

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022118\
 Data File : BG032766.D
 Acq On : 21 Feb 2018 19:04
 Operator : SJ/JU
 Sample : J1403-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-022018

Quant Time: Feb 22 06:15:04 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	79487	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	341805	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	190478	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	418971	20.00	ng	0.00
75) Chrysene-d12	22.63	240	404975	20.00	ng	-0.01
86) Perylene-d12	26.45	264	431802	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.34	112	597731	120.31	ng	0.00
7) Phenol-d6	8.02	99	708857	102.36	ng	0.00
23) Nitrobenzene-d5	10.13	82	498936	99.40	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	290272	144.93	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1136252	86.03	ng	0.00
78) Terphenyl-d14	20.79	244	1600675	88.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.99	88	589	0.273	ng	# 1
3) Pyridine	4.50	79	57	0.010	ng	# 1
4) n-Nitrosodimethylamine	4.35	42	393	0.165	ng	# 1
6) Aniline	8.44	93	1125	0.120	ng	# 1
8) 2-Chlorophenol	8.48	128	98	0.018	ng	# 69
9) Benzaldehyde	8.02	77	1178	0.295	ng	# 5
10) Phenol	8.45	94	1620	0.232	ng	# 1
11) bis(2-Chloroethyl)ether	8.44	93	1125	0.197	ng	# 1
15) Benzyl Alcohol	9.27	79	8577	1.685	ng	# 36
16) 2,2'-oxybis(1-Chloropropan	9.45	45	175	0.018	ng	# 75
18) Hexachloroethane	10.08	117	57	0.026	ng	# 1
19) n-Nitroso-di-n-propylamine	10.13	70	66380	13.577	ng	# 82
22) Acetophenone	9.77	105	1057	0.122	ng	# 74
24) Nitrobenzene	10.13	77	1669	6.646	ng	# 42
25) Isophorone	10.74	82	56	0.005	ng	# 69
27) 2,4-Dimethylphenol	10.95	122	273	0.052	ng	# 1
31) Naphthalene	11.87	128	55185	3.090	ng	# 98
32) Benzoic acid	10.95	122	273	5.918	ng	# 70
33) 4-Chloroaniline	11.87	127	7517	0.941	ng	# 28
37) 2-Methylnaphthalene	13.41	142	7509	0.581	ng	# 94
45) 1,1'-Biphenyl	14.39	154	4106	0.247	ng	# 85
47) 2-Nitroaniline	14.17	65	2169	10.386	ng	# 14
48) Acenaphthylene	15.27	152	1835	0.090	ng	# 82
50) 2,6-Dinitrotoluene	15.54	165	24423	16.330	ng	# 20
51) Acenaphthene	15.61	154	2409	0.190	ng	# 96
54) Dibenzofuran	15.93	168	4702	0.260	ng	# 88
55) 4-Nitrophenol	15.93	139	1767	7.689	ng	# 1
56) 2,4-Dinitrotoluene	15.54	165	24423	14.528	ng	# 18
57) Fluorene	16.58	166	3849	0.258	ng	# 95
59) Diethylphthalate	16.31	149	3089	0.181	ng	# 98
62) Azobenzene	17.01	77	2037	0.133	ng	# 27
64) 4,6-Dinitro-2-methylphenol	17.02	198	786	5.746	ng	# 1
65) n-Nitrosodiphenylamine	17.01	169	11310	0.830	ng	# 48
66) 4-Bromophenyl-phenylether	17.01	248	20470	4.621	ng	# 1

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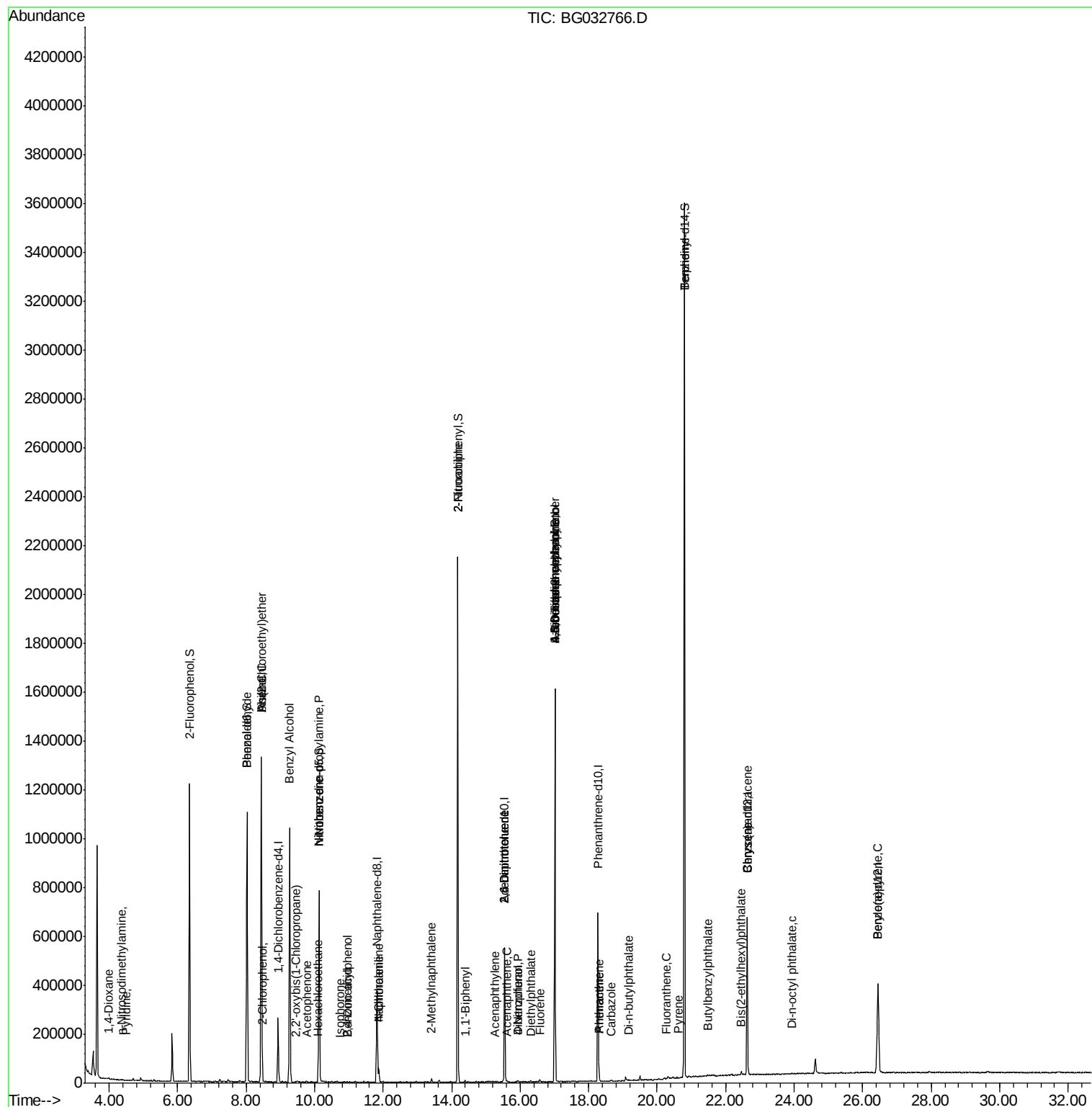
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) Phenanthrene	18.31	178	8225	0.352	nq	94
71) Anthracene	18.31	178	8225	0.350	nq	95
72) Carbazole	18.65	167	3483	0.151	nq	# 95
73) Di-n-butylphthalate	19.17	149	1247	0.044	nq	# 78
74) Fluoranthene	20.26	202	1090	0.042	nq	85
76) Benzidine	20.79	184	27906	2.022	nq	# 95
77) Pyrene	20.62	202	828	0.029	nq	# 60
79) Butylbenzylphthalate	21.49	149	274	0.022	nq	# 31
80) Benzo(a)anthracene	22.63	228	1226	0.047	nq	# 59
82) Chrysene	22.63	228	1226	0.049	nq	# 54
83) Bis(2-ethylhexyl)phthalate	22.46	149	6898	0.368	nq	98
84) Di-n-octyl phthalate	23.91	149	138	0.005	nq	# 1
89) Benzo(a)pyrene	26.45	252	1463	0.060	nq	# 52

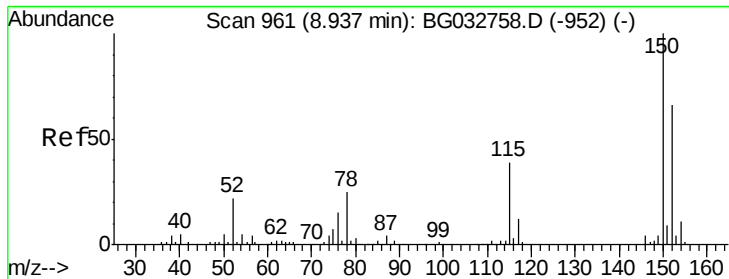
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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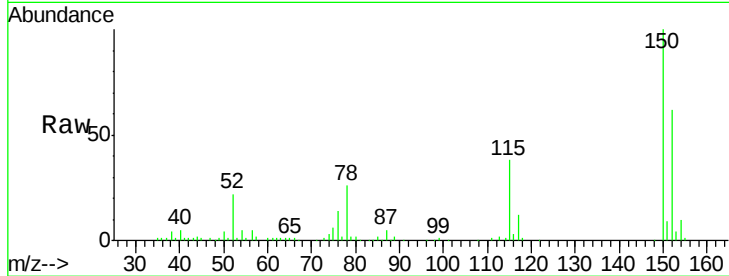


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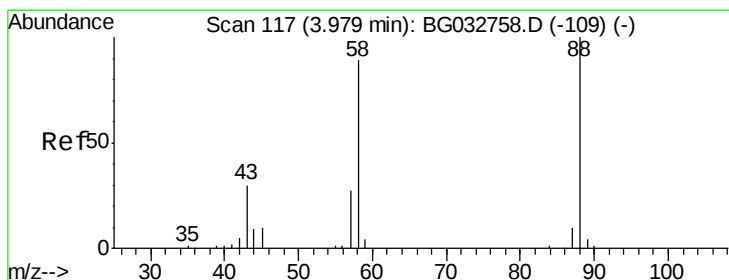
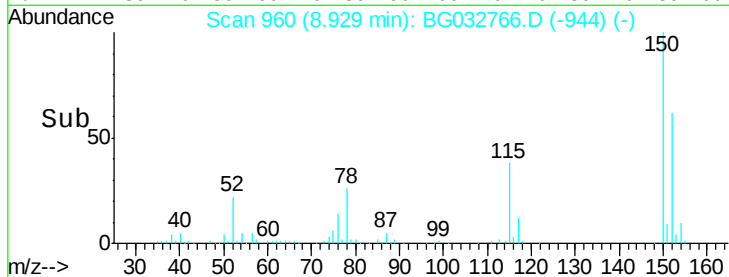
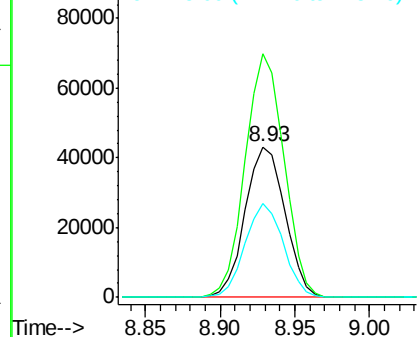
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Instrument :
BNA_G
ClientSampleId :
SU-04-022018

Tot Ion:152 Resp: 79487
Ion Ratio Lower Upper
152 100
150 162.1 126.6 189.8
115 62.4 53.0 79.4



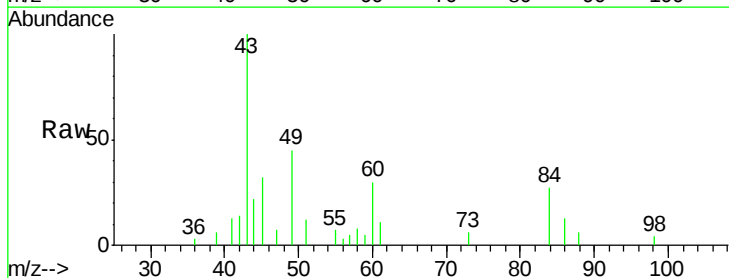
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



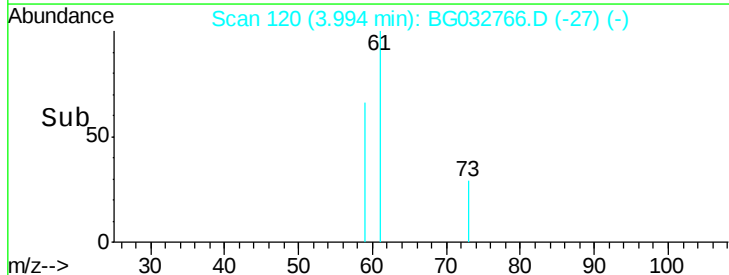
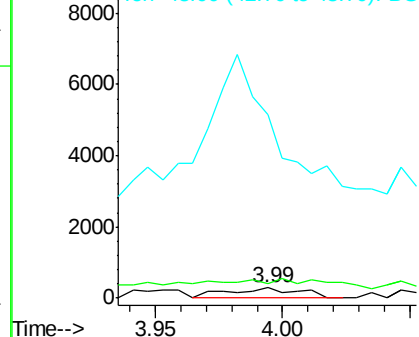
#2

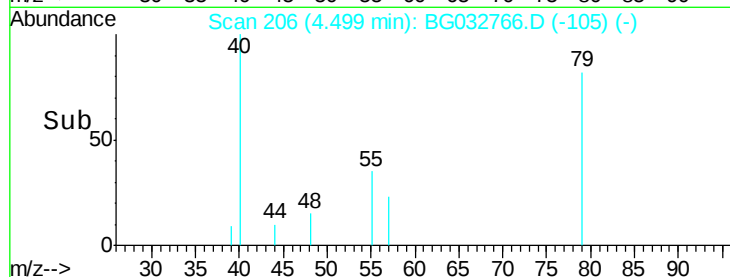
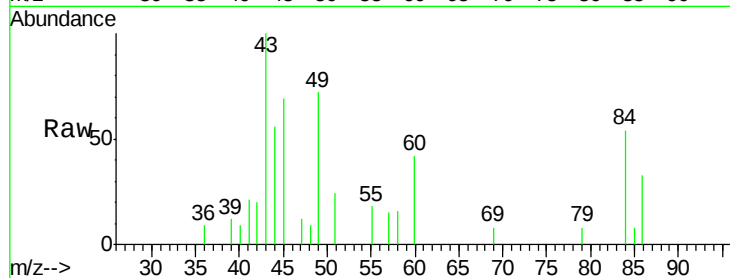
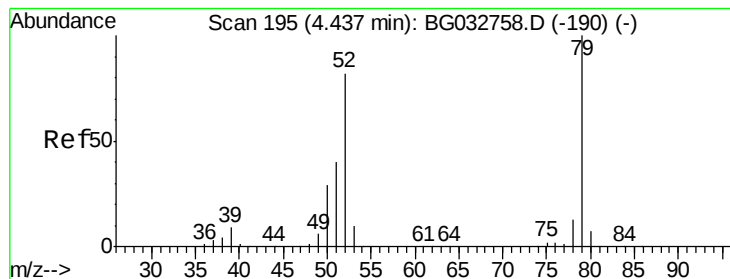
1,4-Dioxane
Concen: 0.273 ng
RT: 3.99 min Scan# 120
Delta R.T. 0.02 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion: 88 Resp: 589
Ion Ratio Lower Upper
88 100
58 0.0 79.6 119.4#
43 1298.5 27.4 41.0#



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





#3

Pvridine

Concen: 0.010 ng

RT: 4.50 min Scan# 206

Delta R.T. 0.06 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

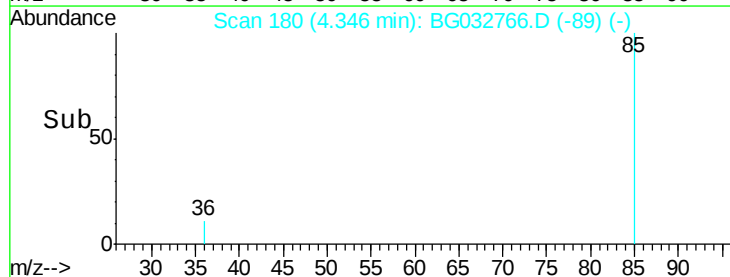
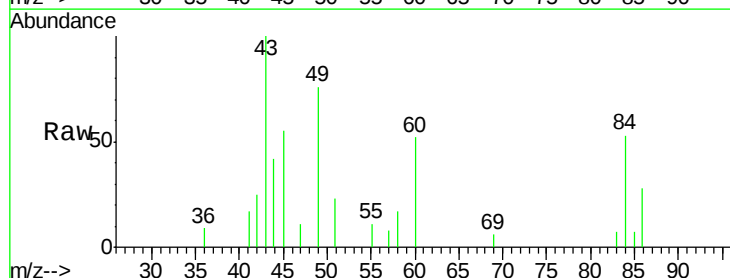
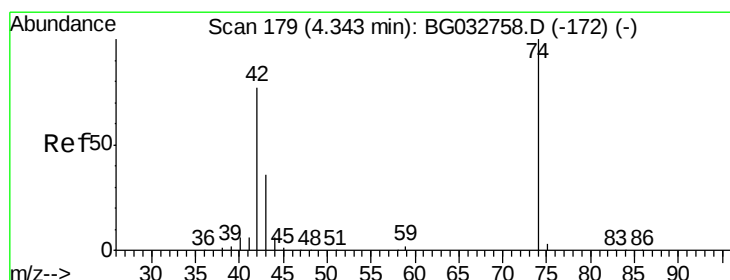
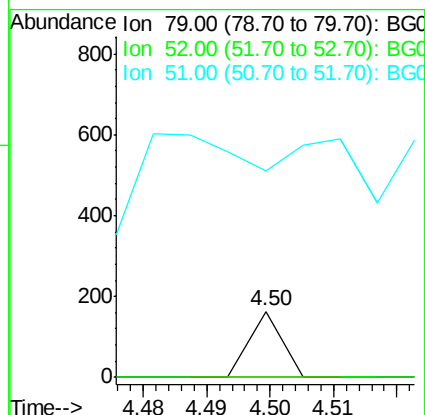
Tot Ion: 79 Resp: 57

Ion Ratio Lower Upper

79 100

52 0.0 69.9 104.9#

51 313.5 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 0.165 ng

RT: 4.35 min Scan# 180

Delta R.T. 0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

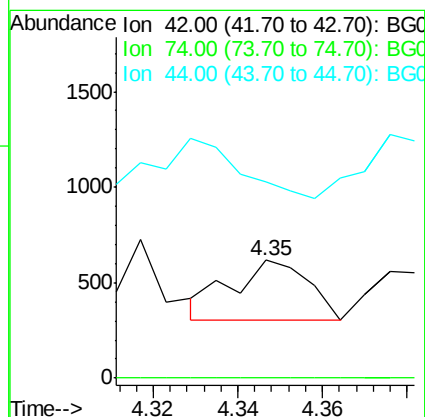
Tgt Ion: 42 Resp: 393

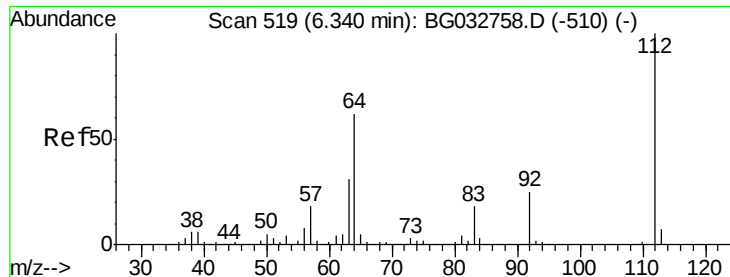
Ion Ratio Lower Upper

42 100

74 0.0 102.5 153.7#

44 167.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 120.307 ng

RT: 6.34 min Scan# 520

Delta R.T. 0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

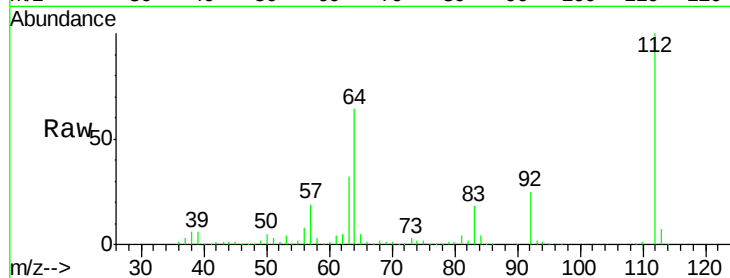
Tot Ion:112 Resp: 597731

Ion Ratio Lower Upper

112 100

64 63.9 56.3 84.5

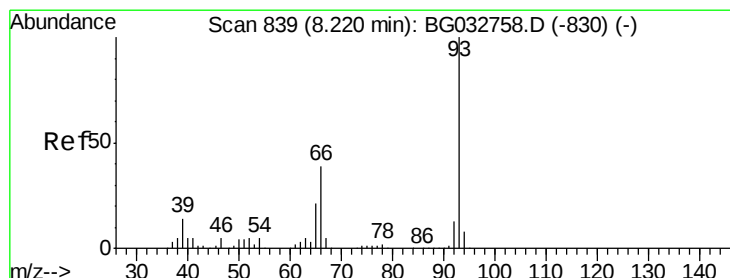
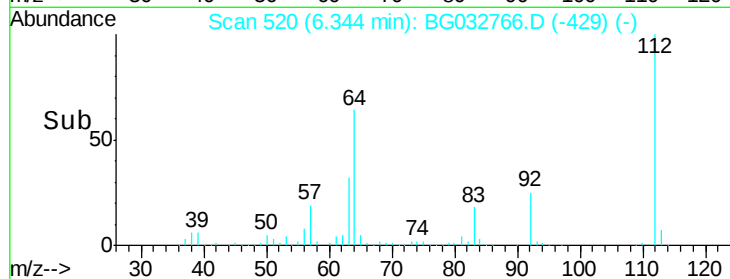
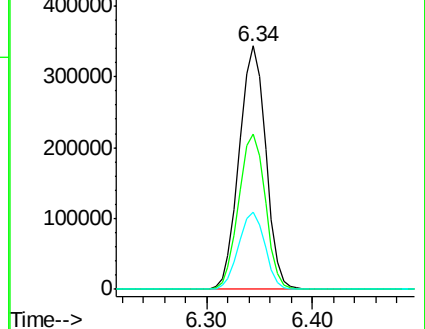
63 31.6 30.1 45.1



