

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032765.D
 Acq On : 21 Feb 2018 18:26
 Operator : SJ/JU
 Sample : J1398-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022018

Quant Time: Feb 22 06:14:29 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	80369	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	344770	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	190833	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	419181	20.00	ng	0.00
75) Chrysene-d12	22.63	240	395331	20.00	ng	0.00
86) Perylene-d12	26.45	264	420220	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.34	112	634408	126.29	ng	0.00
7) Phenol-d6	8.02	99	749308	107.01	ng	0.00
23) Nitrobenzene-d5	10.13	82	525000	103.26	ng	0.00
41) 2,4,6-Tribromophenol	17.02	330	307533	153.27	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1180465	89.22	ng	0.00
78) Terphenyl-d14	20.79	244	1634668	92.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	9547	4.379	ng	# 1
3) Pyridine	4.37	79	62	0.010	ng	# 1
4) n-Nitrosodimethylamine	4.33	42	458	0.190	ng	# 1
6) Aniline	8.44	93	1044	0.110	ng	# 1
8) 2-Chlorophenol	8.47	128	54	0.010	ng	# 1
9) Benzaldehyde	8.02	77	1032	0.256	ng	# 18
10) Phenol	8.17	94	57	0.008	ng	# 37
11) bis(2-Chloroethyl)ether	8.44	93	1044	0.181	ng	# 1
15) Benzyl Alcohol	9.27	79	9074	1.763	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	9.45	45	62	0.006	ng	# 75
18) Hexachloroethane	10.16	117	53	0.024	ng	# 1
19) n-Nitroso-di-n-propylamine	10.13	70	69984	14.157	ng	# 78
22) Acetophenone	9.77	105	974	0.112	ng	# 63
24) Nitrobenzene	10.18	77	54	6.389	ng	# 42
25) Isophorone	10.95	82	61	0.005	ng	# 69
27) 2,4-Dimethylphenol	10.94	122	414	0.079	ng	# 1
28) bis(2-Chloroethoxy)methane	11.52	93	55	0.008	ng	# 51
31) Naphthalene	11.87	128	50238	2.789	ng	# 99
32) Benzoic acid	10.94	122	414	5.969	ng	# 54
33) 4-Chloroaniline	11.87	127	6856	0.851	ng	# 32
37) 2-Methylnaphthalene	13.42	142	8732	0.670	ng	# 94
45) 1,1'-Biphenyl	14.39	154	5148	0.309	ng	# 91
47) 2-Nitroaniline	14.17	65	2324	10.424	ng	# 1
48) Acenaphthylene	15.27	152	1734	0.085	ng	# 93
50) 2,6-Dinitrotoluene	15.54	165	25279	16.576	ng	# 21
51) Acenaphthene	15.61	154	6285	0.495	ng	# 94
54) Dibenzofuran	15.93	168	7264	0.402	ng	# 92
55) 4-Nitrophenol	15.93	139	2923	8.085	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	25279	14.775	ng	# 19
57) Fluorene	16.58	166	5337	0.358	ng	# 98
59) Diethylphthalate	16.31	149	5530	0.324	ng	# 94
61) 4-Nitroaniline	17.02	138	61	5.315	ng	# 1
62) Azobenzene	16.85	77	288	0.019	ng	# 13
64) 4,6-Dinitro-2-methylphenol	17.01	198	819	5.779	ng	# 1

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

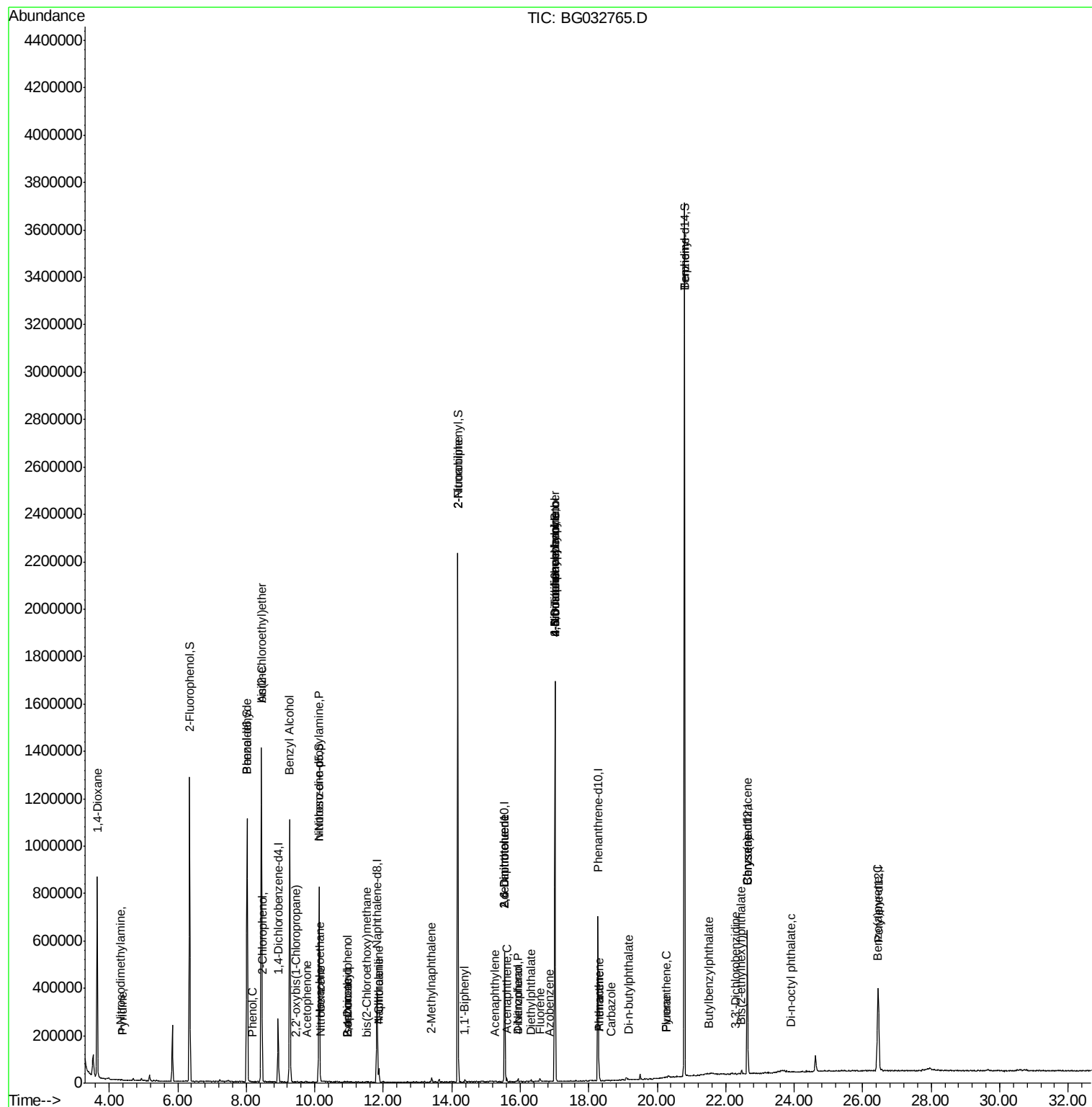
65) n-Nitrosodiphenylamine	17.01	169	12767	0.936	nq	# 48
66) 4-Bromophenyl-phenylether	17.01	248	22278	5.026	nq	# 1
70) Phenanthrene	18.31	178	11745	0.502	nq	96
71) Anthracene	18.31	178	11745	0.500	nq	97
72) Carbazole	18.66	167	1201	0.052	nq	# 90
73) Di-n-butylphthalate	19.17	149	1159	0.041	nq	# 63
74) Fluoranthene	20.26	202	1579	0.061	nq	90
76) Benzidine	20.79	184	29073	2.157	nq	# 94
77) Pyrene	20.26	202	1579	0.057	nq	99
79) Butylbenzylphthalate	21.50	149	583	0.047	nq	# 53
80) Benzo(a)anthracene	22.63	228	1257	0.050	nq	# 56
81) 3,3'-Dichlorobenzidine	22.28	252	60	0.006	nq	# 26
82) Chrysene	22.63	228	1257	0.052	nq	# 52
83) Bis(2-ethylhexyl)phthalate	22.47	149	8482	0.464	nq	# 95
84) Di-n-octyl phthalate	23.91	149	556	0.020	nq	# 7
89) Benzo(a)pyrene	26.43	252	780	0.033	nq	# 44

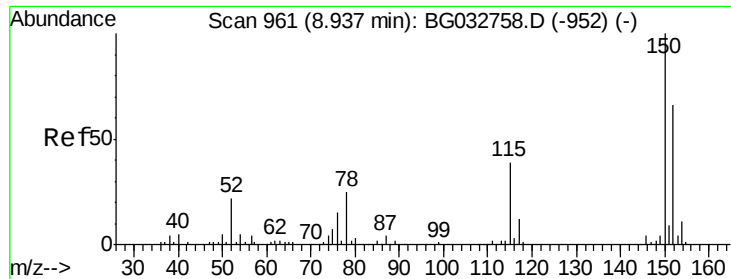
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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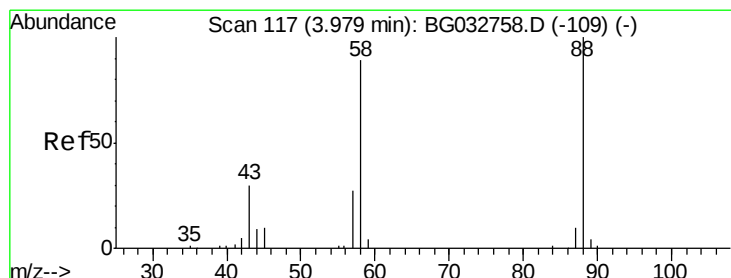
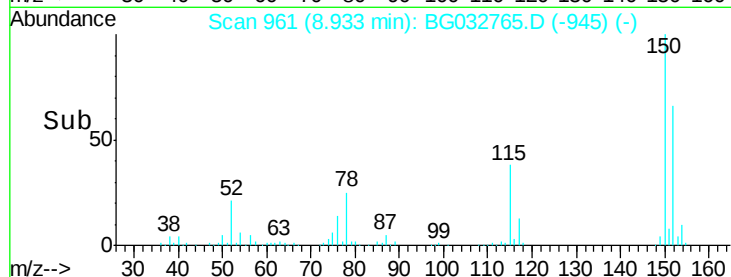
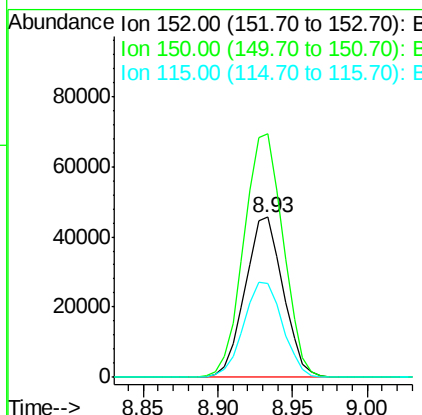
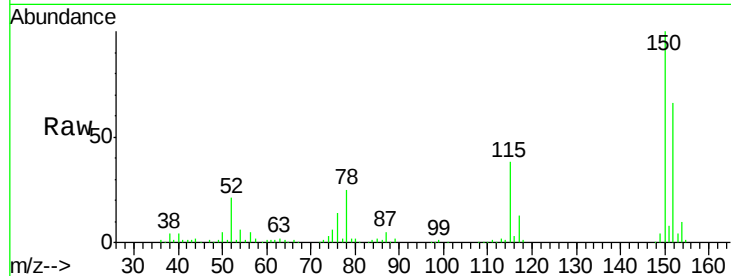


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Instrument :
BNA_G
ClientSampleId :
OK-02-022018

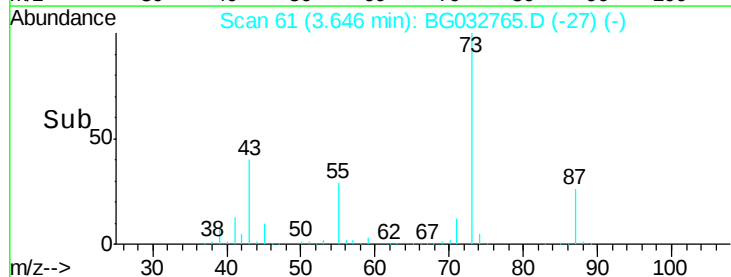
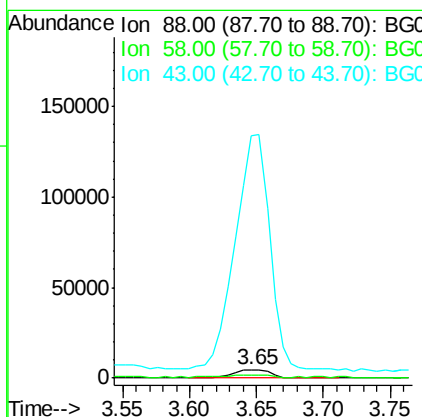
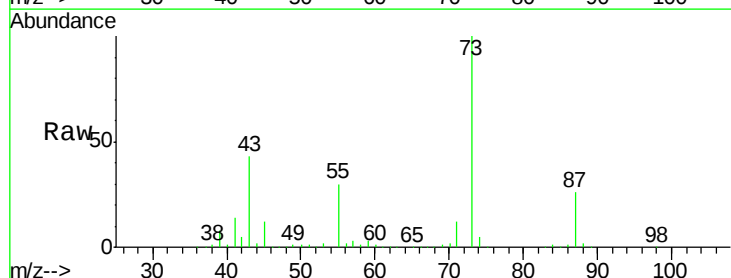
Tot Ion:152 Resp: 80369
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 58.5 53.0 79.4

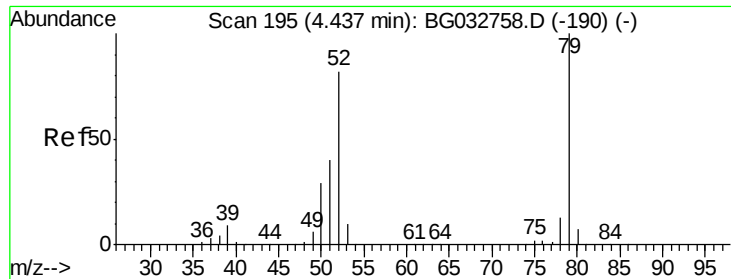


#2

1,4-Dioxane
Concen: 4.379 ng
RT: 3.65 min Scan# 61
Delta R.T. -0.33 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion: 88 Resp: 9547
Ion Ratio Lower Upper
88 100
58 28.8 79.6 119.4#
43 2482.7 27.4 41.0#





#3

Pvridine

Concen: 0.010 ng

RT: 4.37 min Scan# 185

Delta R.T. -0.06 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

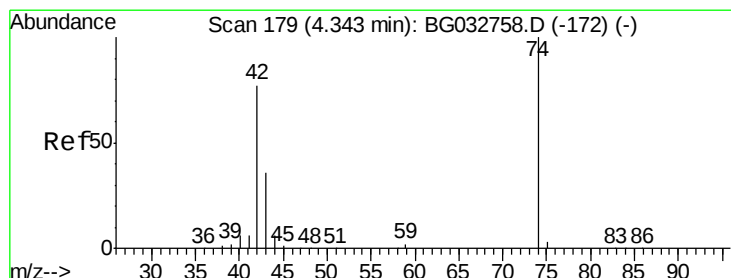
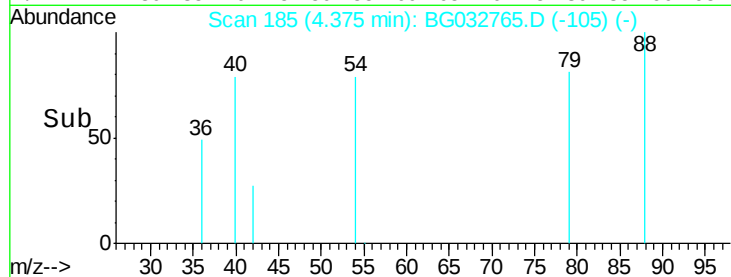
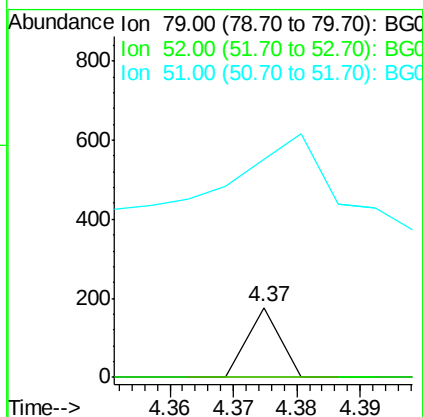
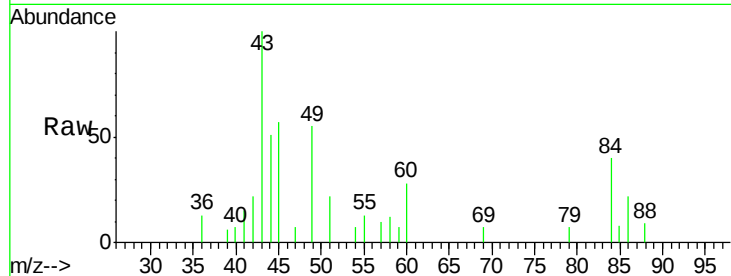
Tot Ion: 79 Resp: 62

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

51 312.4 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 0.190 ng

RT: 4.33 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

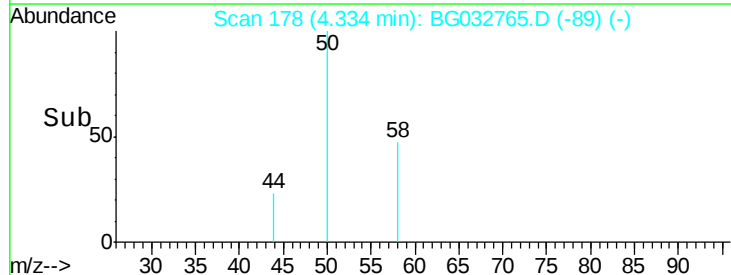
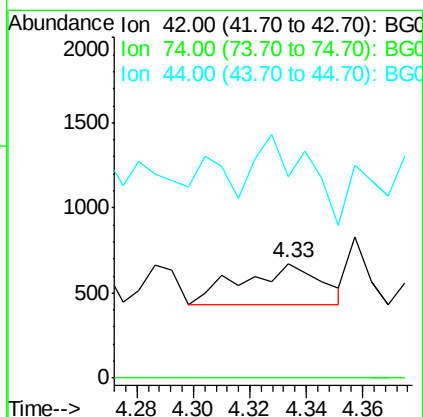
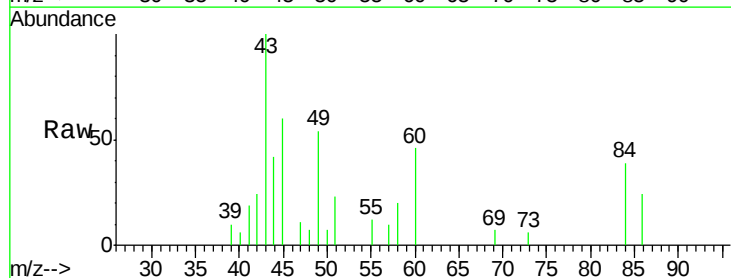
Tgt Ion: 42 Resp: 458

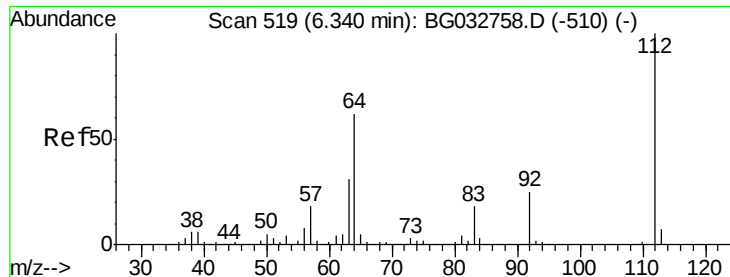
Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

44 175.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 126.288 ng

RT: 6.34 min Scan# 520

Delta R.T. 0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

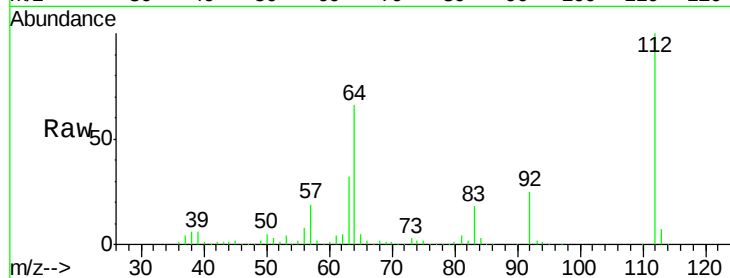
Tot Ion:112 Resp: 634408

Ion Ratio Lower Upper

112 100

64 65.6 56.3 84.5

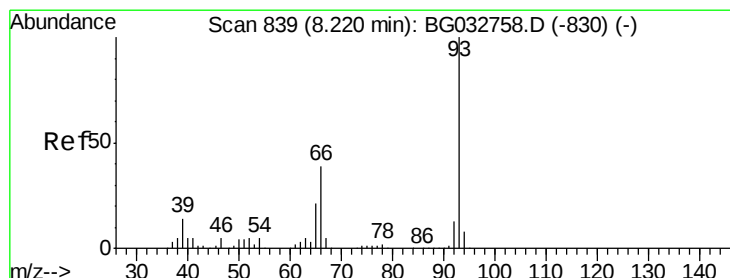
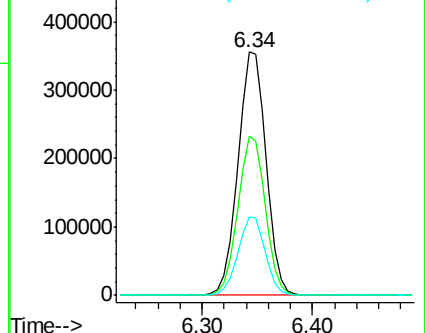
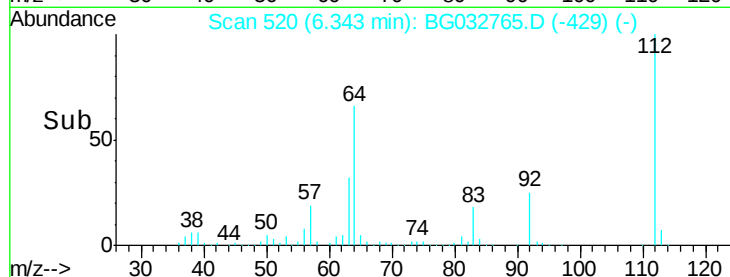
63 32.1 30.1 45.1



