

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032587.D
 Acq On : 7 Feb 2018 6:49
 Operator : SJ/JU
 Sample : J1455-07
 Misc : MDL-W-8 ppm
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-03-B

Quant Time: Feb 07 07:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	20015	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	86972	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	60309	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	155682	20.00	ng	0.00
75) Chrysene-d12	22.40	240	196651	20.00	ng	0.00
86) Perylene-d12	26.07	264	234589	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	43984	44.14	ng	0.00
7) Phenol-d6	7.82	99	32753	24.63	ng	0.00
23) Nitrobenzene-d5	9.90	82	96445	69.26	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	144922	126.24	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	379084	74.71	ng	0.00
78) Terphenyl-d14	20.61	244	737153	80.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.94	88	100	0.298	ng	# 11
4) n-Nitrosodimethylamine	4.10	42	55	0.117	ng	# 1
10) Phenol	8.22	94	96	0.076	ng	# 1
15) Benzyl Alcohol	9.04	79	1708	1.559	ng	# 52
18) Hexachloroethane	9.83	117	361	0.673	ng	# 18
22) Acetophenone	9.56	105	68	0.033	ng	# 50
24) Nitrobenzene	9.99	77	71	0.053	ng	# 42
25) Isophorone	10.57	82	192	0.081	ng	# 69
28) bis(2-Chloroethoxy)methane	10.60	93	56	0.043	ng	# 51
31) Naphthalene	11.62	128	185	0.044	ng	# 68
33) 4-Chloroaniline	11.70	127	58	0.031	ng	# 46
36) 4-Chloro-3-methylphenol	12.81	107	57	0.039	ng	# 22
37) 2-Methylnaphthalene	13.09	142	72	0.020	ng	# 17
39) 1,2,4,5-Tetrachlorobenzene	13.31	216	80	0.028	ng	# 25
45) 1,1'-Biphenyl	14.17	154	809	0.159	ng	# 43
46) 2-Chloronaphthalene	14.52	162	138	0.035	ng	# 20
47) 2-Nitroaniline	14.45	65	70	0.079	ng	# 9
48) Acenaphthylene	14.89	152	68	0.011	ng	# 59
49) Dimethylphthalate	14.77	163	984	0.177	ng	# 34
51) Acenaphthene	15.40	154	494	0.118	ng	# 58
52) 3-Nitroaniline	15.26	138	55	0.054	ng	# 1
54) Dibenzofuran	15.74	168	283	0.046	ng	# 46
55) 4-Nitrophenol	15.56	139	54	0.071	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	260	0.156	ng	# 66
57) Fluorene	16.38	166	427	0.083	ng	# 50
59) Diethylphthalate	16.10	149	590	0.109	ng	# 1
60) 4-Chlorophenyl-phenylether	16.29	204	66	0.020	ng	# 18
61) 4-Nitroaniline	16.41	138	57	0.052	ng	# 12
62) Azobenzene	16.63	77	790	0.244	ng	# 50
64) 4,6-Dinitro-2-methylphenol	16.50	198	60	0.052	ng	# 1
65) n-Nitrosodiphenylamine	16.82	169	4034	0.868	ng	# 52
68) Atrazine	17.41	200	56	0.028	ng	# 35
69) Pentachlorophenol	17.51	266	56	0.035	ng	# 19
70) Phenanthrene	18.12	178	120	0.014	ng	# 60

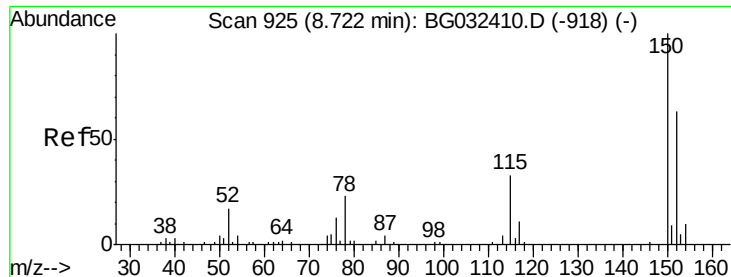
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032587.D
 Acq On : 7 Feb 2018 6:49
 Operator : SJ/JU
 Sample : J1455-07
 Misc : MDL-W-8 ppm
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-03-B

Quant Time: Feb 07 07:39:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	18.21	178	55	0.006	ng	# 1
72) Carbazole	18.48	167	418	0.055	ng	# 6
73) Di-n-butylphthalate	18.98	149	1260	0.149	ng	# 54
74) Fluoranthene	20.10	202	128	0.011	ng	# 65
77) Pyrene	20.50	202	228	0.019	ng	# 31
79) Butylbenzylphthalate	21.29	149	208	0.055	ng	# 36
80) Benzo(a)anthracene	22.39	228	189	0.016	ng	# 50
81) 3,3'-Dichlorobenzidine	22.15	252	56	0.012	ng	# 26
82) Chrysene	22.41	228	267	0.023	ng	# 49
83) Bis(2-ethylhexyl)phthalate	22.22	149	407	0.075	ng	# 50
84) Di-n-octyl phthalate	23.59	149	144	0.017	ng	# 1
89) Benzo(a)pyrene	26.05	252	250	0.019	ng	# 59

