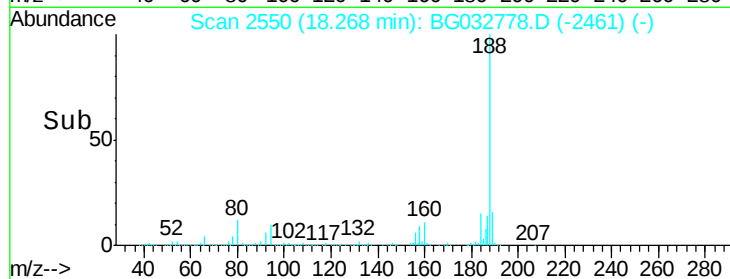
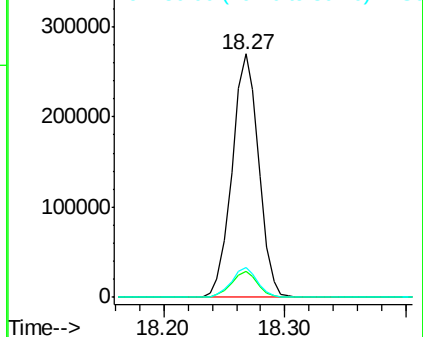
80 12.0 7.7 11.5#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.697 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.38 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

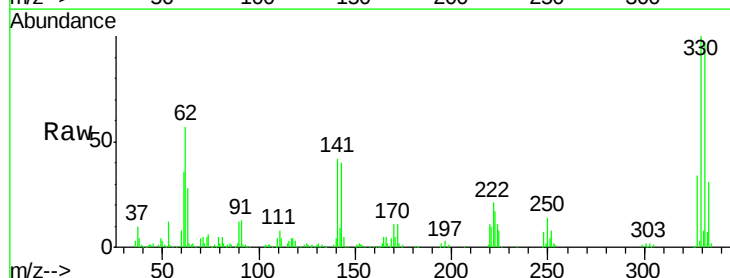
Tgt Ion:198 Resp: 728

Ion Ratio Lower Upper

198 100

51 157.7 30.6 70.6#

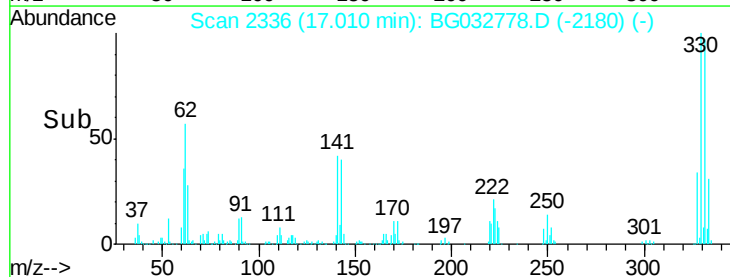
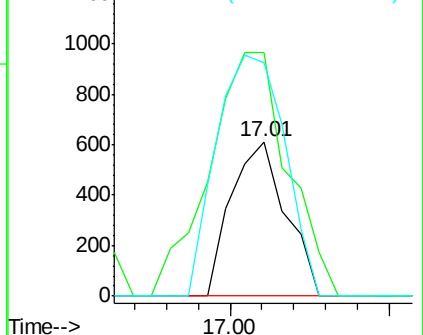
105 151.3 23.8 63.8#

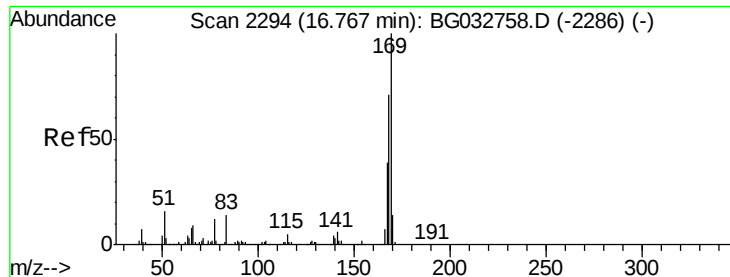


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

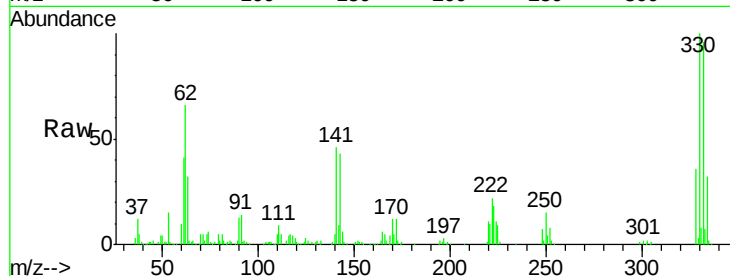




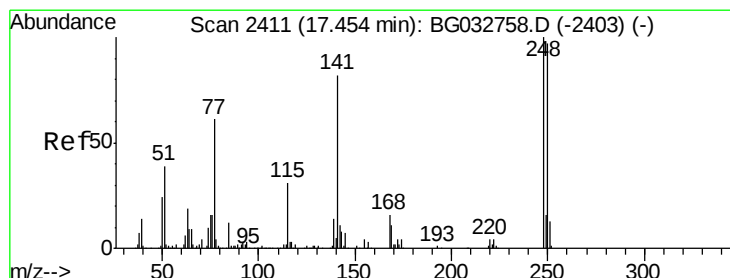
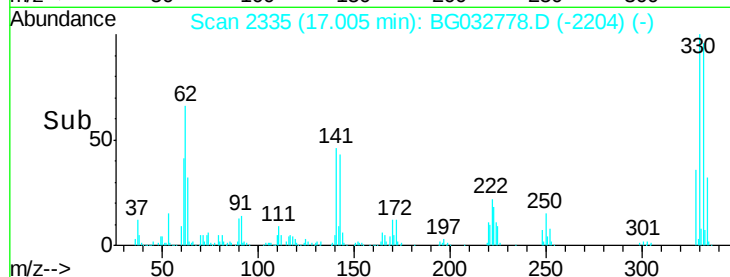
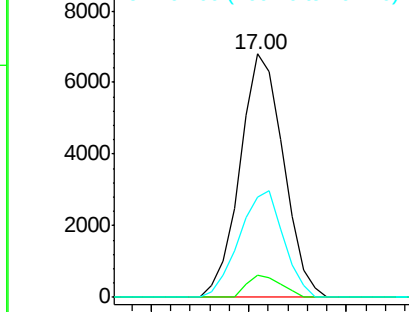
#65
n-Nitrosodiphenylamine
Concen: 0.778 ng
RT: 17.00 min Scan# 2335
Delta R.T. 0.24 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :
TP-9-10

