

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032777.D
 Acq On : 22 Feb 2018 3:30
 Operator : SJ/JU
 Sample : J1623-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-8

Quant Time: Feb 22 06:20:21 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	83943	20.00	ng	-0.01
21) Naphthalene-d8	11.82	136	357849	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	196397	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	438243	20.00	ng	-0.01
75) Chrysene-d12	22.63	240	418707	20.00	ng	-0.02
86) Perylene-d12	26.44	264	447042	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	634581	120.94	ng	0.00
7) Phenol-d6	8.02	99	758096	103.66	ng	0.00
23) Nitrobenzene-d5	10.12	82	527859	100.34	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	299791	145.17	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1194213	87.70	ng	-0.01
78) Terphenyl-d14	20.79	244	1657776	88.95	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.86	88	349	0.153	ng	# 46
4) n-Nitrosodimethylamine	4.33	42	349	0.139	ng	# 1
6) Aniline	8.43	93	960	0.097	ng	# 1
9) Benzaldehyde	8.02	77	1237	0.293	ng	# 5
10) Phenol	8.44	94	1624	0.220	ng	# 1
11) bis(2-Chloroethyl)ether	8.43	93	960	0.159	ng	# 1
15) Benzyl Alcohol	9.27	79	9165	1.705	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	9.44	45	366	0.035	ng	# 75
19) n-Nitroso-di-n-propylamine	10.12	70	68658	13.298	ng	# 80
22) Acetophenone	9.77	105	677	0.075	ng	# 31
24) Nitrobenzene	10.12	77	1640	6.630	ng	# 44
25) Isophorone	10.88	82	55	0.004	ng	# 69
27) 2,4-Dimethylphenol	10.94	122	130	0.024	ng	# 1
31) Naphthalene	11.86	128	11515	0.616	ng	# 97
32) Benzoic acid	10.94	122	130	5.861	ng	# 88
33) 4-Chloroaniline	11.86	127	1443	0.173	ng	# 40
37) 2-Methylnaphthalene	13.40	142	486	0.036	ng	# 59
45) 1,1'-Biphenyl	14.38	154	2958	0.172	ng	# 88
47) 2-Nitroaniline	14.17	65	2267	10.393	ng	# 1
49) Dimethylphthalate	14.97	163	69	0.004	ng	# 77
50) 2,6-Dinitrotoluene	15.54	165	24709	16.191	ng	# 20
51) Acenaphthene	15.54	154	842	0.064	ng	# 5
55) 4-Nitrophenol	15.93	139	56	7.099	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	24709	14.387	ng	# 18
57) Fluorene	17.01	166	14858	0.967	ng	# 90
59) Diethylphthalate	16.30	149	7328	0.417	ng	# 97
62) Azobenzene	17.01	77	1933	0.123	ng	# 1
64) 4,6-Dinitro-2-methylphenol	17.01	198	863	5.785	ng	# 1
65) n-Nitrosodiphenylamine	17.01	169	12276	0.861	ng	# 44
66) 4-Bromophenyl-phenylether	17.01	248	21725	4.688	ng	# 1
70) Phenanthrene	18.31	178	714	0.029	ng	# 60
71) Anthracene	18.31	178	714	0.029	ng	# 59
73) Di-n-butylphthalate	19.17	149	2449	0.083	ng	# 92
76) Benzidine	20.79	184	28465	1.994	ng	# 94

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Instrument :
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Quant Time: Feb 22 06:20:21 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

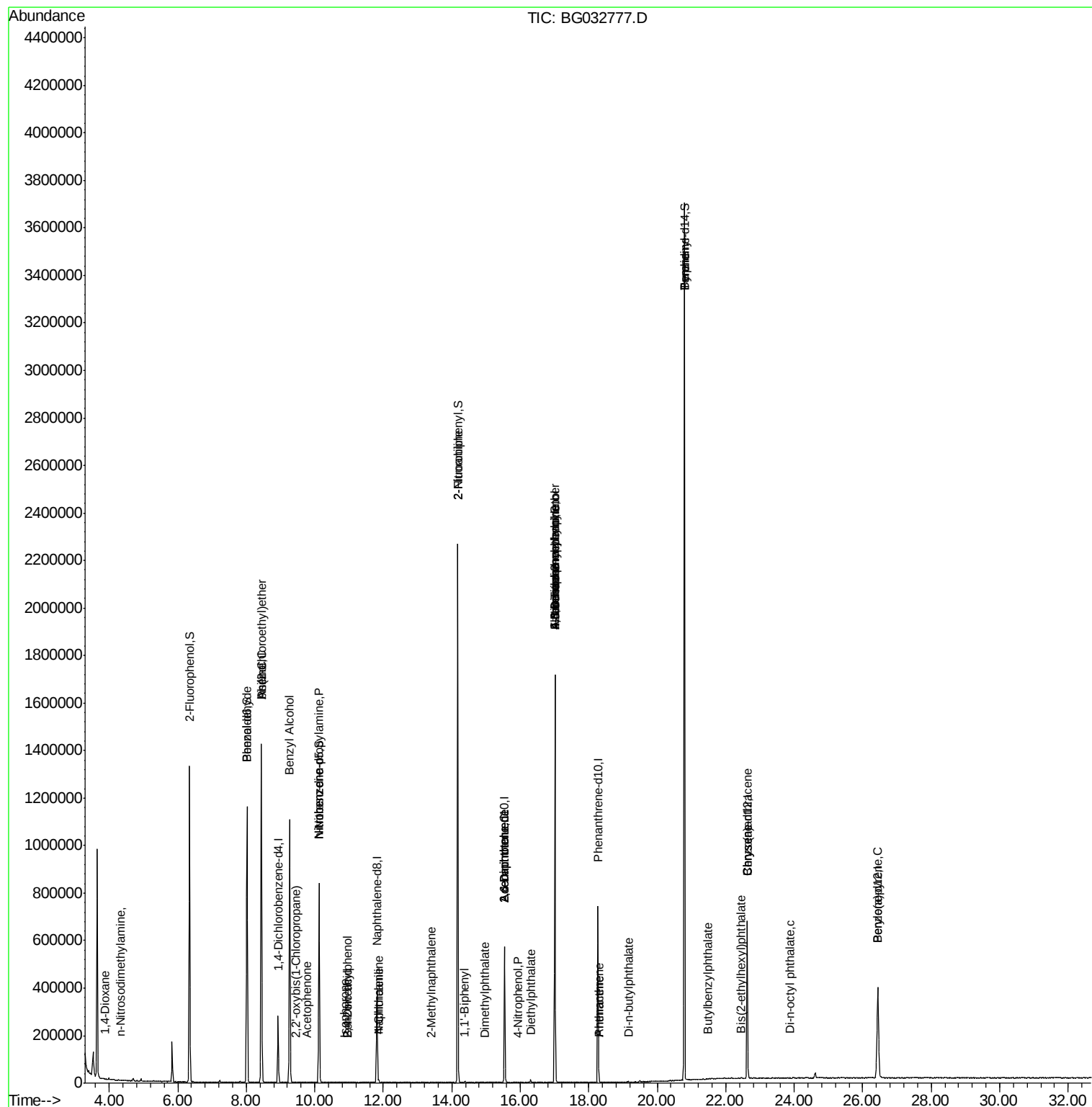
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	20.79	202	6525	0.221	nq	# 66
79) Butylbenzylphthalate	21.49	149	363	0.028	nq	# 80
80) Benzo(a)anthracene	22.63	228	1177	0.044	nq	# 56
82) Chrysene	22.63	228	1177	0.046	nq	# 51
83) Bis(2-ethylhexyl)phthalate	22.46	149	1520	0.078	nq	# 81
84) Di-n-octyl phthalate	23.89	149	200	0.007	nq	# 1
89) Benzo(a)pyrene	26.43	252	1563	0.062	nq	# 50

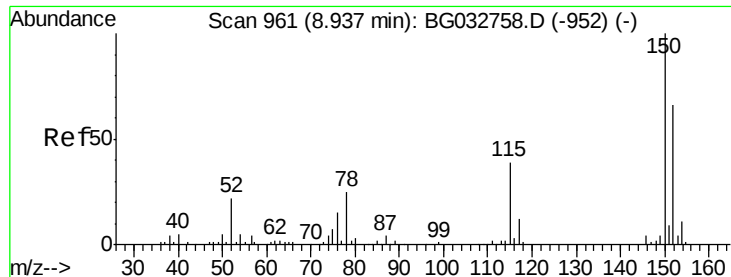
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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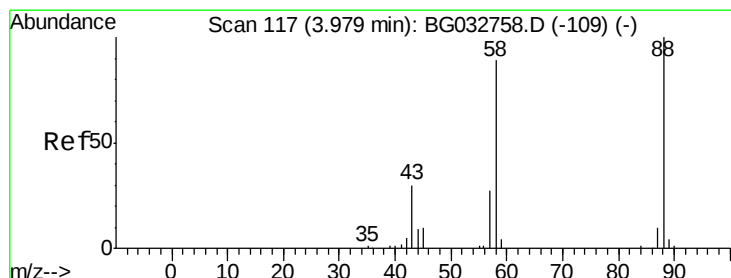
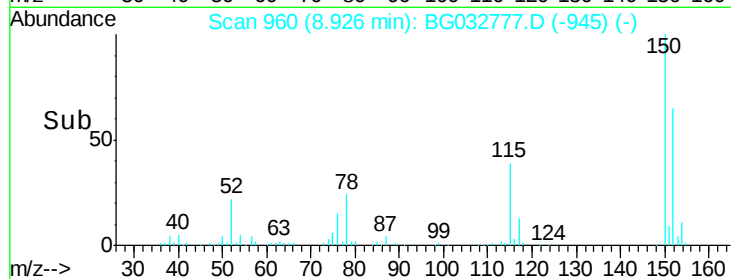
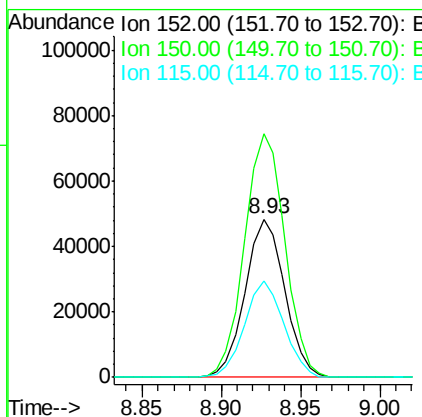
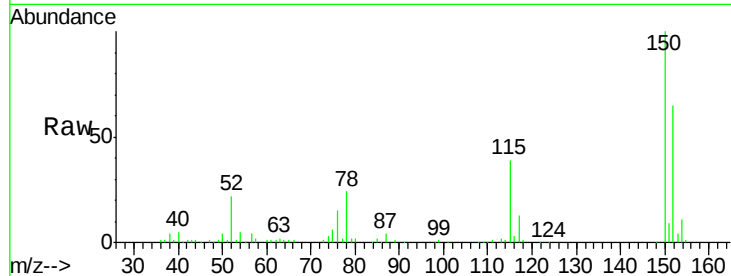


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Instrument :
BNA_G
ClientSampled :
TP-7-8

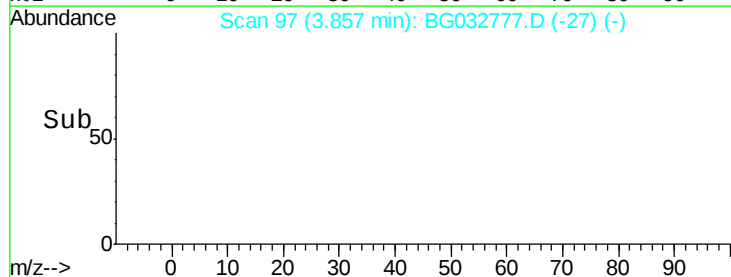
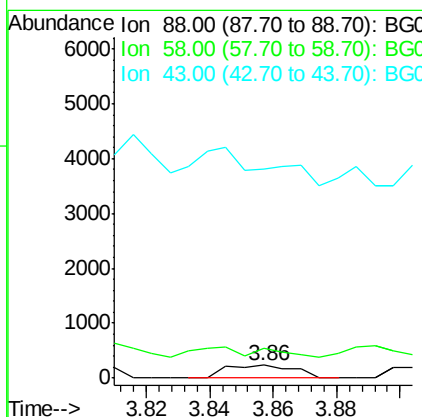
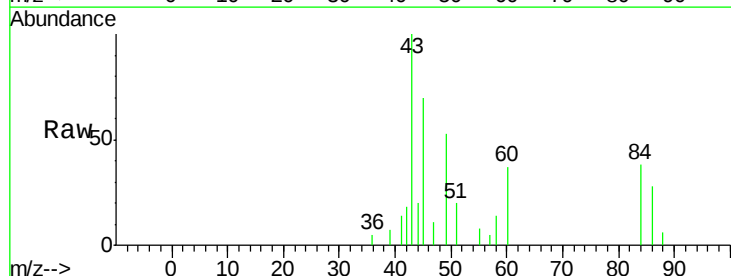
Tot Ion:152 Resp: 83943
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 60.8 53.0 79.4

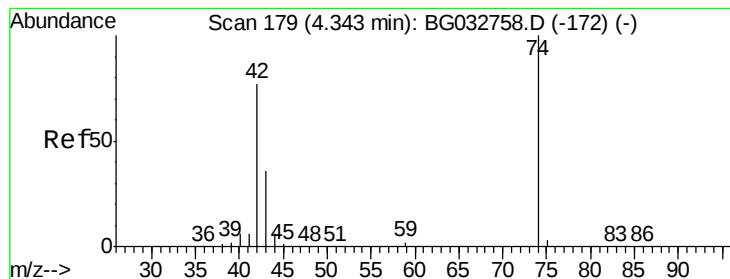


#2

1,4-Dioxane
Concen: 0.153 ng
RT: 3.86 min Scan# 97
Delta R.T. -0.12 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion: 88 Resp: 349
Ion Ratio Lower Upper
88 100
58 47.0 79.6 119.4#
43 0.0 27.4 41.0#





#4

n-Nitrosodimethylamine

Concen: 0.139 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.02 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampled :

TP-7-8

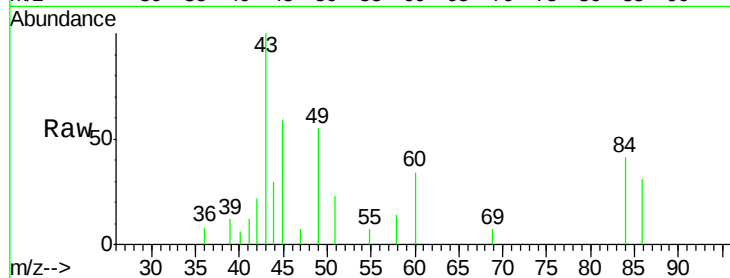
Tot Ion: 42 Resp: 349

Ion Ratio Lower Upper

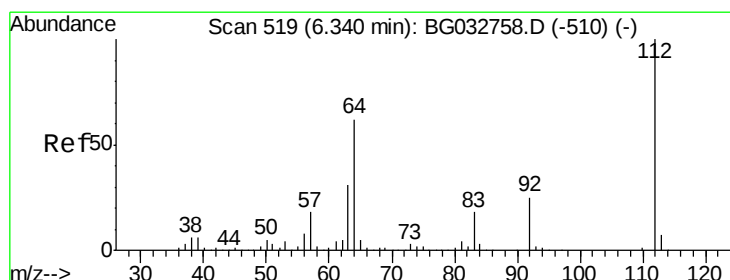
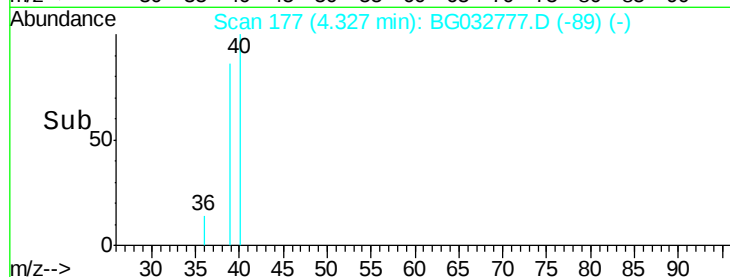
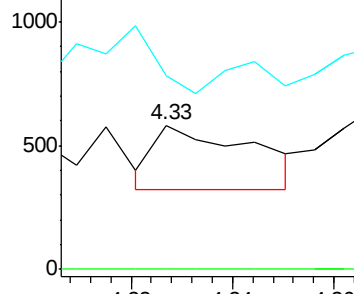
42 100

74 0.0 102.5 153.7#

44 134.4 18.9 28.3#



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



#5

2-Fluorophenol

Concen: 120.944 ng

RT: 6.34 min Scan# 520

Delta R.T. 0.00 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

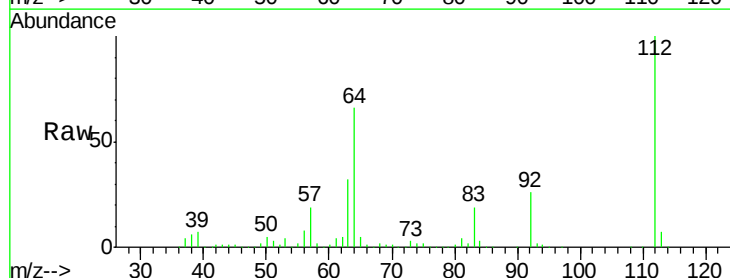
Tgt Ion: 112 Resp: 634581

Ion Ratio Lower Upper

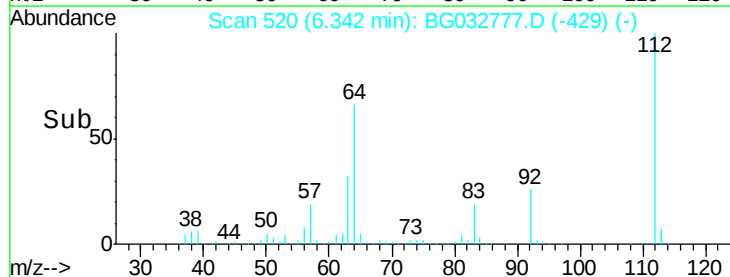
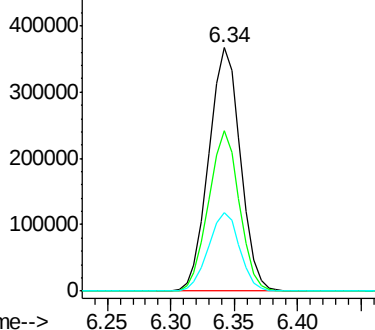
112 100