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: 0.120 ng

RT: 8.44 min Scan# 877

Delta R.T. 0.22 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

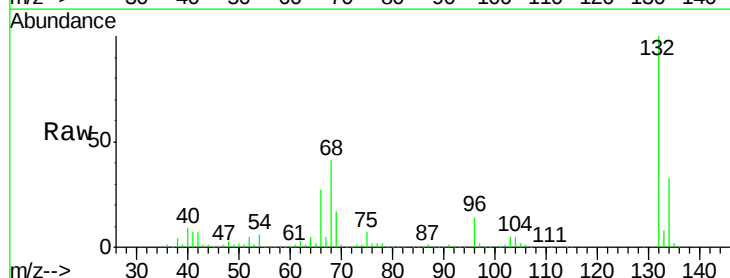
Tgt Ion: 93 Resp: 1125

Ion Ratio Lower Upper

93 100

66 14425.9 33.7 50.5#

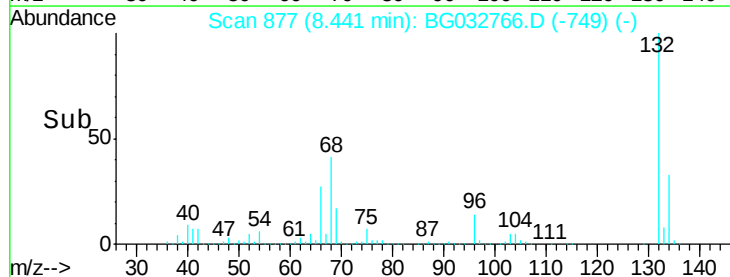
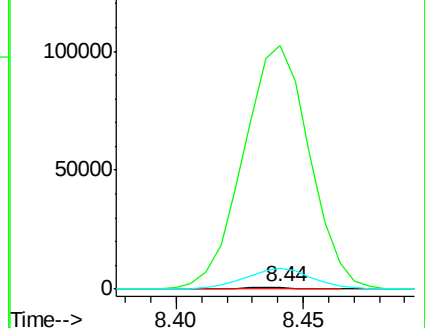
65 1216.8 16.1 24.1#

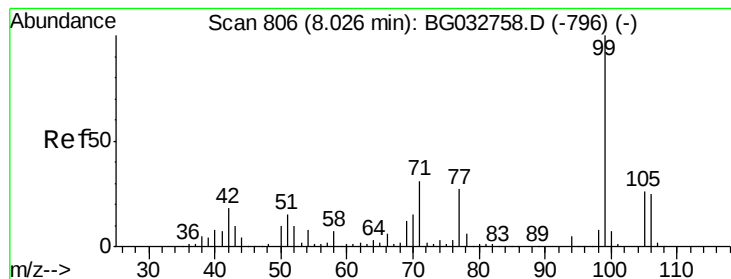


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.358 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG032766.D

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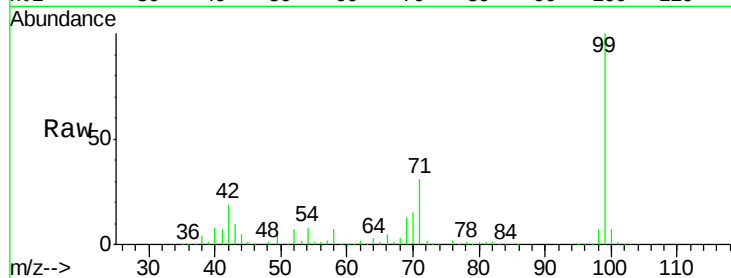
Tot Ion: 99 Resp: 708857

Ion Ratio Lower Upper

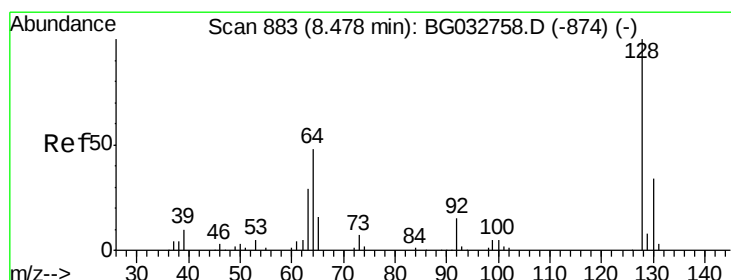
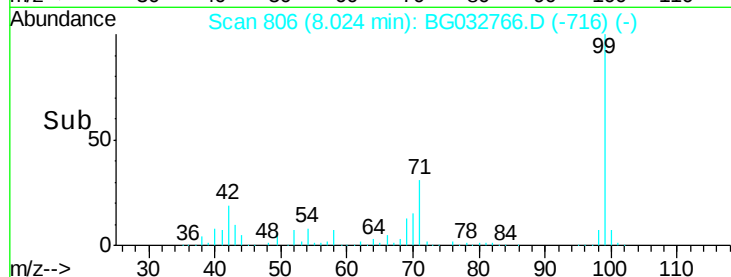
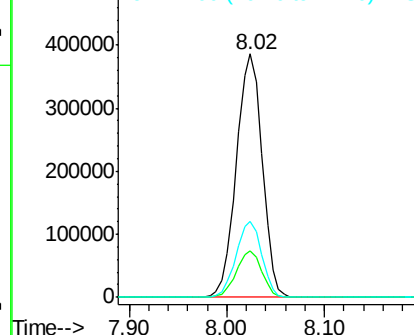
99 100

42 19.2 14.1 21.1

71 31.0 26.1 39.1



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



#8

2-Chlorophenol

Concen: 0.018 ng

RT: 8.48 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

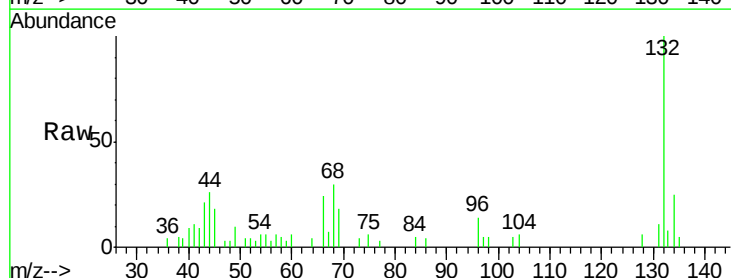
Tgt Ion: 128 Resp: 98

Ion Ratio Lower Upper

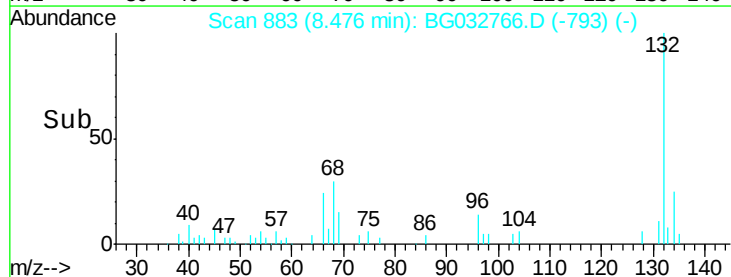
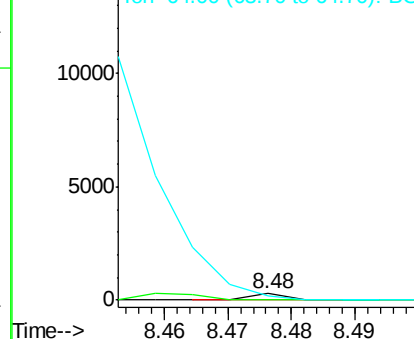
128 100

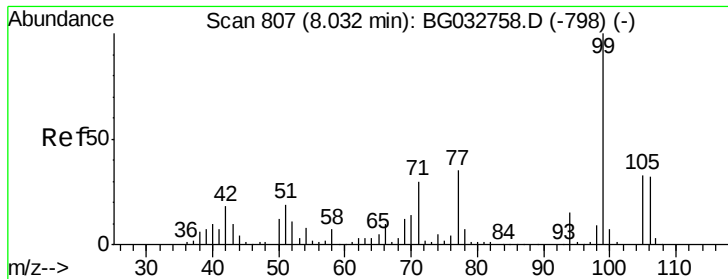
130 0.0 14.0 54.0#

64 68.0 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

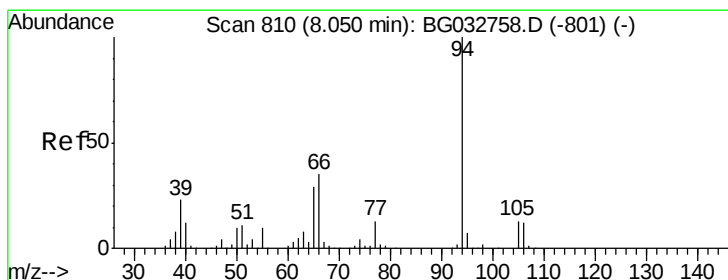
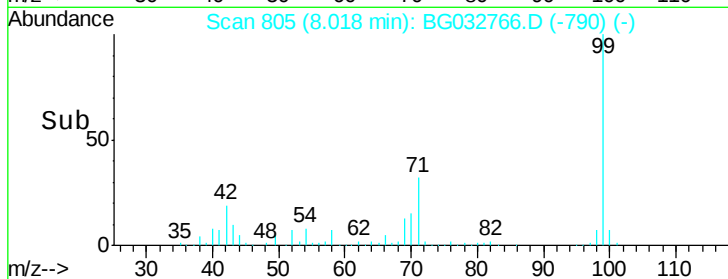
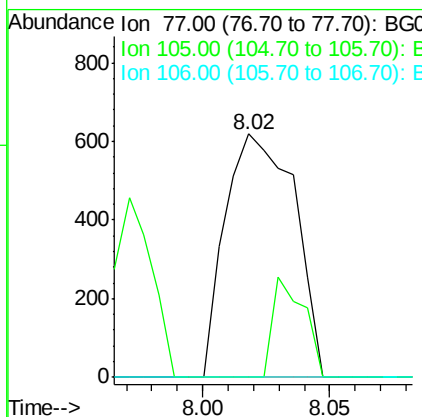
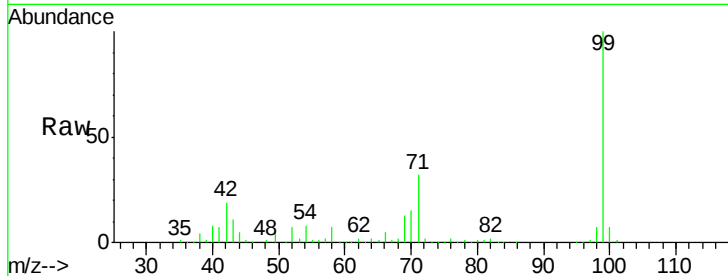




#9
Benzaldehyde
Concen: 0.295 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

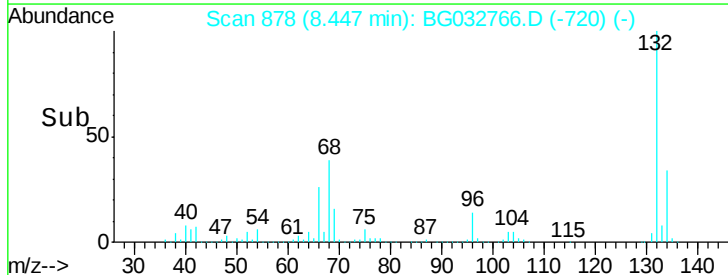
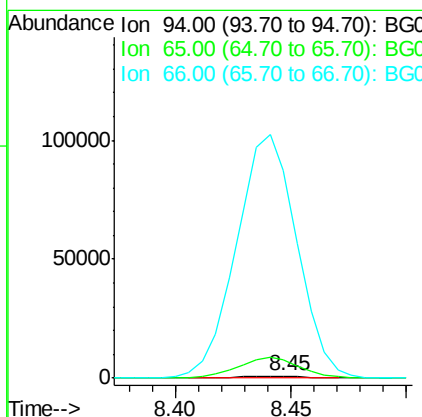
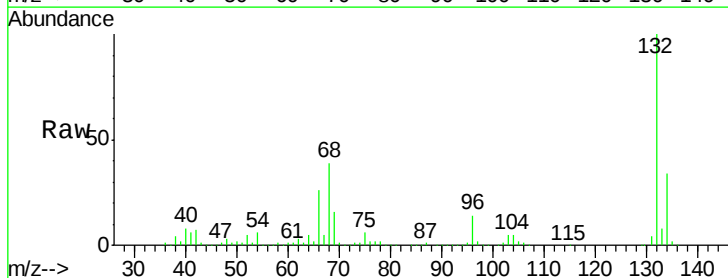
Instrument :
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SU-04-022018

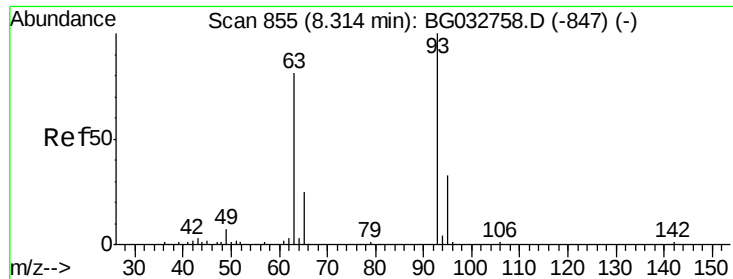
Tot Ion: 77 Resp: 1178
Ion Ratio Lower Upper
77 100
105 0.0 71.3 111.3#
106 0.0 64.2 104.2#



#10
Phenol
Concen: 0.232 ng
RT: 8.45 min Scan# 878
Delta R.T. 0.40 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion: 94 Resp: 1620
Ion Ratio Lower Upper
94 100
65 882.6 11.9 51.9#
66 10058.9 22.2 62.2#

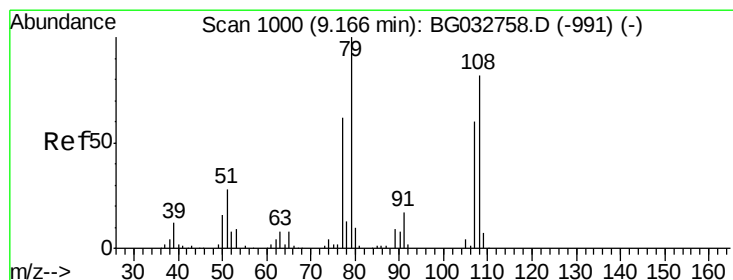
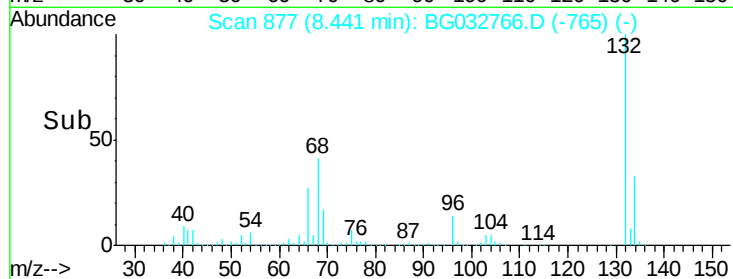
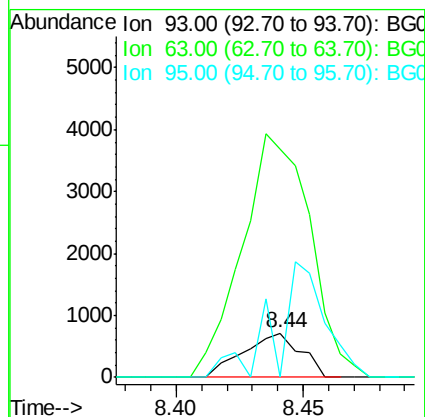
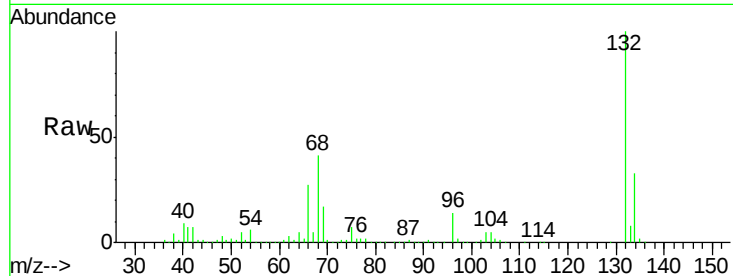




#11
bis(2-Chloroethyl)ether
Concen: 0.197 ng
RT: 8.44 min Scan# 877
Delta R.T. 0.13 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

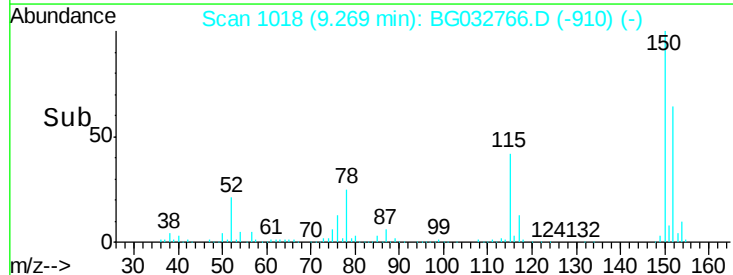
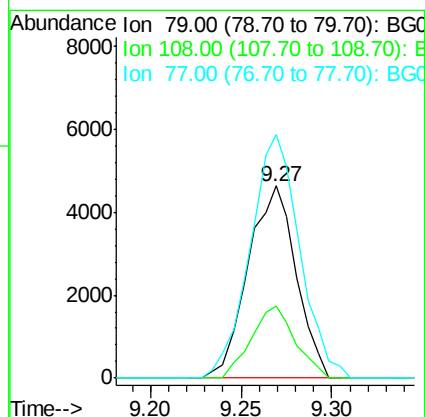
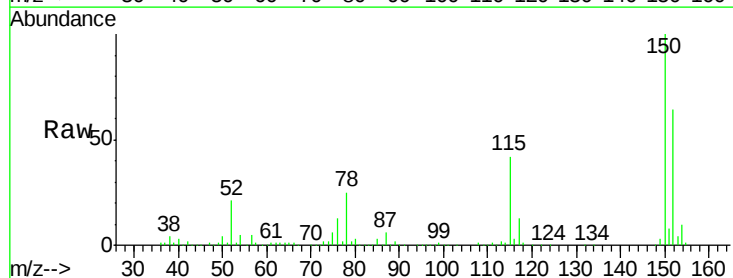
Instrument :
BNA_G
ClientSampleId :
SU-04-022018

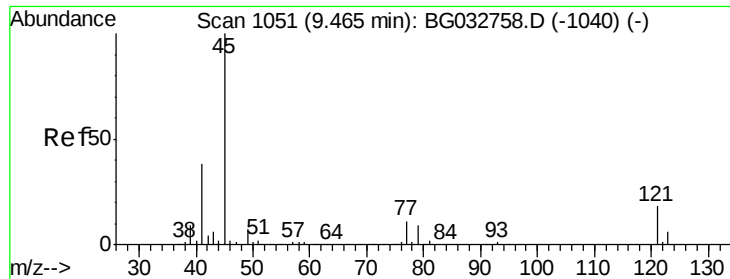
Tot Ion: 93 Resp: 1125
Ion Ratio Lower Upper
93 100
63 519.9 67.1 107.1#
95 0.0 11.5 51.5#



#15
Benzyl Alcohol
Concen: 1.685 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.10 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion: 79 Resp: 8577
Ion Ratio Lower Upper
79 100
108 37.3 57.2 85.8#
77 126.7 46.1 69.1#