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: 0.110 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.22 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

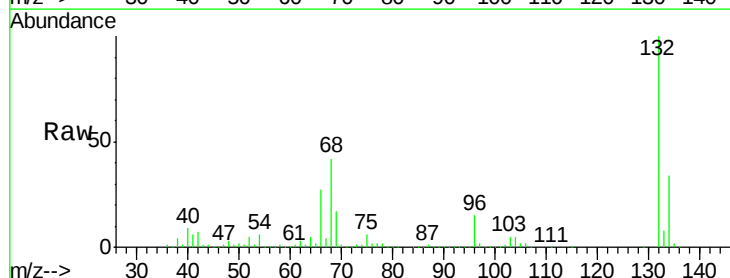
Tgt Ion: 93 Resp: 1044

Ion Ratio Lower Upper

93 100

66 20413.3 33.7 50.5#

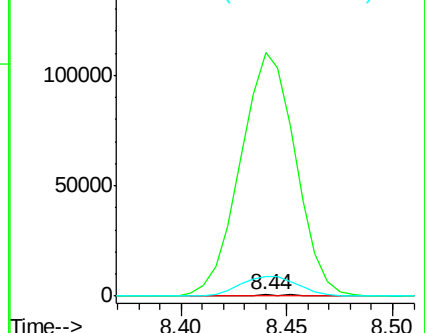
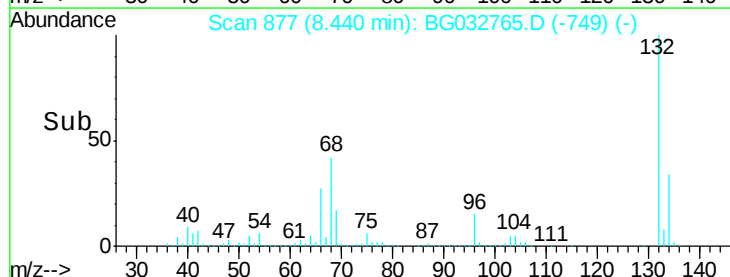
65 1673.9 16.1 24.1#

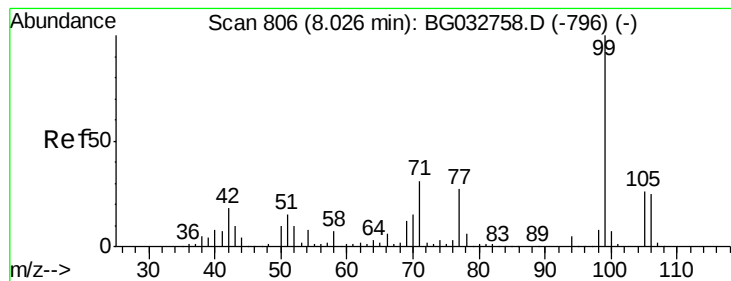


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 107.012 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

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OK-02-022018

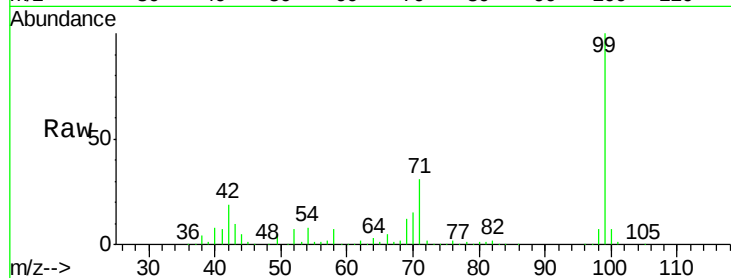
Tot Ion: 99 Resp: 749308

Ion Ratio Lower Upper

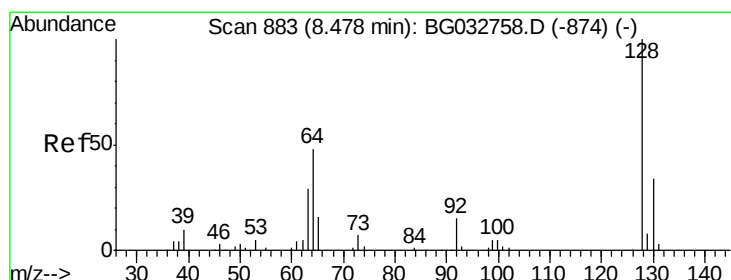
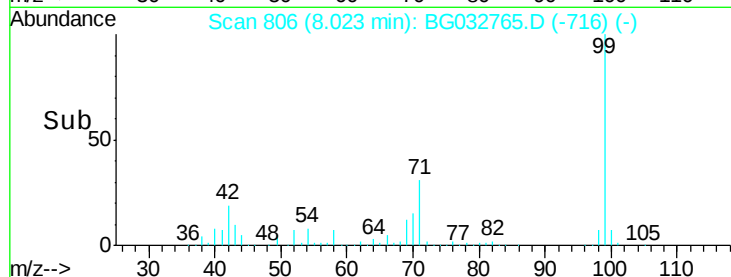
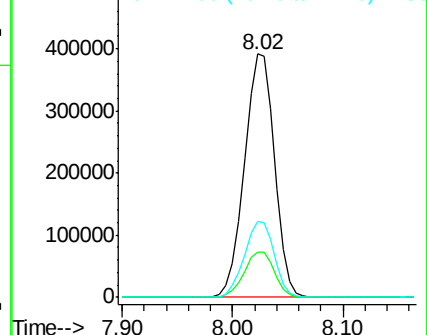
99 100

42 18.7 14.1 21.1

71 31.3 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: 8.47 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

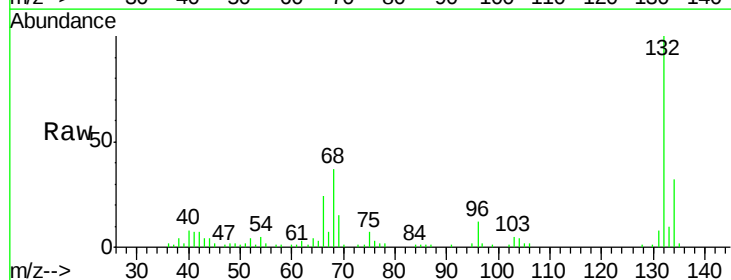
Tgt Ion: 128 Resp: 54

Ion Ratio Lower Upper

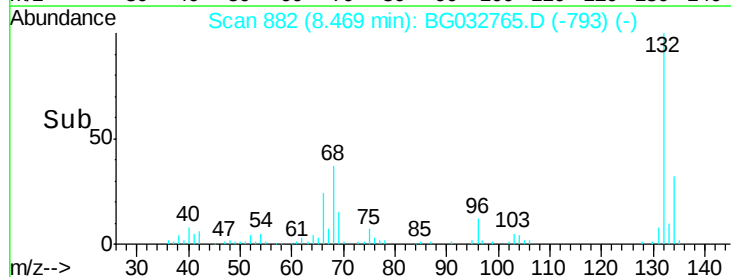
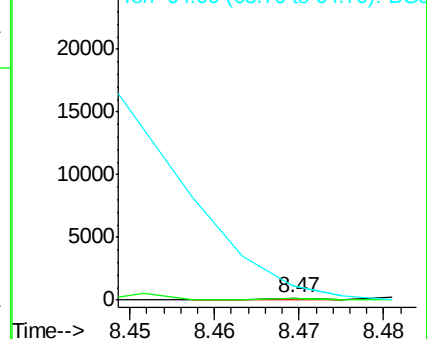
128 100

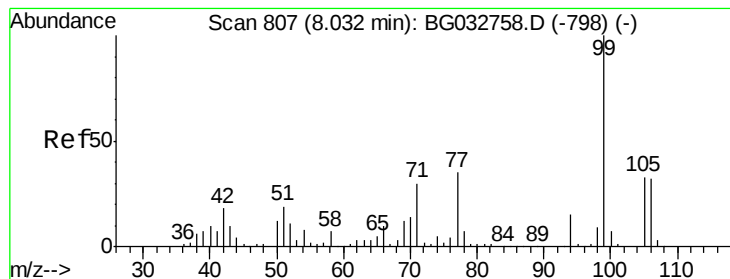
130 104.6 14.0 54.0#

64 785.0 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

Benzaldehyde

Concen: 0.256 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.01 min

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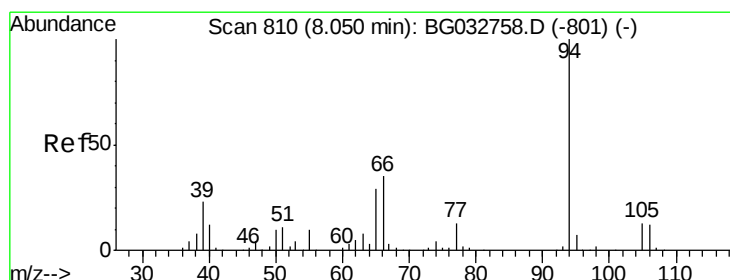
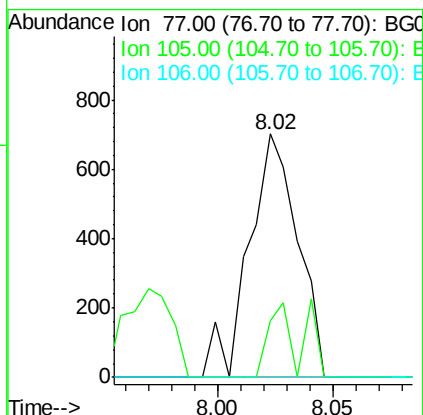
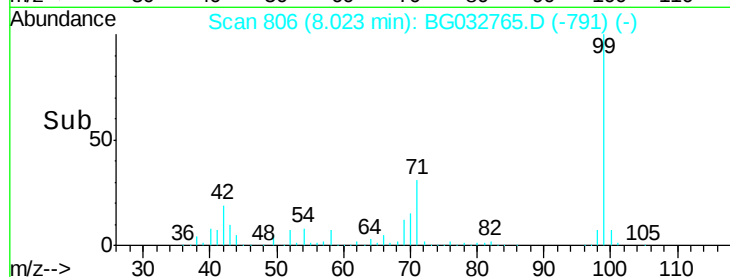
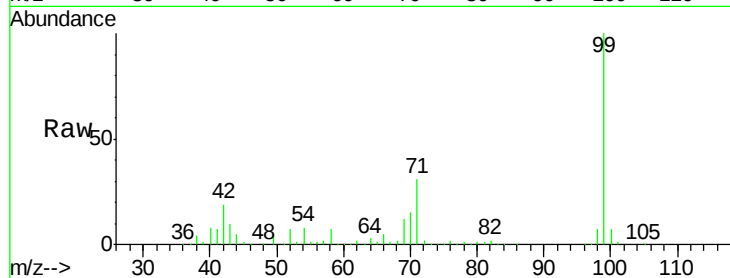
Tot Ion: 77 Resp: 1032

Ion Ratio Lower Upper

77 100

105 23.1 71.3 111.3#

106 0.0 64.2 104.2#



#10

Phenol

Concen: 0.008 ng

RT: 8.17 min Scan# 831

Delta R.T. 0.12 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

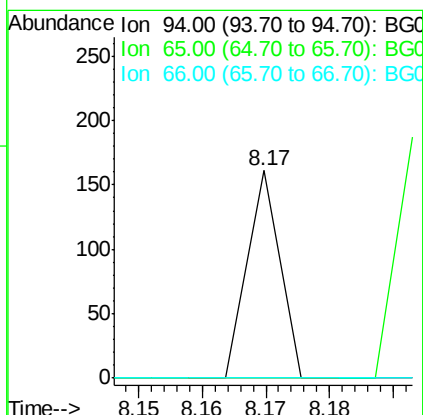
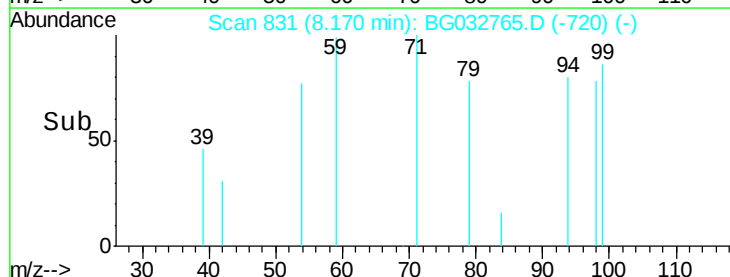
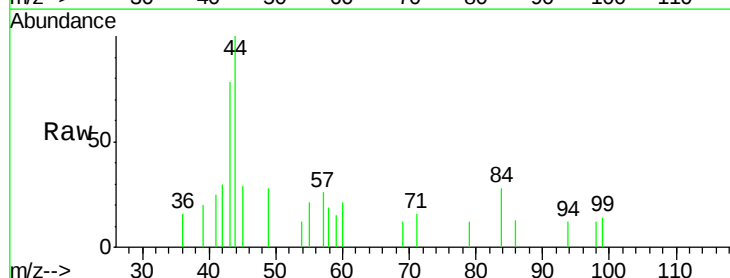
Tgt Ion: 94 Resp: 57

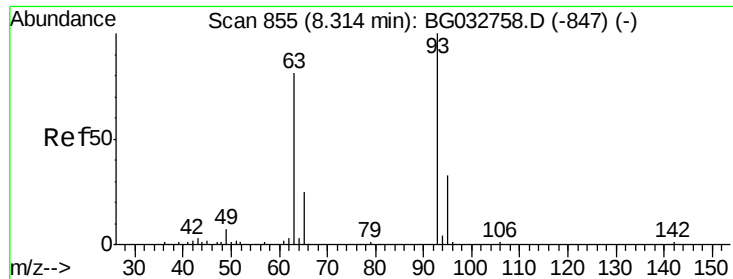
Ion Ratio Lower Upper

94 100

65 0.0 11.9 51.9#

66 0.0 22.2 62.2#





#11

bis(2-Chloroethyl)ether

Concen: 0.181 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.13 min

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OK-02-022018

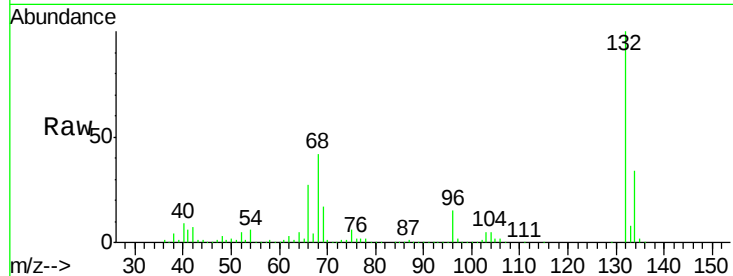
Tot Ion: 93 Resp: 1044

Ion Ratio Lower Upper

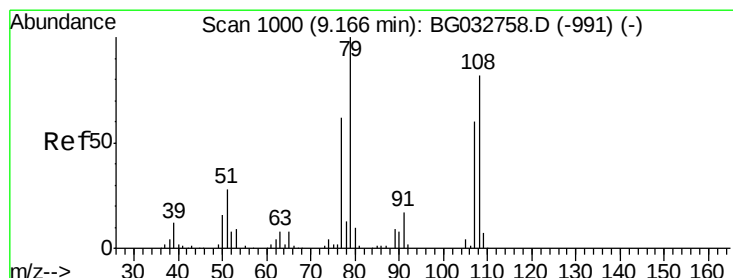
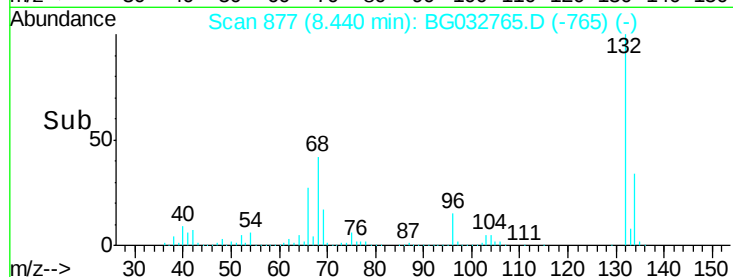
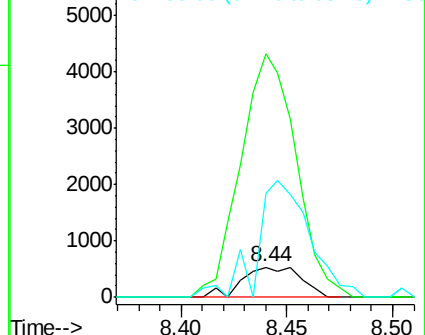
93 100

63 799.6 67.1 107.1#

95 343.5 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: 1.763 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.10 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

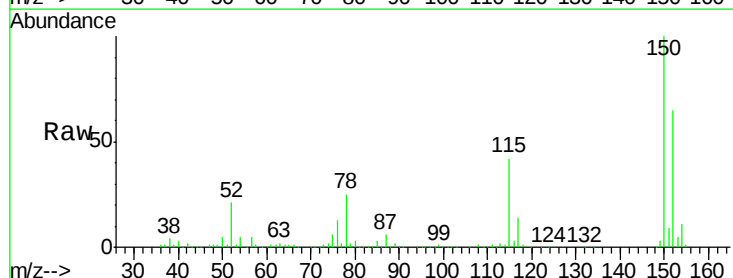
Tgt Ion: 79 Resp: 9074

Ion Ratio Lower Upper

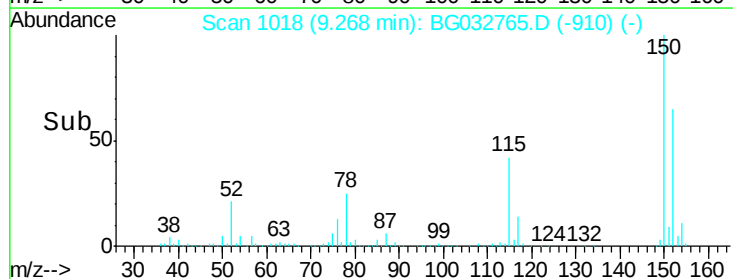
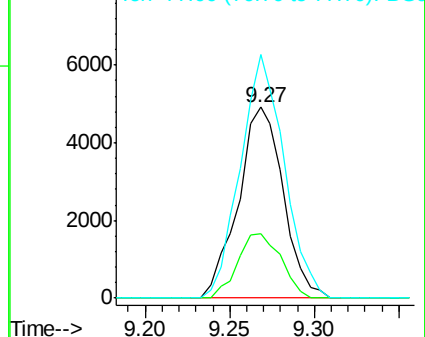
79 100

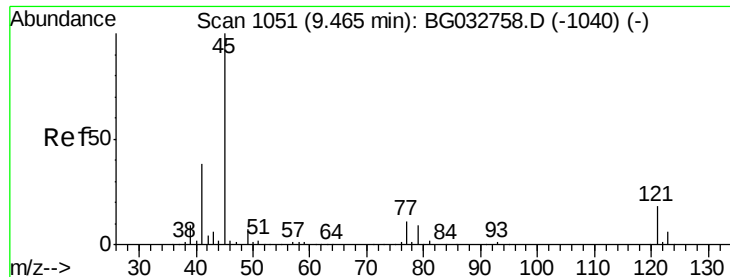
108 33.7 57.2 85.8#

77 127.6 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: 0.006 ng

RT: 9.45 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

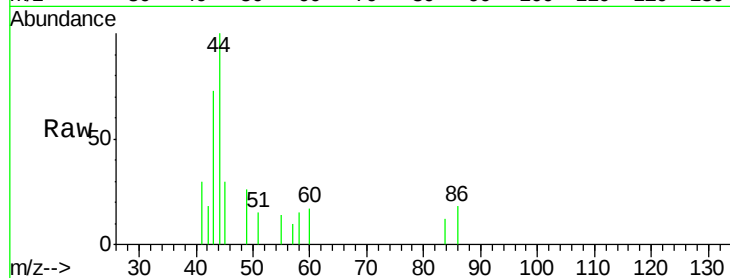
Tot Ion: 45 Resp: 62

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.2

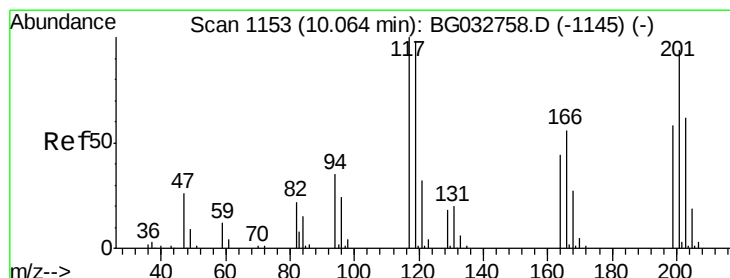
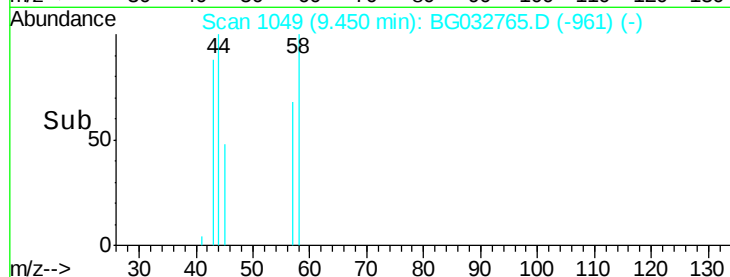
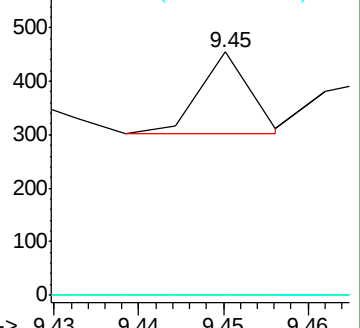
79 0.0 0.0 27.9