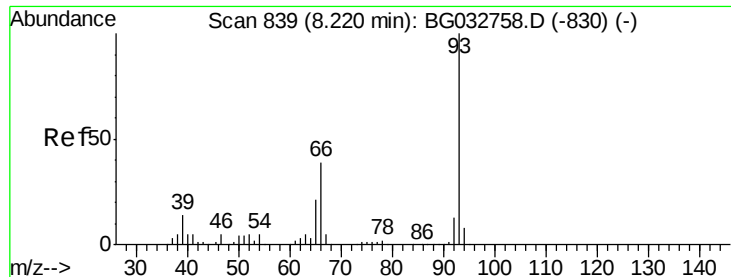
64 65.7 56.3 84.5

63 32.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.097 ng

RT: 8.43 min Scan# 876

Delta R.T. 0.21 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampled :

TP-7-8

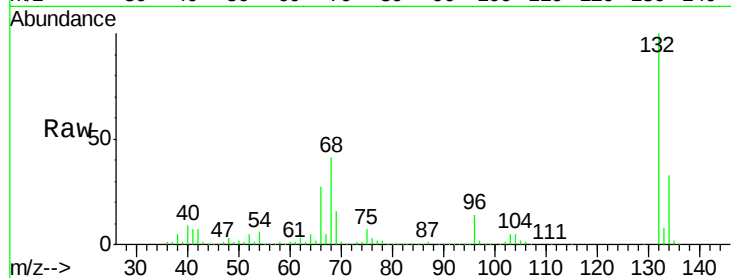
Tot Ion: 93 Resp: 960

Ion Ratio Lower Upper

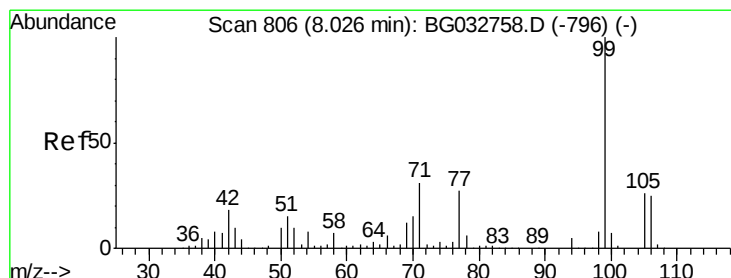
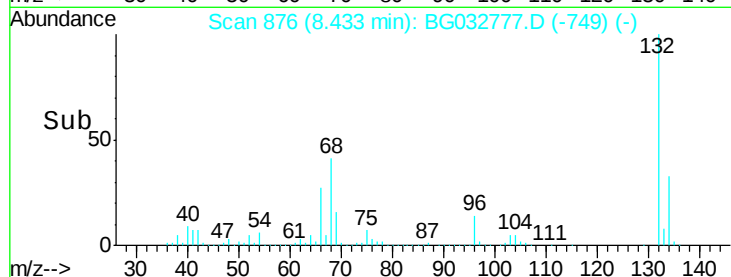
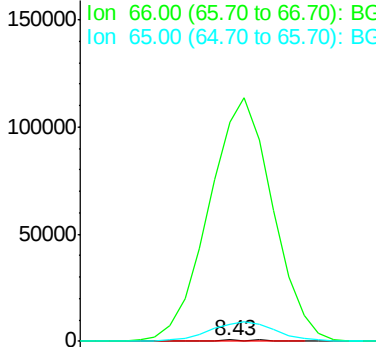
93 100

66 17298.6 33.7 50.5#

65 1358.1 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: 103.658 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

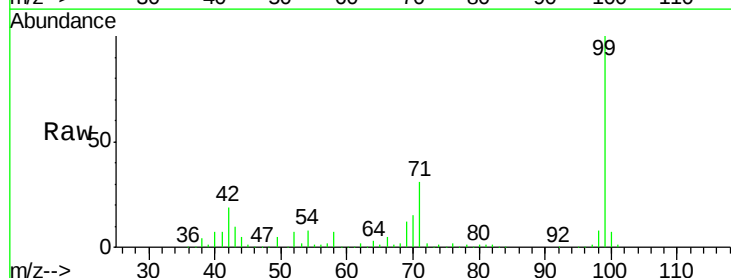
Tgt Ion: 99 Resp: 758096

Ion Ratio Lower Upper

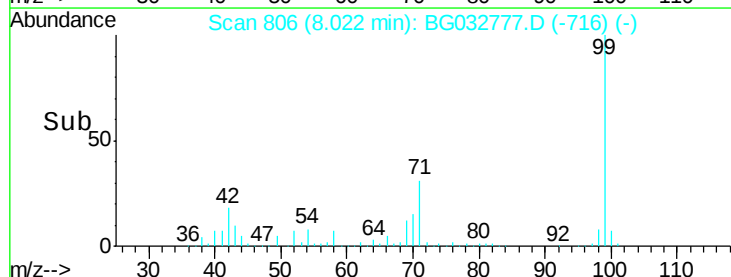
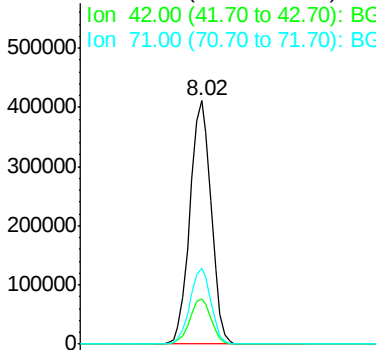
99 100

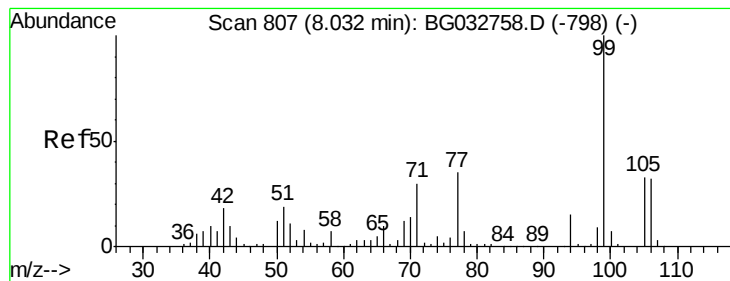
42 18.5 14.1 21.1

71 31.1 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

Benzaldehyde

Concen: 0.293 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampled :

TP-7-8

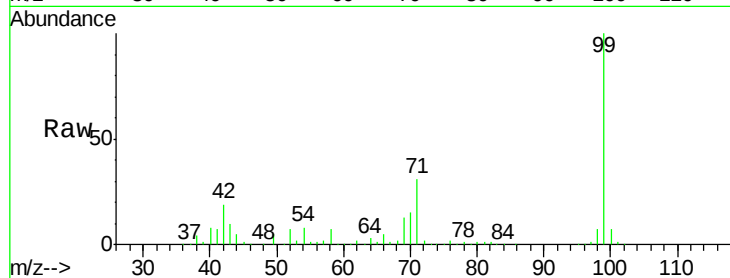
Tot Ion: 77 Resp: 1237

Ion Ratio Lower Upper

77 100

105 0.0 71.3 111.3#

106 0.0 64.2 104.2#



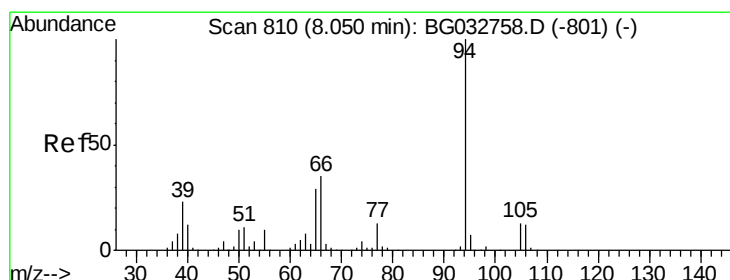
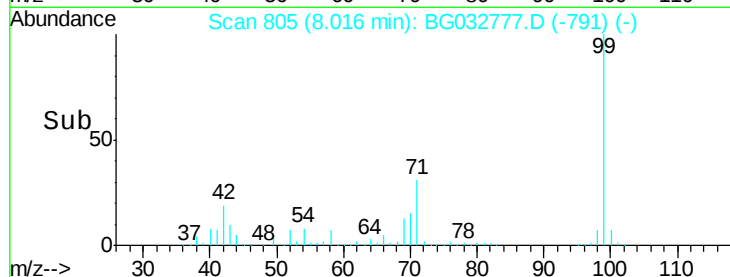
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC

8.02

Time-->



#10

Phenol

Concen: 0.220 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.39 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

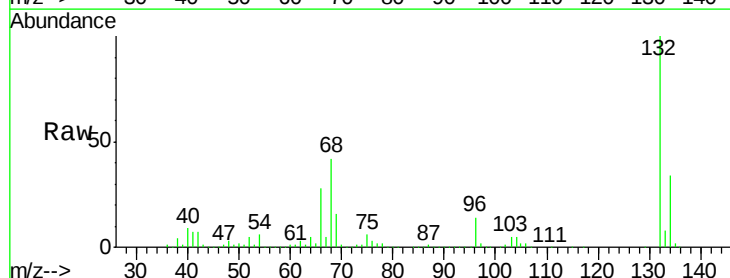
Tgt Ion: 94 Resp: 1624

Ion Ratio Lower Upper

94 100

65 1002.0 11.9 51.9#

66 12641.4 22.2 62.2#



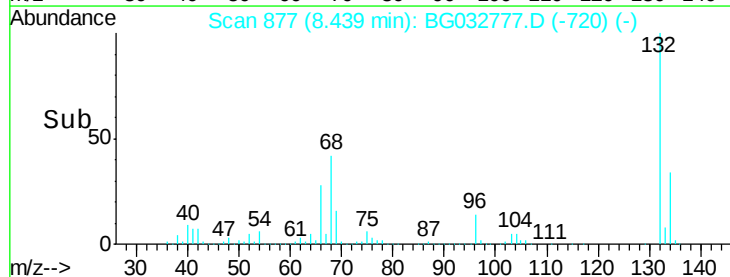
Abundance Ion 94.00 (93.70 to 94.70): BGC

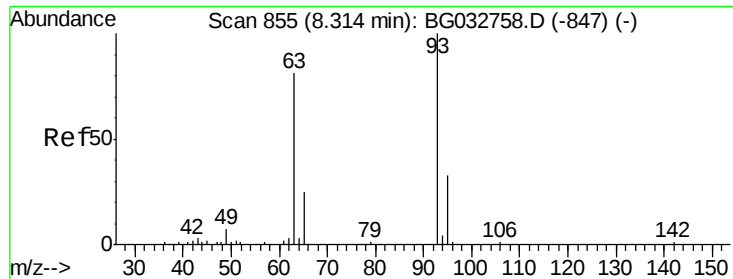
Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

8.44

Time-->

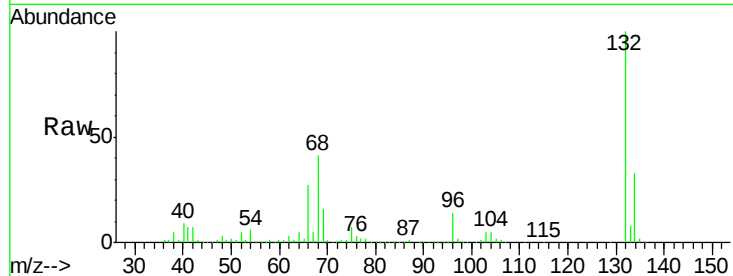




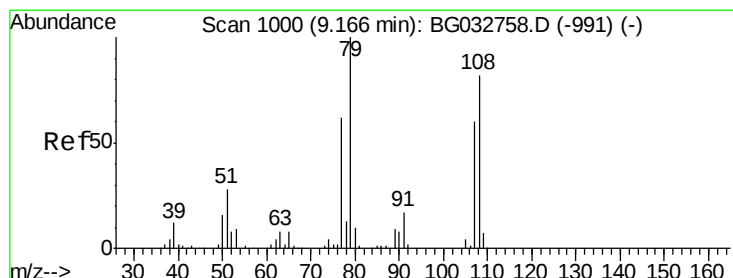
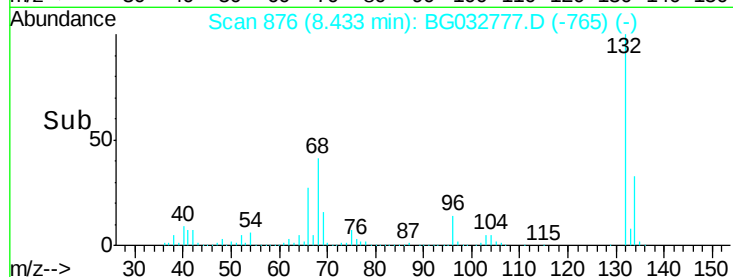
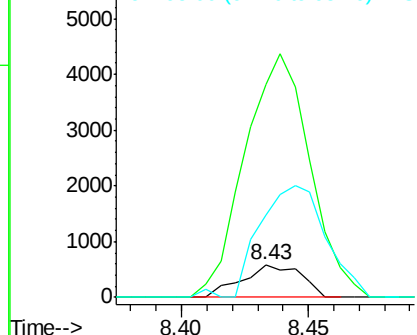
#11
bis(2-Chloroethyl)ether
Concen: 0.159 ng
RT: 8.43 min Scan# 876
Delta R.T. 0.12 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Instrument :
BNA_G
ClientSampleId :
TP-7-8

Tot Ion: 93 Resp: 960
Ion Ratio Lower Upper
93 100
63 645.3 67.1 107.1#
95 247.8 11.5 51.5#

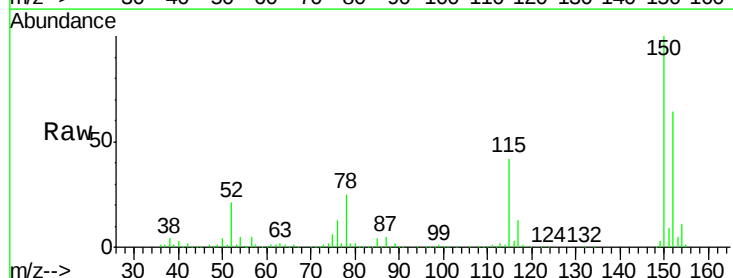


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

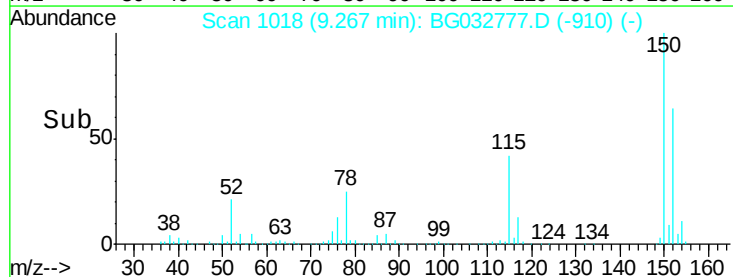
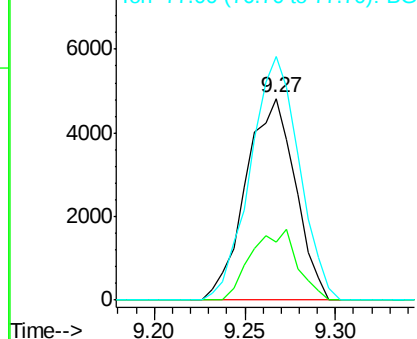


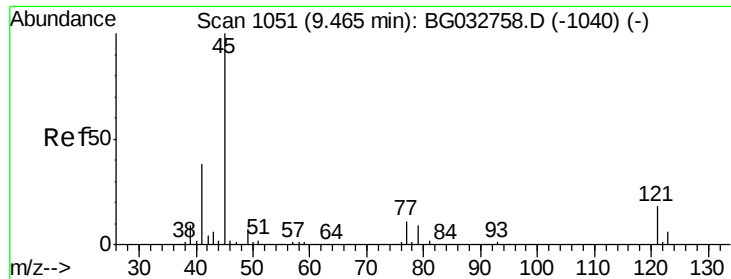
#15
Benzyl Alcohol
Concen: 1.705 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.10 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion: 79 Resp: 9165
Ion Ratio Lower Upper
79 100
108 28.8 57.2 85.8#
77 120.9 46.1 69.1#



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





#16

2,2'-oxvbis(1-Chloropropane)

Concen: 0.035 ng

RT: 9.44 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

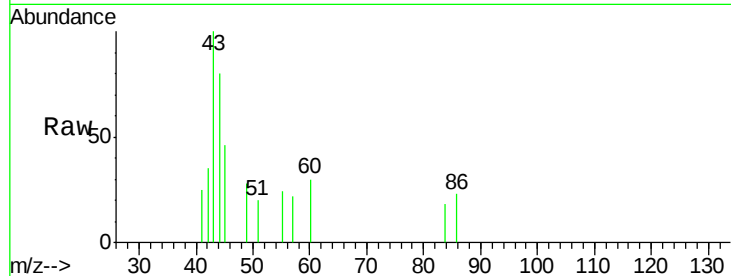
Tot Ion: 45 Resp: 366

Ion Ratio Lower Upper

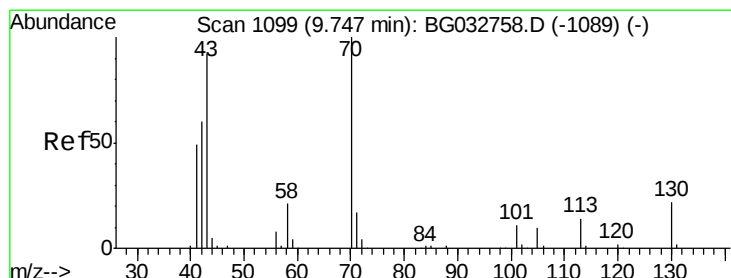
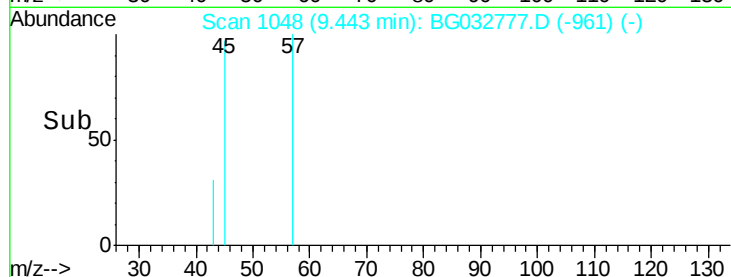
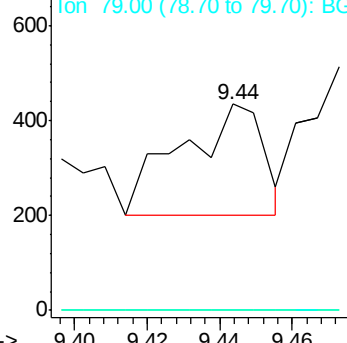
45 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 13.298 ng

