

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032776.D
 Acq On : 22 Feb 2018 2:53
 Operator : SJ/JU
 Sample : J1623-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-6

Quant Time: Feb 22 06:19:48 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	8.92	152	75102	20.00	ng	-0.01
21) Naphthalene-d8	11.81	136	320470	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	174225	20.00	ng	-0.01
63) Phenanthrene-d10	18.27	188	401523	20.00	ng	0.00
75) Chrysene-d12	22.62	240	407989	20.00	ng	-0.02
86) Perylene-d12	26.44	264	428897	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	572996	122.06	ng	0.00
7) Phenol-d6	8.02	99	679820	103.90	ng	0.00
23) Nitrobenzene-d5	10.12	82	475782	100.92	ng	-0.01
41) 2,4,6-Tribromophenol	17.01	330	276210	150.78	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1066312	88.27	ng	0.00
78) Terphenyl-d14	20.79	244	1560956	85.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.72	88	318	0.156	ng	# 11
3) Pyridine	4.00	79	54	0.010	ng	# 1
4) n-Nitrosodimethylamine	4.33	42	91	0.040	ng	# 1
6) Aniline	8.11	93	55	0.006	ng	# 41
8) 2-Chlorophenol	8.44	128	53	0.010	ng	# 1
9) Benzaldehyde	8.01	77	1302	0.345	ng	# 18
10) Phenol	8.44	94	1232	0.187	ng	# 1
11) bis(2-Chloroethyl)ether	8.44	93	875	0.162	ng	# 1
15) Benzyl Alcohol	9.27	79	8229	1.711	ng	# 37
16) 2,2'-oxybis(1-Chloropropan	9.45	45	70	0.008	ng	# 75
18) Hexachloroethane	10.16	117	65	0.032	ng	# 1
19) n-Nitroso-di-n-propylamine	10.12	70	63103	13.661	ng	# 81
22) Acetophenone	9.76	105	715	0.088	ng	# 63
24) Nitrobenzene	10.12	77	1606	6.653	ng	# 35
25) Isophorone	10.39	82	54	0.005	ng	# 69
27) 2,4-Dimethylphenol	10.95	122	182	0.037	ng	# 1
31) Naphthalene	11.87	128	54225	3.238	ng	# 98
32) Benzoic acid	10.95	122	182	5.888	ng	# 58
33) 4-Chloroaniline	11.87	127	7202	0.962	ng	# 31
37) 2-Methylnaphthalene	13.63	142	4995	0.412	ng	# 98
45) 1,1'-Biphenyl	14.38	154	4157	0.273	ng	# 87
47) 2-Nitroaniline	14.17	65	1831	10.343	ng	# 1
48) Acenaphthylene	15.27	152	1256	0.067	ng	# 60
50) 2,6-Dinitrotoluene	15.54	165	22780	16.477	ng	# 20
51) Acenaphthene	15.61	154	1699	0.147	ng	# 86
54) Dibenzofuran	15.93	168	2263	0.137	ng	# 86
55) 4-Nitrophenol	15.93	139	969	7.445	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	22780	14.675	ng	# 18
57) Fluorene	16.57	166	3291	0.241	ng	# 89
59) Diethylphthalate	16.30	149	7184	0.460	ng	# 98
62) Azobenzene	17.01	77	1756	0.126	ng	# 11
64) 4,6-Dinitro-2-methylphenol	17.01	198	1152	6.164	ng	# 1
65) n-Nitrosodiphenylamine	17.01	169	10904	0.835	ng	# 49
66) 4-Bromophenyl-phenylether	17.01	248	19765	4.655	ng	# 1

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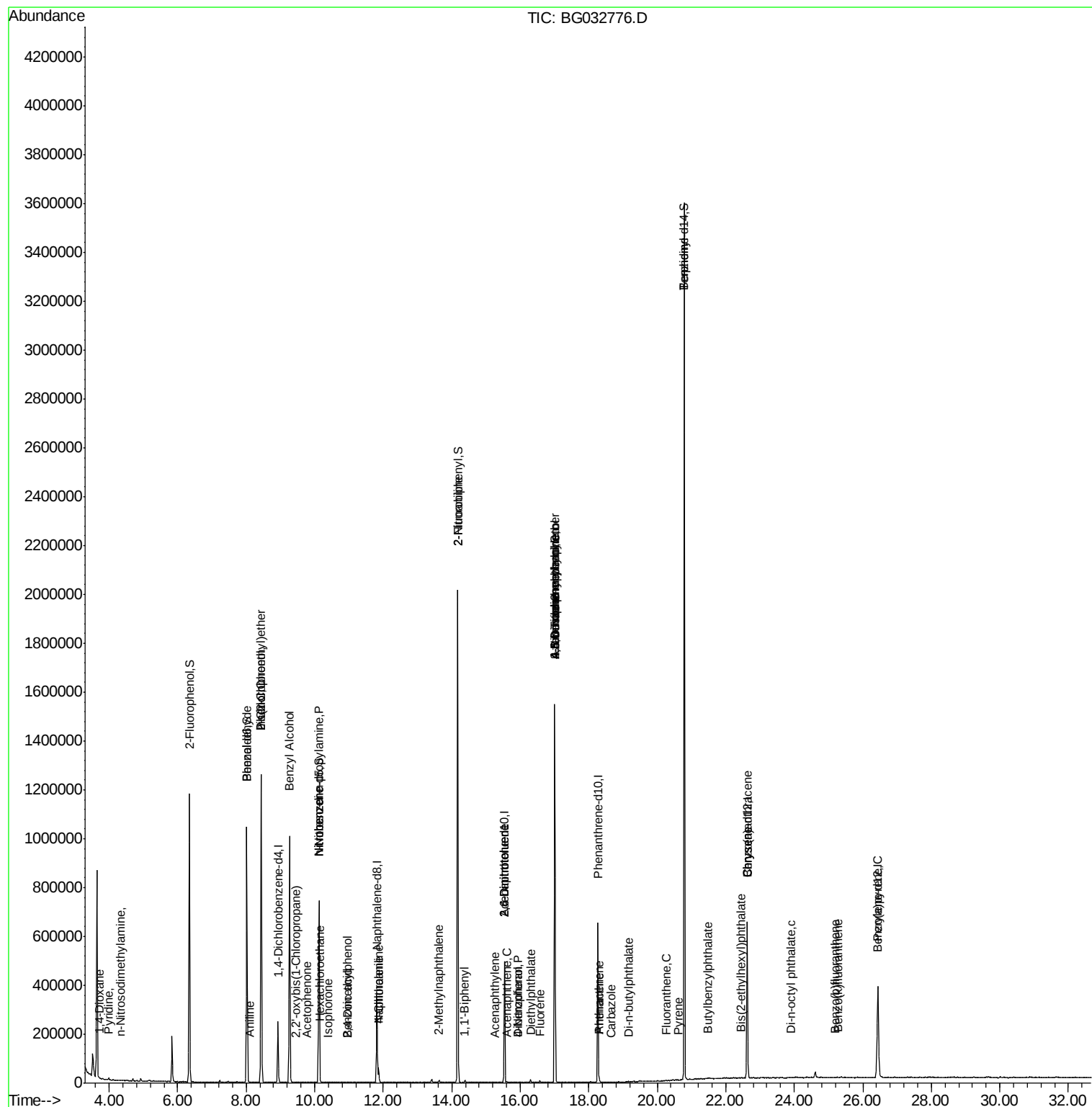
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	18.31	178	7647	0.341	ng	# 93
71) Anthracene	18.31	178	7647	0.340	ng	94
72) Carbazole	18.66	167	272	0.012	ng	# 59
73) Di-n-butylphthalate	19.16	149	2315	0.085	ng	# 95
74) Fluoranthene	20.26	202	1302	0.053	ng	65
76) Benzidine	20.79	184	26316	1.892	ng	# 92
77) Pyrene	20.61	202	1130	0.039	ng	# 86
79) Butylbenzylphthalate	21.48	149	363	0.028	ng	# 74
80) Benzo(a)anthracene	22.62	228	1050	0.040	ng	# 50
82) Chrysene	22.62	228	1050	0.042	ng	# 49
83) Bis(2-ethylhexyl)phthalate	22.46	149	1179	0.062	ng	# 86
84) Di-n-octyl phthalate	23.89	149	228	0.008	ng	# 1
87) Benzo(b)fluoranthene	25.21	252	61	0.002	ng	# 1
88) Benzo(k)fluoranthene	25.28	252	55	0.002	ng	# 60
89) Benzo(a)pyrene	26.42	252	773	0.032	ng	# 43

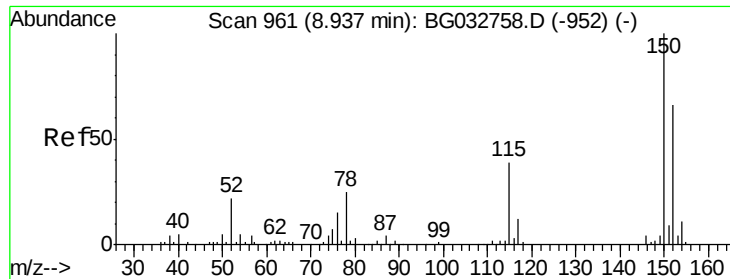
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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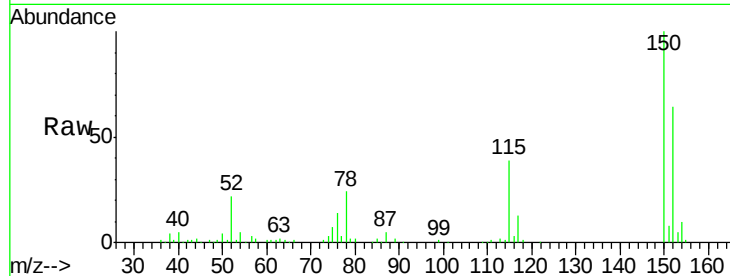


#1

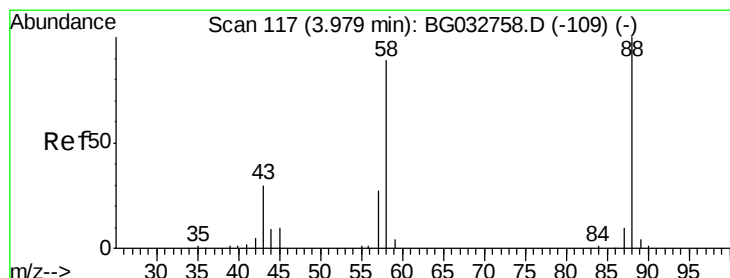
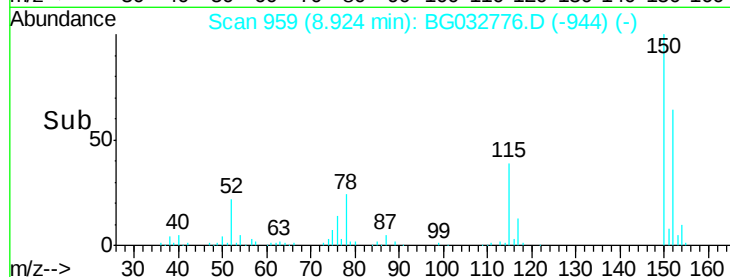
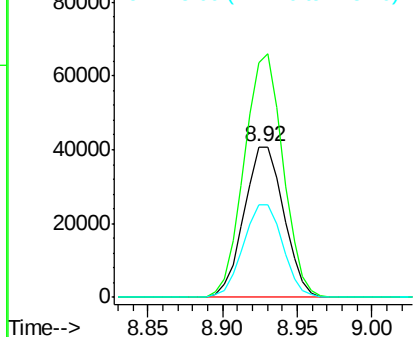
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Instrument :
BNA_G
ClientSampled :
TP-5-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.6	189.8
115	61.5	53.0	79.4



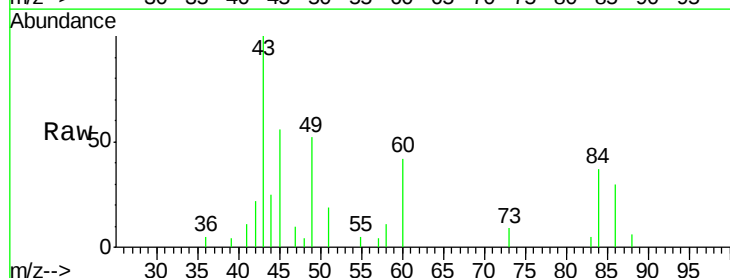
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



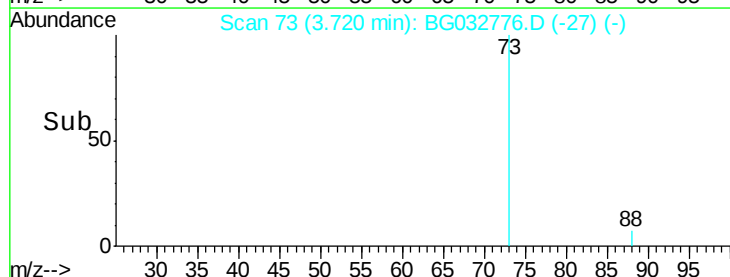
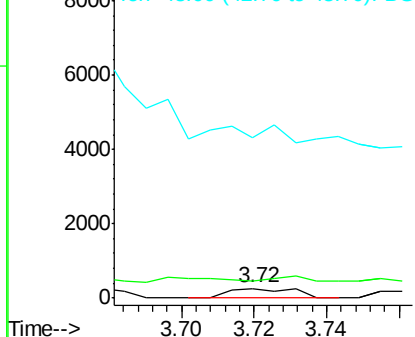
#2

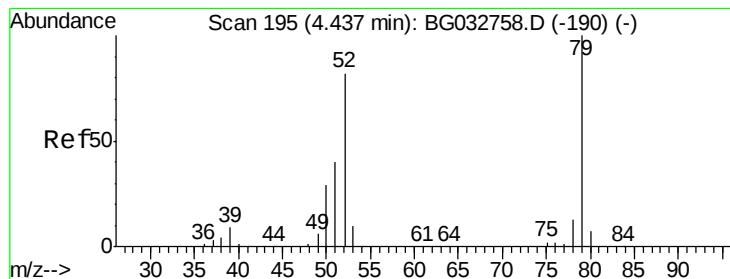
1,4-Dioxane
Concen: 0.156 ng
RT: 3.72 min Scan# 73
Delta R.T. -0.26 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	79.6	119.4#
43	0.0	27.4	41.0#



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





#3

Pvridine

Concen: 0.010 ng

RT: 4.00 min Scan# 121

Delta R.T. -0.44 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

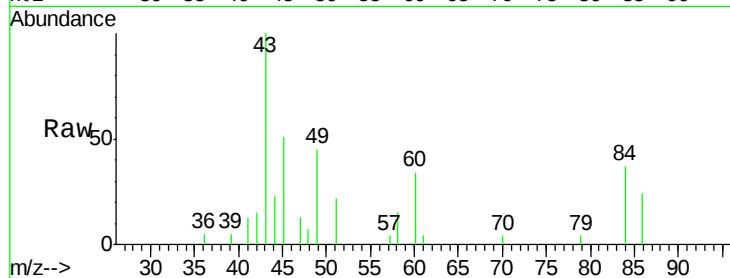
Tot Ion: 79 Resp: 54

Ion Ratio Lower Upper

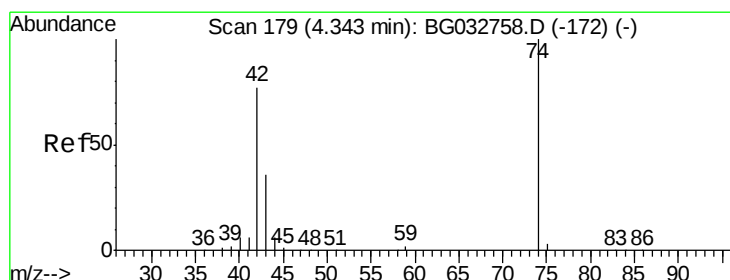
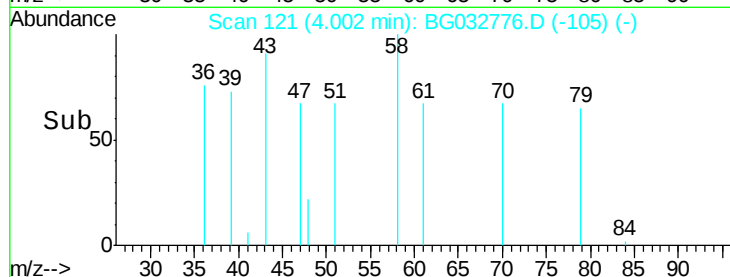
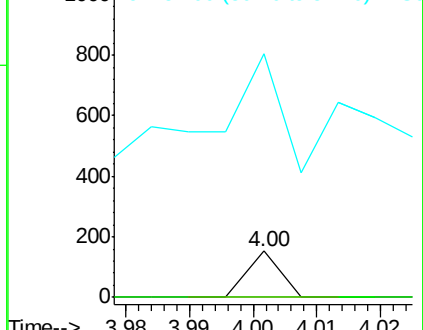
79 100

52 0.0 69.9 104.9#

51 528.9 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 0.040 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

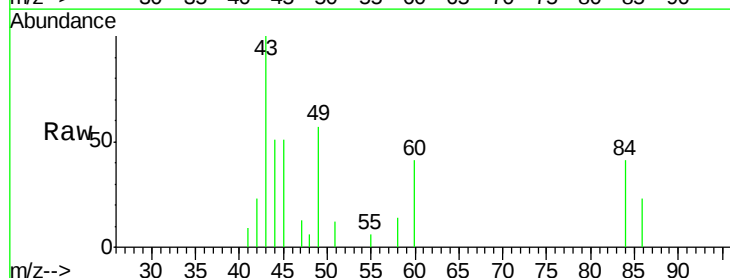
Tgt Ion: 42 Resp: 91

Ion Ratio Lower Upper

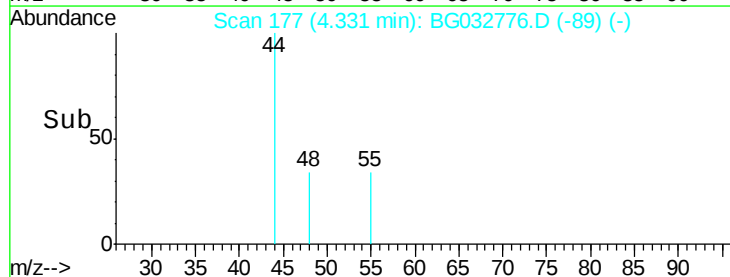
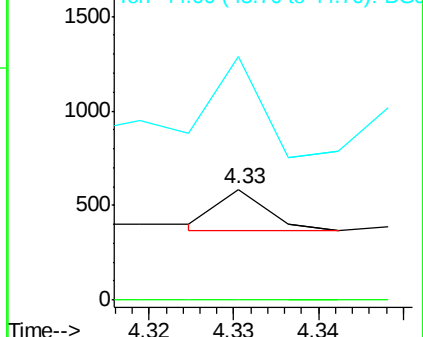
42 100

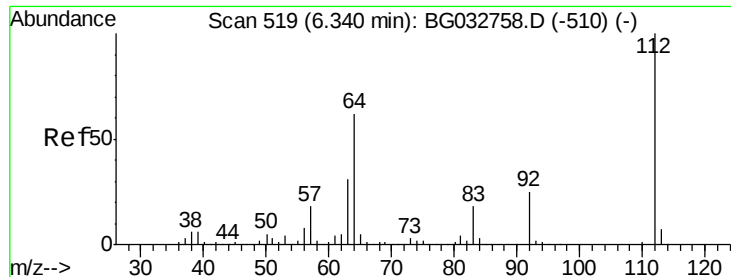
74 0.0 102.5 153.7#

44 219.3 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: 122.062 ng

RT: 6.34 min Scan# 519

Delta R.T. -0.00 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

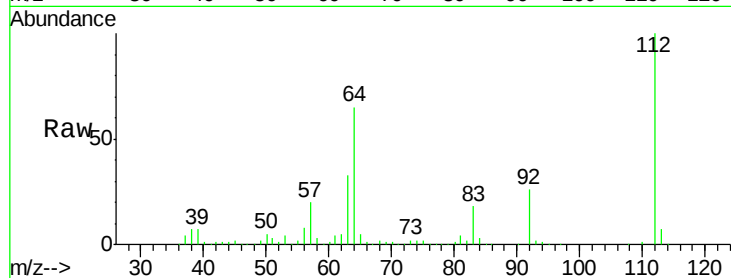
Tot Ion: 112 Resp: 572996

Ion Ratio Lower Upper

112 100

64 64.6 56.3 84.5

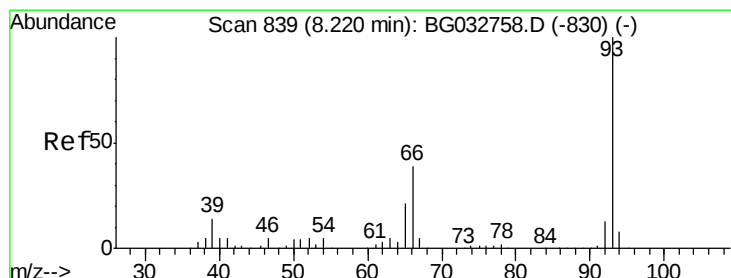
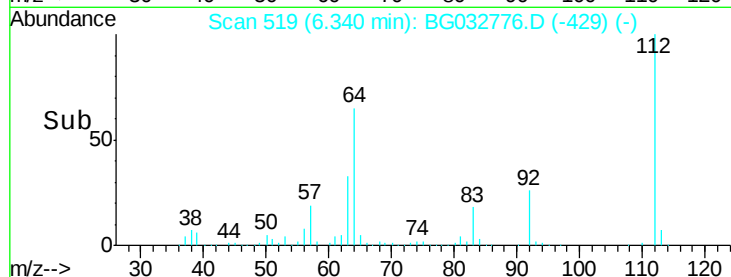
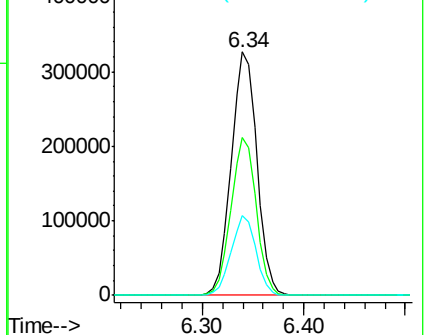
63 32.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.006 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.11 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