Tot Ion:169 Resp: 10471
Ion Ratio Lower Upper
169 100
168 9.0 55.7 83.5#
167 41.0 30.1 45.1

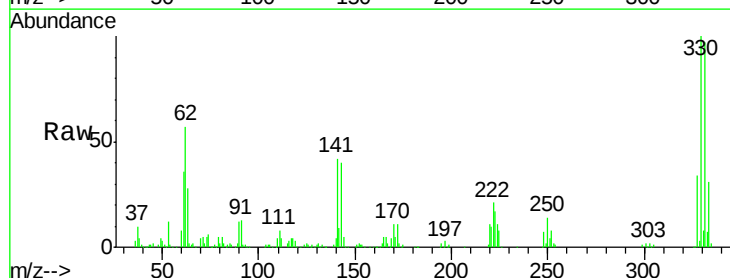


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

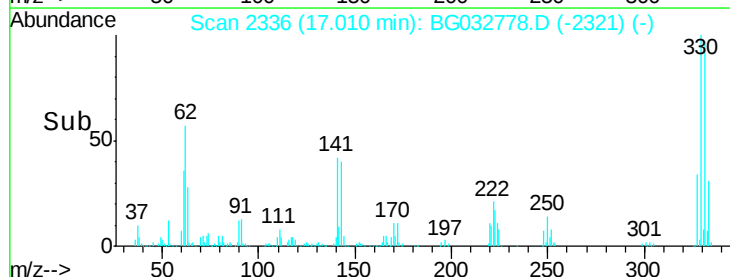
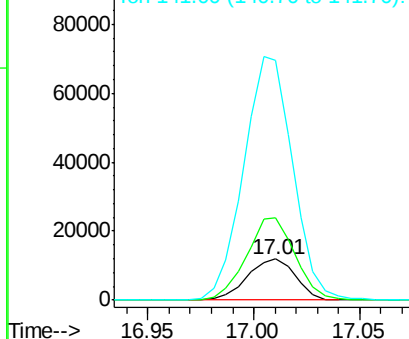


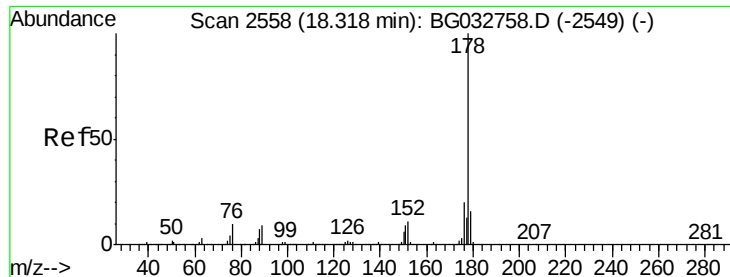
#66
4-Bromophenyl-phenylether
Concen: 4.346 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.44 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Tgt Ion:248 Resp: 19008
Ion Ratio Lower Upper
248 100
250 199.3 77.1 115.7#
141 581.6 50.8 76.2#



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





#70

Phenanthrene

Concen: 0.513 ng

RT: 18.31 min Scan# 2557

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

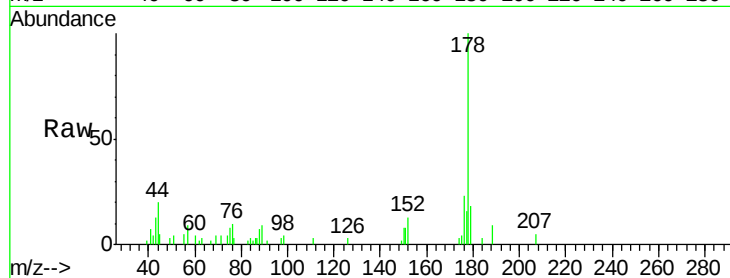
Tot Ion:178 Resp: 11846

Ion Ratio Lower Upper

178 100

176 23.0 15.7 23.5

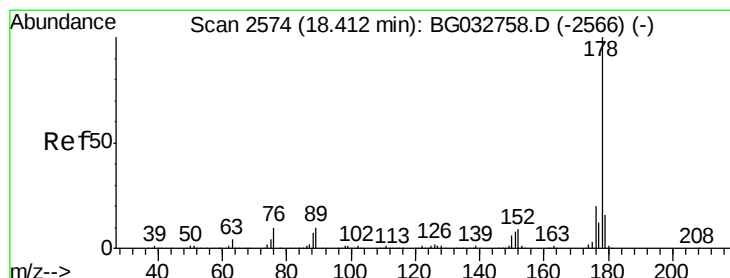
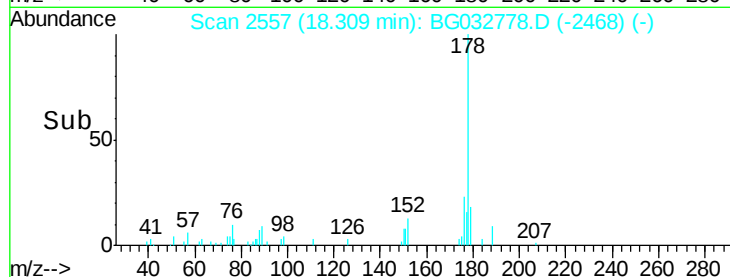
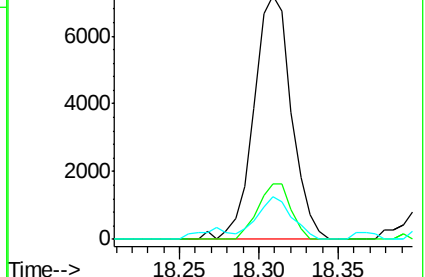
179 17.7 12.5 18.7