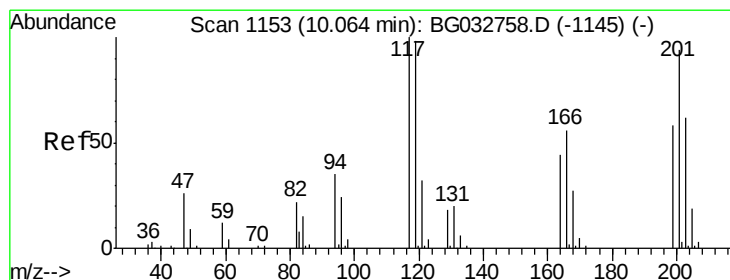
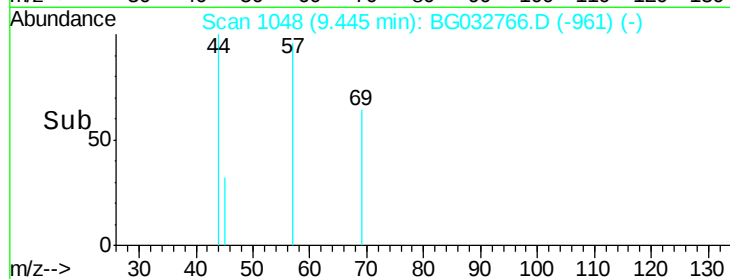
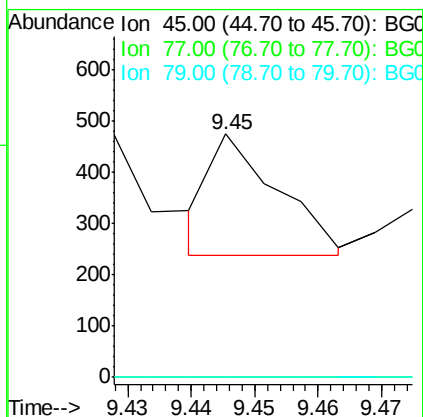
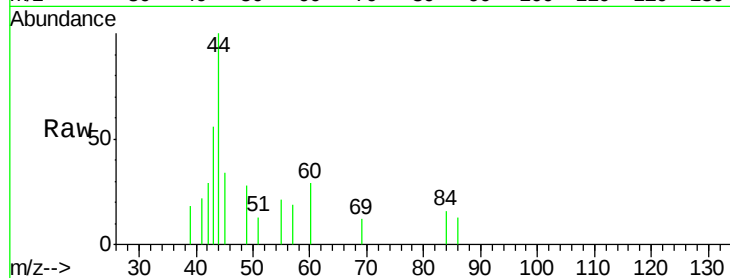




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.018 ng
RT: 9.45 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

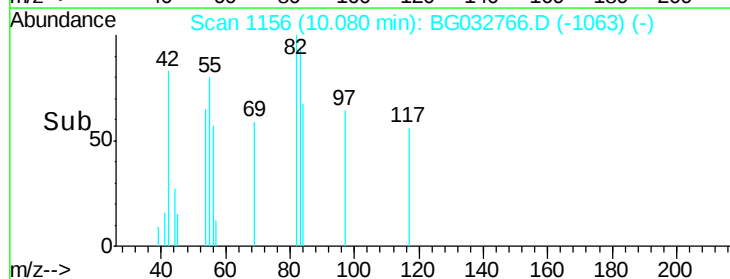
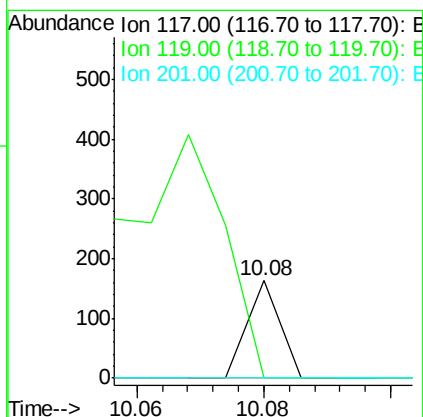
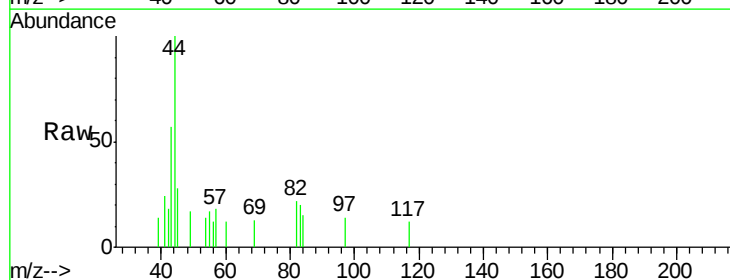
Instrument :
BNA_G
ClientSampleId :
SU-04-022018

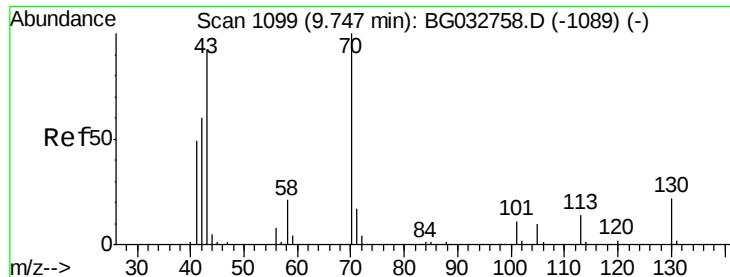
Tot Ion: 45 Resp: 175
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.2
79 0.0 0.0 27.9



#18
Hexachloroethane
Concen: 0.026 ng
RT: 10.08 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion: 117 Resp: 57
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
201 0.0 95.7 143.5#

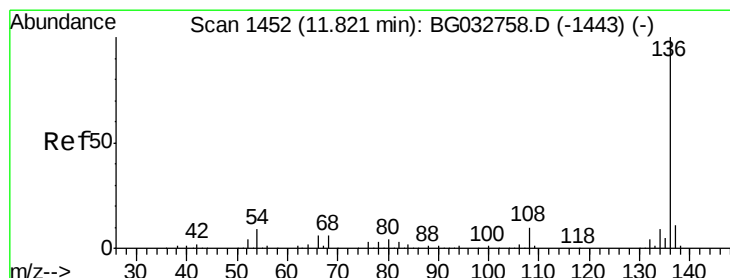
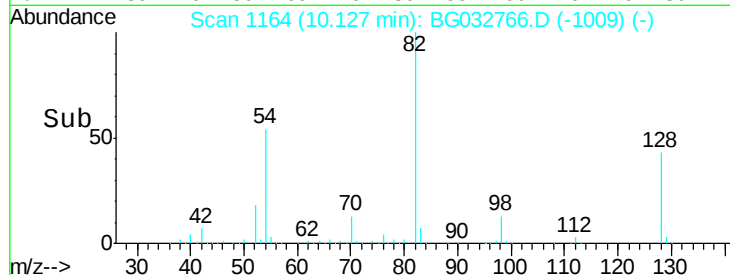
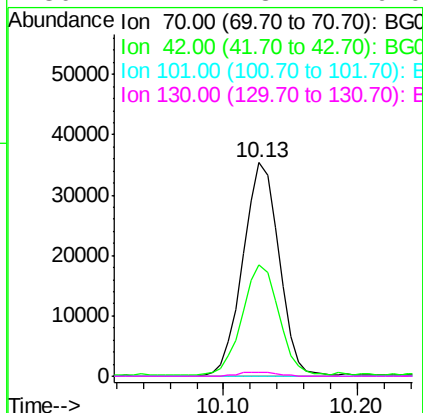
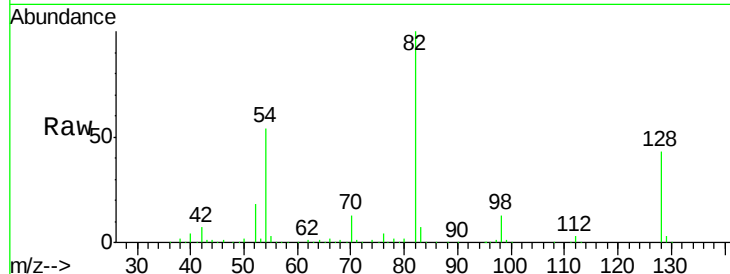




#19
n-Nitroso-di-n-propylamine
Concen: 13.577 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.38 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

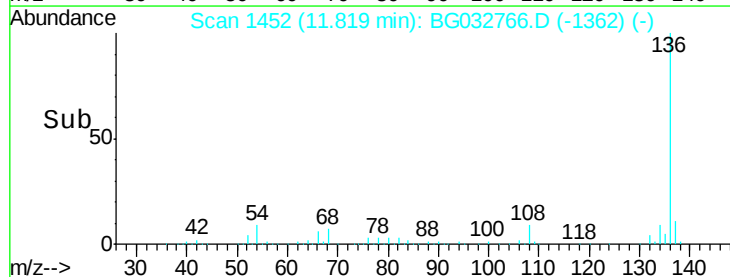
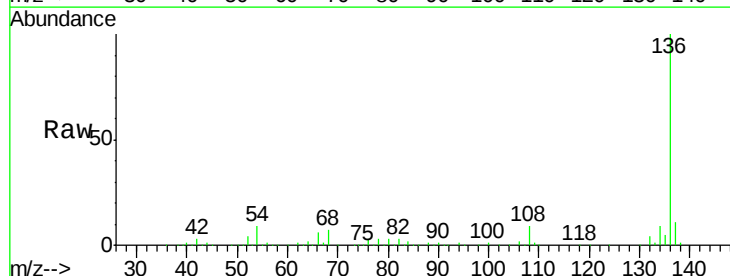
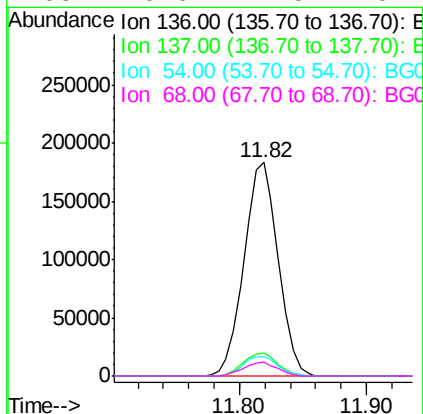
Instrument :
BNA_G
ClientSampleId :
SU-04-022018

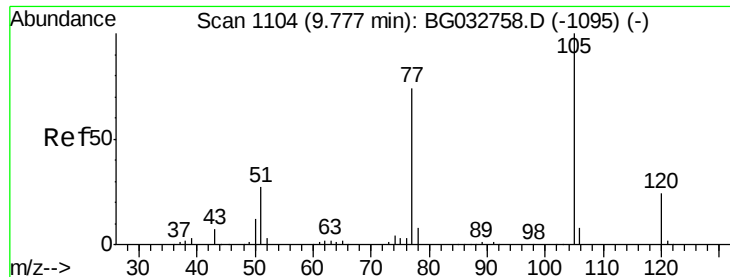
Tot Ion: 70 Resp: 66380
Ion Ratio Lower Upper
70 100
42 52.2 49.1 73.7
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.82 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion: 136 Resp: 341805
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 9.1 10.3 15.5#
68 6.6 4.5 6.7





#22

Acetophenone

Concen: 0.122 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

Tot Ion:105 Resp: 1057

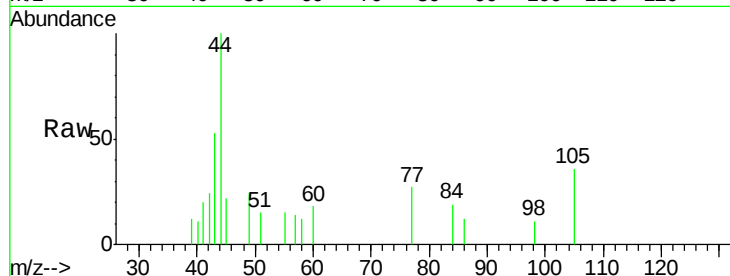
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 40.9 26.1 39.1#

120 0.0 17.4 26.2#

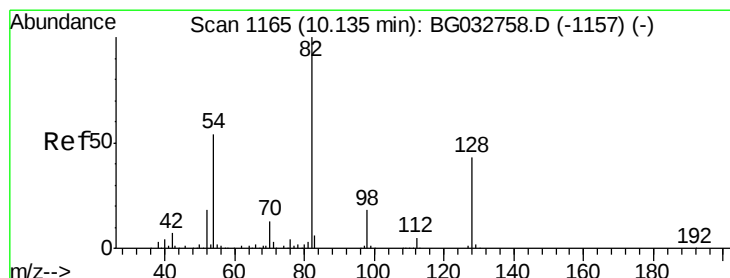
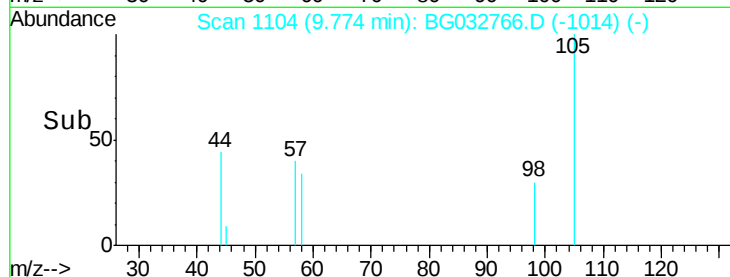
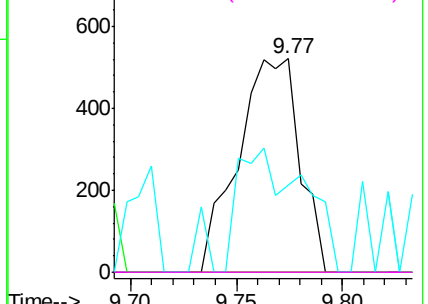


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 99.396 ng

RT: 10.13 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

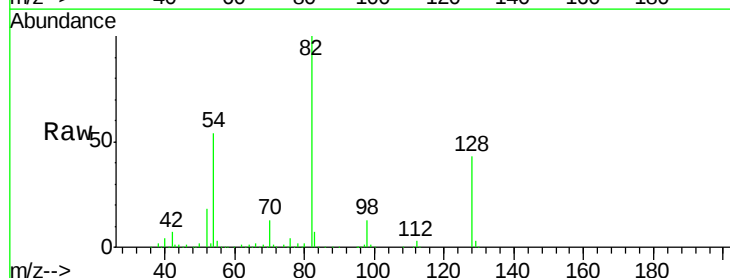
Tgt Ion: 82 Resp: 498936

Ion Ratio Lower Upper

82 100

128 43.0 29.7 44.5

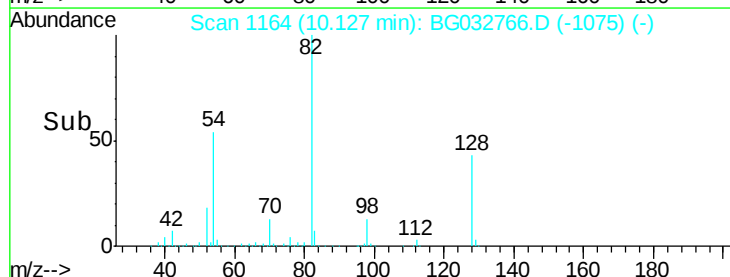
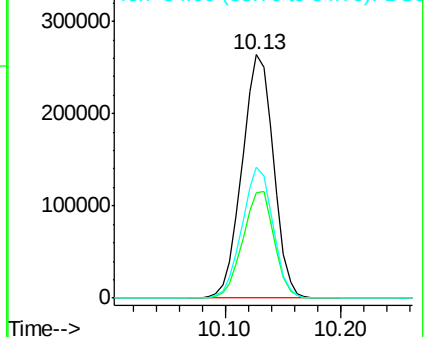
54 53.8 43.1 64.7

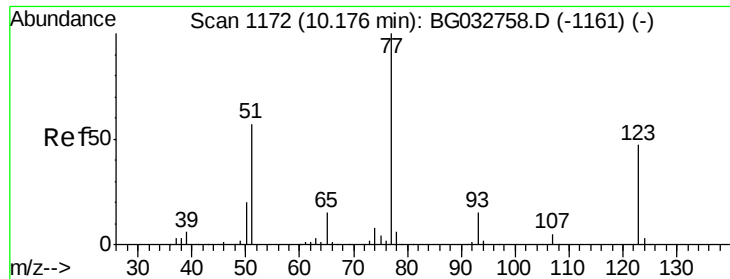


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 6.646 ng

RT: 10.13 min Scan# 1165

Delta R.T. -0.04 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

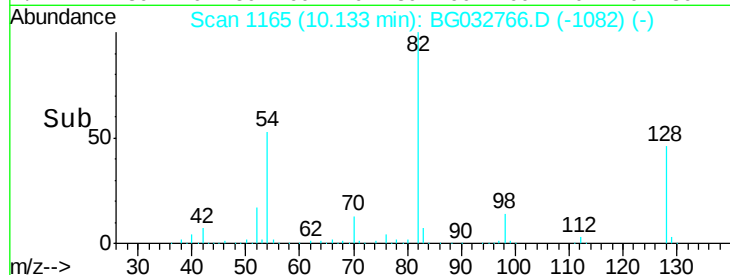
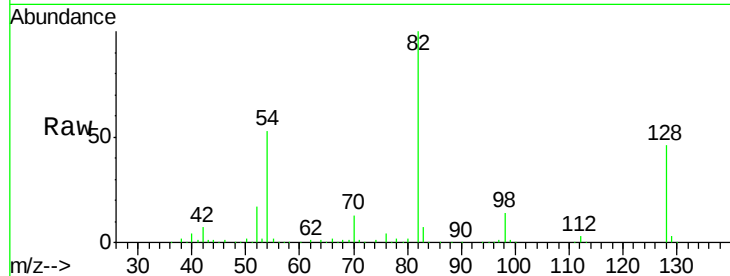
Tot Ion: 77 Resp: 1669

Ion Ratio Lower Upper

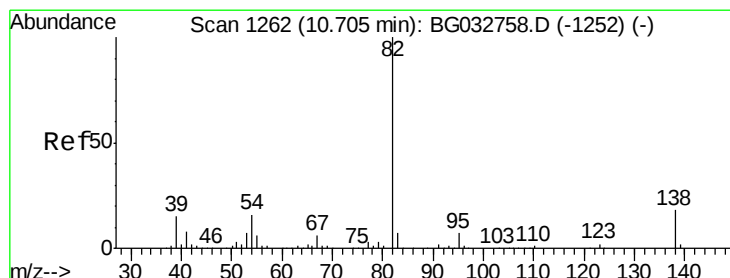
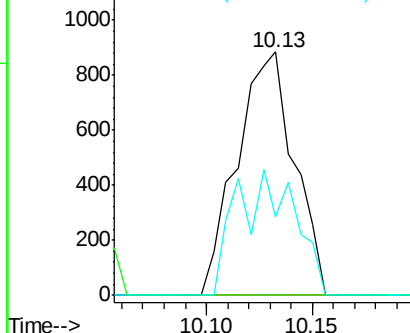
77 100

123 0.0 33.0 49.6#

65 32.2 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#25

Isophorone

Concen: 0.005 ng

RT: 10.74 min Scan# 1268

Delta R.T. 0.03 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

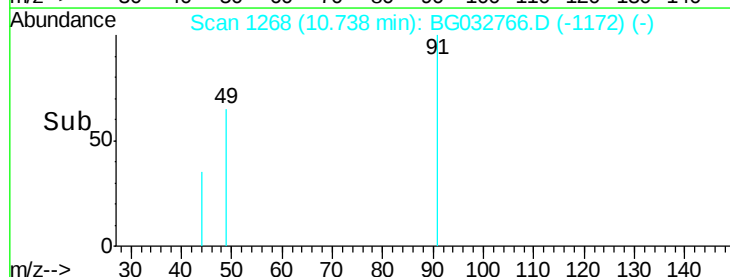
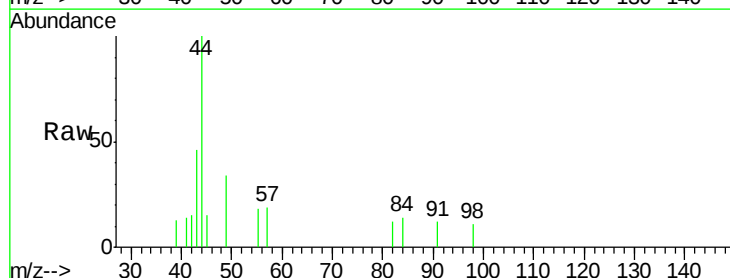
Tgt Ion: 82 Resp: 56