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: 0.024 ng

RT: 10.16 min Scan# 1170

Delta R.T. 0.10 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

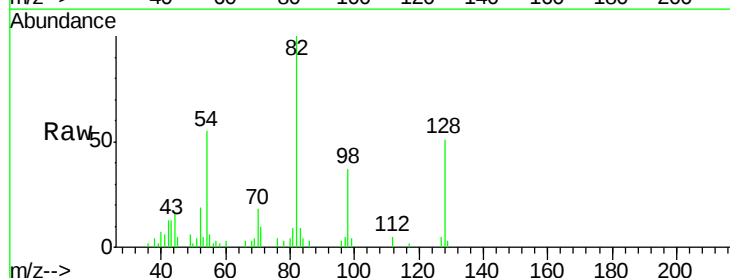
Tgt Ion: 117 Resp: 53

Ion Ratio Lower Upper

117 100

119 0.0 76.7 115.1#

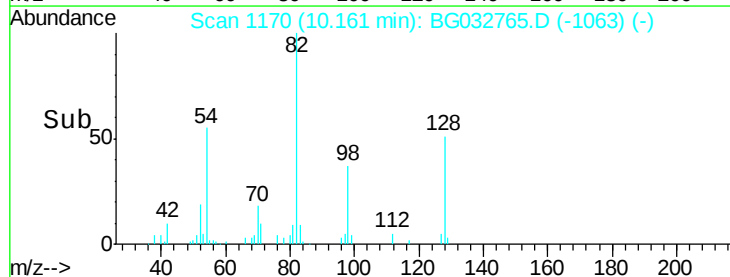
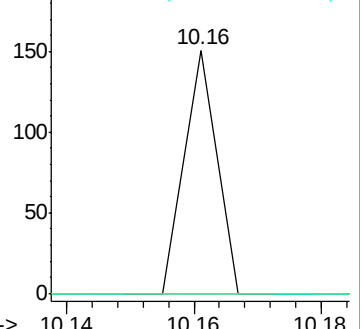
201 0.0 95.7 143.5#

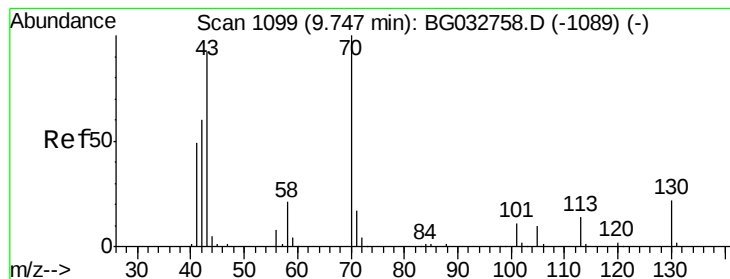


Abundance Ion 117.00 (116.70 to 117.70): E

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: 14.157 ng

RT: 10.13 min Scan# 1165

Delta R.T. 0.38 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

Tot Ion: 70 Resp: 69984

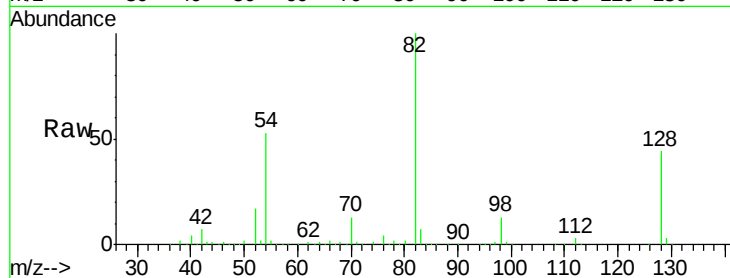
Ion Ratio Lower Upper

70 100

42 48.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 13.4 20.0#

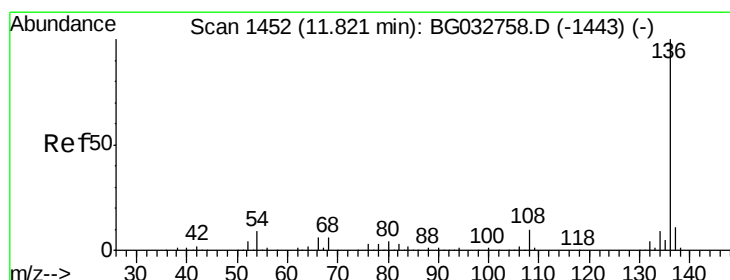
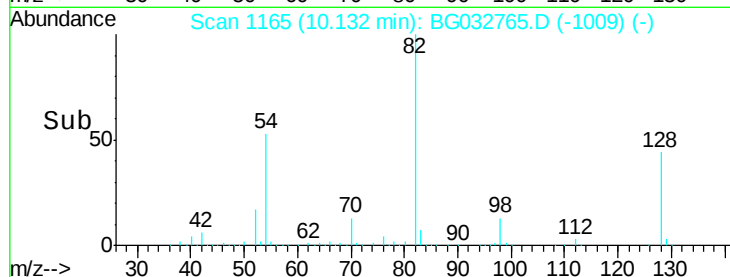
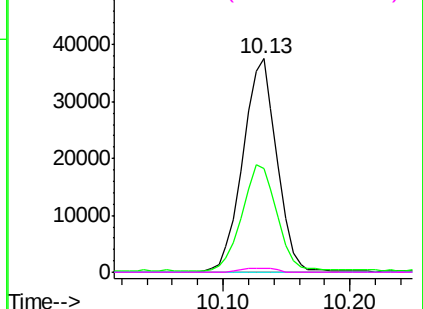


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.82 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Tgt Ion: 136 Resp: 344770

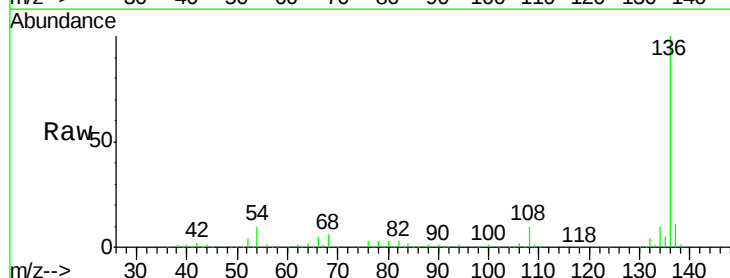
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 9.7 10.3 15.5#

68 6.2 4.5 6.7

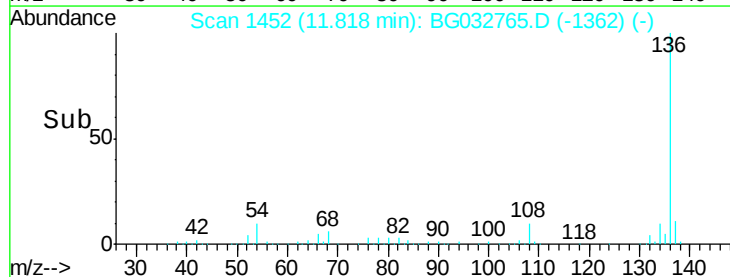
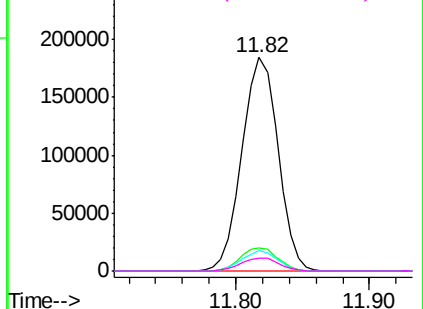


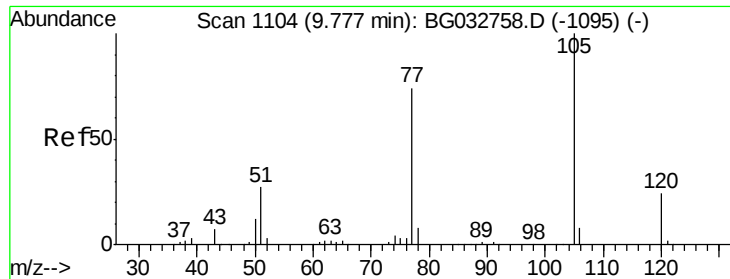
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 0.112 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

Tot Ion:105 Resp: 974

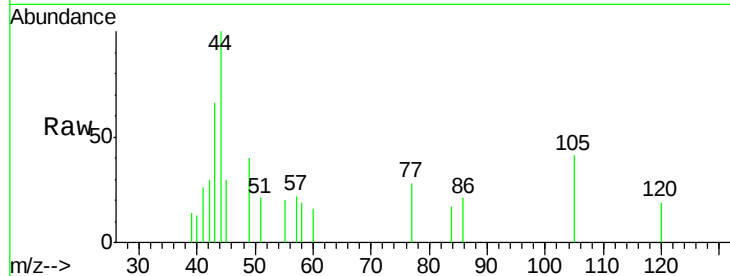
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 50.4 26.1 39.1#

120 45.4 17.4 26.2#

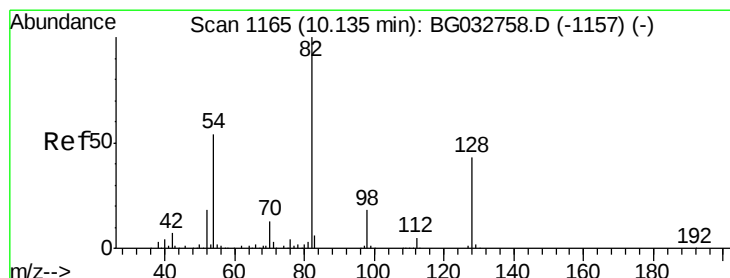
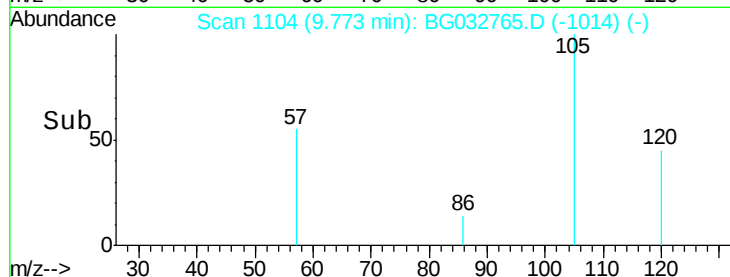
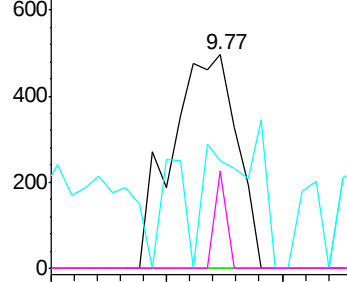


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 103.261 ng

RT: 10.13 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

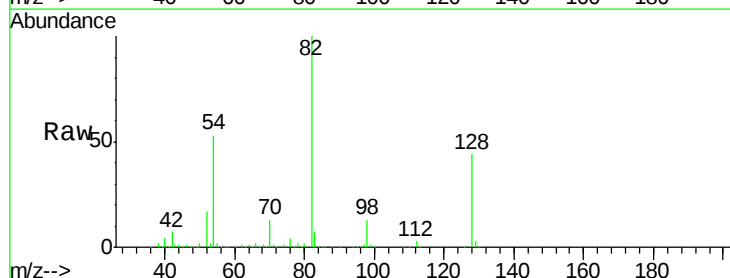
Tgt Ion: 82 Resp: 525000

Ion Ratio Lower Upper

82 100

128 44.2 29.7 44.5

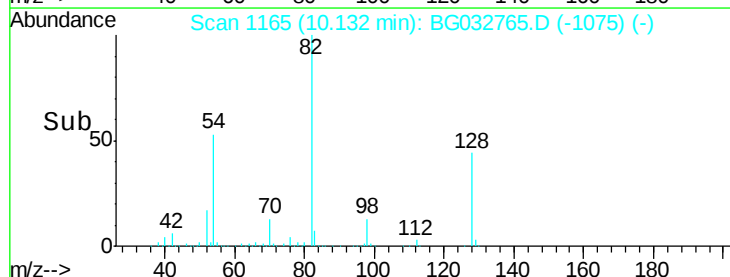
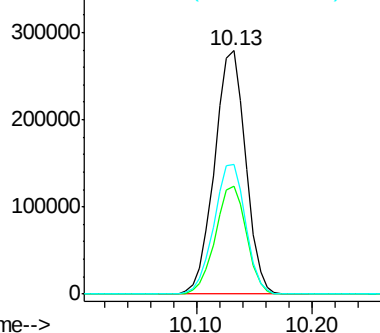
54 53.1 43.1 64.7

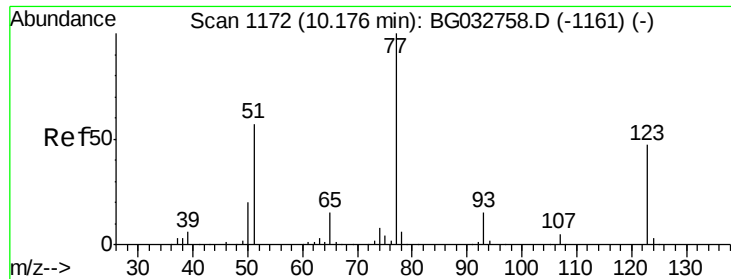


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

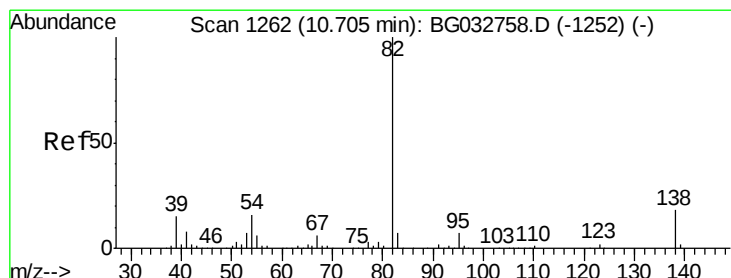
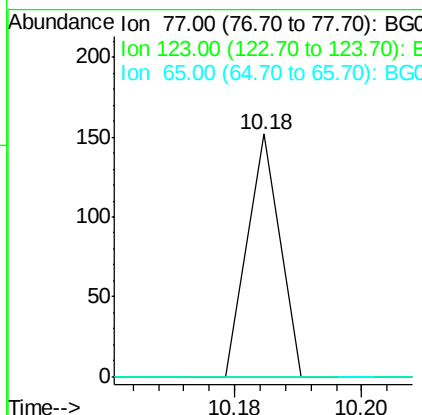
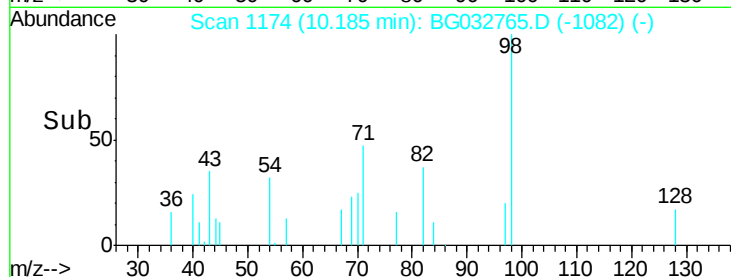
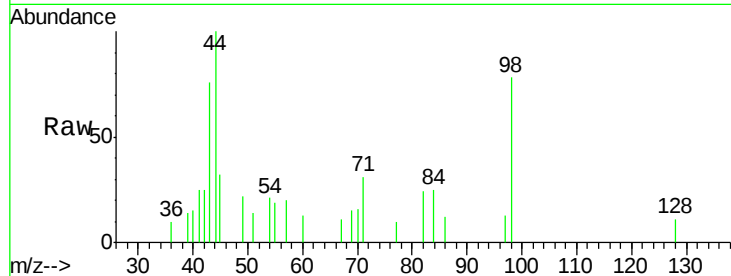




#24
 Nitrobenzene
 Concen: 6.389 ng
 RT: 10.18 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

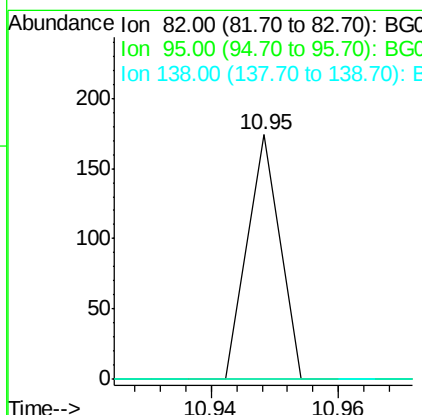
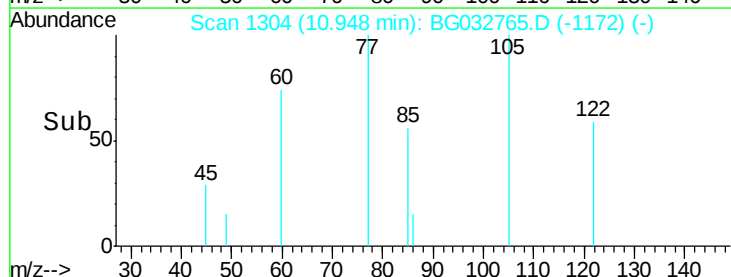
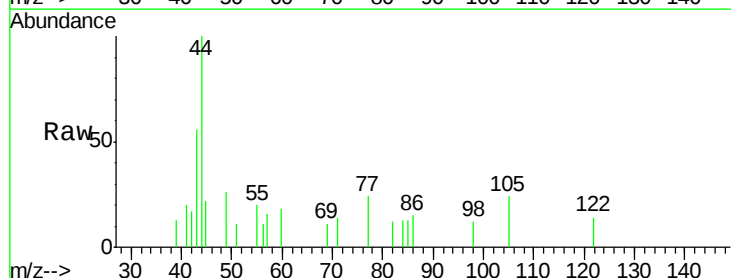
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022018

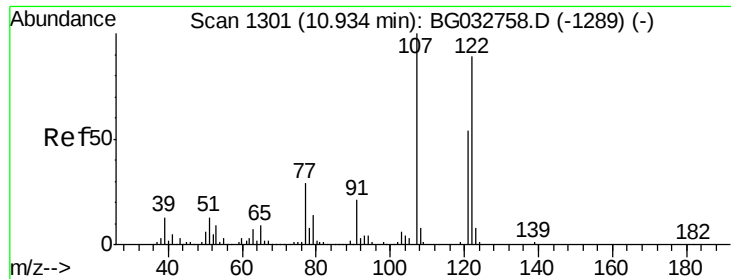
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	33.0	49.6#
65	0.0	13.0	19.6#



#25
 Isophorone
 Concen: 0.005 ng
 RT: 10.95 min Scan# 1304
 Delta R.T. 0.24 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

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

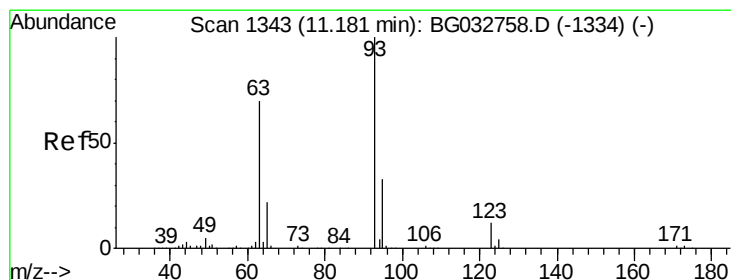
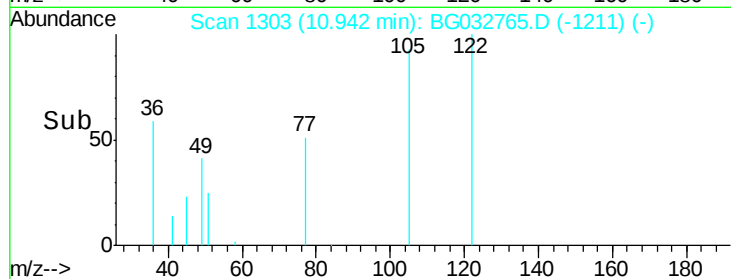
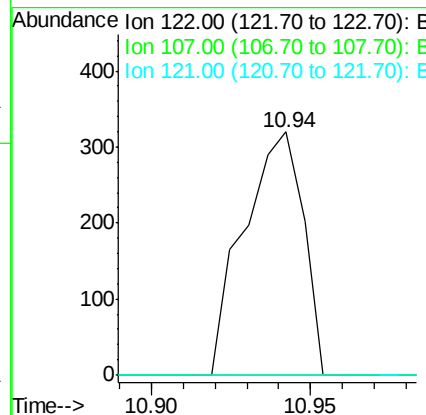
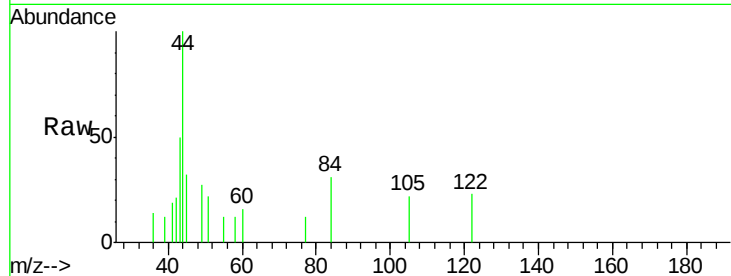