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



#71

Anthracene

Concen: 0.511 ng

RT: 18.31 min Scan# 2557

Delta R.T. -0.10 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

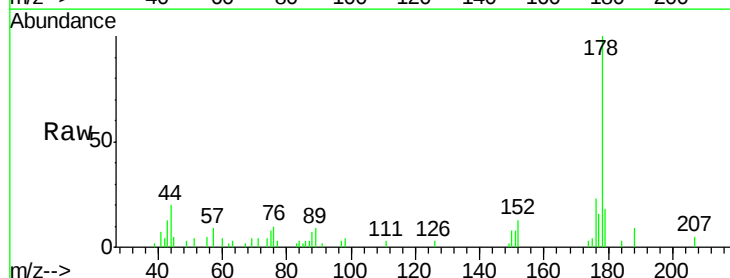
Tgt Ion:178 Resp: 11846

Ion Ratio Lower Upper

178 100

176 23.0 16.0 24.0

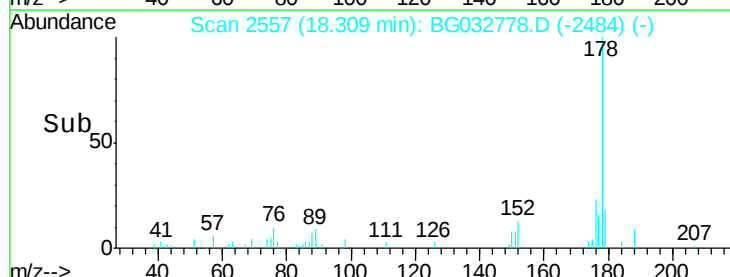
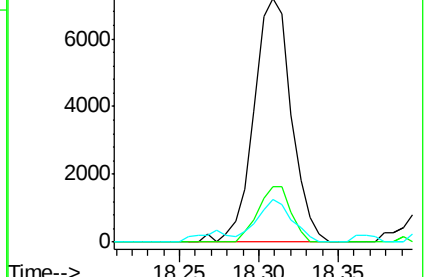
179 17.7 12.5 18.7

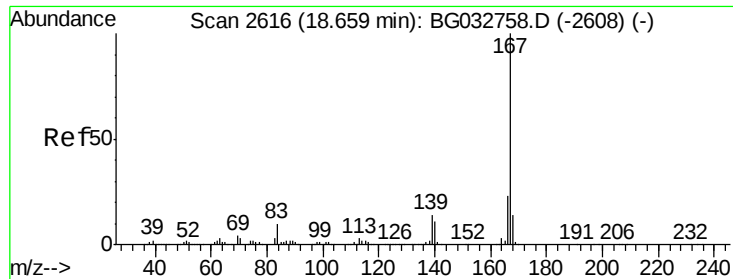


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.040 ng

RT: 18.66 min Scan# 2616

Delta R.T. -0.00 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

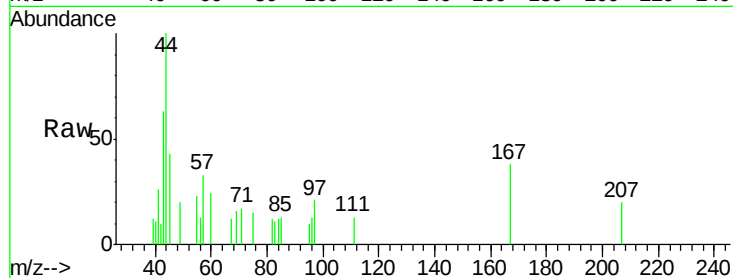
Tot Ion:167 Resp: 914

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

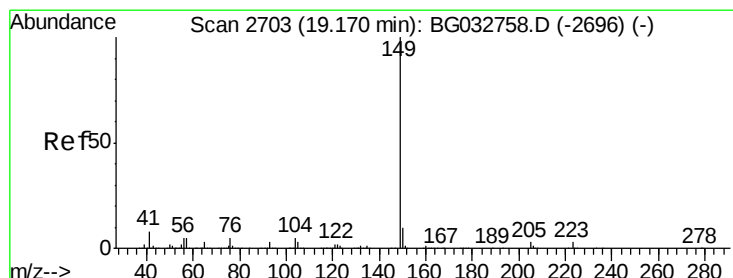
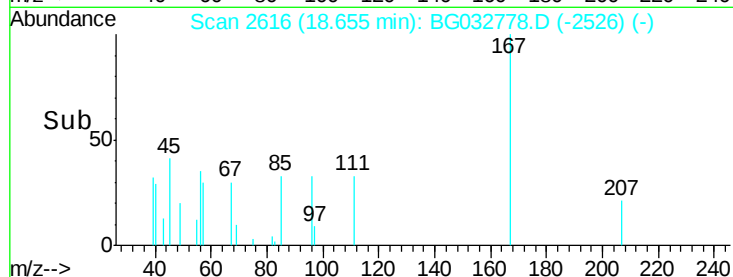
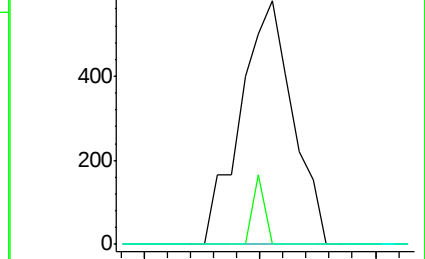
139 0.0 9.4 14.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.080 ng

RT: 19.17 min Scan# 2703

Delta R.T. -0.00 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

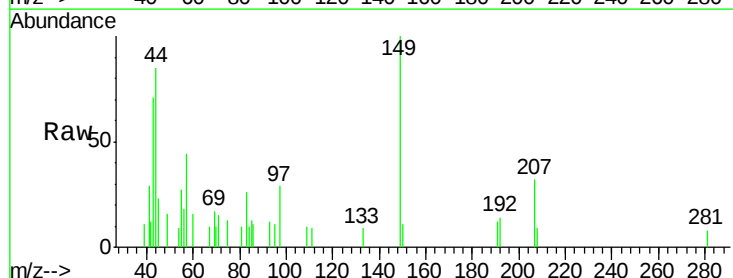
Tgt Ion:149 Resp: 2241

Ion Ratio Lower Upper

149 100

150 11.1 7.8 11.6

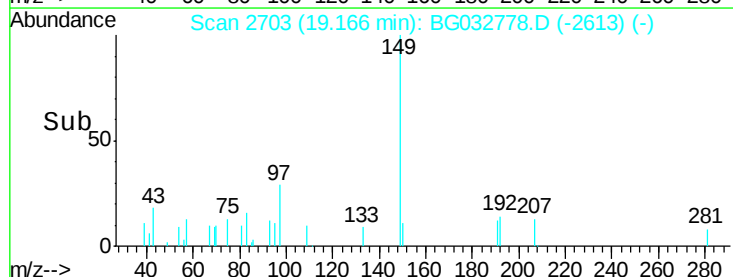
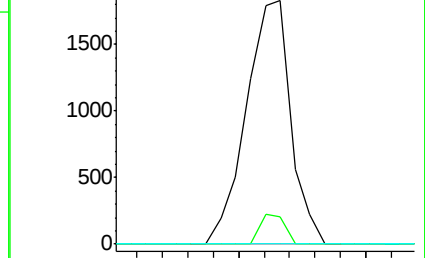
104 0.0 3.9 5.9#