Ion Ratio Lower Upper

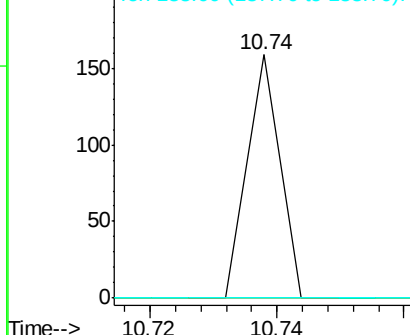
82 100

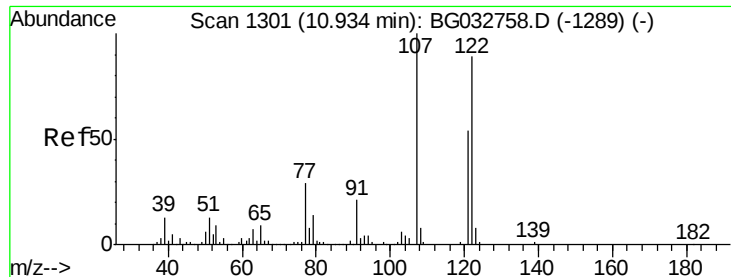
95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



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

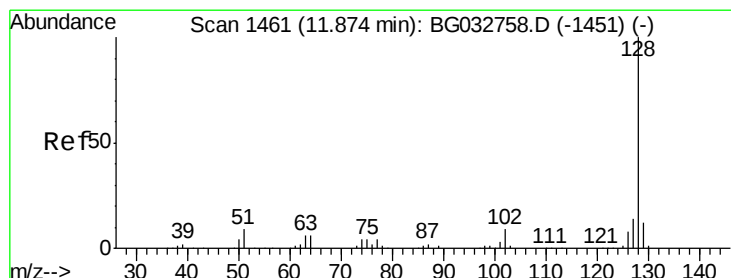
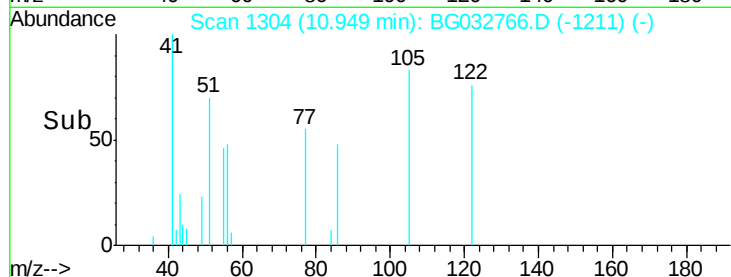
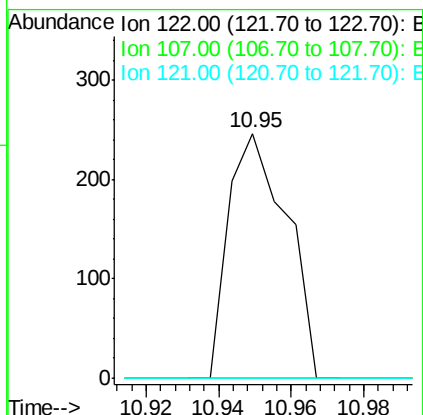
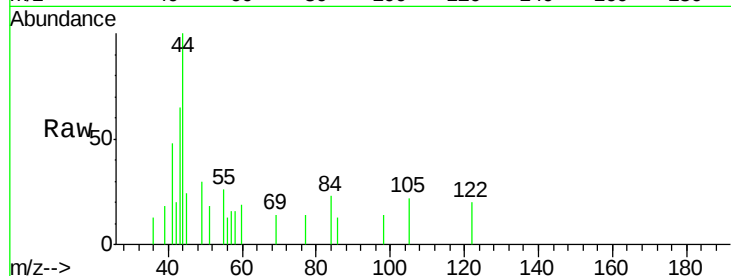




#27
2,4-Dimethylphenol
Concen: 0.052 ng
RT: 10.95 min Scan# 1304
Delta R.T. 0.02 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

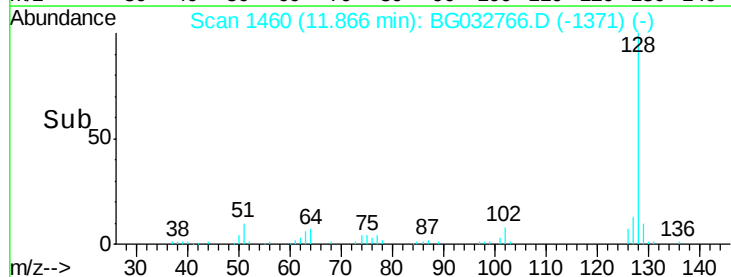
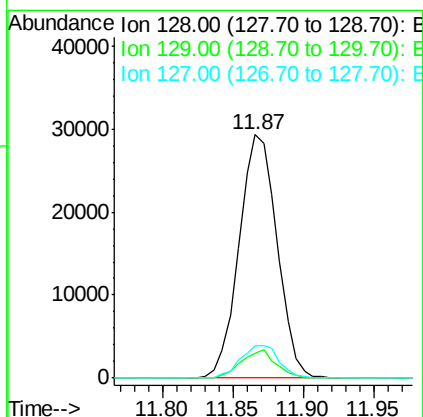
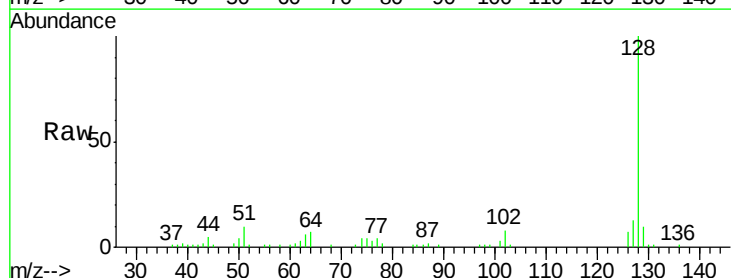
Instrument :
BNA_G
ClientSampleId :
SU-04-022018

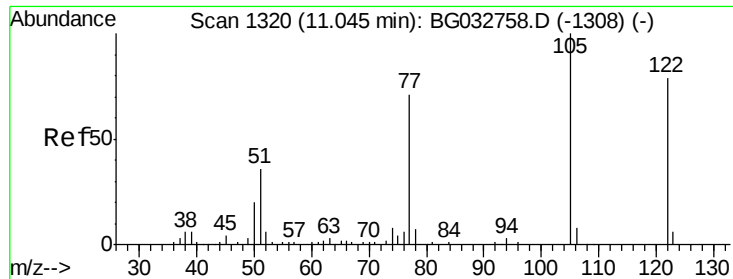
Tot Ion:122 Resp: 273
Ion Ratio Lower Upper
122 100
107 0.0 100.2 150.2#
121 0.0 44.4 66.6#



#31
Naphthalene
Concen: 3.090 ng
RT: 11.87 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion:128 Resp: 55185
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 13.2 11.6 17.4

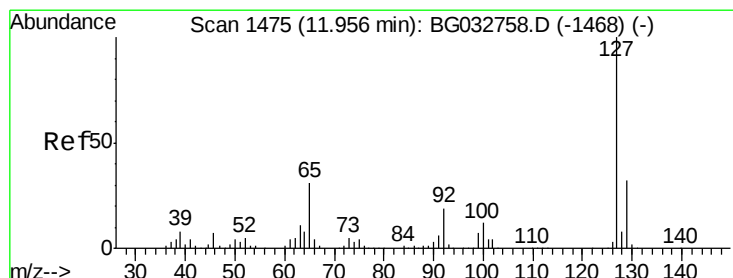
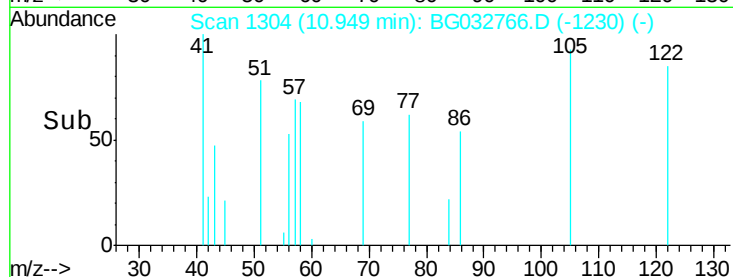
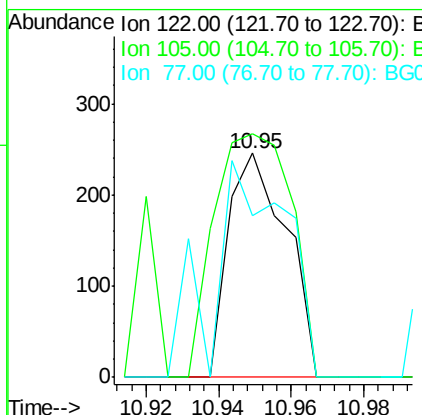
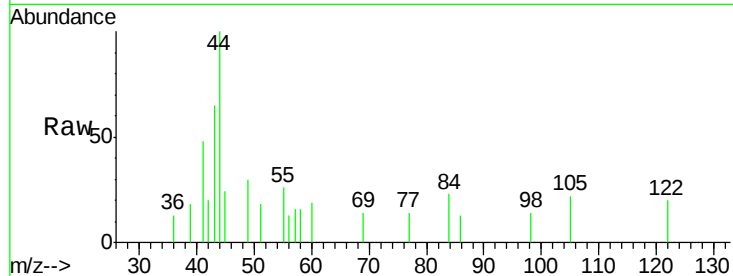




#32
Benzoic acid
Concen: 5.918 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.10 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

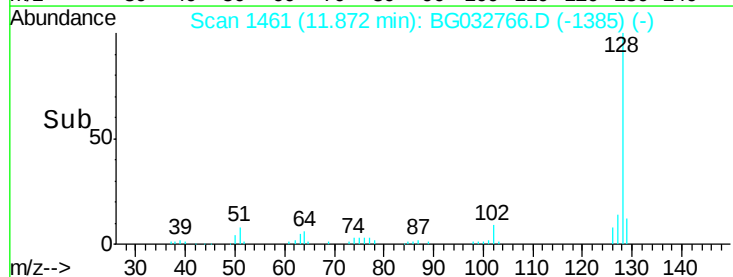
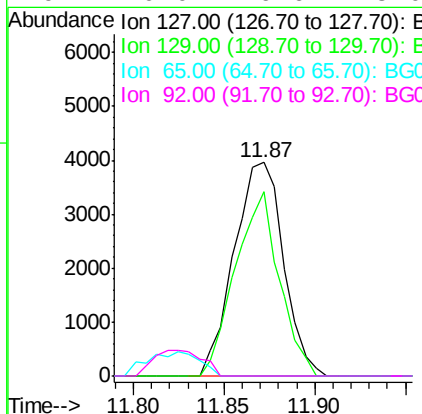
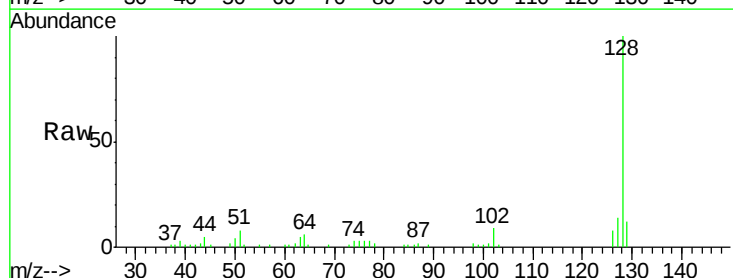
Instrument :
BNA_G
ClientSampleId :
SU-04-022018

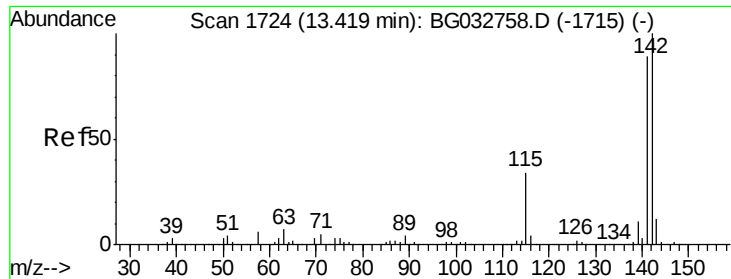
Tot Ion	Ratio	Lower	Upper
122	100		
105	108.5	123.5	163.5#
77	72.4	85.7	125.7#



#33
4-Chloroaniline
Concen: 0.941 ng
RT: 11.87 min Scan# 1461
Delta R.T. -0.08 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion	Ratio	Lower	Upper
127	100		
129	86.6	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

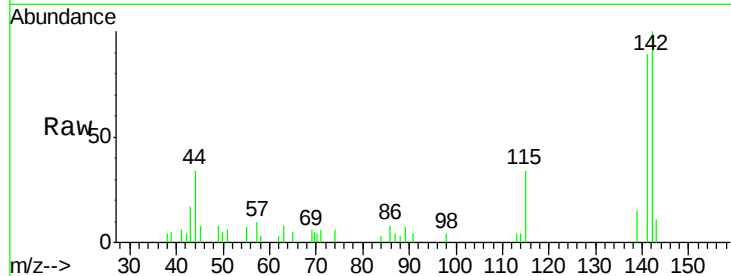




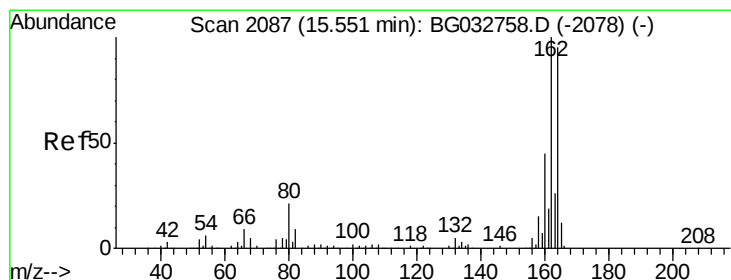
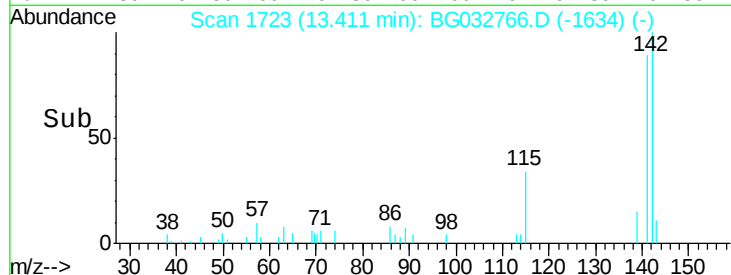
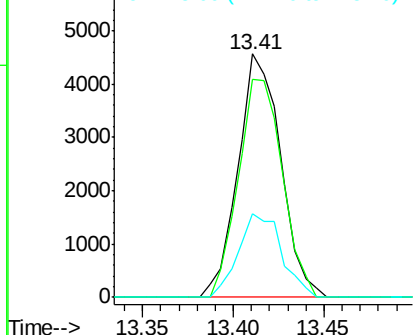
#37
2-Methylnaphthalene
Concen: 0.581 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Instrument :
BNA_G
ClientSampleId :
SU-04-022018

Tot Ion:142 Resp: 7509
Ion Ratio Lower Upper
142 100
141 89.4 67.1 100.7
115 34.4 30.7 46.1

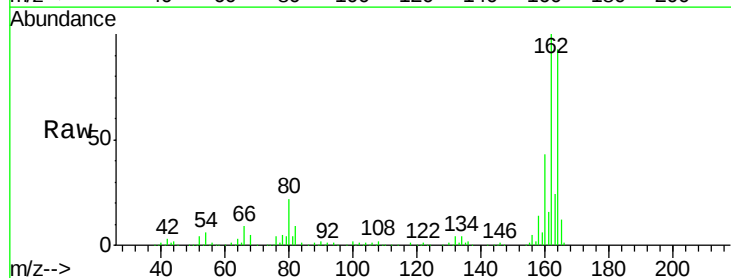


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

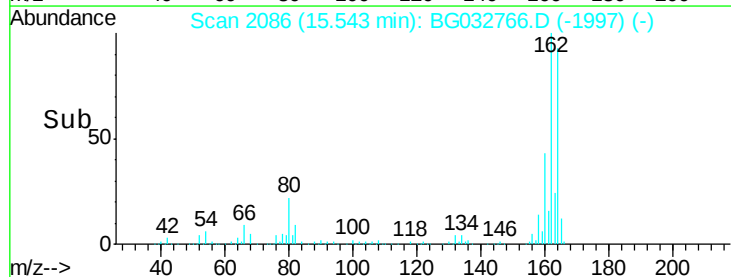
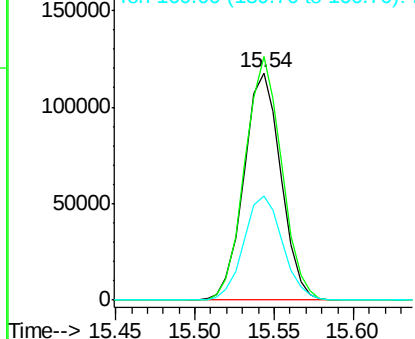


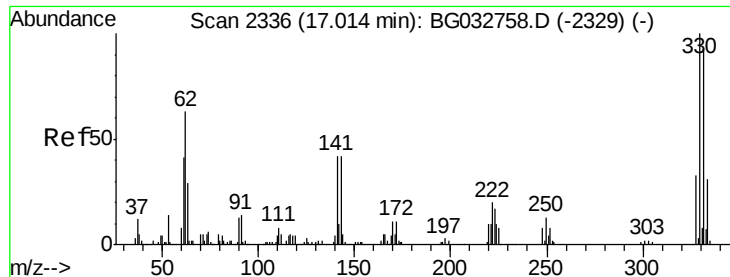
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion:164 Resp: 190478
Ion Ratio Lower Upper
164 100
162 107.1 78.8 118.2
160 46.1 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

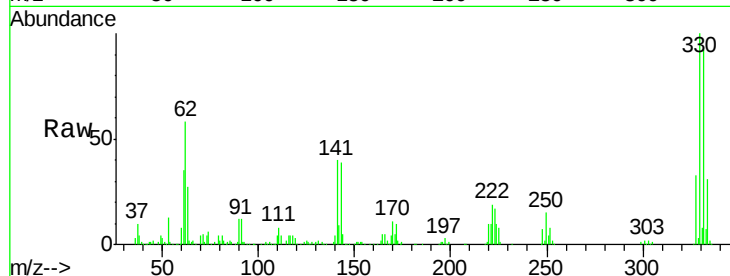




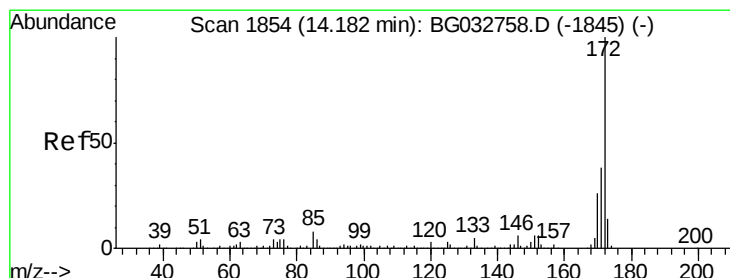
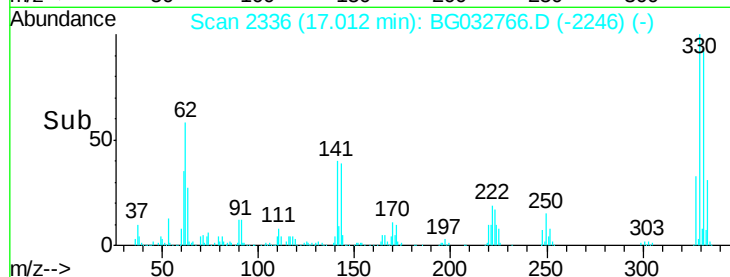
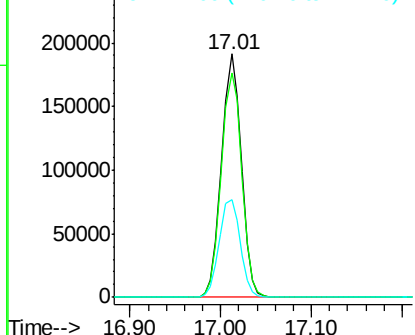
#41
 2,4,6-Tribromophenol
 Concen: 144.932 ng
 RT: 17.01 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: BG032766.D
 Acq: 21 Feb 2018 19:04

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-022018

Tot Ion:330 Resp: 290272
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 42.5 25.2 37.8#