#27
 2,4-Dimethylphenol
 Concen: 0.079 ng
 RT: 10.94 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

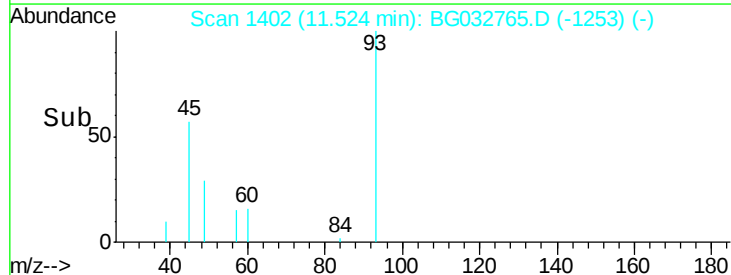
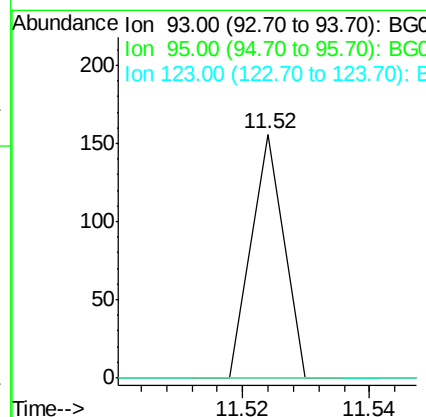
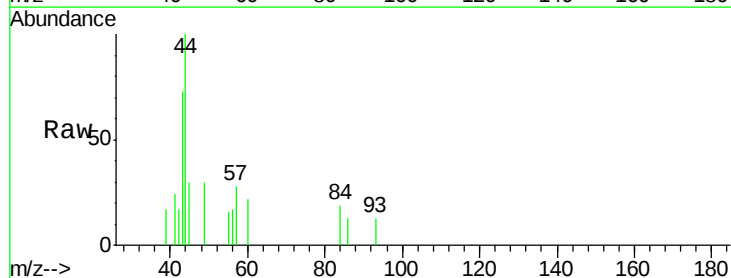
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022018

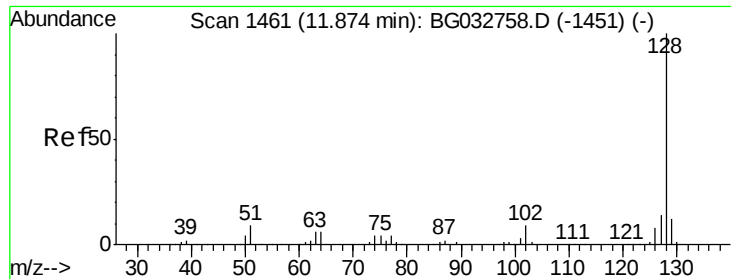
Tot Ion:122 Resp: 414
 Ion Ratio Lower Upper
 122 100
 107 0.0 100.2 150.2#
 121 0.0 44.4 66.6#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.008 ng
 RT: 11.52 min Scan# 1402
 Delta R.T. 0.34 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

Tgt Ion: 93 Resp: 55
 Ion Ratio Lower Upper
 93 100
 95 0.0 24.3 36.5#
 123 0.0 8.4 12.6#

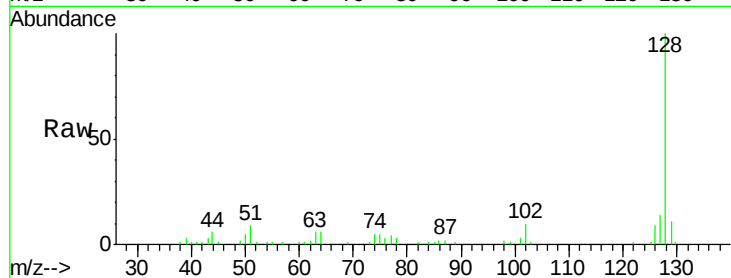




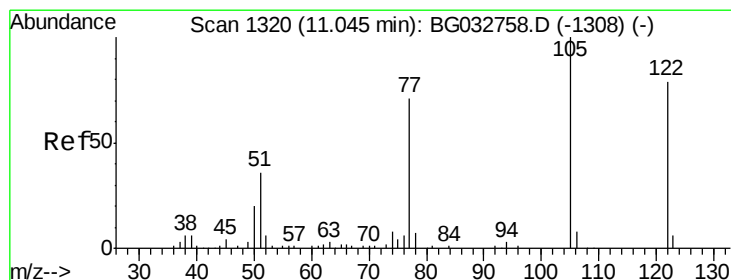
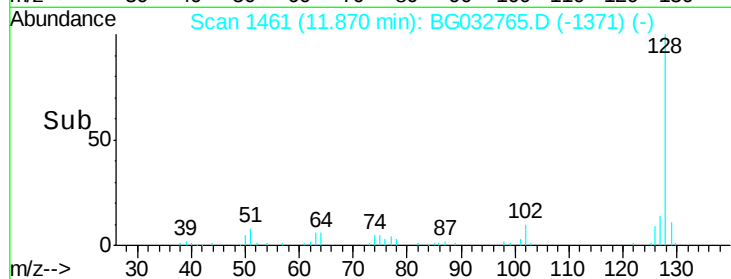
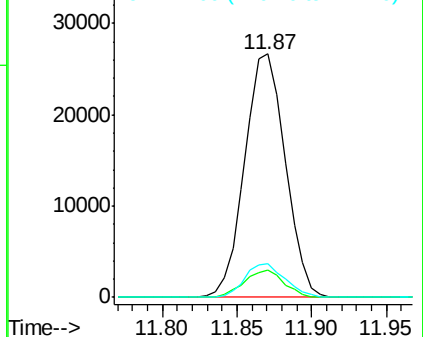
#31
Naphthalene
Concen: 2.789 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Instrument :
BNA_G
ClientSampleId :
OK-02-022018

Tot Ion:128 Resp: 50238
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.0 11.6 17.4

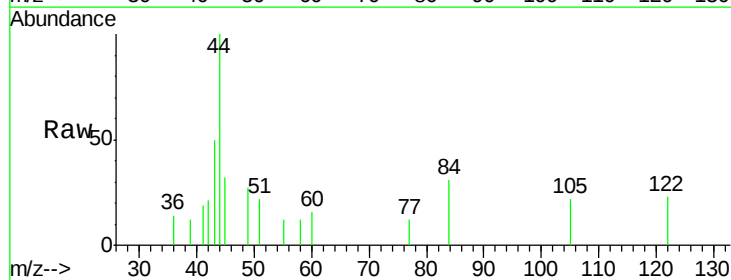


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

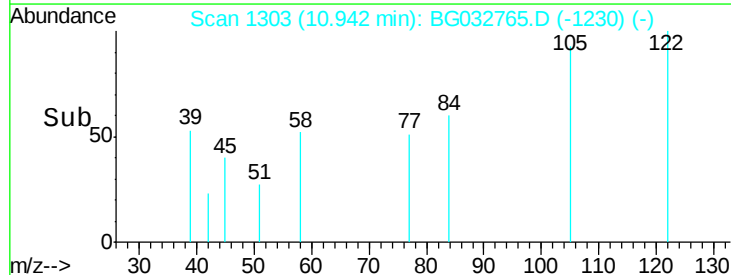
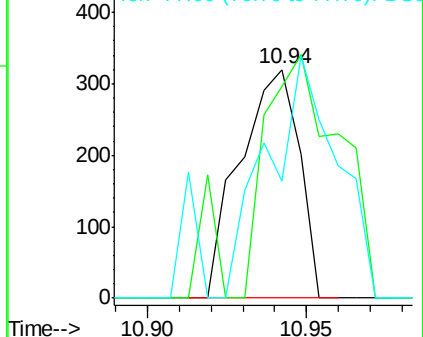


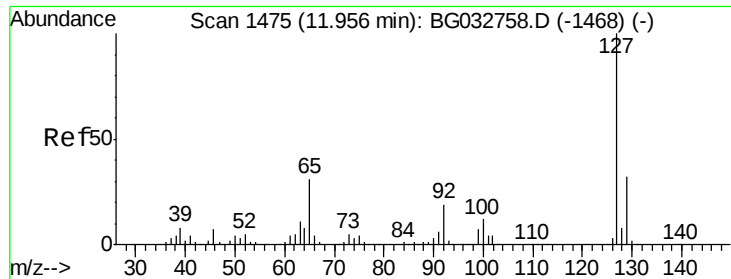
#32
Benzoic acid
Concen: 5.969 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.10 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion:122 Resp: 414
Ion Ratio Lower Upper
122 100
105 92.5 123.5 163.5#
77 50.9 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

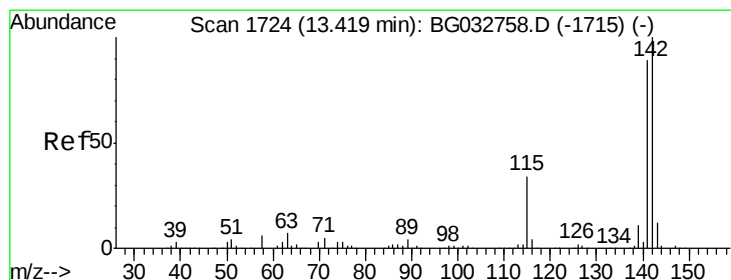
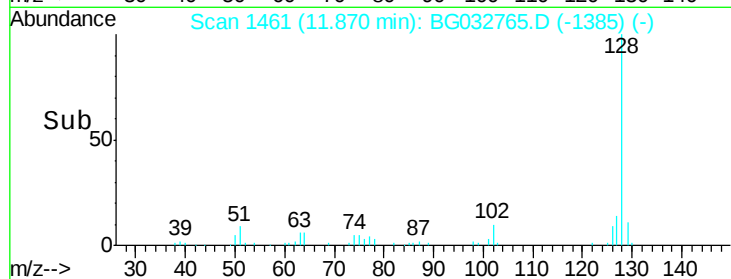
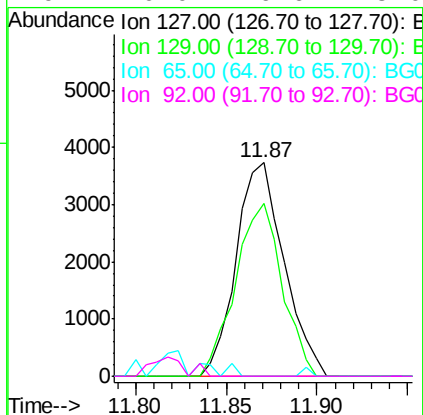
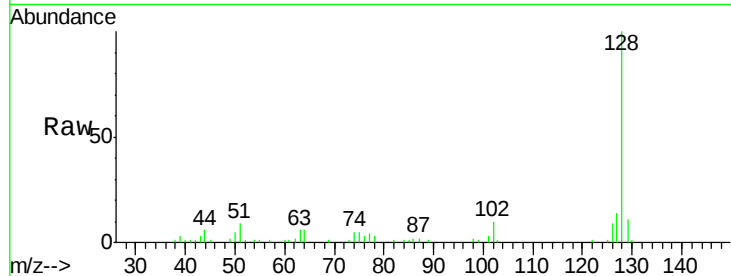




#33
4-Chloroaniline
Concen: 0.851 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.09 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

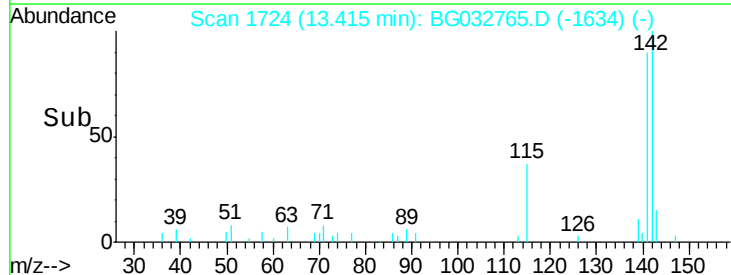
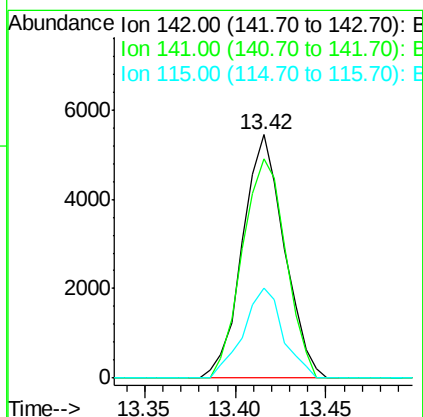
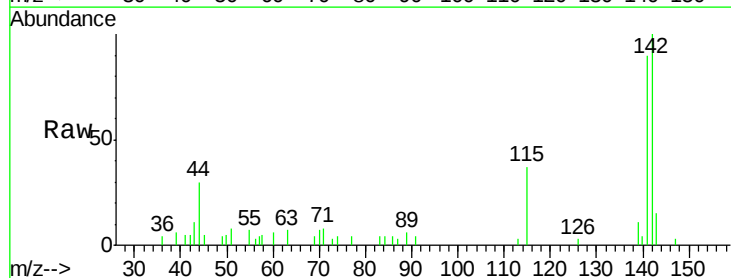
Instrument :
BNA_G
ClientSampleId :
OK-02-022018

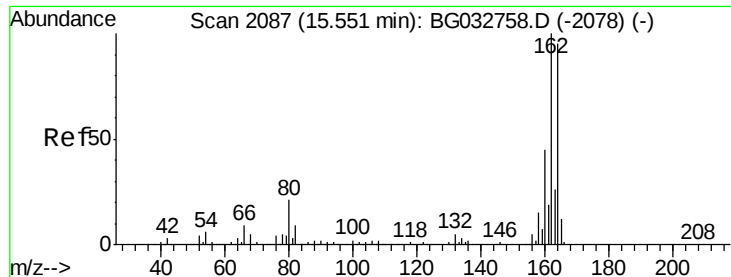
Tot Ion:127 Resp: 6856
Ion Ratio Lower Upper
127 100
129 81.0 24.0 36.0#
65 0.0 27.0 40.4#
92 0.0 16.6 25.0#



#37
2-Methylnaphthalene
Concen: 0.670 ng
RT: 13.42 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion:142 Resp: 8732
Ion Ratio Lower Upper
142 100
141 90.2 67.1 100.7
115 36.8 30.7 46.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

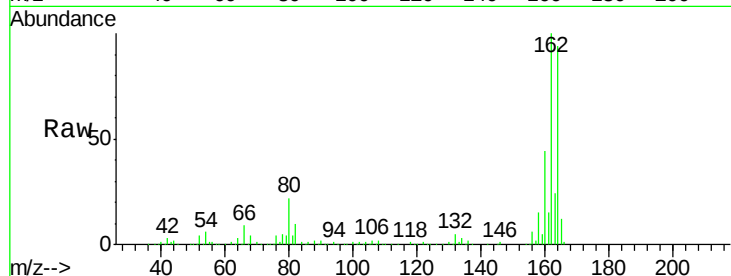
Tot Ion:164 Resp: 190833

Ion Ratio Lower Upper

164 100

162 106.9 78.8 118.2

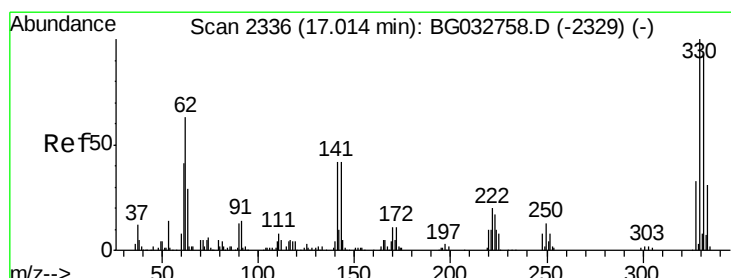
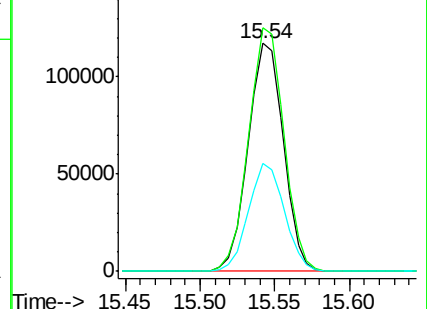
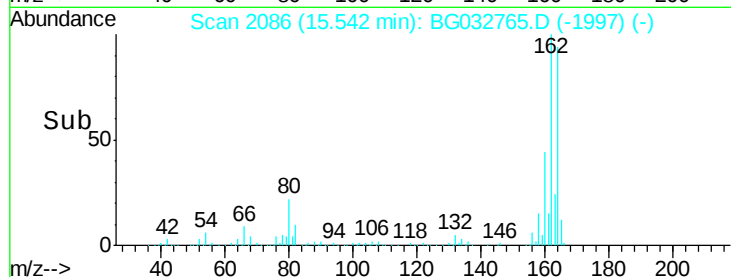
160 47.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 153.265 ng

RT: 17.02 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

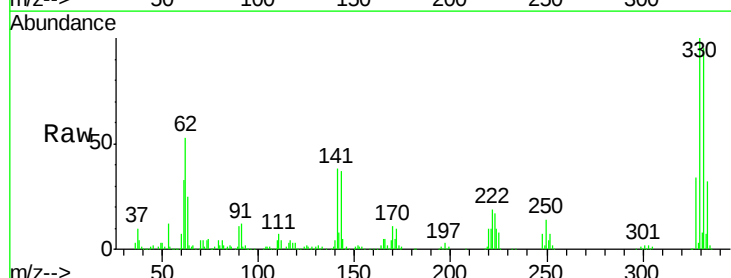
Tgt Ion:330 Resp: 307533

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

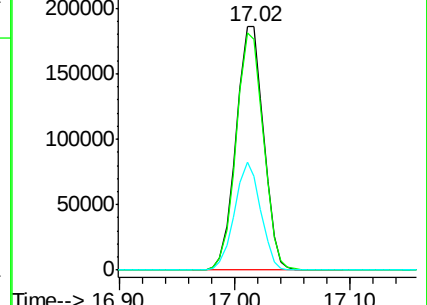
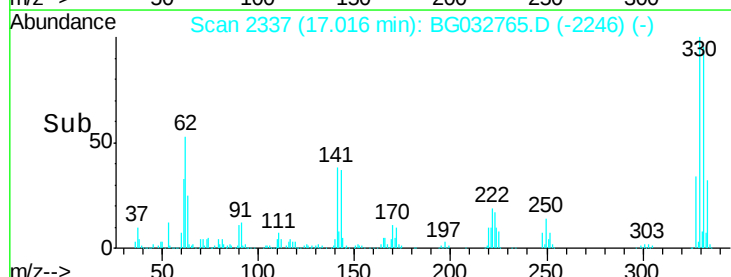
141 42.1 25.2 37.8#

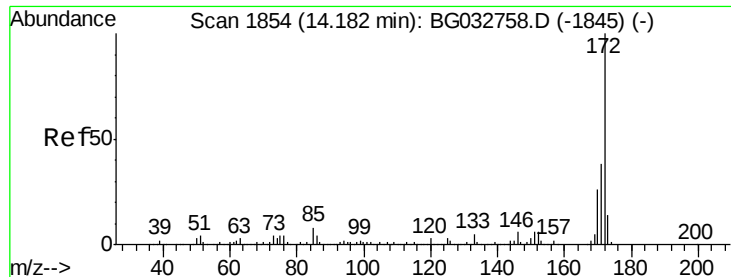


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 89.216 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

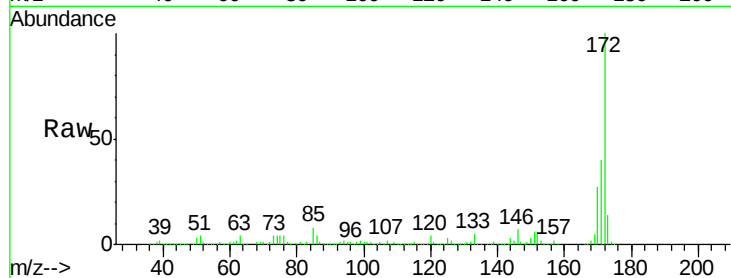
BNA_G

ClientSampleId :

OK-02-022018

Tot Ion:172 Resp: 1180465

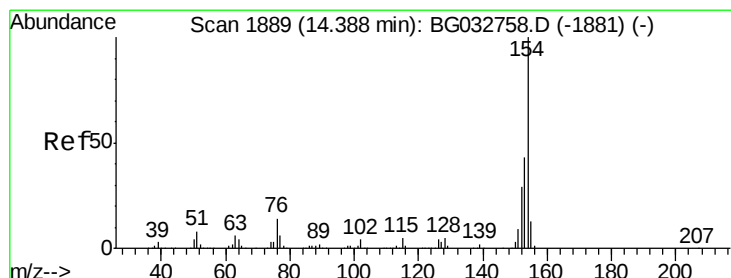
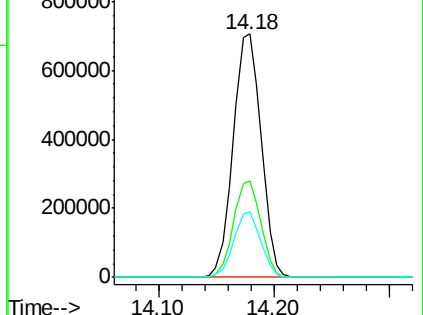
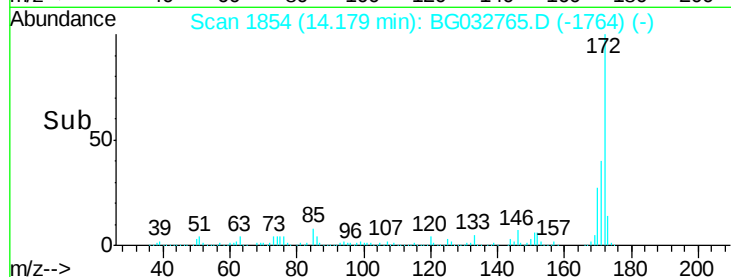
Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.0	45.0
170	26.7	19.5	29.3



