

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032779.D
 Acq On : 22 Feb 2018 4:46
 Operator : SJ/JU
 Sample : J1624-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Feb 22 06:21:09 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	80228	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	344465	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	192024	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	428726	20.00	ng	0.00
75) Chrysene-d12	22.63	240	401109	20.00	ng	-0.01
86) Perylene-d12	26.45	264	425639	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	590296	117.71	ng	0.00
7) Phenol-d6	8.02	99	697519	99.79	ng	0.00
23) Nitrobenzene-d5	10.13	82	479893	95.32	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	275244	136.32	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1117172	83.91	ng	0.00
78) Terphenyl-d14	20.79	244	1573032	88.11	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	8449	3.882	ng	# 1
4) n-Nitrosodimethylamine	4.33	42	300	0.125	ng	# 1
6) Aniline	8.44	93	961	0.102	ng	# 1
9) Benzaldehyde	8.02	77	1180	0.293	ng	# 5
10) Phenol	8.03	94	58	0.008	ng	# 1
11) bis(2-Chloroethyl)ether	8.44	93	961	0.167	ng	# 1
15) Benzyl Alcohol	9.26	79	8017	1.560	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	9.44	45	180	0.018	ng	# 75
19) n-Nitroso-di-n-propylamine	10.13	70	62199	12.605	ng	# 82
22) Acetophenone	9.77	105	619	0.071	ng	# 53
24) Nitrobenzene	10.13	77	1490	6.616	ng	# 41
25) Isophorone	10.61	82	57	0.005	ng	# 69
31) Naphthalene	11.86	128	1567	0.087	ng	# 68
33) 4-Chloroaniline	11.87	127	54	0.007	ng	# 46
37) 2-Methylnaphthalene	13.40	142	245	0.019	ng	# 62
45) 1,1'-Biphenyl	14.39	154	2780	0.166	ng	# 89
47) 2-Nitroaniline	14.17	65	2025	10.345	ng	# 1
50) 2,6-Dinitrotoluene	15.54	165	25203	16.506	ng	# 20
51) Acenaphthene	15.60	154	55	0.004	ng	# 70
54) Dibenzofuran	15.94	168	187	0.010	ng	# 46
56) 2,4-Dinitrotoluene	15.54	165	25203	14.704	ng	# 18
57) Fluorene	17.01	166	13791	0.918	ng	# 92
59) Diethylphthalate	16.30	149	6604	0.384	ng	# 93
62) Azobenzene	17.01	77	1743	0.113	ng	# 3
64) 4,6-Dinitro-2-methylphenol	17.01	198	685	5.628	ng	# 1
65) n-Nitrosodiphenylamine	17.01	169	11260	0.807	ng	# 48
66) 4-Bromophenyl-phenylether	17.01	248	20117	4.438	ng	# 1
70) Phenanthrene	18.32	178	690	0.029	ng	# 60
71) Anthracene	18.32	178	690	0.029	ng	# 59
73) Di-n-butylphthalate	19.17	149	2112	0.073	ng	# 78
76) Benzidine	20.79	184	26680	1.951	ng	# 90
77) Pvrene	20.79	202	6141	0.217	ng	# 60
79) Butylbenzylphthalate	21.48	149	75	0.006	ng	# 76
80) Benzo(a)anthracene	22.62	228	1050	0.041	ng	# 58

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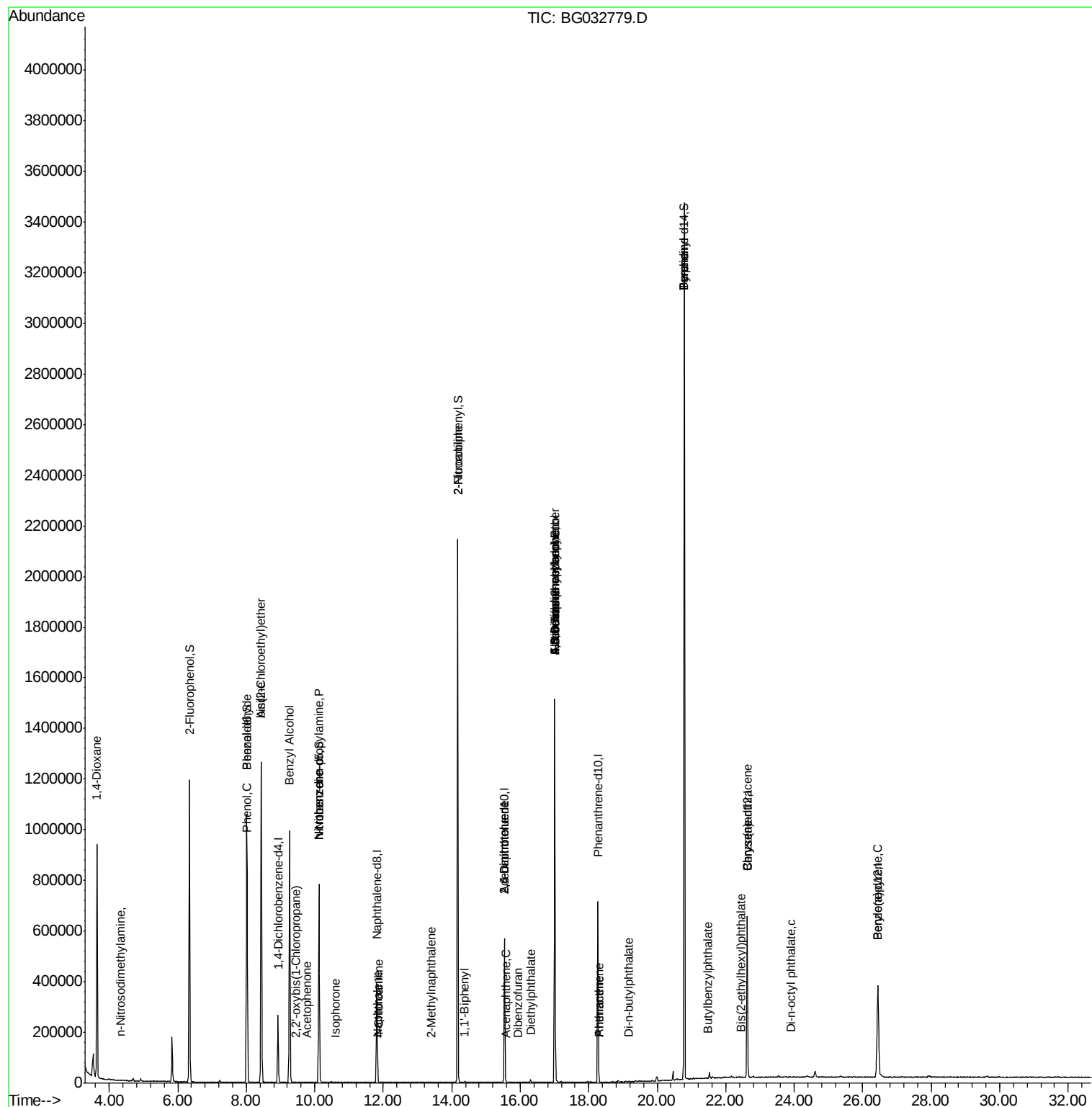
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	22.62	228	1050	0.043	ng	# 54
83) Bis(2-ethylhexyl)phthalate	22.46	149	1216	0.066	ng	# 95
84) Di-n-octyl phthalate	23.90	149	313	0.011	ng	# 1
89) Benzo(a)pyrene	26.45	252	1437	0.060	ng	# 45

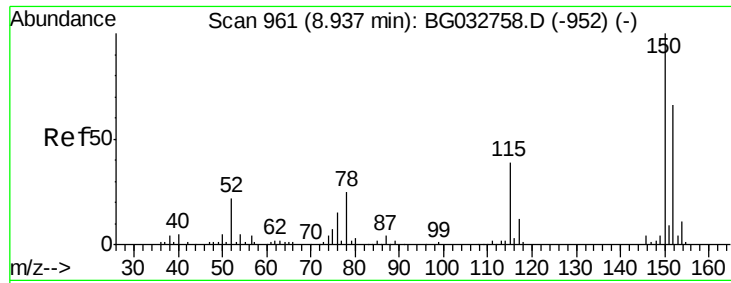
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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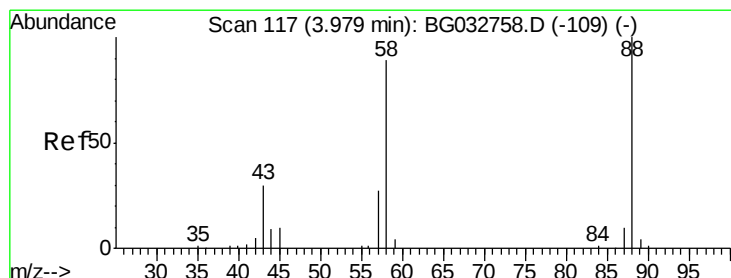
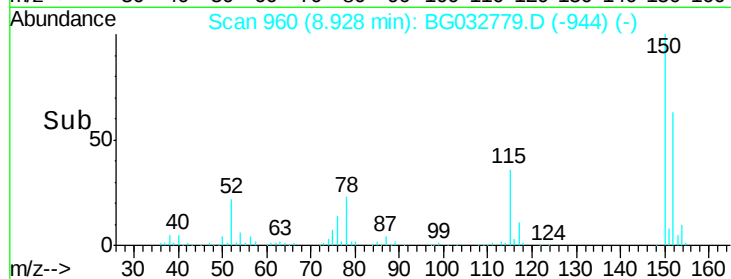
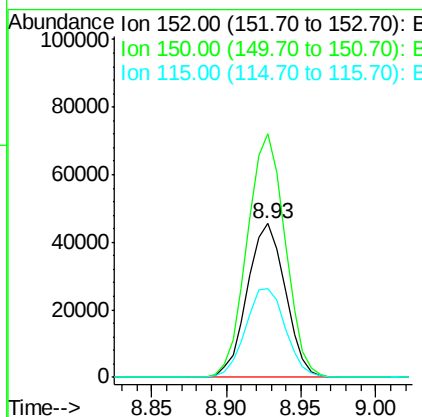
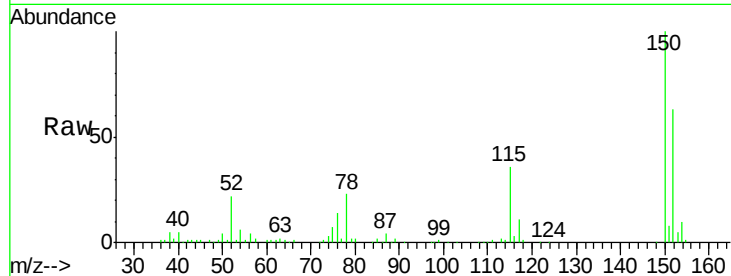


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Instrument :
BNA_G
ClientSampleId :
TP-1

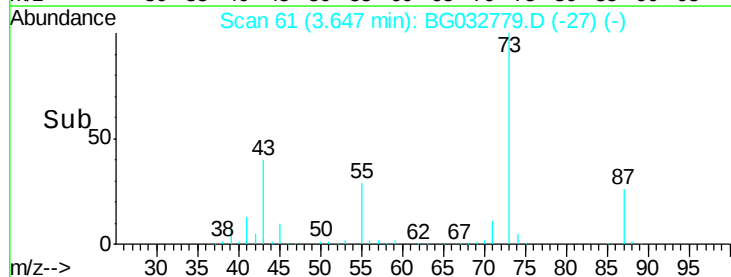
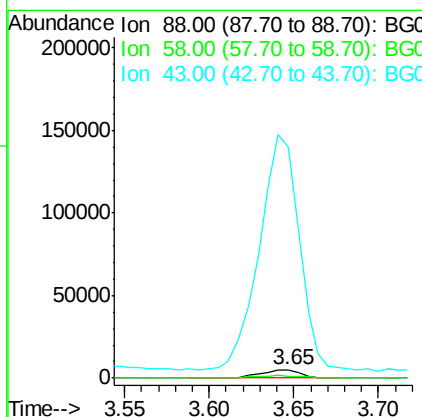
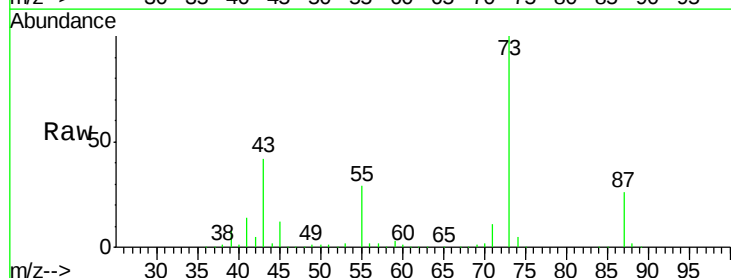
Tot Ion:152 Resp: 80228
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 57.5 53.0 79.4

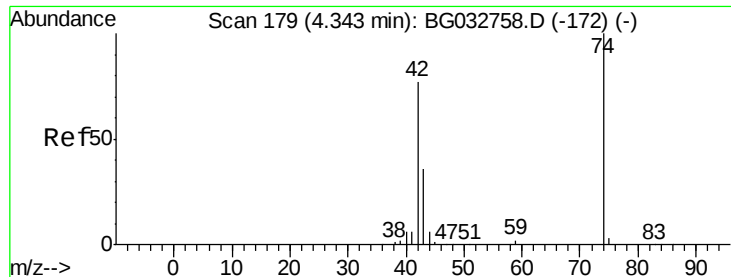


#2

1,4-Dioxane
Concen: 3.882 ng
RT: 3.65 min Scan# 61
Delta R.T. -0.33 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion: 88 Resp: 8449
Ion Ratio Lower Upper
88 100
58 26.2 79.6 119.4#
43 2780.4 27.4 41.0#





#4

n-Nitrosodimethylamine

Concen: 0.125 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampled :

TP-1

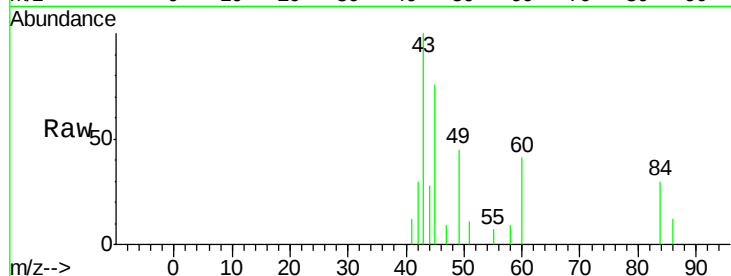
Tot Ion: 42 Resp: 300

Ion Ratio Lower Upper

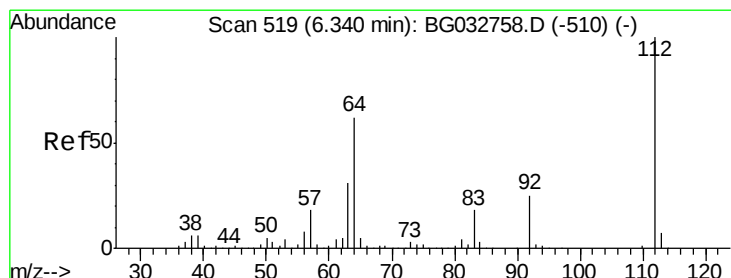
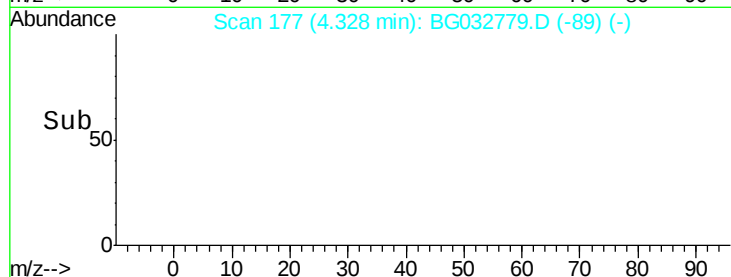
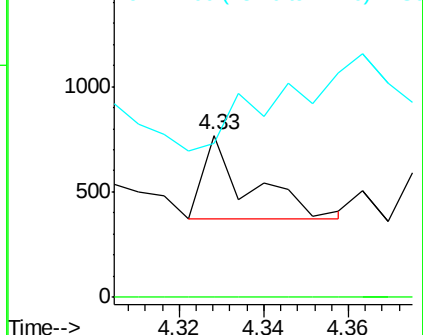
42 100

74 0.0 102.5 153.7#

44 95.2 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: 117.713 ng

RT: 6.34 min Scan# 520

Delta R.T. 0.00 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

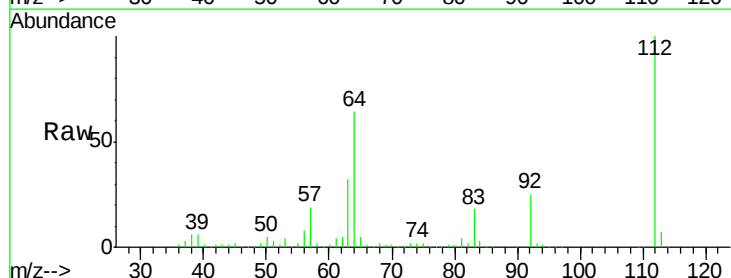
Tgt Ion: 112 Resp: 590296

Ion Ratio Lower Upper

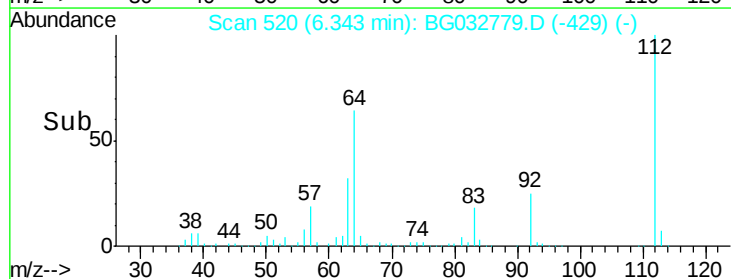
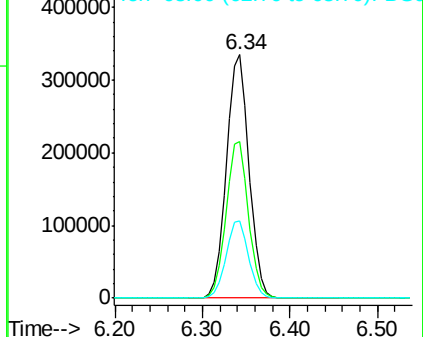
112 100