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

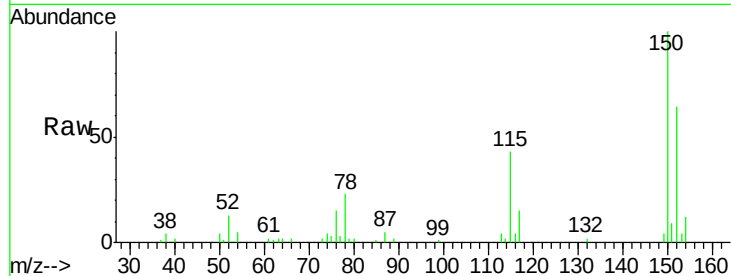


#1

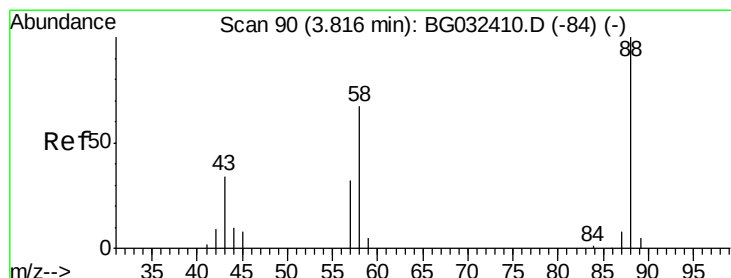
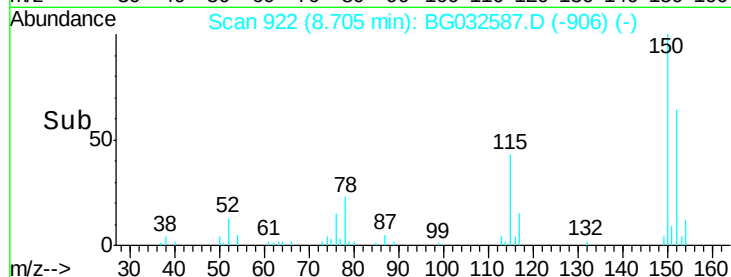
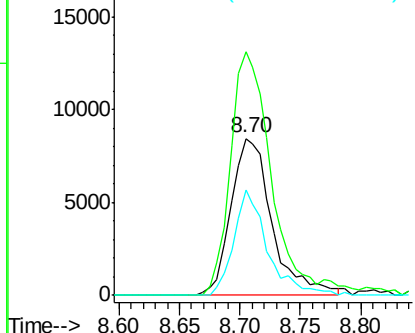
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Instrument :
BNA_G
ClientSampleId :
LW-03-B

Tot Ion:152 Resp: 20015
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 67.1 53.0 79.4



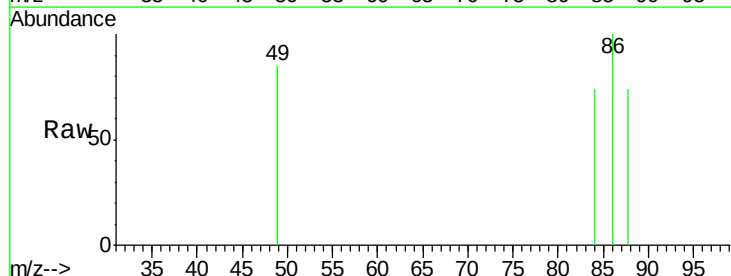
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



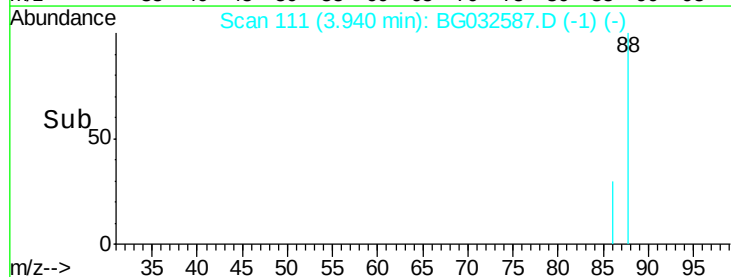
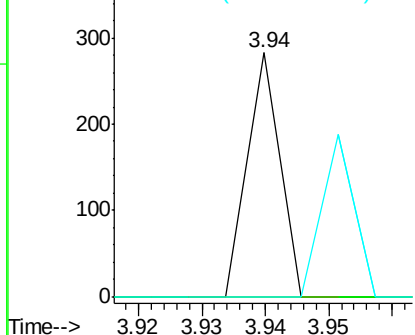
#2

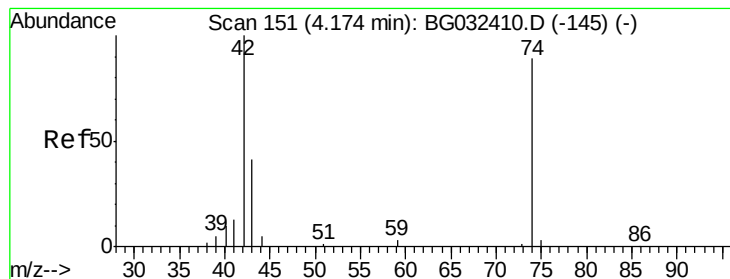
1,4-Dioxane
Concen: 0.298 ng
RT: 3.94 min Scan# 111
Delta R.T. 0.13 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