RT: 10.12 min Scan# 1164

Delta R.T. 0.38 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Tgt Ion: 70 Resp: 68658

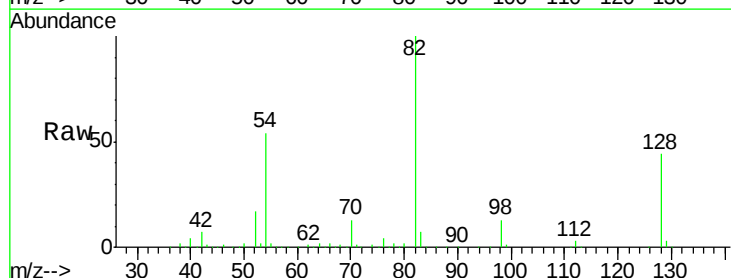
Ion Ratio Lower Upper

70 100

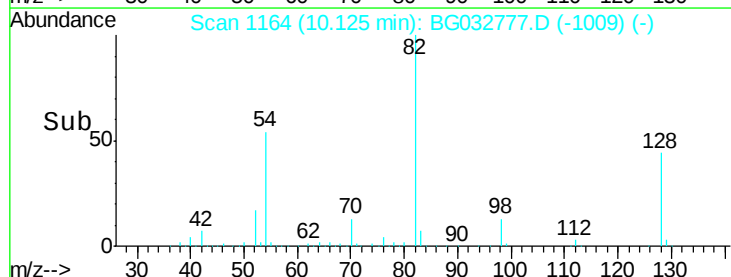
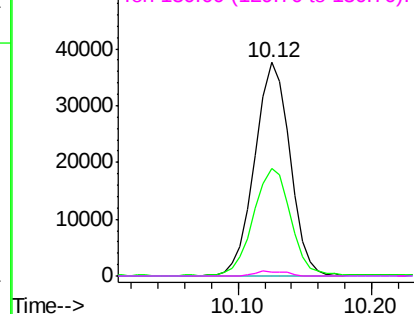
42 50.5 49.1 73.7

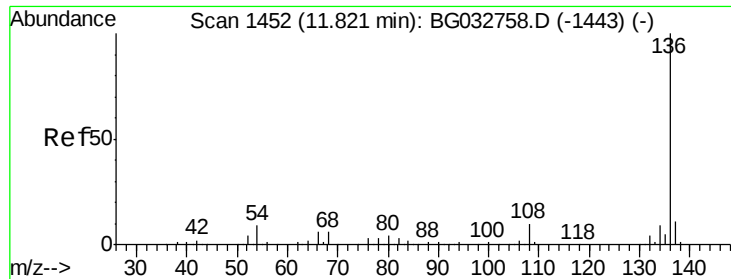
101 0.0 8.5 12.7#

130 2.0 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

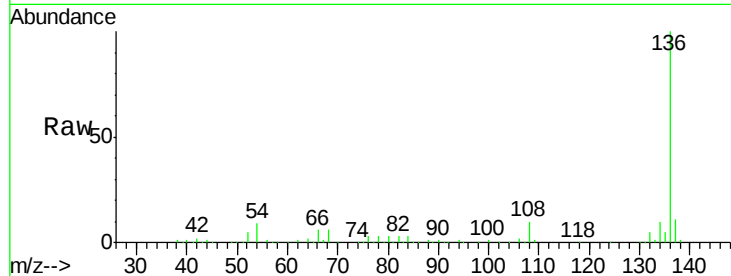




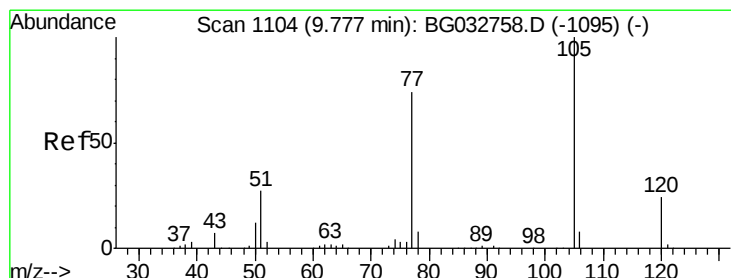
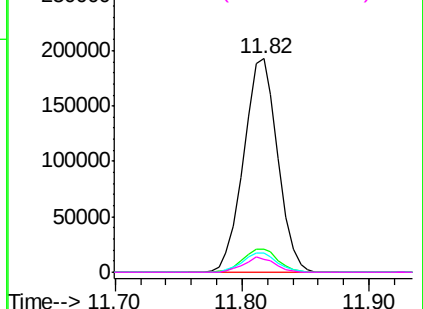
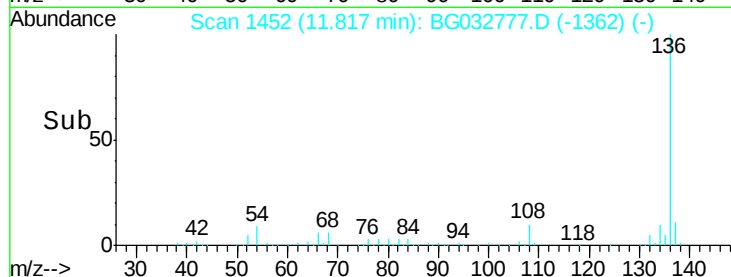
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.82 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Instrument :
BNA_G
ClientSampled :
TP-7-8

Tot Ion:136	Resp:	357849
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.2 13.8
54	9.0	10.3 15.5#
68	5.8	4.5 6.7

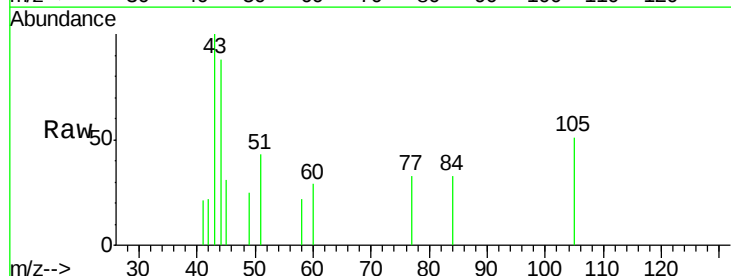


Abundance Ion 136.00 (135.70 to 136.70): E
300000
Ion 137.00 (136.70 to 137.70): E
250000
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

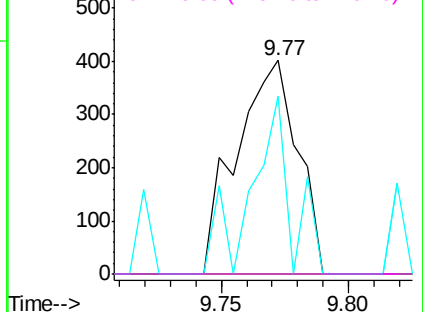
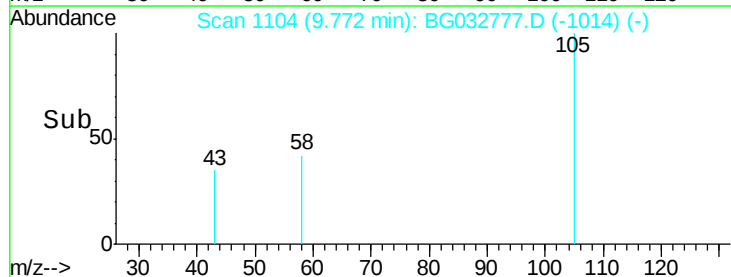


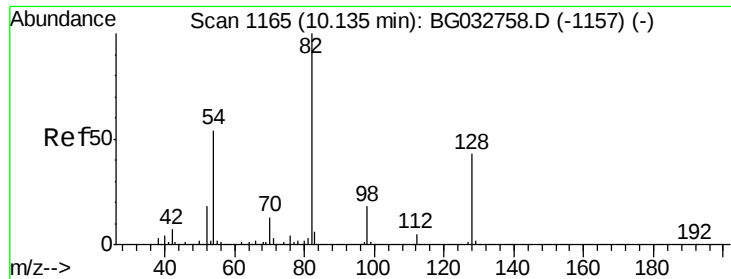
#22
Acetophenone
Concen: 0.075 ng
RT: 9.77 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion:105	Resp:	677
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	83.6	26.1 39.1#
120	0.0	17.4 26.2#



Abundance Ion 105.00 (104.70 to 105.70): E
600
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

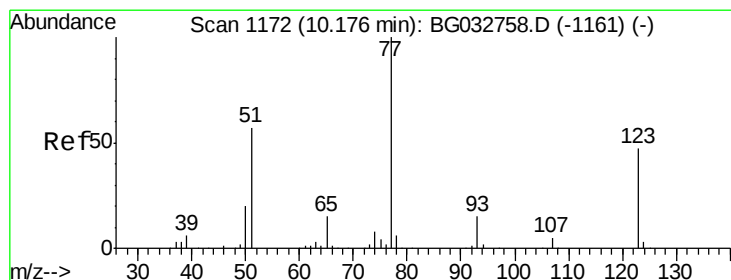
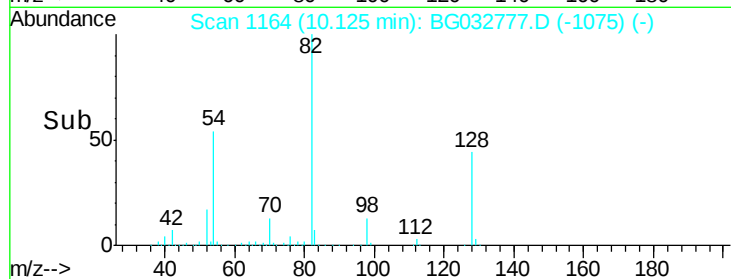
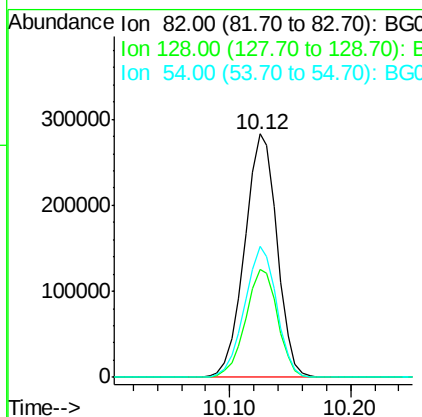
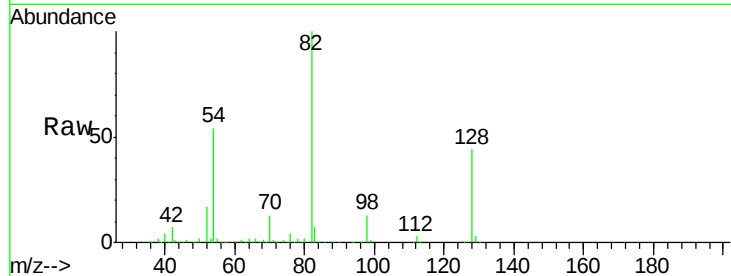




#23
 Nitrobenzene-d5
 Concen: 100.339 ng
 RT: 10.12 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

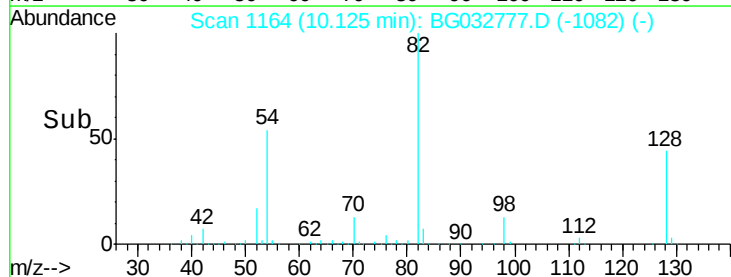
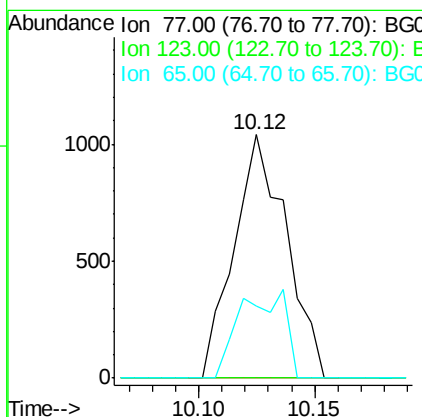
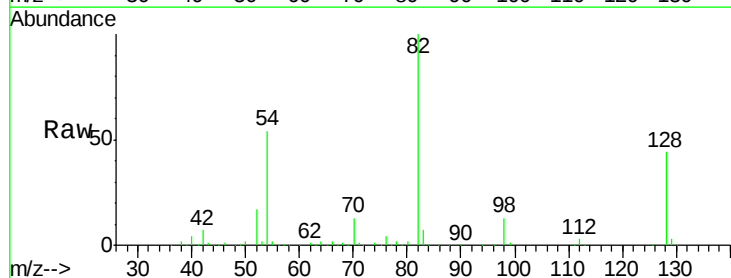
Instrument :
 BNA_G
 ClientSampled :
 TP-7-8

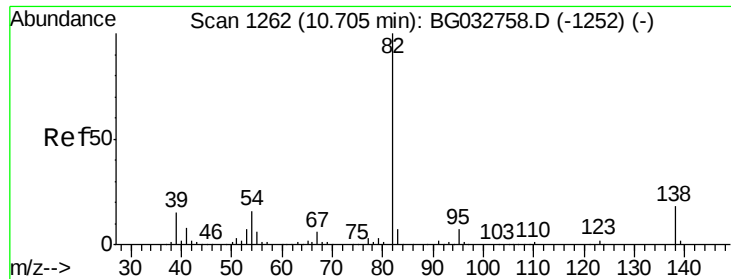
Tot Ion	82	Resp	527859
Ion Ratio	Lower	Upper	
82	100		
128	44.5	29.7	44.5
54	53.6	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.630 ng
 RT: 10.12 min Scan# 1164
 Delta R.T. -0.05 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

Tgt Ion	77	Resp	1640
Ion Ratio	Lower	Upper	
77	100		
123	0.0	33.0	49.6#
65	29.6	13.0	19.6#





#25

Isophorone

Concen: 0.004 ng

RT: 10.88 min Scan# 1292

Delta R.T. 0.17 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

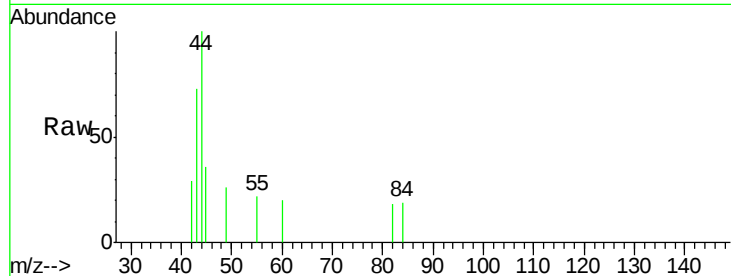
Tot Ion: 82 Resp: 55

Ion Ratio Lower Upper

82 100

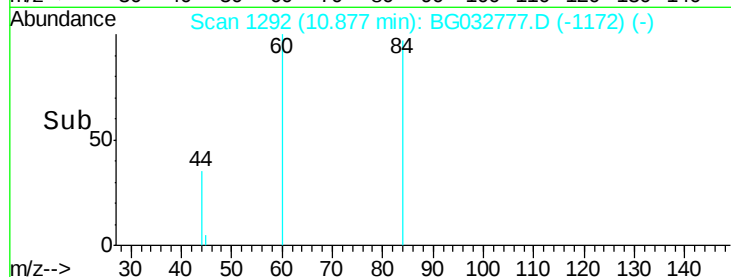
95 0.0 6.2 9.2#

138 0.0 12.1 18.1#

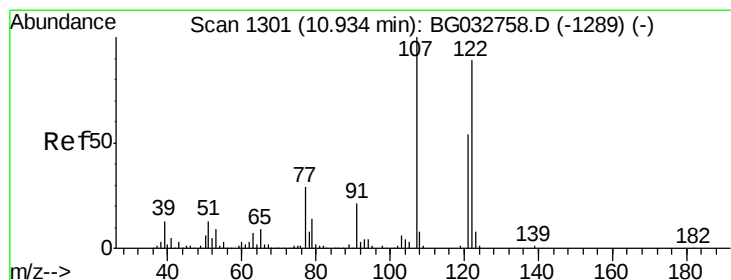


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

10.88



Time-->



#27

2,4-Dimethylphenol

Concen: 0.024 ng

RT: 10.94 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

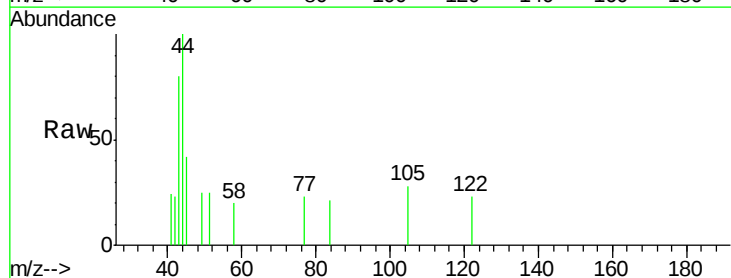
Tgt Ion: 122 Resp: 130

Ion Ratio Lower Upper

122 100

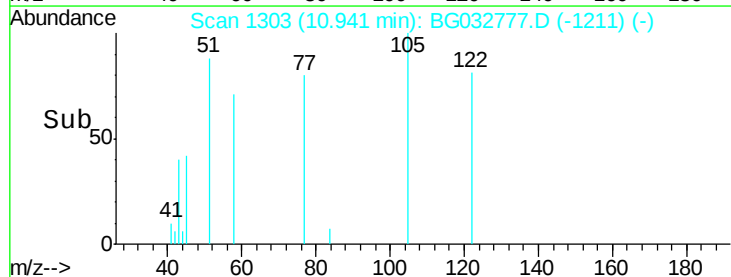
107 0.0 100.2 150.2#

121 0.0 44.4 66.6#

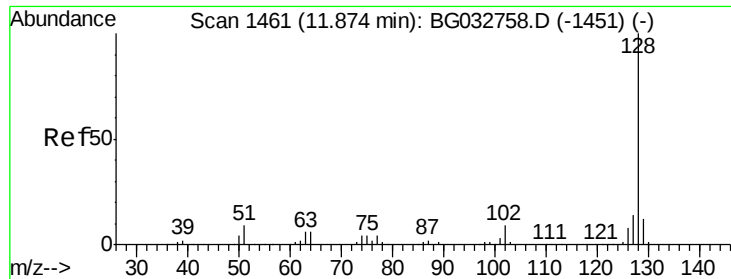


Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 107.00 (106.70 to 107.70): BGC
Ion 121.00 (120.70 to 121.70): BGC