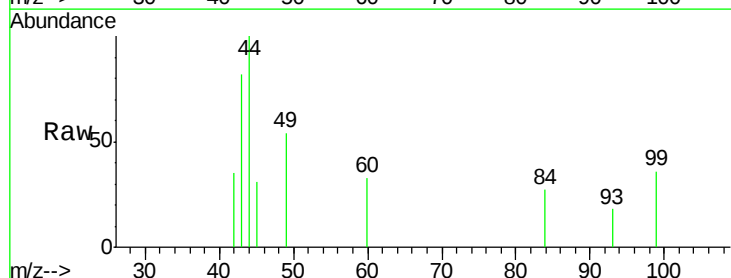
Tgt Ion: 93 Resp: 55

Ion Ratio Lower Upper

93 100

66 0.0 33.7 50.5#

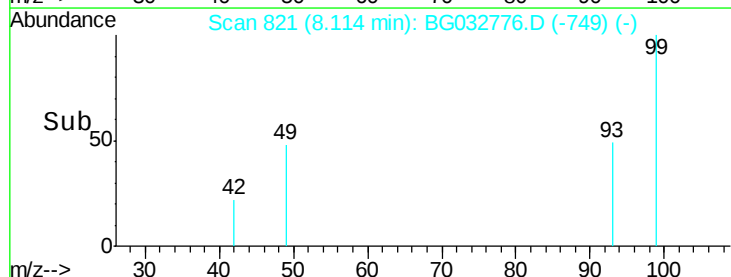
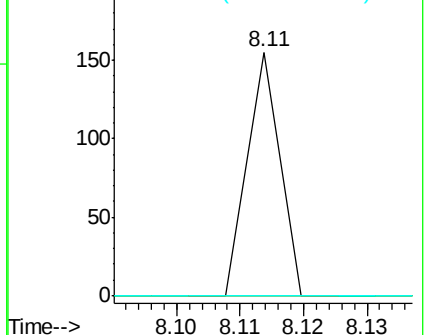
65 0.0 16.1 24.1#



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: 103.897 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampled :

TP-5-6

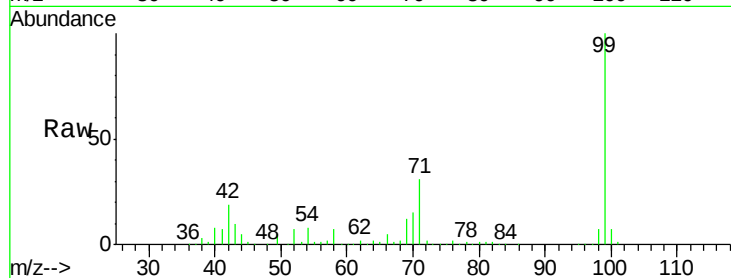
Tot Ion: 99 Resp: 679820

Ion Ratio Lower Upper

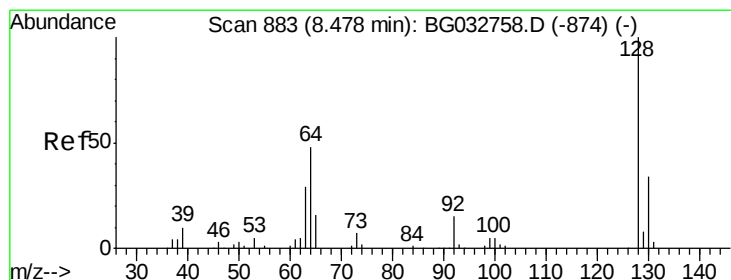
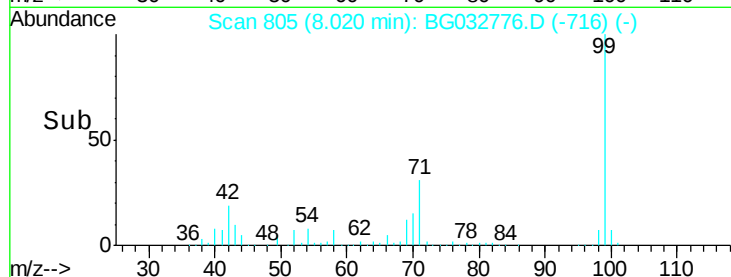
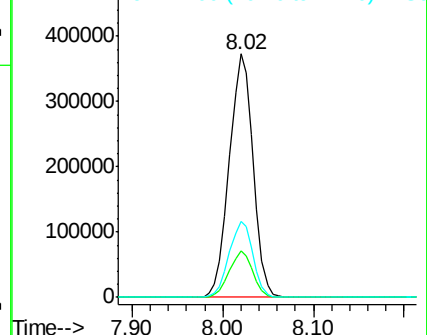
99 100

42 19.0 14.1 21.1

71 31.0 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



#8

2-Chlorophenol

Concen: 0.010 ng

RT: 8.44 min Scan# 877

Delta R.T. -0.04 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

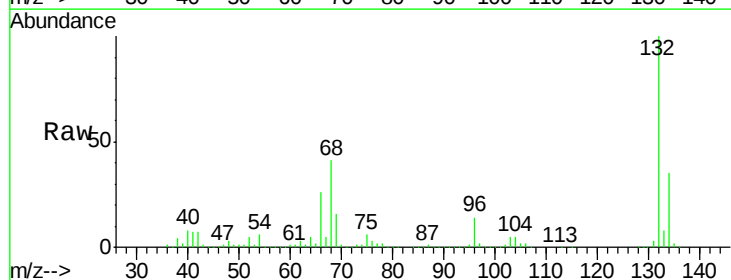
Tgt Ion: 128 Resp: 53

Ion Ratio Lower Upper

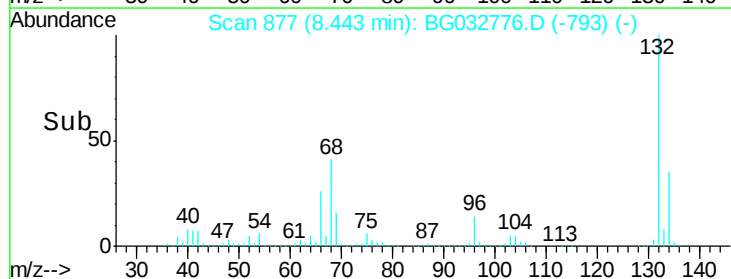
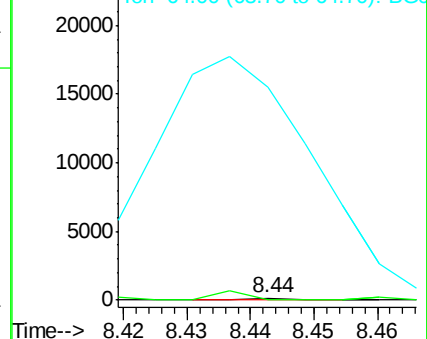
128 100

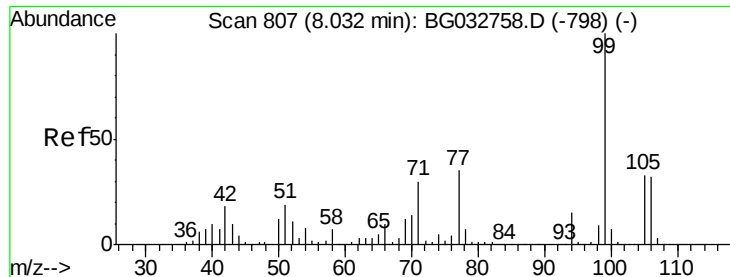
130 0.0 14.0 54.0#

64 10278.1 37.7 77.7#



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





#9

Benzaldehyd

Concen: 0.345 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.02 min

Lab File: BG032776.D

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BNA_G

ClientSampled :

TP-5-6

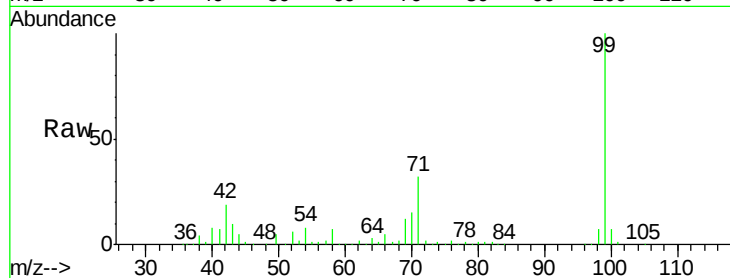
Tot Ion: 77 Resp: 1302

Ion Ratio Lower Upper

77 100

105 22.6 71.3 111.3#

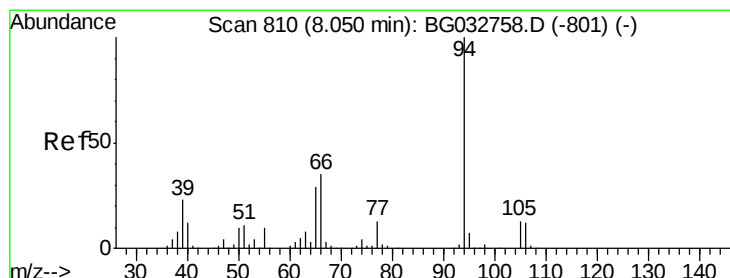
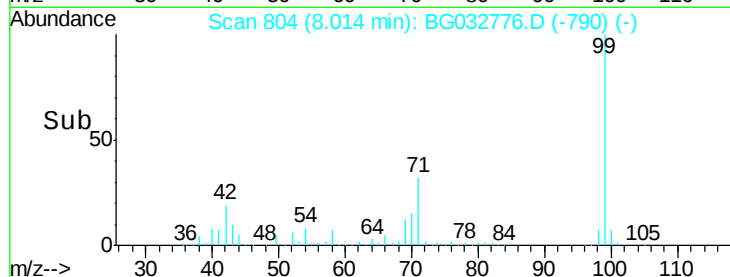
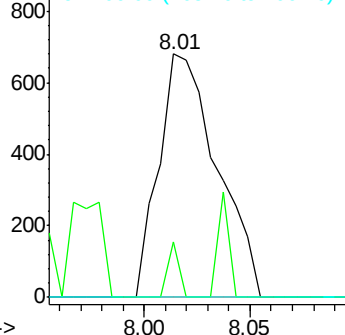
106 0.0 64.2 104.2#



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: 0.187 ng

RT: 8.44 min Scan# 876

Delta R.T. 0.39 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

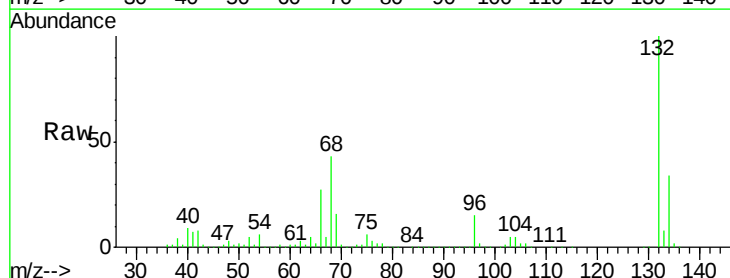
Tgt Ion: 94 Resp: 1232

Ion Ratio Lower Upper

94 100

65 942.8 11.9 51.9#

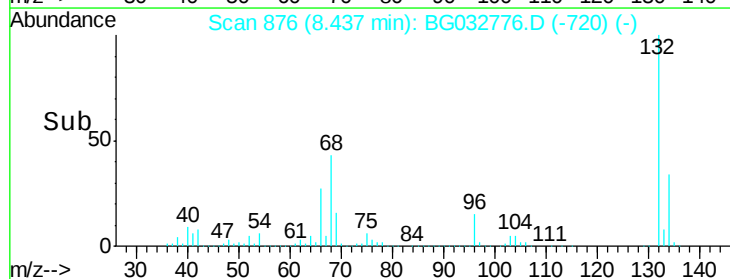
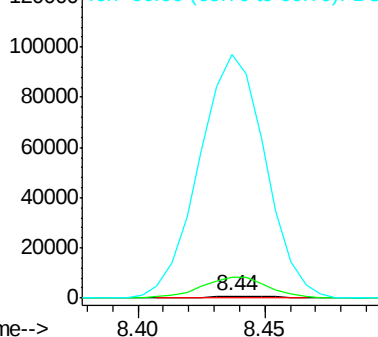
66 10730.1 22.2 62.2#

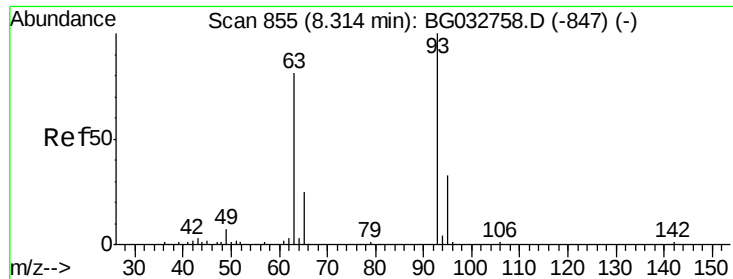


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

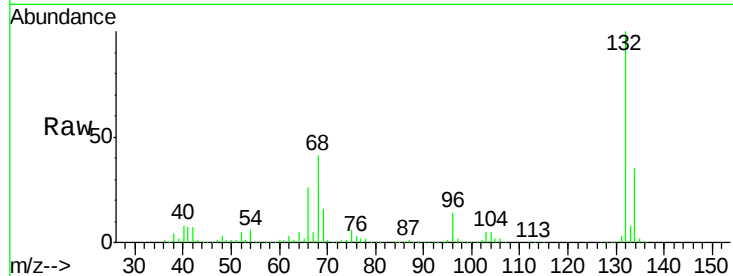




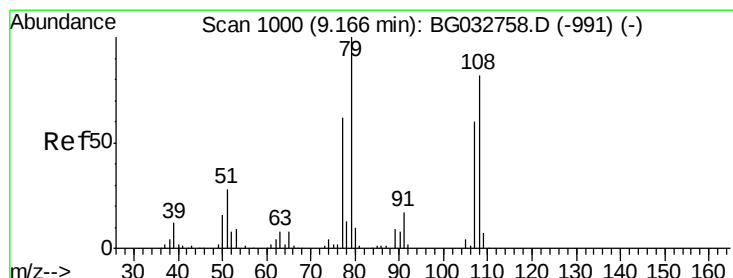
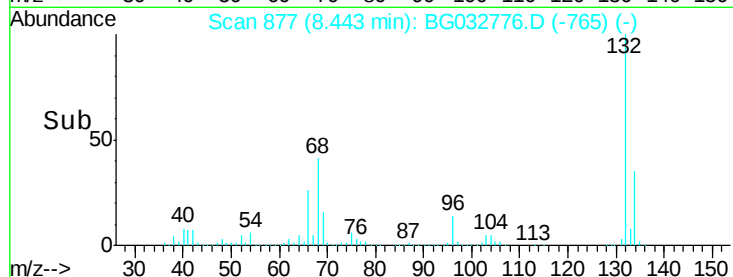
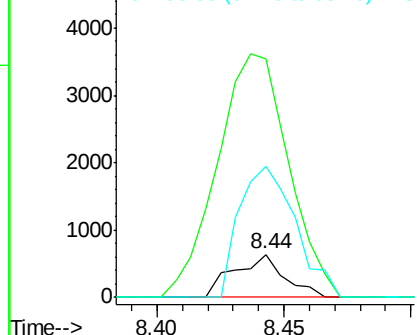
#11
bis(2-Chloroethyl)ether
Concen: 0.162 ng
RT: 8.44 min Scan# 877
Delta R.T. 0.13 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Instrument :
BNA_G
ClientSampleId :
TP-5-6

Tot Ion: 93 Resp: 875
Ion Ratio Lower Upper
93 100
63 556.3 67.1 107.1#
95 303.9 11.5 51.5#

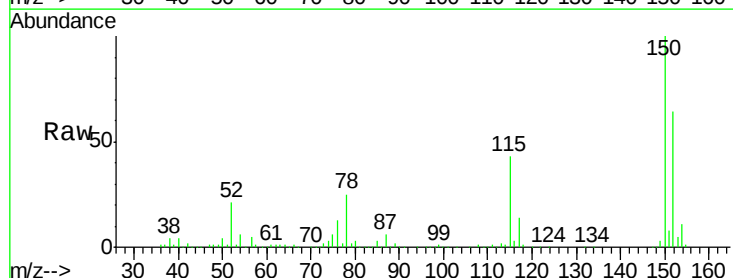


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

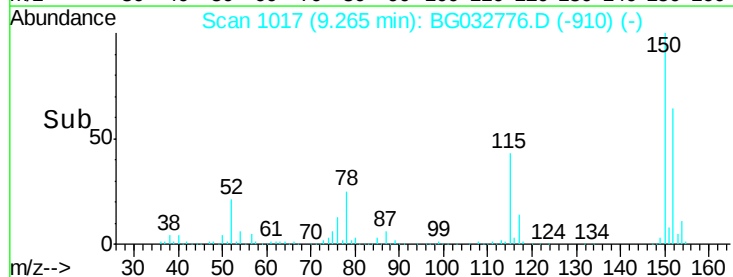
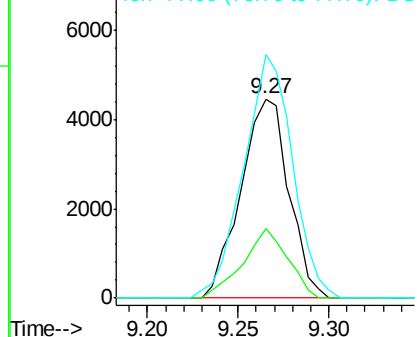


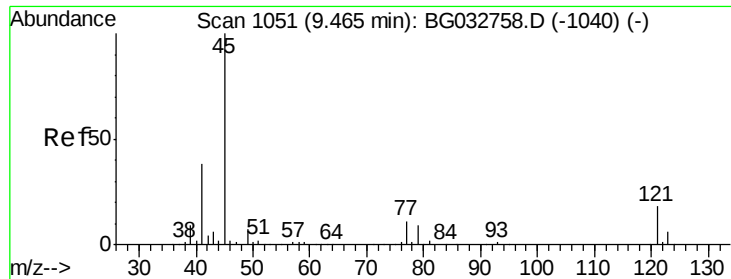
#15
Benzyl Alcohol
Concen: 1.711 ng
RT: 9.27 min Scan# 1017
Delta R.T. 0.10 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Tgt Ion: 79 Resp: 8229
Ion Ratio Lower Upper
79 100
108 35.0 57.2 85.8#
77 122.4 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: 0.008 ng

RT: 9.45 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

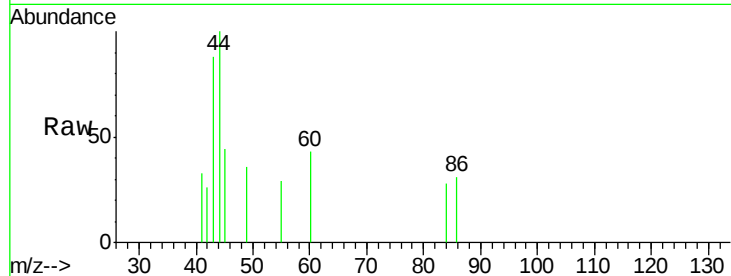
Tot Ion: 45 Resp: 70

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

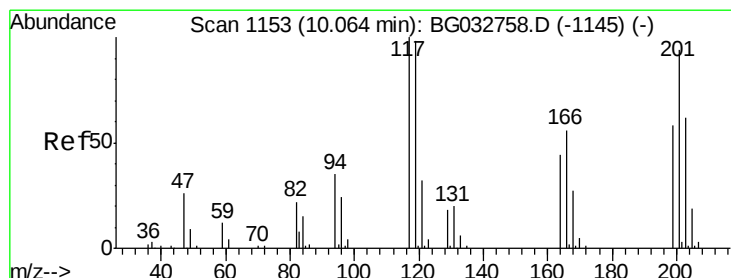
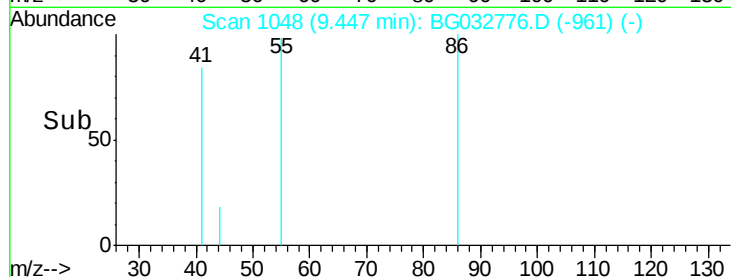
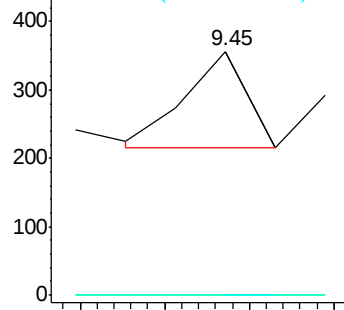
79 0.0 0.0 27.9