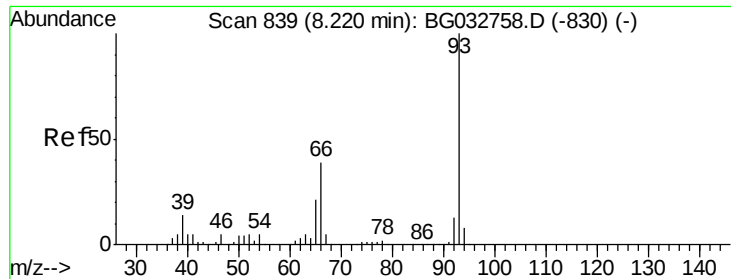
64 64.2 56.3 84.5

63 31.8 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: 0.102 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.22 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

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TP-1

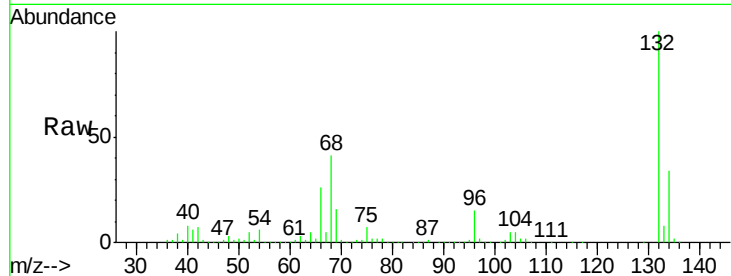
Tot Ion: 93 Resp: 961

Ion Ratio Lower Upper

93 100

66 17159.4 33.7 50.5#

65 1371.0 16.1 24.1#



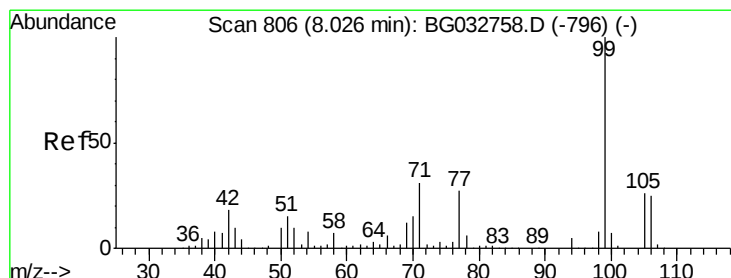
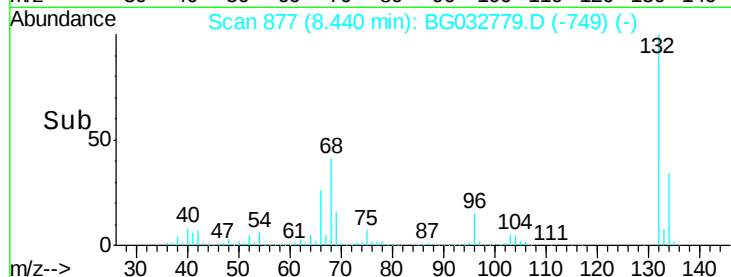
Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

100000

50000

0

Time-->



#7

Phenol-d6

Concen: 99.791 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

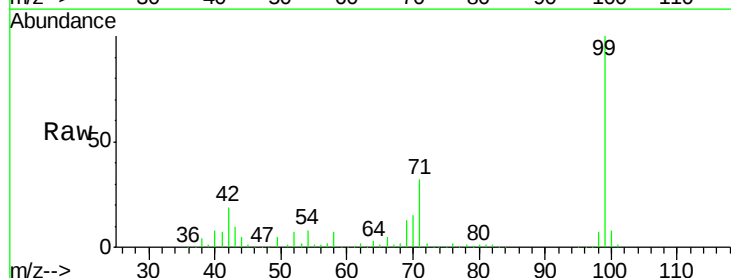
Tgt Ion: 99 Resp: 697519

Ion Ratio Lower Upper

99 100

42 19.3 14.1 21.1

71 32.4 26.1 39.1



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

500000

400000

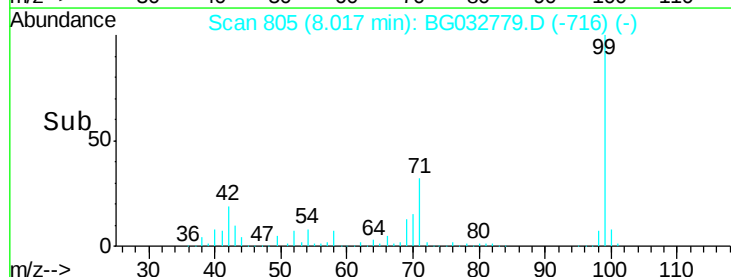
300000

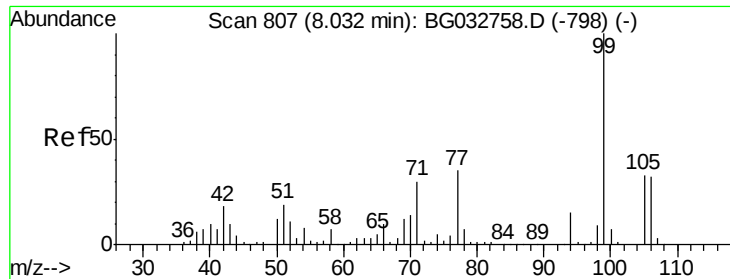
200000

100000

0

Time-->

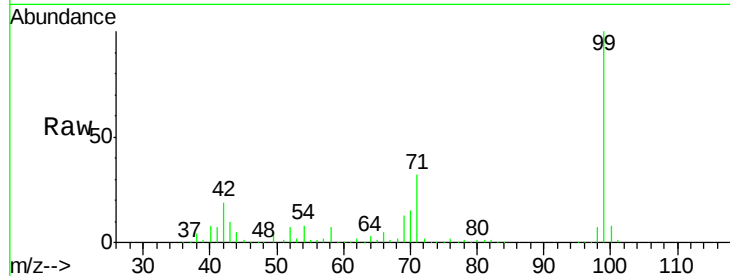




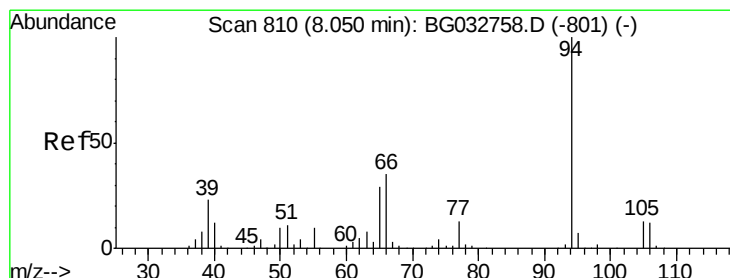
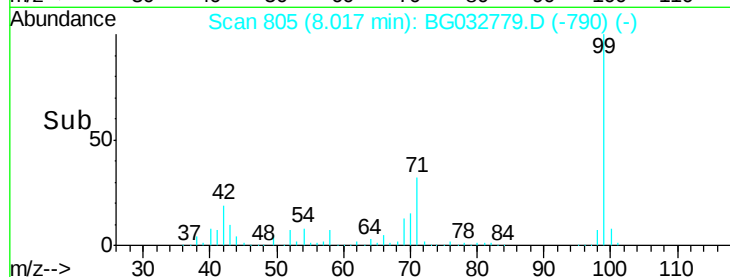
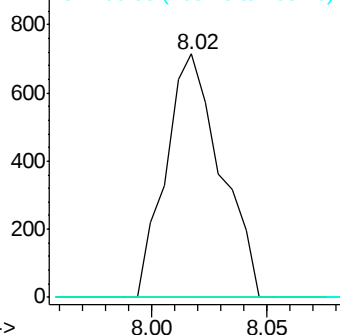
#9
Benzaldehyde
Concen: 0.293 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion: 77 Resp: 1180
Ion Ratio Lower Upper
77 100
105 0.0 71.3 111.3#
106 0.0 64.2 104.2#

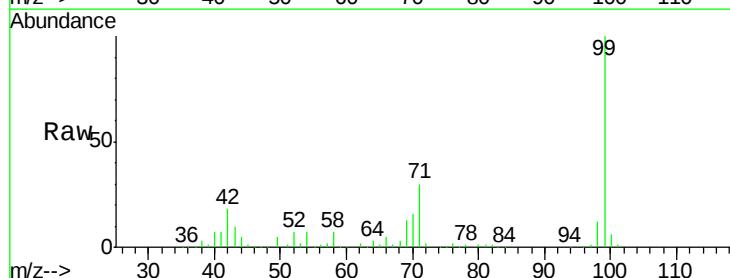


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

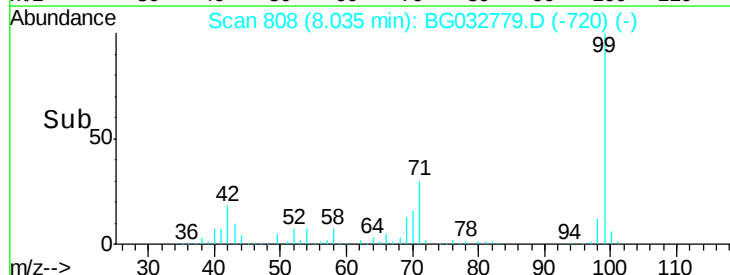
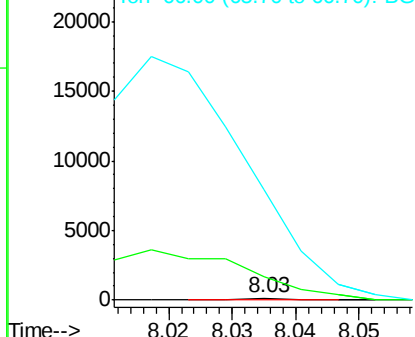


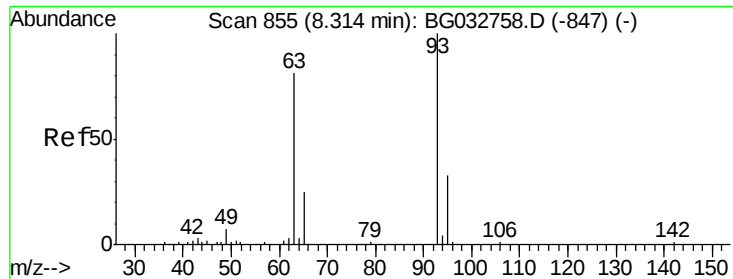
#10
Phenol
Concen: 0.008 ng
RT: 8.03 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion: 94 Resp: 58
Ion Ratio Lower Upper
94 100
65 1034.9 11.9 51.9#
66 4758.4 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

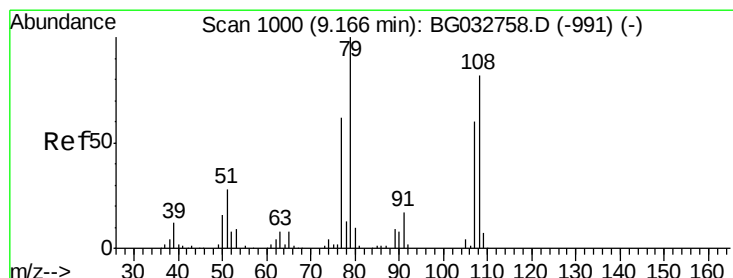
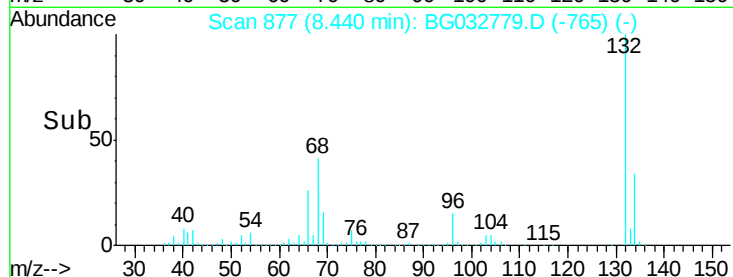
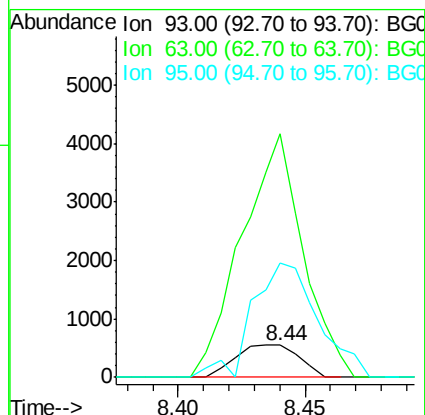
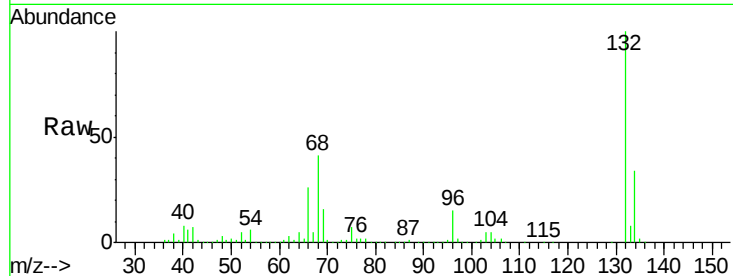




#11
 bis(2-Chloroethyl)ether
 Concen: 0.167 ng
 RT: 8.44 min Scan# 877
 Delta R.T. 0.13 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

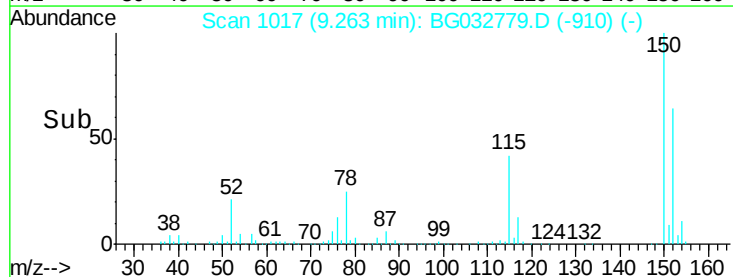
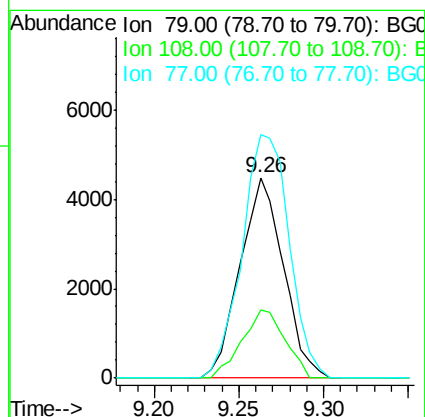
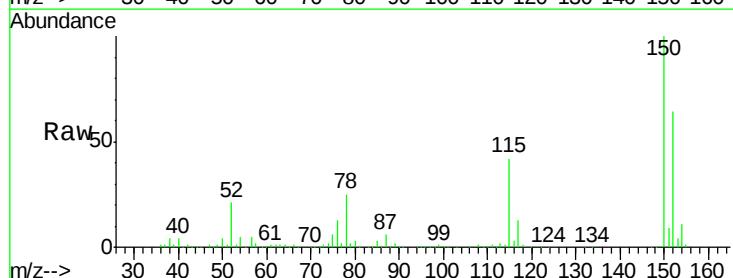
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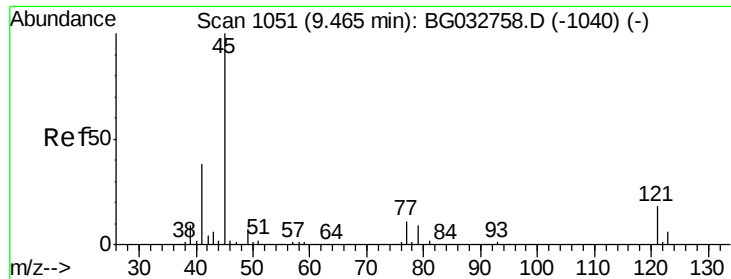
Tot Ion: 93 Resp: 961
 Ion Ratio Lower Upper
 93 100
 63 755.1 67.1 107.1#
 95 355.3 11.5 51.5#



#15
 Benzyl Alcohol
 Concen: 1.560 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.10 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

Tgt Ion: 79 Resp: 8017
 Ion Ratio Lower Upper
 79 100
 108 33.8 57.2 85.8#
 77 121.6 46.1 69.1#