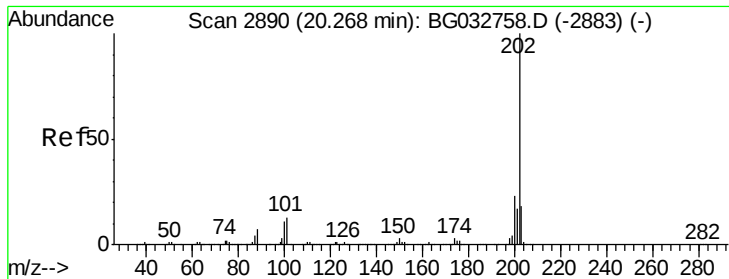


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.069 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

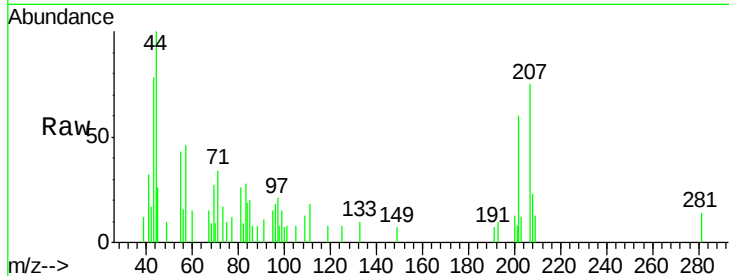
Tot Ion:202 Resp: 1766

Ion Ratio Lower Upper

202 100

101 13.7 0.0 28.9

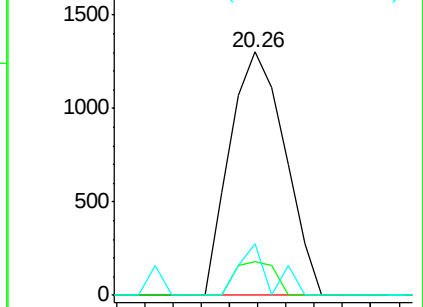
203 21.0 0.0 37.5



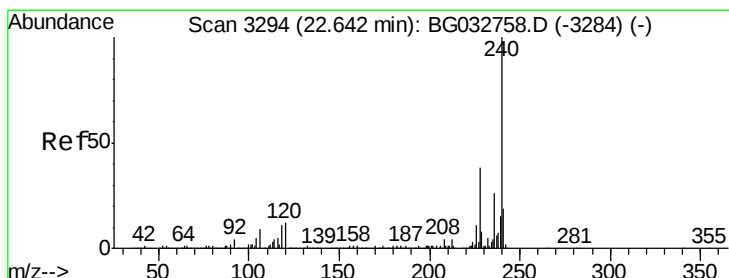
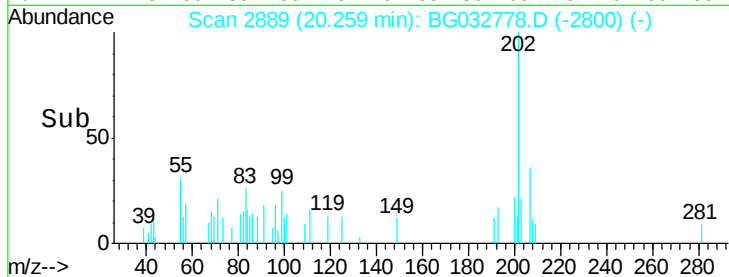
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

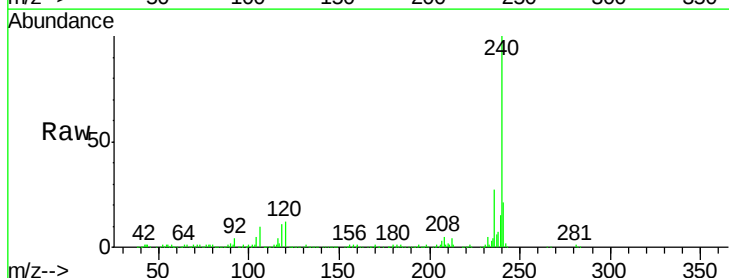
Tgt Ion:240 Resp: 402970

Ion Ratio Lower Upper

240 100

120 11.7 6.8 10.2#

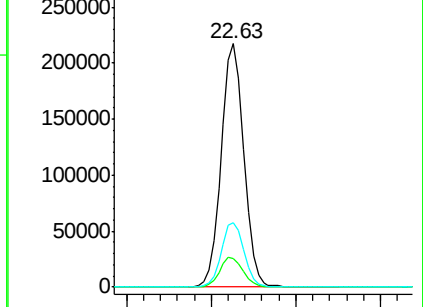
236 26.7 20.9 31.3



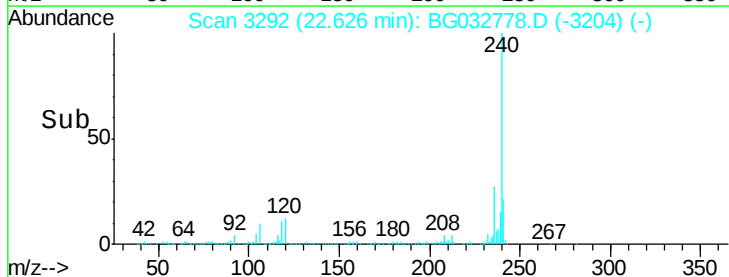
Abundance Ion 240.00 (239.70 to 240.70): E

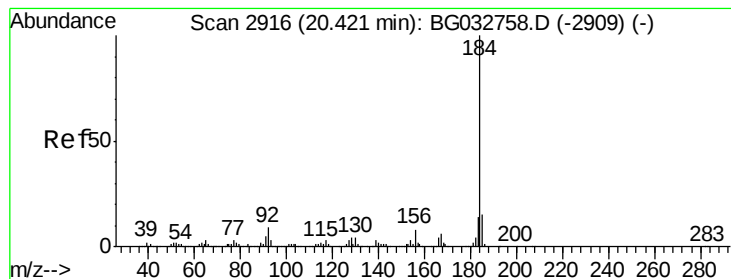
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 0.339 ng