10.94



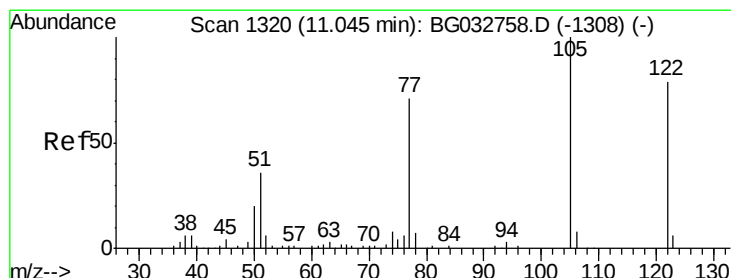
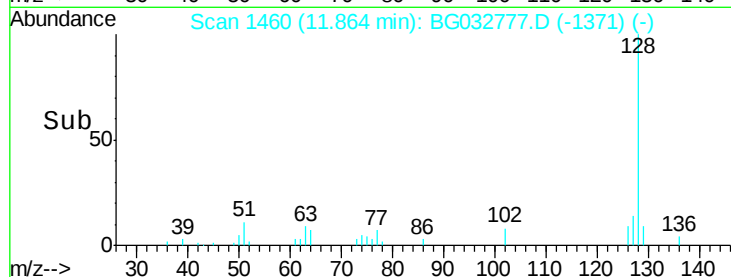
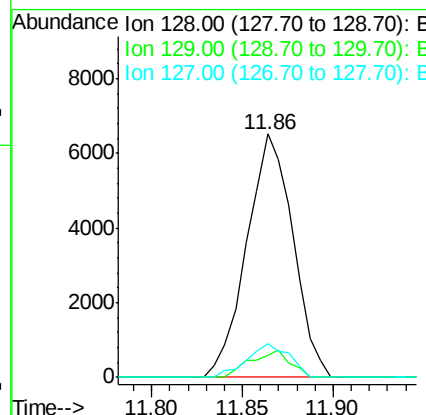
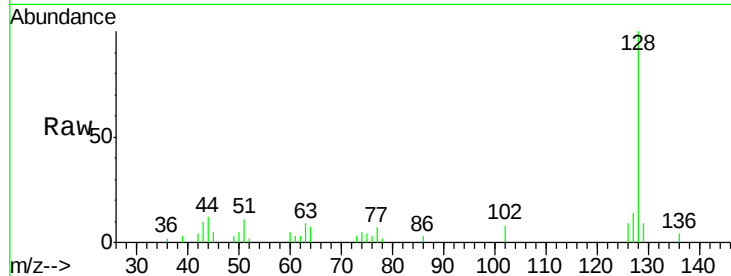
Time-->



#31
Naphthalene
Concen: 0.616 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

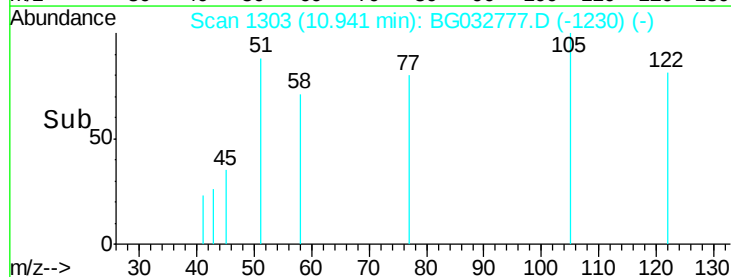
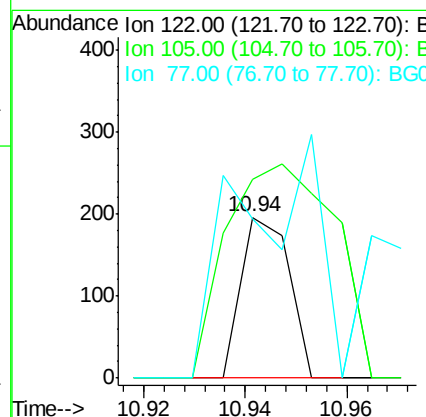
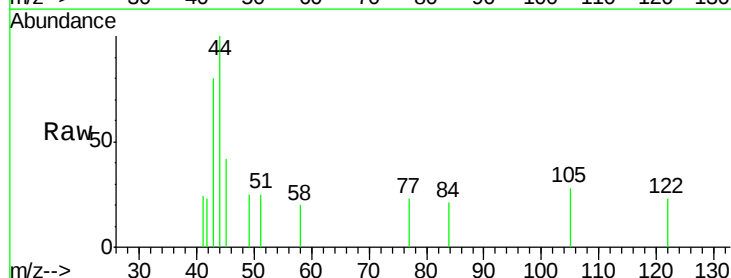
Instrument :
BNA_G
ClientSampleId :
TP-7-8

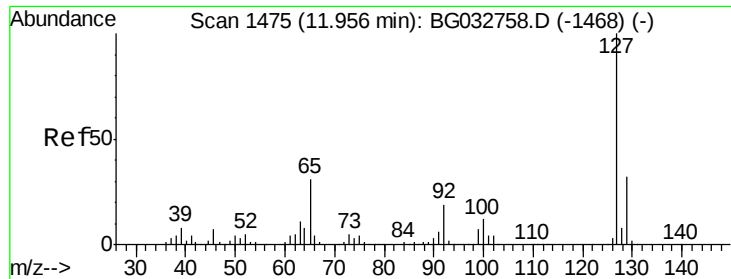
Tot Ion:128 Resp: 11515
Ion Ratio Lower Upper
128 100
129 9.4 8.6 12.8
127 13.7 11.6 17.4



#32
Benzoic acid
Concen: 5.861 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.10 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion:122 Resp: 130
Ion Ratio Lower Upper
122 100
105 124.0 123.5 163.5
77 99.0 85.7 125.7

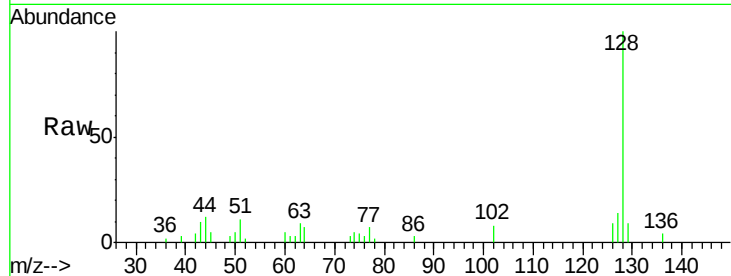




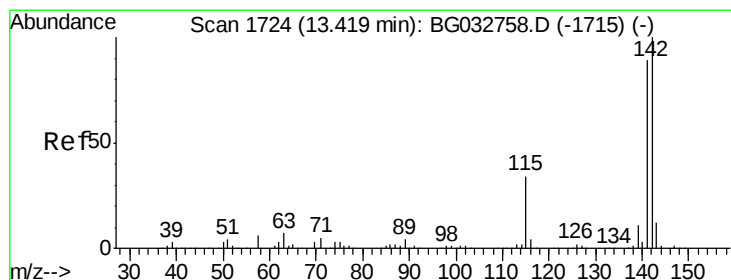
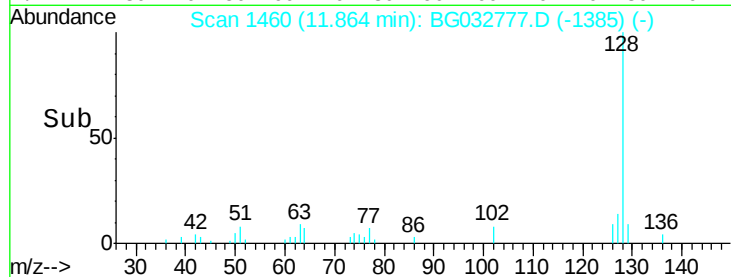
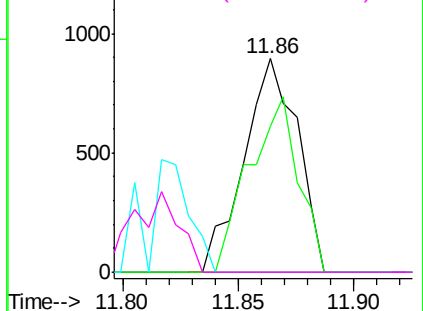
#33
4-Chloroaniline
Concen: 0.173 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.09 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Instrument :
BNA_G
ClientSampleId :
TP-7-8

Tot Ion:127 Resp: 1443
Ion Ratio Lower Upper
127 100
129 68.2 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#

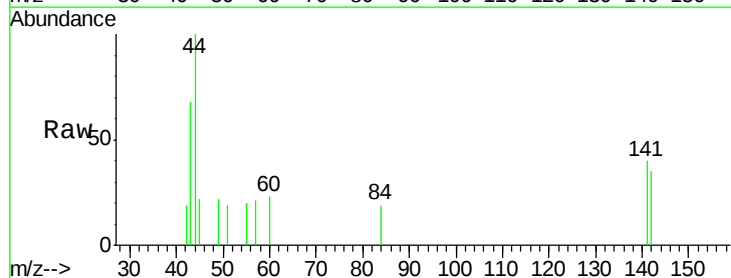


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

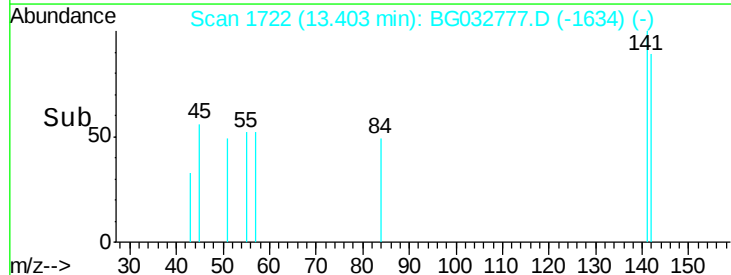
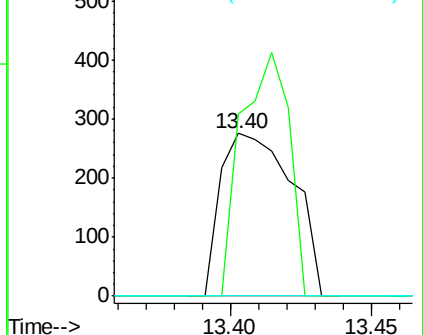


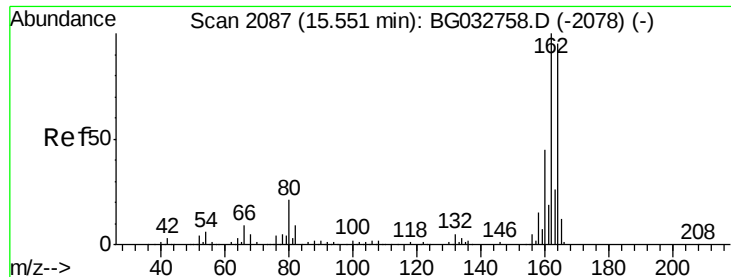
#37
2-Methylnaphthalene
Concen: 0.036 ng
RT: 13.40 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion:142 Resp: 486
Ion Ratio Lower Upper
142 100
141 112.0 67.1 100.7#
115 0.0 30.7 46.1#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

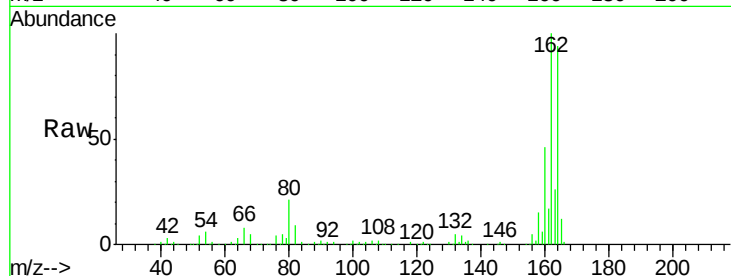
Tot Ion:164 Resp: 196397

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

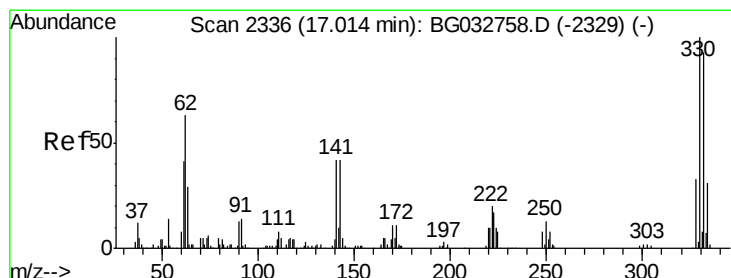
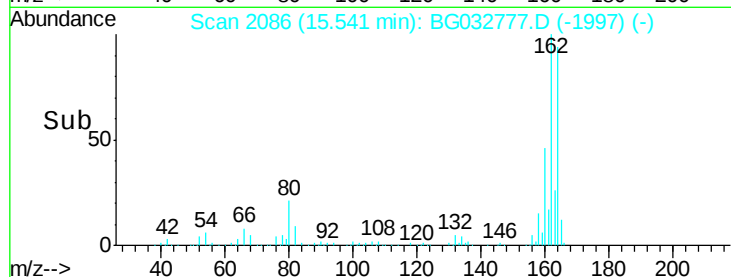
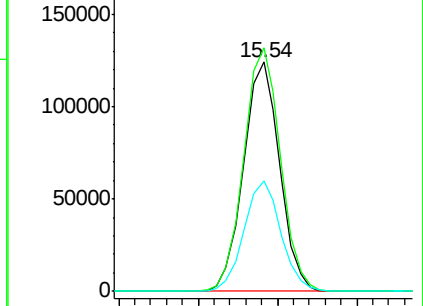
160 48.3 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 145.174 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

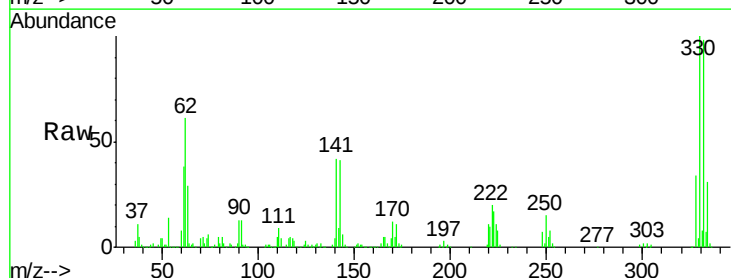
Tgt Ion:330 Resp: 299791

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

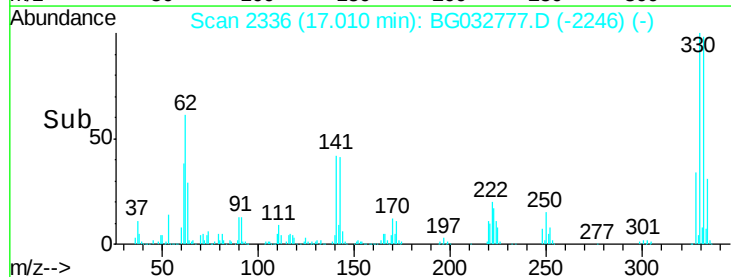
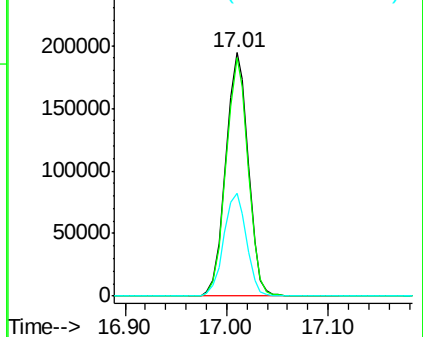
141 42.6 25.2 37.8#

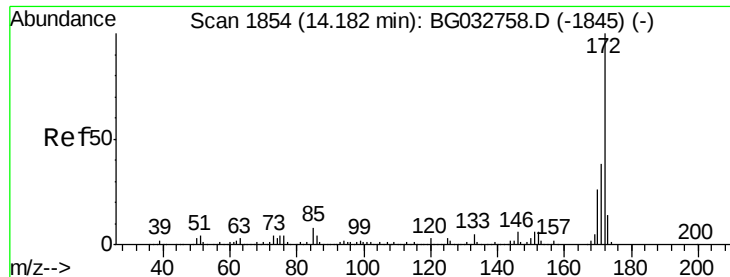


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

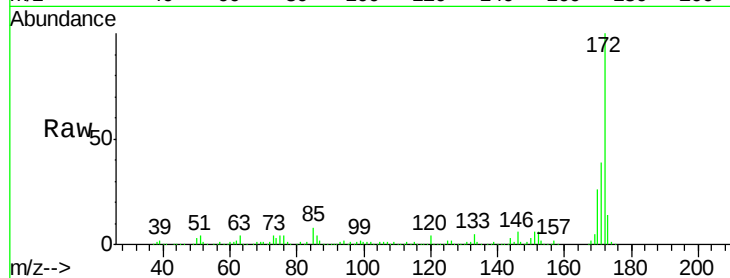




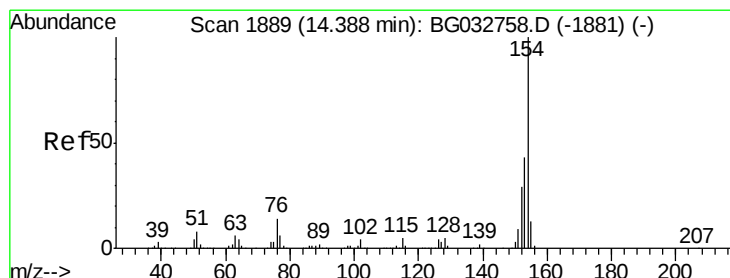
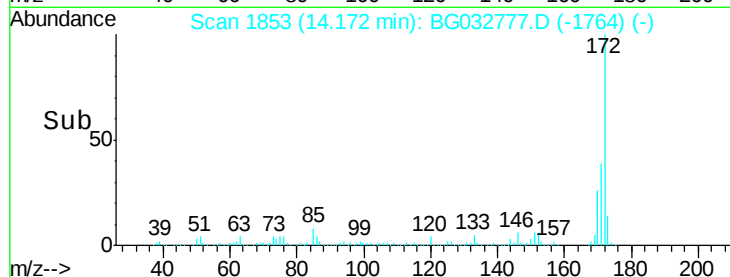
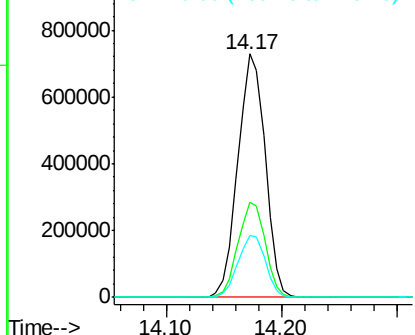
#44
2-Fluorobiphenyl
Concen: 87.698 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Instrument :
BNA_G
ClientSampled :
TP-7-8