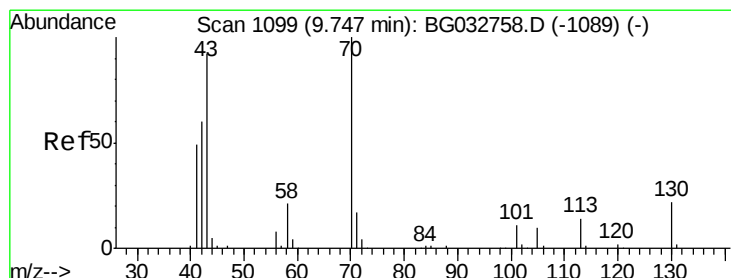
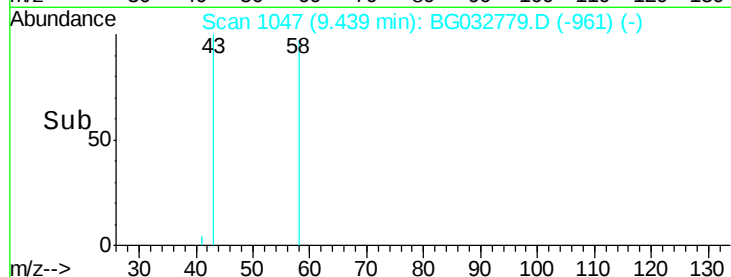
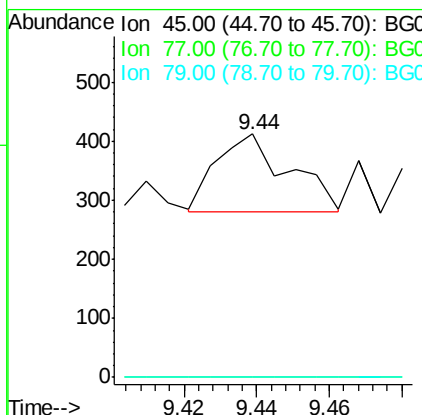
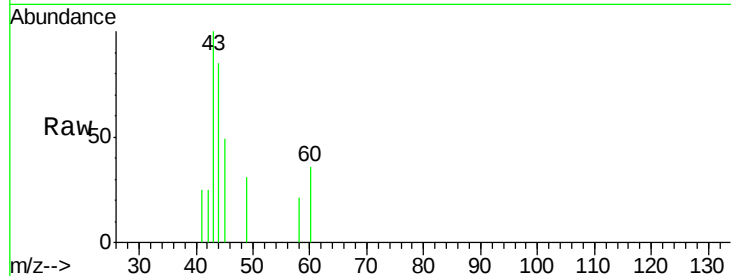




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.018 ng
RT: 9.44 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

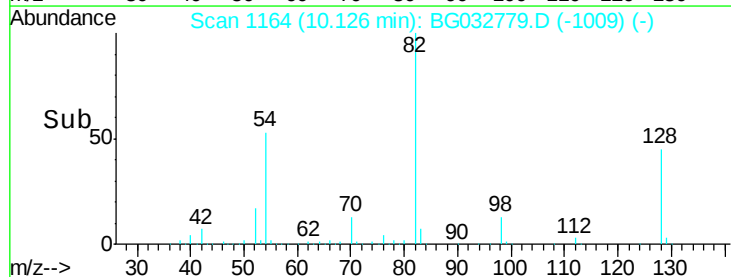
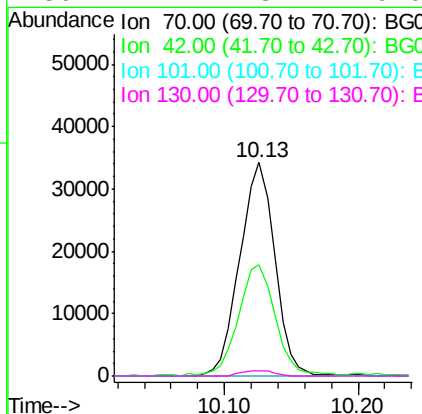
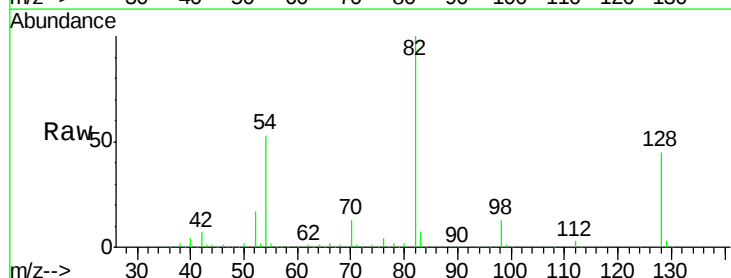
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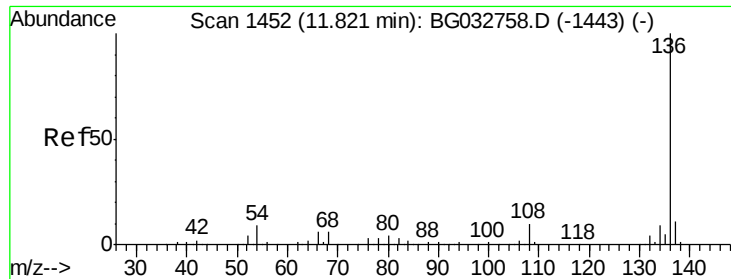
Tot Ion: 45 Resp: 180
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.605 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.38 min
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Tgt Ion: 70 Resp: 62199
Ion Ratio Lower Upper
70 100
42 52.2 49.1 73.7
101 0.0 8.5 12.7#
130 2.2 13.4 20.0#

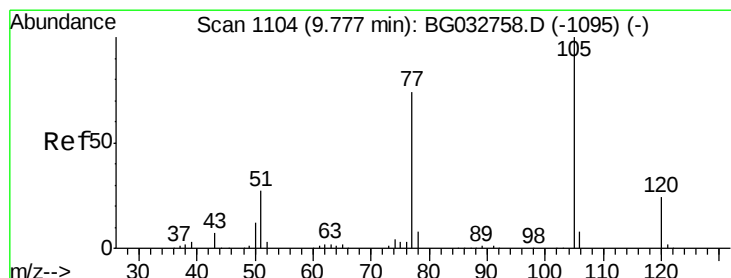
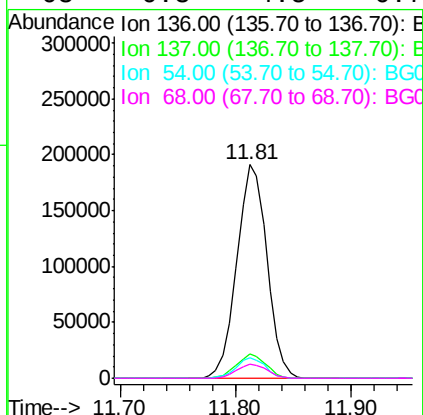
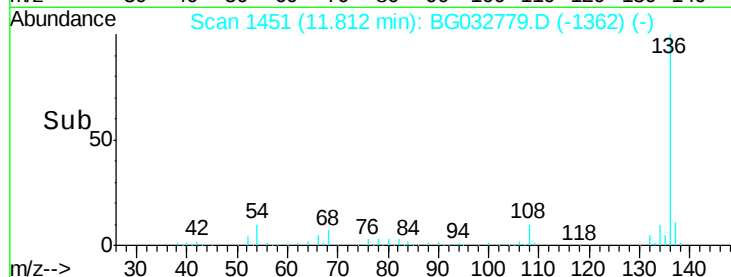
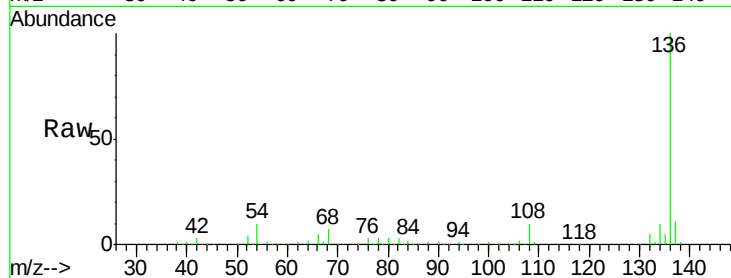




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

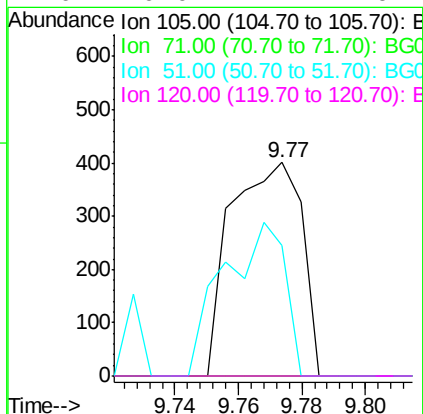
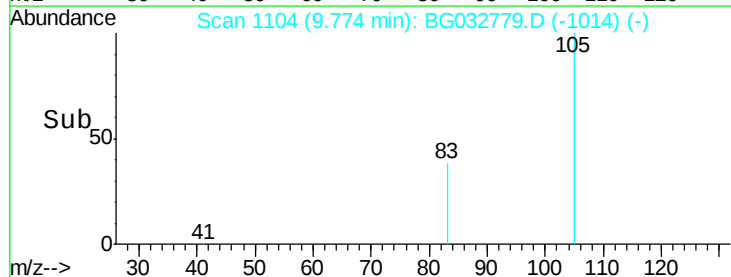
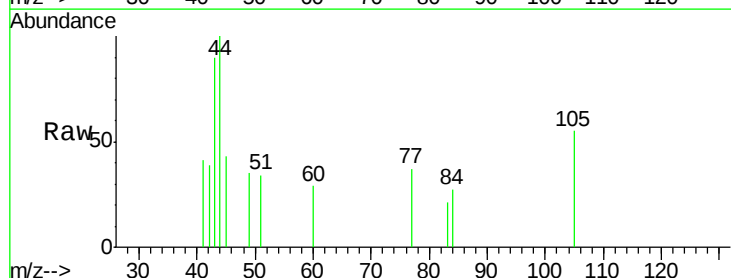
Instrument :
BNA_G
ClientSampled :
TP-1

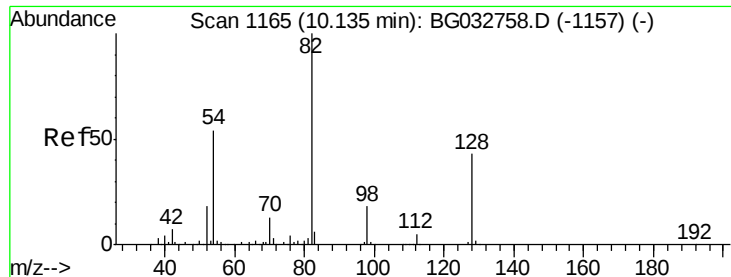
Tot Ion:136 Resp: 344465
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 9.6 10.3 15.5#
68 6.8 4.5 6.7#



#22
Acetophenone
Concen: 0.071 ng
RT: 9.77 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion:105 Resp: 619
Ion Ratio Lower Upper
105 100
71 0.0 3.0 4.4#
51 61.3 26.1 39.1#
120 0.0 17.4 26.2#

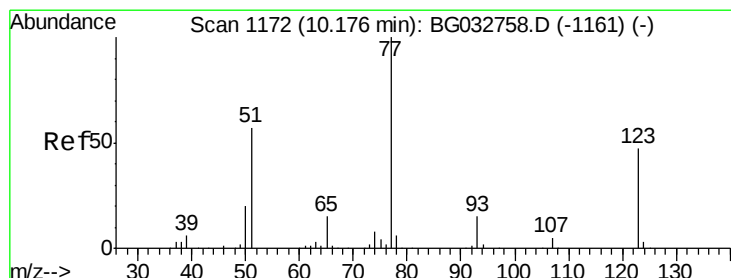
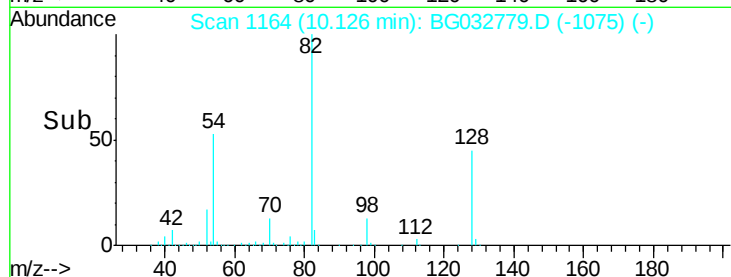
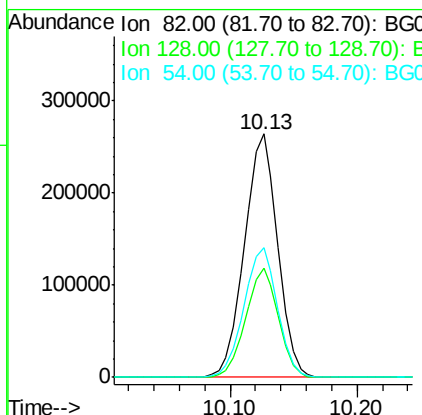
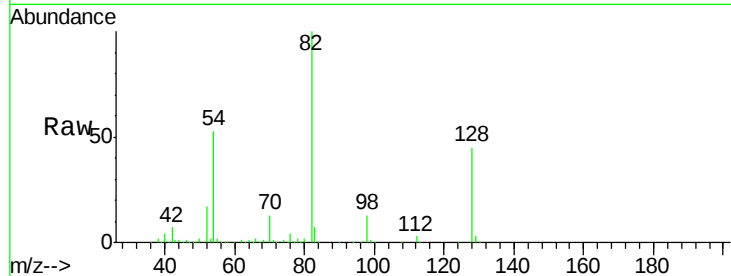




#23
Nitrobenzene-d5
Concen: 95.316 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

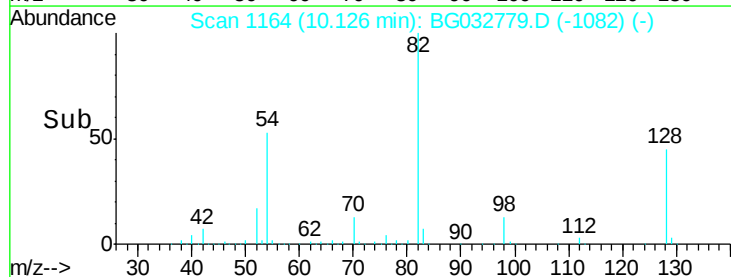
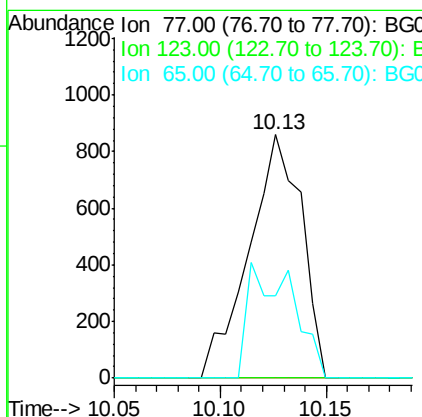
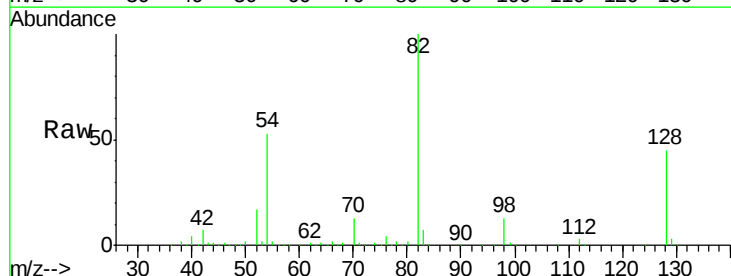
Instrument :
BNA_G
ClientSampleId :
TP-1

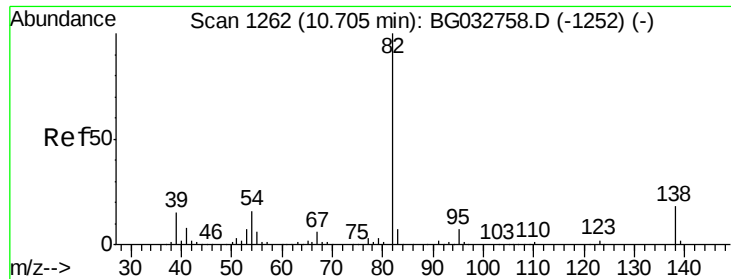
Tot Ion: 82 Resp: 479893
Ion Ratio Lower Upper
82 100
128 44.6 29.7 44.5#
54 53.4 43.1 64.7



#24
Nitrobenzene
Concen: 6.616 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.05 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion: 77 Resp: 1490
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 33.8 13.0 19.6#





#25

Isophorone

Concen: 0.005 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.10 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TP-1

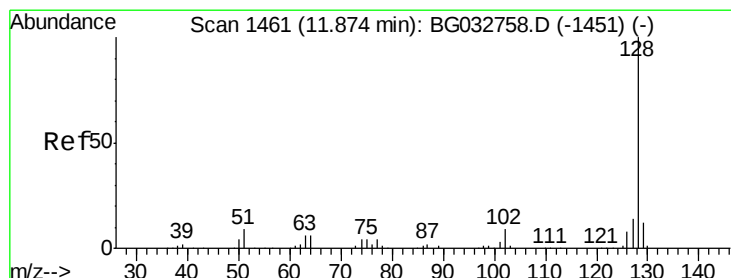
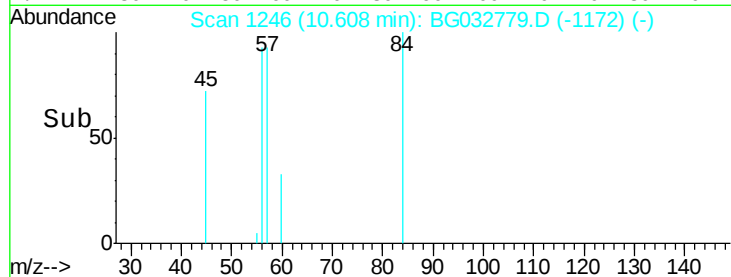
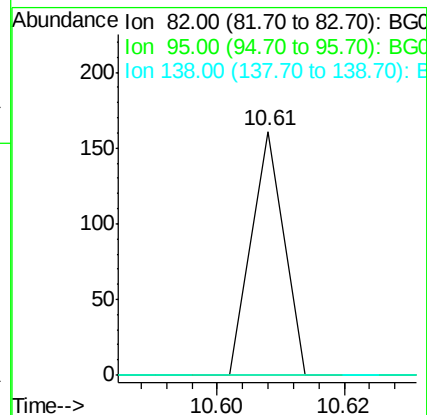
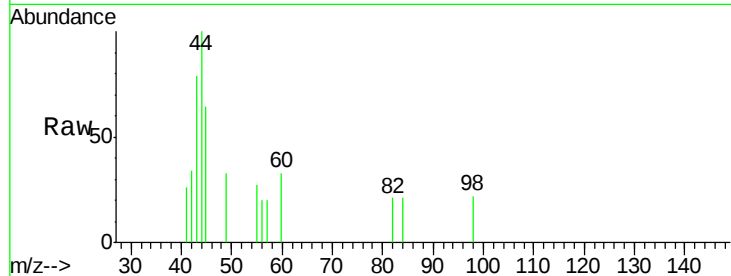
Tot Ion: 82 Resp: 57