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: 0.309 ng

RT: 14.39 min Scan# 1890

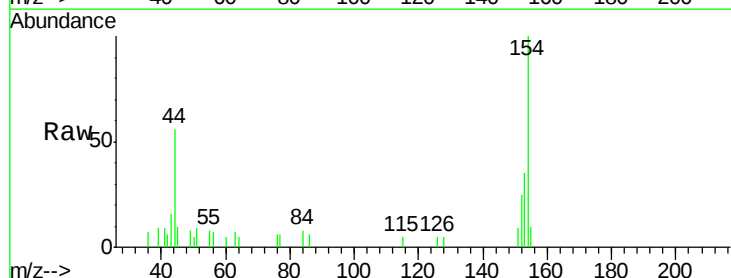
Delta R.T. 0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Tgt Ion:154 Resp: 5148

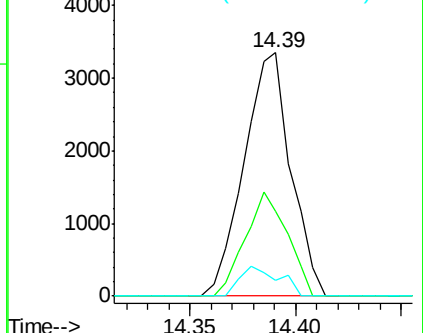
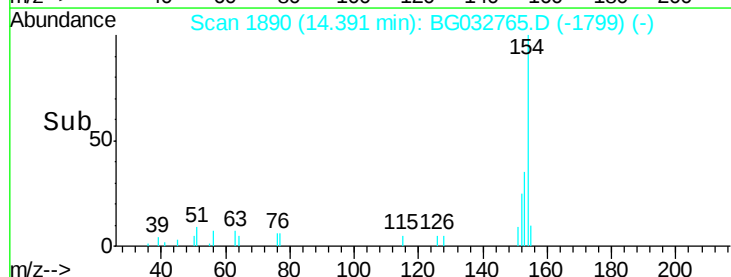
Ion	Ratio	Lower	Upper
154	100		
153	35.1	19.8	59.8
76	6.4	0.0	31.9

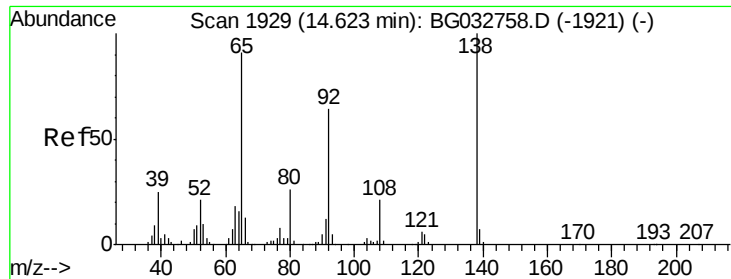


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

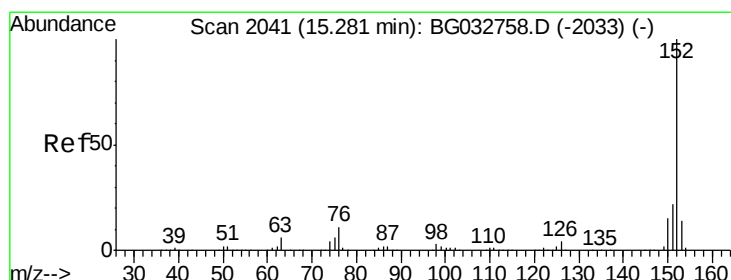
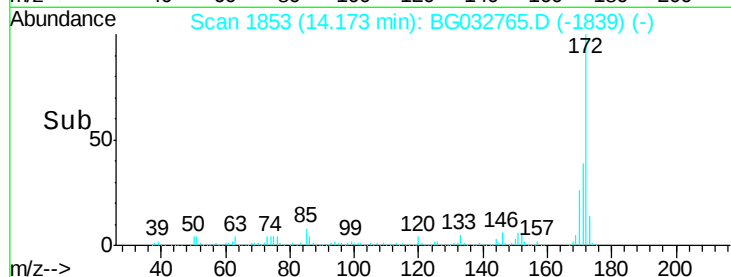
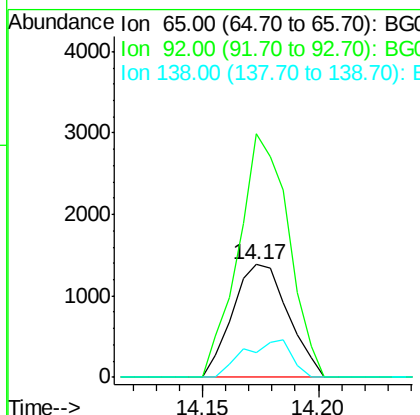
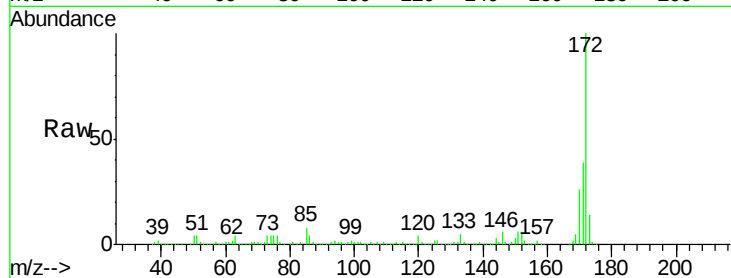




#47
2-Nitroaniline
Concen: 10.424 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.45 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

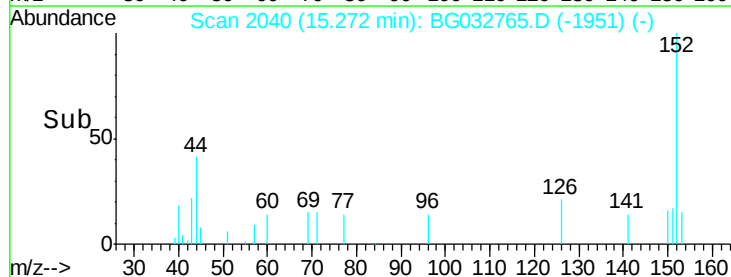
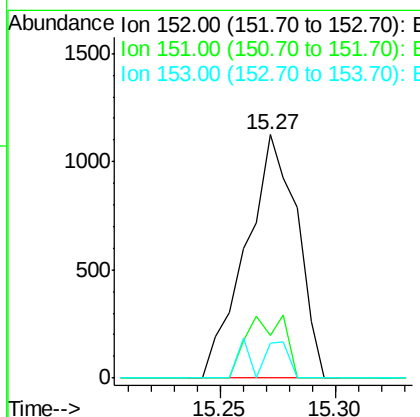
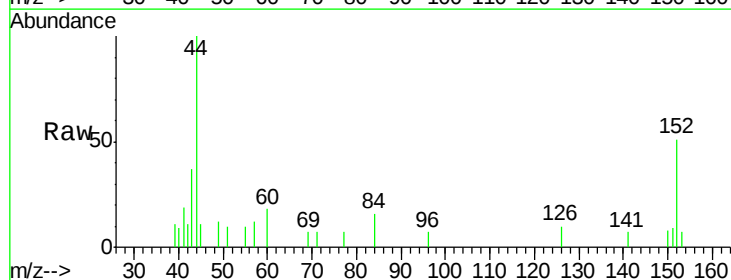
Instrument :
BNA_G
ClientSampleId :
OK-02-022018

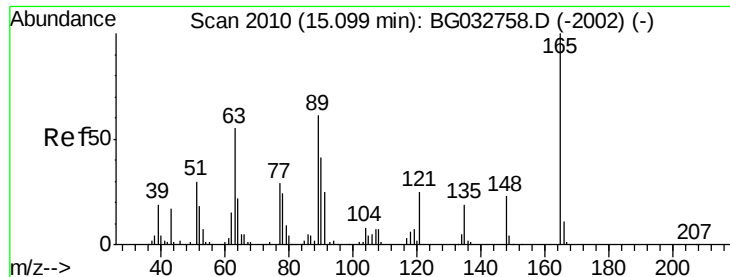
Tot Ion: 65 Resp: 2324
Ion Ratio Lower Upper
65 100
92 215.7 54.6 82.0#
138 21.4 72.9 109.3#



#48
Acenaphthylene
Concen: 0.085 ng
RT: 15.27 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion: 152 Resp: 1734
Ion Ratio Lower Upper
152 100
151 17.3 17.2 25.8
153 14.6 10.2 15.4

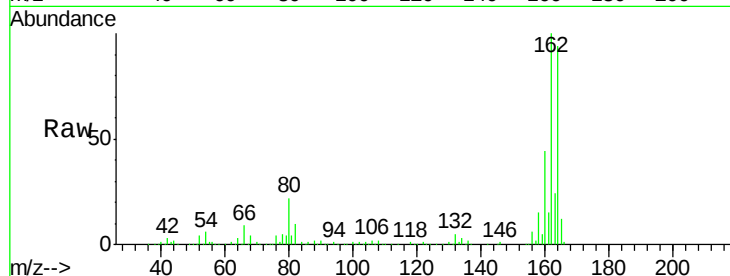




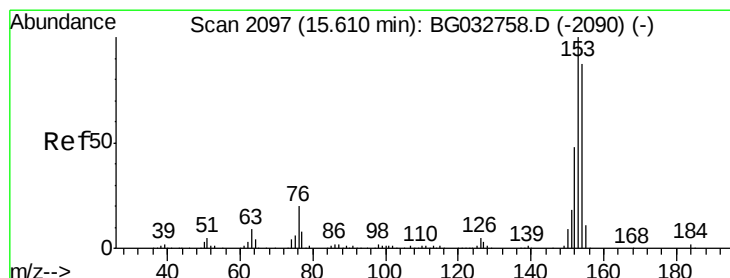
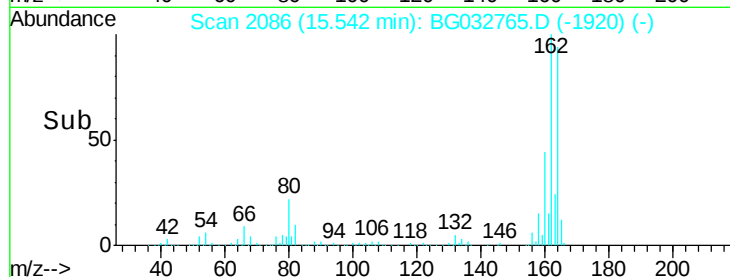
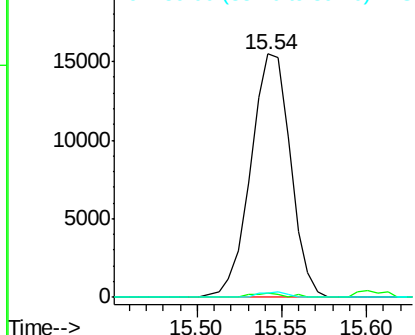
#50
2,6-Dinitrotoluene
Concen: 16.576 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.44 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Instrument :
BNA_G
ClientSampleId :
OK-02-022018

Tot Ion:165 Resp: 25279
Ion Ratio Lower Upper
165 100
63 1.9 52.7 79.1#
89 2.0 49.2 73.8#

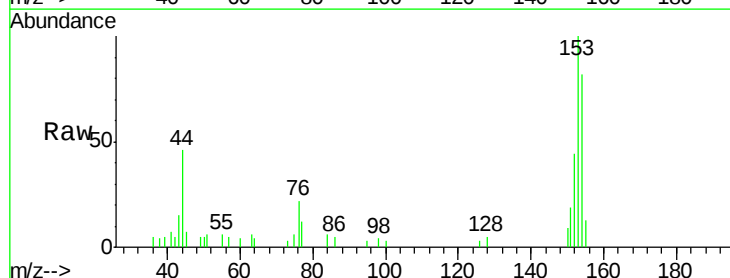


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

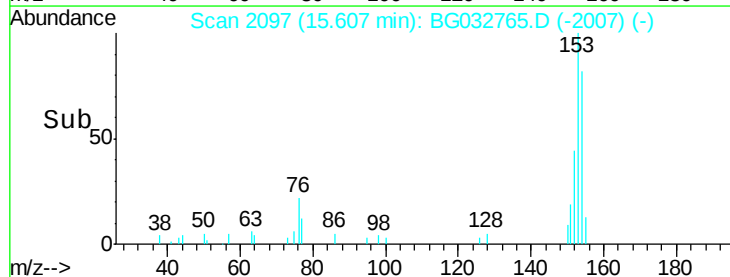
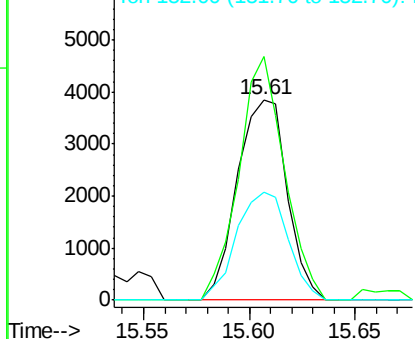


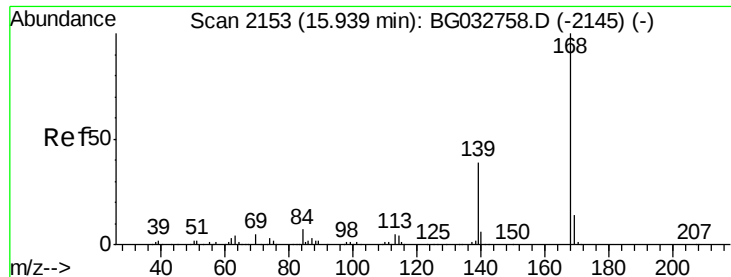
#51
Acenaphthene
Concen: 0.495 ng
RT: 15.61 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion:154 Resp: 6285
Ion Ratio Lower Upper
154 100
153 121.5 90.4 135.6
152 53.7 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: 0.402 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

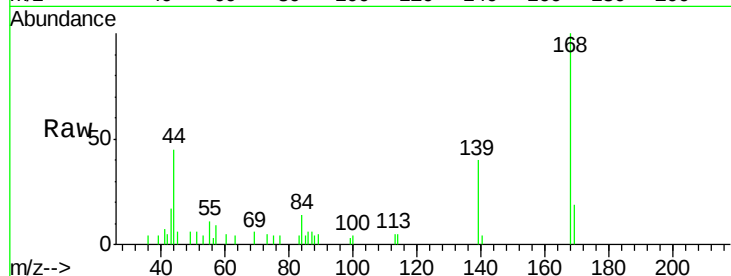
Tot Ion:168 Resp: 7264

Ion Ratio Lower Upper

168 100

139 39.6 28.6 43.0

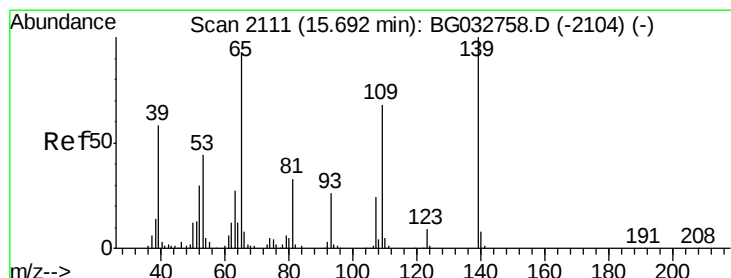
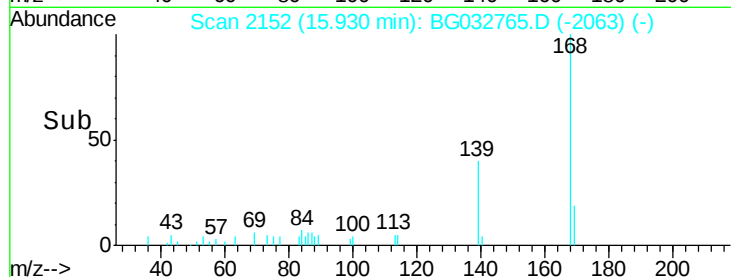
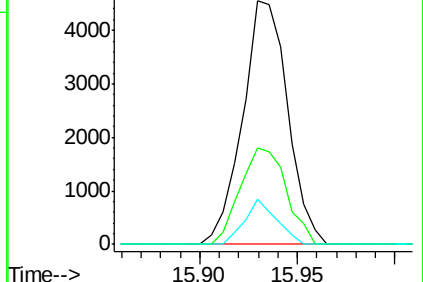
169 18.7 11.2 16.8#



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: 8.085 ng

RT: 15.93 min Scan# 2152

Delta R.T. 0.24 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

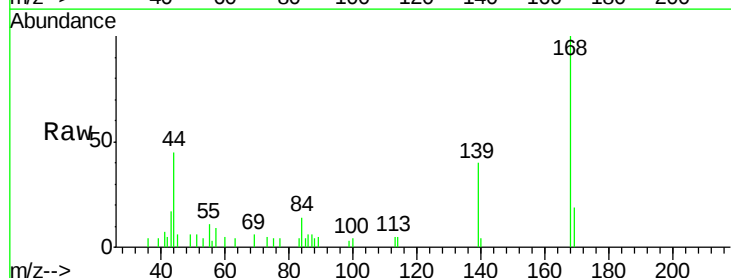
Tgt Ion:139 Resp: 2923

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

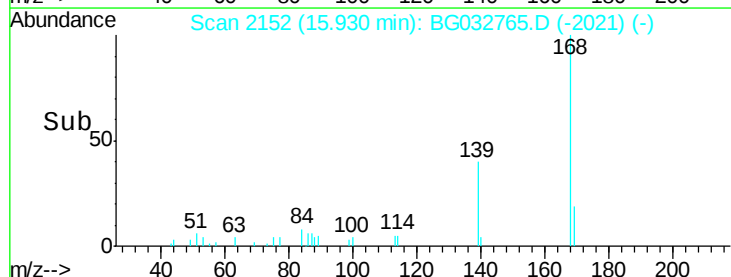
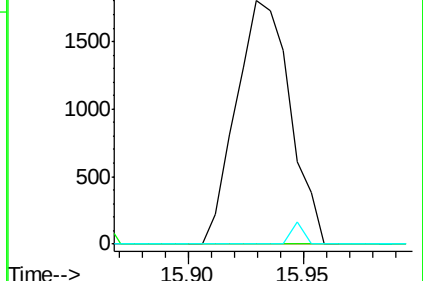
65 0.0 97.2 137.2#

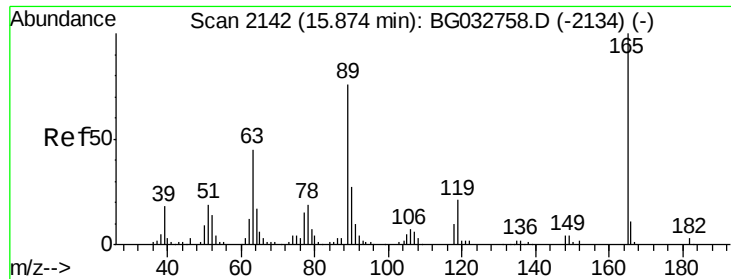


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

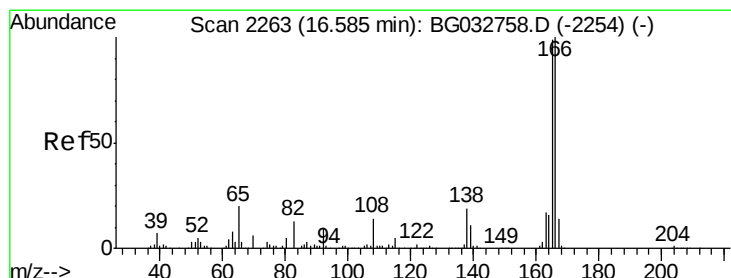
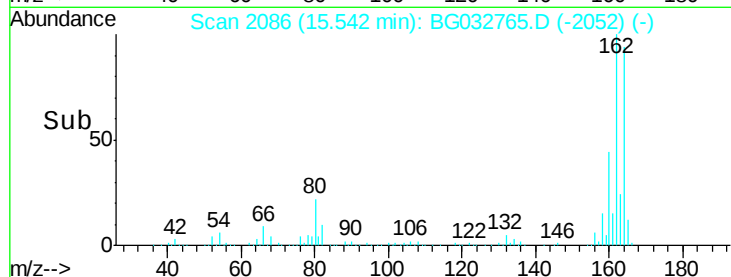
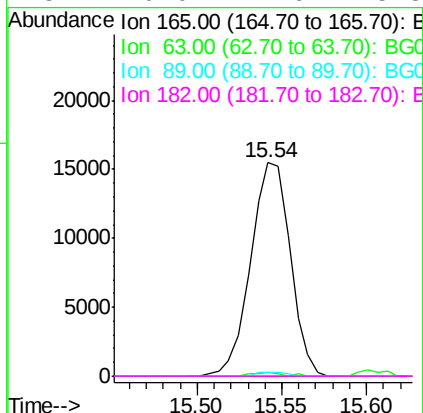
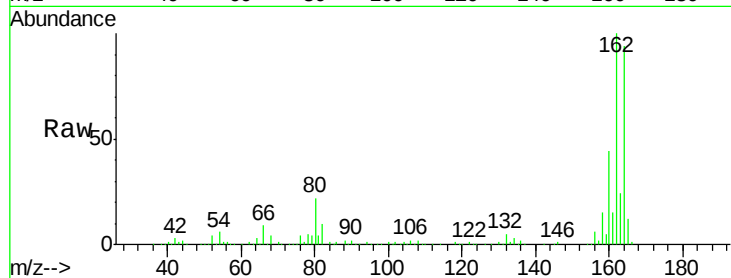




#56
2,4-Dinitrotoluene
Concen: 14.775 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.33 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