Tot Ion:172 Resp: 1194213
Ion Ratio Lower Upper
172 100
171 39.1 30.0 45.0
170 25.6 19.5 29.3

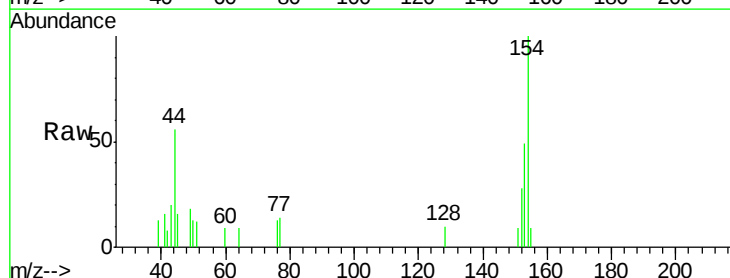


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

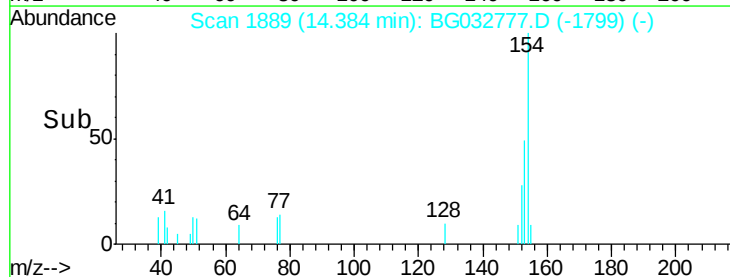
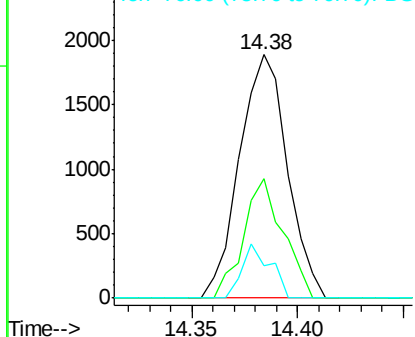


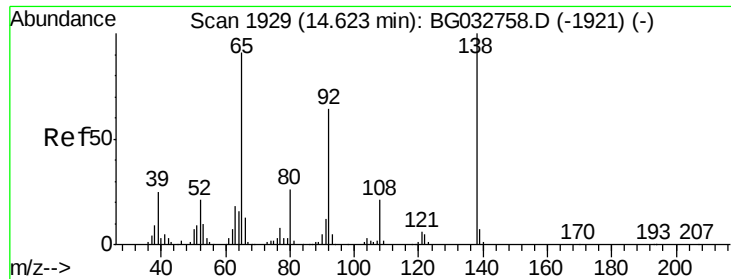
#45
1,1'-Biphenyl
Concen: 0.172 ng
RT: 14.38 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion:154 Resp: 2958
Ion Ratio Lower Upper
154 100
153 49.0 19.8 59.8
76 13.5 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): BG

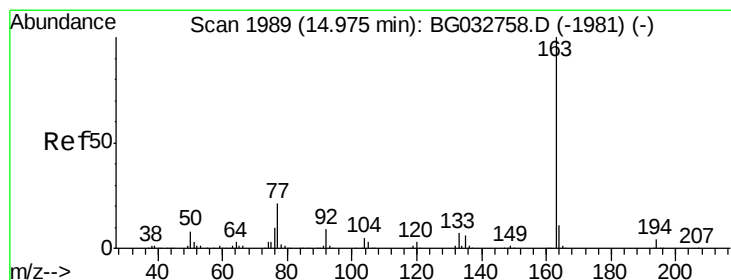
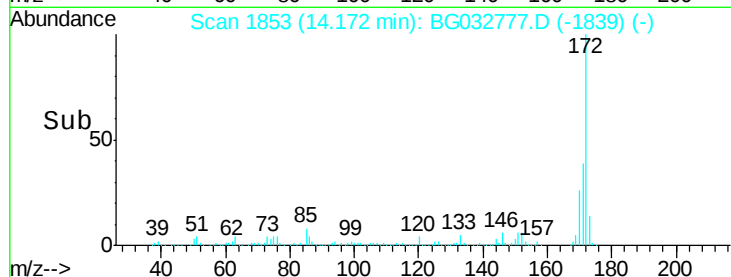
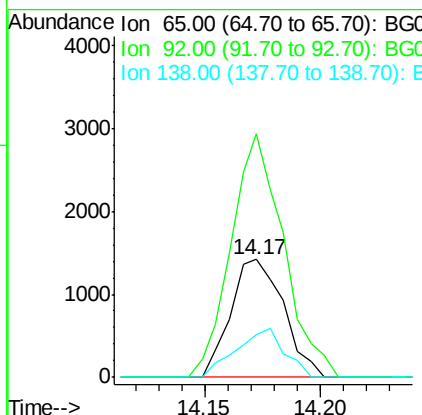
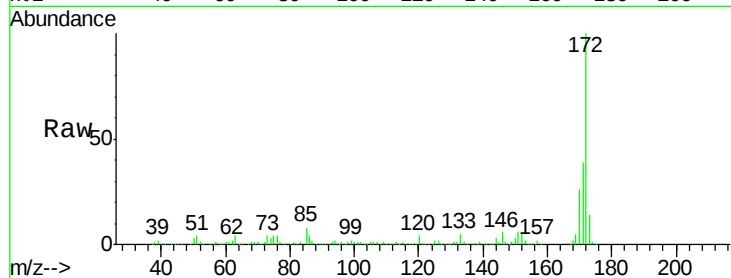




#47
2-Nitroaniline
Concen: 10.393 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.45 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

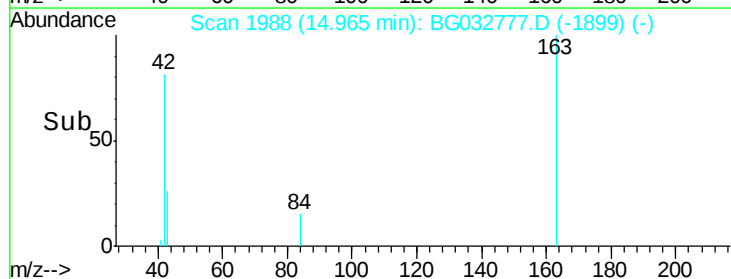
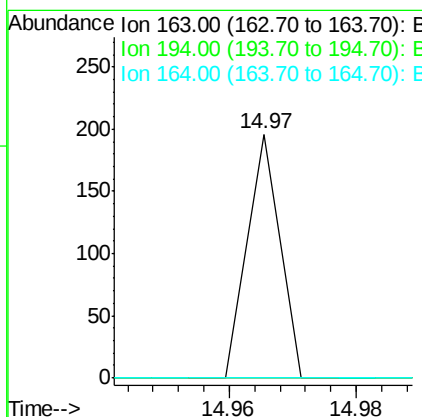
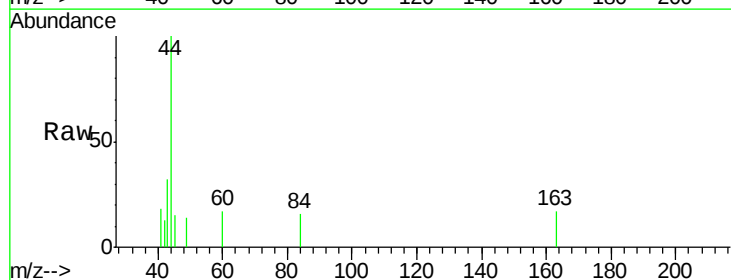
Instrument :
BNA_G
ClientSampleId :
TP-7-8

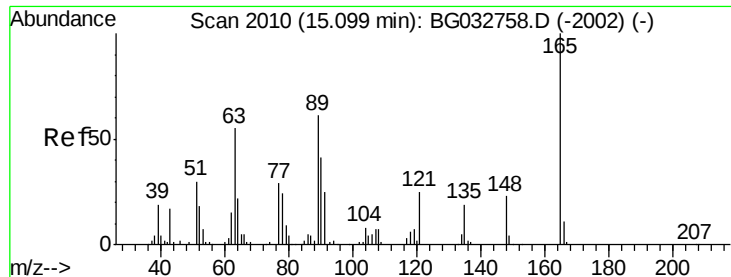
Tot Ion: 65 Resp: 2267
Ion Ratio Lower Upper
65 100
92 206.2 54.6 82.0#
138 36.0 72.9 109.3#



#49
Dimethylphthalate
Concen: 0.004 ng
RT: 14.97 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion: 163 Resp: 69
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.2#
164 0.0 8.2 12.4#

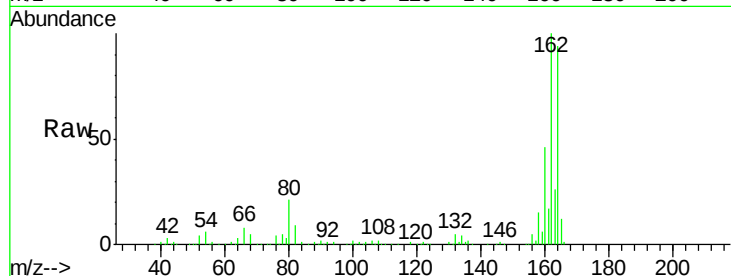




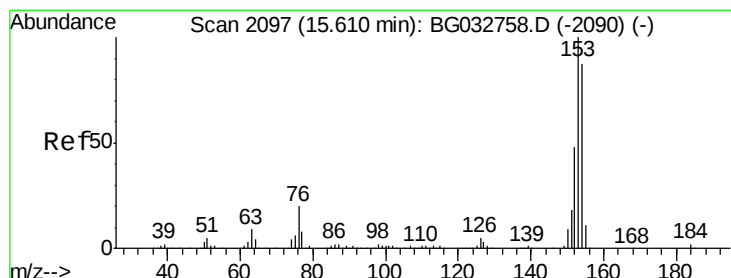
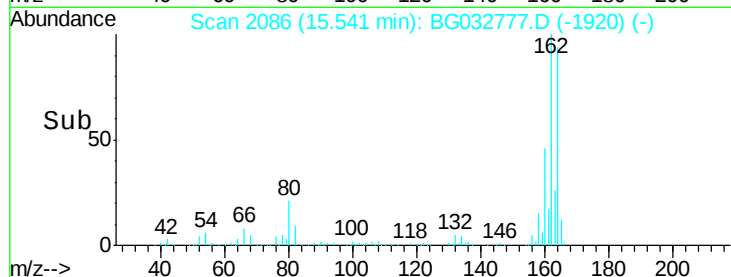
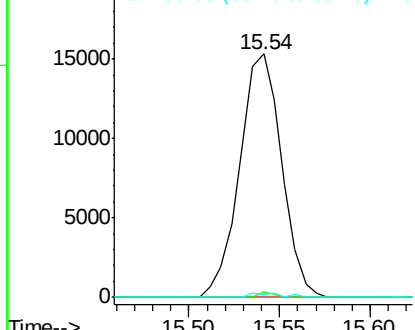
#50
2,6-Dinitrotoluene
Concen: 16.191 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.44 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Instrument :
BNA_G
ClientSampleId :
TP-7-8

Tot Ion:165 Resp: 24709
Ion Ratio Lower Upper
165 100
63 2.1 52.7 79.1#
89 1.1 49.2 73.8#

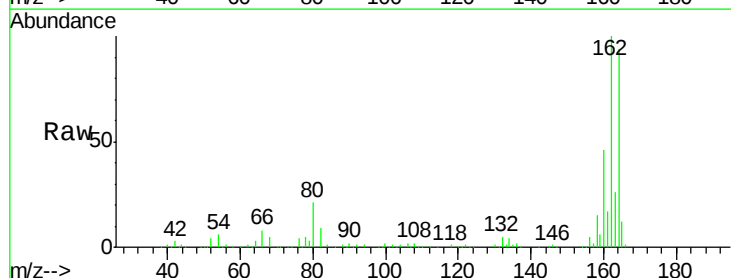


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

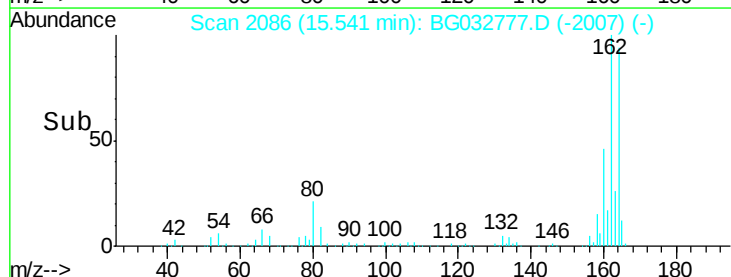
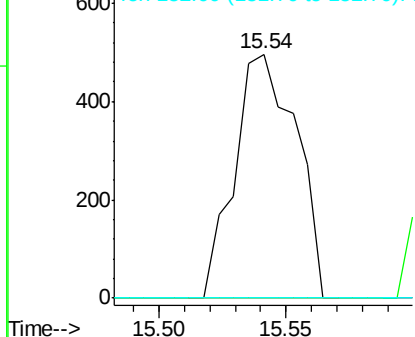


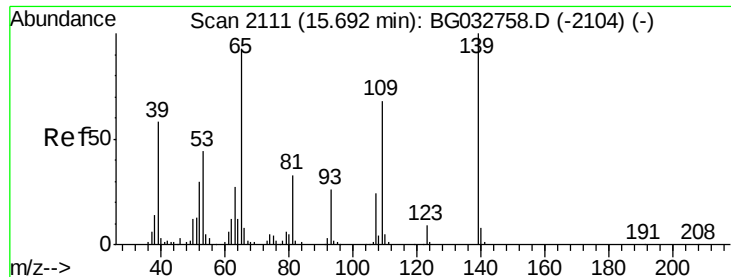
#51
Acenaphthene
Concen: 0.064 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.07 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion:154 Resp: 842
Ion Ratio Lower Upper
154 100
153 0.0 90.4 135.6#
152 0.0 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





#55

4-Nitrophenol

Concen: 7.099 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.24 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

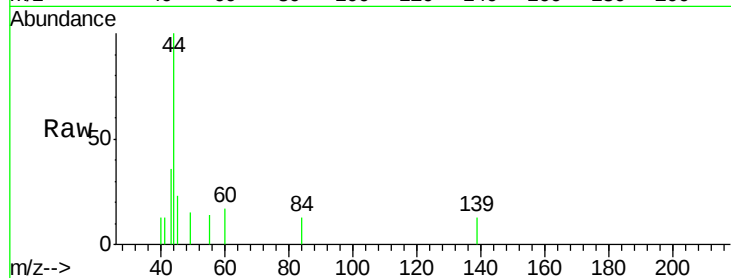
Tot Ion:139 Resp: 56

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

65 0.0 97.2 137.2#

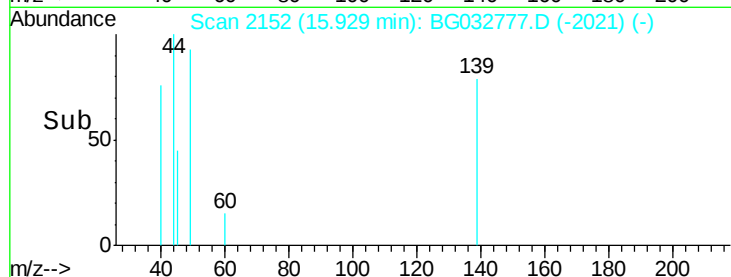


Abundance Ion 139.00 (138.70 to 139.70): E

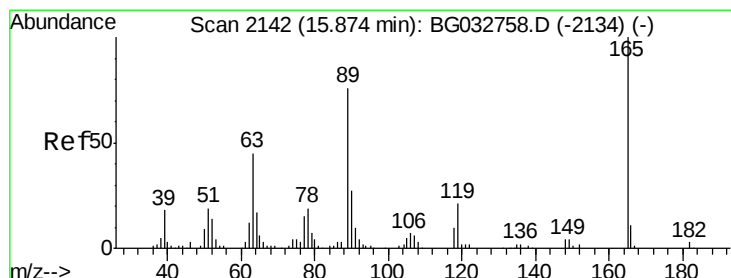
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

15.93



Time-->



#56

2,4-Dinitrotoluene

Concen: 14.387 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.33 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Tgt Ion:165 Resp: 24709

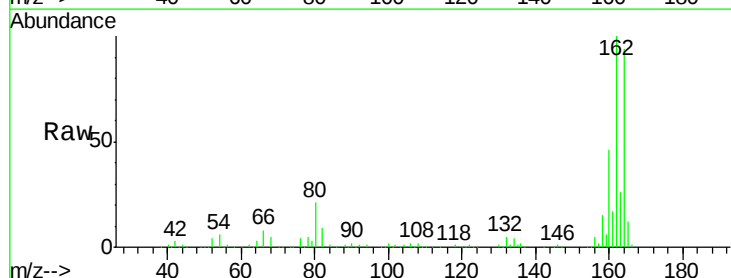
Ion Ratio Lower Upper

165 100

63 2.1 42.0 63.0#

89 1.1 66.9 100.3#

182 0.0 2.6 3.8#



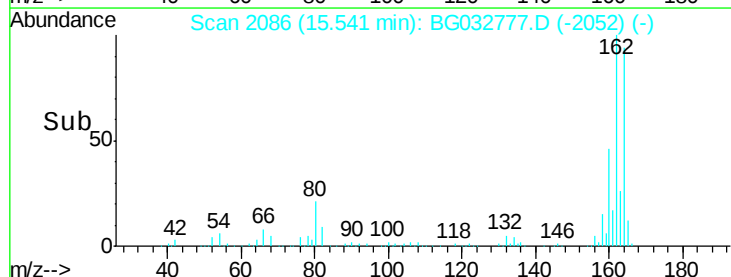
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