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



#31

Naphthalene

Concen: 0.087 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

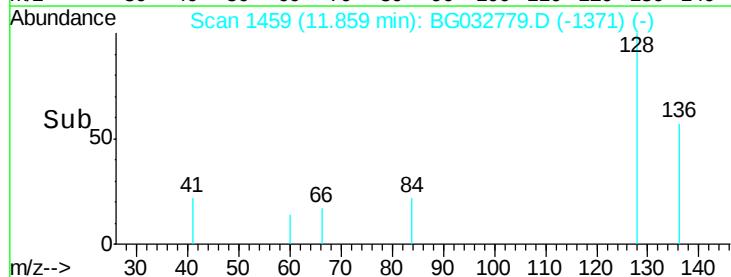
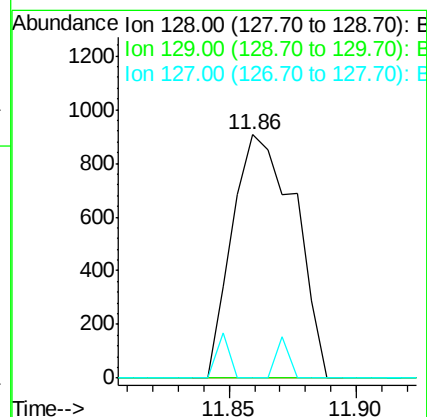
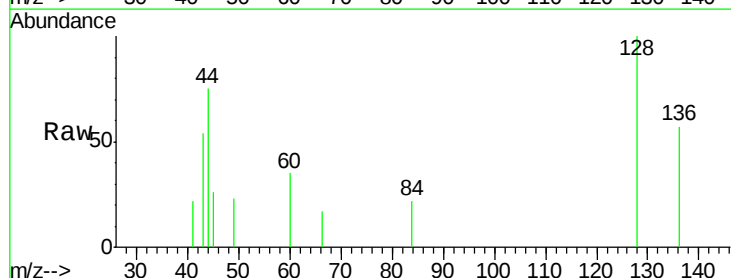
Tgt Ion: 128 Resp: 1567

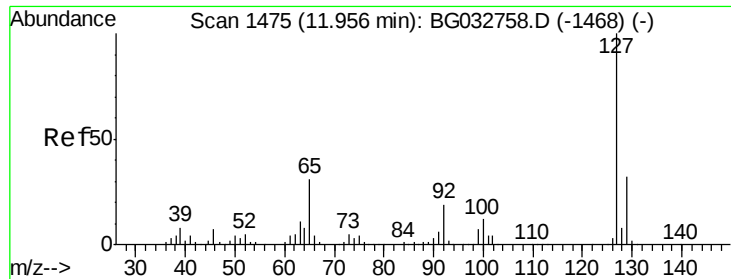
Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 11.6 17.4#

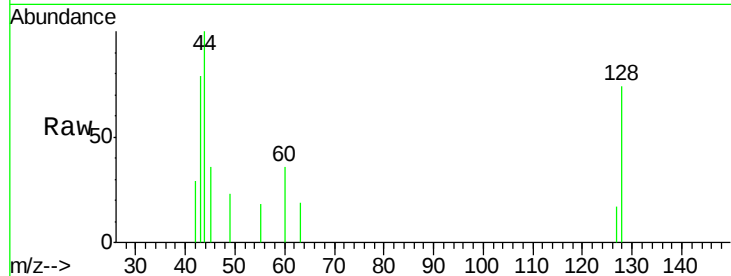




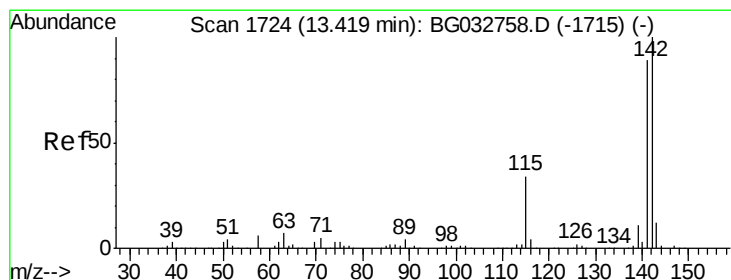
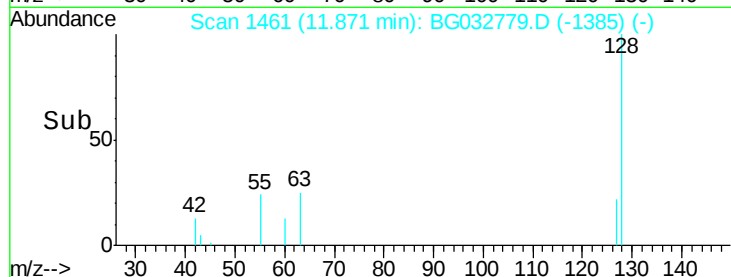
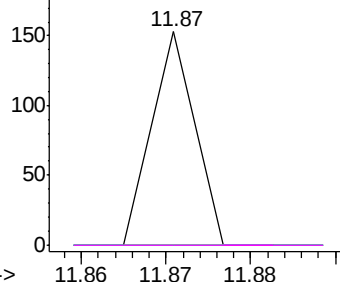
#33
4-Chloroaniline
Concen: 0.007 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.09 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:	127	Resp:	54
Ion	Ratio	Lower	Upper
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

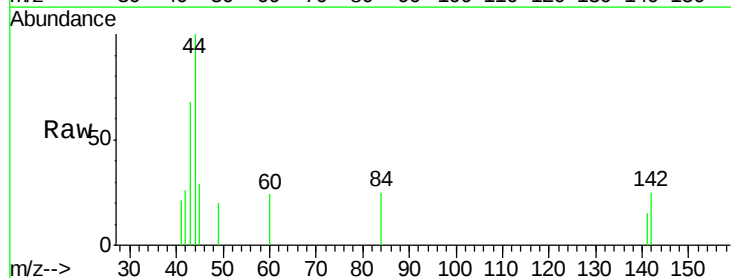


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

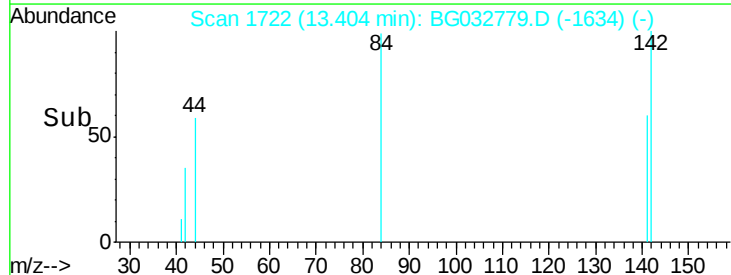
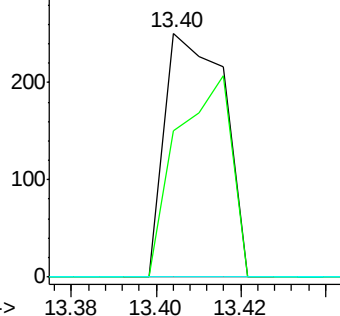


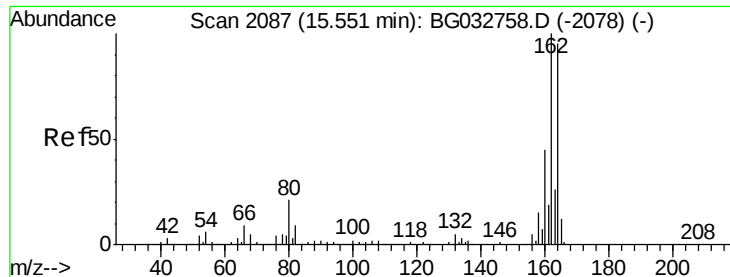
#37
2-Methylnaphthalene
Concen: 0.019 ng
RT: 13.40 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion:	142	Resp:	245
Ion	Ratio	Lower	Upper
142	100		
141	59.8	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: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TP-1

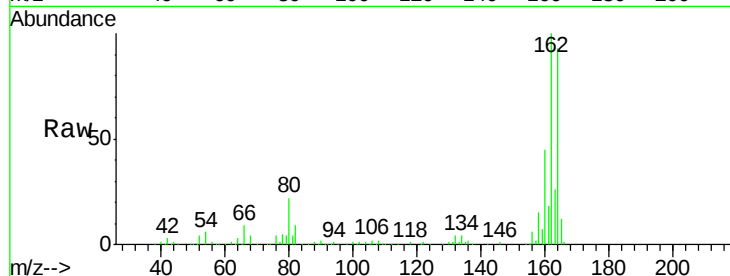
Tot Ion:164 Resp: 192024

Ion Ratio Lower Upper

164 100

162 108.1 78.8 118.2

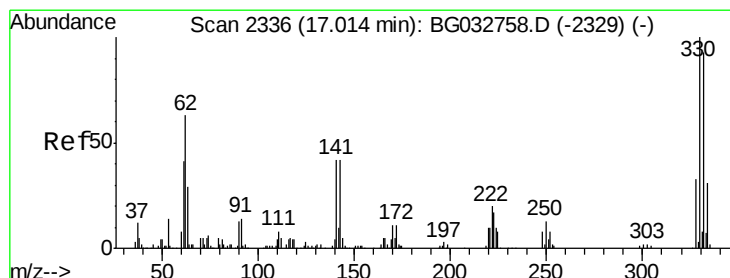
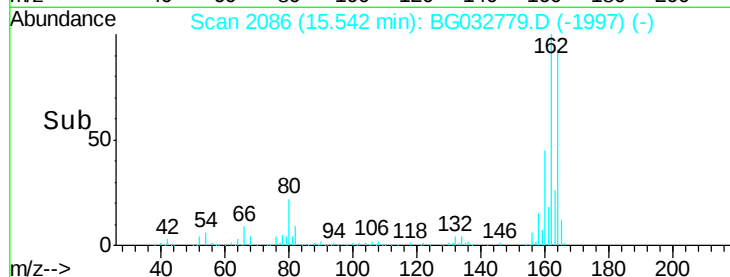
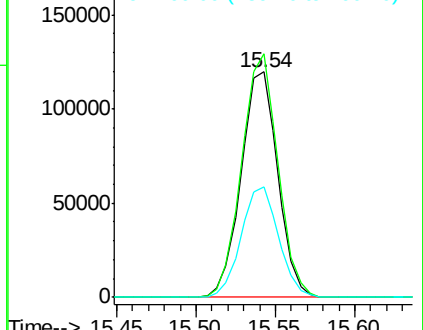
160 49.1 35.4 53.0



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: 136.322 ng

RT: 17.01 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

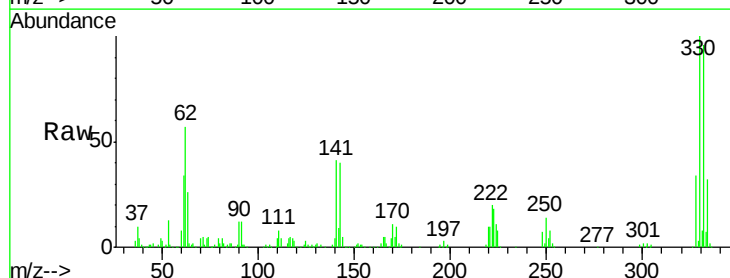
Tgt Ion:330 Resp: 275244

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

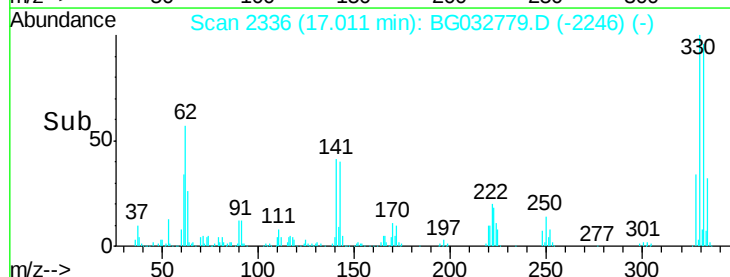
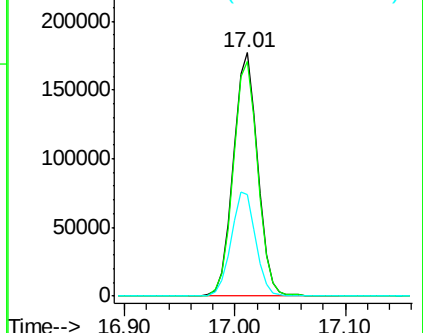
141 43.0 25.2 37.8#

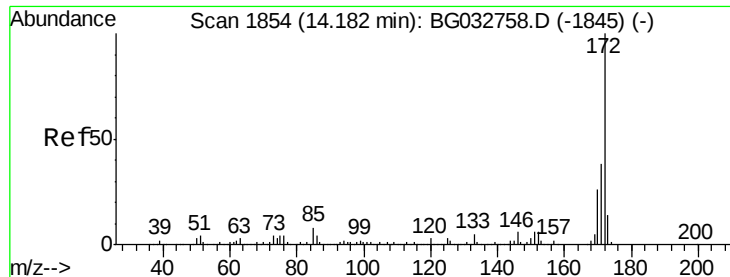


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



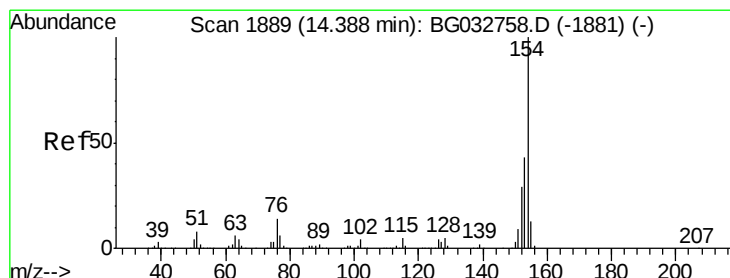
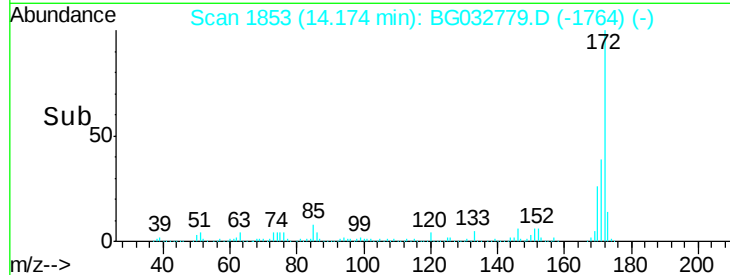
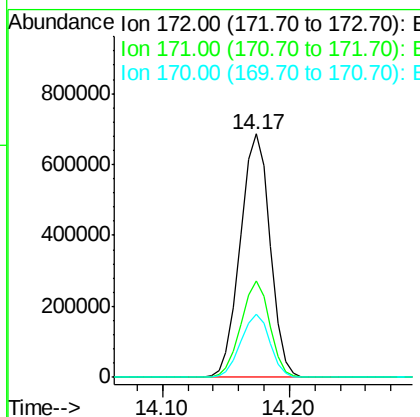
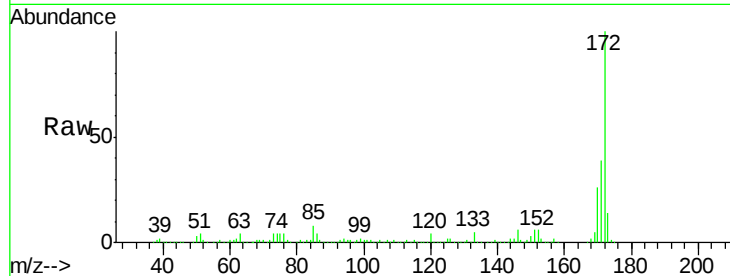


#44
 2-Fluorobiphenyl
 Concen: 83.908 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tot Ion:172 Resp: 1117172