RT: 20.42 min Scan# 2916

Delta R.T. -0.00 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

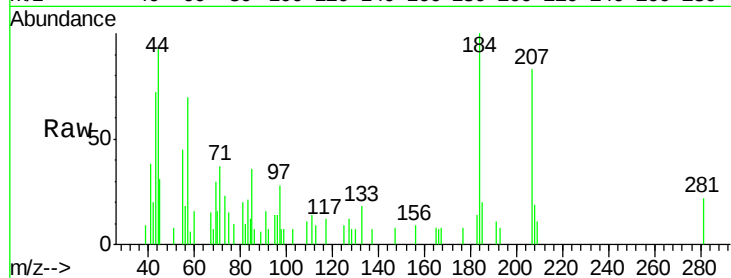
Tot Ion:184 Resp: 4655

Ion Ratio Lower Upper

184 100

185 20.0 11.1 16.7#

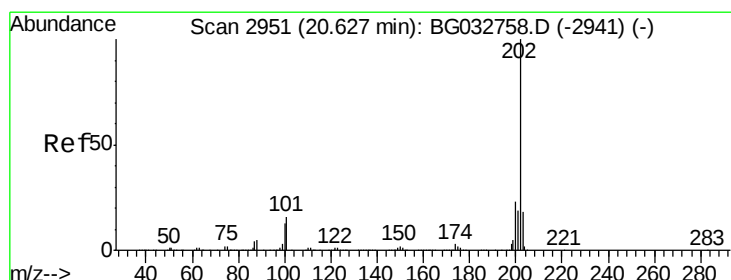
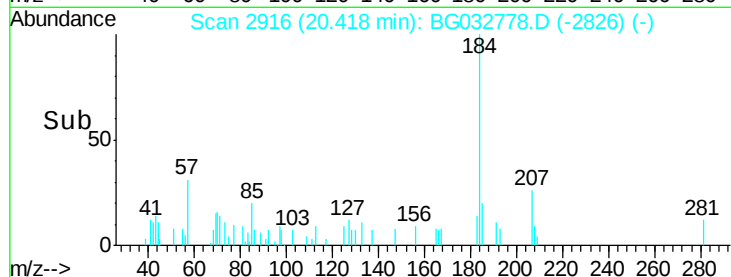
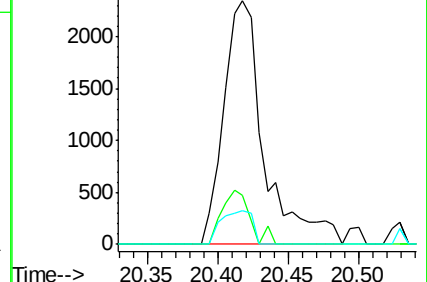
183 13.7 10.6 16.0



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



#77

Pyrene

Concen: 0.044 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

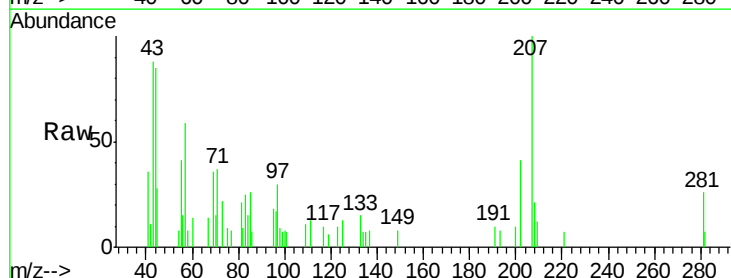
Tgt Ion:202 Resp: 1250

Ion Ratio Lower Upper

202 100

200 25.3 16.9 25.3#

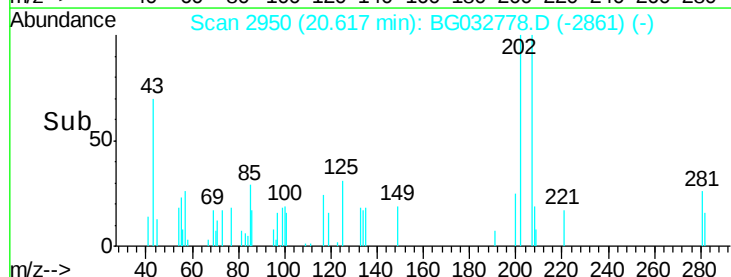
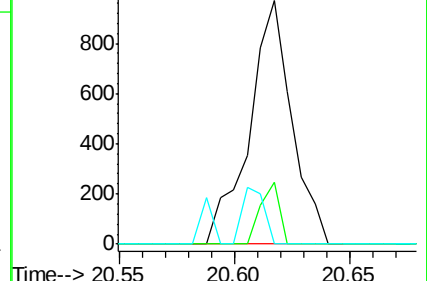
203 0.0 13.9 20.9#

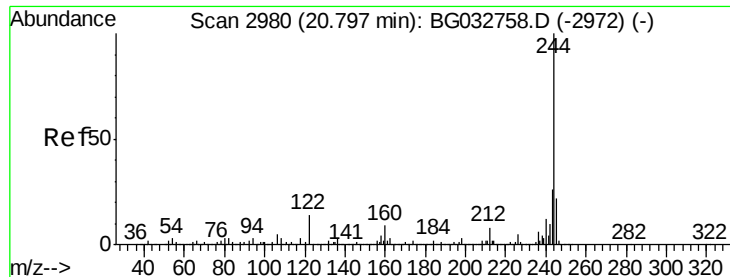


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.131 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampled :