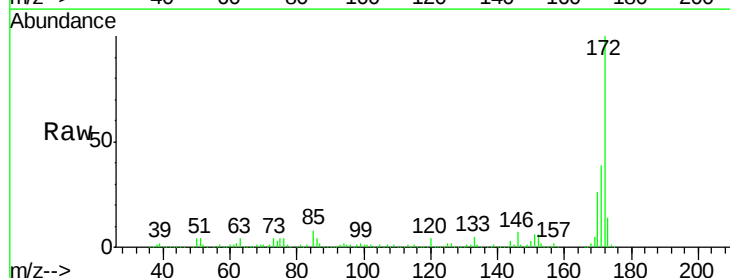


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

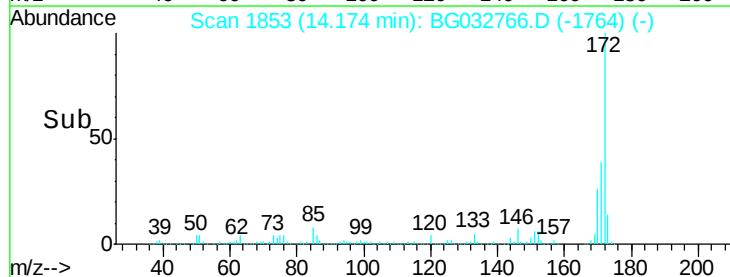
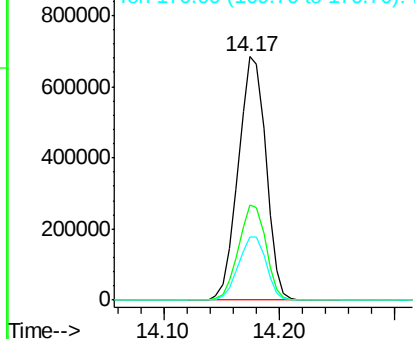


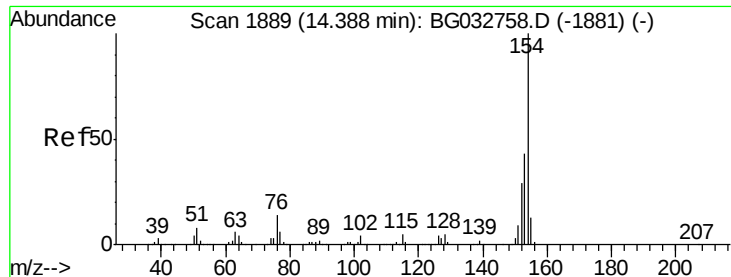
#44
 2-Fluorobiphenyl
 Concen: 86.034 ng
 RT: 14.17 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BG032766.D
 Acq: 21 Feb 2018 19:04

Tgt Ion:172 Resp: 1136252
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 25.8 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: 0.247 ng

RT: 14.39 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

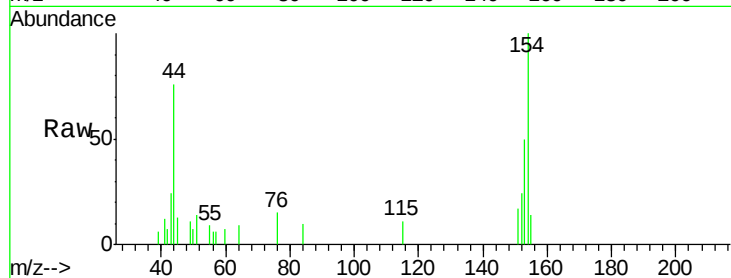
Tot Ion:154 Resp: 4106

Ion Ratio Lower Upper

154 100

153 50.3 19.8 59.8

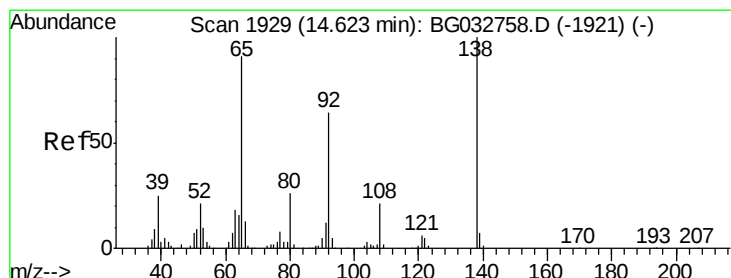
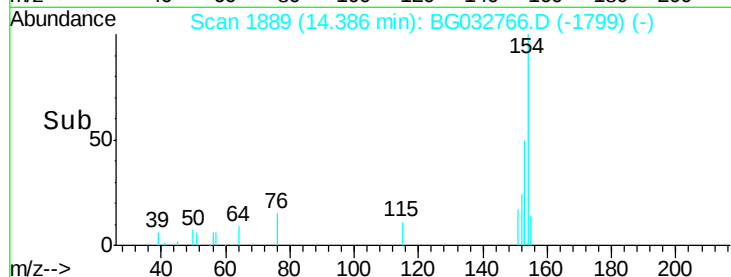
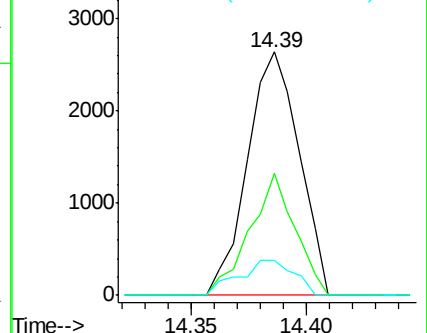
76 14.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#47

2-Nitroaniline

Concen: 10.386 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.45 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

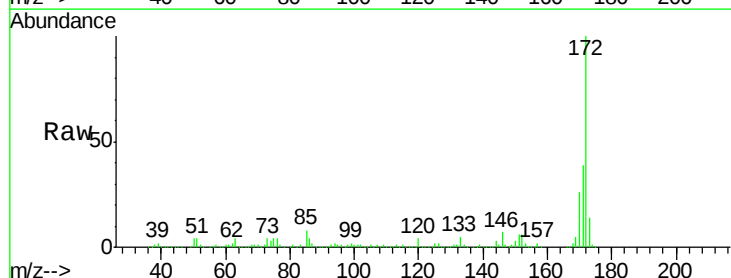
Tgt Ion: 65 Resp: 2169

Ion Ratio Lower Upper

65 100

92 168.1 54.6 82.0#

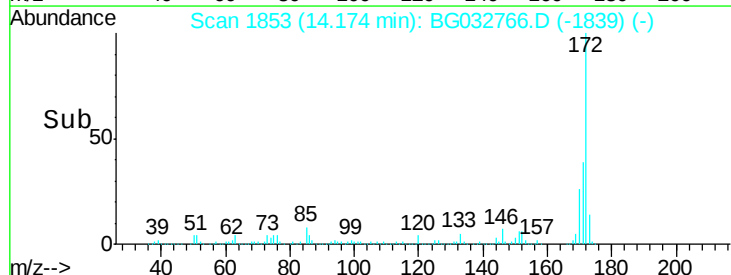
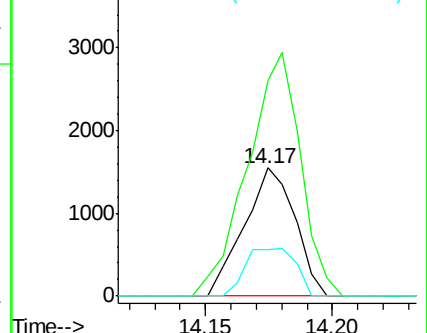
138 36.7 72.9 109.3#

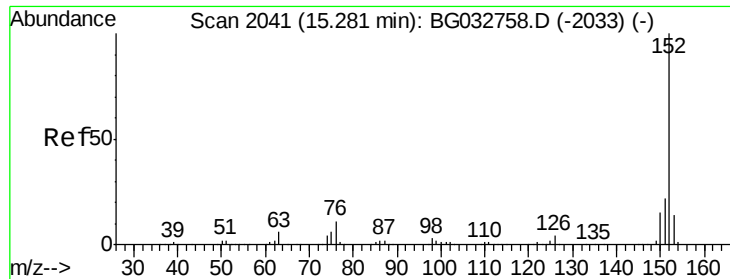


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 0.090 ng

RT: 15.27 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

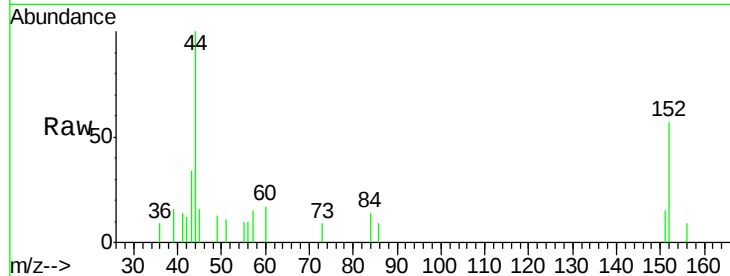
Tot Ion:152 Resp: 1835

Ion Ratio Lower Upper

152 100

151 25.7 17.2 25.8

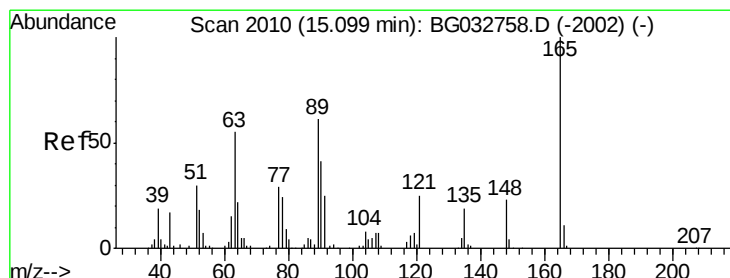
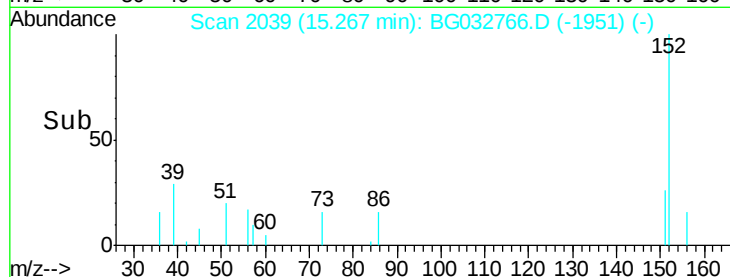
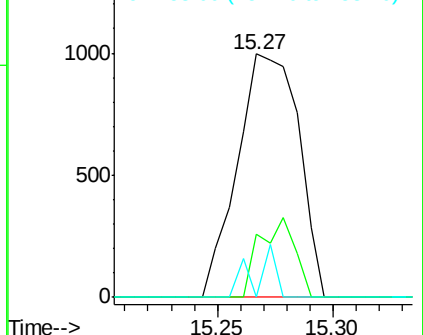
153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

2,6-Dinitrotoluene

Concen: 16.330 ng

RT: 15.54 min Scan# 2086

Delta R.T. 0.45 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

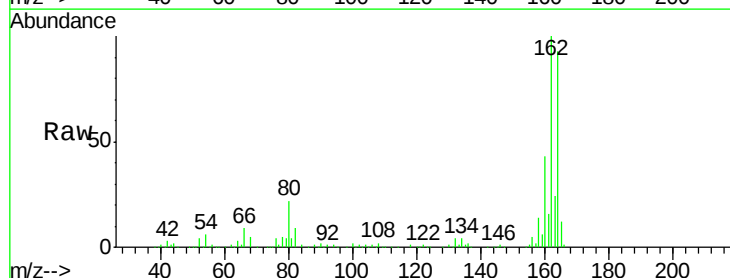
Tgt Ion:165 Resp: 24423

Ion Ratio Lower Upper

165 100

63 1.4 52.7 79.1#

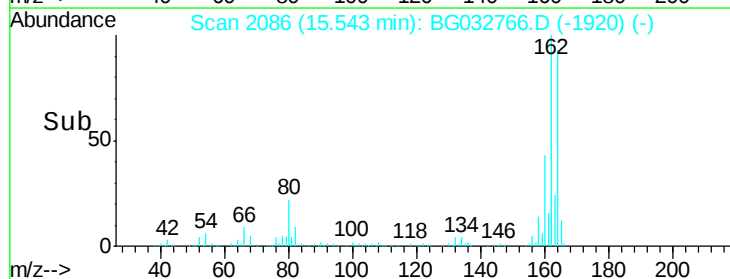
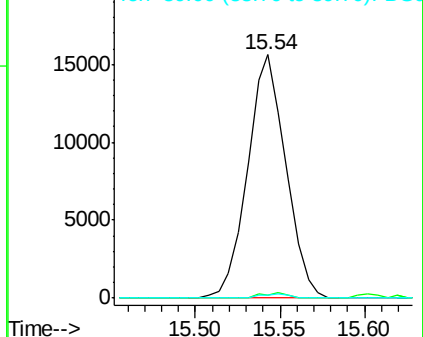
89 1.3 49.2 73.8#

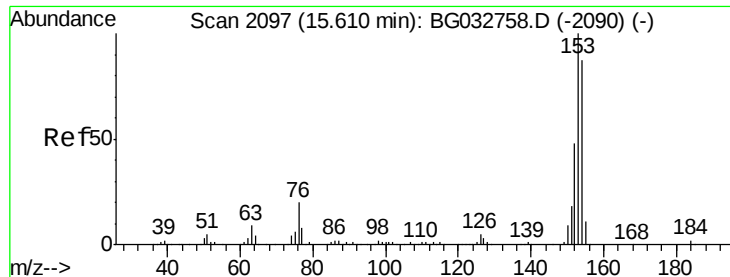


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.190 ng

RT: 15.61 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

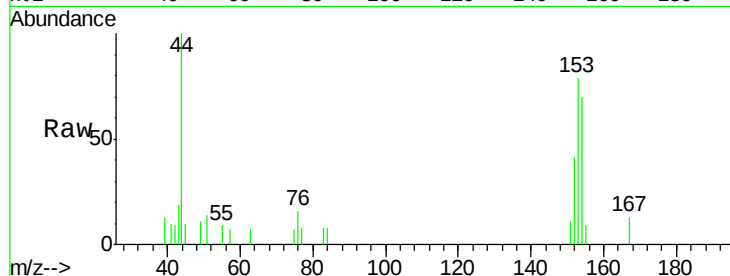
Tot Ion:154 Resp: 2409

Ion Ratio Lower Upper

154 100

153 111.8 90.4 135.6

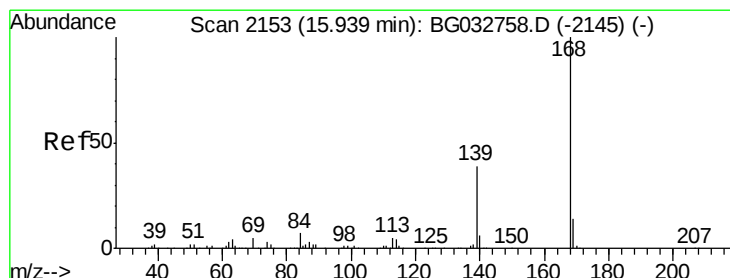
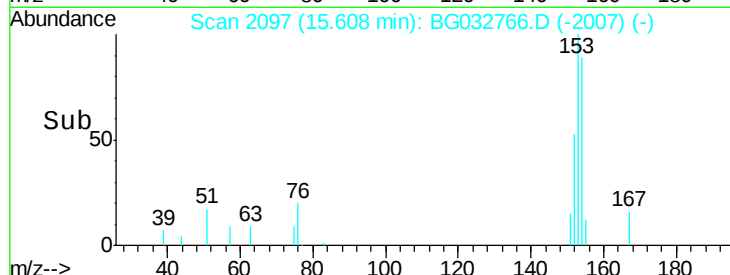
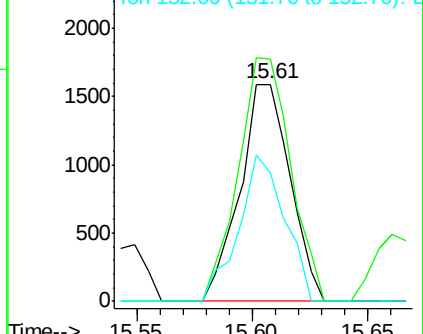
152 59.1 41.6 62.4



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: 0.260 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

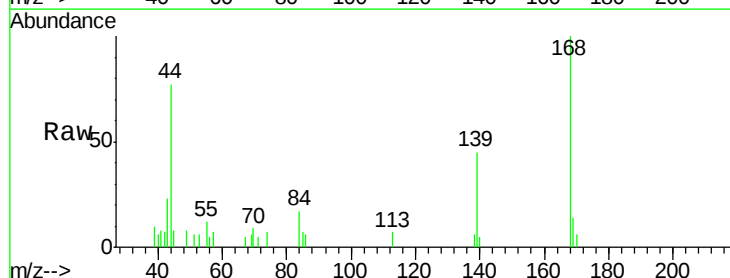
Tgt Ion:168 Resp: 4702

Ion Ratio Lower Upper

168 100

139 45.1 28.6 43.0#

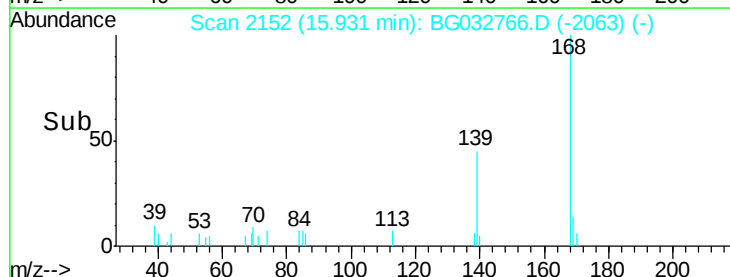
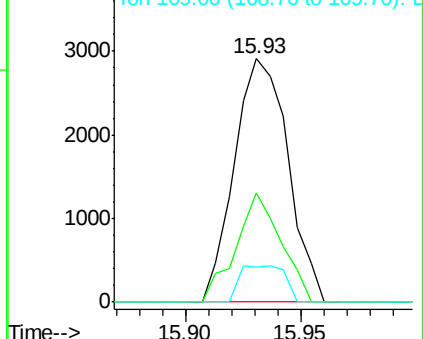
169 14.5 11.2 16.8

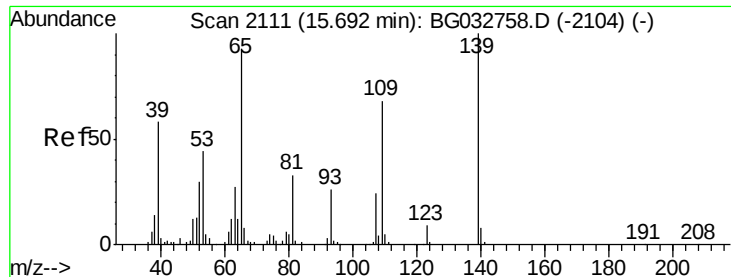


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

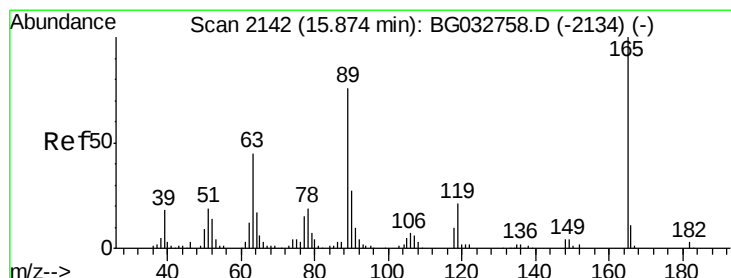
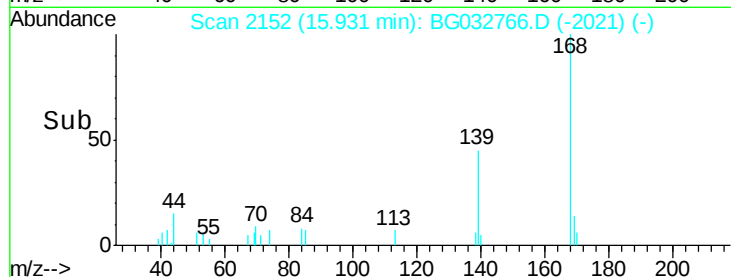
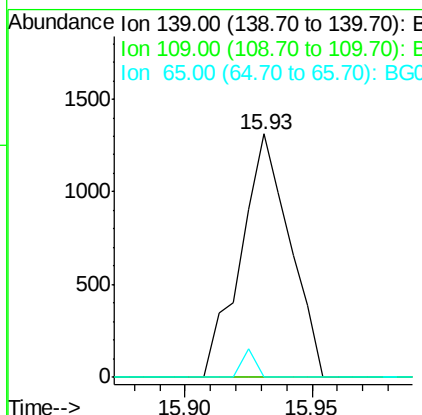
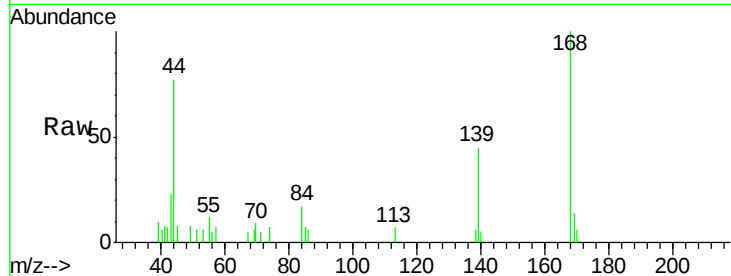




#55
4-Nitrophenol
Concen: 7.689 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.24 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