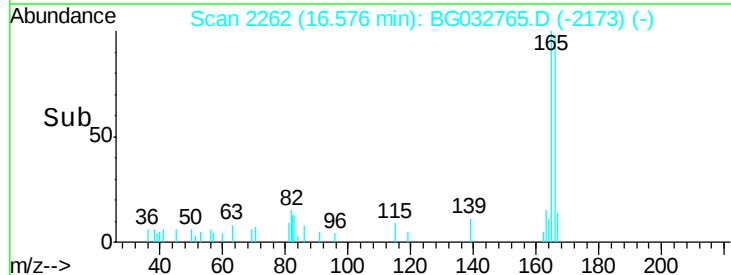
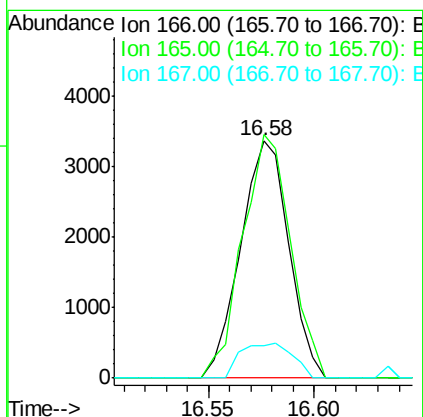
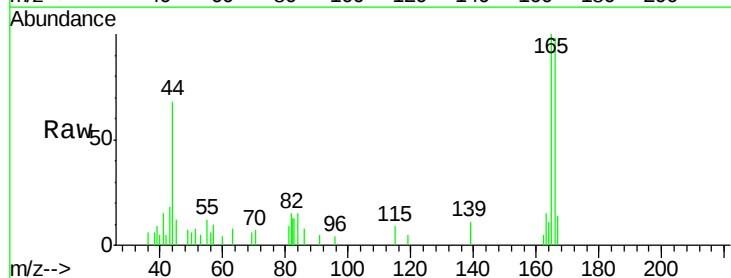
Instrument :
BNA_G
ClientSampleId :
OK-02-022018

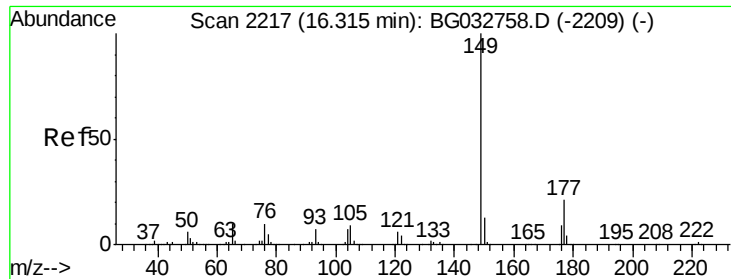
Tot Ion:165 Resp: 25279
Ion Ratio Lower Upper
165 100
63 1.9 42.0 63.0#
89 2.0 66.9 100.3#
182 0.0 2.6 3.8#



#57
Fluorene
Concen: 0.358 ng
RT: 16.58 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion:166 Resp: 5337
Ion Ratio Lower Upper
166 100
165 102.4 80.6 121.0
167 13.8 10.4 15.6

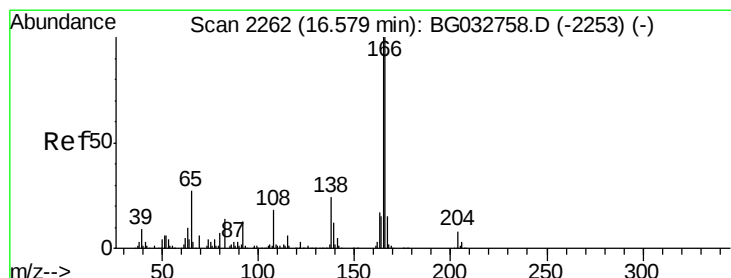
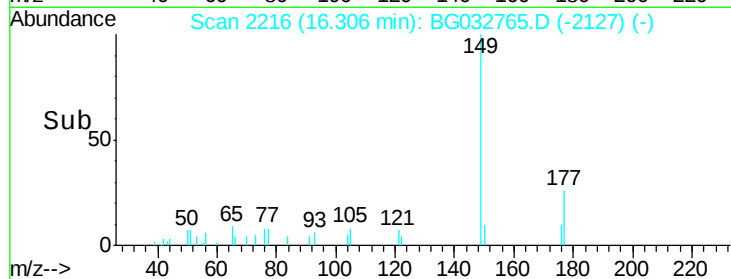
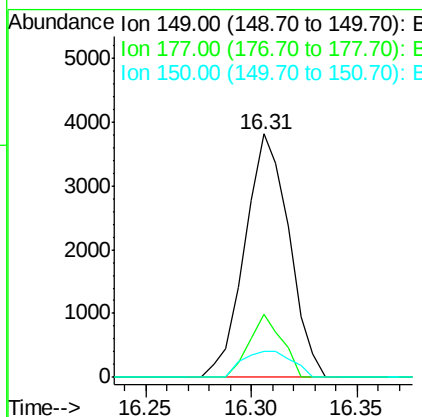
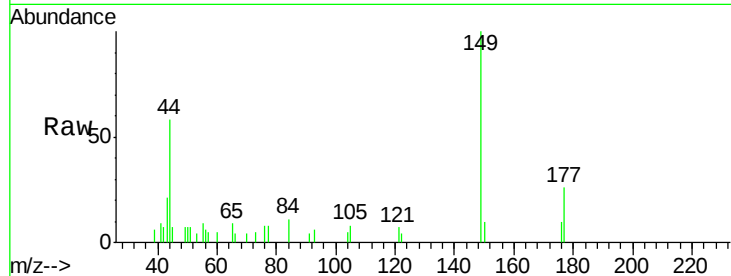




#59
Diethylphthalate
Concen: 0.324 ng
RT: 16.31 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

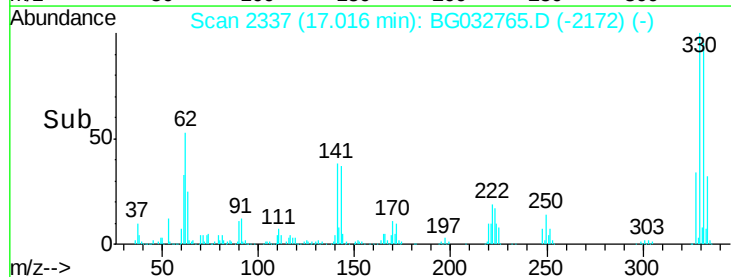
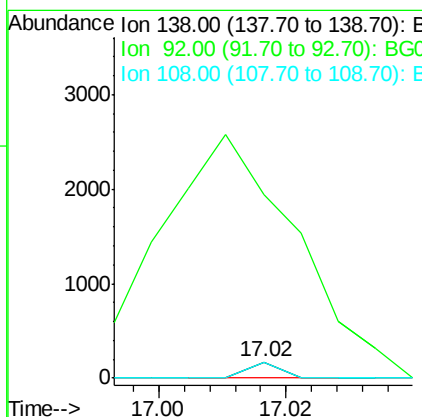
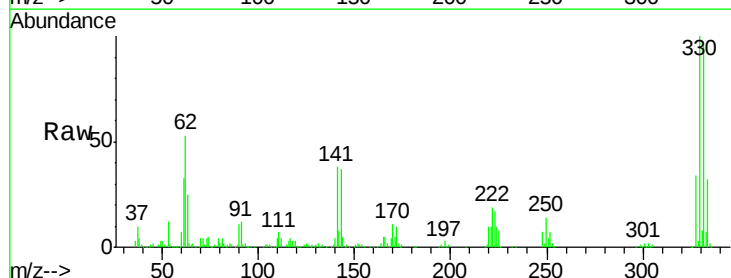
Instrument :
BNA_G
ClientSampleId :
OK-02-022018

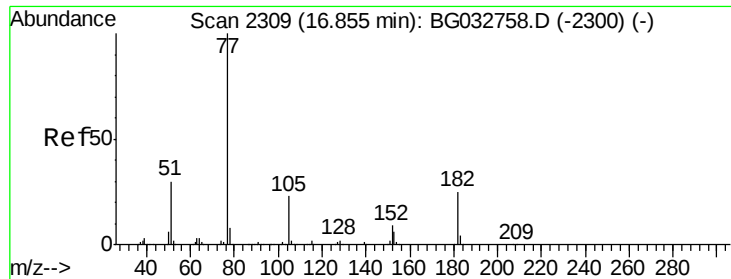
Tot Ion:149 Resp: 5530
Ion Ratio Lower Upper
149 100
177 26.0 18.5 27.7
150 10.5 10.2 15.2



#61
4-Nitroaniline
Concen: 5.315 ng
RT: 17.02 min Scan# 2337
Delta R.T. 0.44 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion:138 Resp: 61
Ion Ratio Lower Upper
138 100
92 1120.8 40.1 80.1#
108 100.6 65.4 105.4





#62

Azobenzene

Concen: 0.019 ng

RT: 16.85 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

Tot Ion: 77 Resp: 288

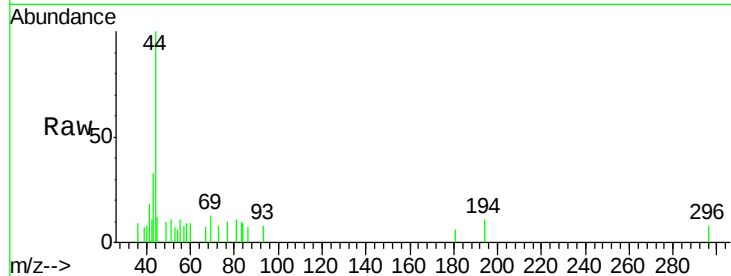
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 0.0 0.3 40.3#

51 111.1 11.6 51.6#

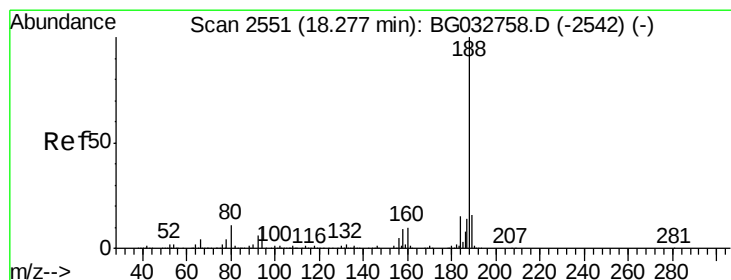
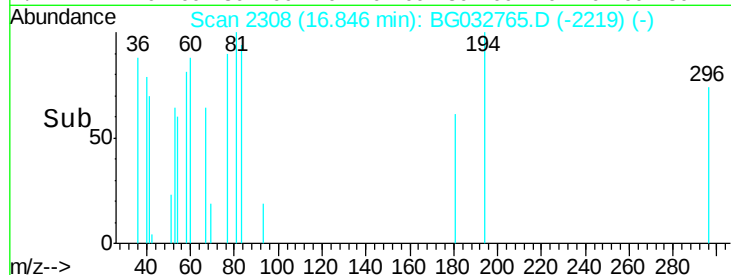
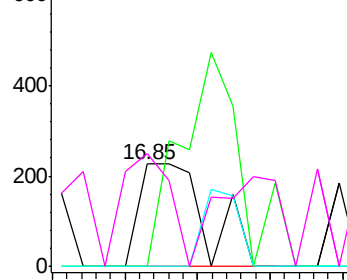


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2551

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

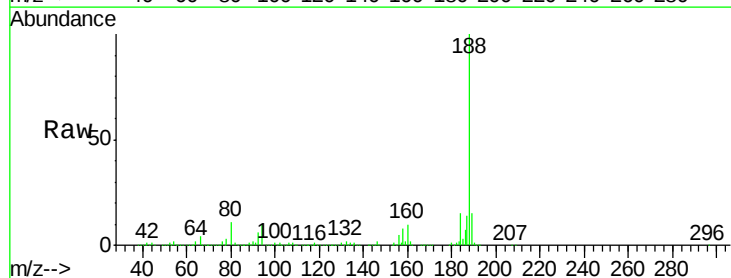
Tgt Ion: 188 Resp: 419181

Ion Ratio Lower Upper

188 100

94 9.7 6.9 10.3

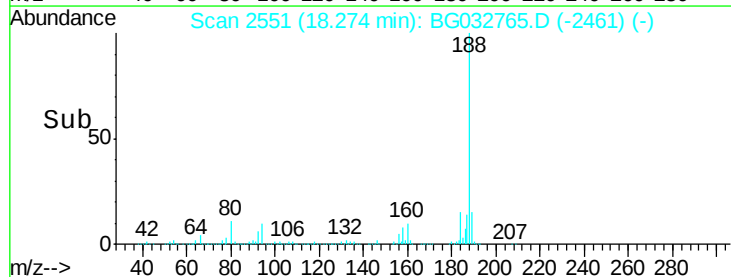
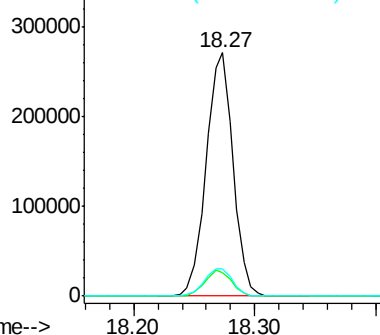
80 11.1 7.7 11.5

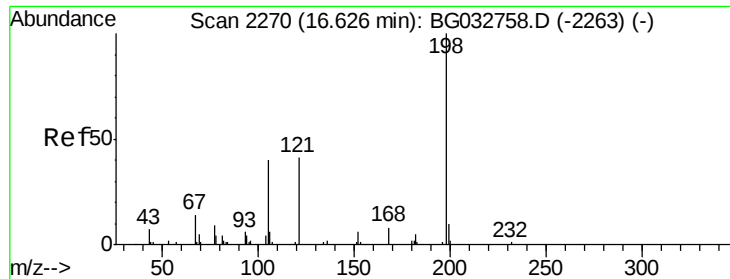


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 5.779 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.38 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

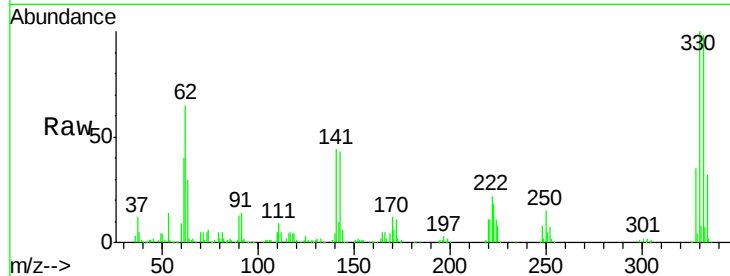
Tot Ion:198 Resp: 819

Ion Ratio Lower Upper

198 100

51 140.8 30.6 70.6#

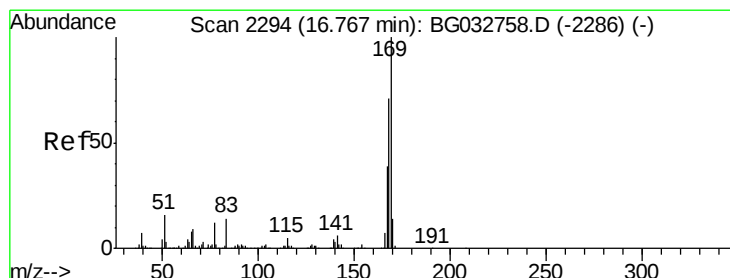
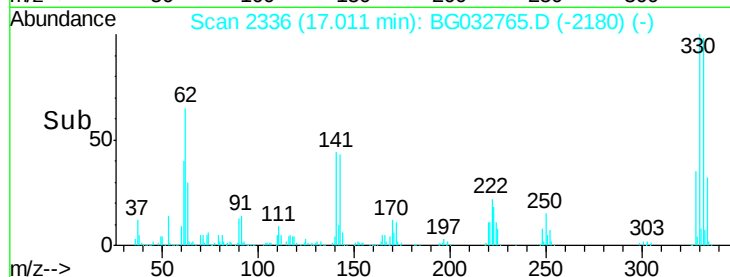
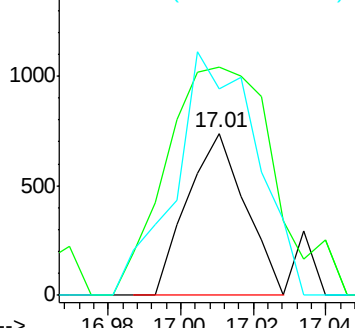
105 127.4 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG032758.D (-2263) (-)

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.936 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.24 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

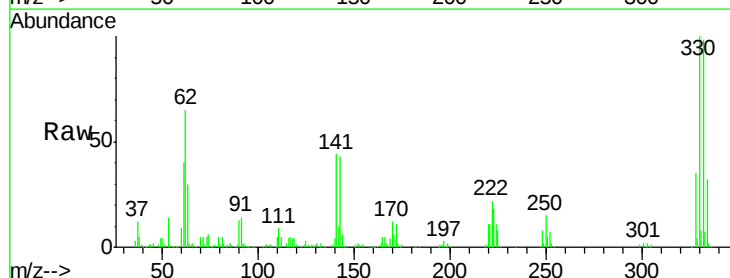
Tgt Ion:169 Resp: 12767

Ion Ratio Lower Upper

169 100

168 8.2 55.7 83.5#

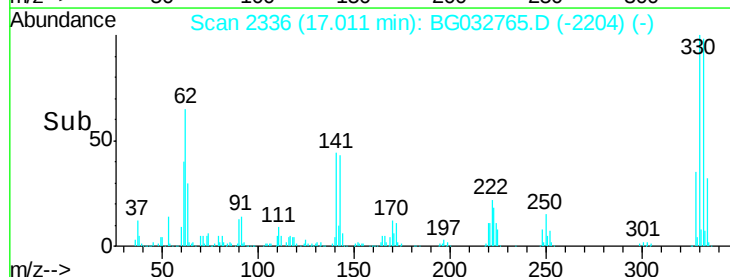
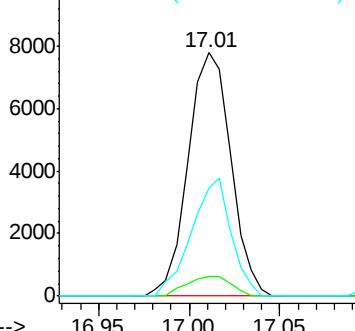
167 44.1 30.1 45.1

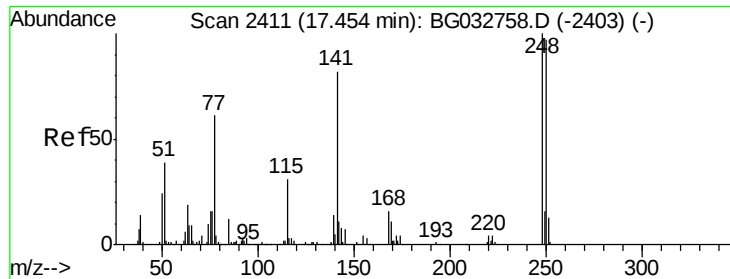


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

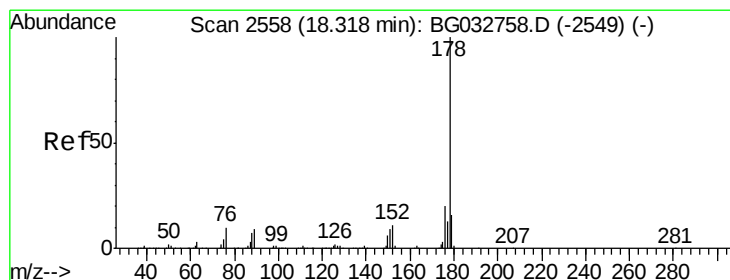
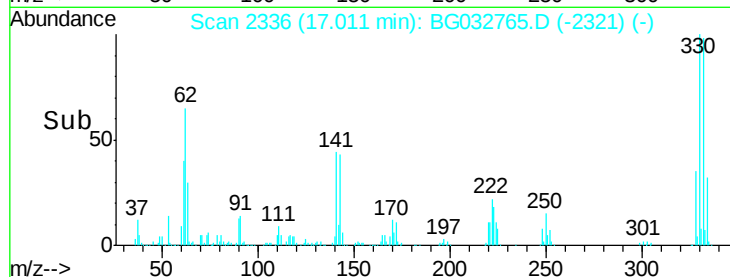
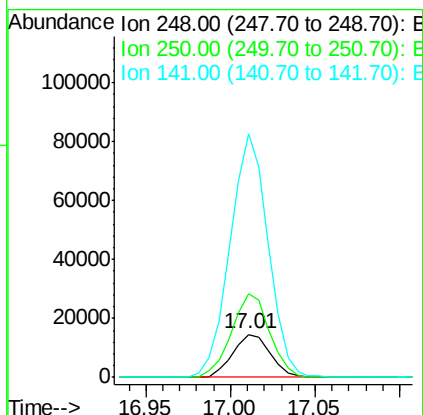
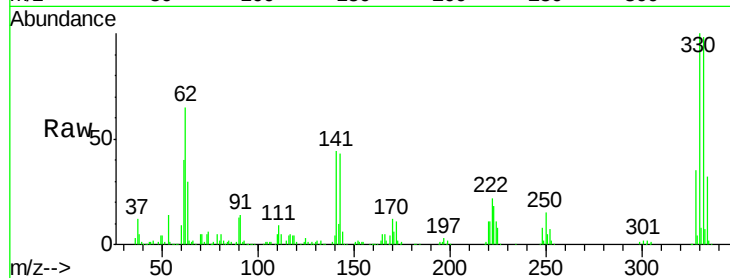




#66
4-Bromophenyl-phenylether
Concen: 5.026 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.44 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