TP-9-10

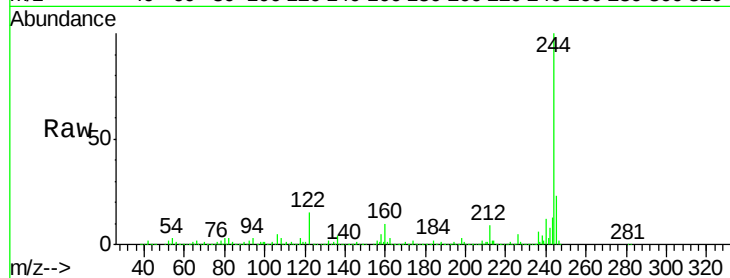
Tot Ion:244 Resp: 1562766

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

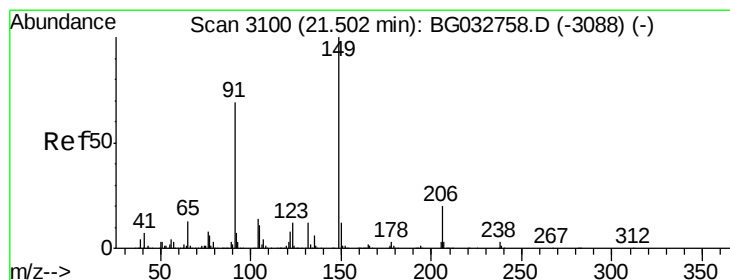
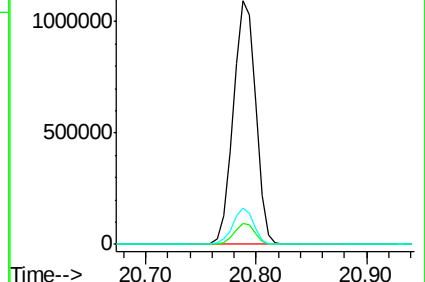
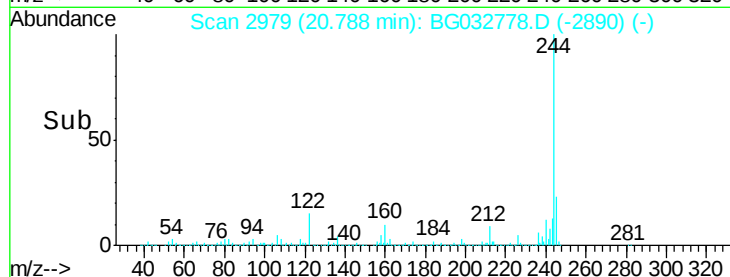
122 14.8 7.0 10.4#



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



#79

Butylbenzylphthalate

Concen: 0.061 ng

RT: 21.49 min Scan# 3098

Delta R.T. -0.02 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

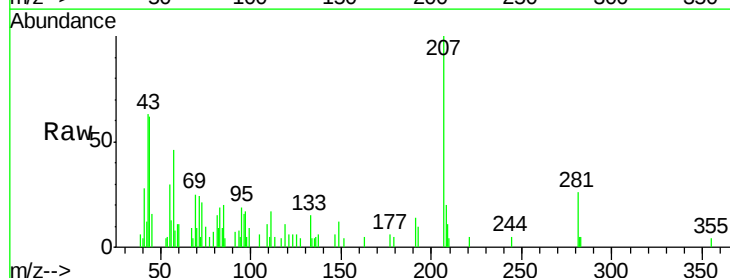
Tgt Ion:149 Resp: 770

Ion Ratio Lower Upper

149 100

91 56.2 62.2 93.2#

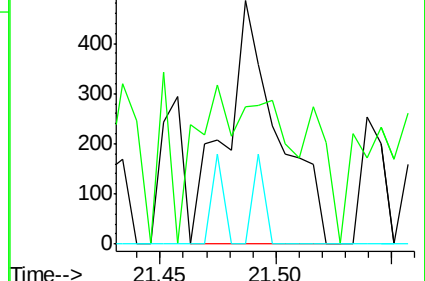
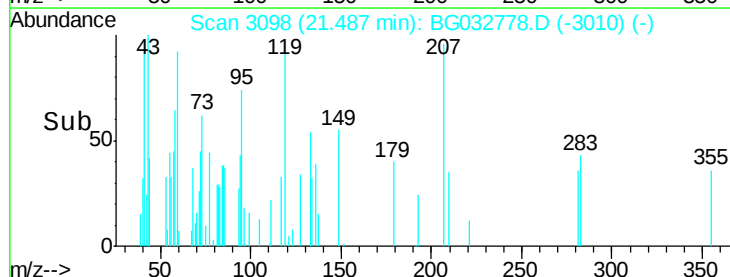
206 0.0 18.6 27.8#

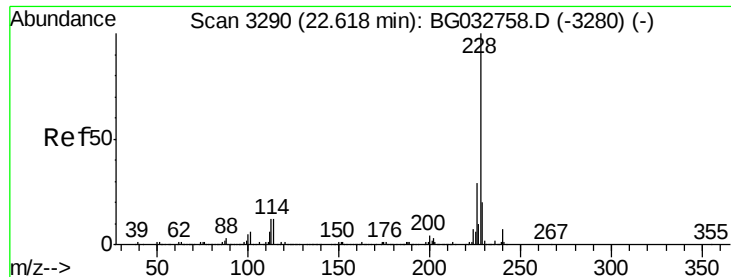


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.044 ng

RT: 22.63 min Scan# 3292

Delta R.T. 0.01 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

Instrument :

BNA_G

ClientSampleId :