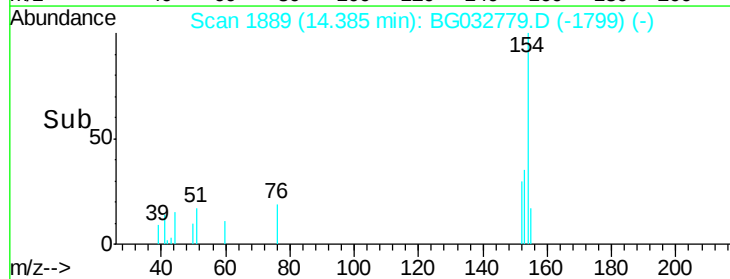
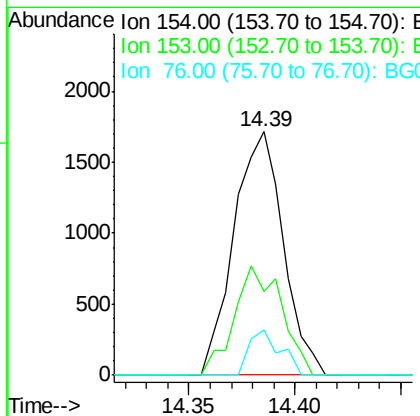
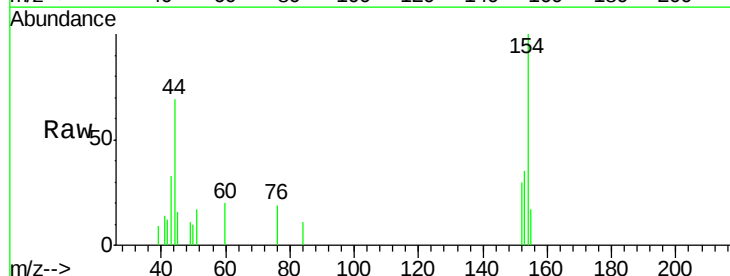
Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	25.8	19.5	29.3

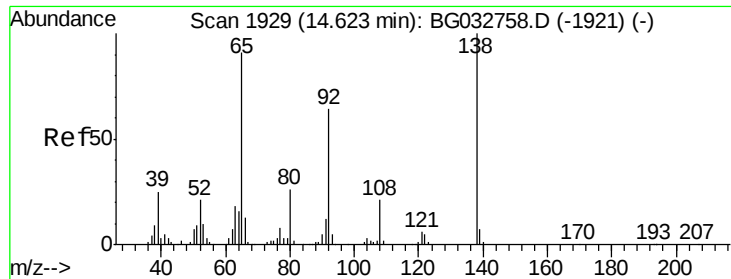


#45
 1,1'-Biphenyl
 Concen: 0.166 ng
 RT: 14.39 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

Tgt Ion:154 Resp: 2780

Ion	Ratio	Lower	Upper
154	100		
153	34.6	19.8	59.8
76	18.8	0.0	31.9

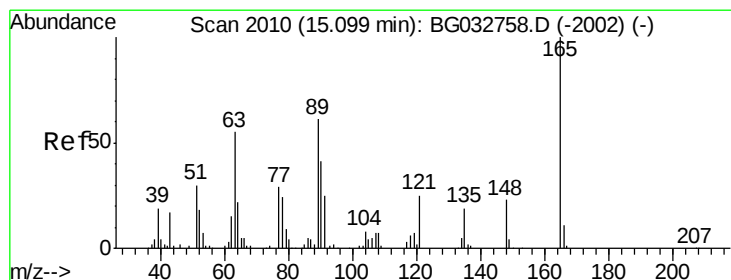
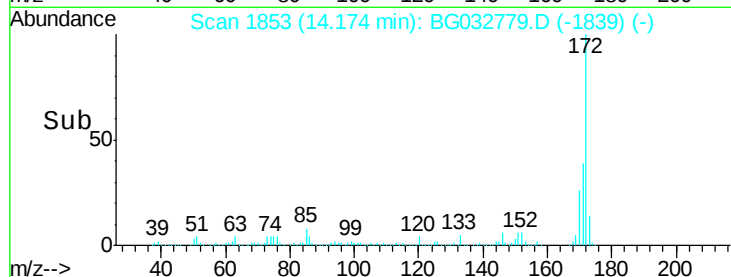
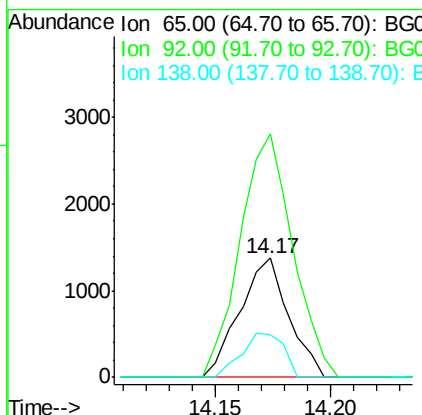
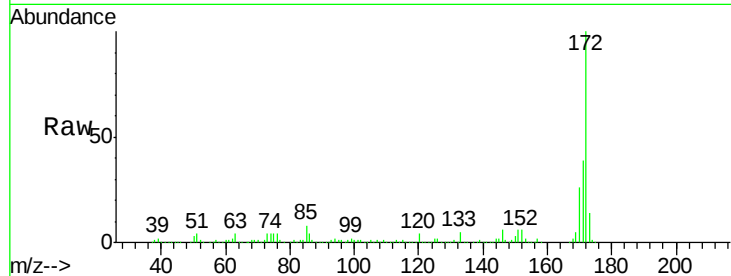




#47
2-Nitroaniline
Concen: 10.345 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.45 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

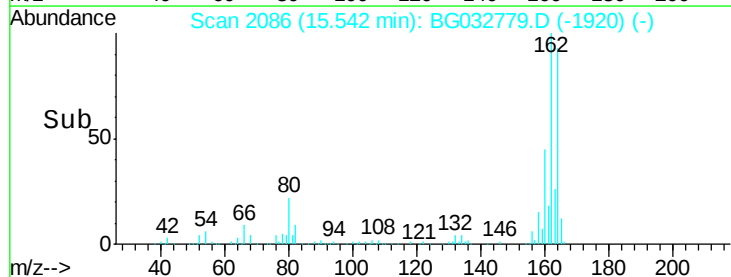
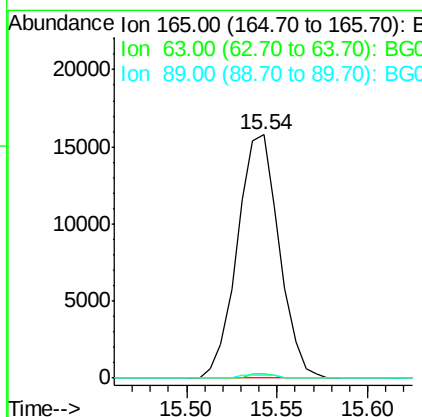
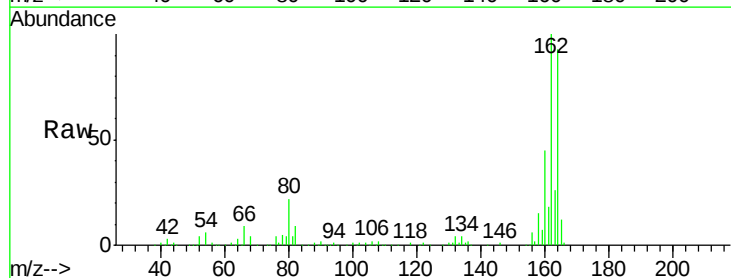
Instrument :
BNA_G
ClientSampled :
TP-1

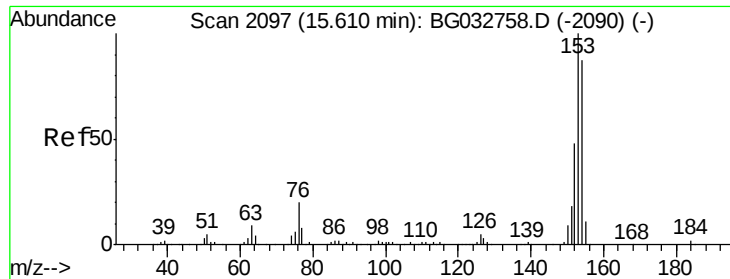
Tot Ion: 65 Resp: 2025
Ion Ratio Lower Upper
65 100
92 204.3 54.6 82.0#
138 35.4 72.9 109.3#



#50
2,6-Dinitrotoluene
Concen: 16.506 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.44 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion:165 Resp: 25203
Ion Ratio Lower Upper
165 100
63 1.6 52.7 79.1#
89 1.3 49.2 73.8#





#51

Acenaphthene

Concen: 0.004 ng

RT: 15.60 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TP-1

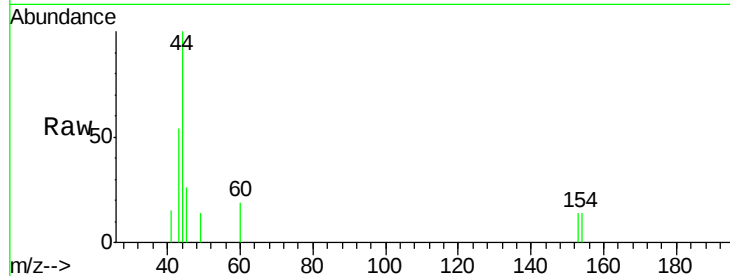
Tot Ion:154 Resp: 55

Ion Ratio Lower Upper

154 100

153 102.6 90.4 135.6

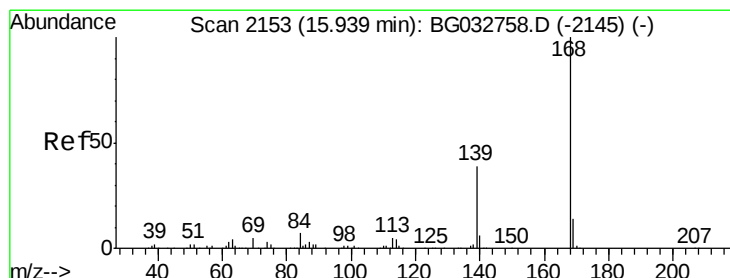
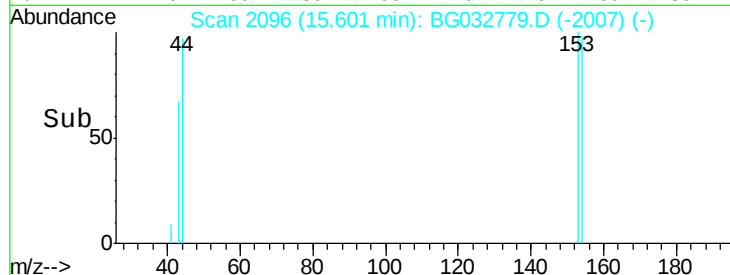
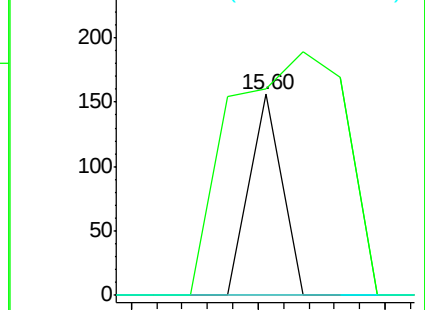
152 0.0 41.6 62.4#



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



#54

Dibenzofuran

Concen: 0.010 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

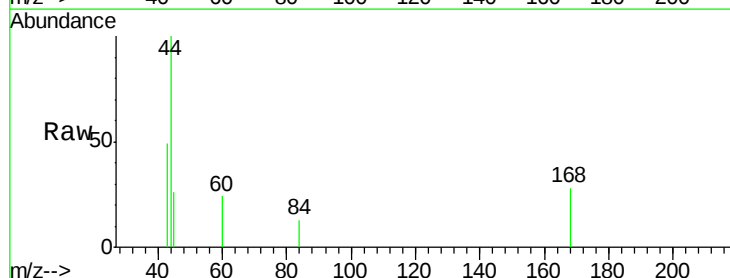
Tgt Ion:168 Resp: 187

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

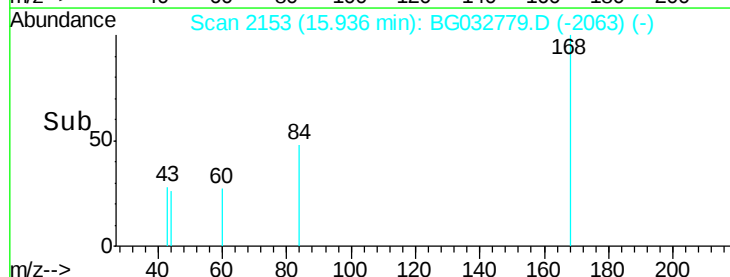
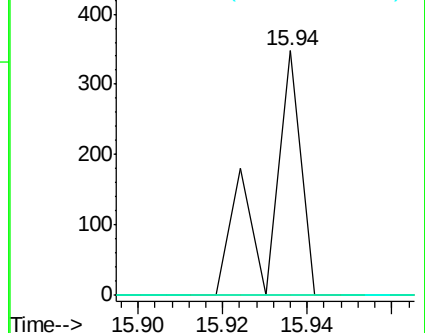
169 0.0 11.2 16.8#

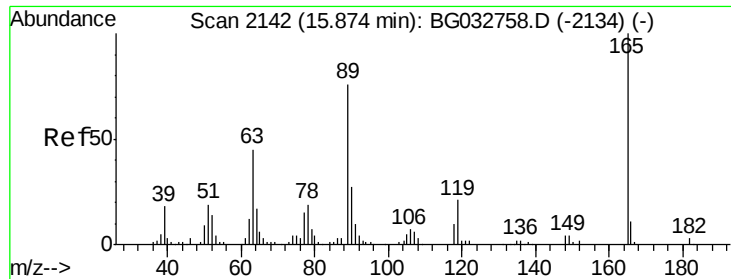


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

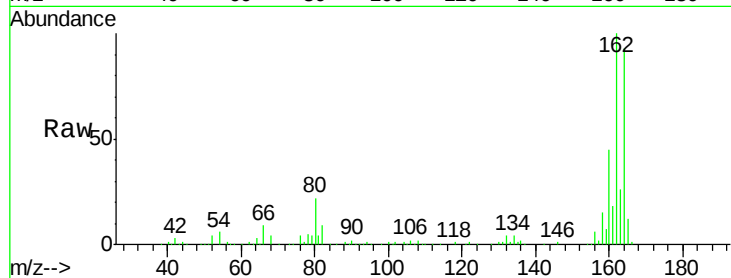




#56
2,4-Dinitrotoluene
Concen: 14.704 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.33 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.0	63.0#
89	1.3	66.9	100.3#
182	0.0	2.6	3.8#



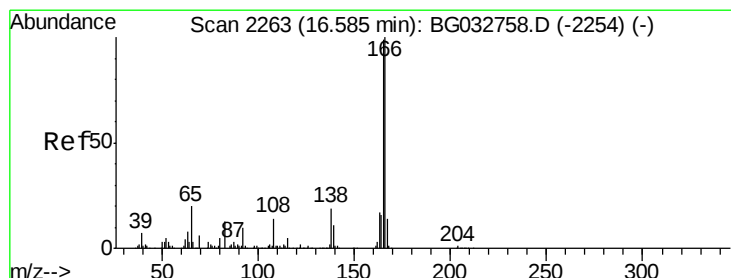
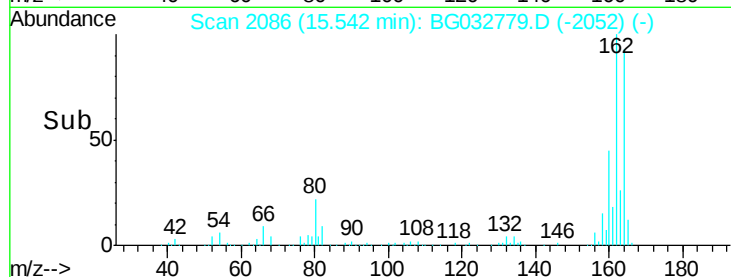
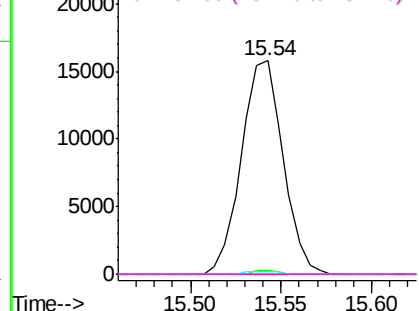
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

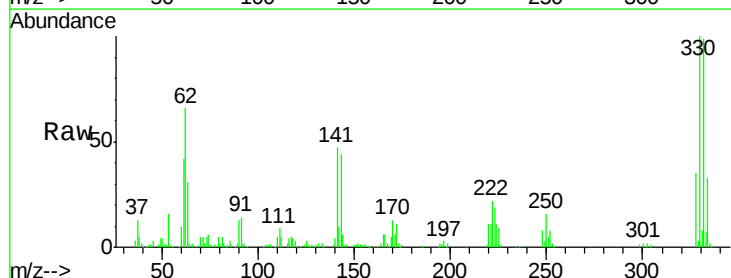
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 0.918 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.42 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.0	80.6	121.0
167	34.9	10.4	15.6#

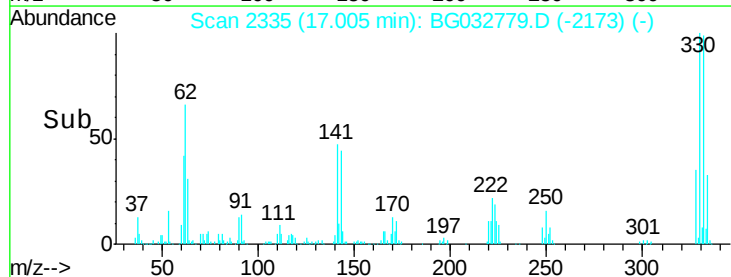
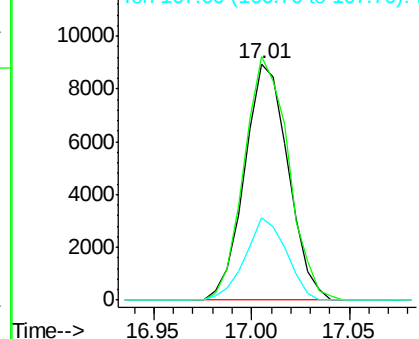