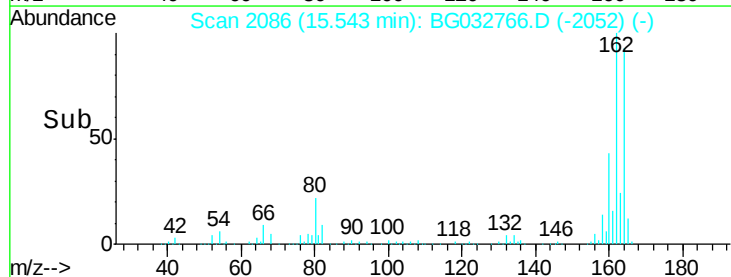
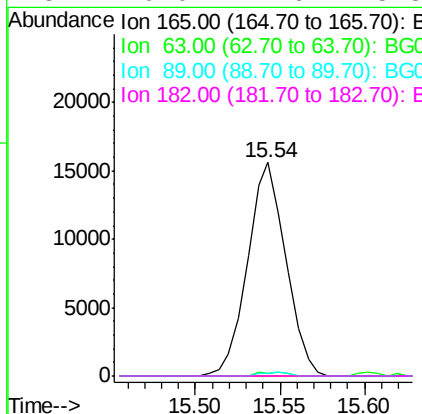
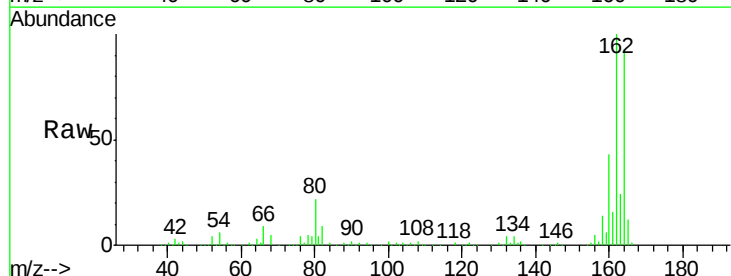
Instrument :
BNA_G
ClientSampleId :
SU-04-022018

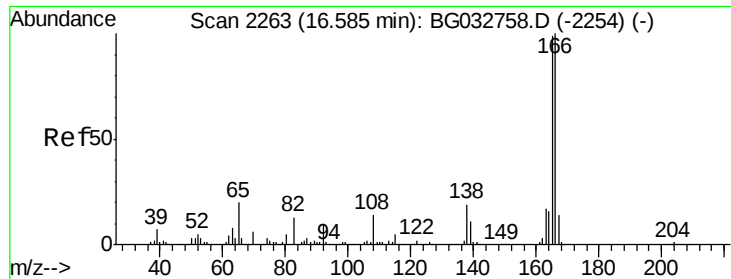
Tot Ion:139 Resp: 1767
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 14.528 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.33 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion:165 Resp: 24423
Ion Ratio Lower Upper
165 100
63 1.4 42.0 63.0#
89 1.3 66.9 100.3#
182 0.0 2.6 3.8#

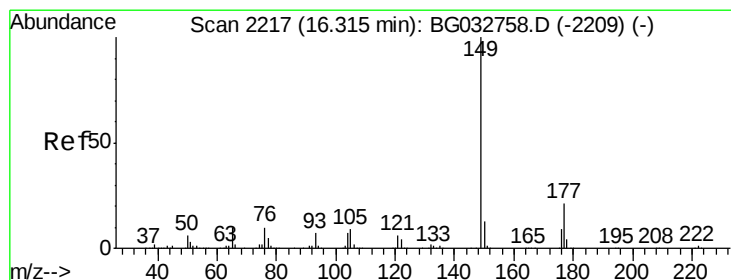
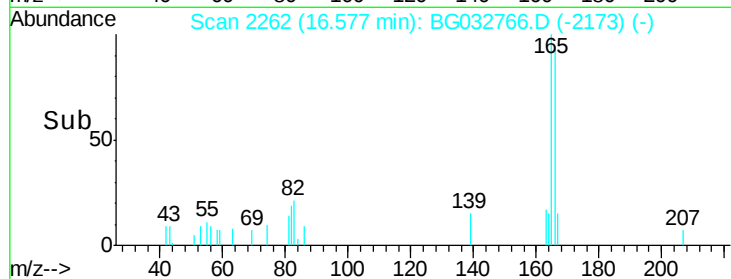
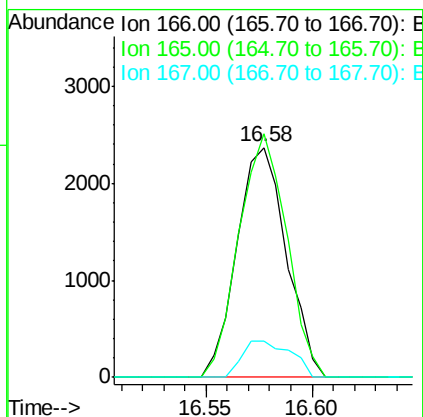
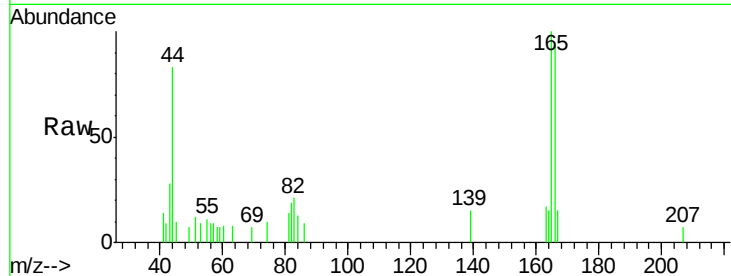




#57
 Fluorene
 Concen: 0.258 ng
 RT: 16.58 min Scan# 2262
 Delta R.T. -0.01 min
 Lab File: BG032766.D
 Acq: 21 Feb 2018 19:04

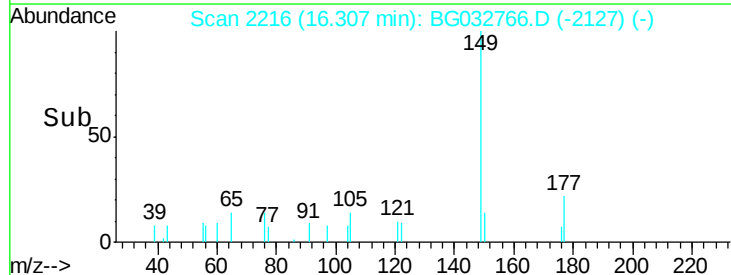
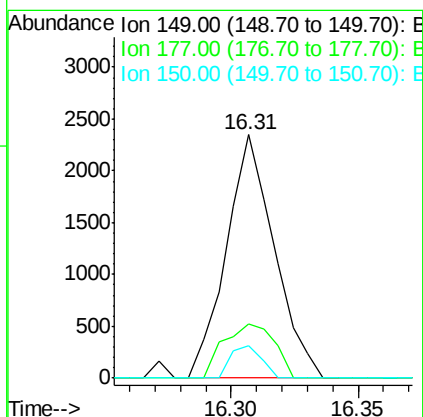
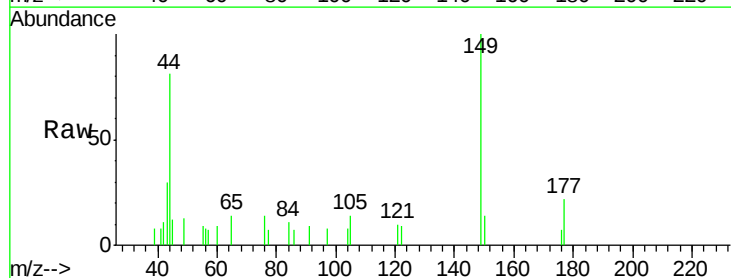
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-022018

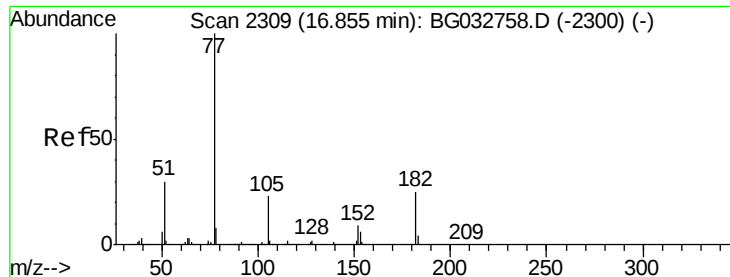
Tot Ion:166 Resp: 3849
 Ion Ratio Lower Upper
 166 100
 165 105.8 80.6 121.0
 167 15.9 10.4 15.6#



#59
 Diethylphthalate
 Concen: 0.181 ng
 RT: 16.31 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG032766.D
 Acq: 21 Feb 2018 19:04

Tgt Ion:149 Resp: 3089
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.5 27.7
 150 13.6 10.2 15.2





#62

Azobenzene

Concen: 0.133 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.16 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

Tot Ion: 77 Resp: 2037

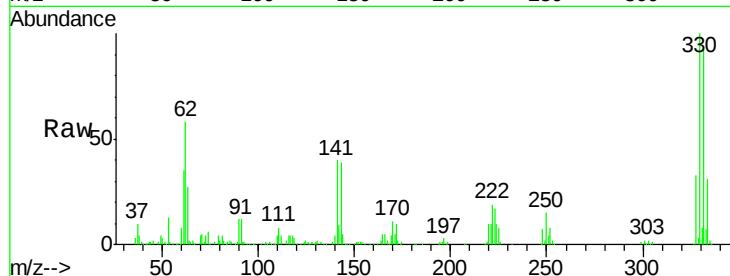
Ion Ratio Lower Upper

77 100

182 17.7 7.4 47.4

105 66.9 0.3 40.3#

51 88.4 11.6 51.6#

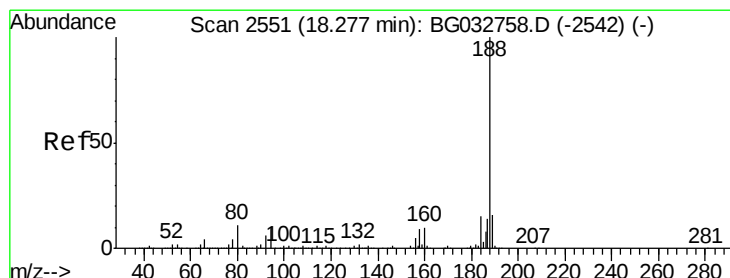
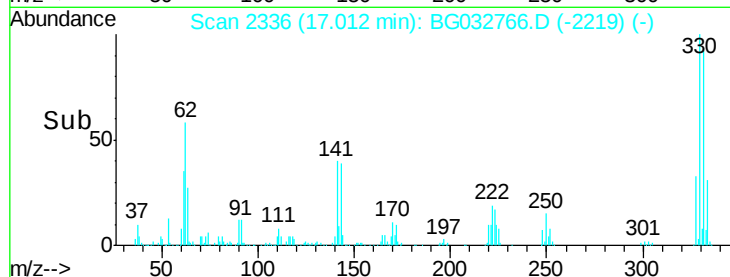
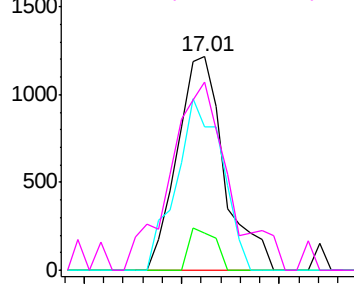


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.27 min Scan# 2550

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

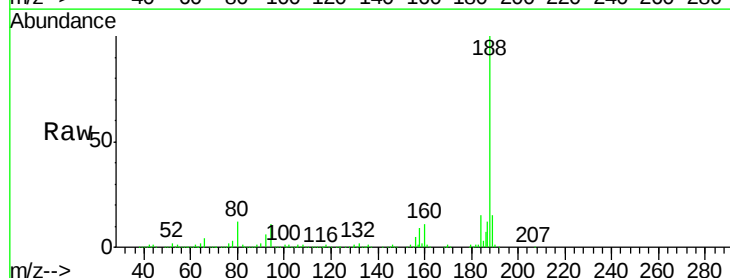
Tgt Ion: 188 Resp: 418971

Ion Ratio Lower Upper

188 100

94 10.8 6.9 10.3#

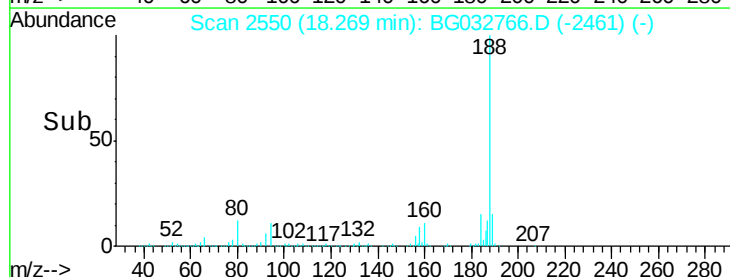
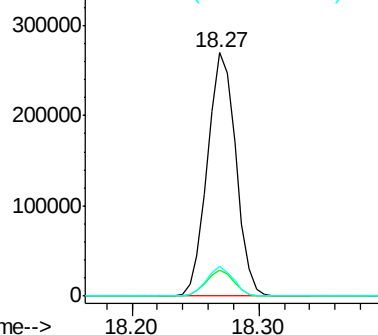
80 12.1 7.7 11.5#

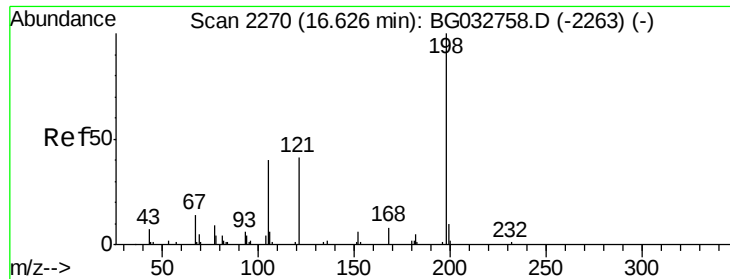


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 5.746 ng

RT: 17.02 min Scan# 2337

Delta R.T. 0.39 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

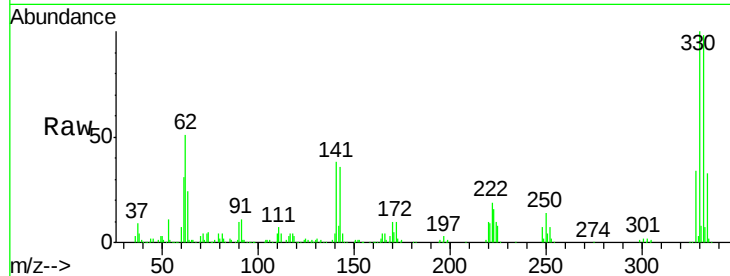
Tot Ion:198 Resp: 786

Ion Ratio Lower Upper

198 100

51 141.3 30.6 70.6#

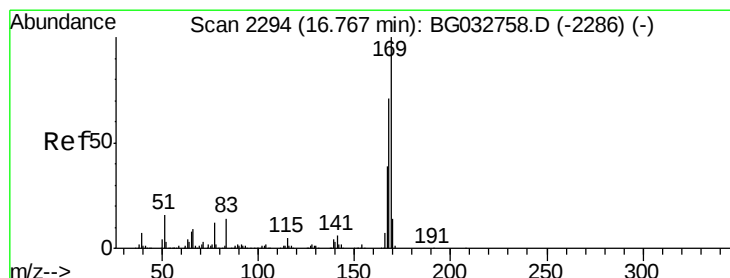
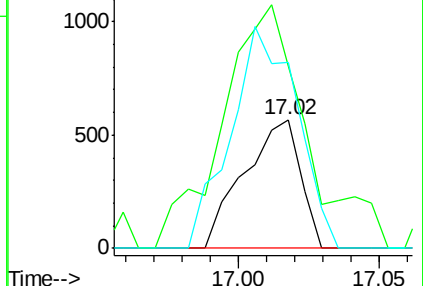
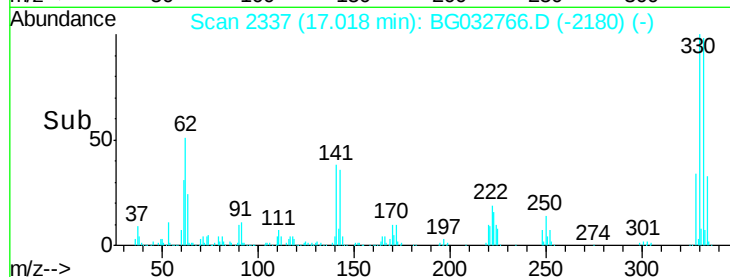
105 143.9 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 0.830 ng

RT: 17.01 min Scan# 2336

Delta R.T. 0.24 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

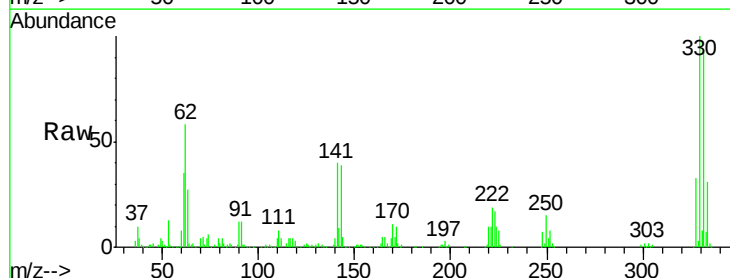
Tgt Ion:169 Resp: 11310

Ion Ratio Lower Upper

169 100

168 8.4 55.7 83.5#

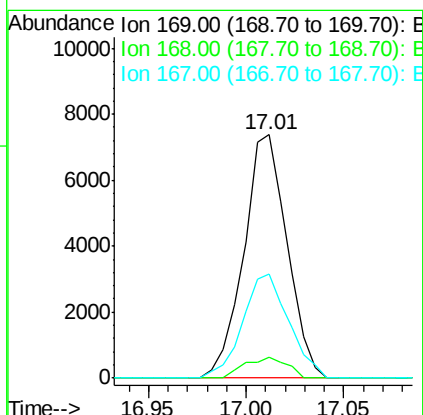
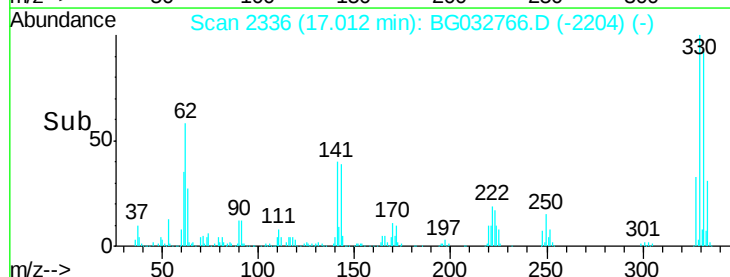
167 42.7 30.1 45.1

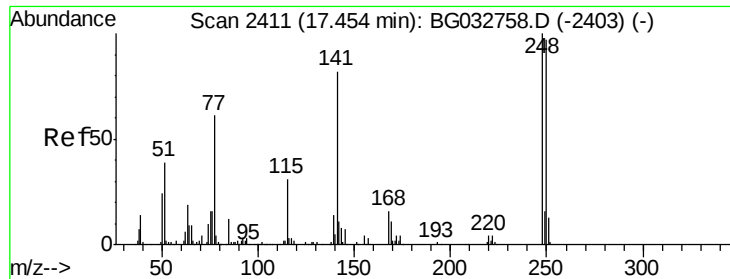


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

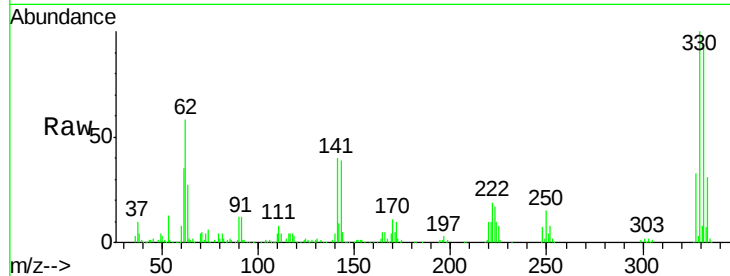




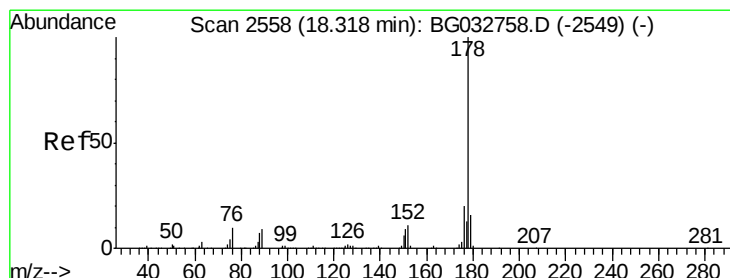
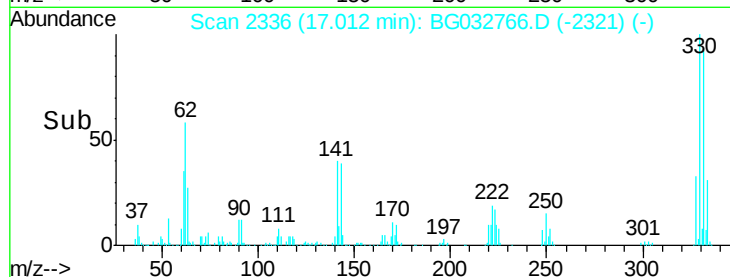
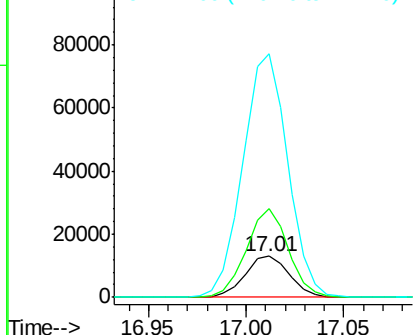
#66
4-Bromophenyl-phenylether
Concen: 4.621 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.44 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Instrument :
BNA_G
ClientSampleId :
SU-04-022018