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: 0.032 ng

RT: 10.16 min Scan# 1169

Delta R.T. 0.09 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

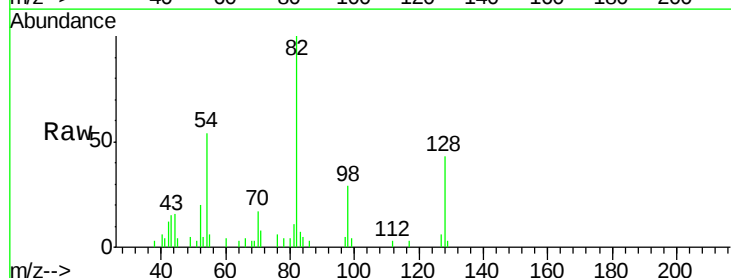
Tgt Ion: 117 Resp: 65

Ion Ratio Lower Upper

117 100

119 0.0 76.7 115.1#

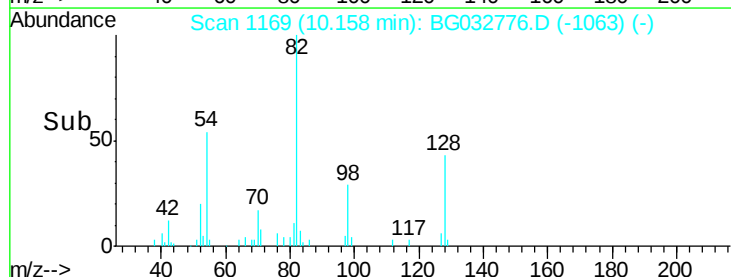
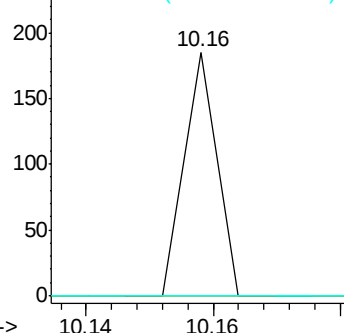
201 0.0 95.7 143.5#

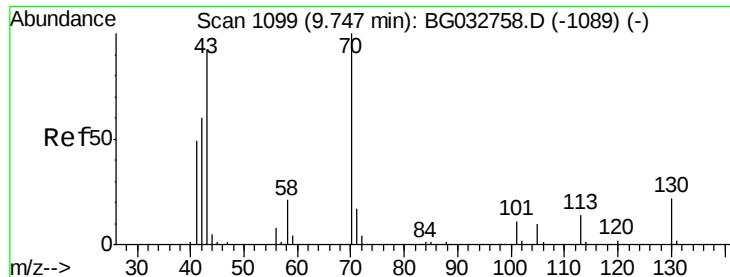


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

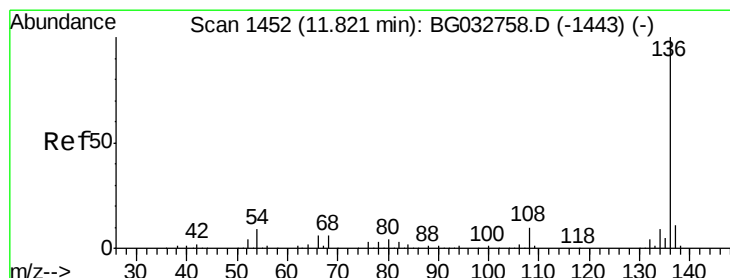
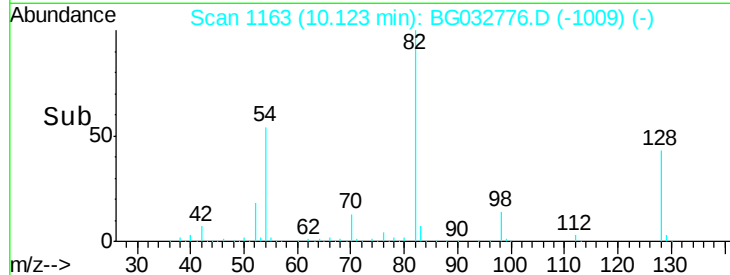
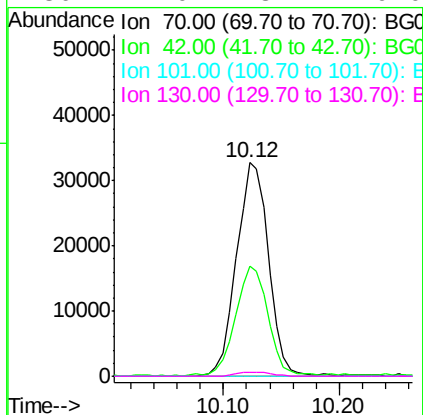
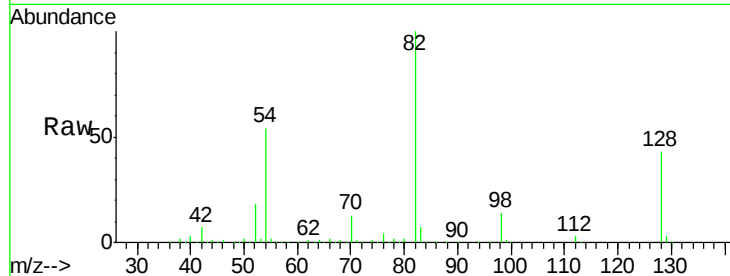




#19
n-Nitroso-di-n-propylamine
Concen: 13.661 ng
RT: 10.12 min Scan# 1163
Delta R.T. 0.38 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

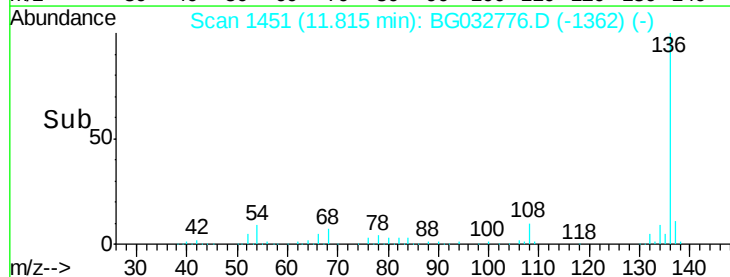
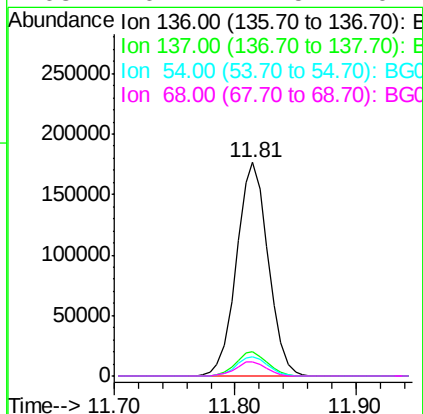
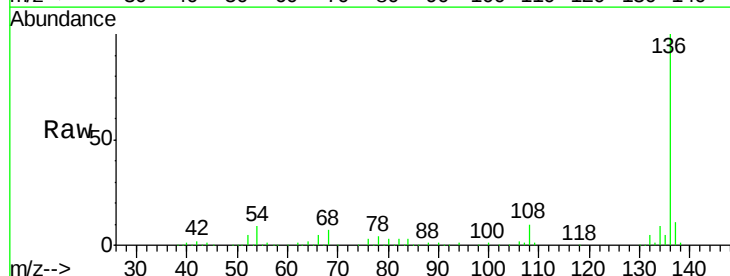
Instrument :
BNA_G
ClientSampleId :
TP-5-6

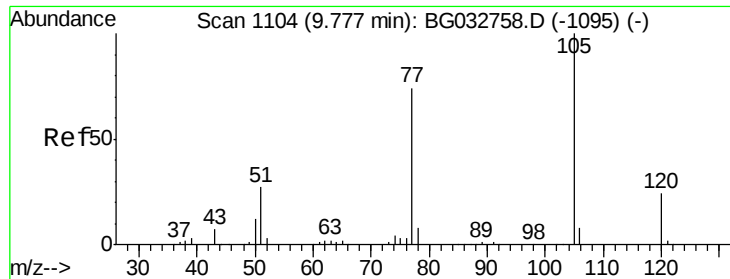
Tot Ion: 70 Resp: 63103
Ion Ratio Lower Upper
70 100
42 51.4 49.1 73.7
101 0.0 8.5 12.7#
130 2.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Tgt Ion: 136 Resp: 320470
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.9 10.3 15.5#
68 6.7 4.5 6.7

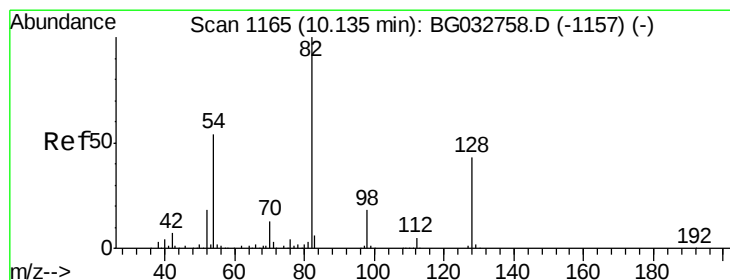
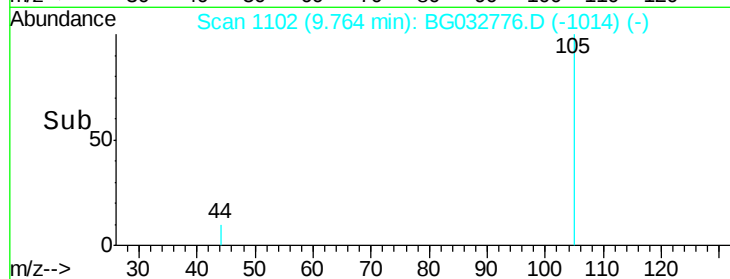
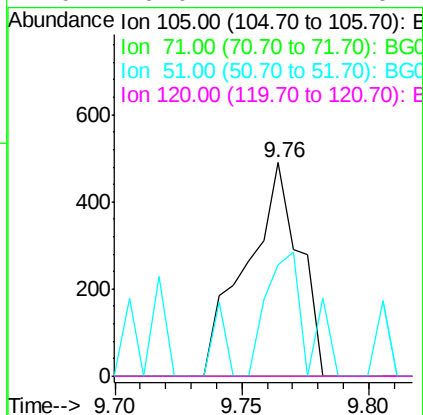
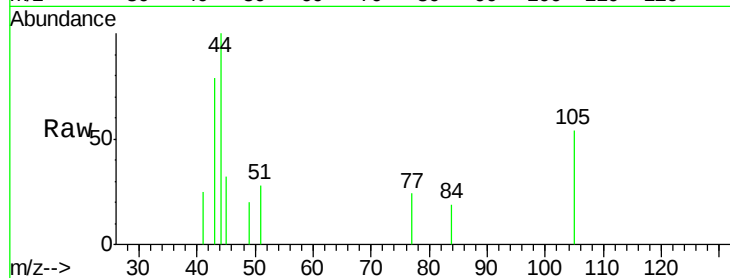




#22
Acetophenone
Concen: 0.088 ng
RT: 9.76 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

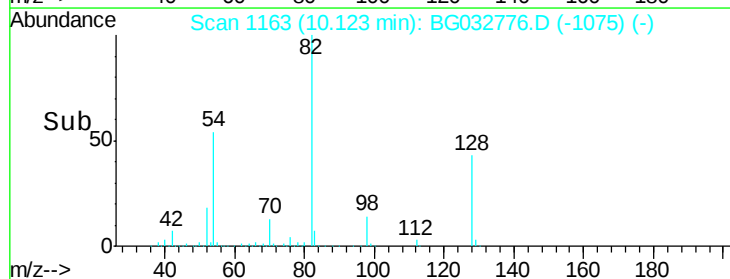
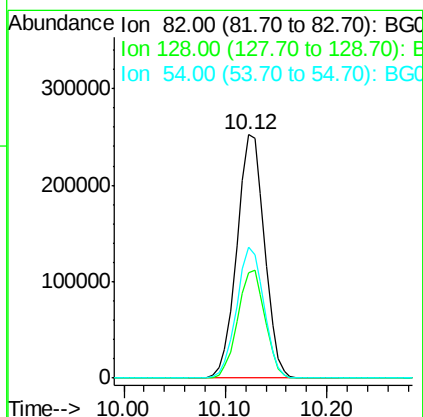
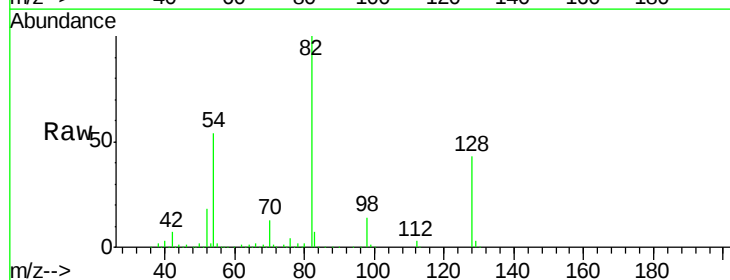
Instrument :
BNA_G
ClientSampleId :
TP-5-6

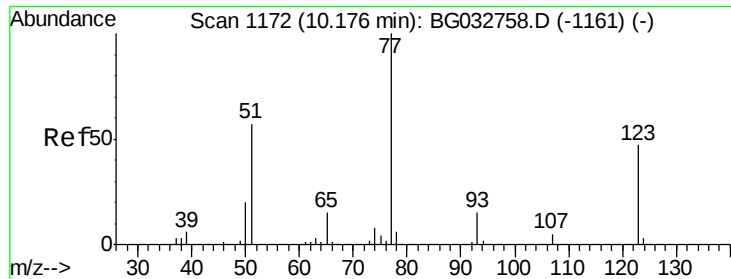
Tot Ion: 105 Resp: 715
Ion Ratio Lower Upper
105 100
71 0.0 3.0 4.4#
51 52.0 26.1 39.1#
120 0.0 17.4 26.2#



#23
Nitrobenzene-d5
Concen: 100.924 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Tgt Ion: 82 Resp: 475782
Ion Ratio Lower Upper
82 100
128 43.1 29.7 44.5
54 53.6 43.1 64.7

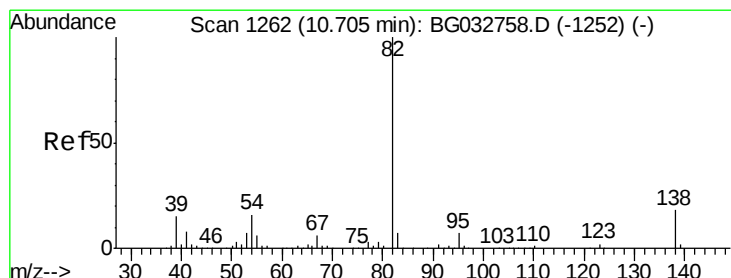
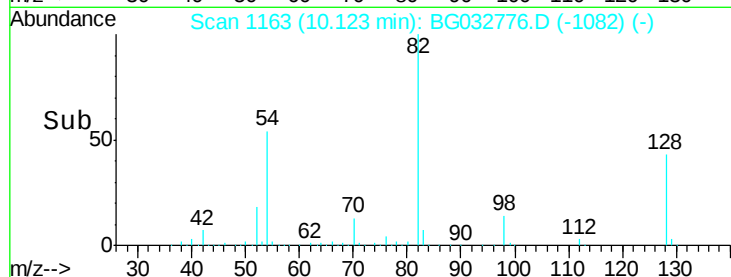
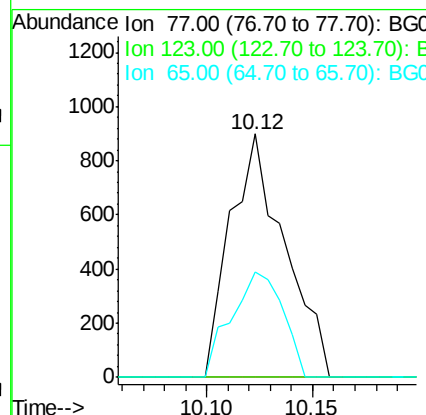
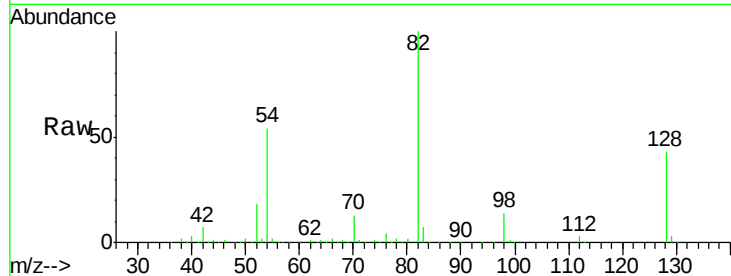




#24
 Nitrobenzene
 Concen: 6.653 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.05 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

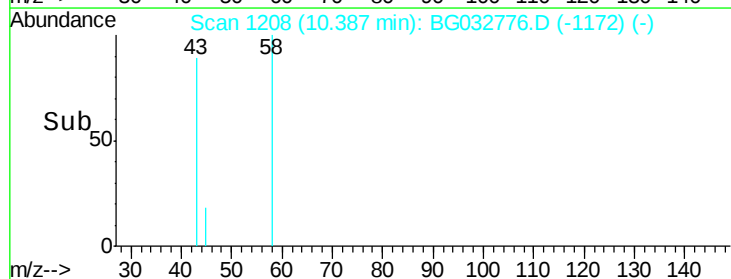
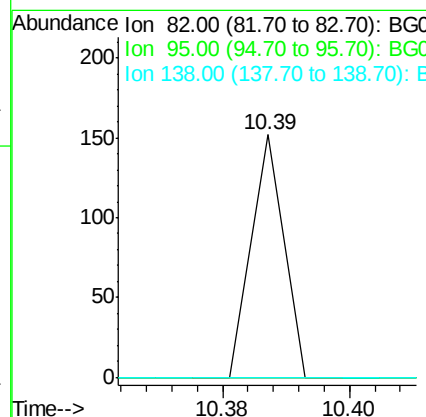
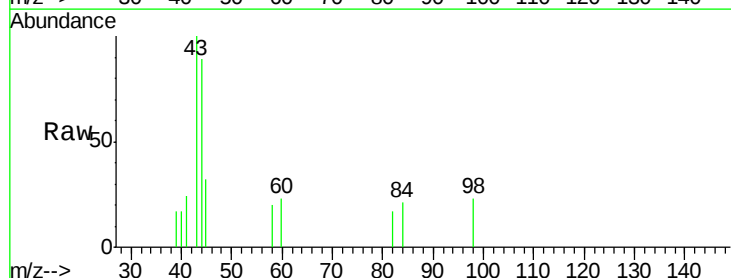
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-6

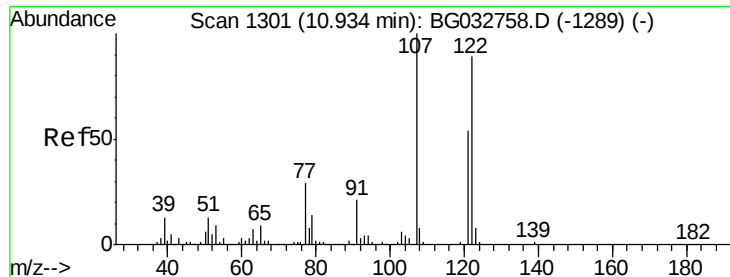
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	43.5	13.0	19.6#



#25
 Isophorone
 Concen: 0.005 ng
 RT: 10.39 min Scan# 1208
 Delta R.T. -0.32 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

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





#27

2,4-Dimethylphenol

Concen: 0.037 ng

RT: 10.95 min Scan# 1304

Delta R.T. 0.02 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

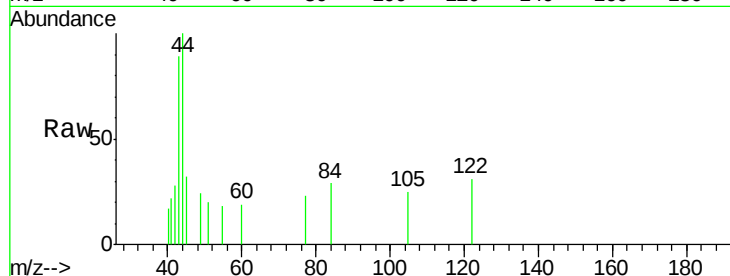
Tot Ion:122 Resp: 182

Ion Ratio Lower Upper

122 100

107 0.0 100.2 150.2#

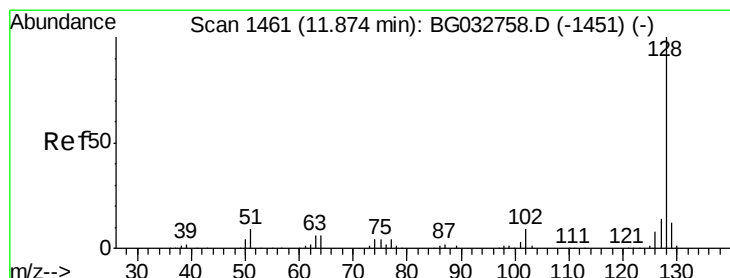
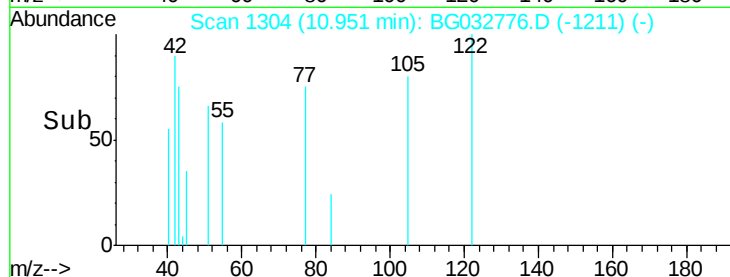
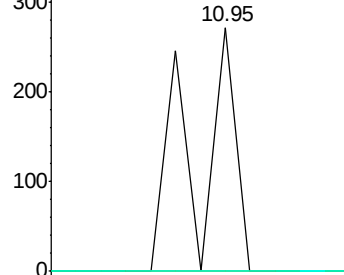
121 0.0 44.4 66.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 3.238 ng