TP-9-10

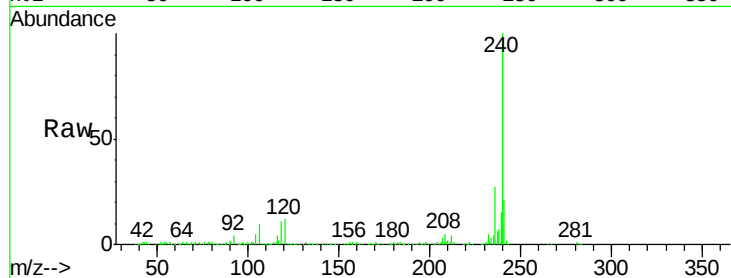
Tot Ion:228 Resp: 1139

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

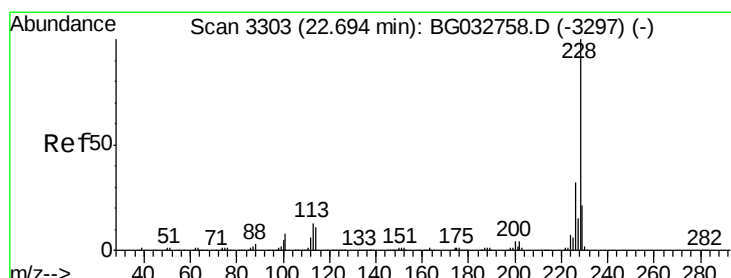
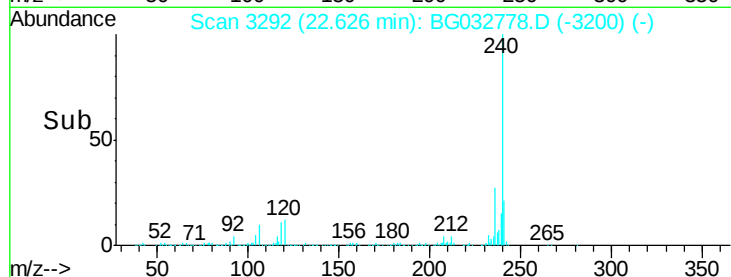
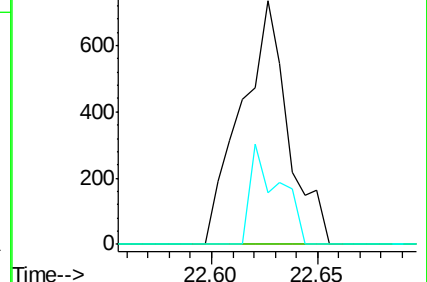
229 21.2 16.2 24.2



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

Chrysene

Concen: 0.046 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.07 min

Lab File: BG032778.D

Acq: 22 Feb 2018 4:08

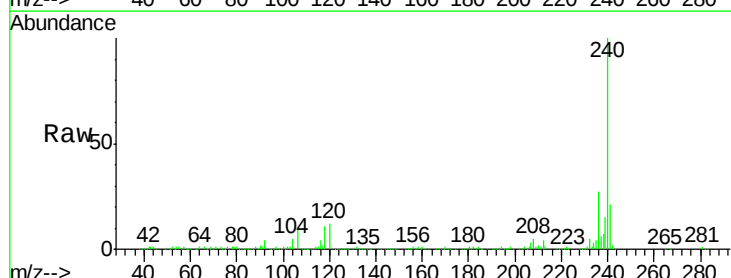
Tgt Ion:228 Resp: 1139

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

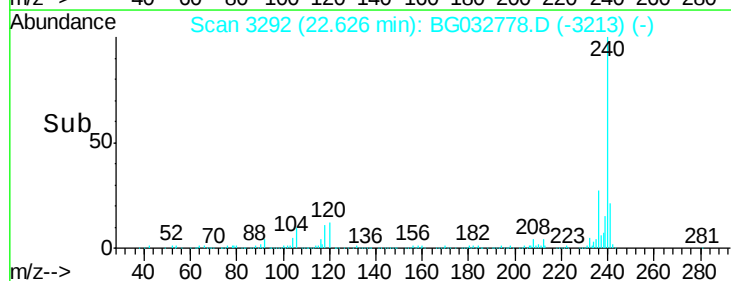
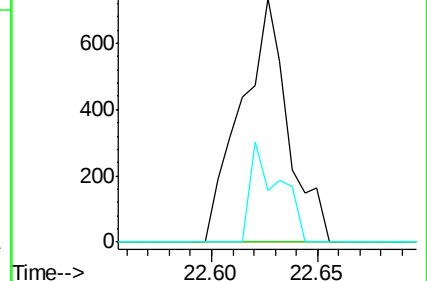
229 21.2 15.0 22.4

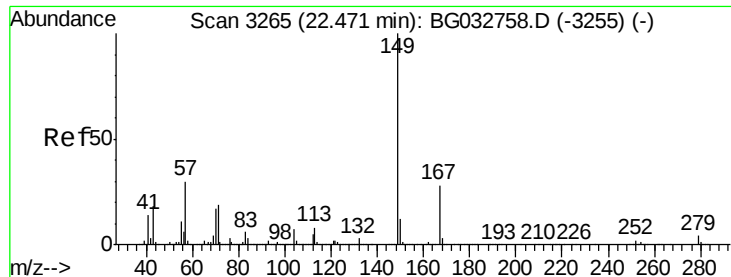


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

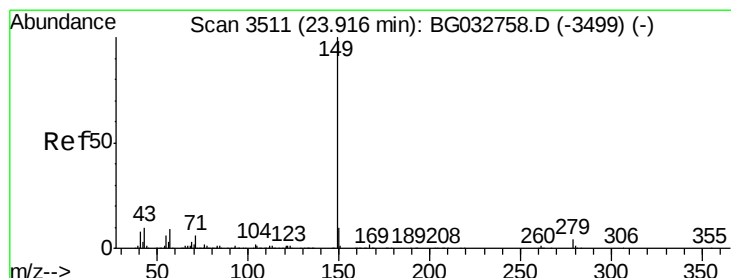
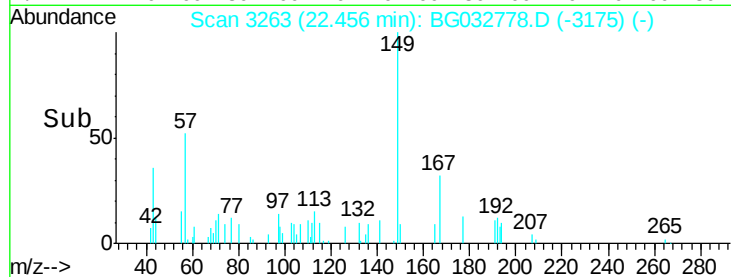
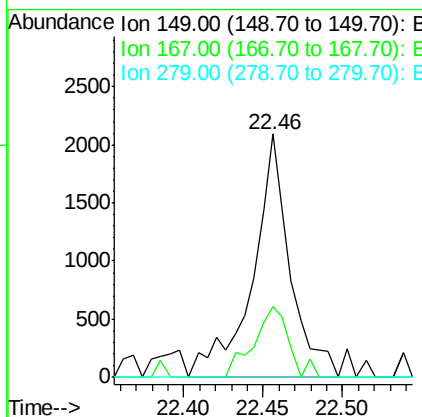
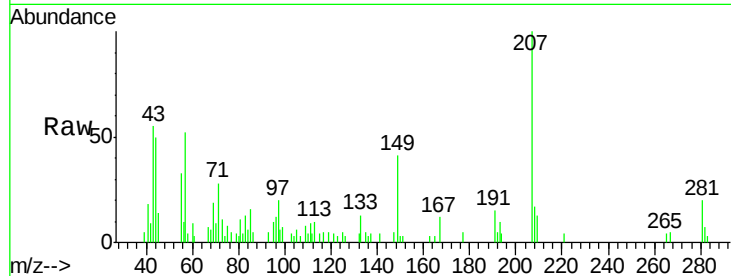