Tot Ion:248 Resp: 20470
Ion Ratio Lower Upper
248 100
250 216.4 77.1 115.7#
141 597.5 50.8 76.2#

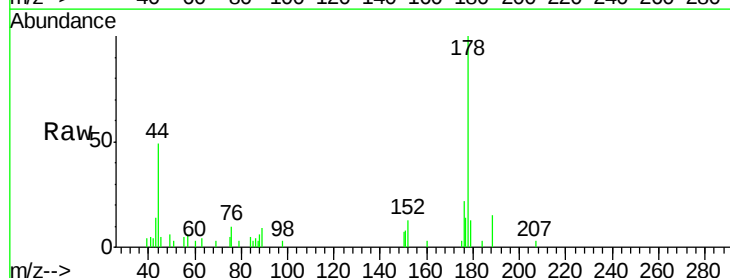


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

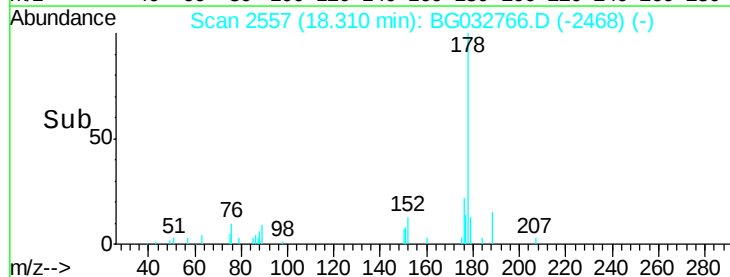
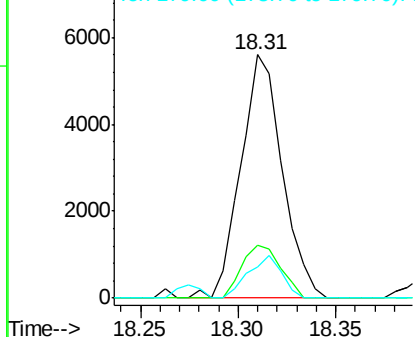


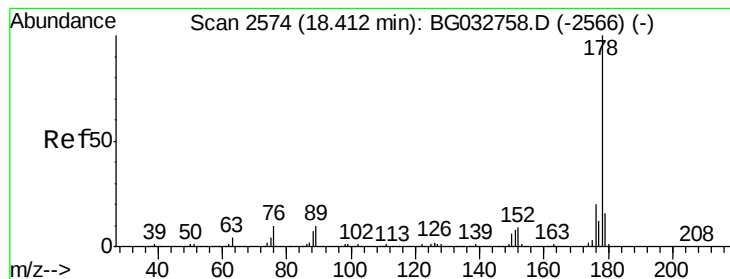
#70
Phenanthrene
Concen: 0.352 ng
RT: 18.31 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BG032766.D
Acq: 21 Feb 2018 19:04

Tgt Ion:178 Resp: 8225
Ion Ratio Lower Upper
178 100
176 22.0 15.7 23.5
179 13.0 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: 0.350 ng

RT: 18.31 min Scan# 2557

Delta R.T. -0.10 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

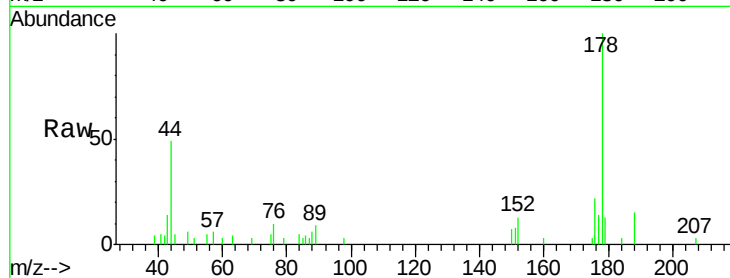
Tot Ion:178 Resp: 8225

Ion Ratio Lower Upper

178 100

176 22.0 16.0 24.0

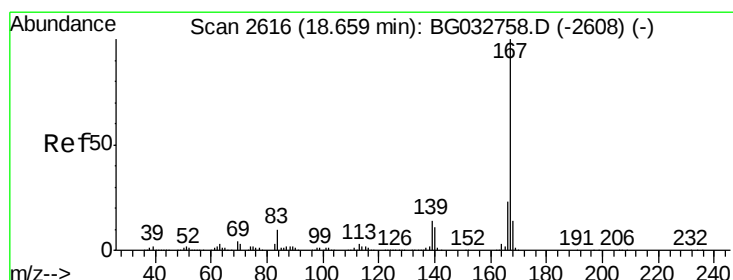
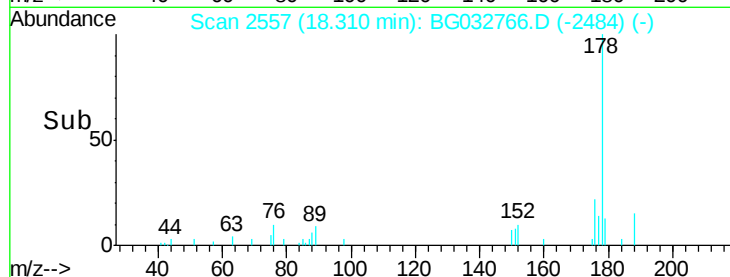
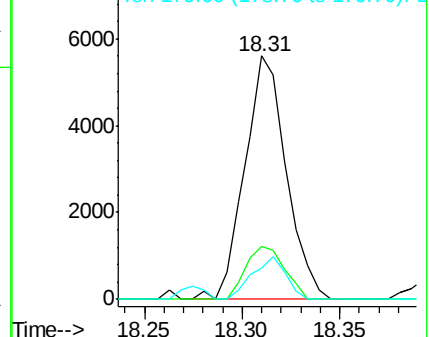
179 13.0 12.5 18.7



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



#72

Carbazole

Concen: 0.151 ng

RT: 18.65 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

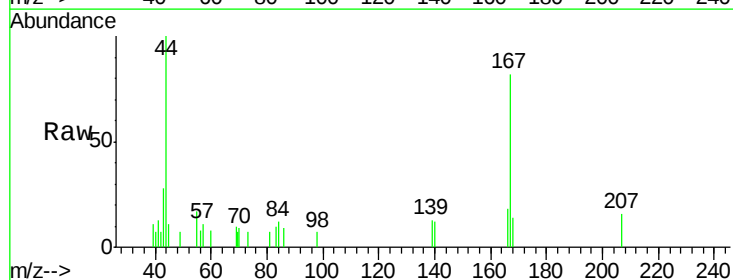
Tgt Ion:167 Resp: 3483

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.4

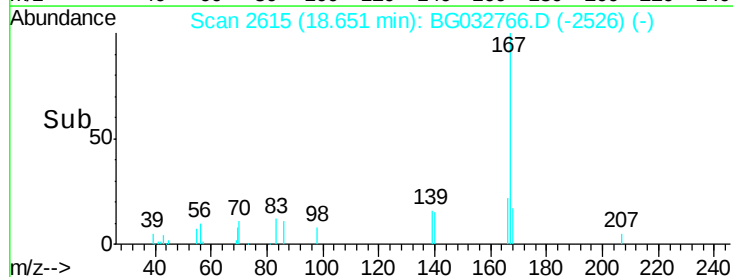
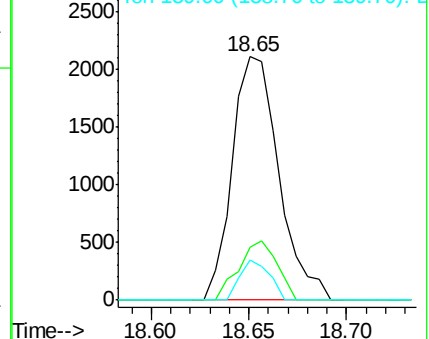
139 16.4 9.4 14.2#

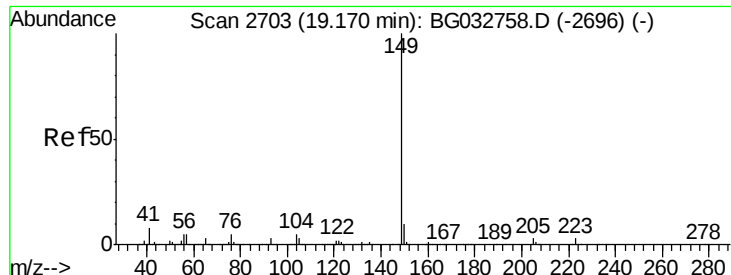


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.044 ng

RT: 19.17 min Scan# 2703

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

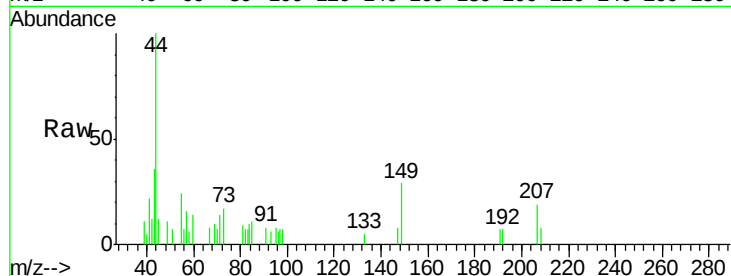
Tot Ion:149 Resp: 1247

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

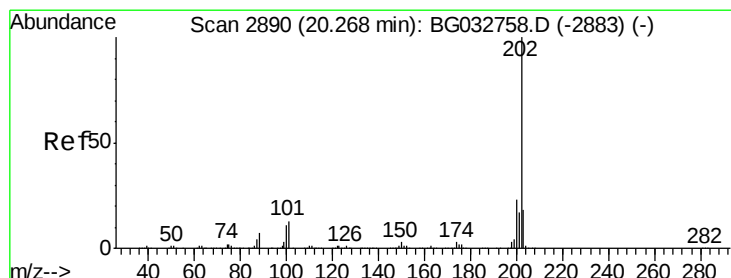
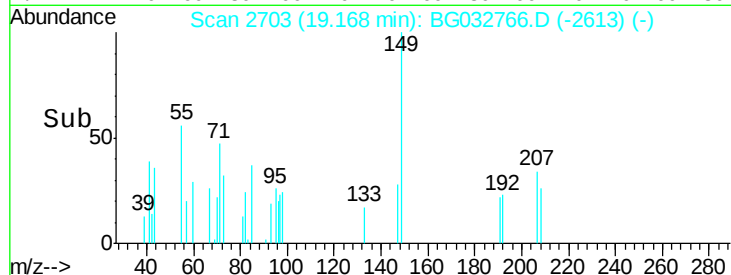
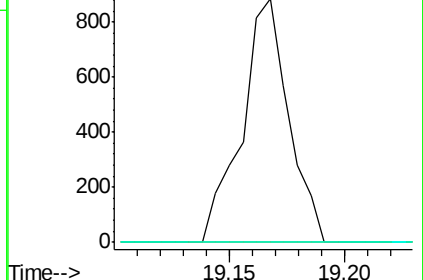
104 0.0 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 0.042 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

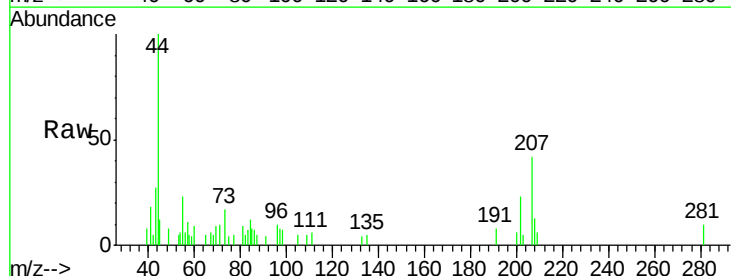
Tgt Ion:202 Resp: 1090

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

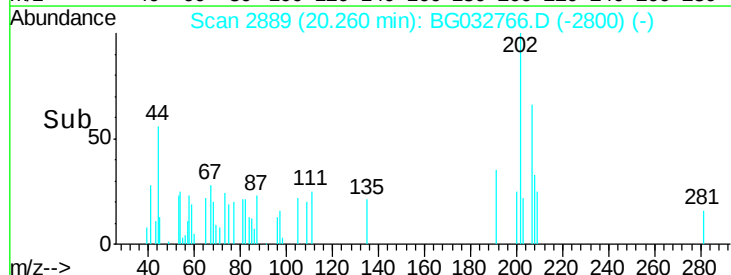
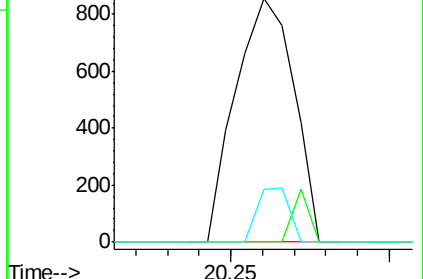
203 21.8 0.0 37.5

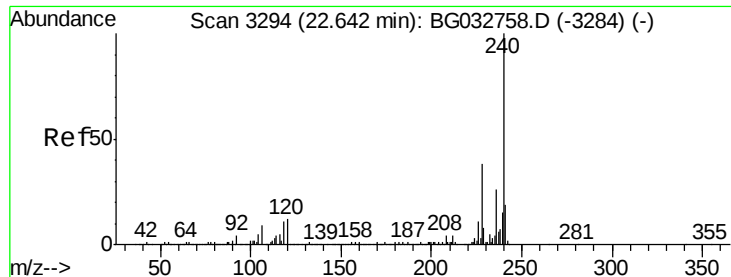


Abundance Ion 202.00 (201.70 to 202.70): E

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# 3292

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

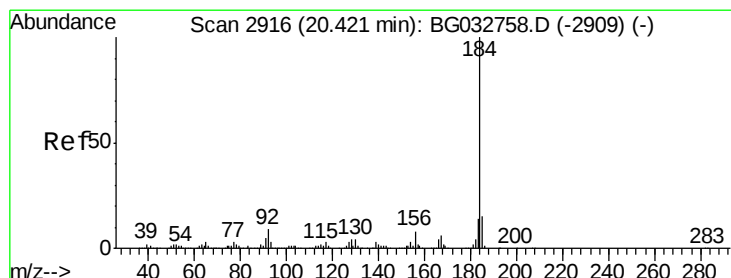
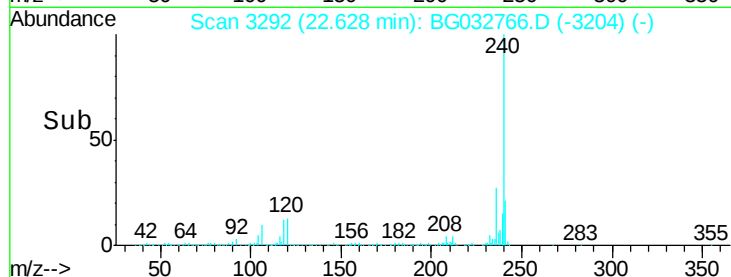
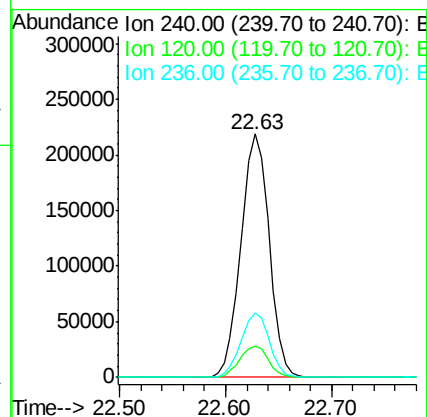
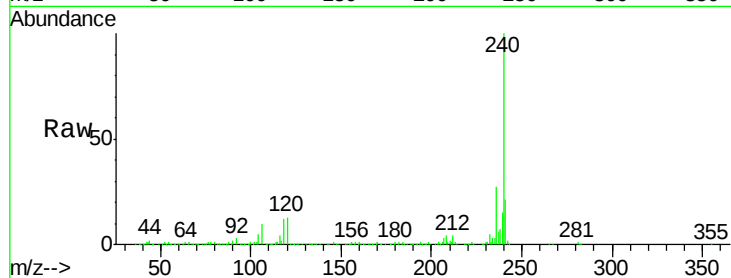
Tot Ion:240 Resp: 404975

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

236 26.7 20.9 31.3



#76

Benzidine

Concen: 2.022 ng

RT: 20.79 min Scan# 2980

Delta R.T. 0.37 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

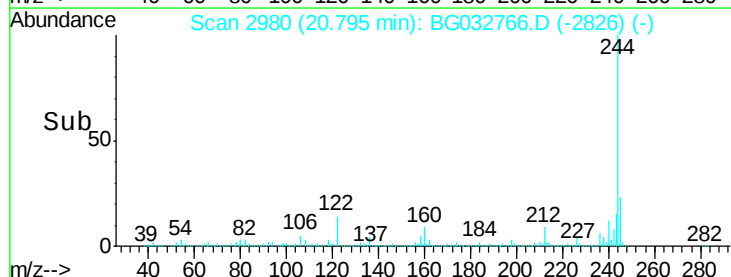
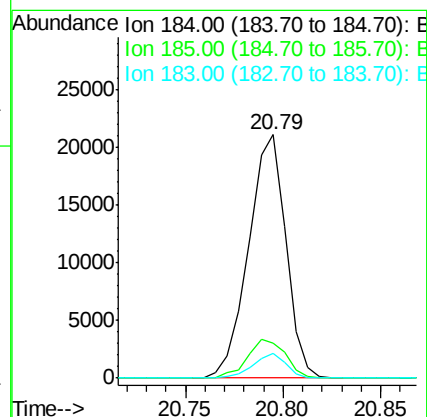
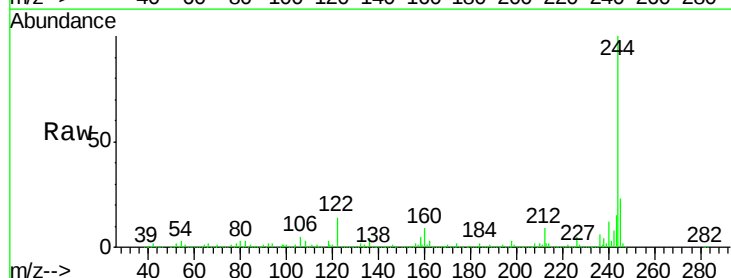
Tgt Ion:184 Resp: 27906

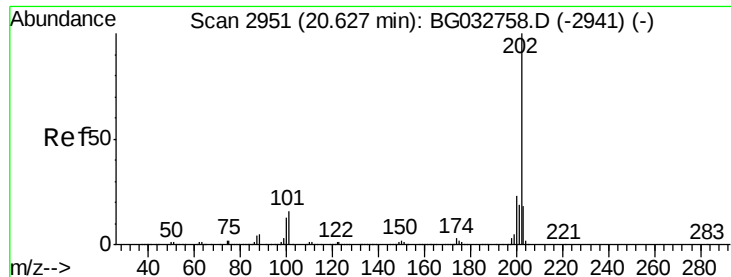
Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

183 9.9 10.6 16.0#





#77

Pvrene

Concen: 0.029 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

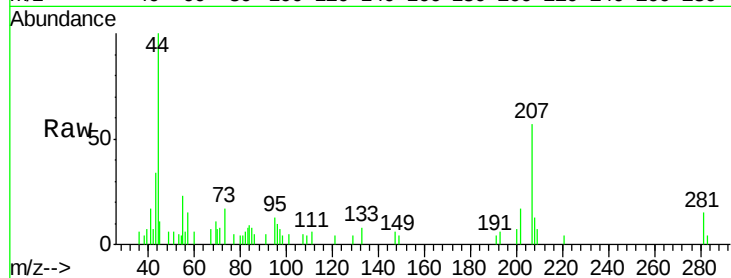
Tot Ion:202 Resp: 828

Ion Ratio Lower Upper

202 100

200 40.3 16.9 25.3#

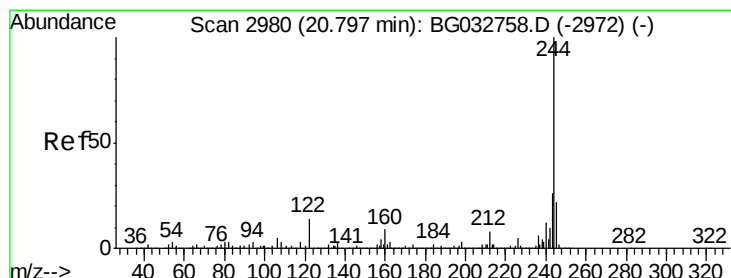
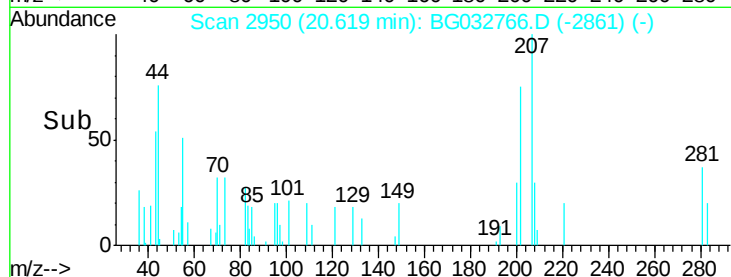
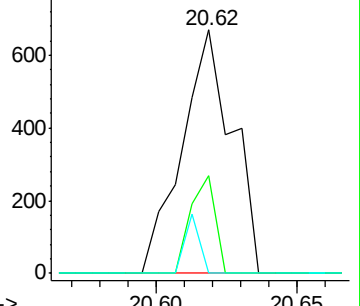
203 0.0 13.9 20.9#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 88.803 ng