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



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





#4

n-Nitrosodimethylamine

Concen: 0.117 ng

RT: 4.10 min Scan# 138

Delta R.T. -0.07 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

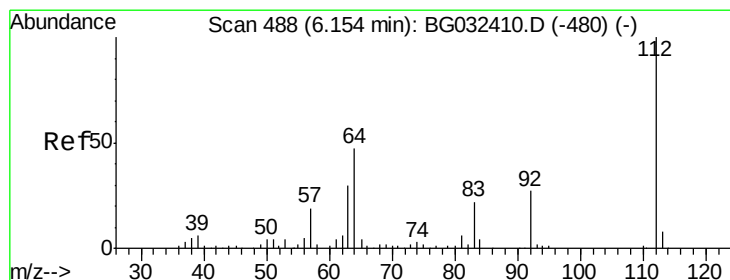
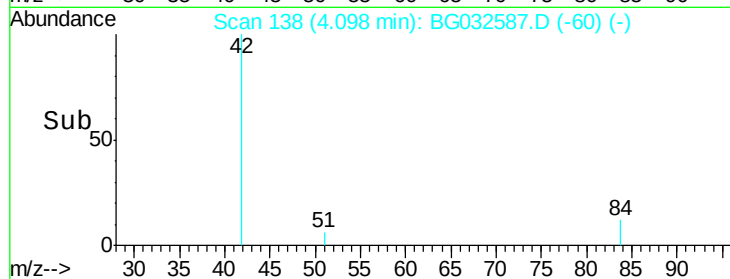
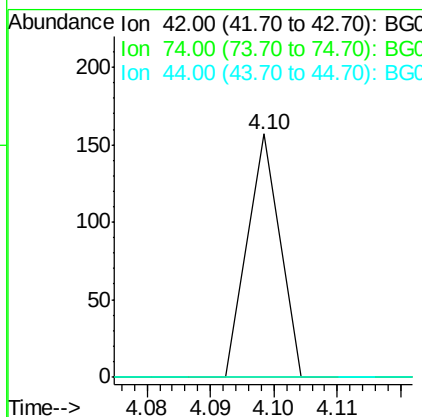
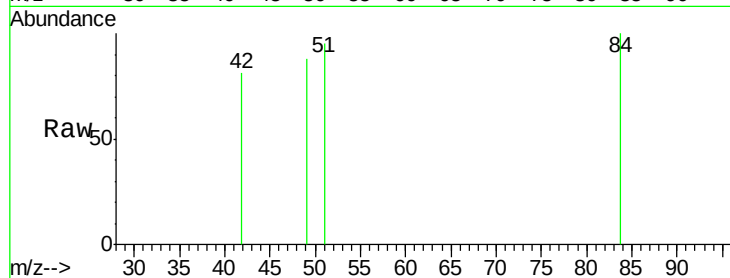
Instrument :

BNA_G

ClientSampleId :

LW-03-B

Tot Ion:	42	Resp:	55
Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	0.0	18.9	28.3#



#5

2-Fluorophenol

Concen: 44.139 ng

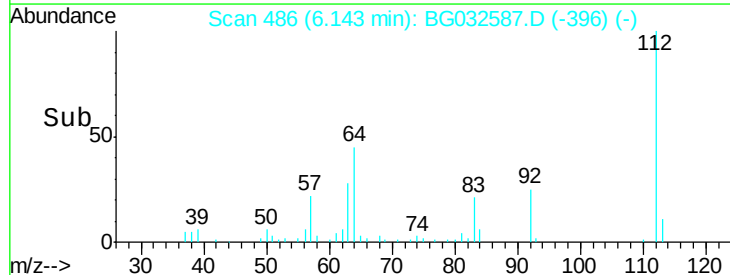
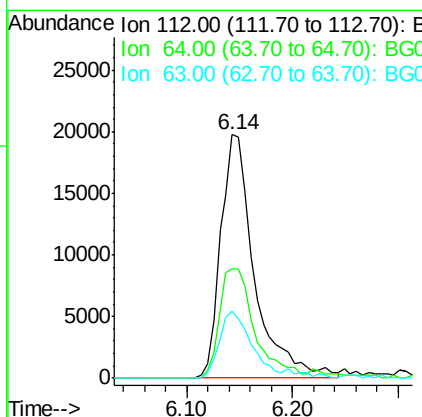
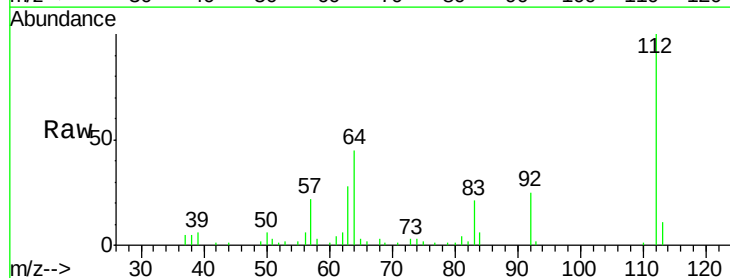
RT: 6.14 min Scan# 486

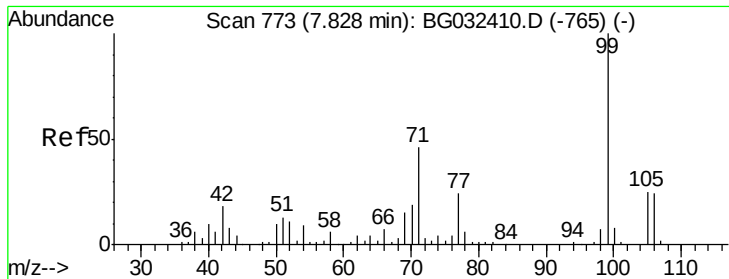
Delta R.T. 0.00 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Tgt Ion:	112	Resp:	43984
Ion	Ratio	Lower	Upper
112	100		
64	44.6	56.3	84.5#
63	27.7	30.1	45.1#