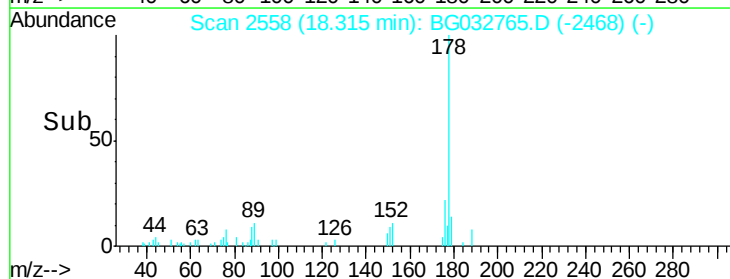
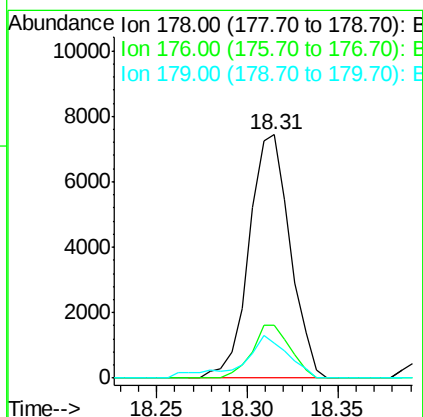
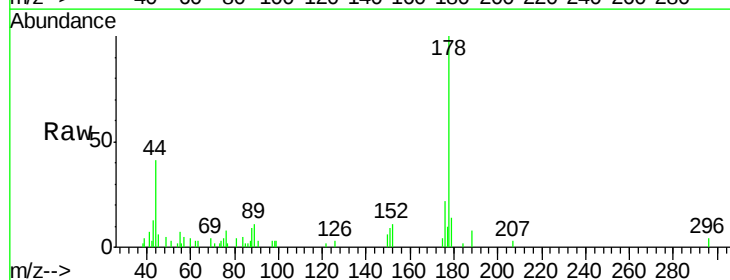
Instrument :
BNA_G
ClientSampleId :
OK-02-022018

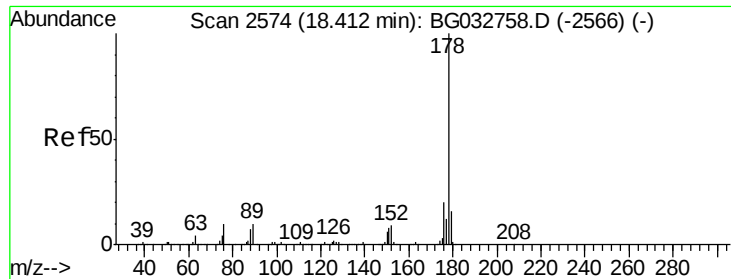
Tot Ion:248 Resp: 22278
Ion Ratio Lower Upper
248 100
250 193.5 77.1 115.7#
141 567.0 50.8 76.2#



#70
Phenanthrene
Concen: 0.502 ng
RT: 18.31 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion:178 Resp: 11745
Ion Ratio Lower Upper
178 100
176 21.5 15.7 23.5
179 14.4 12.5 18.7

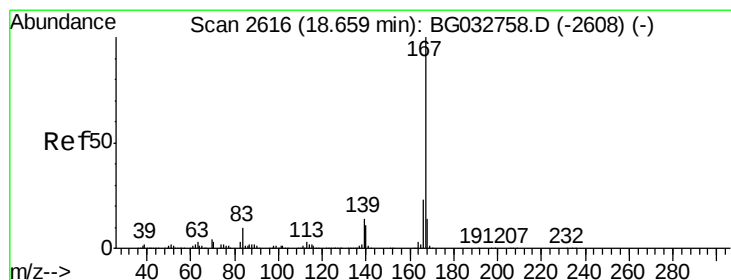
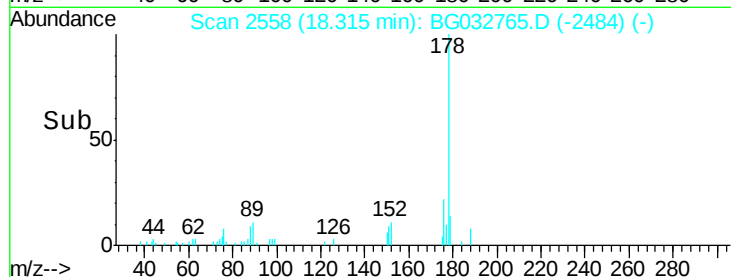
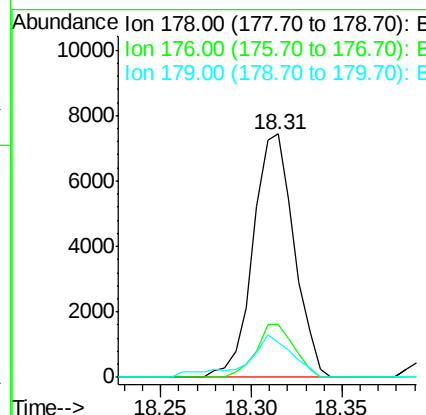
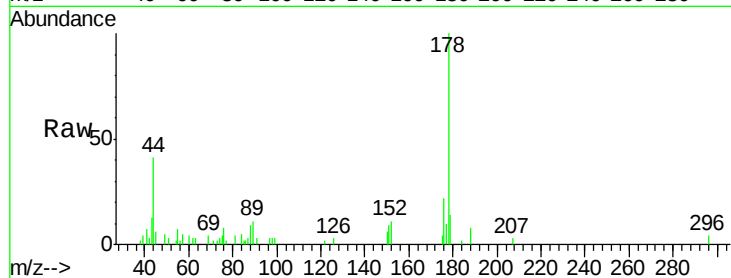




#71
 Anthracene
 Concen: 0.500 ng
 RT: 18.31 min Scan# 2558
 Delta R.T. -0.10 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

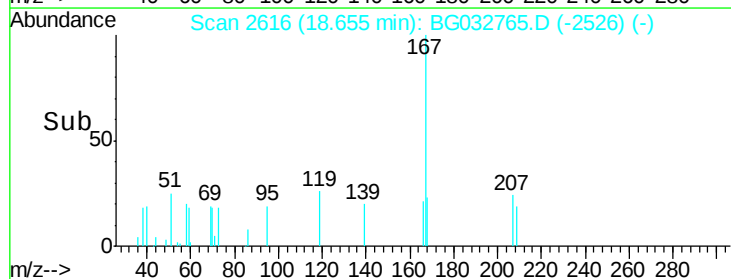
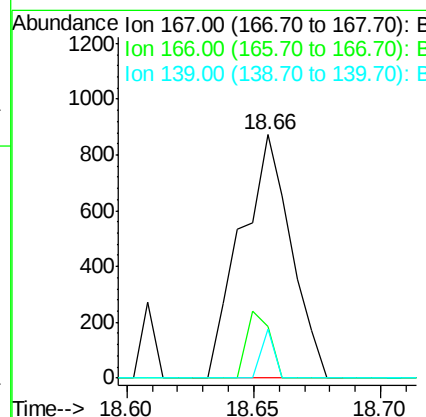
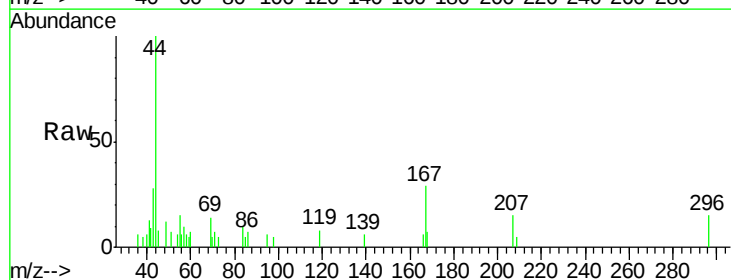
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022018

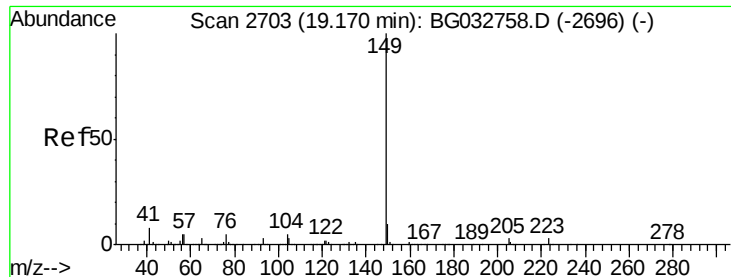
Tot Ion:178 Resp: 11745
 Ion Ratio Lower Upper
 178 100
 176 21.5 16.0 24.0
 179 14.4 12.5 18.7



#72
 Carbazole
 Concen: 0.052 ng
 RT: 18.66 min Scan# 2616
 Delta R.T. -0.00 min
 Lab File: BG032765.D
 Acq: 21 Feb 2018 18:26

Tgt Ion:167 Resp: 1201
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.2 27.4
 139 20.3 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 0.041 ng

RT: 19.17 min Scan# 2703

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

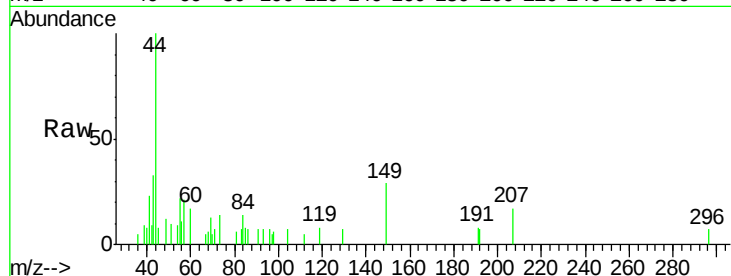
Tot Ion:149 Resp: 1159

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

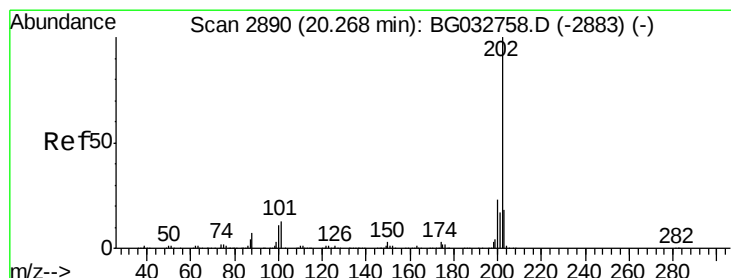
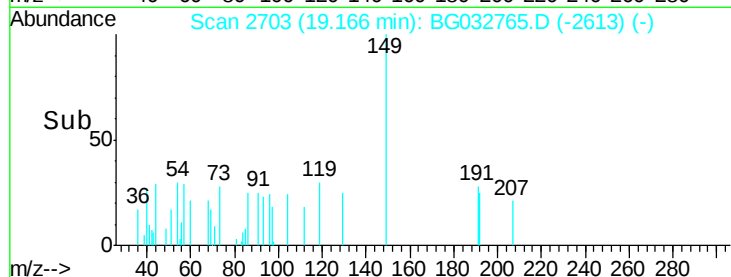
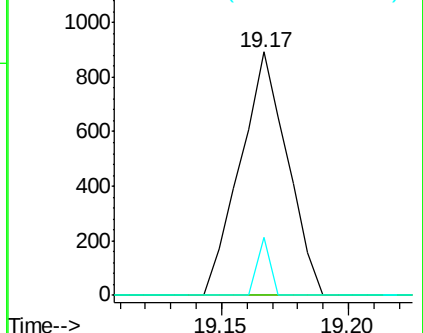
104 23.7 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.061 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

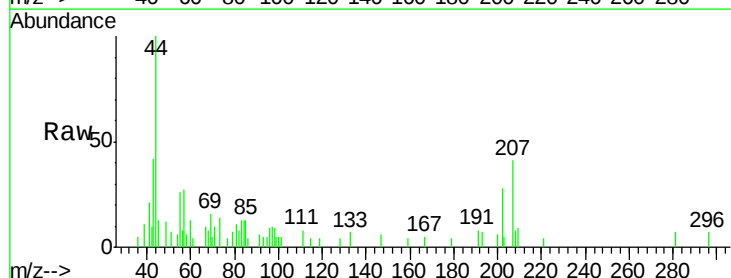
Tgt Ion:202 Resp: 1579

Ion Ratio Lower Upper

202 100

101 19.0 0.0 28.9

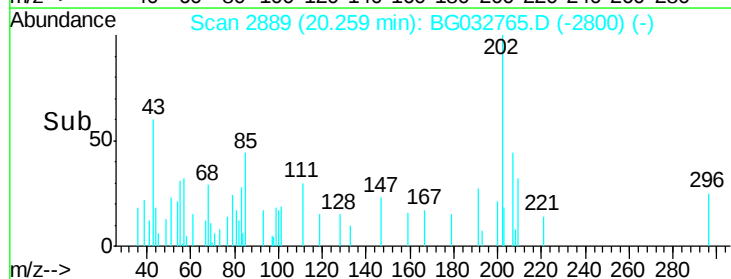
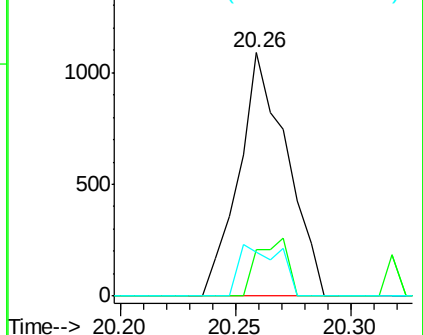
203 17.9 0.0 37.5

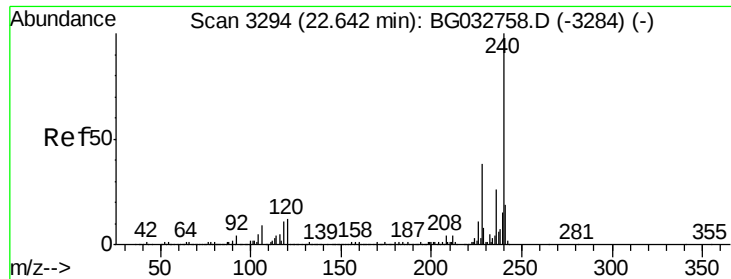


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.63 min Scan# 3293

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

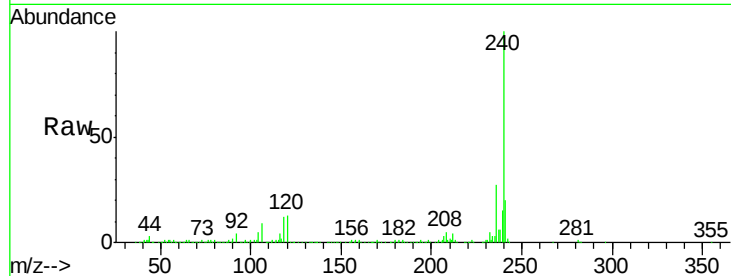
Tot Ion:240 Resp: 395331

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

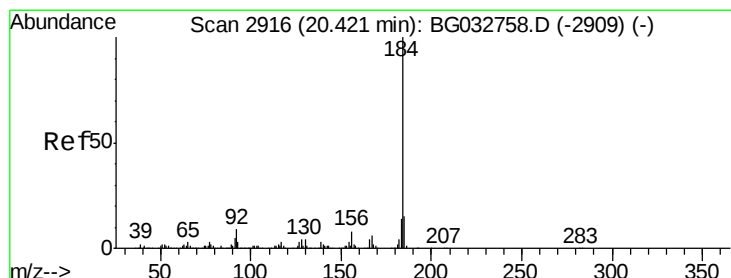
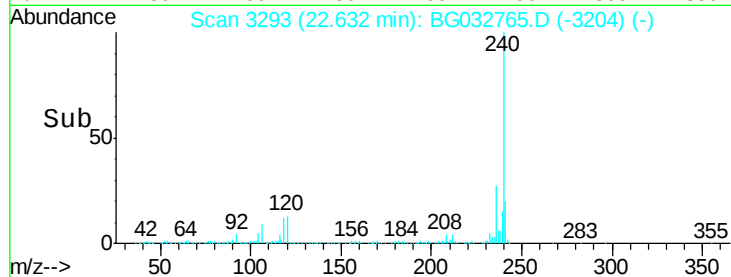
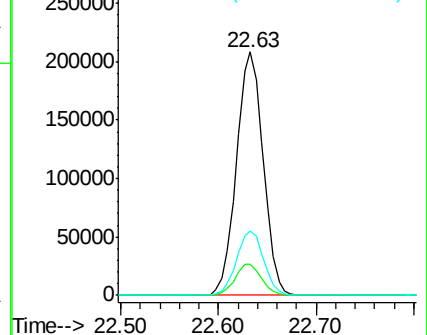
236 26.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.157 ng

RT: 20.79 min Scan# 2980

Delta R.T. 0.37 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

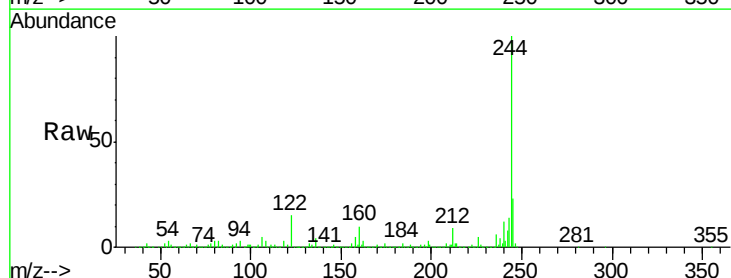
Tgt Ion:184 Resp: 29073

Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

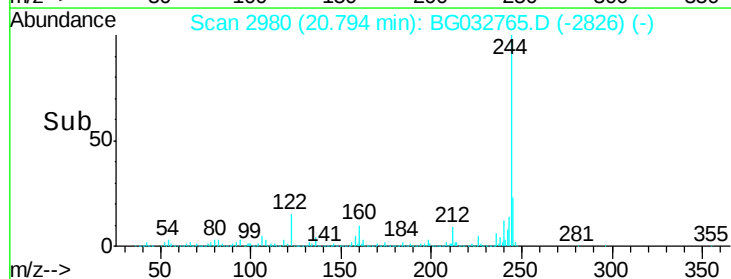
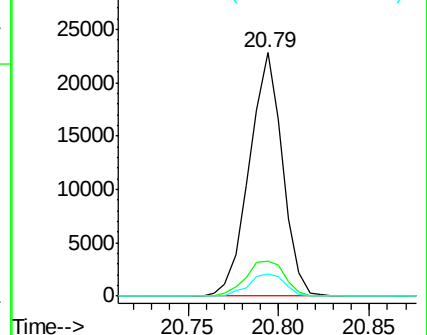
183 9.0 10.6 16.0#

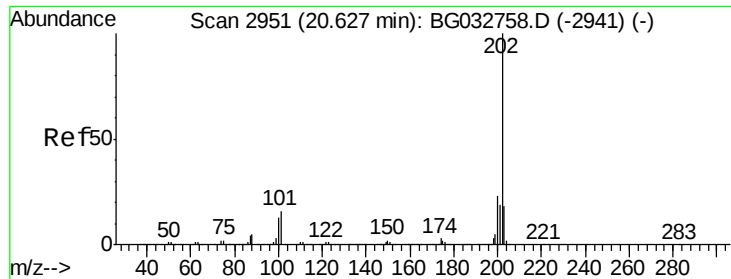


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.057 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.37 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

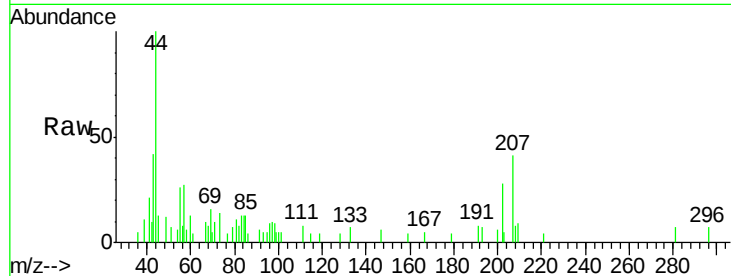
Tot Ion:202 Resp: 1579

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

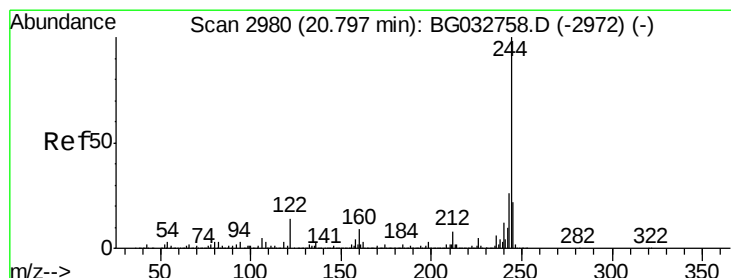
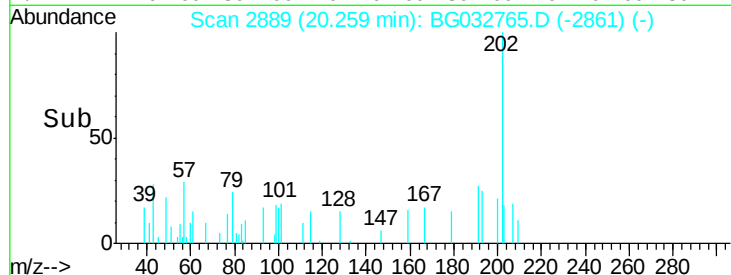
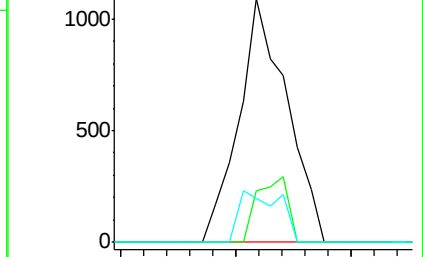
203 17.9 13.9 20.9