RT: 20.79 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

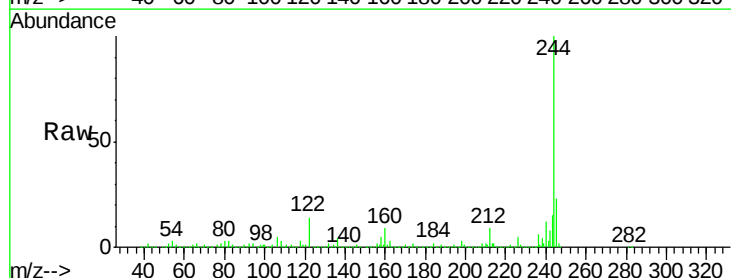
Tgt Ion:244 Resp: 1600675

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

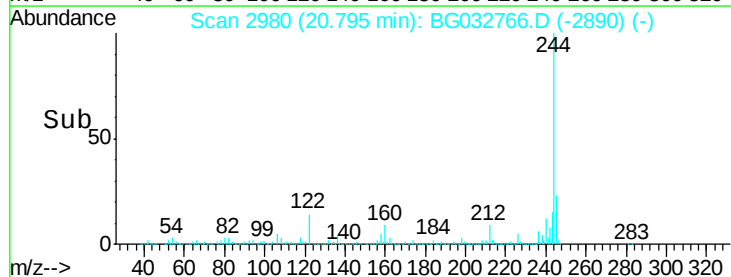
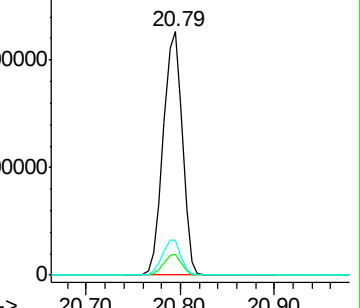
122 14.5 7.0 10.4#

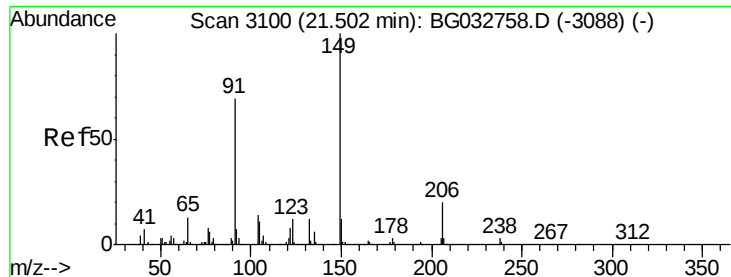


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

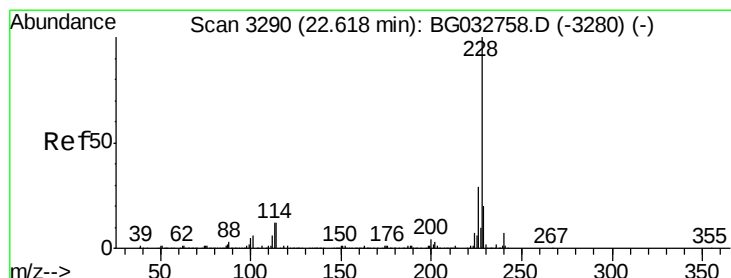
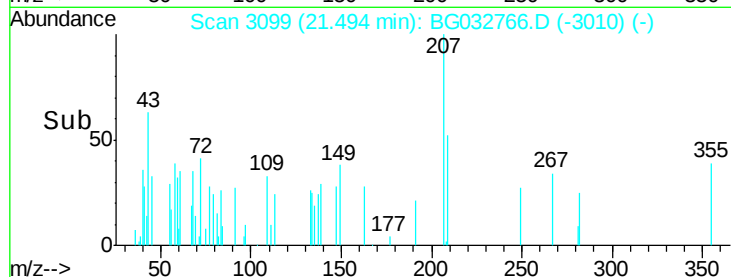
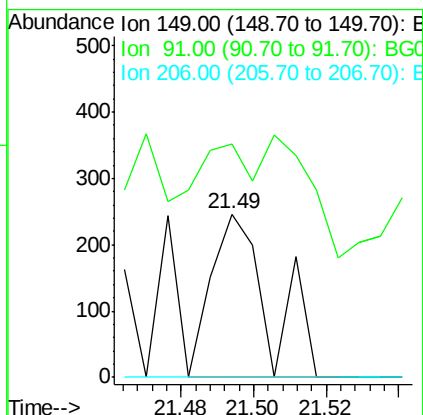
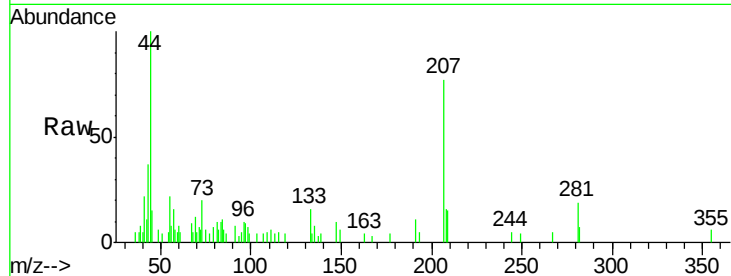




#79
 Butylbenzylphthalate
 Concen: 0.022 ng
 RT: 21.49 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BG032766.D
 Acq: 21 Feb 2018 19:04

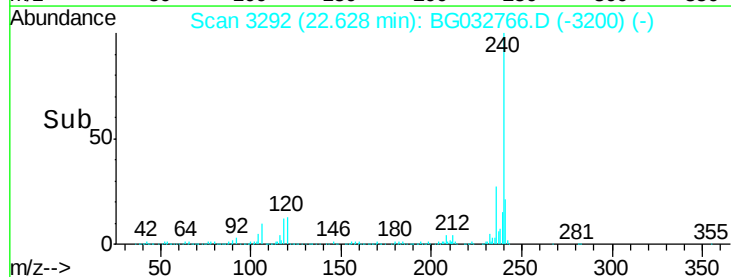
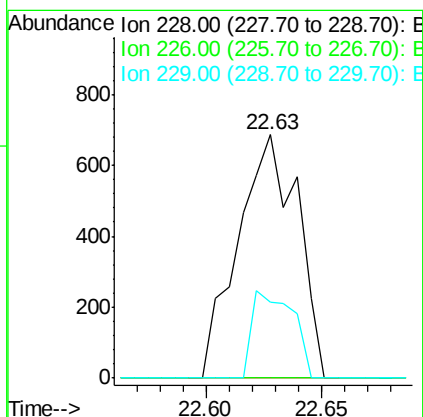
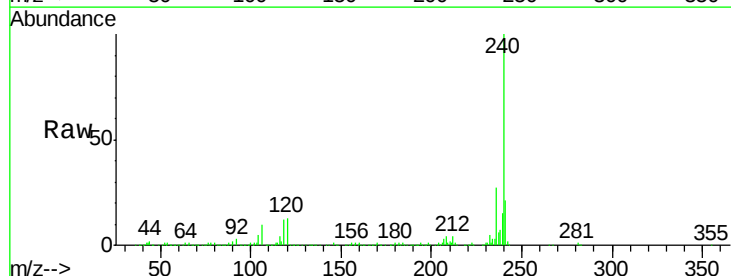
Instrument :
 BNA_G
 ClientSampleID :
 SU-04-022018

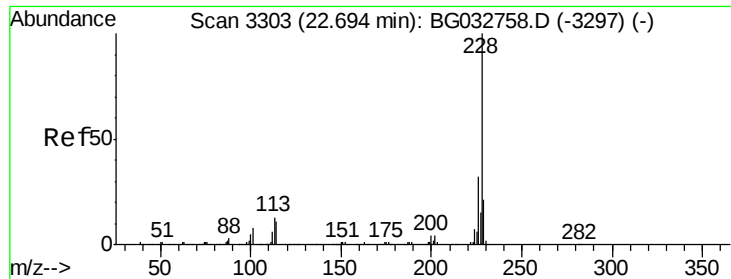
Tot Ion:149 Resp: 274
 Ion Ratio Lower Upper
 149 100
 91 143.1 62.2 93.2#
 206 0.0 18.6 27.8#



#80
 Benzo(a)anthracene
 Concen: 0.047 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. 0.01 min
 Lab File: BG032766.D
 Acq: 21 Feb 2018 19:04

Tgt Ion:228 Resp: 1226
 Ion Ratio Lower Upper
 228 100
 226 0.0 22.7 34.1#
 229 31.1 16.2 24.2#





#82

Chrysene

Concen: 0.049 ng

RT: 22.63 min Scan# 3292

Delta R.T. -0.07 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

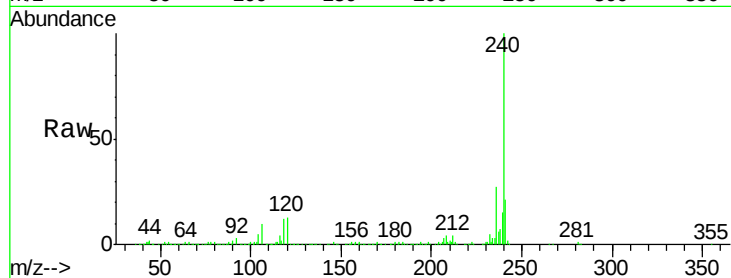
Tot Ion:228 Resp: 1226

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

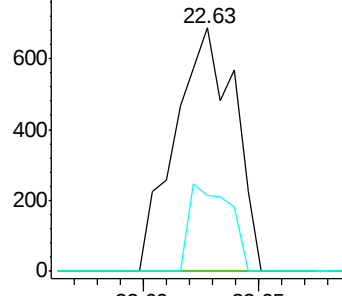
229 31.1 15.0 22.4#



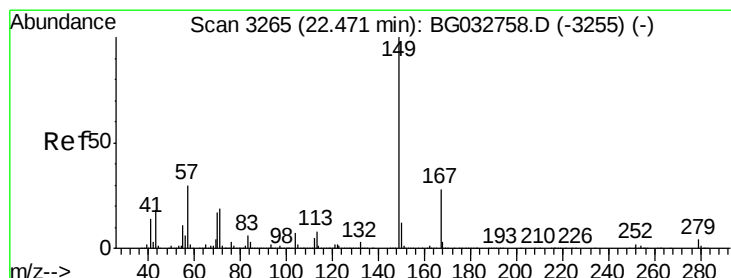
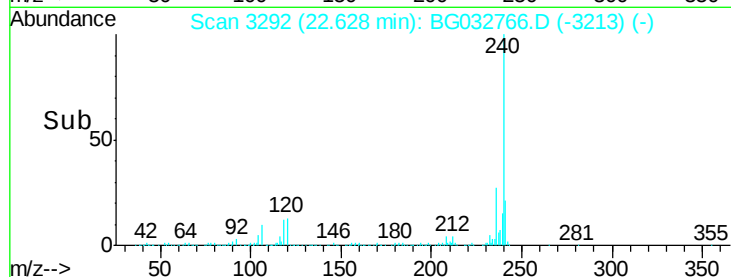
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.368 ng

RT: 22.46 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

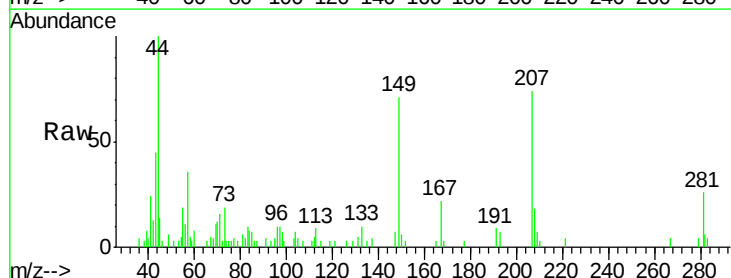
Tgt Ion:149 Resp: 6898

Ion Ratio Lower Upper

149 100

167 31.6 24.3 36.5

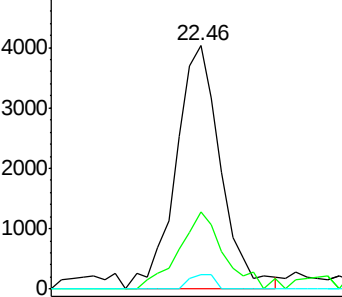
279 5.7 4.0 6.0



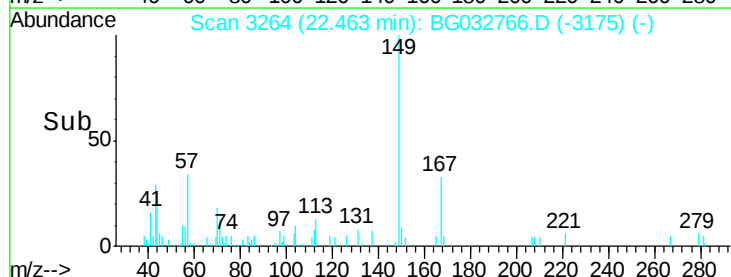
Abundance Ion 149.00 (148.70 to 149.70): E

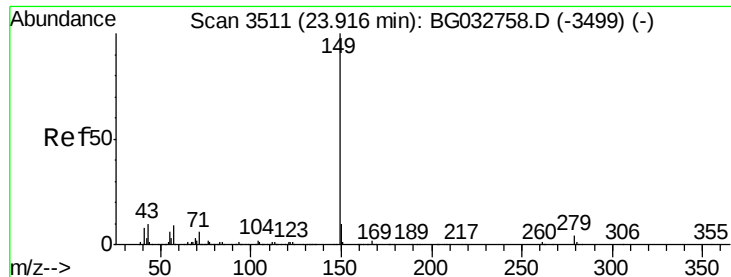
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 23.91 min Scan# 3511

Delta R.T. -0.00 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

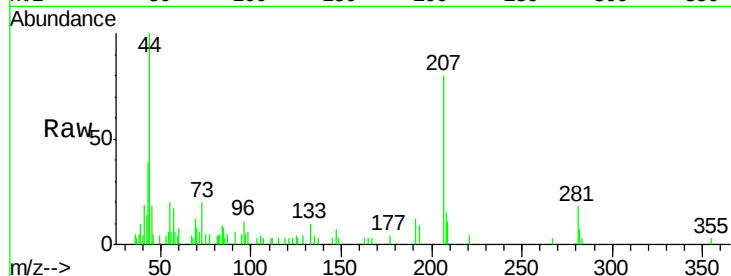
Tot Ion:149 Resp: 138

Ion Ratio Lower Upper

149 100

167 210.9 1.4 2.0#

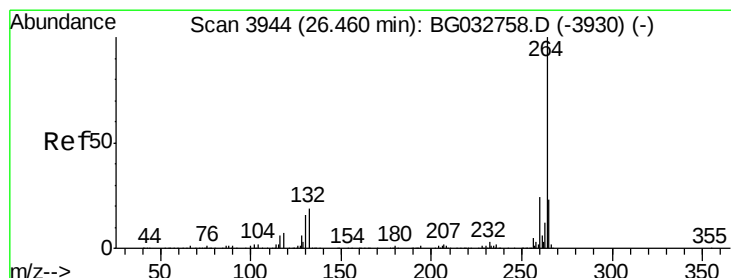
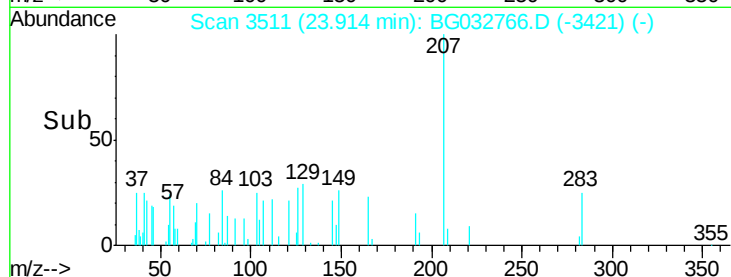
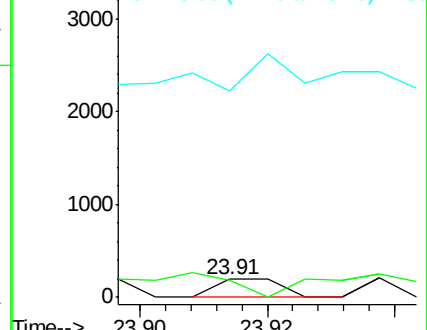
43 315.9 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.45 min Scan# 3942

Delta R.T. -0.01 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

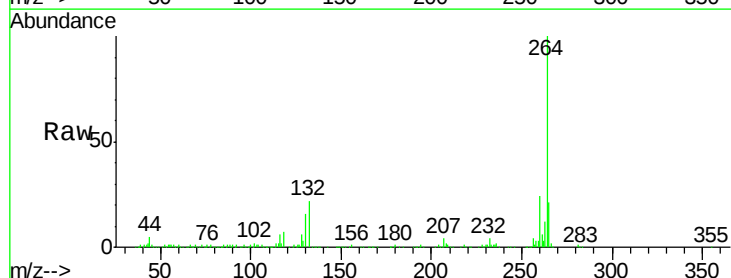
Tgt Ion:264 Resp: 431802

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

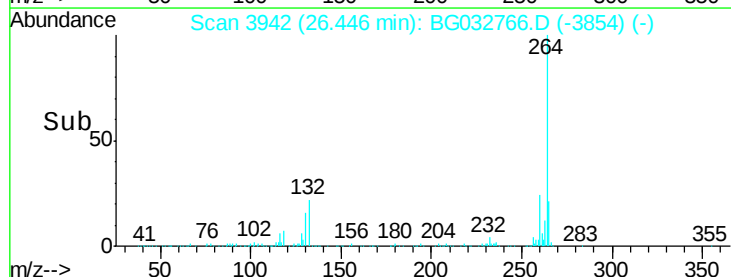
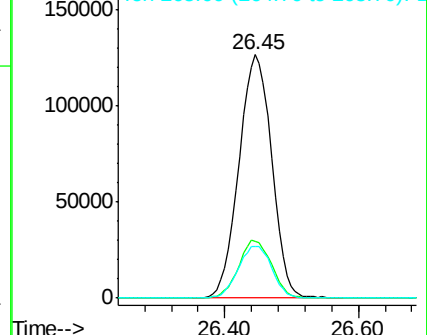
265 21.4 17.7 26.5

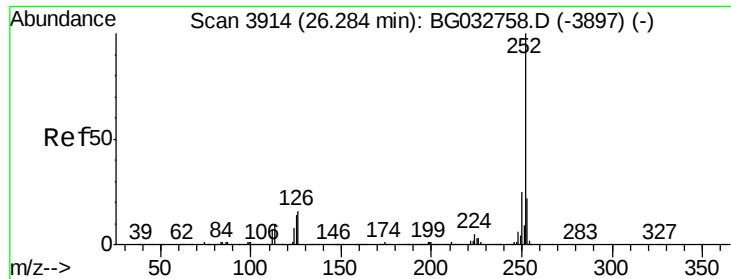


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#89

Benzo(a)pyrene

Concen: 0.060 ng

RT: 26.45 min Scan# 3942

Delta R.T. 0.16 min

Lab File: BG032766.D

Acq: 21 Feb 2018 19:04

Instrument :

BNA_G

ClientSampleId :

SU-04-022018

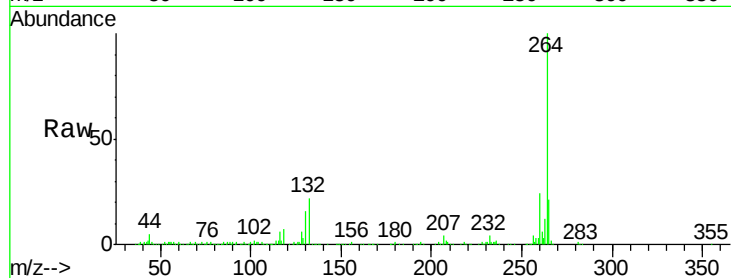
Tot Ion: 252 Resp: 1463

Ion Ratio Lower Upper

252 100

253 41.5 18.3 27.5#

125 35.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