#7

Phenol-d6

Concen: 24.631 ng

RT: 7.82 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

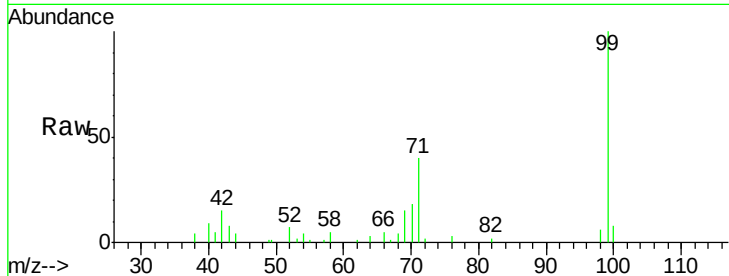
Tot Ion: 99 Resp: 32753

Ion Ratio Lower Upper

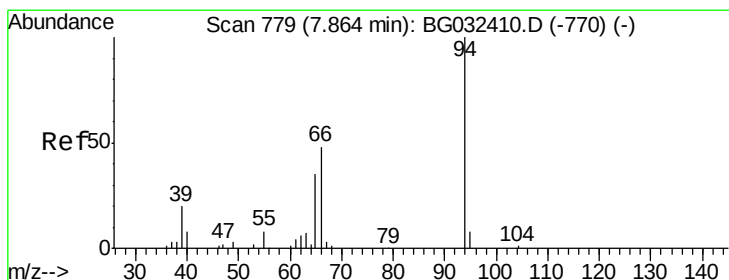
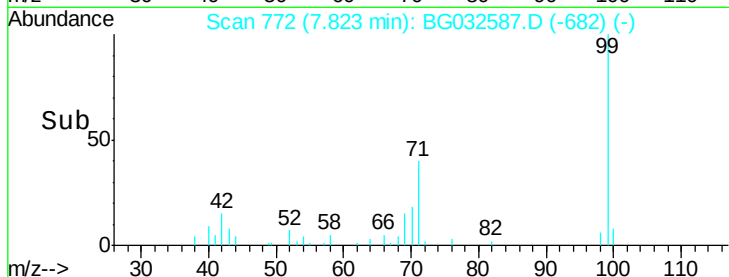
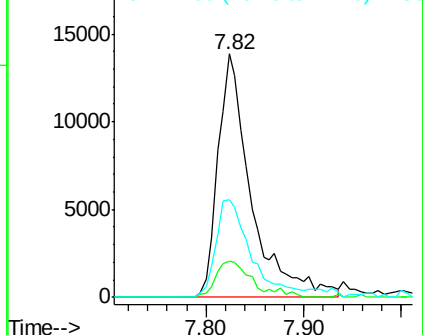
99 100

42 15.0 14.1 21.1

71 40.1 26.1 39.1#



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



#10

Phenol

Concen: 0.076 ng

RT: 8.22 min Scan# 839

Delta R.T. 0.36 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

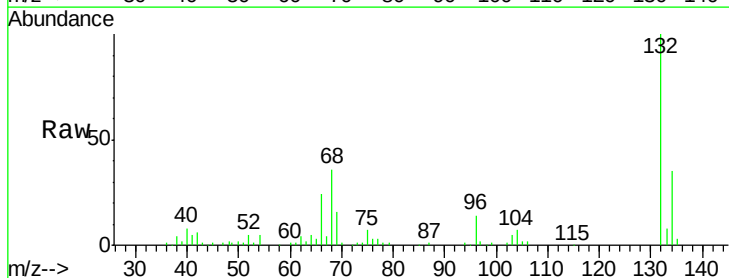
Tgt Ion: 94 Resp: 96

Ion Ratio Lower Upper

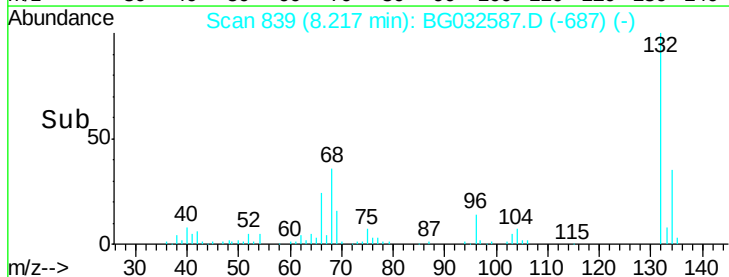
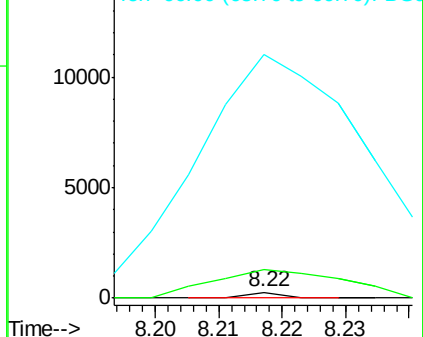
94 100