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: 92.901 ng

RT: 20.79 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

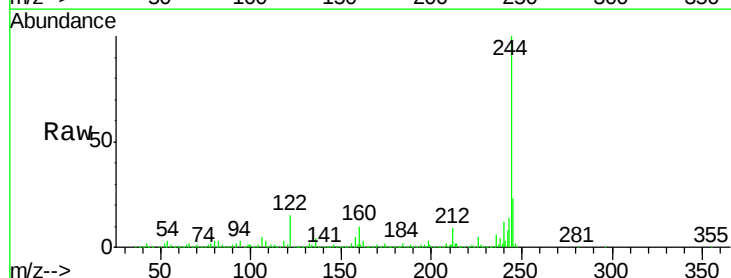
Tgt Ion:244 Resp: 1634668

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

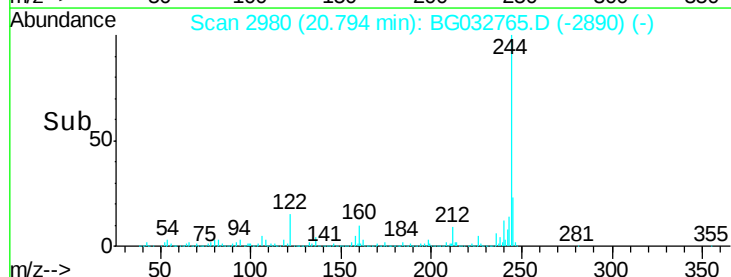
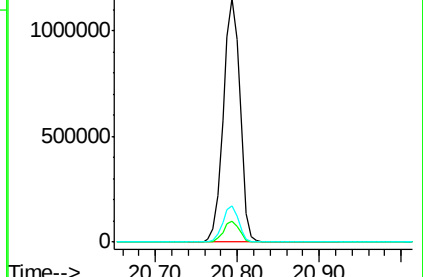
122 14.7 7.0 10.4#

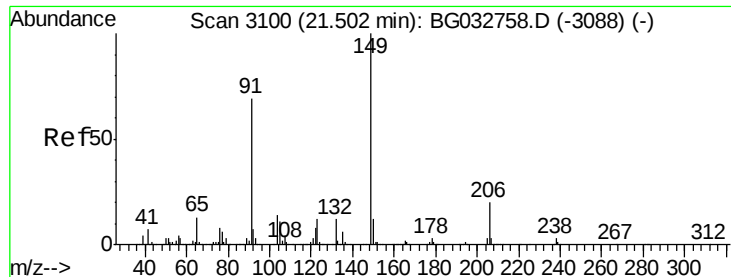


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

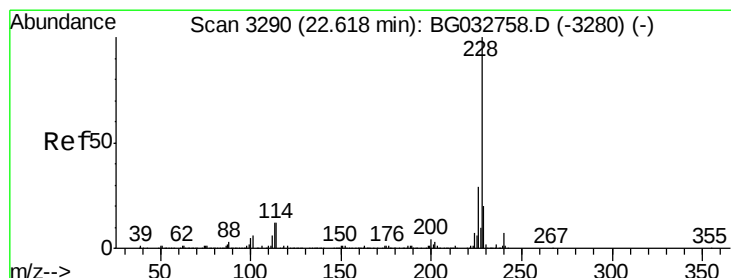
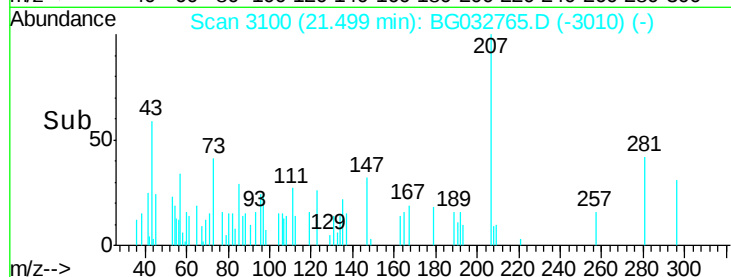
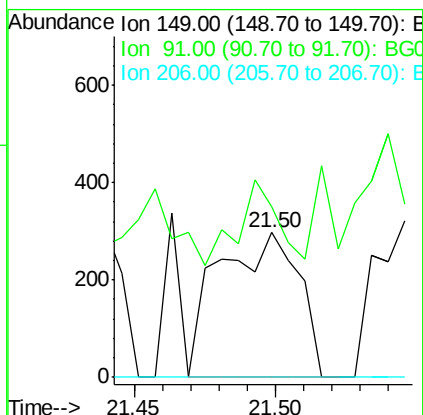
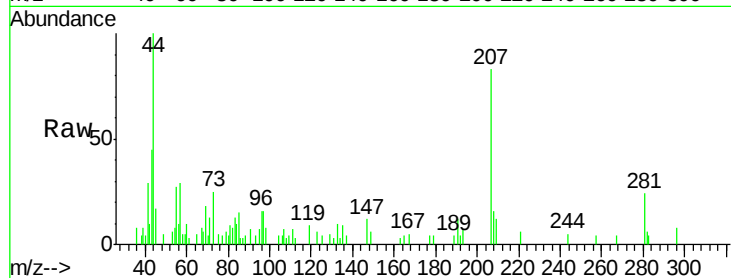




#79
Butylbenzylphthalate
Concen: 0.047 ng
RT: 21.50 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

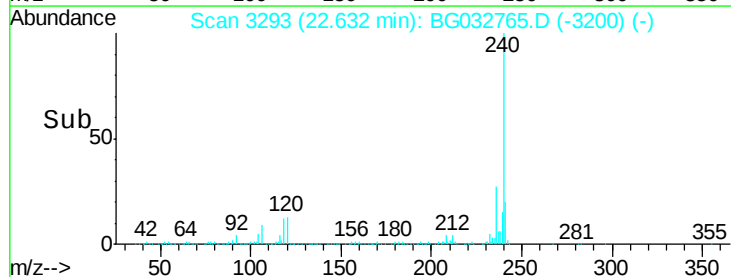
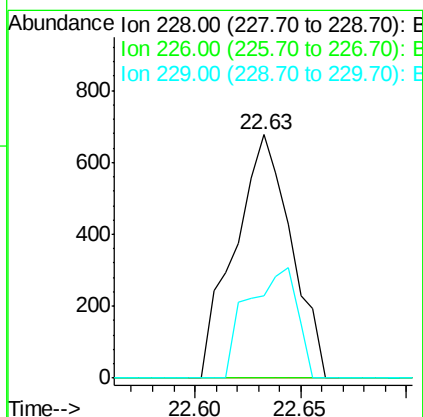
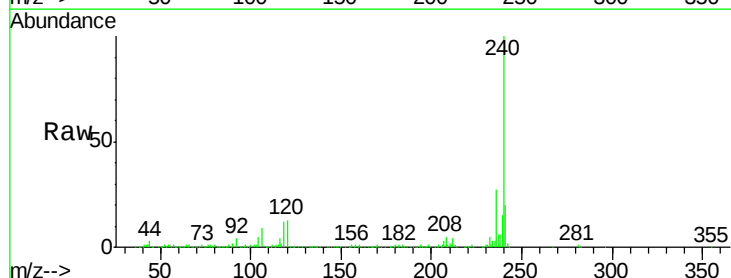
Instrument :
BNA_G
ClientSampleId :
OK-02-022018

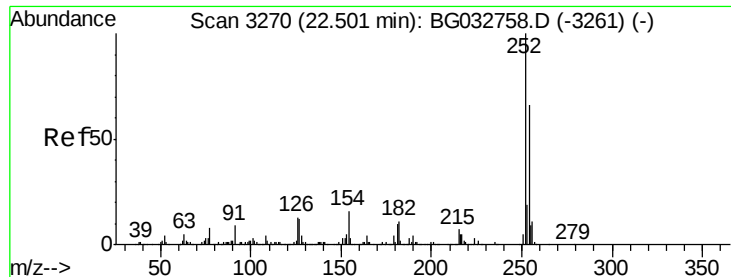
Tot Ion:149 Resp: 583
Ion Ratio Lower Upper
149 100
91 118.2 62.2 93.2#
206 0.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 0.050 ng
RT: 22.63 min Scan# 3293
Delta R.T. 0.01 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion:228 Resp: 1257
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 33.7 16.2 24.2#





#81

3,3'-Dichlorobenzidine

Concen: 0.006 ng

RT: 22.28 min Scan# 3233

Delta R.T. -0.22 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

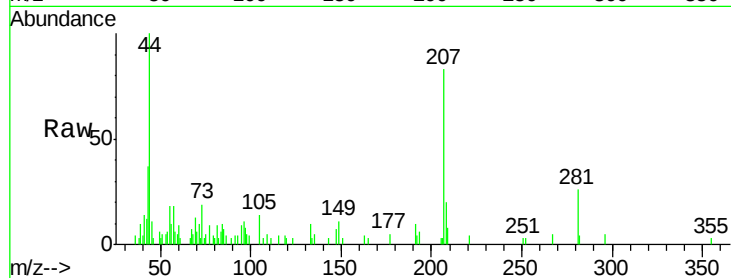
Instrument :

BNA_G

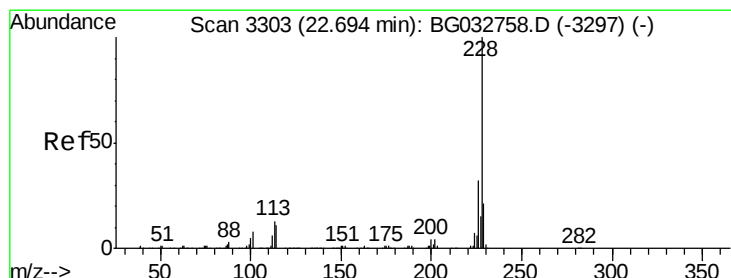
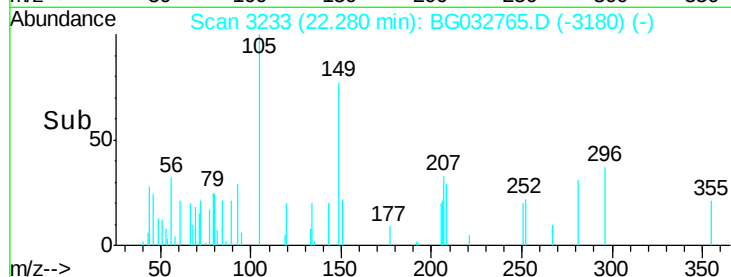
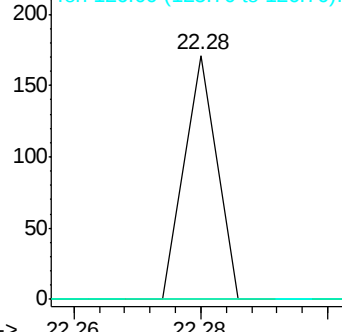
ClientSampleId :

OK-02-022018

Tot Ion:	252	Resp:	60
Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.8	76.2#
126	0.0	7.4	11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 0.052 ng

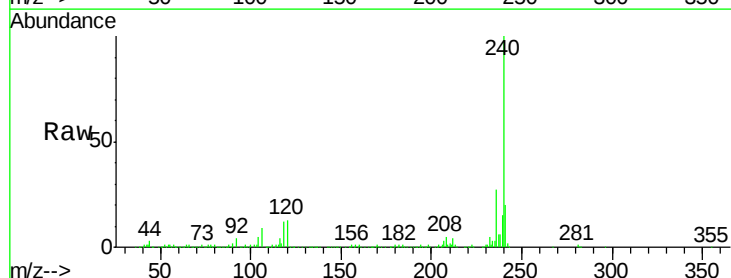
RT: 22.63 min Scan# 3293

Delta R.T. -0.06 min

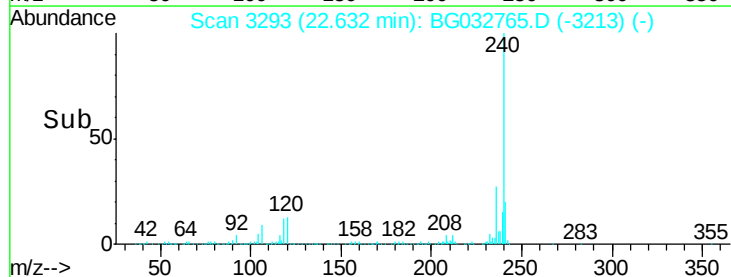
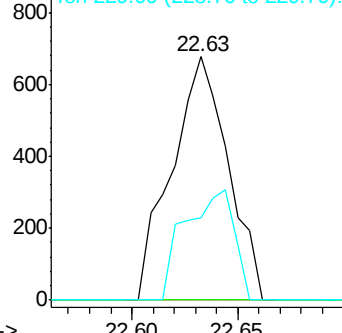
Lab File: BG032765.D

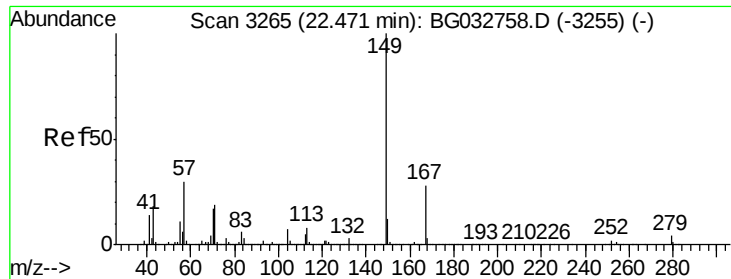
Acq: 21 Feb 2018 18:26

Tgt Ion:	228	Resp:	1257
Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	33.7	15.0	22.4#



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.464 ng

RT: 22.47 min Scan# 3265

Delta R.T. -0.00 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

Instrument :

BNA_G

ClientSampleId :

OK-02-022018

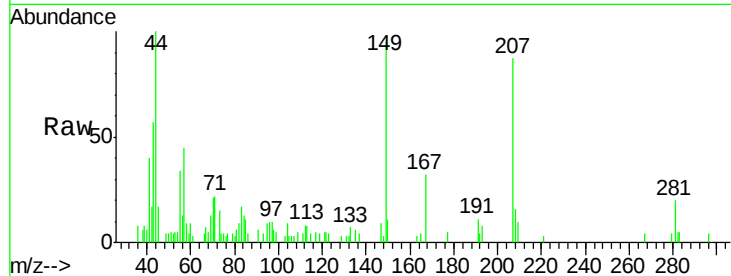
Tot Ion:149 Resp: 8482

Ion Ratio Lower Upper

149 100

167 33.2 24.3 36.5

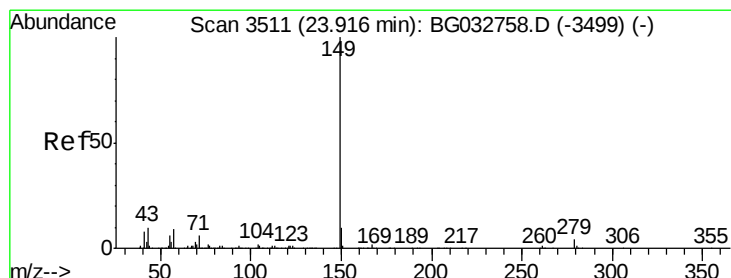
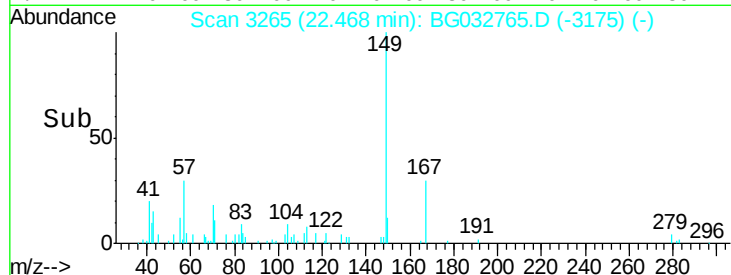
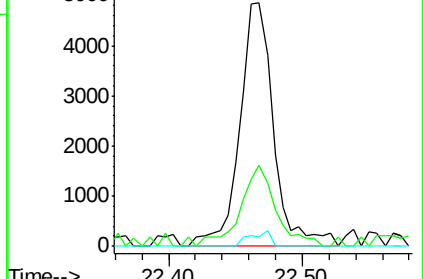
279 3.8 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.020 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.01 min

Lab File: BG032765.D

Acq: 21 Feb 2018 18:26

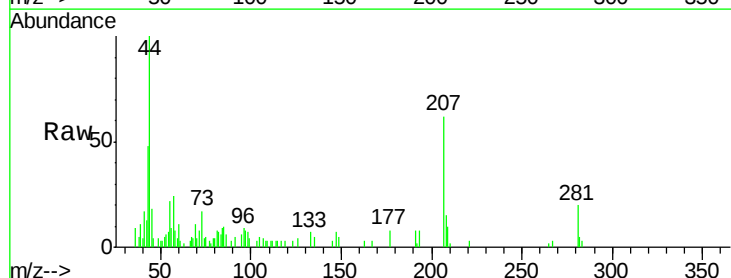
Tgt Ion:149 Resp: 556

Ion Ratio Lower Upper

149 100

167 72.1 1.4 2.0#

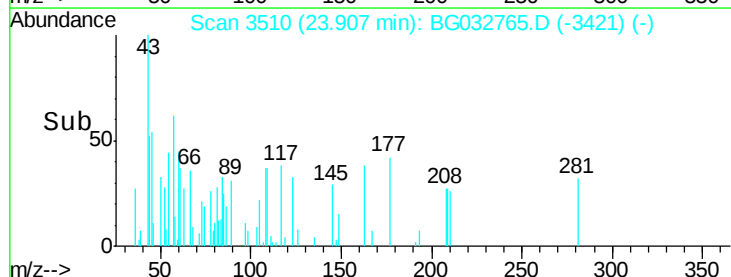
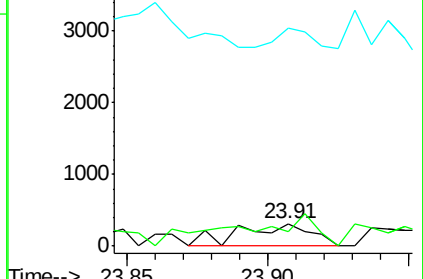
43 40.8 8.9 13.3#

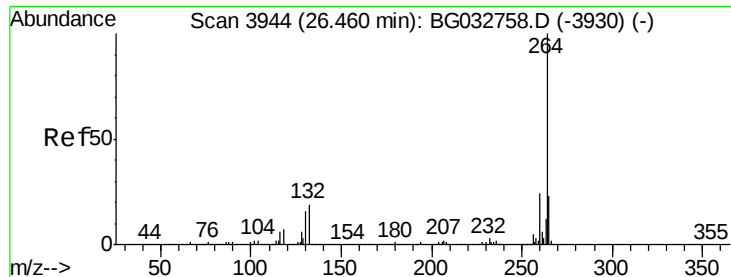


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

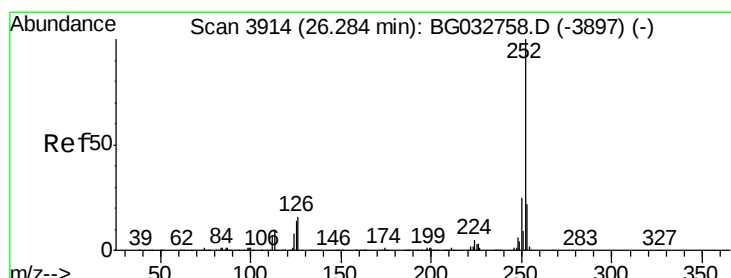
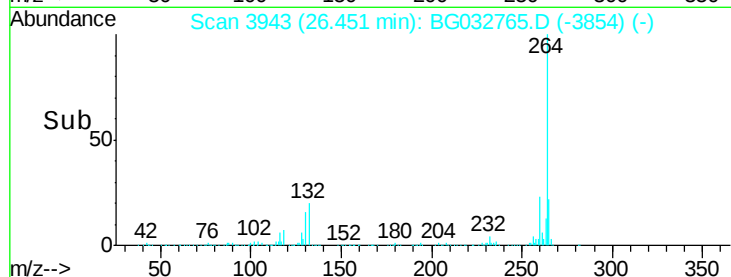
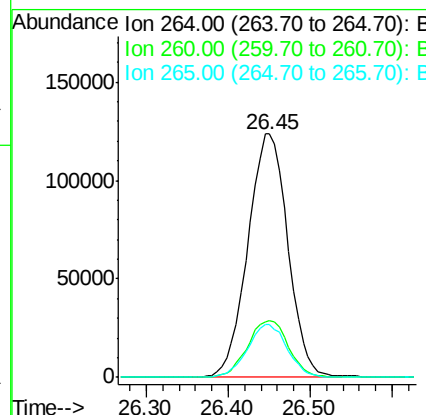
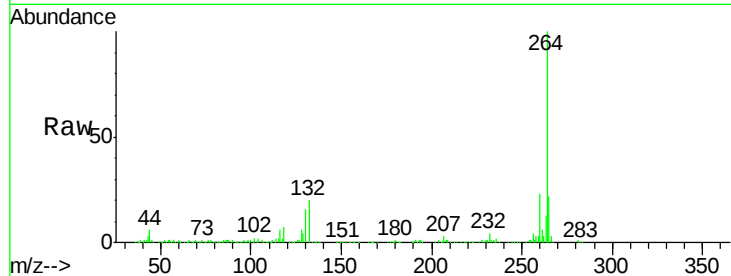




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.45 min Scan# 3943
Delta R.T. -0.01 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Instrument :
BNA_G
ClientSampleId :
OK-02-022018

Tot Ion:264 Resp: 420220
Ion Ratio Lower Upper
264 100
260 23.5 17.4 26.0
265 21.8 17.7 26.5



#89
Benzo(a)pyrene
Concen: 0.033 ng
RT: 26.43 min Scan# 3939
Delta R.T. 0.14 min
Lab File: BG032765.D
Acq: 21 Feb 2018 18:26

Tgt Ion:252 Resp: 780
Ion Ratio Lower Upper
252 100
253 0.0 18.3 27.5#
125 37.8 7.3 10.9#