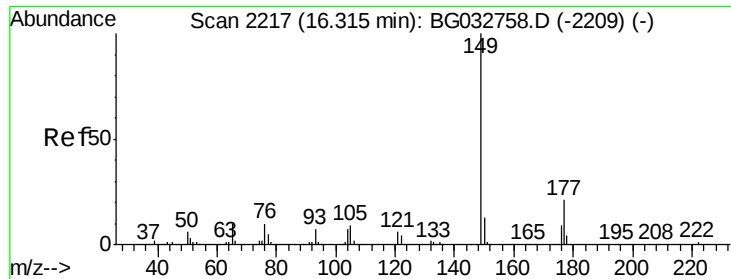
Abundance

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

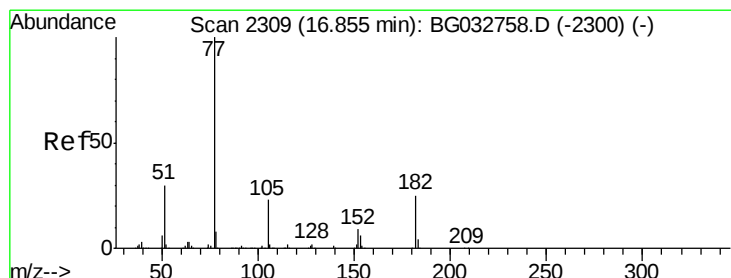
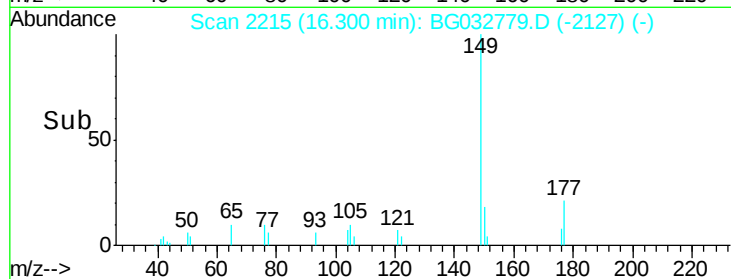
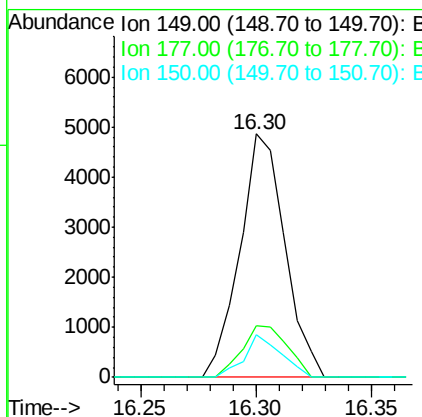
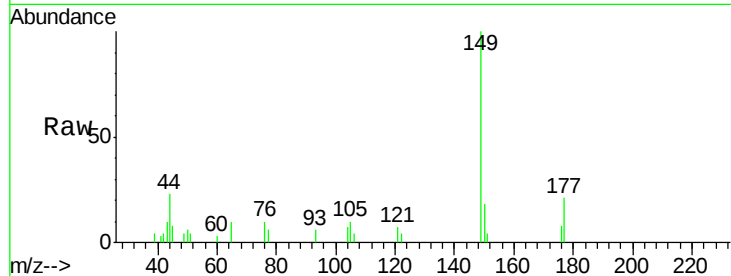




#59
Diethylphthalate
Concen: 0.384 ng
RT: 16.30 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

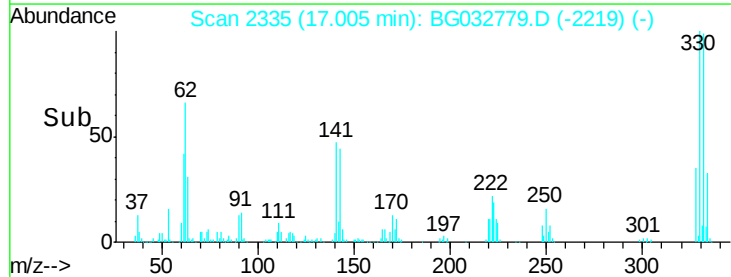
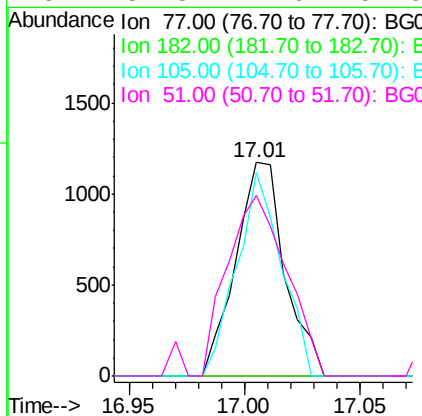
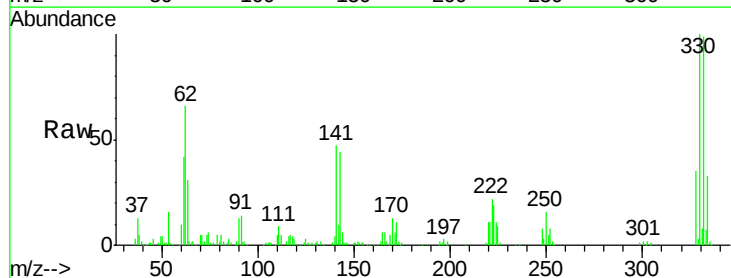
Instrument :
BNA_G
ClientSampled :
TP-1

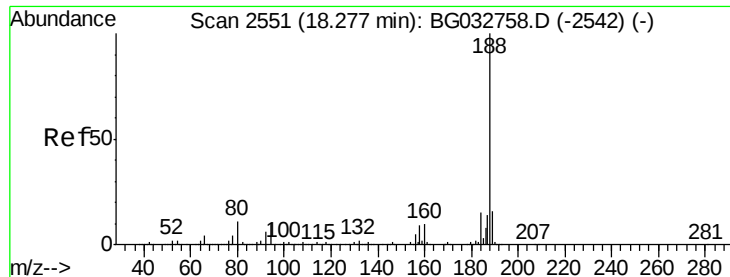
Tot Ion:149 Resp: 6604
Ion Ratio Lower Upper
149 100
177 21.0 18.5 27.7
150 17.6 10.2 15.2#



#62
Azobenzene
Concen: 0.113 ng
RT: 17.01 min Scan# 2335
Delta R.T. 0.15 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion: 77 Resp: 1743
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 95.1 0.3 40.3#
51 84.3 11.6 51.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TP-1

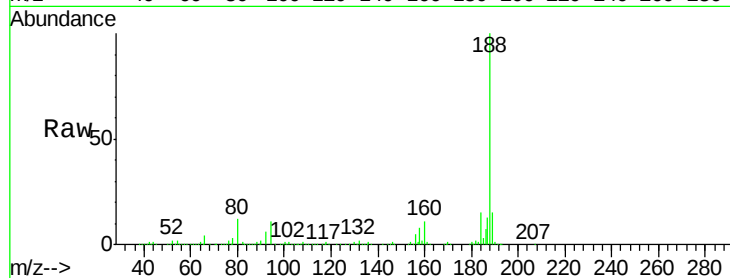
Tot Ion:188 Resp: 428726

Ion Ratio Lower Upper

188 100

94 10.9 6.9 10.3#

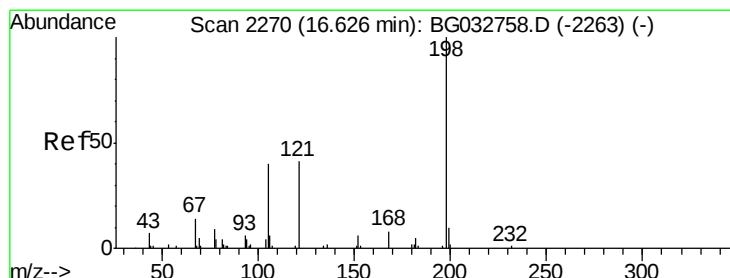
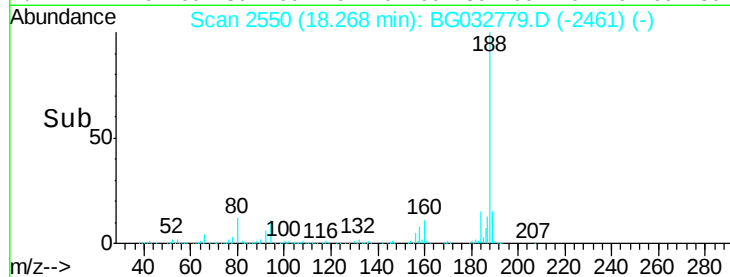
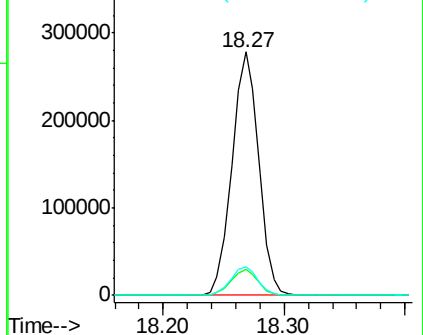
80 11.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 5.628 ng

RT: 17.01 min Scan# 2335

Delta R.T. 0.38 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

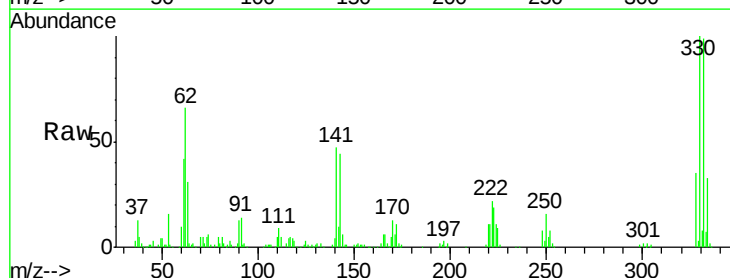
Tgt Ion:198 Resp: 685

Ion Ratio Lower Upper

198 100

51 183.8 30.6 70.6#

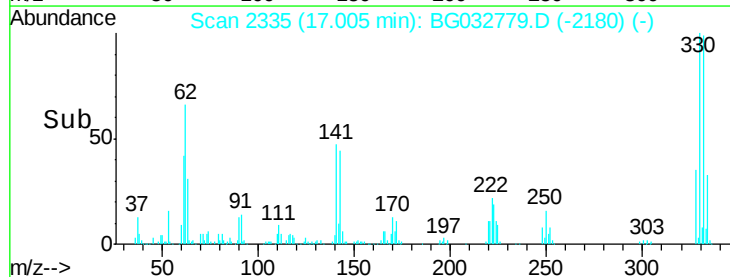
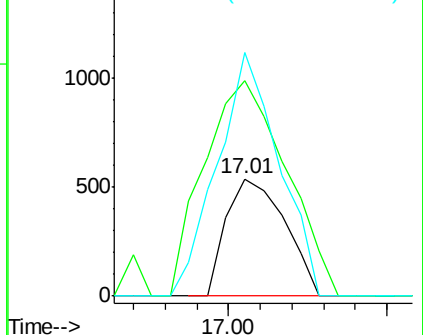
105 207.2 23.8 63.8#

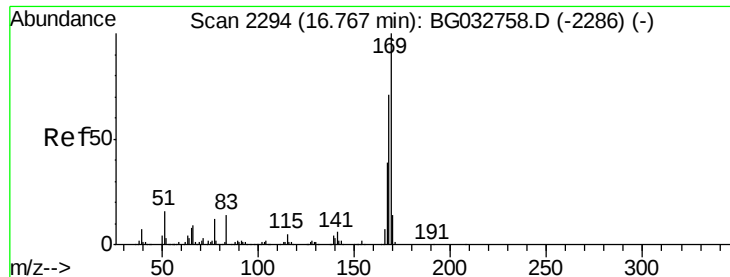


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

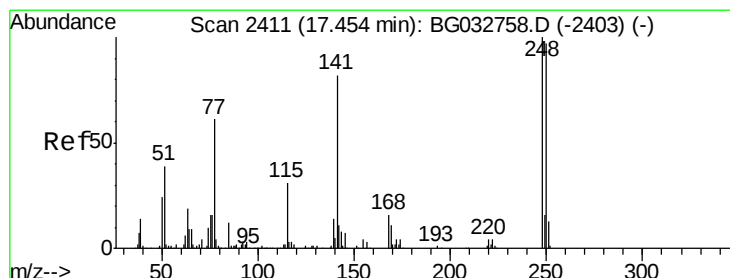
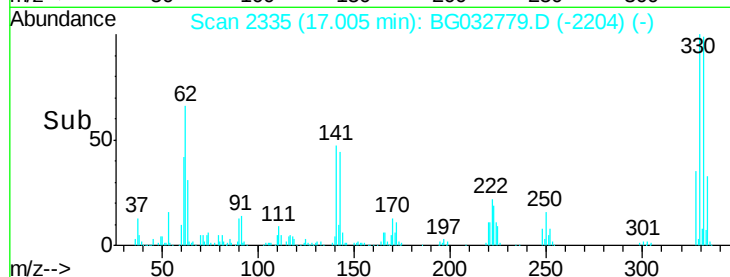
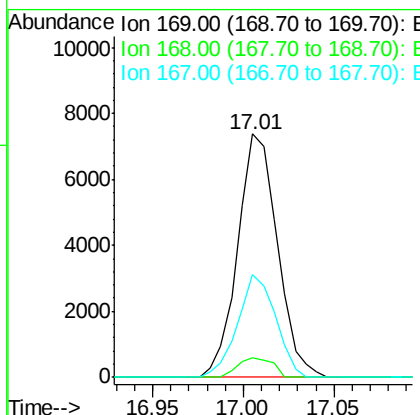
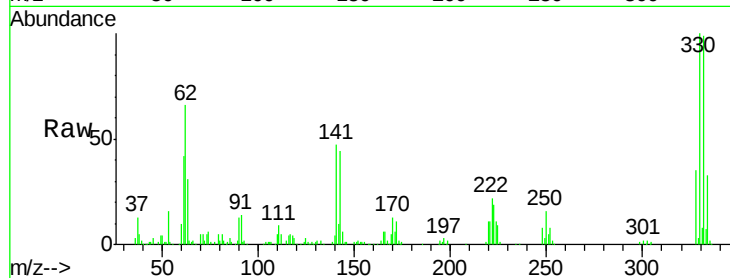




#65
 n-Nitrosodiphenylamine
 Concen: 0.807 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. 0.24 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

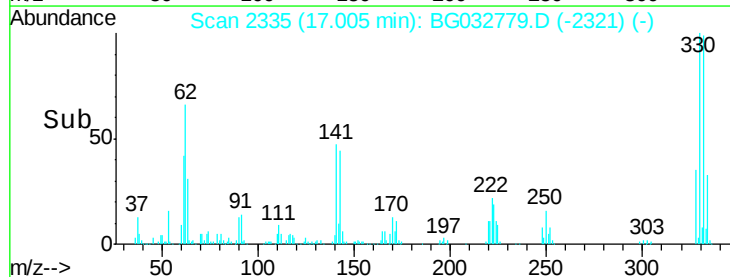
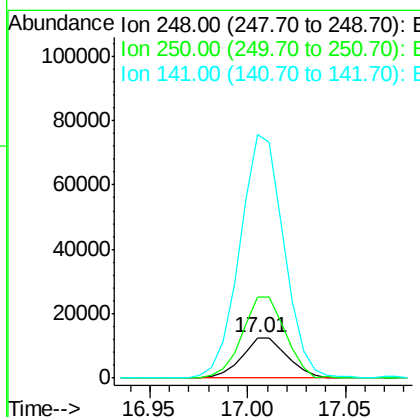
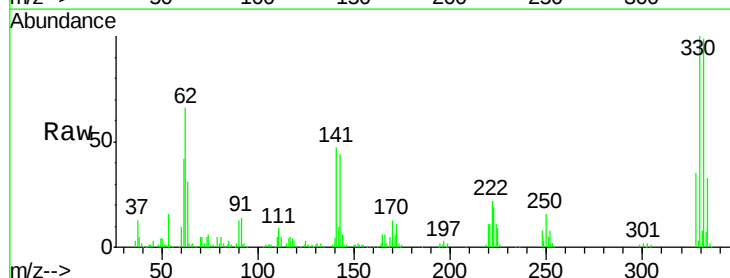
Instrument :
 BNA_G
 ClientSampled :
 TP-1

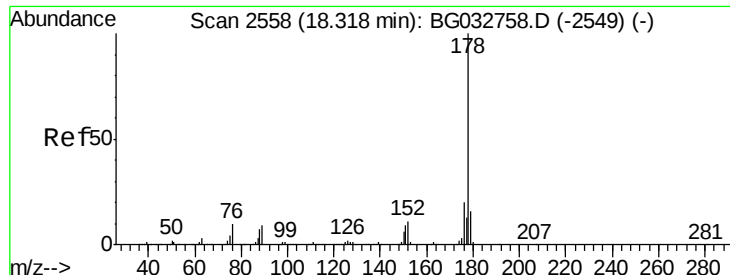
Tot Ion:169 Resp: 11260
 Ion Ratio Lower Upper
 169 100
 168 8.2 55.7 83.5#
 167 42.3 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 4.438 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.45 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

Tgt Ion:248 Resp: 20117
 Ion Ratio Lower Upper
 248 100
 250 201.3 77.1 115.7#
 141 604.0 50.8 76.2#





#70

Phenanthrene

Concen: 0.029 ng

RT: 18.32 min Scan# 2558

Delta R.T. -0.00 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampleId :