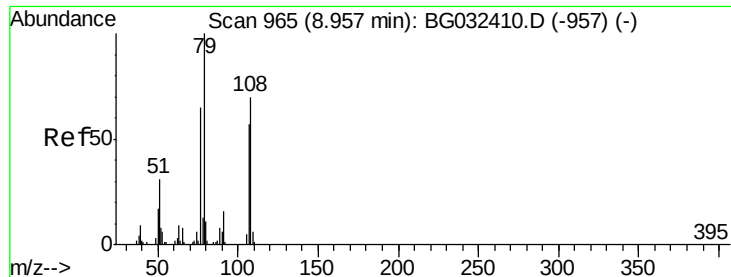
65 473.1 11.9 51.9#

66 4063.1 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 1.559 ng

RT: 9.04 min Scan# 979

Delta R.T. 0.09 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

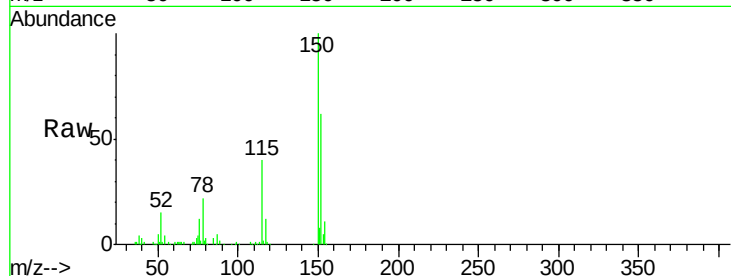
Tot Ion: 79 Resp: 1708

Ion Ratio Lower Upper

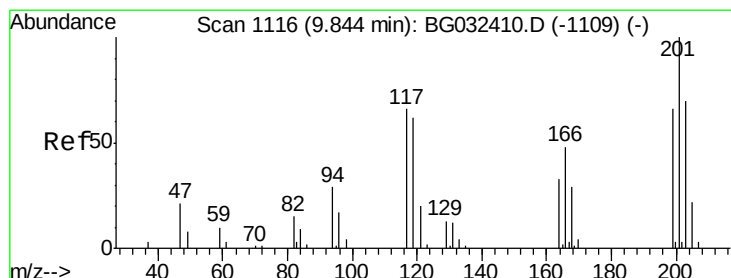
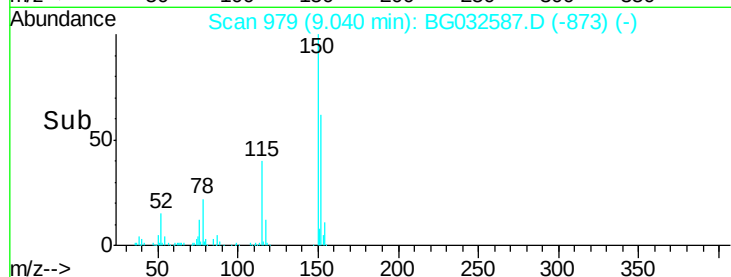
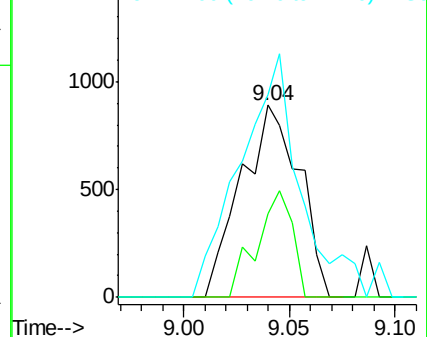
79 100

108 43.8 57.2 85.8#

77 105.7 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



#18

Hexachloroethane

Concen: 0.673 ng

RT: 9.83 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

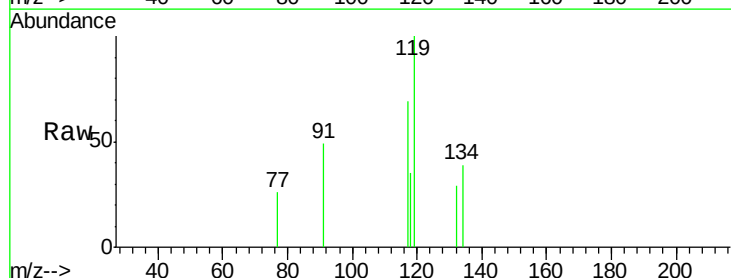
Tgt Ion: 117 Resp: 361

Ion Ratio Lower Upper

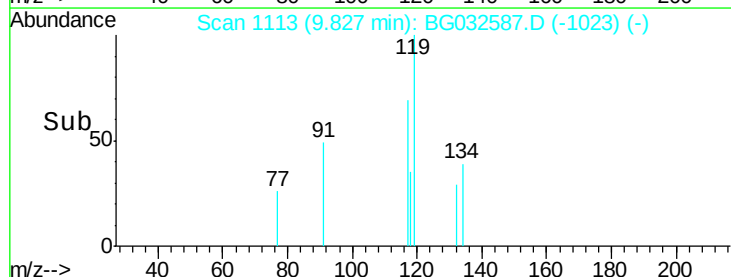
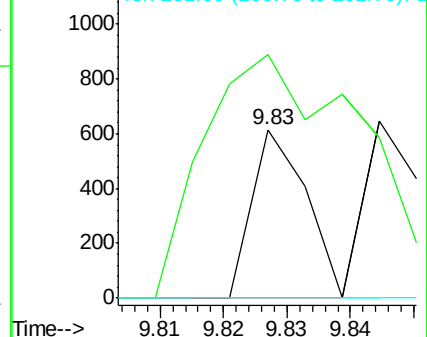
117 100

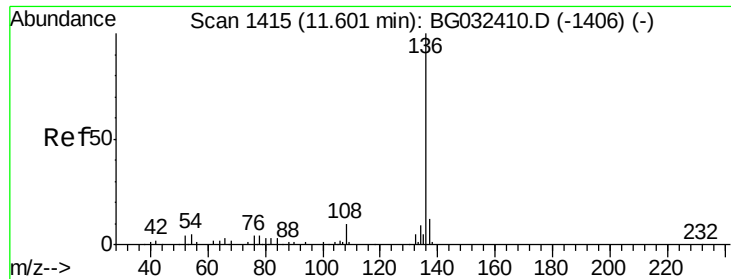
119 144.6 76.7 115.1#

201 0.0 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): BGC
Ion 119.00 (118.70 to 119.70): BGC
Ion 201.00 (200.70 to 201.70): BGC