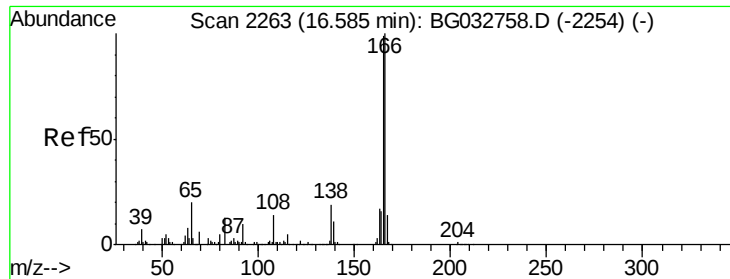
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

15.54



Time-->



#57

Fluorene

Concen: 0.967 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.42 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampled :

TP-7-8

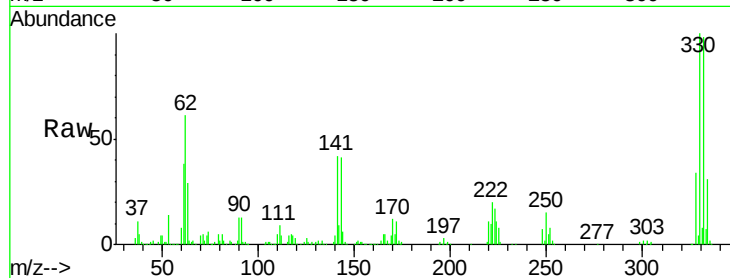
Tot Ion:166 Resp: 14858

Ion Ratio Lower Upper

166 100

165 97.8 80.6 121.0

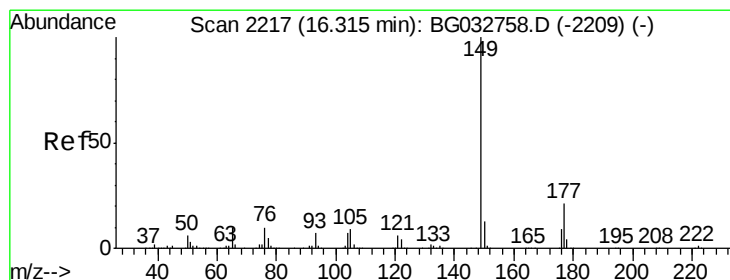
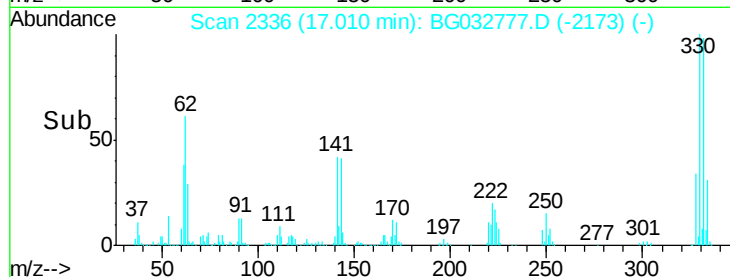
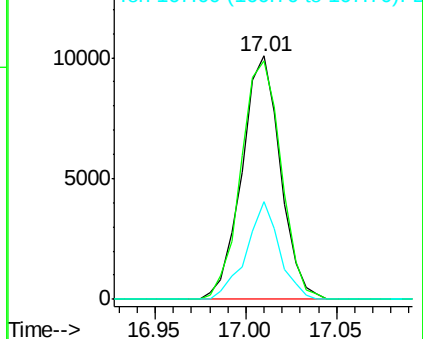
167 40.1 10.4 15.6#



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: 0.417 ng

RT: 16.30 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

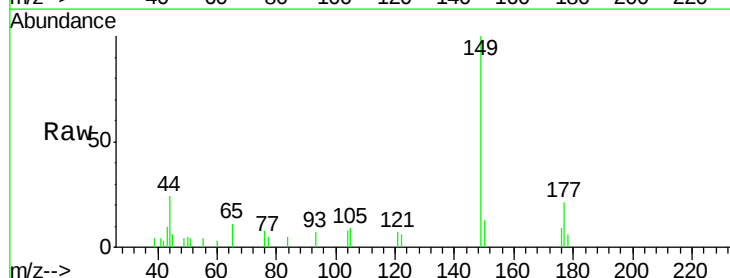
Tgt Ion:149 Resp: 7328

Ion Ratio Lower Upper

149 100

177 21.2 18.5 27.7

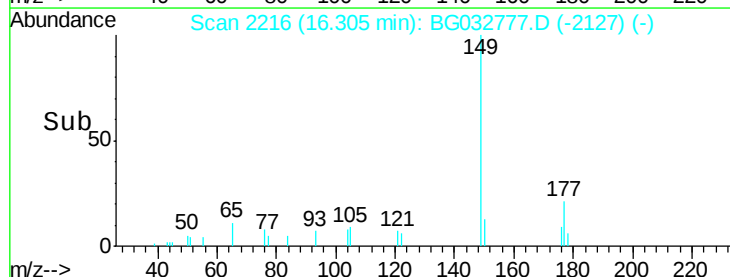
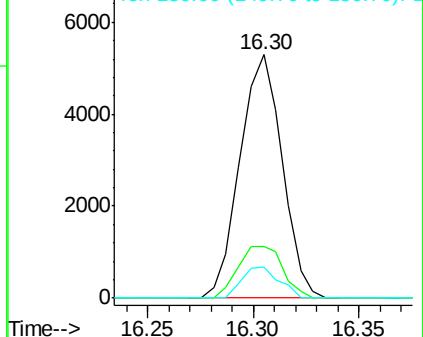
150 12.9 10.2 15.2

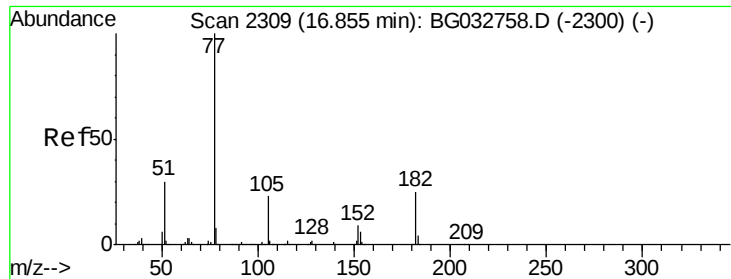


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 0.123 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.15 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

Tot Ion: 77 Resp: 1933

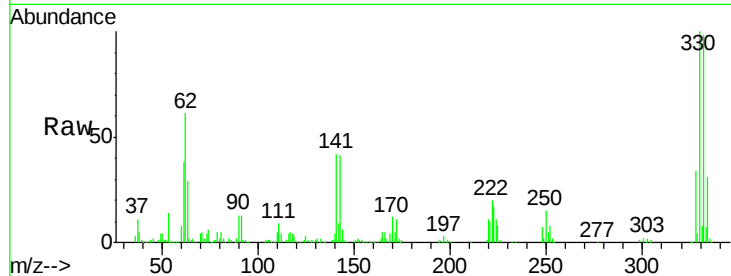
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 110.1 0.3 40.3#

51 94.2 11.6 51.6#

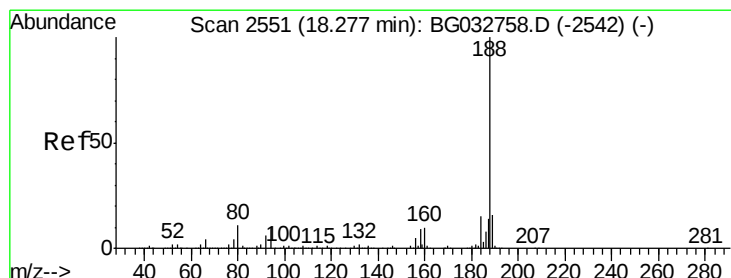
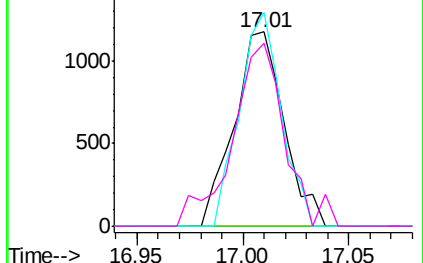
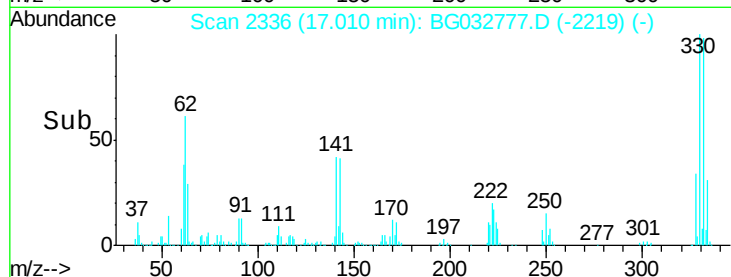


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

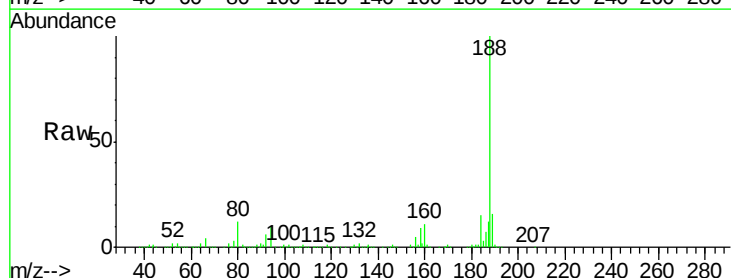
Tgt Ion: 188 Resp: 438243

Ion Ratio Lower Upper

188 100

94 10.0 6.9 10.3

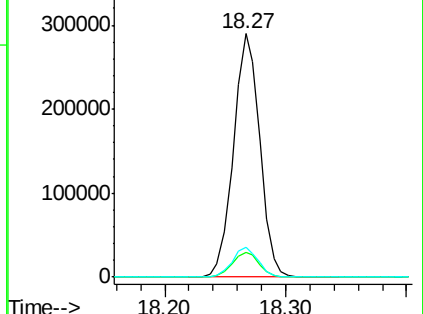
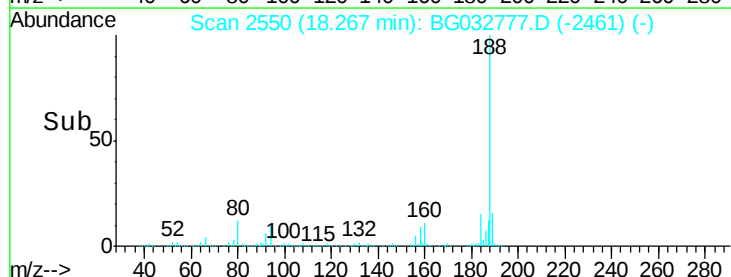
80 12.2 7.7 11.5#

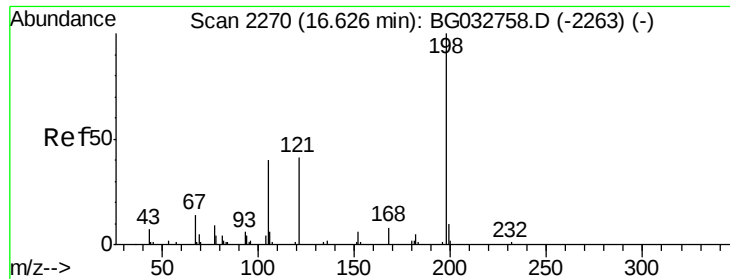


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

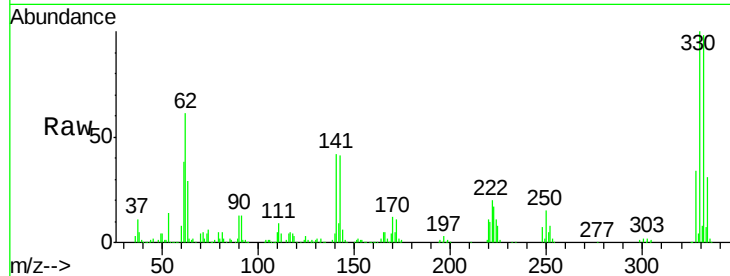




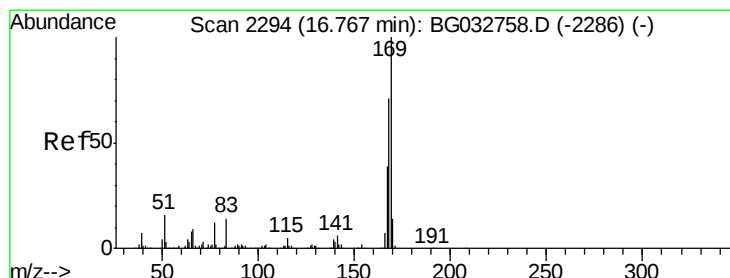
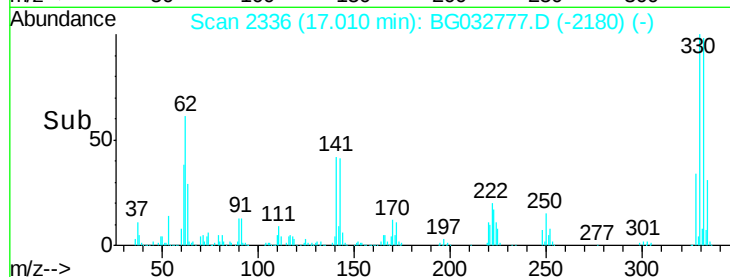
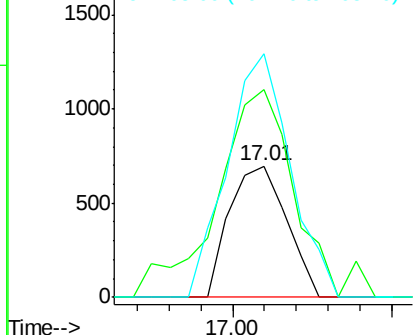
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.785 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.38 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-8

Tot Ion:198 Resp: 863
 Ion Ratio Lower Upper
 198 100
 51 159.1 30.6 70.6#
 105 185.9 23.8 63.8#

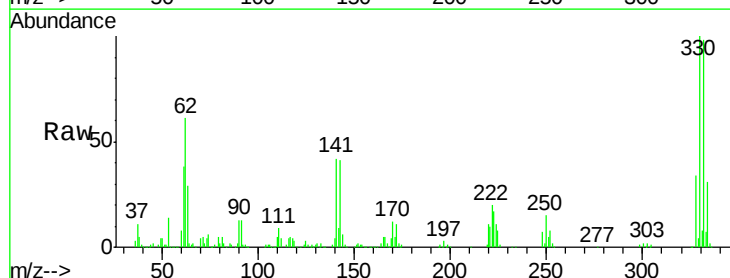


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG032777.D (-2180) (-)
 Ion 105.00 (104.70 to 105.70): E

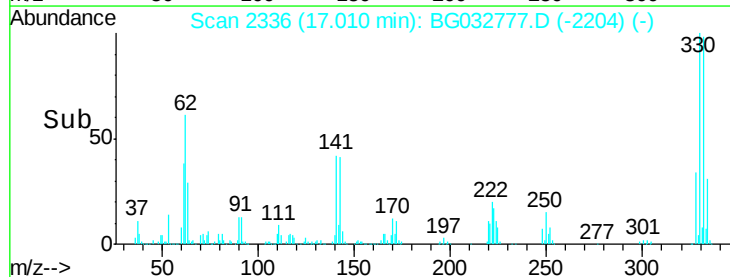
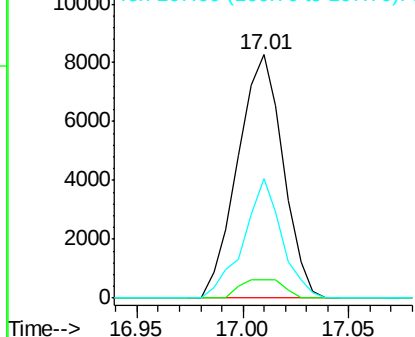


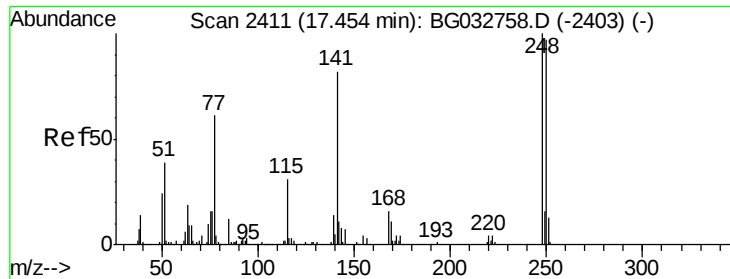
#65
 n-Nitrosodiphenylamine
 Concen: 0.861 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. 0.24 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

Tgt Ion:169 Resp: 12276
 Ion Ratio Lower Upper
 169 100
 168 7.3 55.7 83.5#
 167 48.8 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

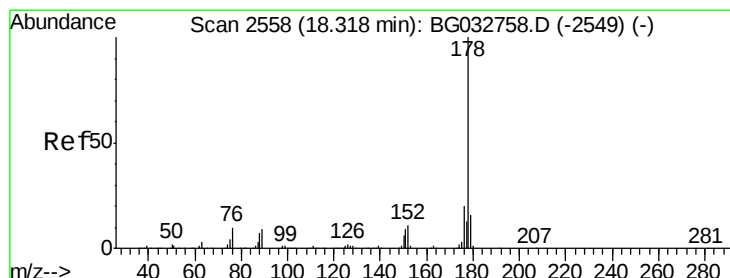
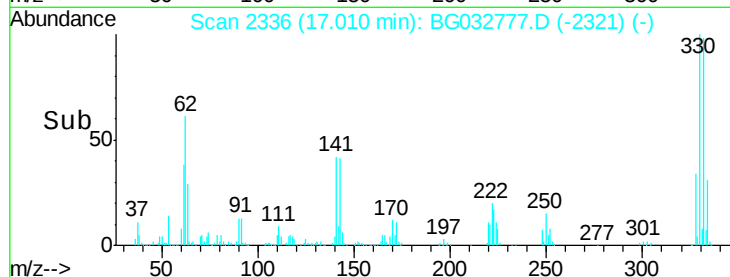
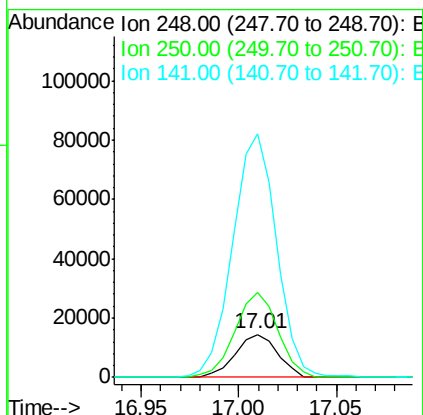
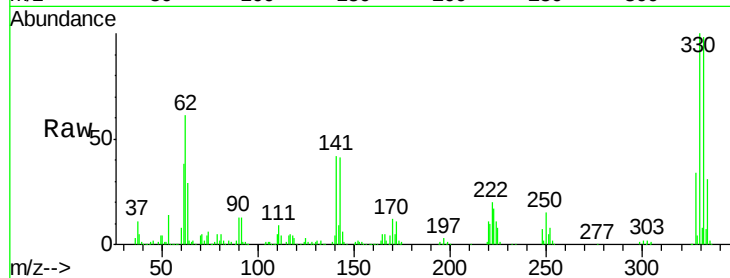