RT: 11.87 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

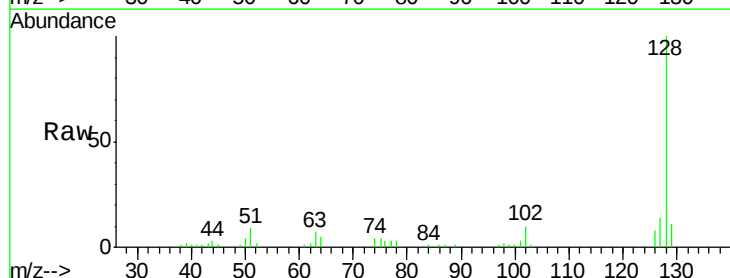
Tgt Ion:128 Resp: 54225

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

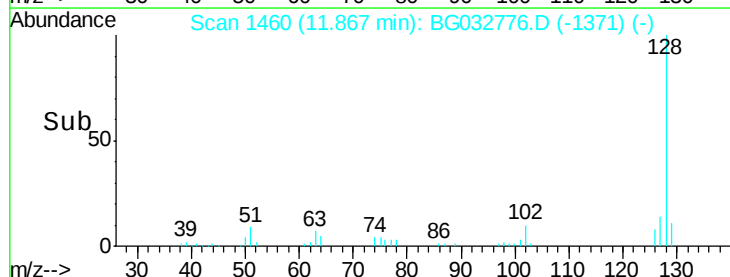
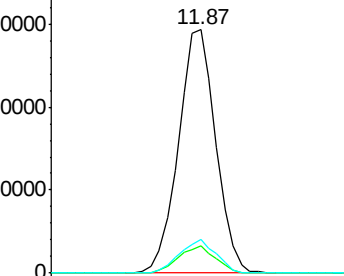
127 13.8 11.6 17.4

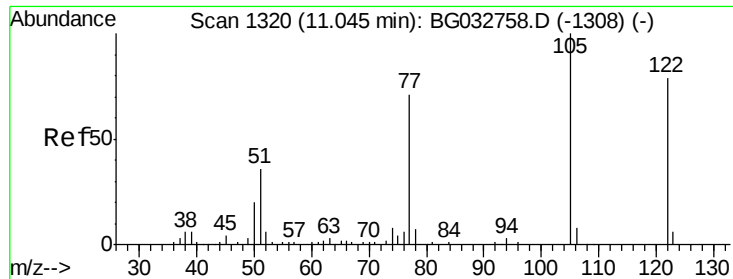


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

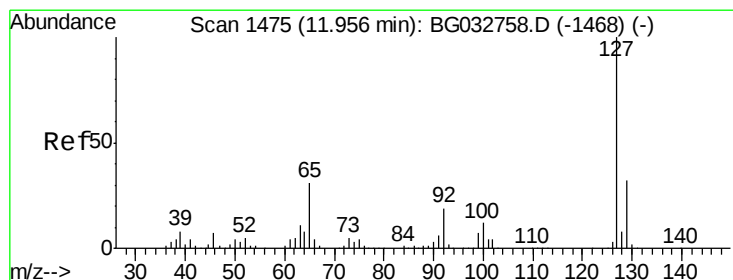
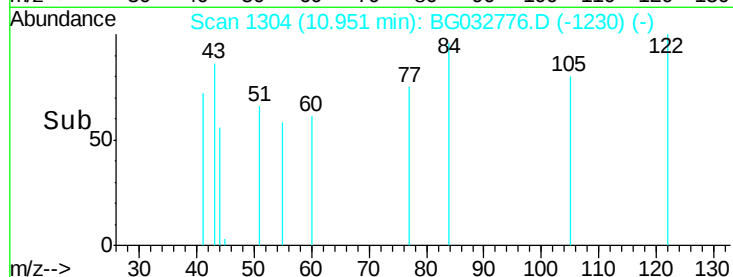
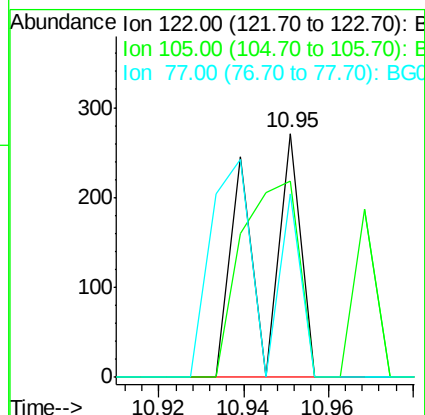
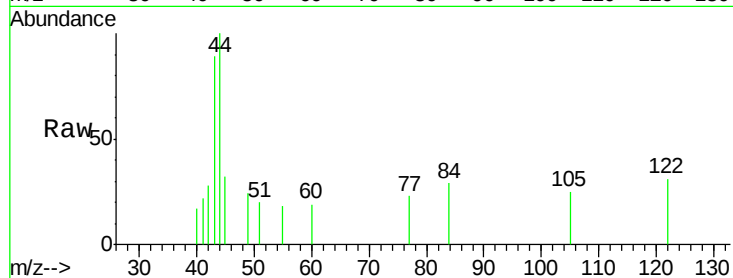




#32
Benzoic acid
Concen: 5.888 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.09 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

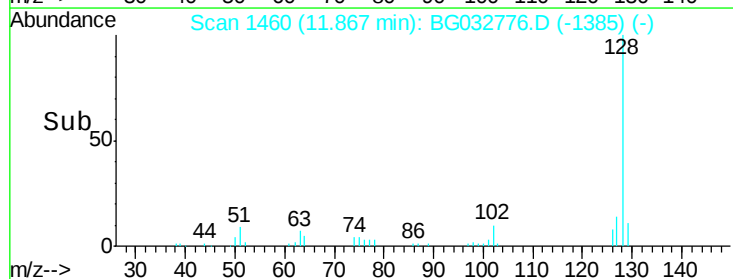
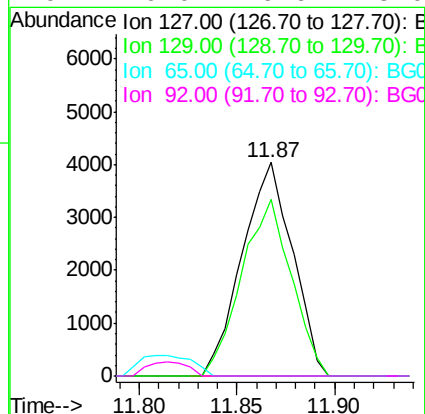
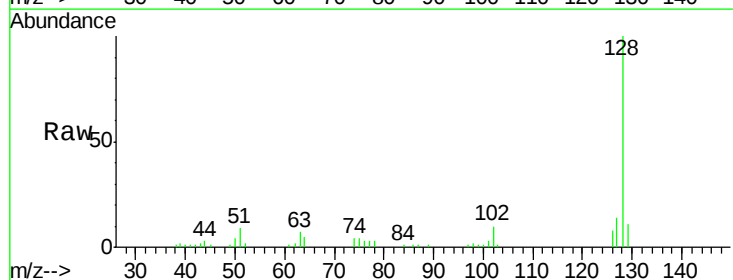
Instrument :
BNA_G
ClientSampleId :
TP-5-6

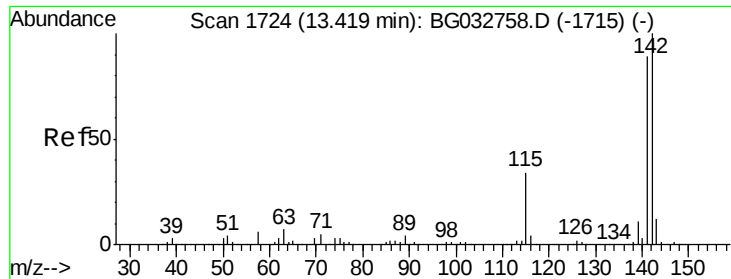
Tot Ion:122 Resp: 182
Ion Ratio Lower Upper
122 100
105 80.4 123.5 163.5#
77 75.3 85.7 125.7#



#33
4-Chloroaniline
Concen: 0.962 ng
RT: 11.87 min Scan# 1460
Delta R.T. -0.09 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Tgt Ion:127 Resp: 7202
Ion Ratio Lower Upper
127 100
129 82.6 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#

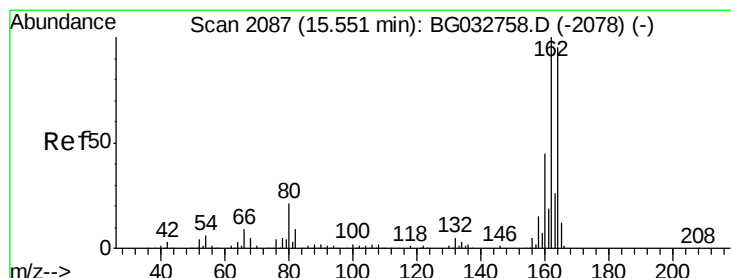
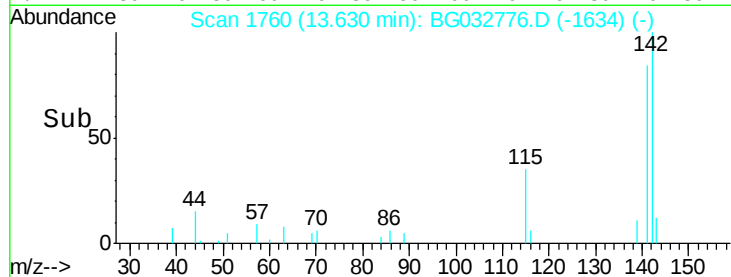
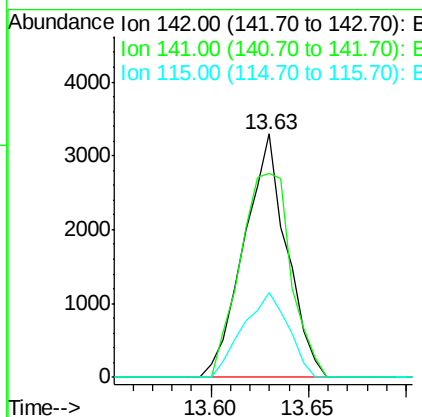
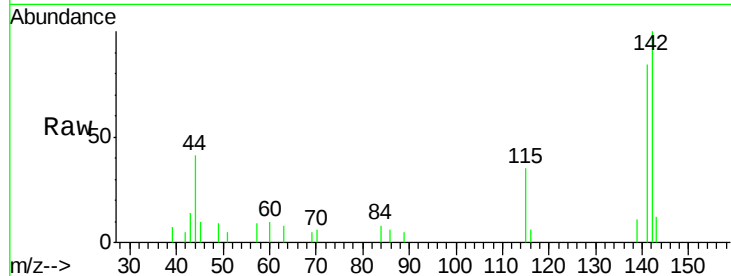




#37
 2-Methylnaphthalene
 Concen: 0.412 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. 0.21 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

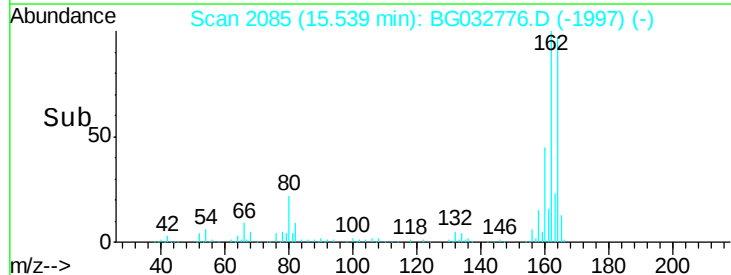
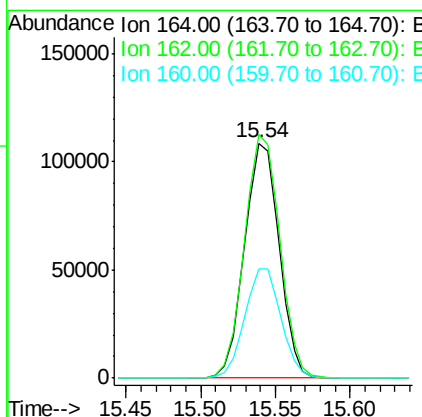
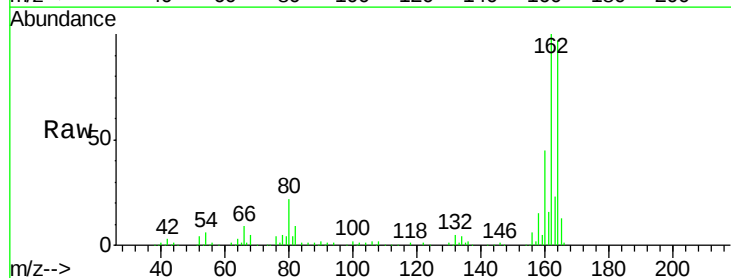
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-6

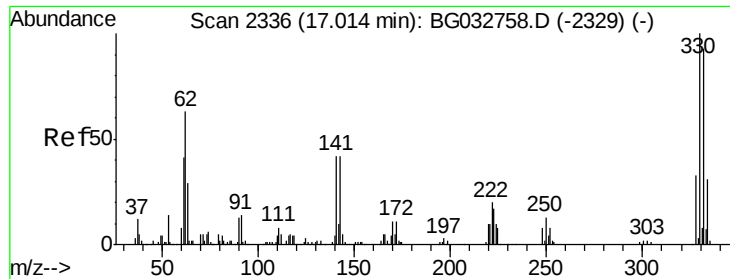
Tot Ion:142 Resp: 4995
 Ion Ratio Lower Upper
 142 100
 141 83.7 67.1 100.7
 115 35.0 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

Tgt Ion:164 Resp: 174225
 Ion Ratio Lower Upper
 164 100
 162 103.6 78.8 118.2
 160 46.7 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 150.777 ng

RT: 17.01 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

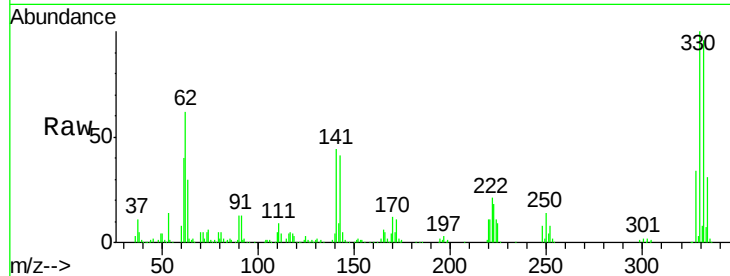
Tot Ion:330 Resp: 276210

Ion Ratio Lower Upper

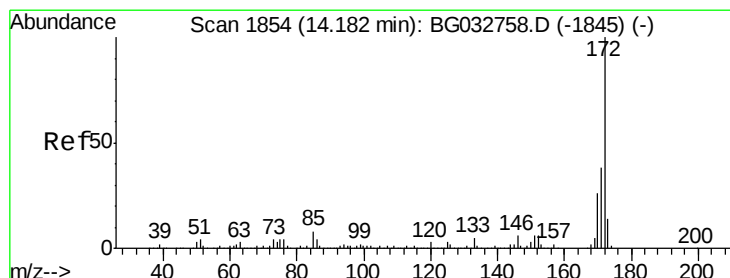
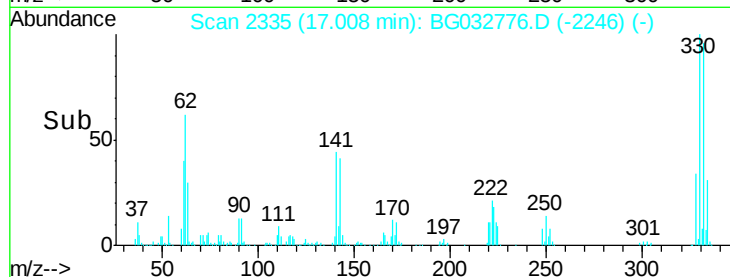
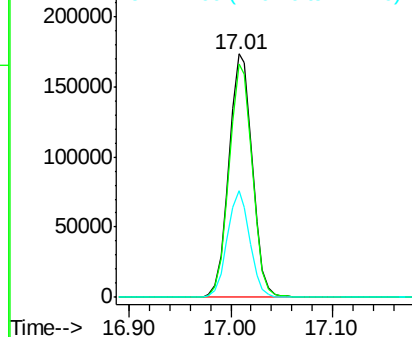
330 100

332 95.3 77.0 115.6

141 42.4 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: 88.270 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

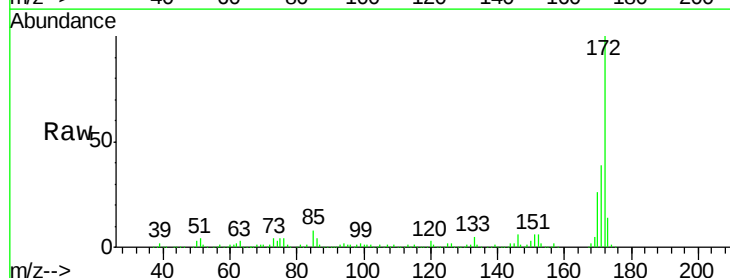
Tgt Ion:172 Resp: 1066312

Ion Ratio Lower Upper

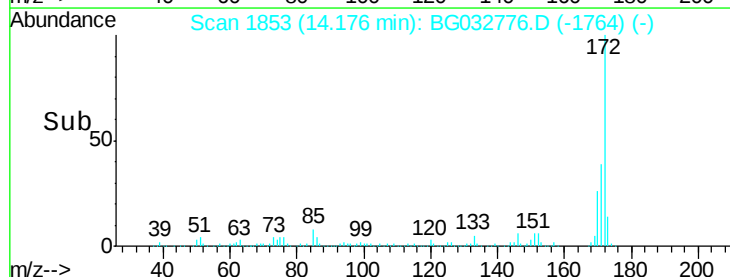
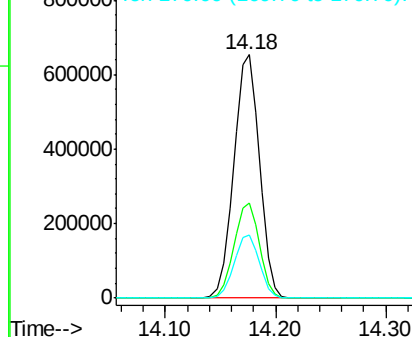
172 100

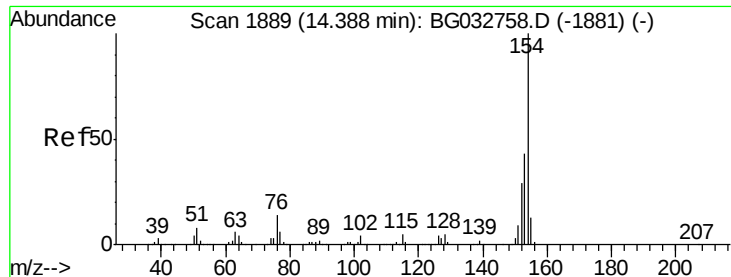
171 39.3 30.0 45.0

170 26.1 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: 0.273 ng

RT: 14.38 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

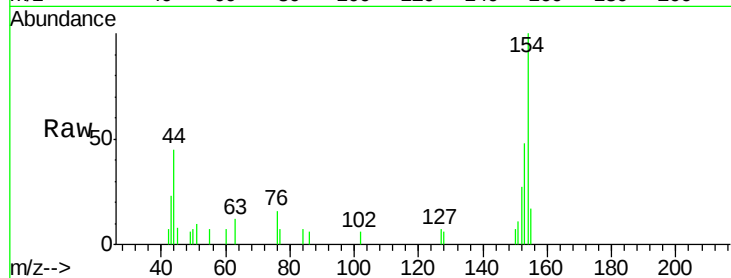
Tot Ion:154 Resp: 4157

Ion Ratio Lower Upper

154 100

153 48.3 19.8 59.8

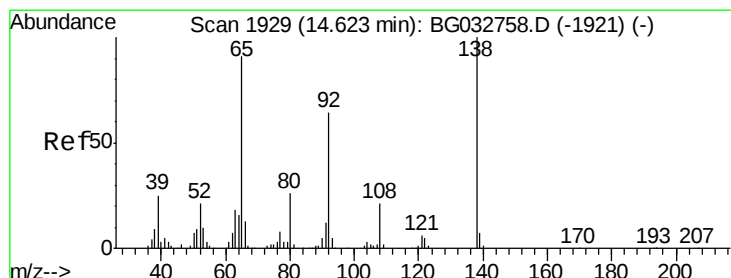
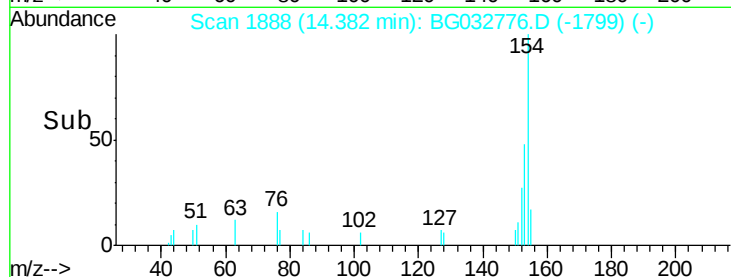
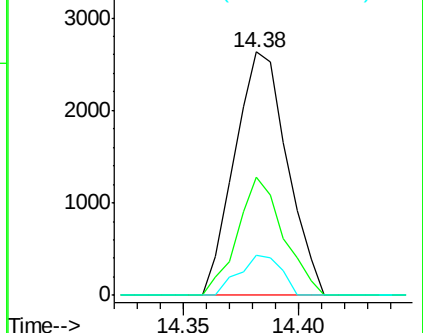
76 16.4 0.0 31.9