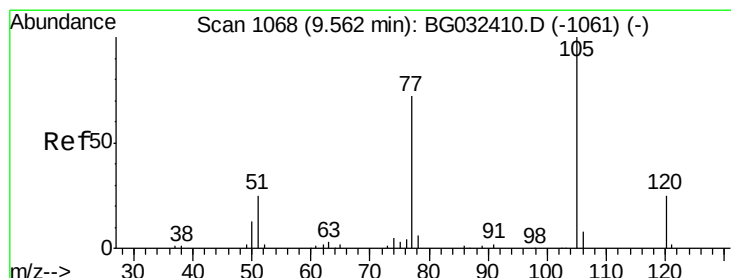
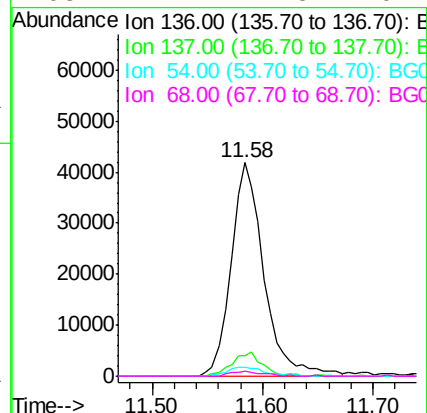
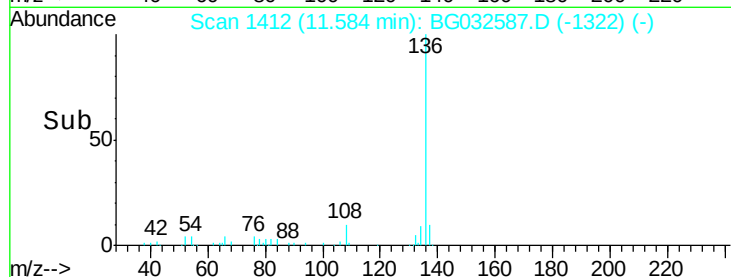
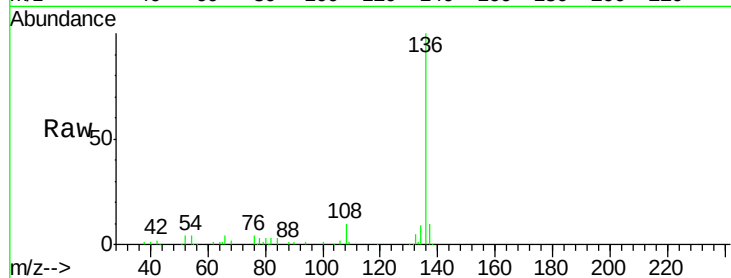




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

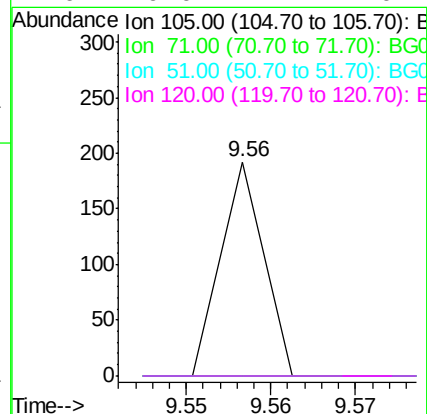
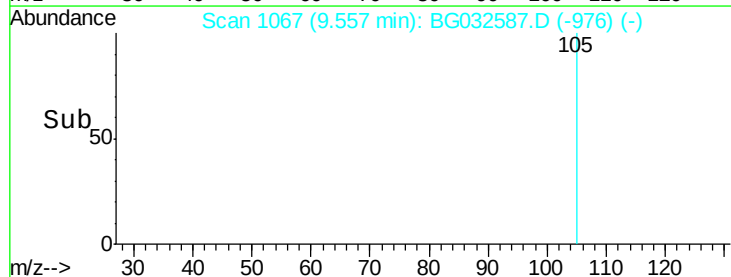
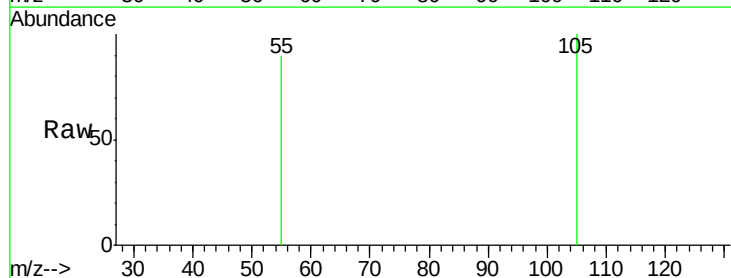
Instrument :
BNA_G
ClientSampleId :
LW-03-B

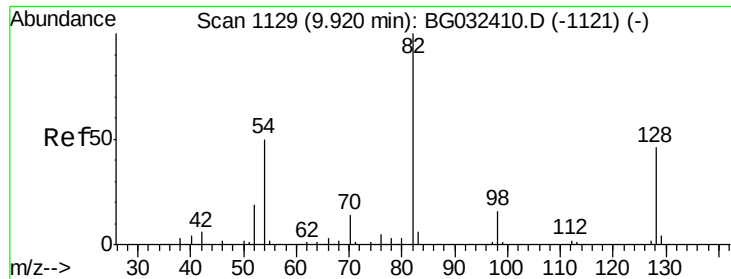
Tot Ion:136	Resp:	86972
Ion Ratio	Lower	Upper
136	100	
137	9.6	9.2 13.8
54	4.3	10.3 15.5#
68	2.4	4.5 6.7#



#22
Acetophenone
Concen: 0.033 ng
RT: 9.56 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion:105	Resp:	68
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	0.0	26.1 39.1#
120	0.0	17.4 26.2#