#66
 4-Bromophenyl-phenylether
 Concen: 4.688 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.44 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

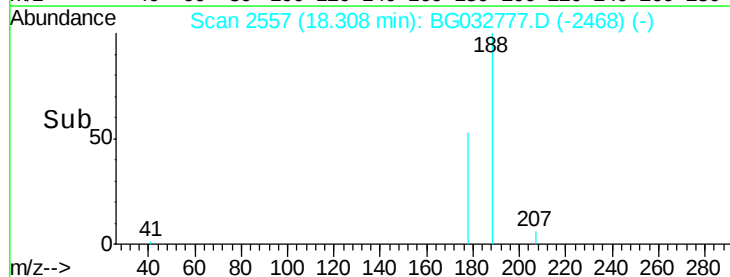
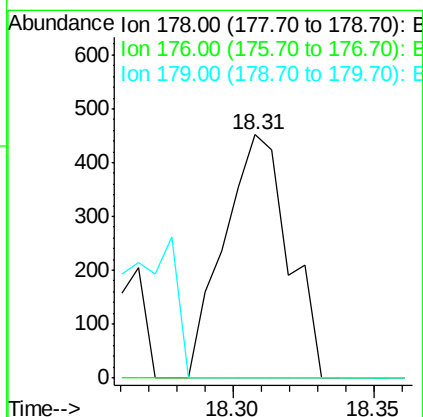
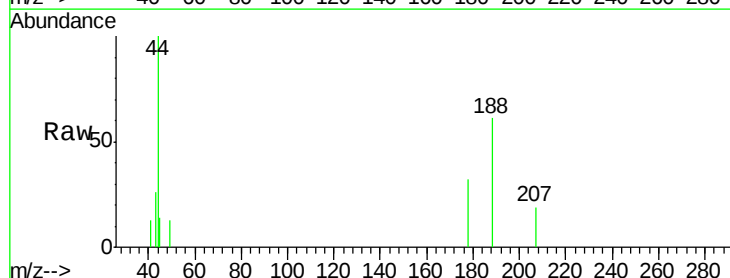
Instrument :
 BNA_G
 ClientSampleId :
 TP-7-8

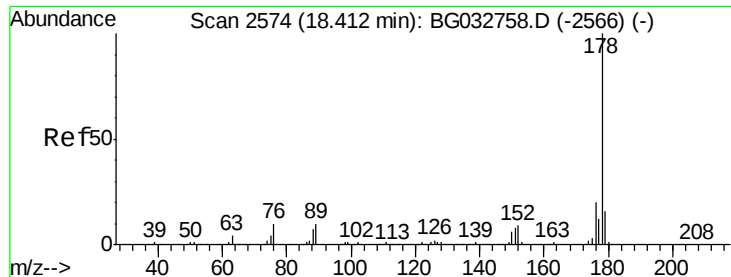
Tot Ion:248 Resp: 21725
 Ion Ratio Lower Upper
 248 100
 250 195.8 77.1 115.7#
 141 563.2 50.8 76.2#



#70
 Phenanthrene
 Concen: 0.029 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG032777.D
 Acq: 22 Feb 2018 3:30

Tgt Ion:178 Resp: 714
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 0.0 12.5 18.7#





#71

Anthracene

Concen: 0.029 ng

RT: 18.31 min Scan# 2557

Delta R.T. -0.10 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

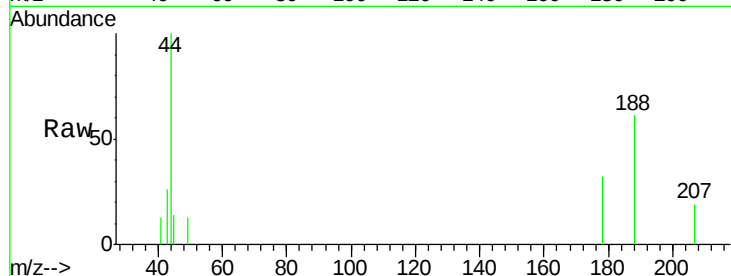
Tot Ion:178 Resp: 714

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

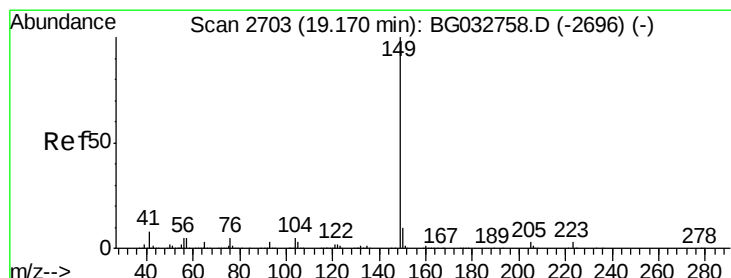
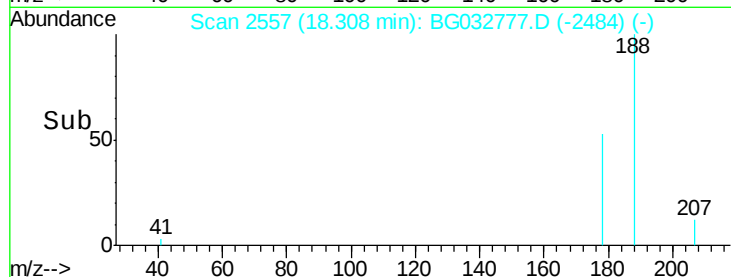
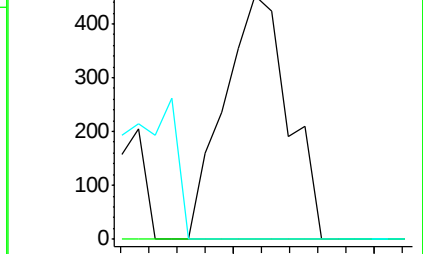
179 0.0 12.5 18.7#



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



#73

Di-n-butylphthalate

Concen: 0.083 ng

RT: 19.17 min Scan# 2703

Delta R.T. -0.00 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

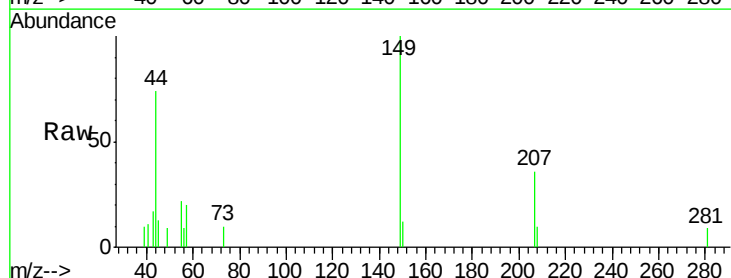
Tgt Ion:149 Resp: 2449

Ion Ratio Lower Upper

149 100

150 11.5 7.8 11.6

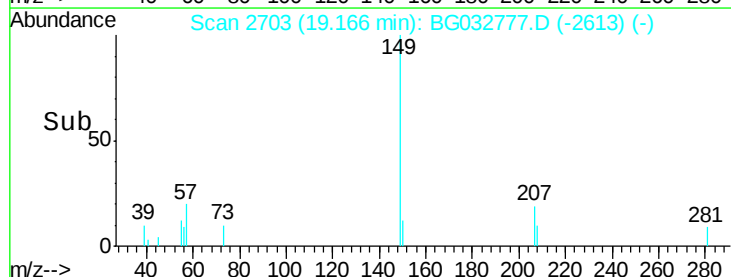
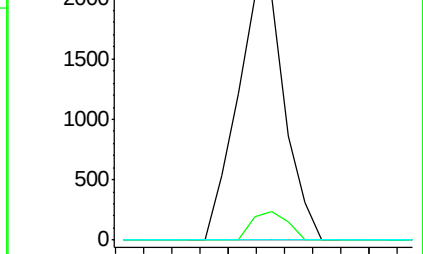
104 0.0 3.9 5.9#

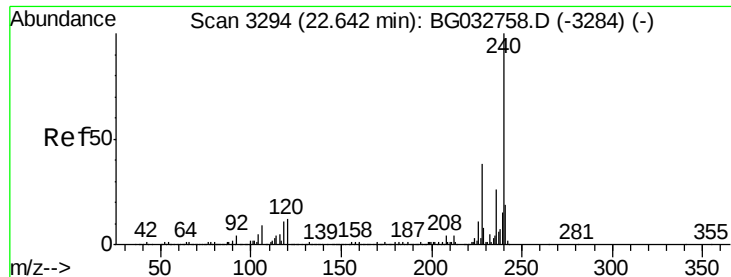


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

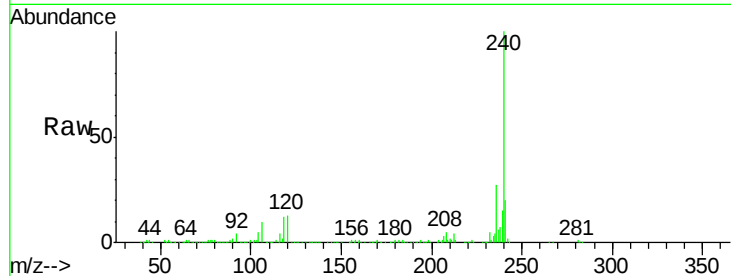
Tot Ion:240 Resp: 418707

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

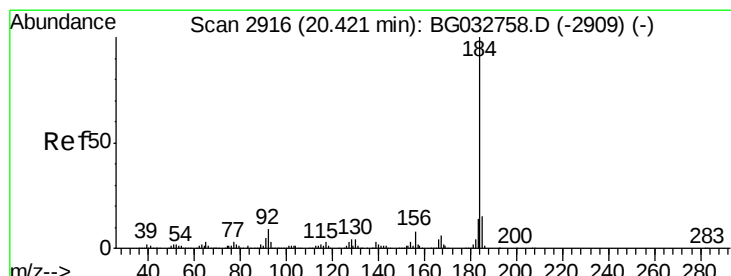
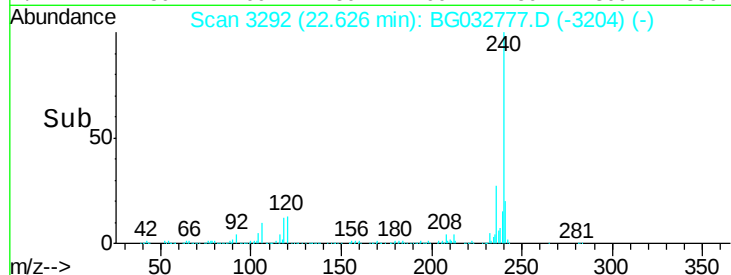
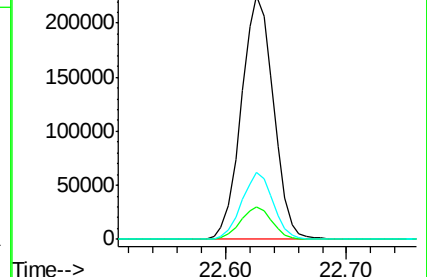
236 27.4 20.9 31.3



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



#76

Benzidine

Concen: 1.994 ng

RT: 20.79 min Scan# 2980

Delta R.T. 0.37 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

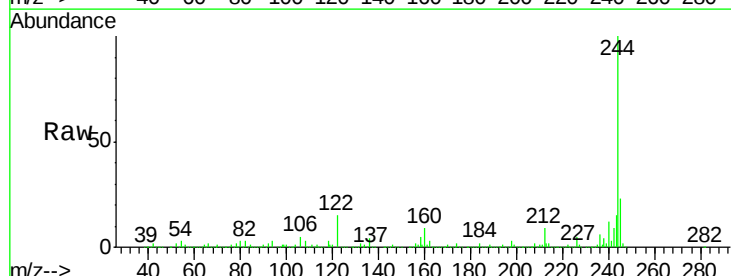
Tgt Ion:184 Resp: 28465

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

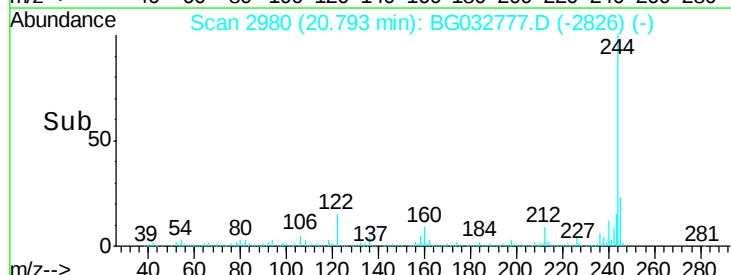
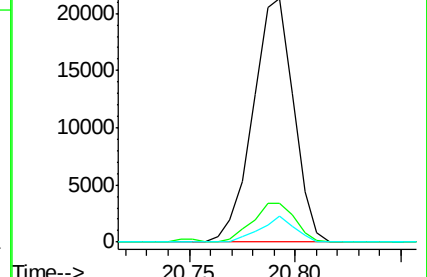
183 10.6 10.6 16.0#

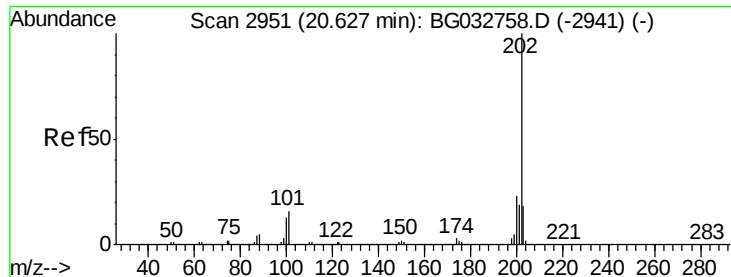


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.221 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.16 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

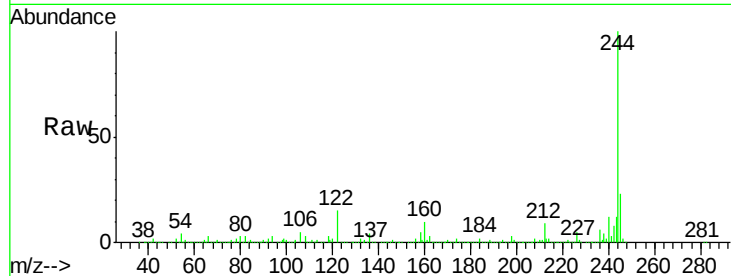
Tot Ion:202 Resp: 6525

Ion Ratio Lower Upper

202 100

200 49.4 16.9 25.3#

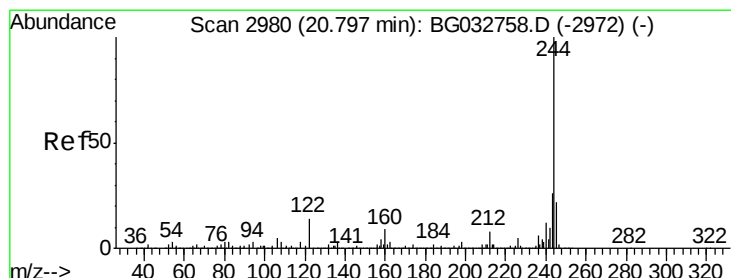
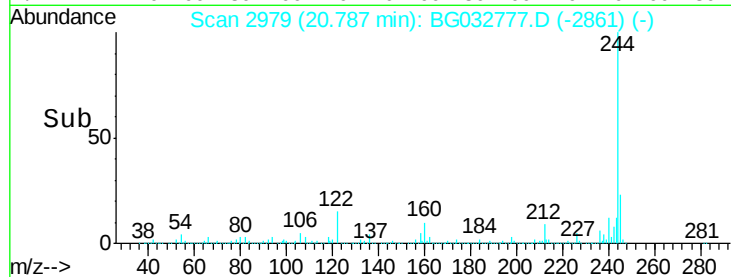
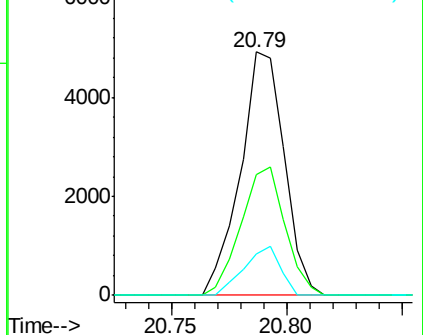
203 16.8 13.9 20.9



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: 88.954 ng

RT: 20.79 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

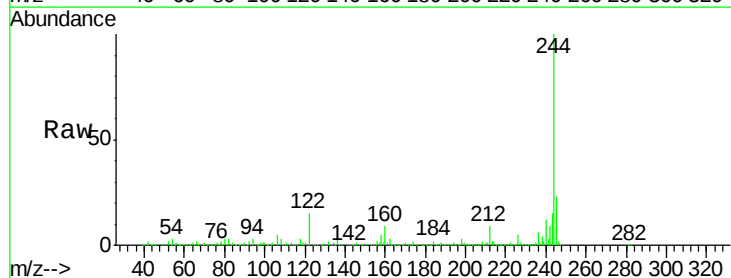
Tgt Ion:244 Resp: 1657776

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

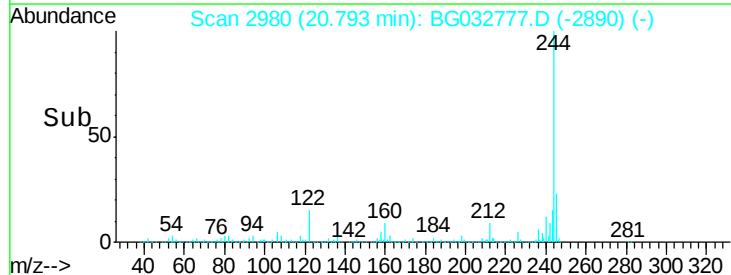
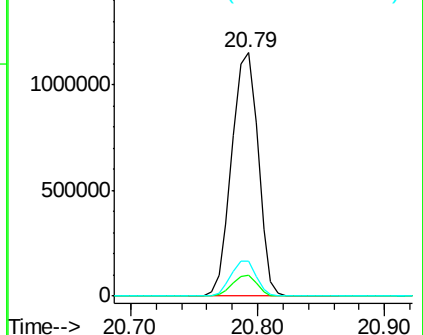
122 14.6 7.0 10.4#