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: 10.343 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.45 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

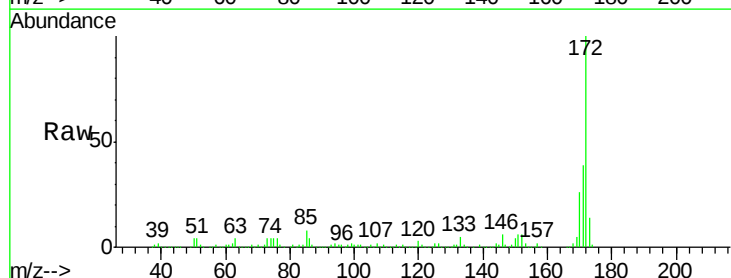
Tgt Ion: 65 Resp: 1831

Ion Ratio Lower Upper

65 100

92 198.6 54.6 82.0#

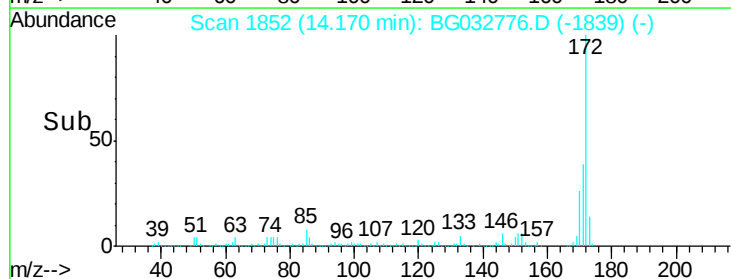
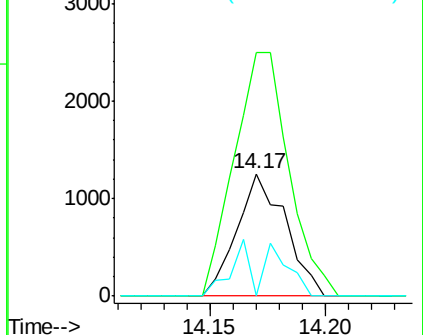
138 0.0 72.9 109.3#

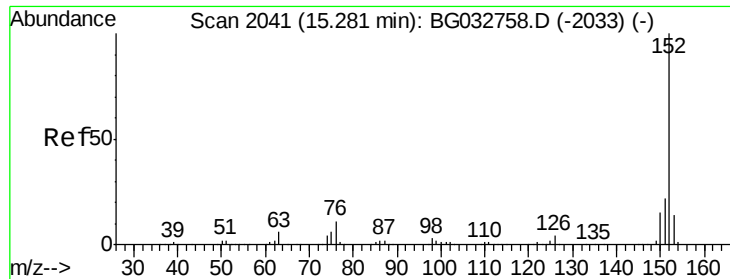


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.067 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

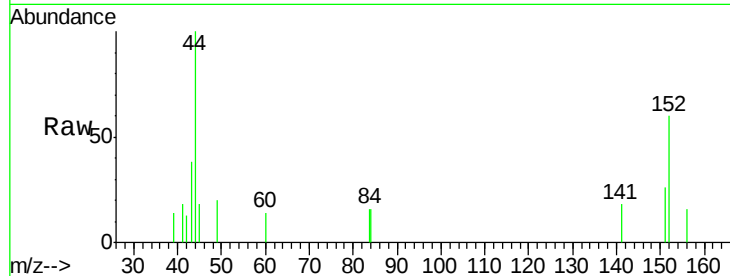
Tot Ion:152 Resp: 1256

Ion Ratio Lower Upper

152 100

151 42.6 17.2 25.8#

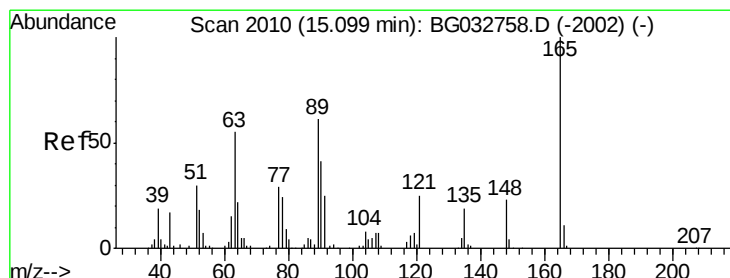
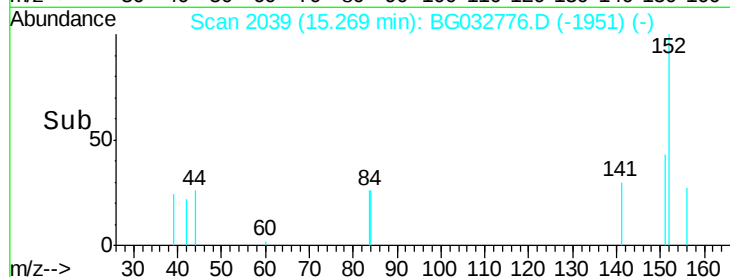
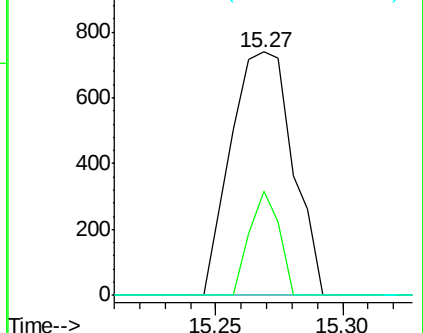
153 0.0 10.2 15.4#



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: 16.477 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.44 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

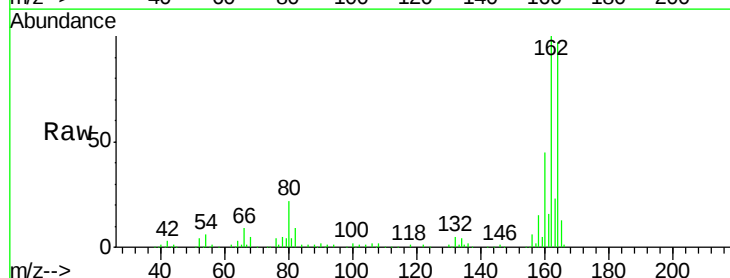
Tgt Ion:165 Resp: 22780

Ion Ratio Lower Upper

165 100

63 1.3 52.7 79.1#

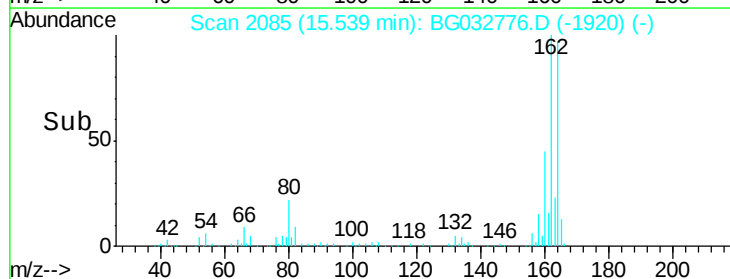
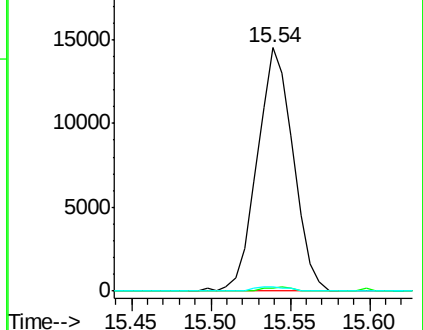
89 1.5 49.2 73.8#

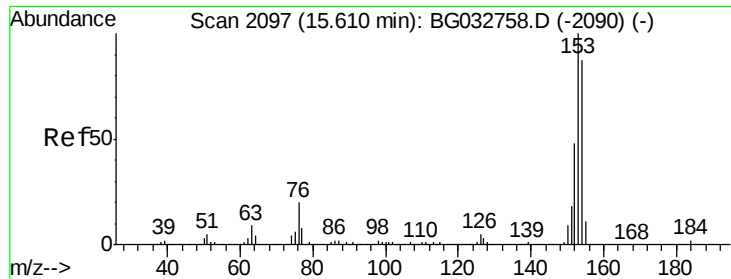


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 0.147 ng

RT: 15.61 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

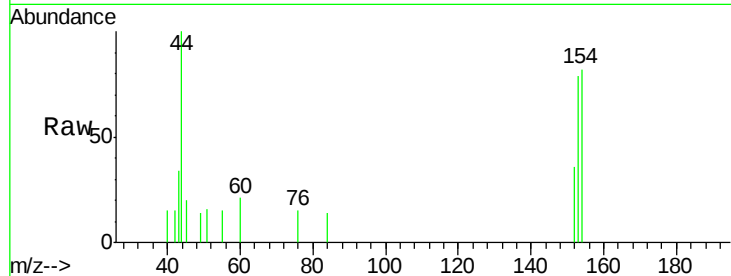
Tot Ion:154 Resp: 1699

Ion Ratio Lower Upper

154 100

153 95.9 90.4 135.6

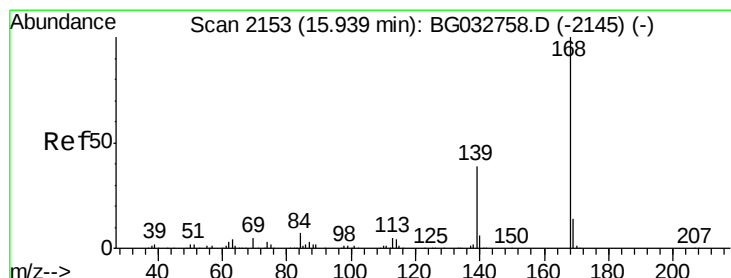
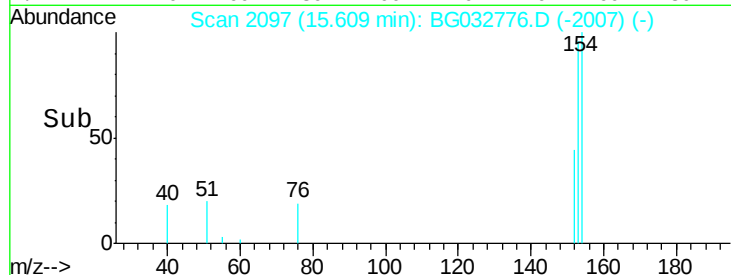
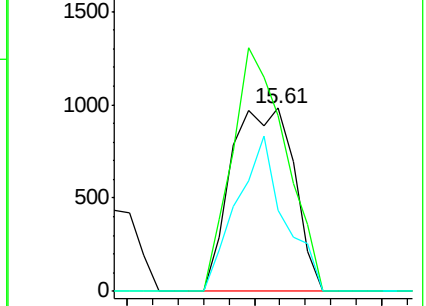
152 44.2 41.6 62.4



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: 0.137 ng

RT: 15.93 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

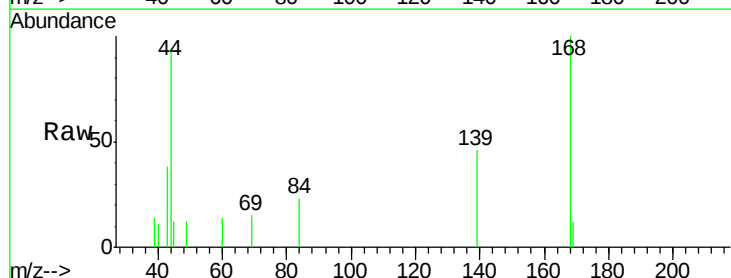
Tgt Ion:168 Resp: 2263

Ion Ratio Lower Upper

168 100

139 46.4 28.6 43.0#

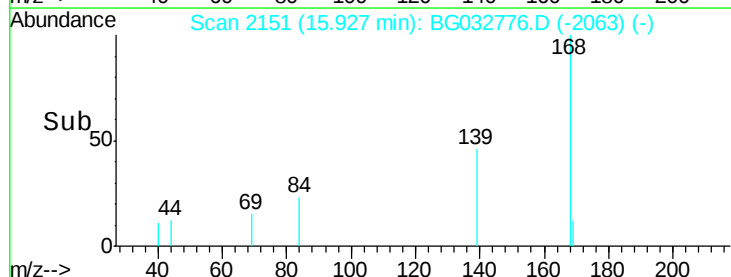
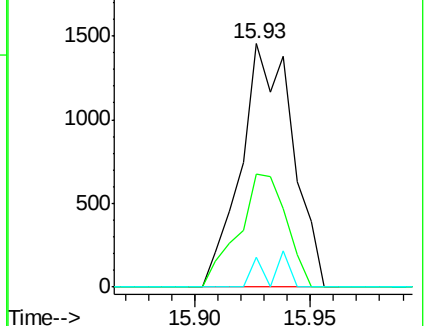
169 12.4 11.2 16.8

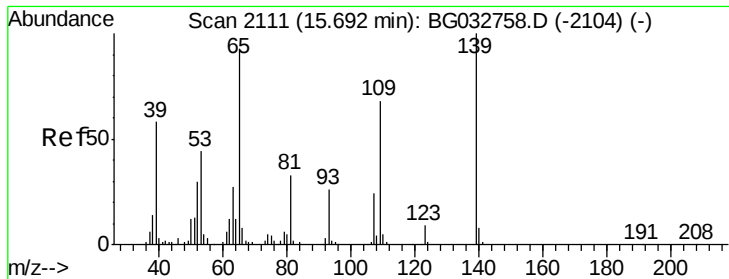


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

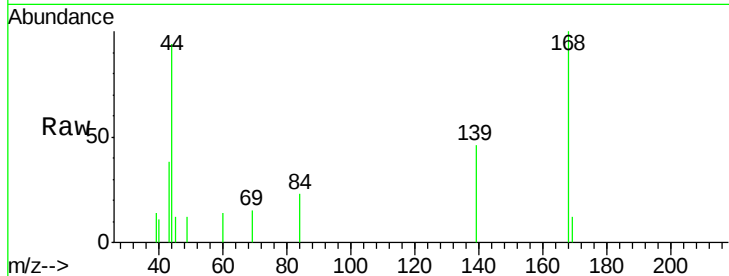




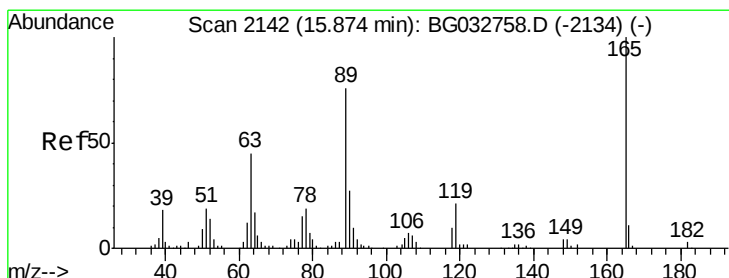
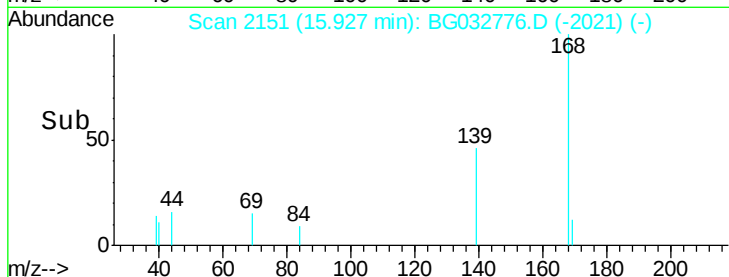
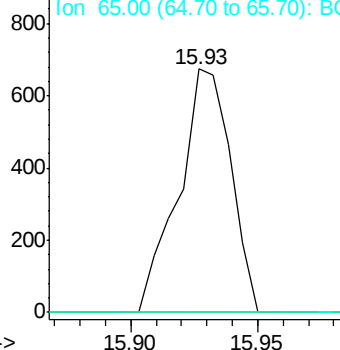
#55
4-Nitrophenol
Concen: 7.445 ng
RT: 15.93 min Scan# 2151
Delta R.T. 0.23 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Instrument :
BNA_G
ClientSampleId :
TP-5-6

Tot Ion:139 Resp: 969
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

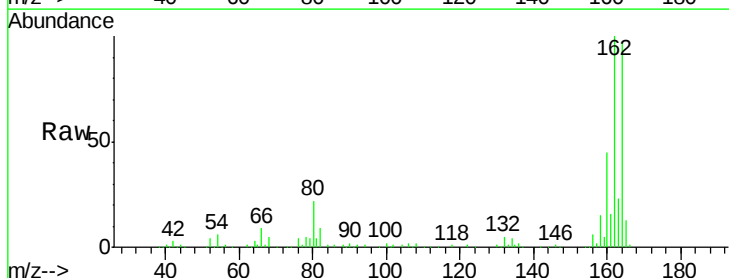


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

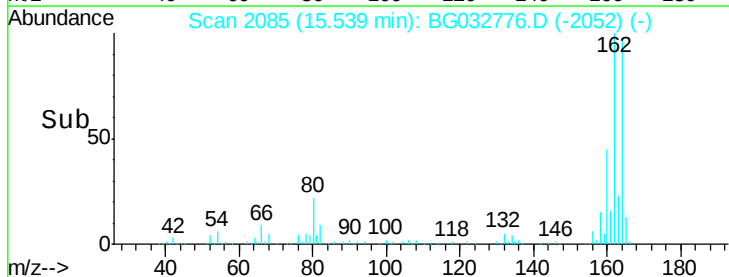
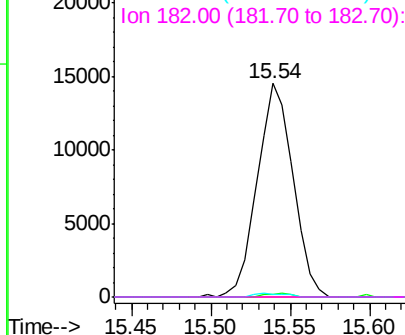


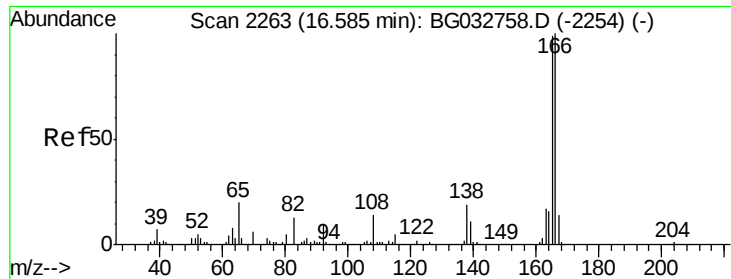
#56
2,4-Dinitrotoluene
Concen: 14.675 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.34 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Tgt Ion:165 Resp: 22780
Ion Ratio Lower Upper
165 100
63 1.3 42.0 63.0#
89 1.5 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

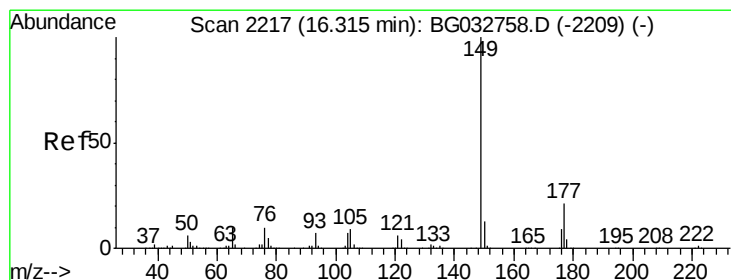
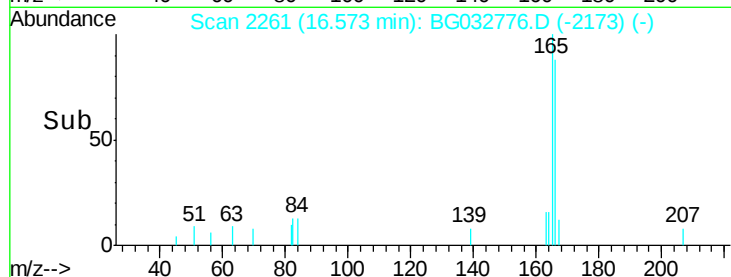
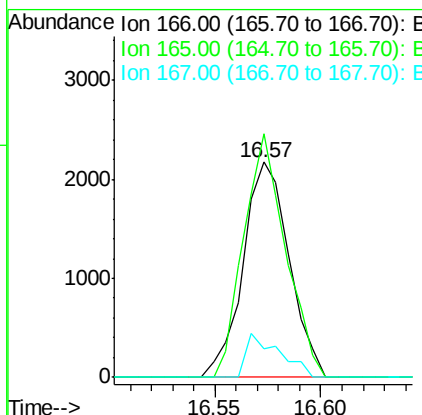
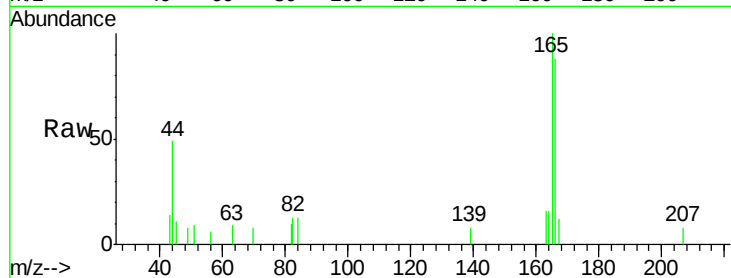