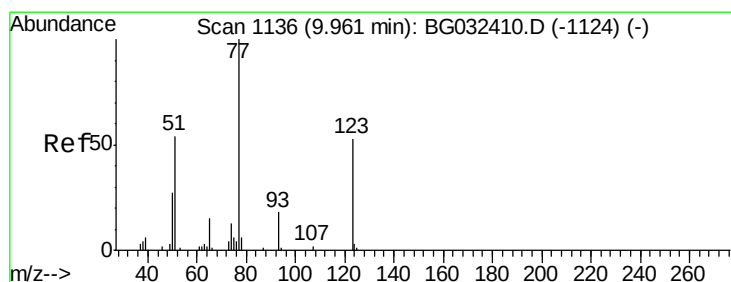
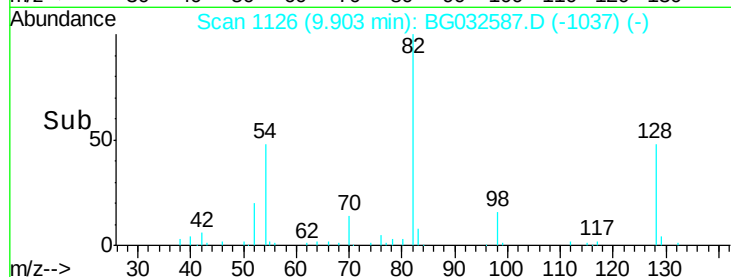
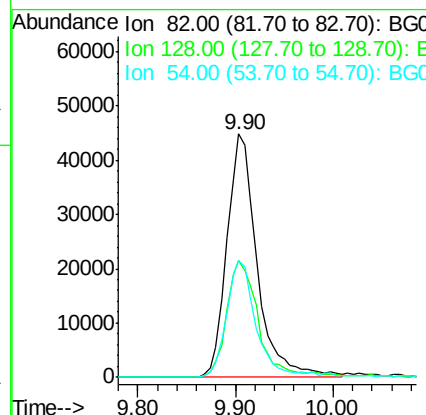
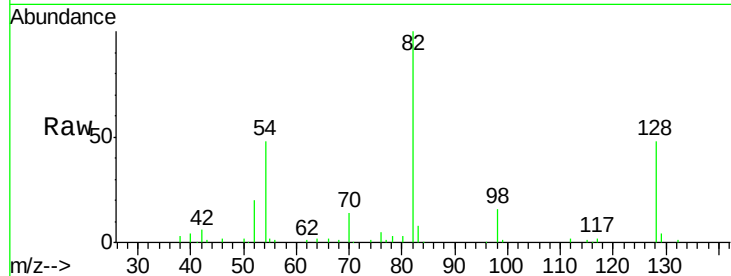




#23
Nitrobenzene-d5
Concen: 69.264 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

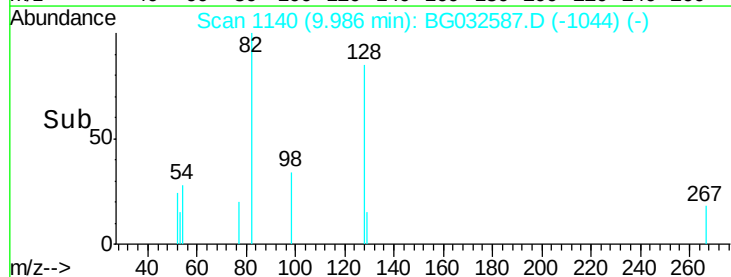
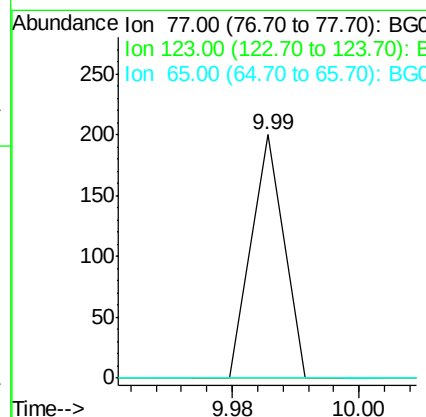
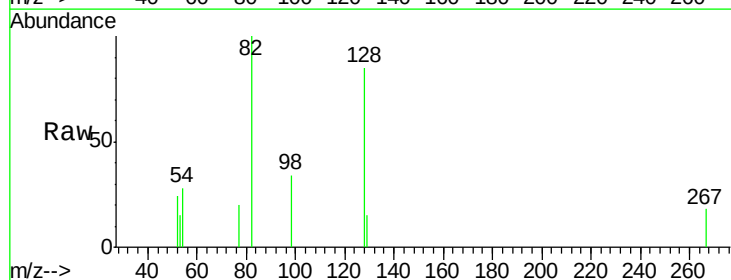
Instrument :
BNA_G
ClientSampleId :
LW-03-B

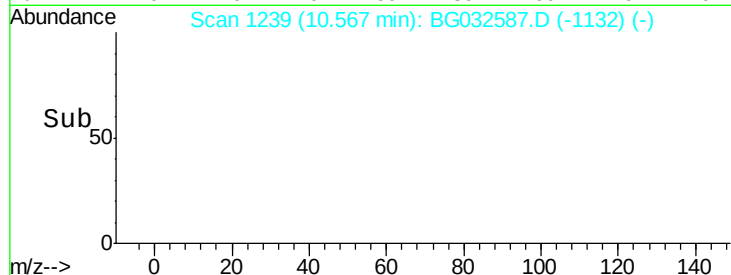
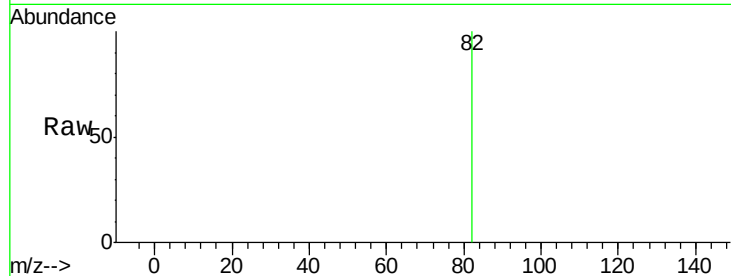
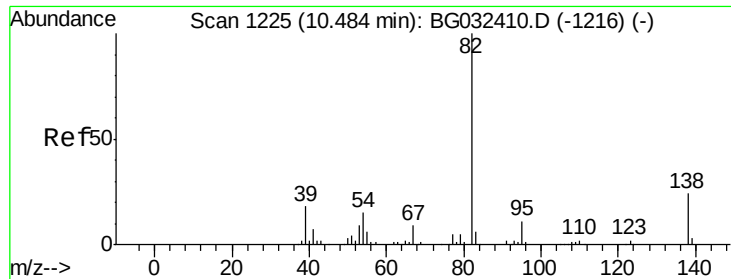
Tot Ion: 82 Resp: 96445
Ion Ratio Lower Upper
82 100
128 48.1 29.7 44.5#
54 47.9 43.1 64.7