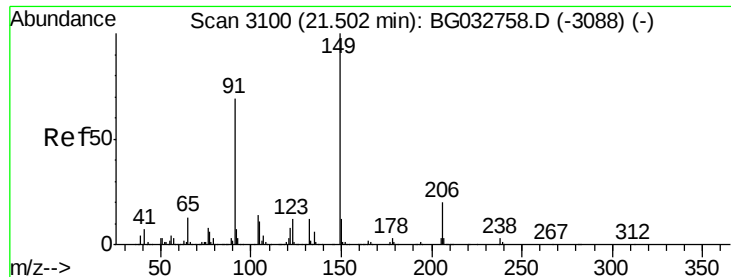


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

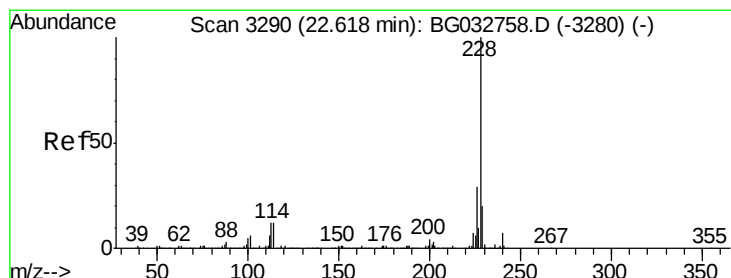
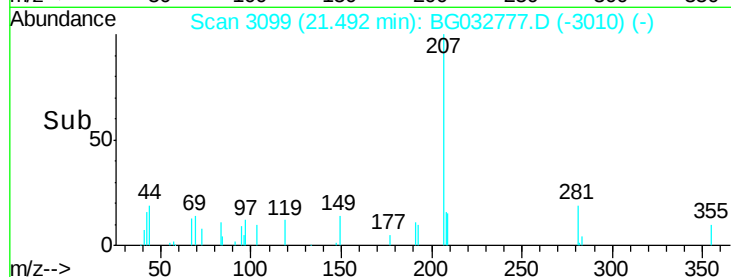
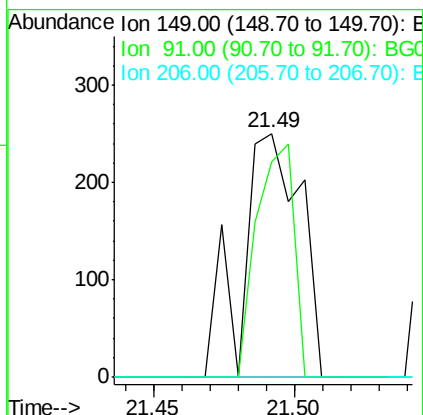
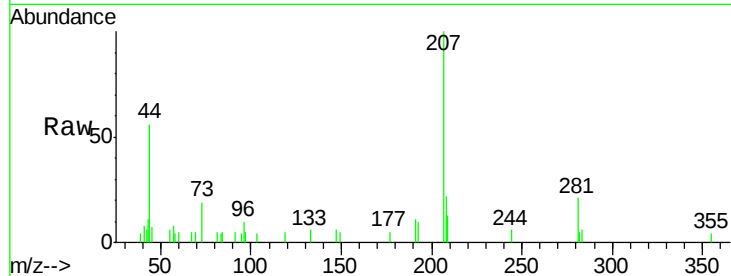




#79
Butylbenzylphthalate
Concen: 0.028 ng
RT: 21.49 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

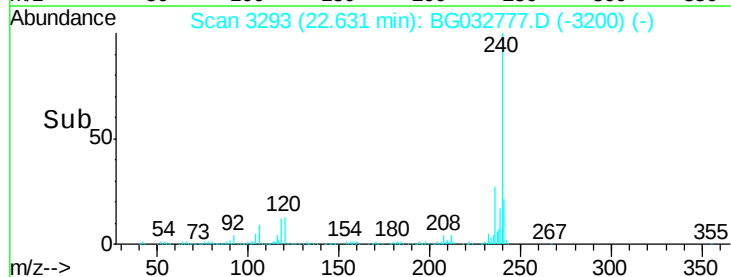
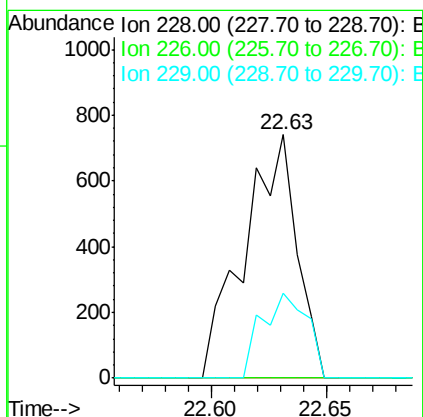
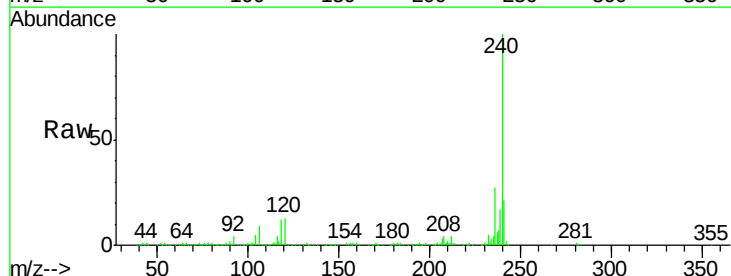
Instrument :
BNA_G
ClientSampleId :
TP-7-8

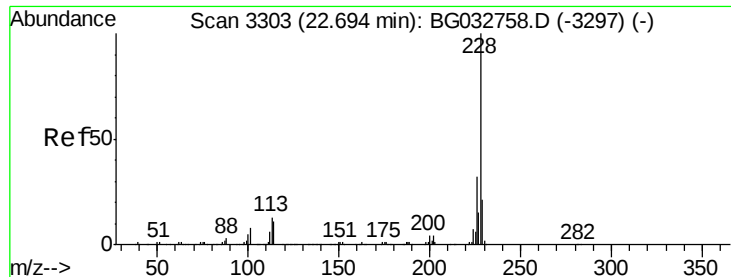
Tot Ion:149 Resp: 363
Ion Ratio Lower Upper
149 100
91 88.4 62.2 93.2
206 0.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 0.044 ng
RT: 22.63 min Scan# 3293
Delta R.T. 0.01 min
Lab File: BG032777.D
Acq: 22 Feb 2018 3:30

Tgt Ion:228 Resp: 1177
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 34.7 16.2 24.2#





#82

Chrysene

Concen: 0.046 ng

RT: 22.63 min Scan# 3293

Delta R.T. -0.06 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

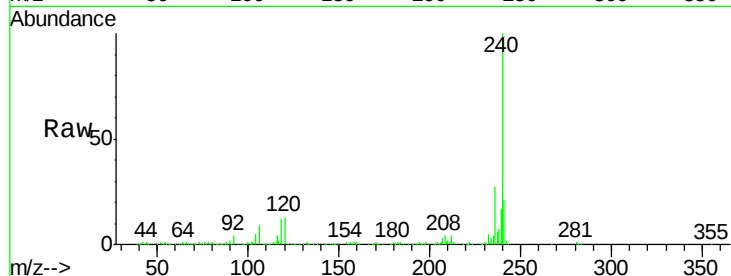
Tot Ion:228 Resp: 1177

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

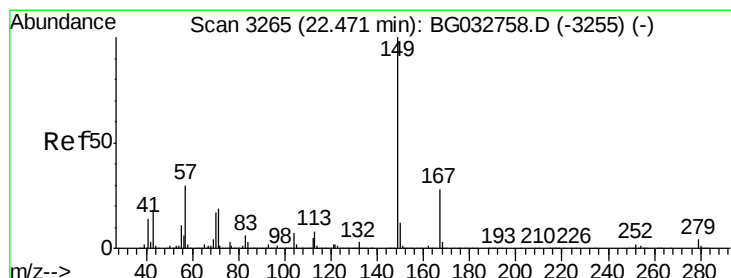
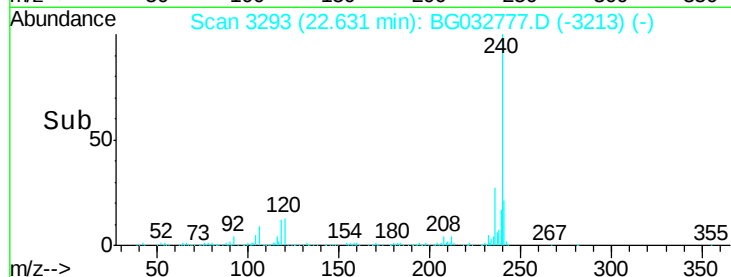
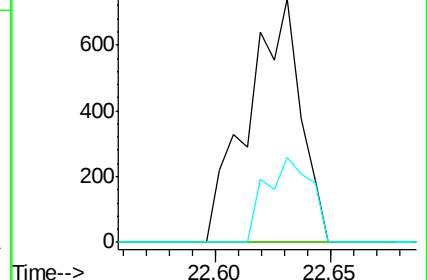
229 34.7 15.0 22.4#



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: 0.078 ng

RT: 22.46 min Scan# 3263

Delta R.T. -0.02 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

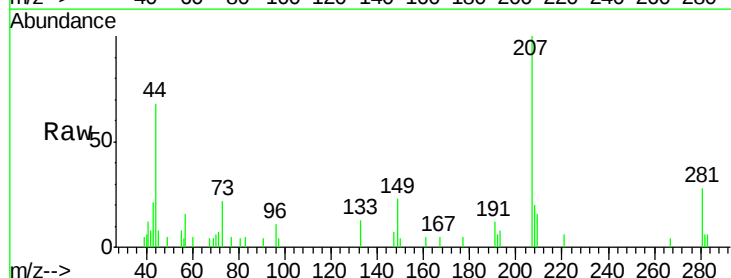
Tgt Ion:149 Resp: 1520

Ion Ratio Lower Upper

149 100

167 19.8 24.3 36.5#

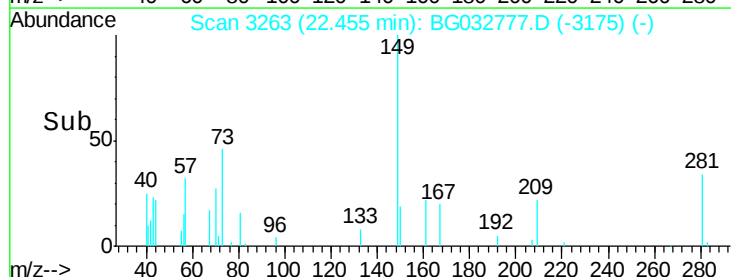
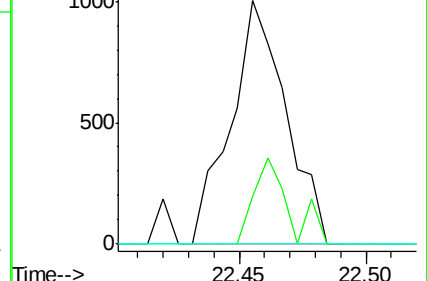
279 0.0 4.0 6.0#

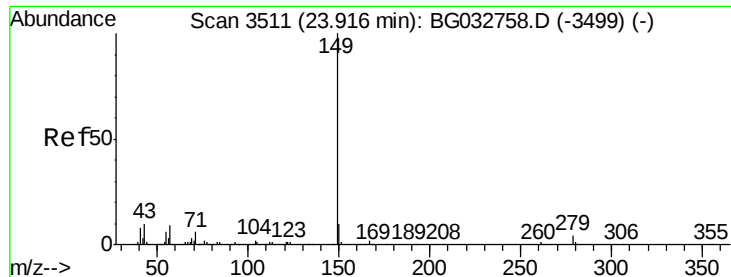


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.007 ng

RT: 23.89 min Scan# 3508

Delta R.T. -0.02 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampled :

TP-7-8

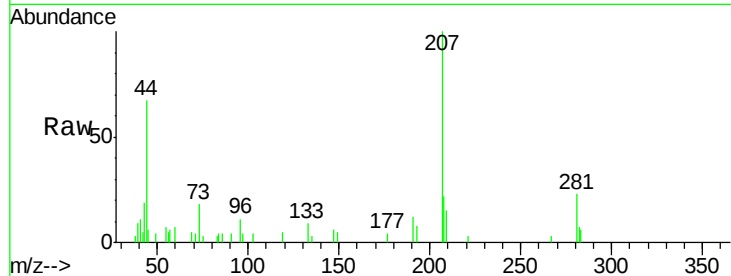
Tot Ion:149 Resp: 200

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

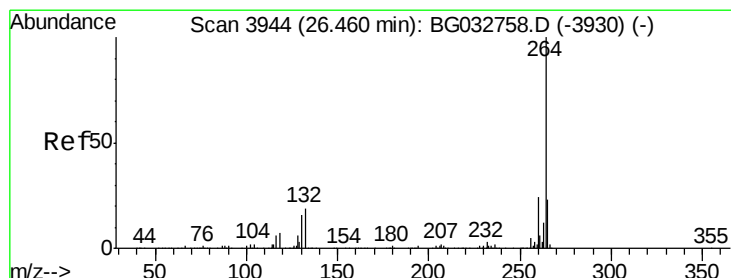
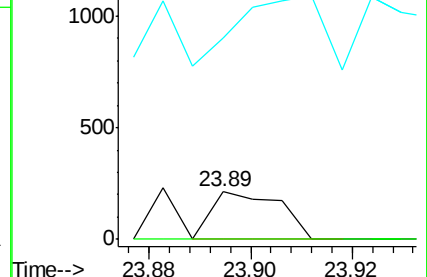
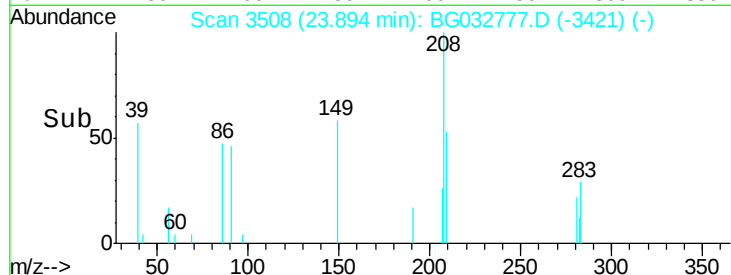
43 188.0 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.44 min Scan# 3941

Delta R.T. -0.02 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

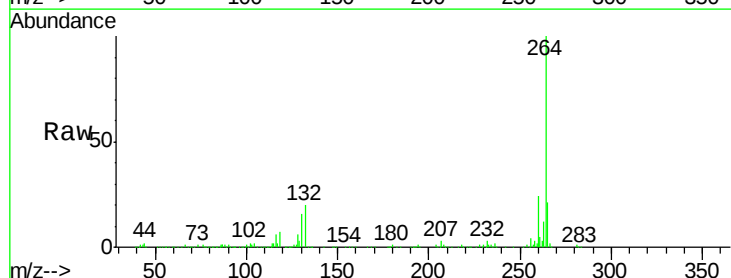
Tgt Ion:264 Resp: 447042

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

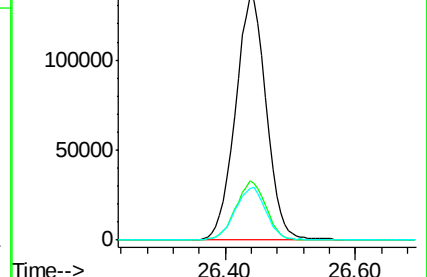
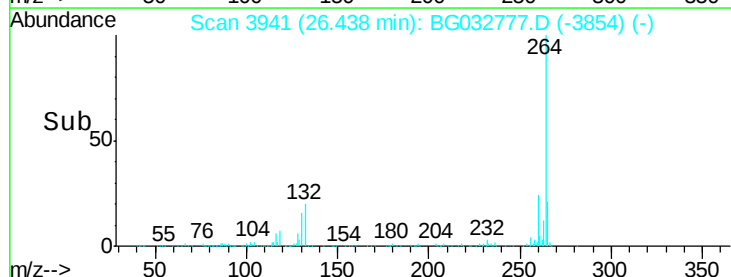
265 21.3 17.7 26.5

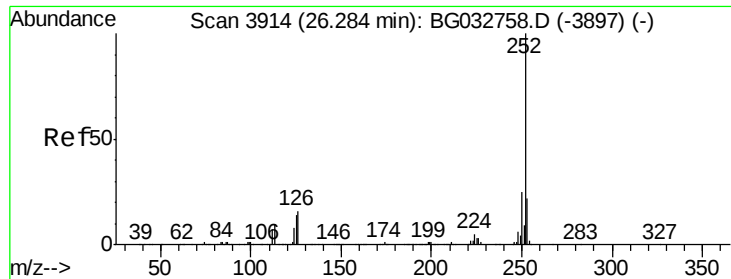


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.062 ng

RT: 26.43 min Scan# 3940

Delta R.T. 0.15 min

Lab File: BG032777.D

Acq: 22 Feb 2018 3:30

Instrument :

BNA_G

ClientSampleId :

TP-7-8

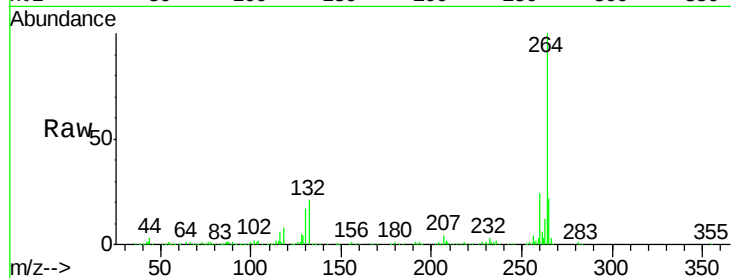
Tot Ion: 252 Resp: 1563

Ion Ratio Lower Upper

252 100

253 52.0 18.3 27.5#

125 0.0 7.3 10.9#



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