#57
 Fluorene
 Concen: 0.241 ng
 RT: 16.57 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

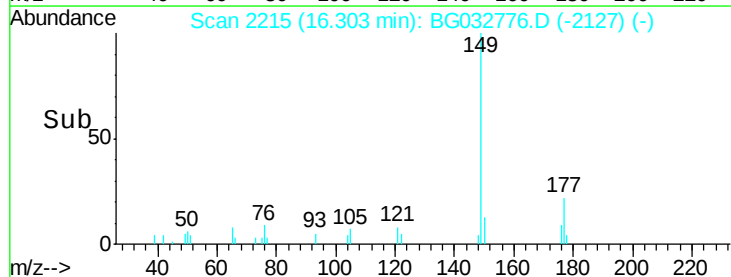
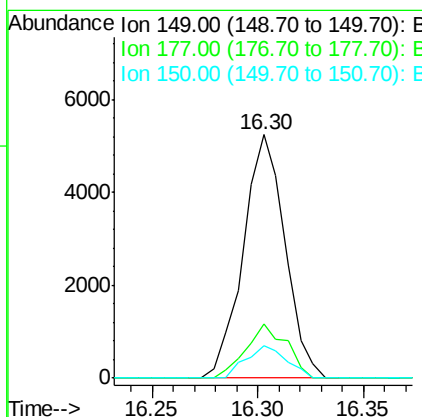
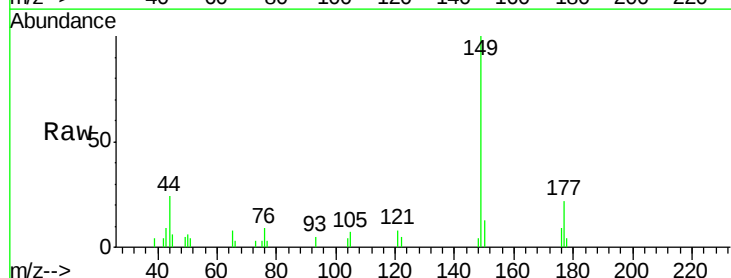
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-6

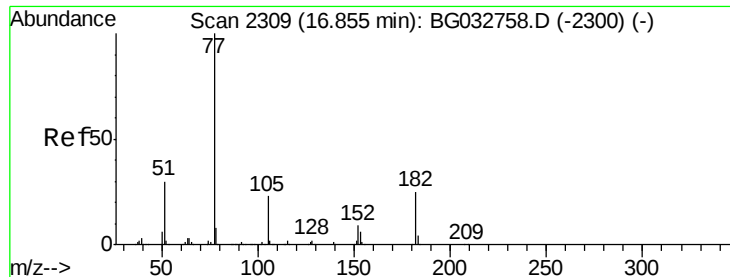
Tot Ion:166 Resp: 3291
 Ion Ratio Lower Upper
 166 100
 165 113.1 80.6 121.0
 167 13.0 10.4 15.6



#59
 Diethylphthalate
 Concen: 0.460 ng
 RT: 16.30 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

Tgt Ion:149 Resp: 7184
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.5 27.7
 150 13.1 10.2 15.2





#62

Azobenzene

Concen: 0.126 ng

RT: 17.01 min Scan# 2335

Delta R.T. 0.15 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

Tot Ion: 77 Resp: 1756

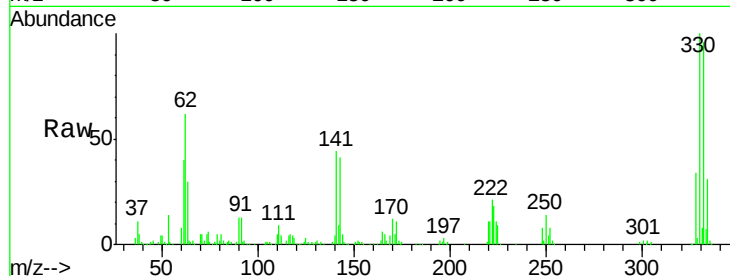
Ion Ratio Lower Upper

77 100

182 15.8 7.4 47.4

105 99.7 0.3 40.3#

51 82.9 11.6 51.6#

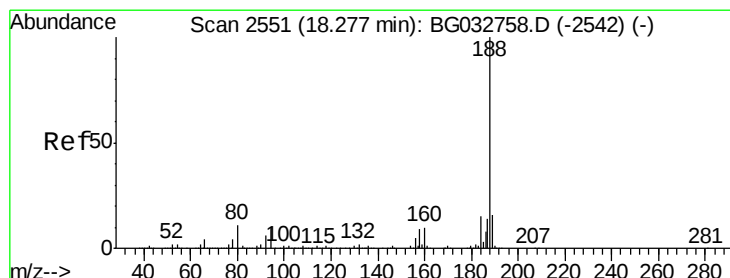
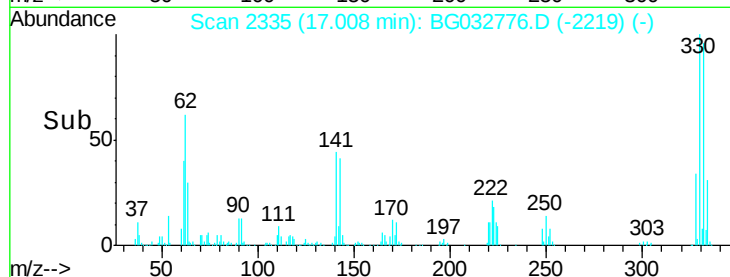
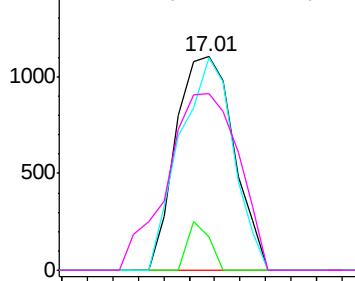


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG032776.D

Acq: 22 Feb 2018 2:53

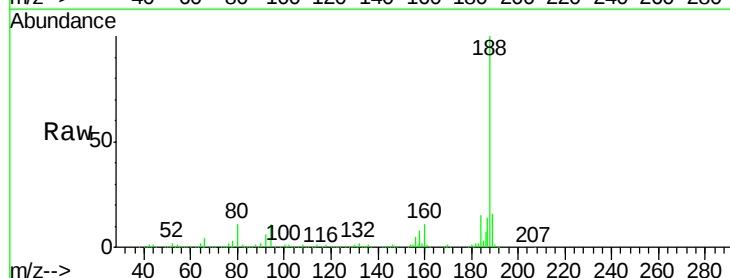
Tgt Ion: 188 Resp: 401523

Ion Ratio Lower Upper

188 100

94 10.6 6.9 10.3#

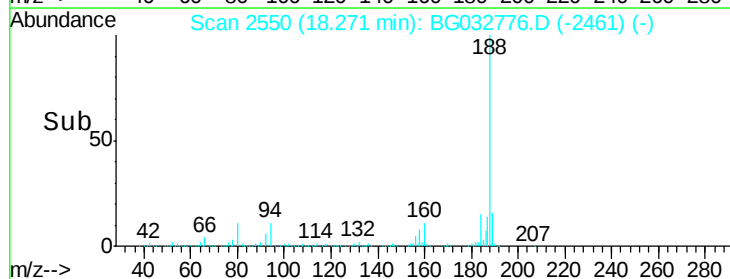
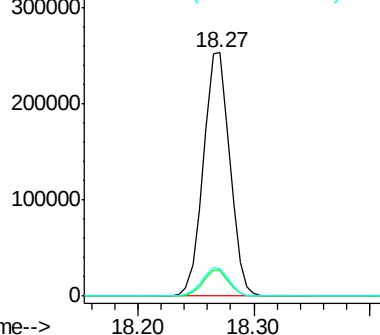
80 11.1 7.7 11.5

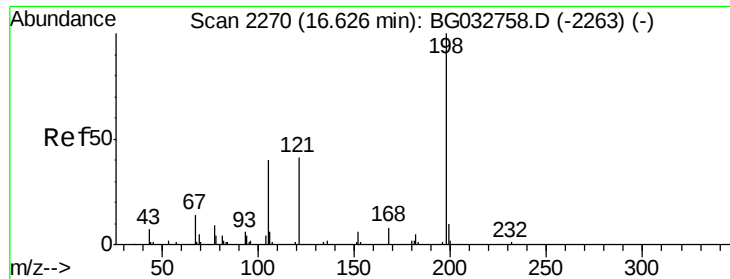


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

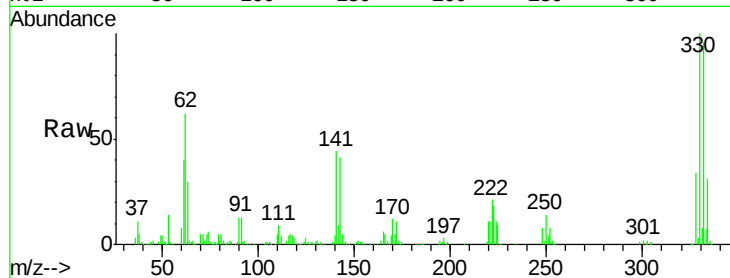




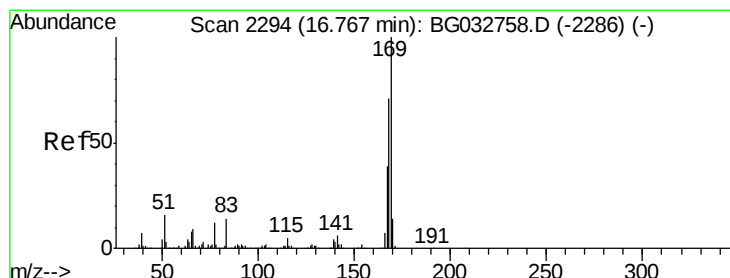
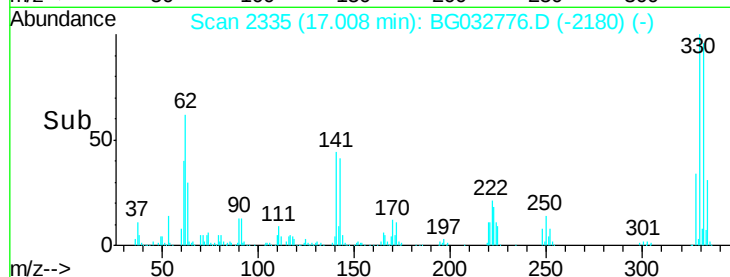
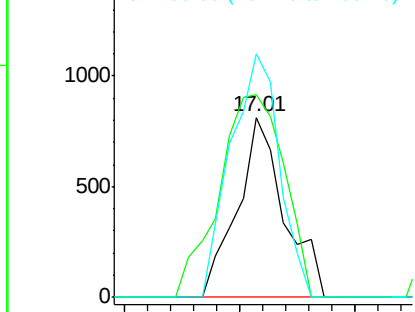
#64
4,6-Dinitro-2-methylphenol
Concen: 6.164 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.38 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Instrument :
BNA_G
ClientSampled :
TP-5-6

Tot Ion:198 Resp: 1152
Ion Ratio Lower Upper
198 100
51 112.3 30.6 70.6#
105 135.1 23.8 63.8#

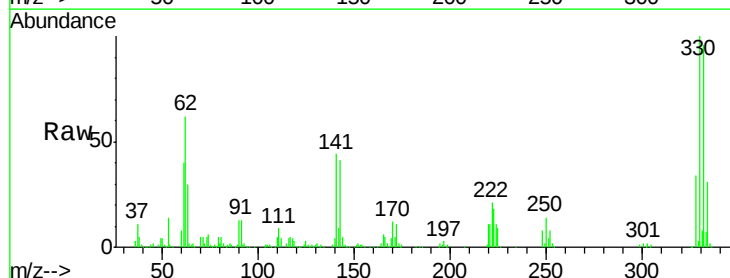


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

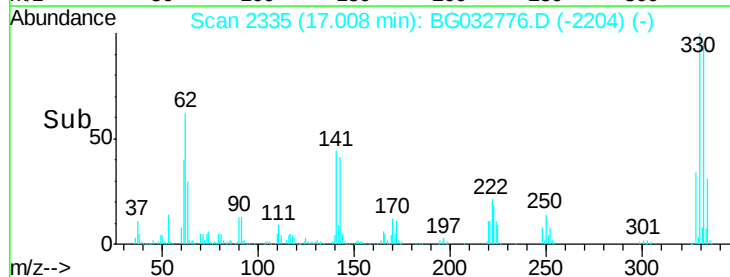
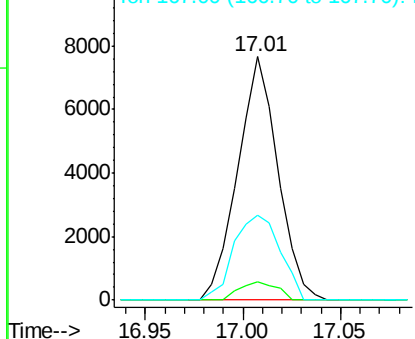


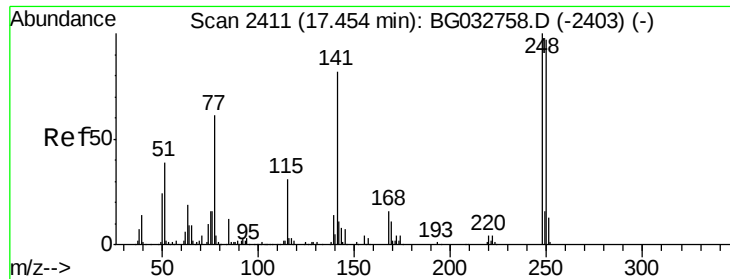
#65
n-Nitrosodiphenylamine
Concen: 0.835 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.24 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Tgt Ion:169 Resp: 10904
Ion Ratio Lower Upper
169 100
168 7.7 55.7 83.5#
167 34.7 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

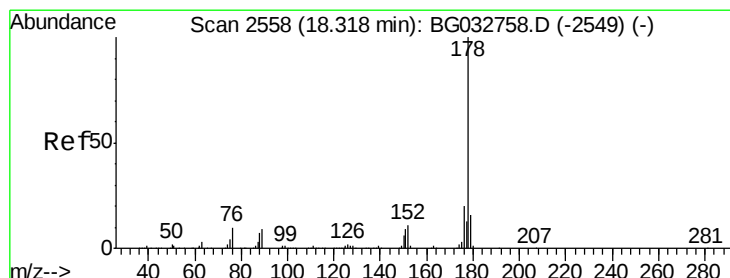
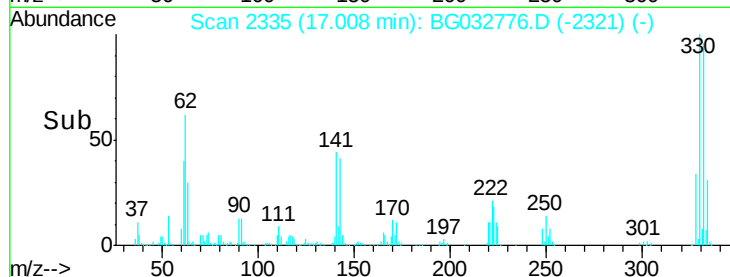
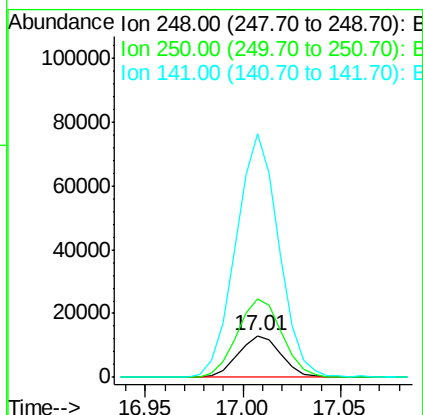
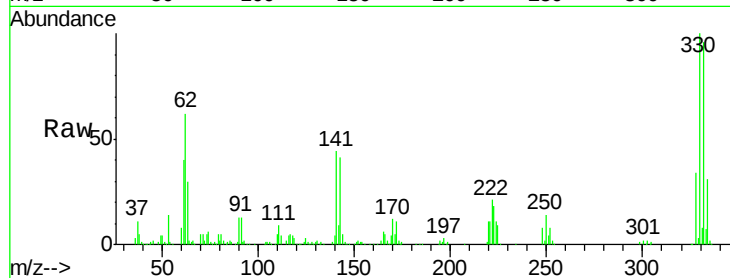




#66
 4-Bromophenyl-phenylether
 Concen: 4.655 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.45 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

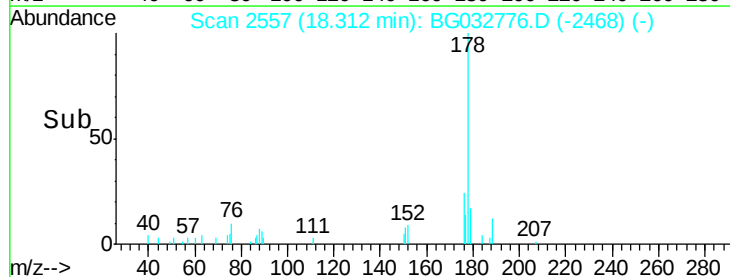
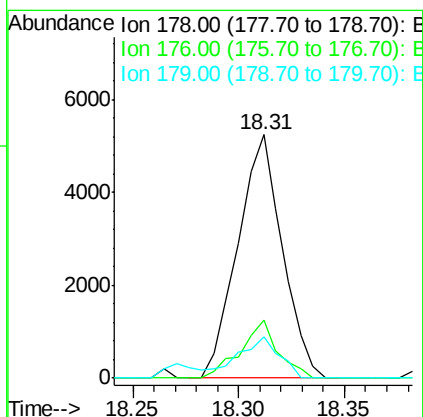
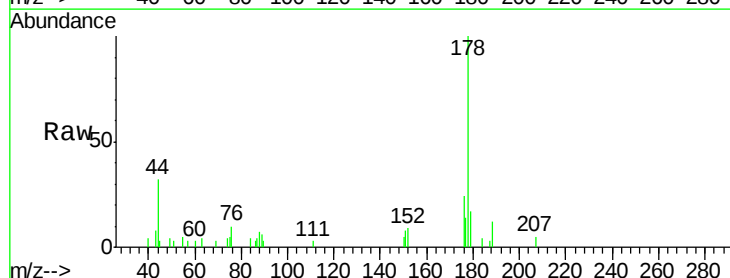
Instrument :
 BNA_G
 ClientSampled :
 TP-5-6

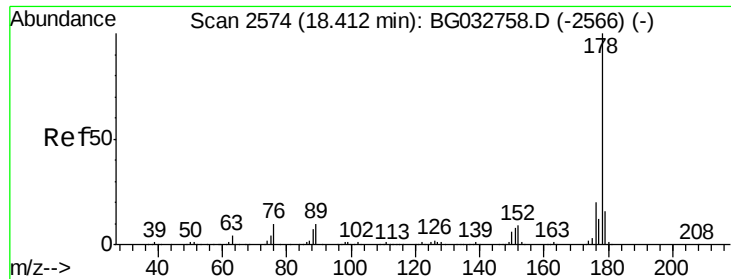
Tot Ion:248 Resp: 19765
 Ion Ratio Lower Upper
 248 100
 250 187.9 77.1 115.7#
 141 579.7 50.8 76.2#



#70
 Phenanthrene
 Concen: 0.341 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.01 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

Tgt Ion:178 Resp: 7647
 Ion Ratio Lower Upper
 178 100
 176 24.0 15.7 23.5#
 179 16.8 12.5 18.7