TP-1

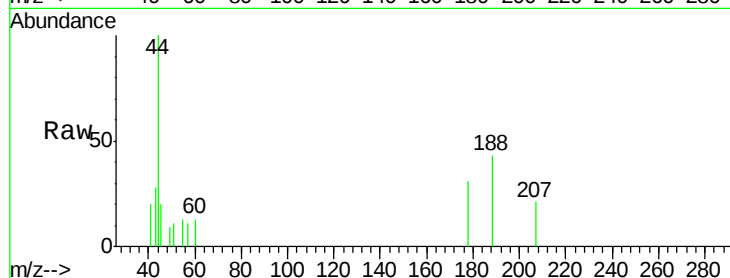
Tot Ion:178 Resp: 690

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

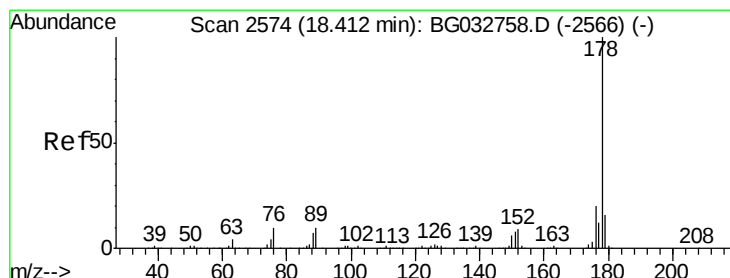
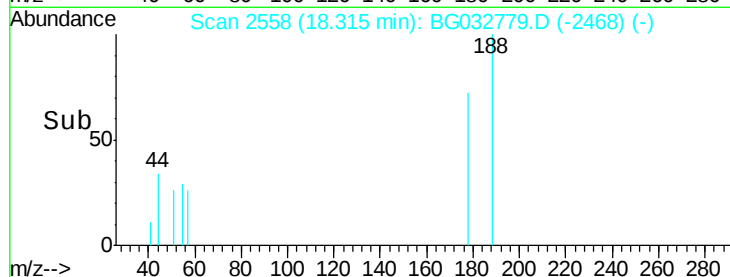
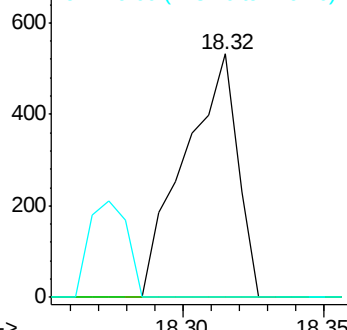
179 0.0 12.5 18.7#



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



#71

Anthracene

Concen: 0.029 ng

RT: 18.32 min Scan# 2558

Delta R.T. -0.10 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

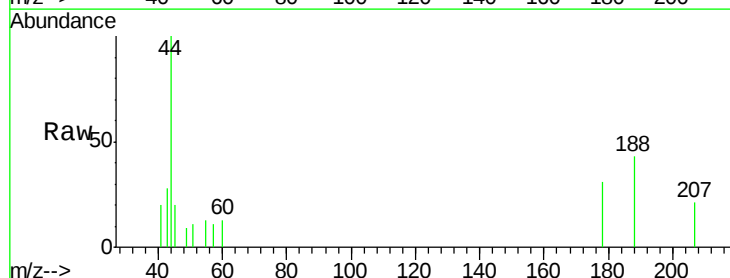
Tgt Ion:178 Resp: 690

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

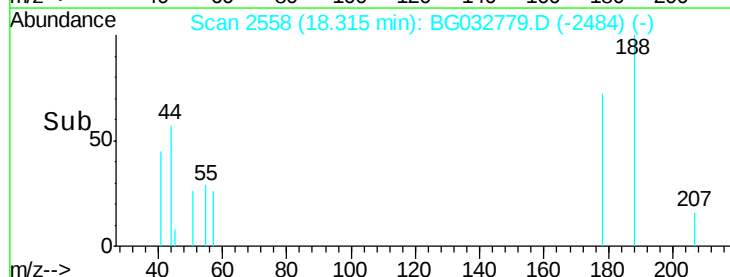
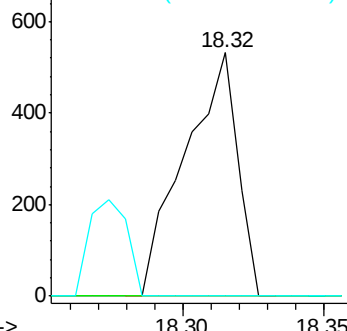
179 0.0 12.5 18.7#

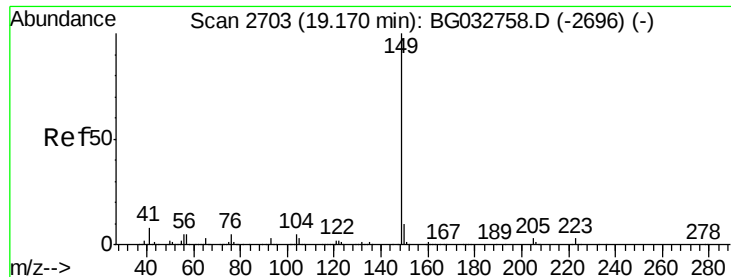


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

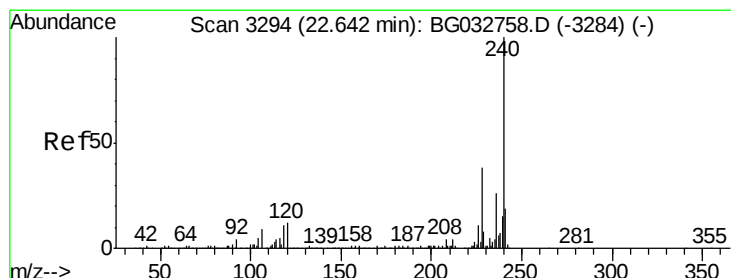
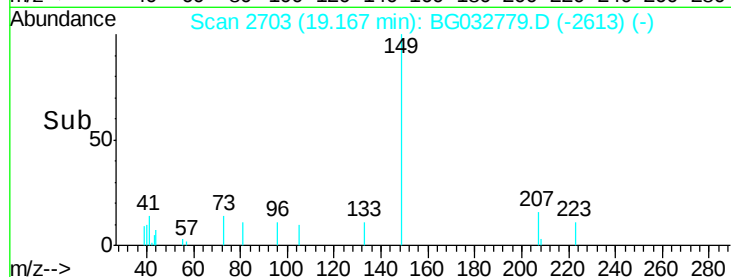
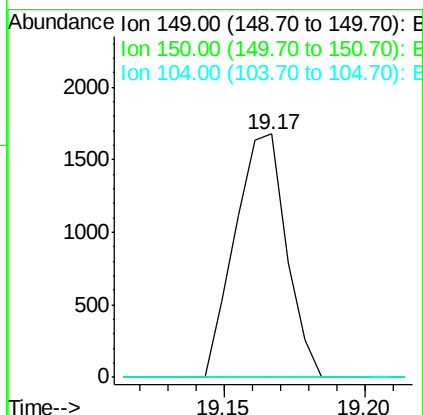
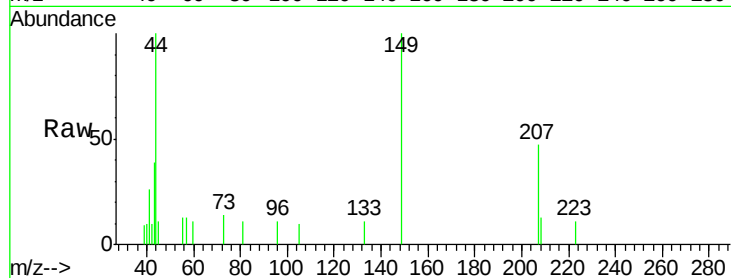




#73
Di-n-butylphthalate
Concen: 0.073 ng
RT: 19.17 min Scan# 2703
Delta R.T. -0.00 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

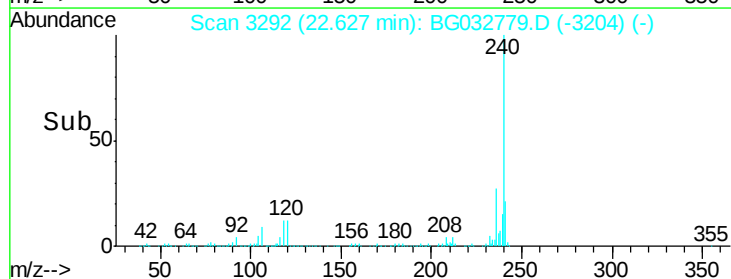
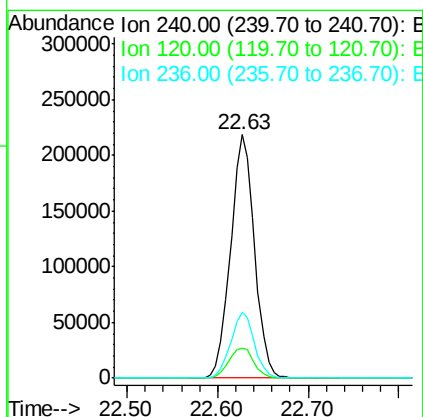
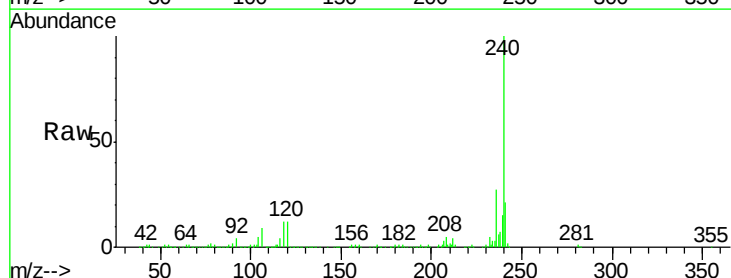
Instrument :
BNA_G
ClientSampleId :
TP-1

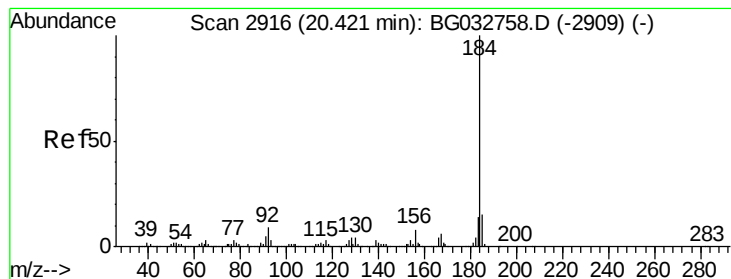
Tot Ion:149 Resp: 2112
Ion Ratio Lower Upper
149 100
150 0.0 7.8 11.6#
104 0.0 3.9 5.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.63 min Scan# 3292
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion:240 Resp: 401109
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 27.0 20.9 31.3





#76

Benzidine

Concen: 1.951 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.37 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampled :

TP-1

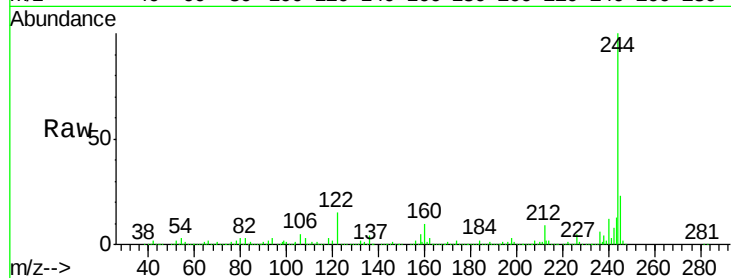
Tot Ion:184 Resp: 26680

Ion Ratio Lower Upper

184 100

185 16.3 11.1 16.7

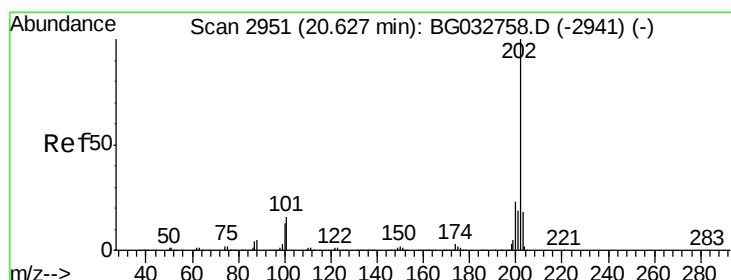
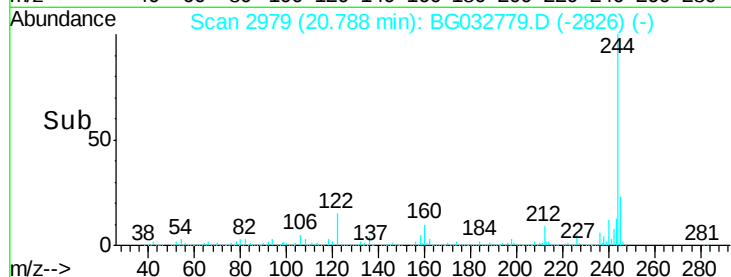
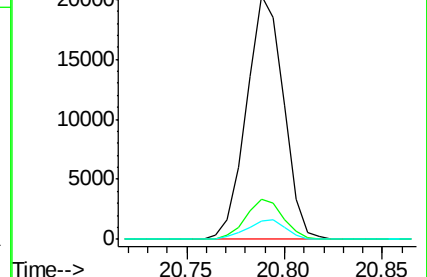
183 7.4 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.217 ng

RT: 20.79 min Scan# 2980

Delta R.T. 0.17 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

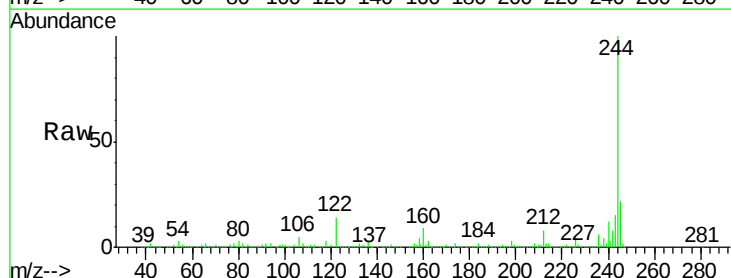
Tgt Ion:202 Resp: 6141

Ion Ratio Lower Upper

202 100

200 52.4 16.9 25.3#

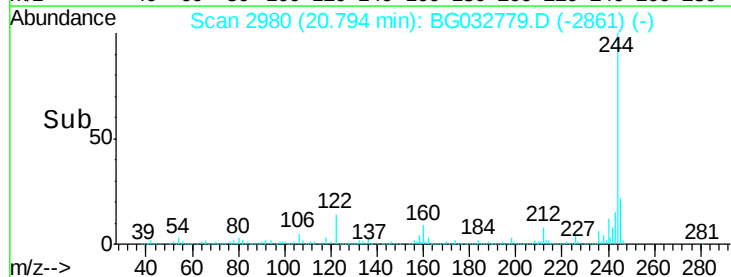
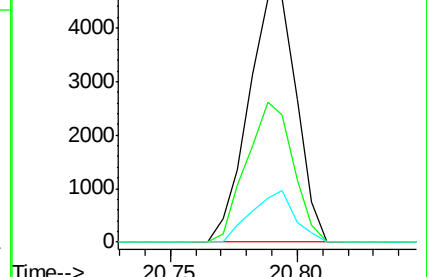
203 21.0 13.9 20.9#

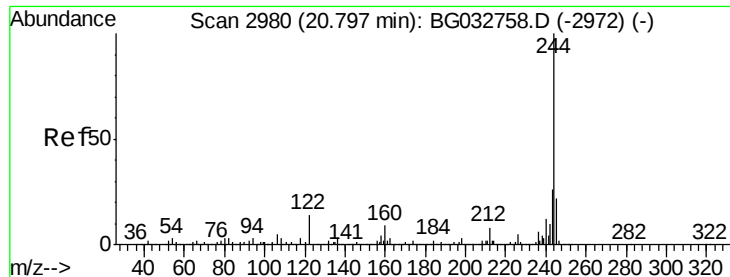


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.110 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

Instrument :

BNA_G

ClientSampled :

TP-1

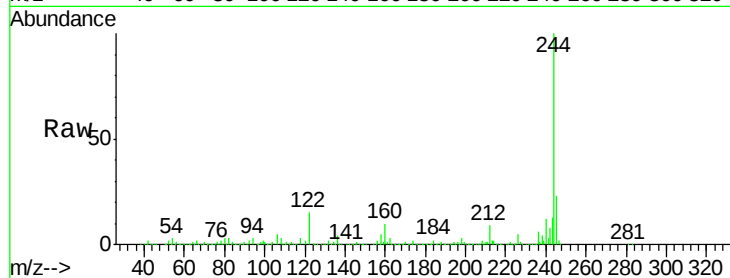
Tot Ion:244 Resp: 1573032

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

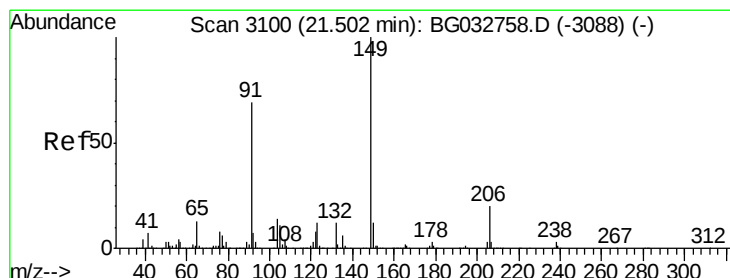
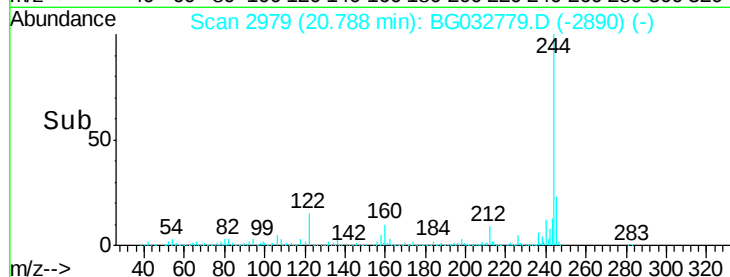
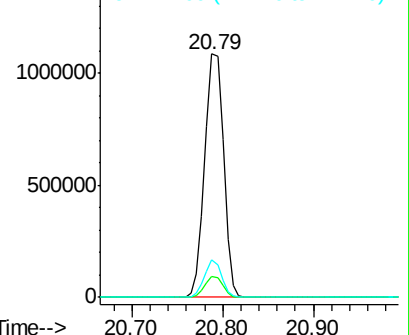
122 15.4 7.0 10.4#