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.184 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.02 min
 Lab File: BG032778.D
 Acq: 22 Feb 2018 4:08

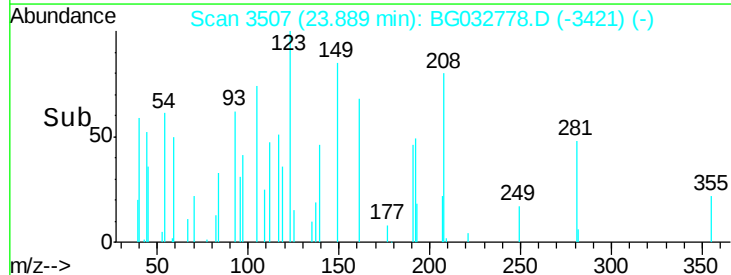
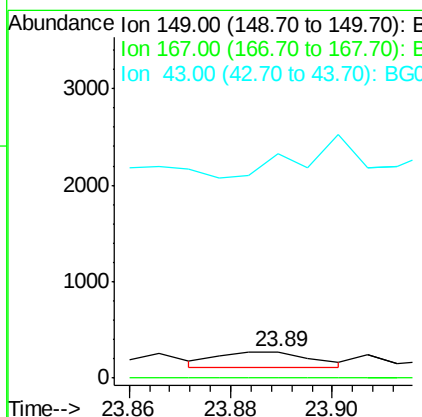
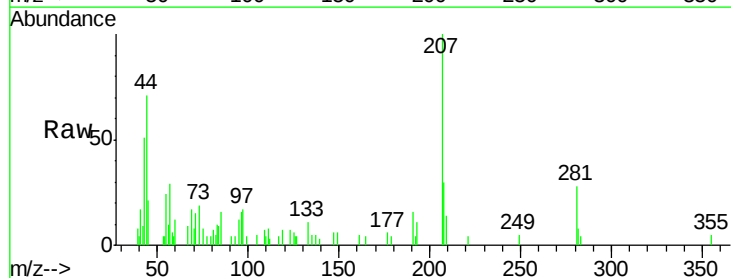
Instrument :
 BNA_G
 ClientSampleId :
 TP-9-10

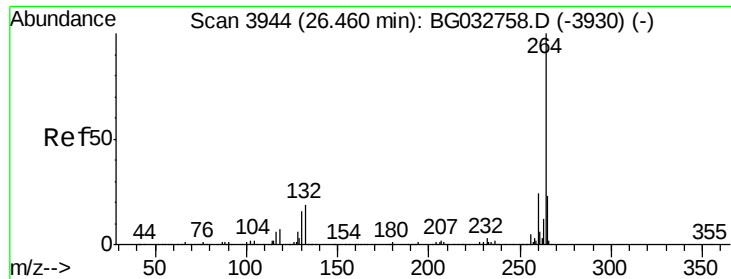
Tot Ion:149 Resp: 3433
 Ion Ratio Lower Upper
 149 100
 167 28.9 24.3 36.5
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 0.007 ng
 RT: 23.89 min Scan# 3507
 Delta R.T. -0.03 min
 Lab File: BG032778.D
 Acq: 22 Feb 2018 4:08

Tgt Ion:149 Resp: 205
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 168.3 8.9 13.3#

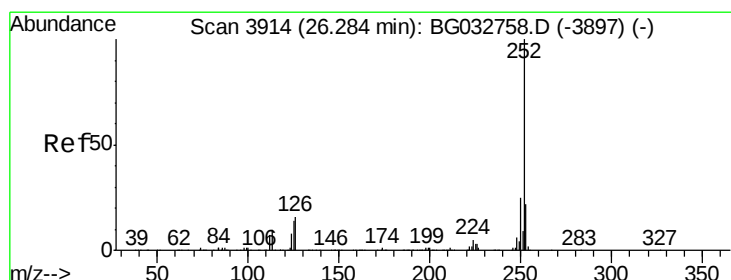
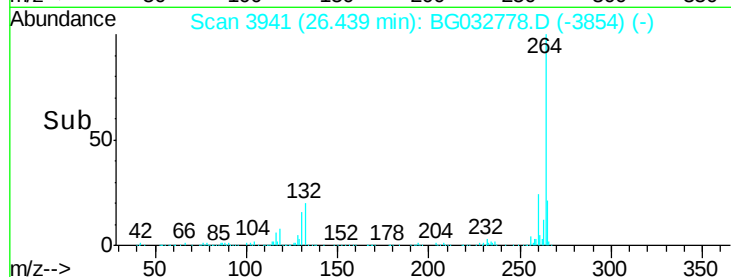
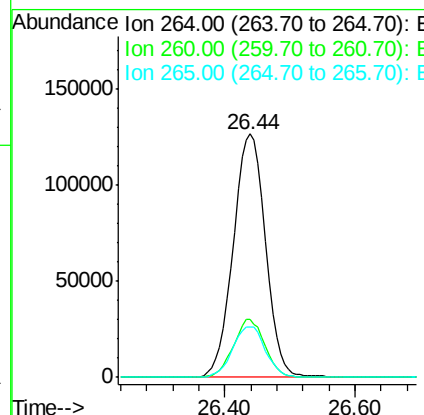
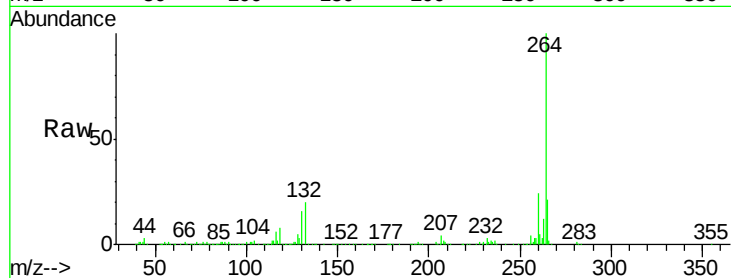




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.02 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Instrument :
BNA_G
ClientSampleId :
TP-9-10

Tot Ion:264 Resp: 436021
Ion Ratio Lower Upper
264 100
260 23.6 17.4 26.0
265 20.9 17.7 26.5



#89
Benzo(a)pyrene
Concen: 0.068 ng
RT: 26.44 min Scan# 3942
Delta R.T. 0.16 min
Lab File: BG032778.D
Acq: 22 Feb 2018 4:08

Tgt Ion:252 Resp: 1676
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 26.7 7.3 10.9#