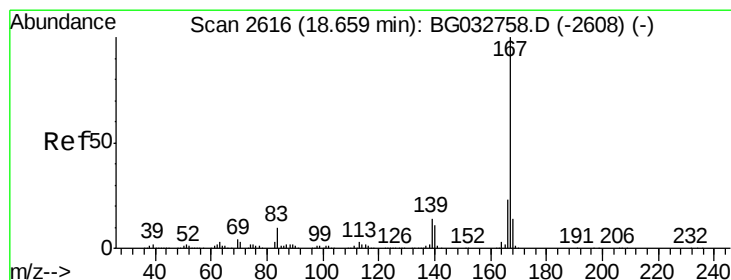
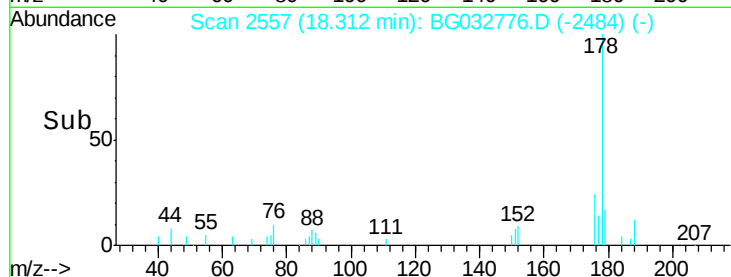
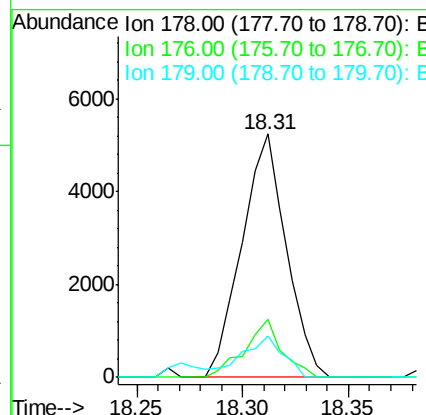
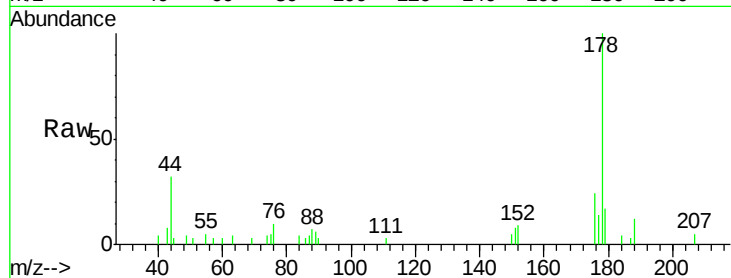




#71
 Anthracene
 Concen: 0.340 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.10 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

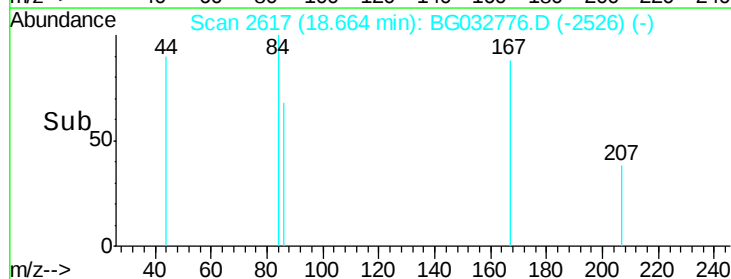
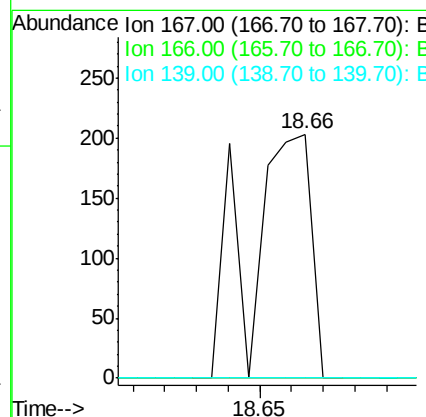
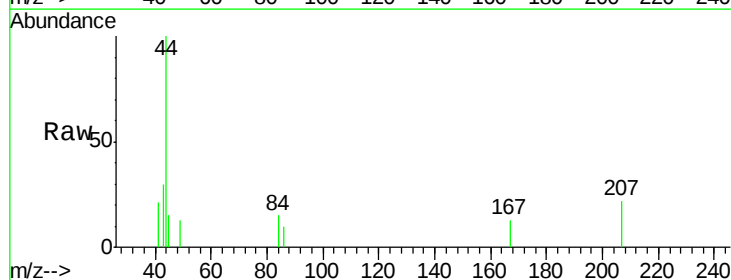
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-6

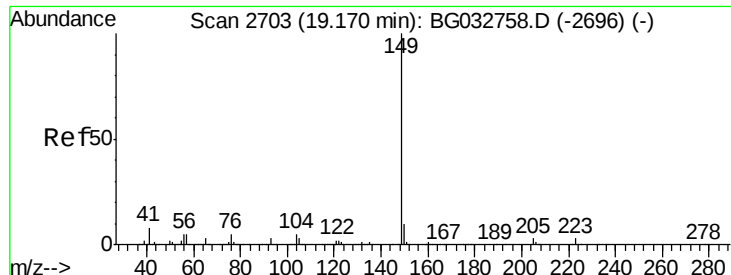
Tot Ion:178 Resp: 7647
 Ion Ratio Lower Upper
 178 100
 176 24.0 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 0.012 ng
 RT: 18.66 min Scan# 2617
 Delta R.T. 0.01 min
 Lab File: BG032776.D
 Acq: 22 Feb 2018 2:53

Tgt Ion:167 Resp: 272
 Ion Ratio Lower Upper
 167 100
 166 0.0 18.2 27.4#
 139 0.0 9.4 14.2#

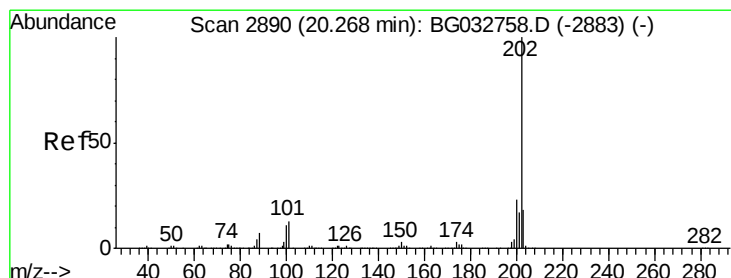
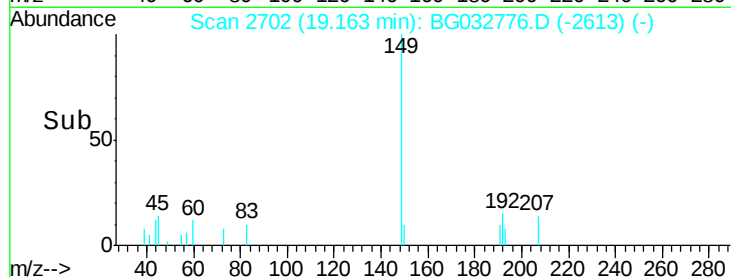
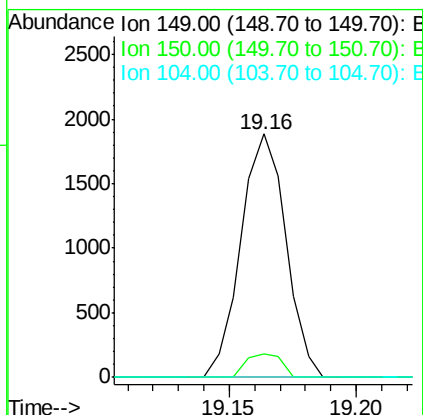
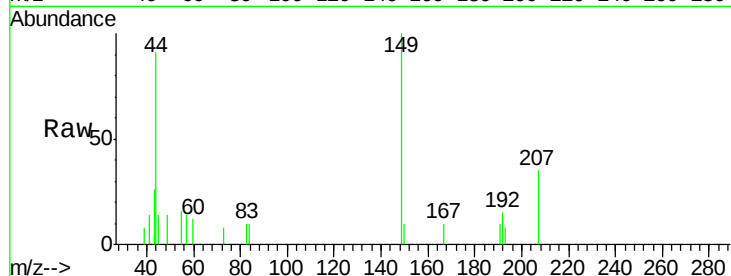




#73
Di-n-butylphthalate
Concen: 0.085 ng
RT: 19.16 min Scan# 2702
Delta R.T. -0.01 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

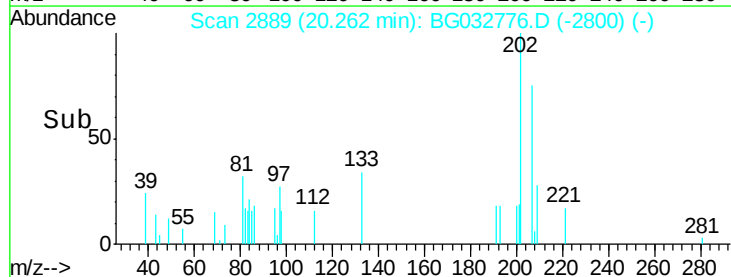
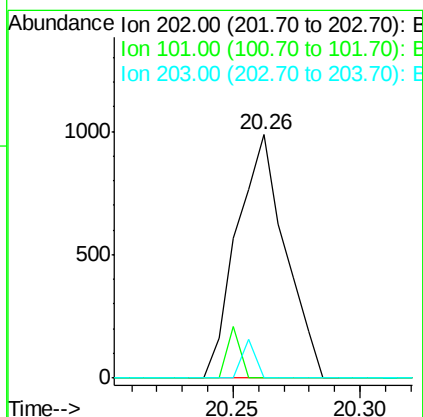
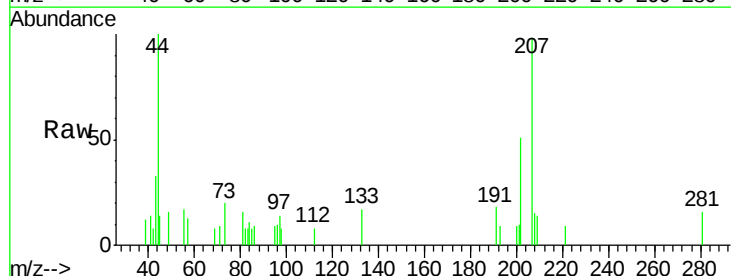
Instrument :
BNA_G
ClientSampleId :
TP-5-6

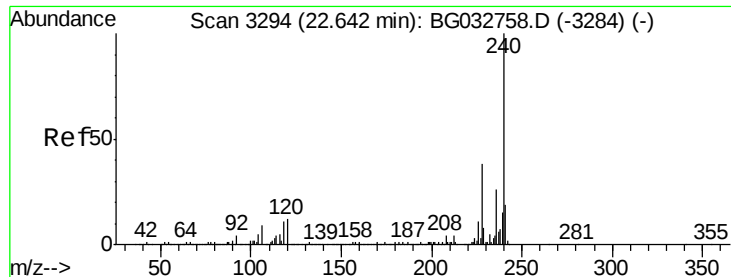
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	0.0	3.9	5.9



#74
Fluoranthene
Concen: 0.053 ng
RT: 20.26 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.02 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

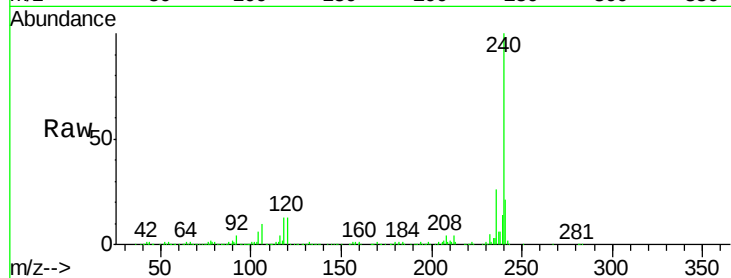
Tot Ion:240 Resp: 407989

Ion Ratio Lower Upper

240 100

120 13.1 6.8 10.2#

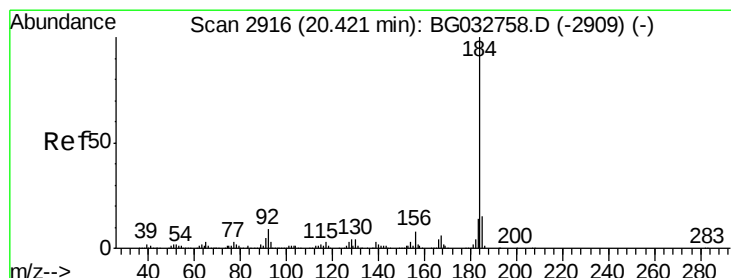
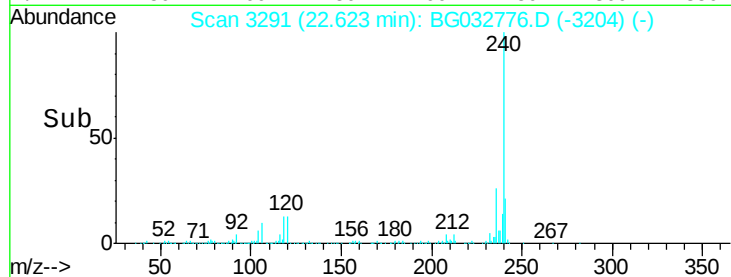
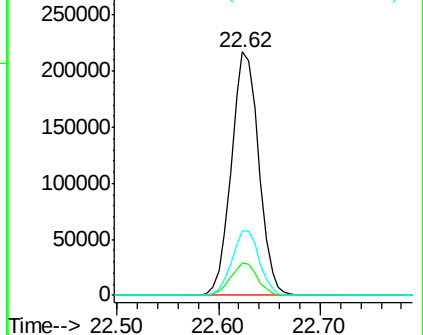
236 26.2 20.9 31.3



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: 1.892 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.37 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

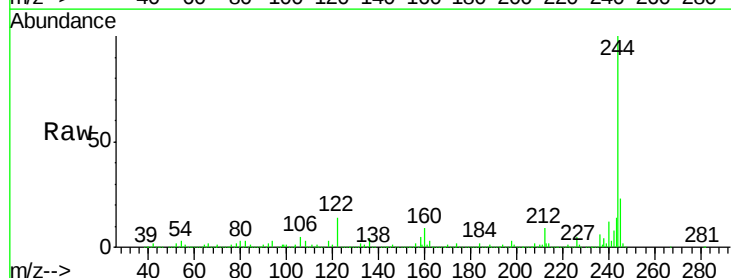
Tgt Ion:184 Resp: 26316

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

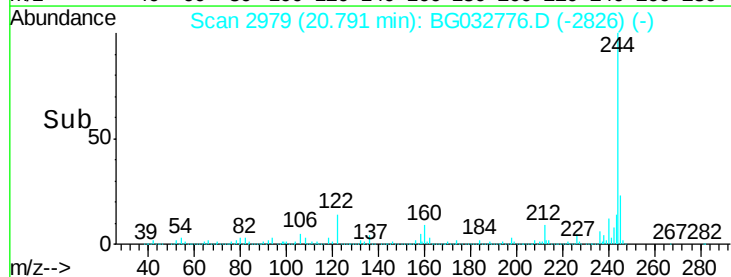
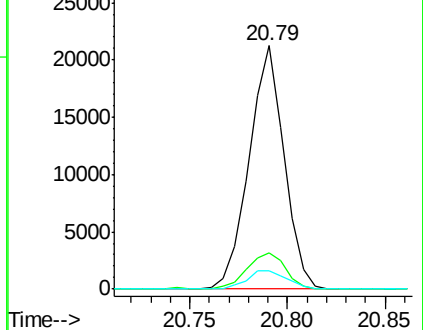
183 7.6 10.6 16.0#

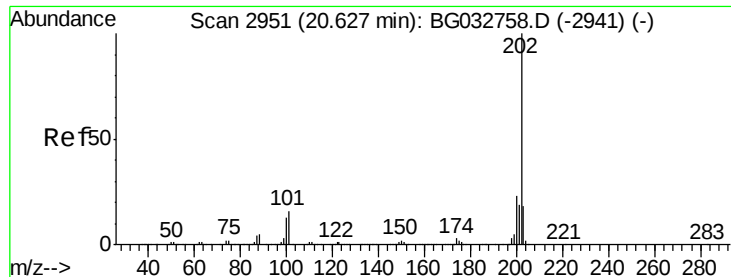


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

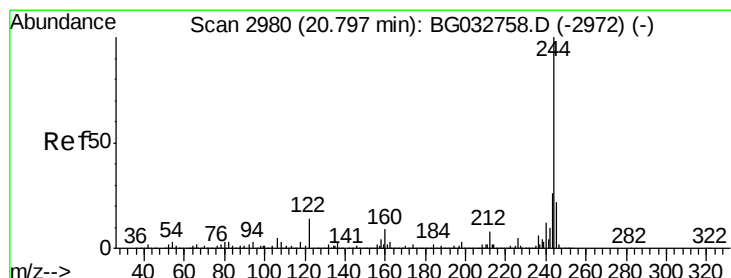
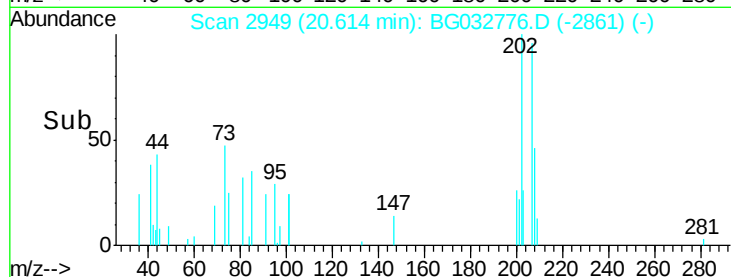
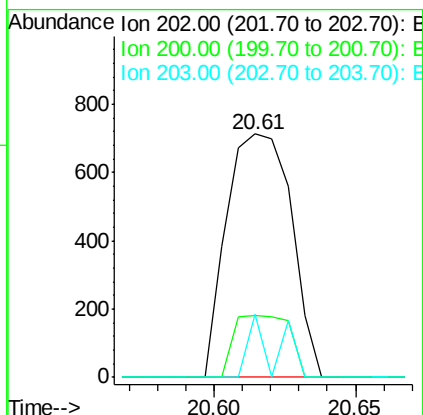
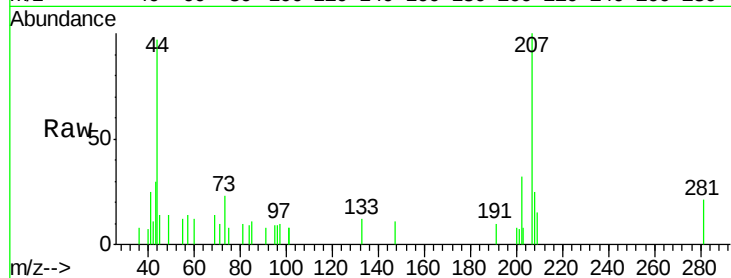




#77
Pvrene
Concen: 0.039 ng
RT: 20.61 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

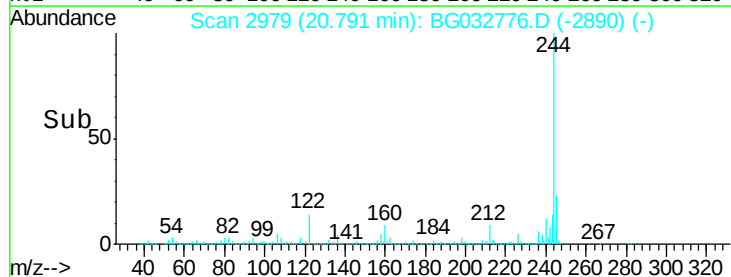
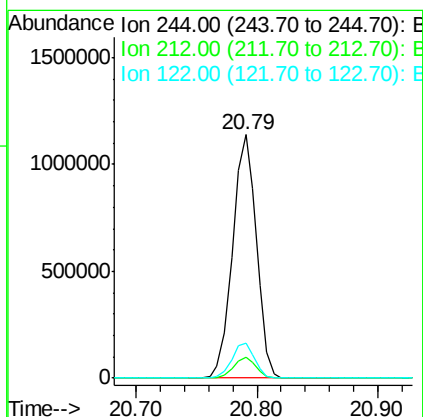
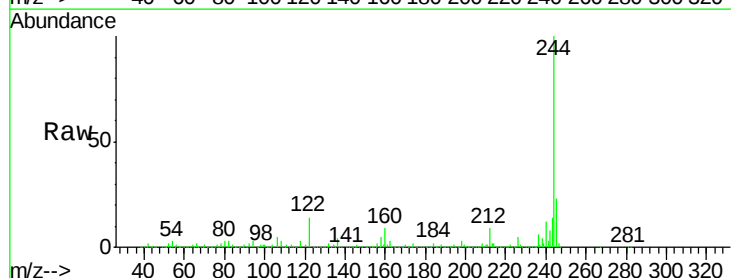
Instrument :
BNA_G
ClientSampleId :
TP-5-6

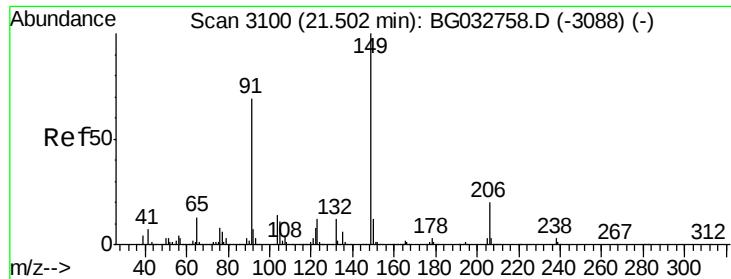
Tot Ion:202 Resp: 1130
Ion Ratio Lower Upper
202 100
200 25.5 16.9 25.3#
203 25.8 13.9 20.9#



#78
Terphenyl-d14
Concen: 85.959 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG032776.D
Acq: 22 Feb 2018 2:53

Tgt Ion:244 Resp: 1560956
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 14.4 7.0 10.4#





#79

Butylbenzylphthalate

Concen: 0.028 ng

RT: 21.48 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampled :