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: 0.006 ng

RT: 21.48 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BG032779.D

Acq: 22 Feb 2018 4:46

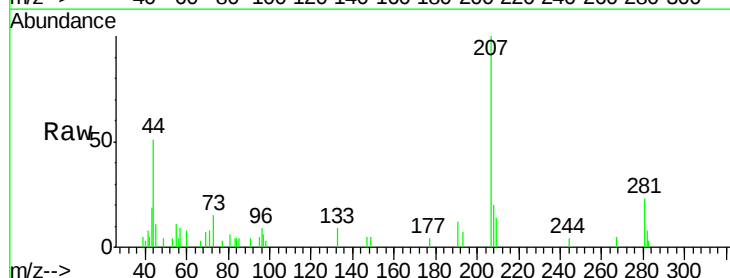
Tgt Ion:149 Resp: 75

Ion Ratio Lower Upper

149 100

91 92.1 62.2 93.2

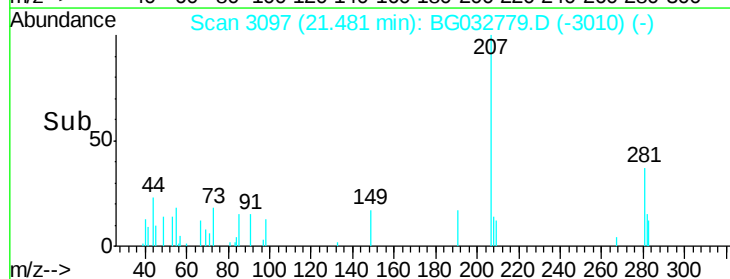
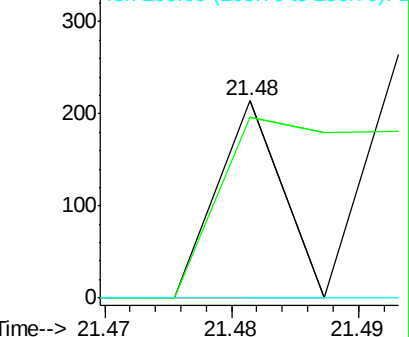
206 0.0 18.6 27.8#

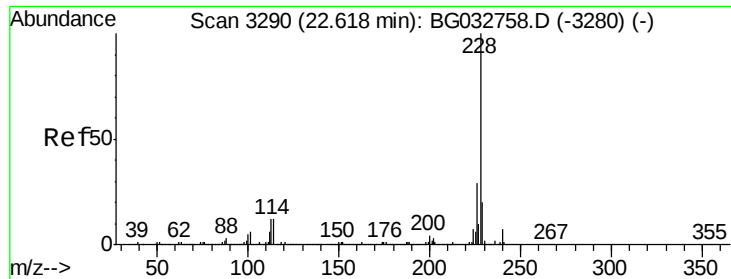


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

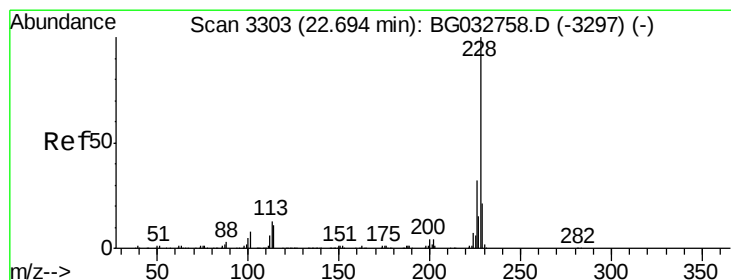
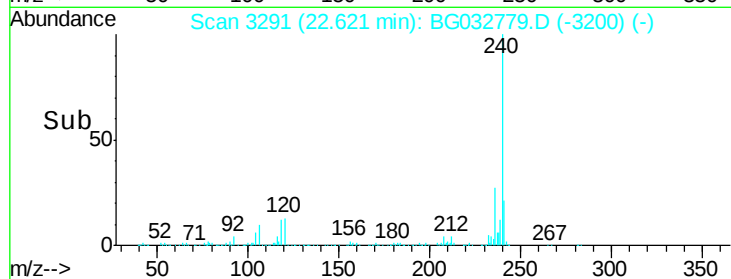
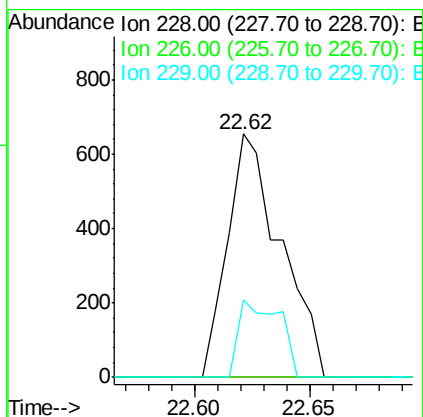
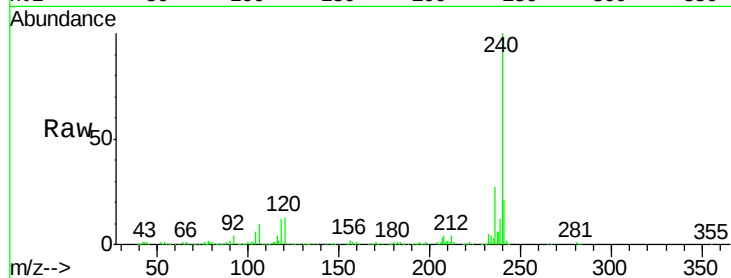




#80
Benzo(a)anthracene
Concen: 0.041 ng
RT: 22.62 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

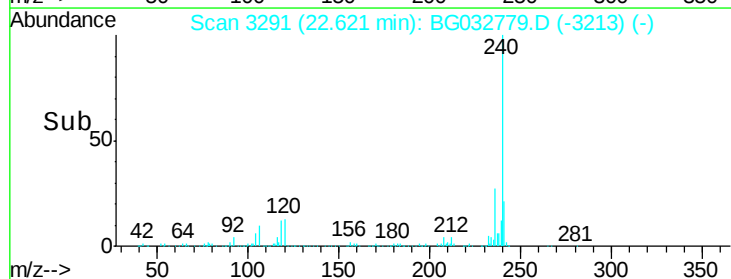
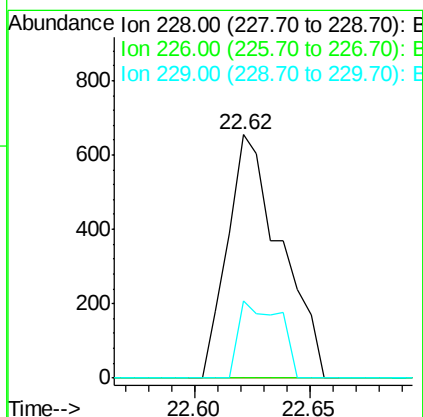
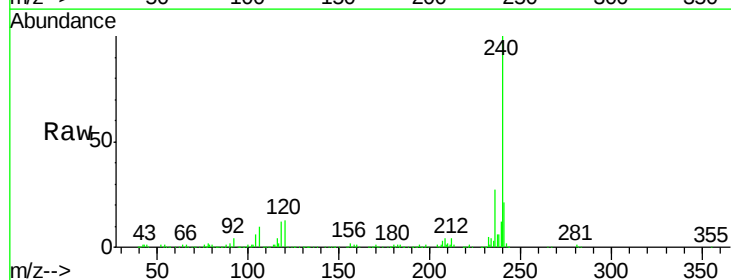
Instrument :
BNA_G
ClientSampleId :
TP-1

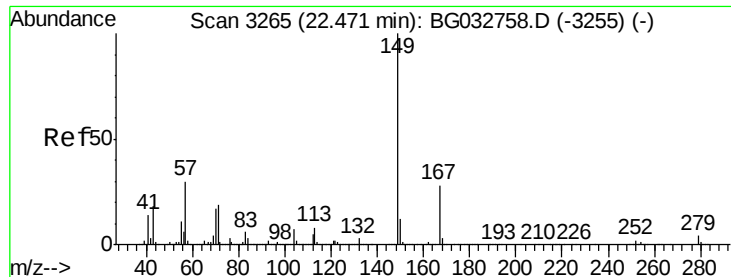
Tot Ion:228 Resp: 1050
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 31.6 16.2 24.2#



#82
Chrysene
Concen: 0.043 ng
RT: 22.62 min Scan# 3291
Delta R.T. -0.07 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion:228 Resp: 1050
Ion Ratio Lower Upper
228 100
226 0.0 24.9 37.3#
229 31.6 15.0 22.4#

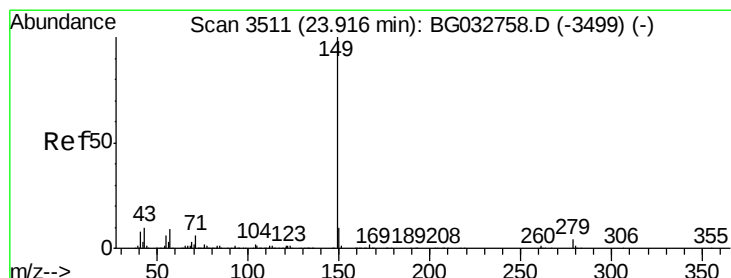
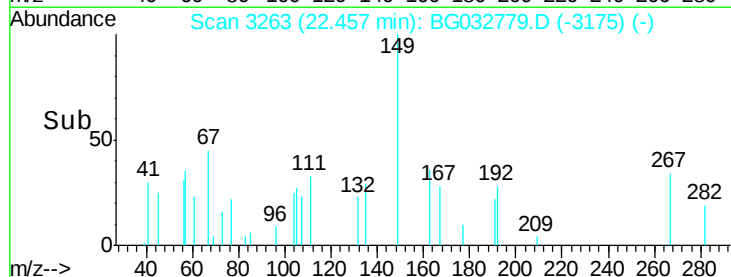
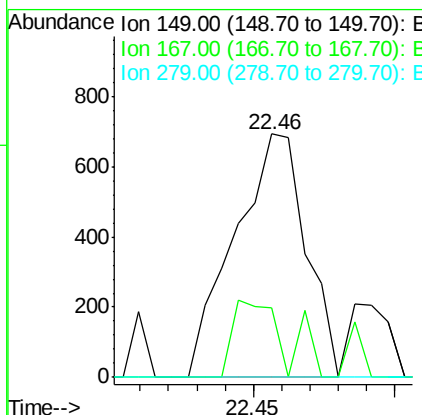
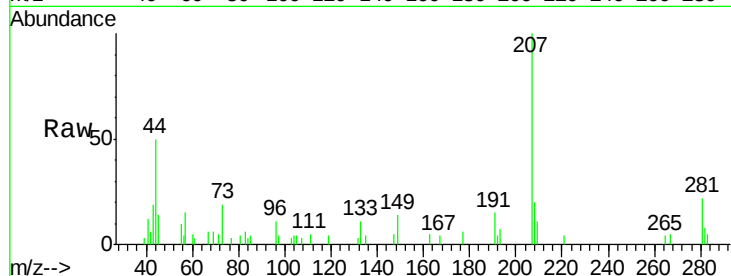




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.066 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

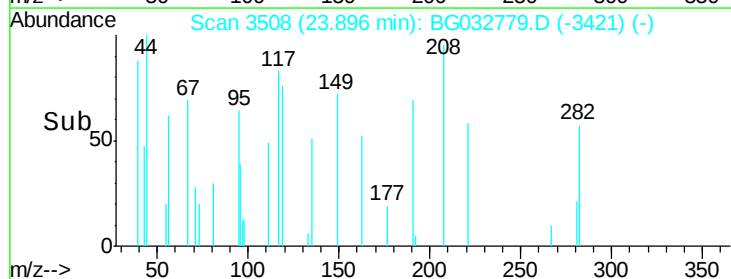
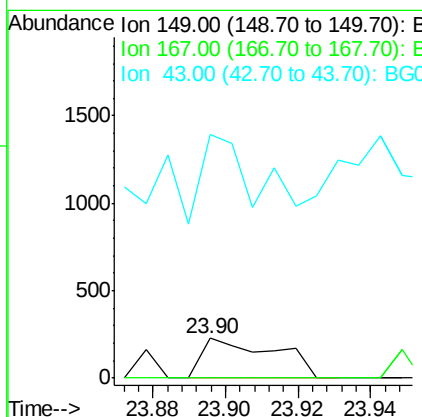
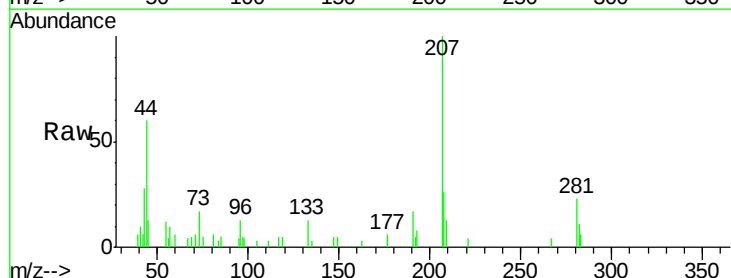
Instrument :
 BNA_G
 ClientSampleId :
 TP-1

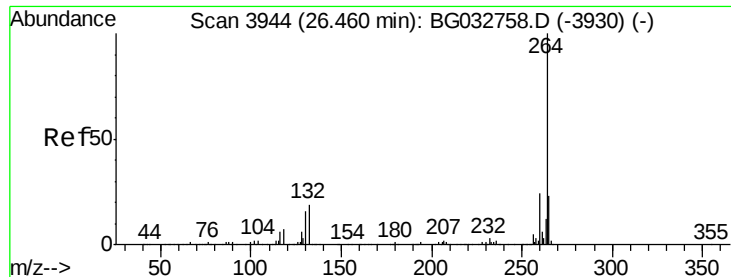
Tot Ion:149 Resp: 1216
 Ion Ratio Lower Upper
 149 100
 167 28.4 24.3 36.5
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 0.011 ng
 RT: 23.90 min Scan# 3508
 Delta R.T. -0.02 min
 Lab File: BG032779.D
 Acq: 22 Feb 2018 4:46

Tgt Ion:149 Resp: 313
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 134.2 8.9 13.3#

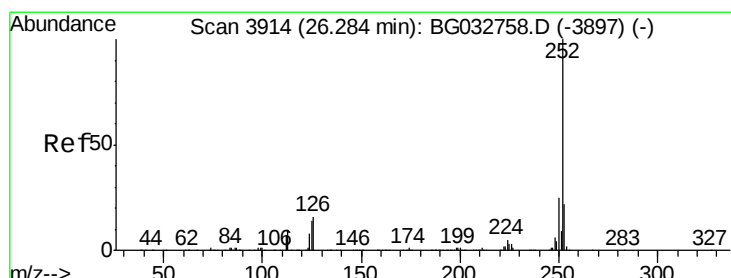
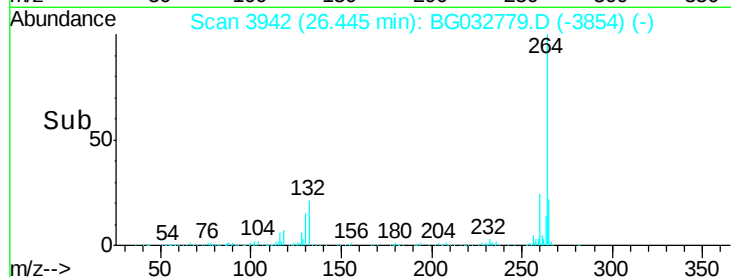
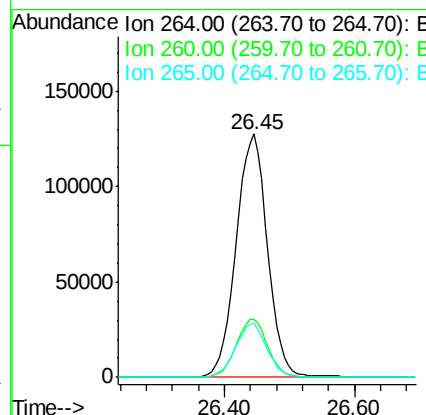
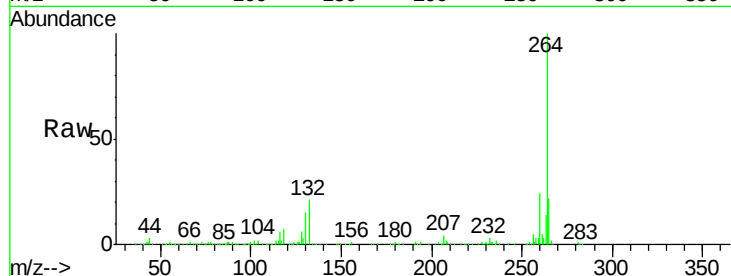




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.45 min Scan# 3942
Delta R.T. -0.01 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:264 Resp: 425639
Ion Ratio Lower Upper
264 100
260 23.7 17.4 26.0
265 22.1 17.7 26.5



#89
Benzo(a)pyrene
Concen: 0.060 ng
RT: 26.45 min Scan# 3942
Delta R.T. 0.16 min
Lab File: BG032779.D
Acq: 22 Feb 2018 4:46

Tgt Ion:252 Resp: 1437
Ion Ratio Lower Upper
252 100
253 42.8 18.3 27.5#
125 41.8 7.3 10.9#