TP-5-6

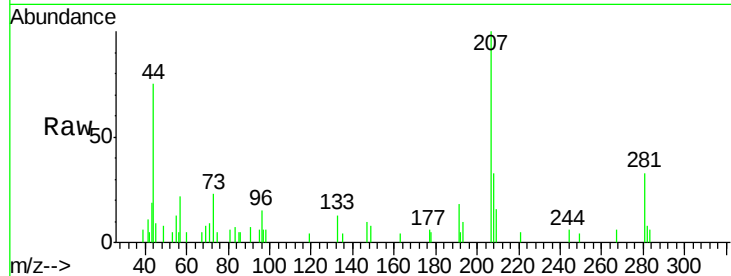
Tot Ion:149 Resp: 363

Ion Ratio Lower Upper

149 100

91 94.9 62.2 93.2#

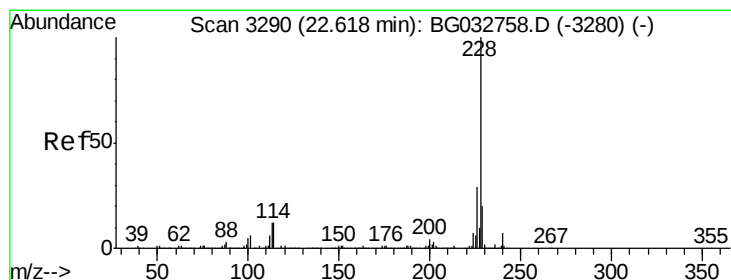
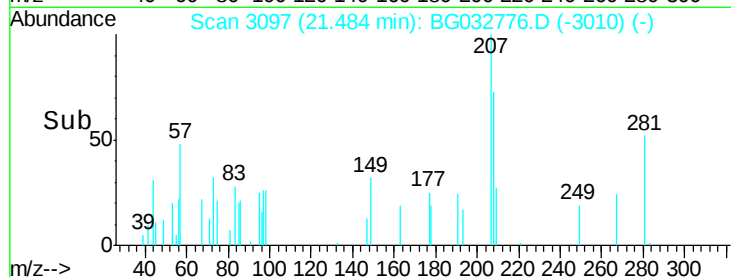
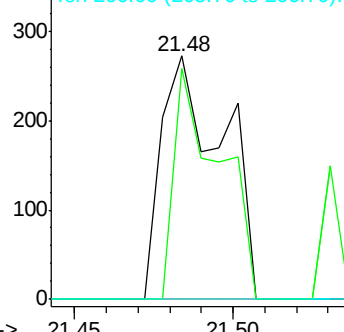
206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.040 ng

RT: 22.62 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

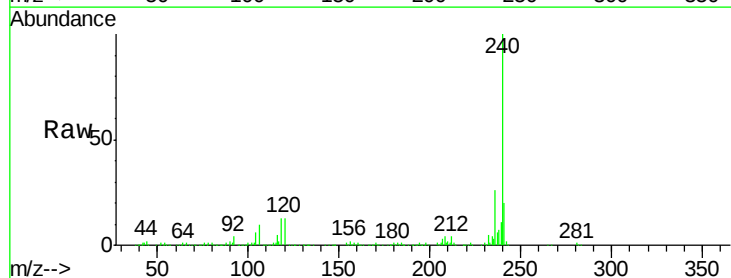
Tgt Ion:228 Resp: 1050

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

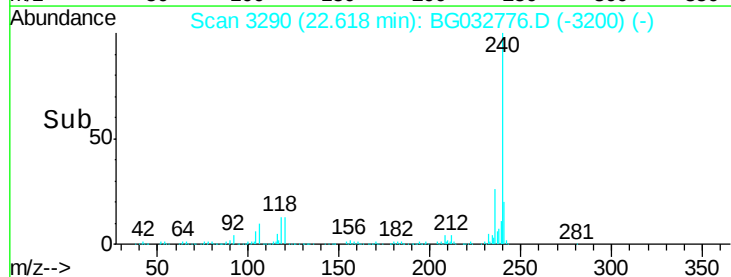
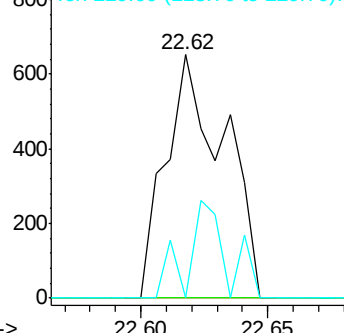
229 0.0 16.2 24.2#

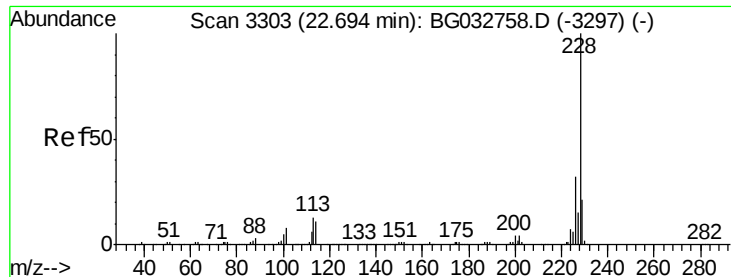


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.042 ng

RT: 22.62 min Scan# 3290

Delta R.T. -0.08 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

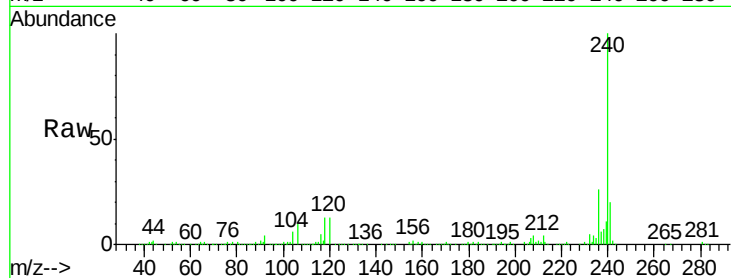
Tot Ion:228 Resp: 1050

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

229 0.0 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

22.62

600

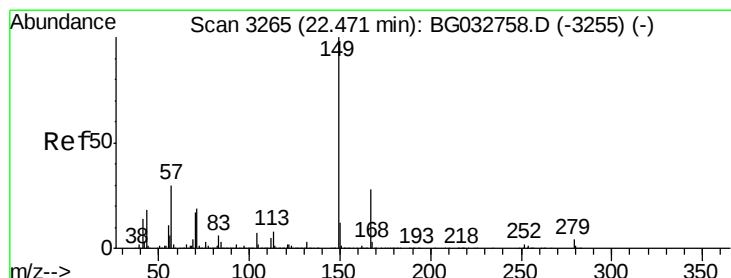
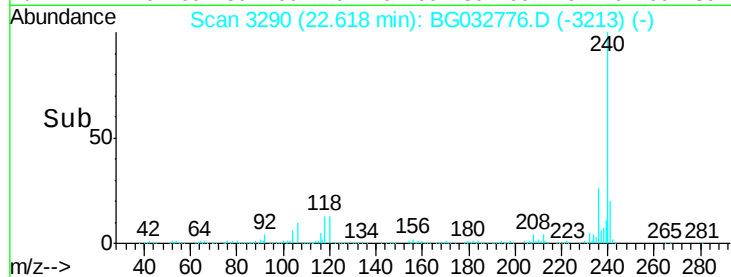
400

200

0

22.60 22.65

Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.062 ng

RT: 22.46 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

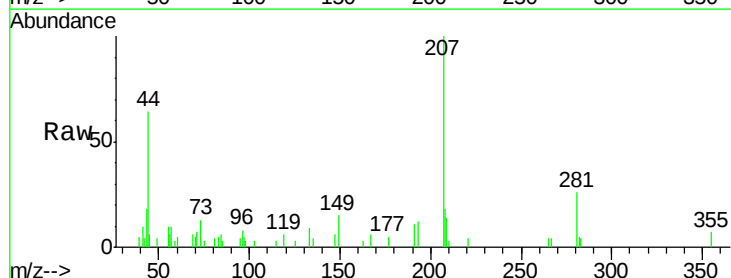
Tgt Ion:149 Resp: 1179

Ion Ratio Lower Upper

149 100

167 38.0 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

22.46

1000

800

600

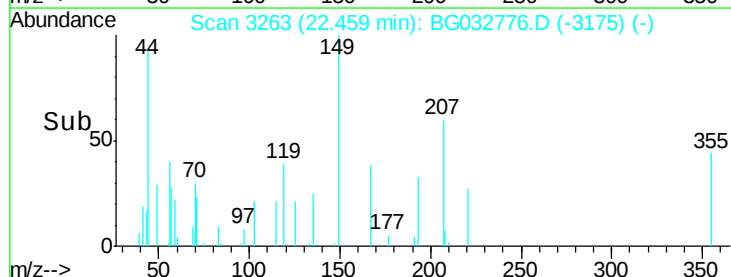
400

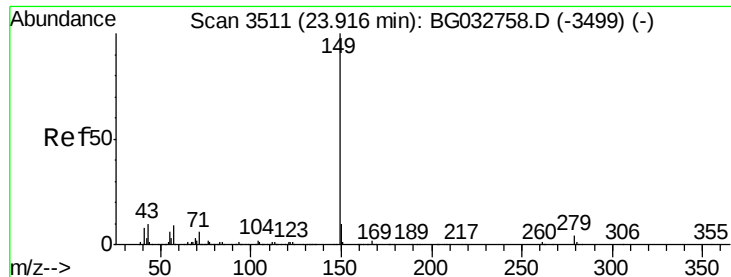
200

0

22.45

Time-->





#84

Di-n-octyl phthalate

Concen: 0.008 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.02 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

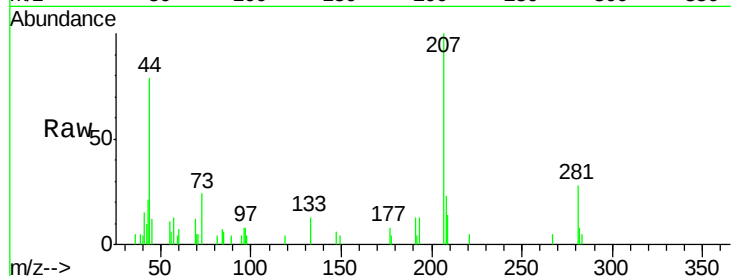
Tot Ion:149 Resp: 228

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

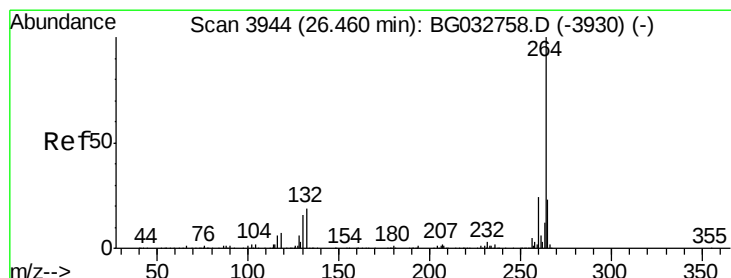
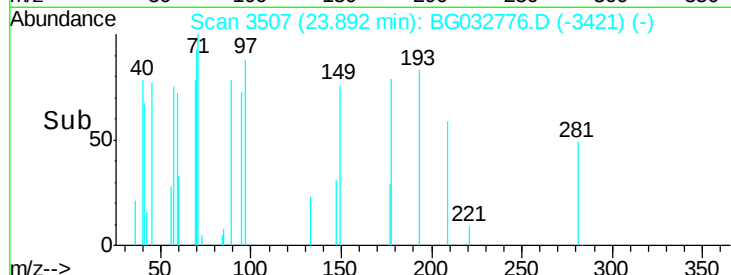
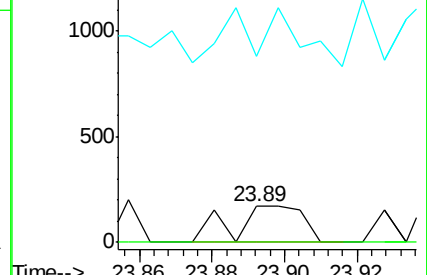
43 58.3 8.9 13.3#



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: BG032776.D

Acq: 22 Feb 2018 2:53

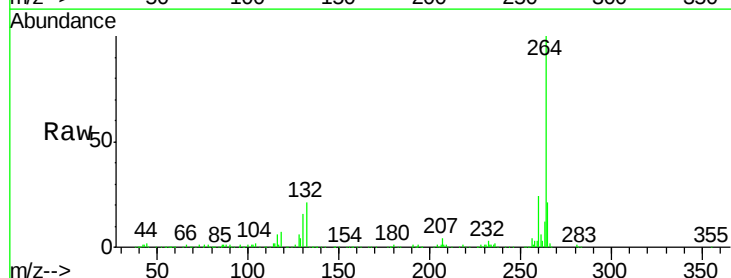
Tgt Ion:264 Resp: 428897

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

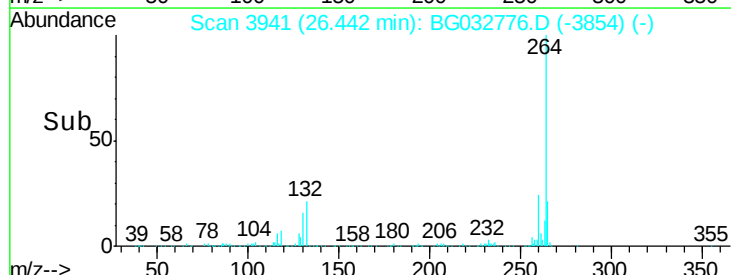
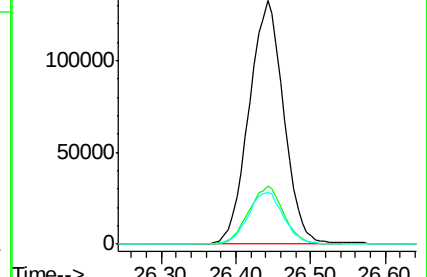
265 21.4 17.7 26.5

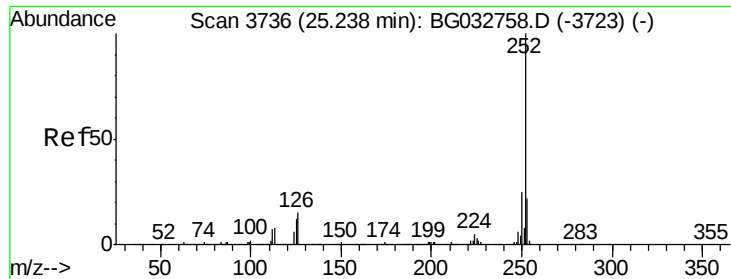


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 25.21 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

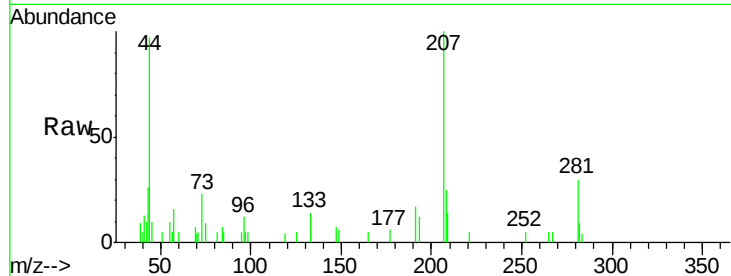
BNA_G

ClientSampleId :

TP-5-6

Tot Ion:252 Resp: 61

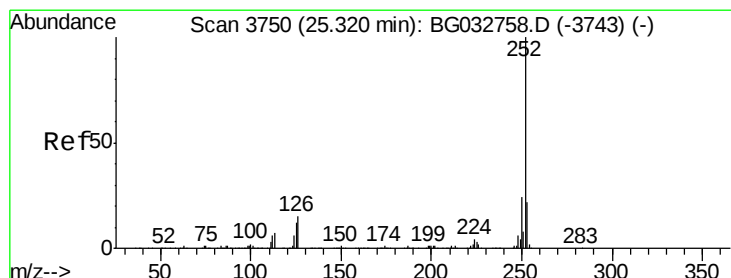
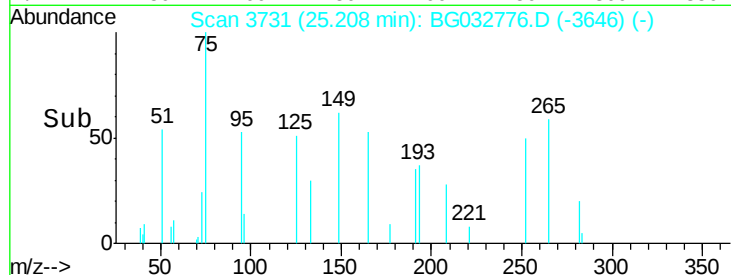
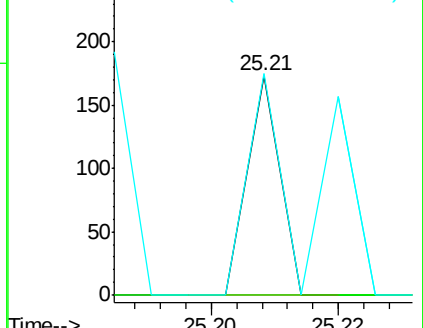
Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.2	27.4#
125	101.2	7.2	10.8#



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



#88

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 25.28 min Scan# 3744

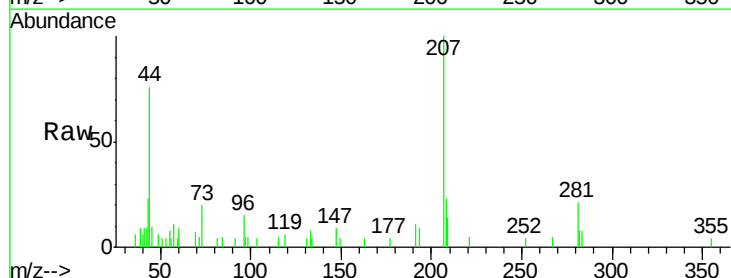
Delta R.T. -0.04 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Tgt Ion:252 Resp: 55

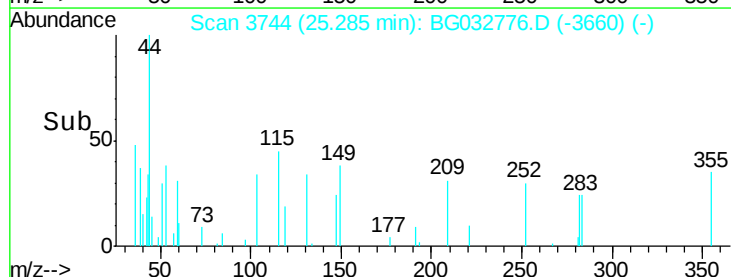
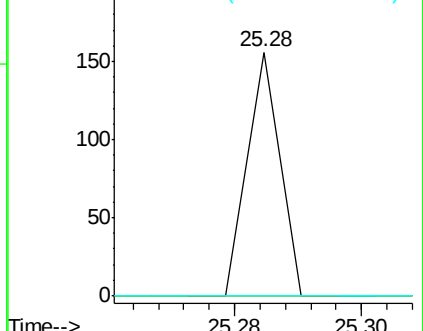
Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	6.6	9.8#

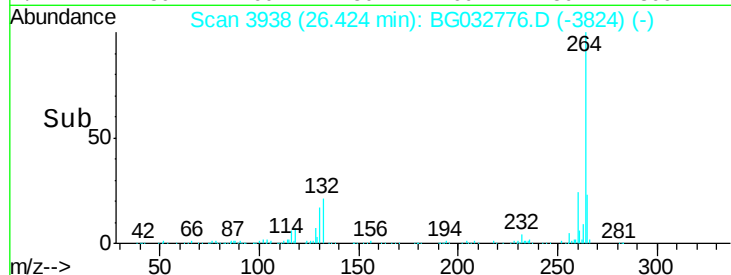
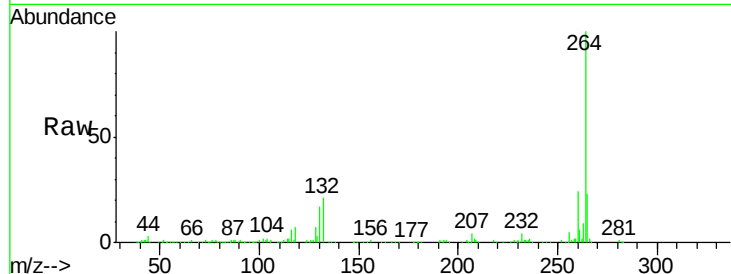
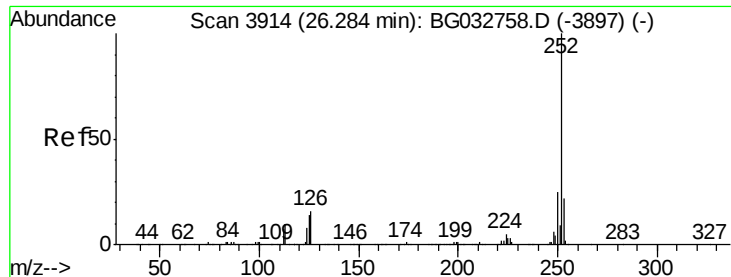


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.032 ng

RT: 26.42 min Scan# 3938

Delta R.T. 0.14 min

Lab File: BG032776.D

Acq: 22 Feb 2018 2:53

Instrument :

BNA_G

ClientSampleId :

TP-5-6

Tot Ion: 252 Resp: 773

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

125 38.3 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