#24
Nitrobenzene
Concen: 0.053 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.04 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion: 77 Resp: 71
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 0.0 13.0 19.6#





#25

Isophorone

Concen: 0.081 ng

RT: 10.57 min Scan# 1239

Delta R.T. 0.10 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

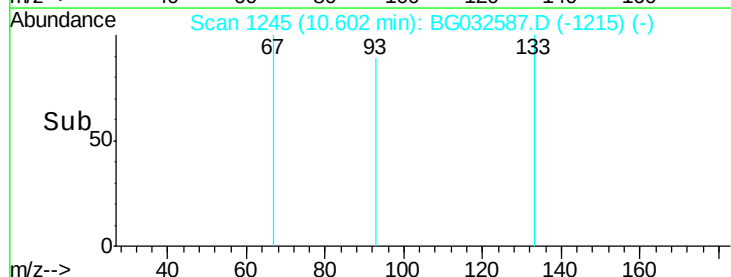
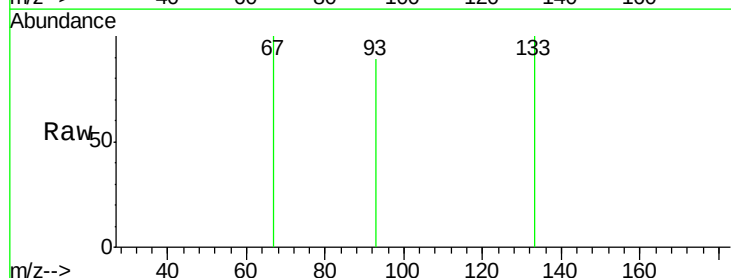
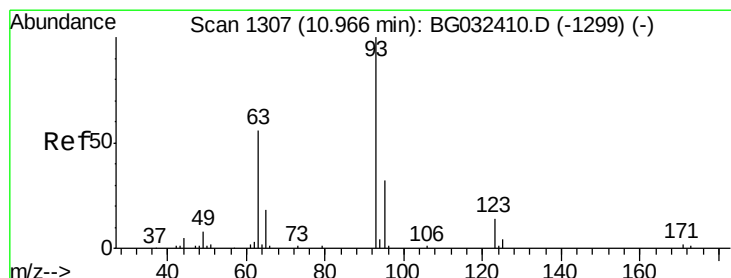
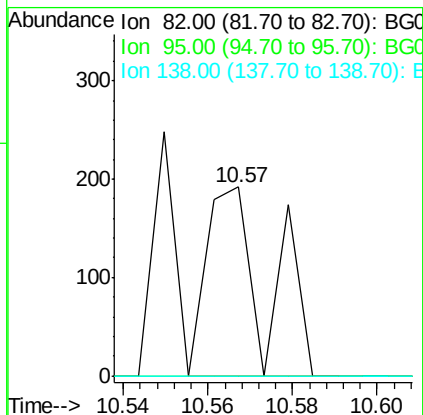
Tot Ion: 82 Resp: 192

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.1 18.1#



#28

bis(2-Chloroethoxy)methane

Concen: 0.043 ng

RT: 10.60 min Scan# 1245

Delta R.T. -0.35 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

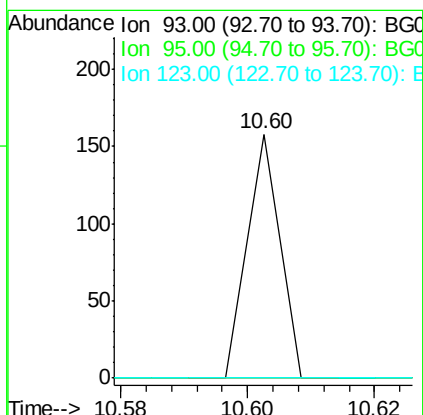
Tgt Ion: 93 Resp: 56

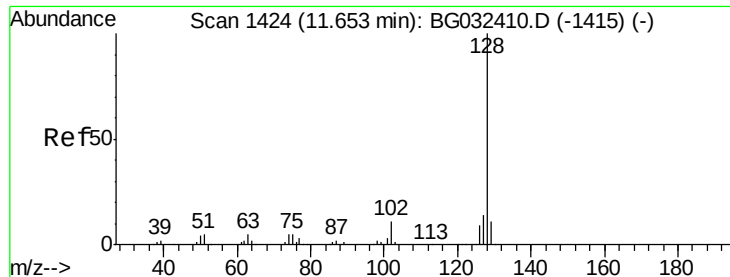
Ion Ratio Lower Upper

93 100

95 0.0 24.3 36.5#

123 0.0 8.4 12.6#





#31

Naphthalene

Concen: 0.044 ng

RT: 11.62 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampleId :

LW-03-B

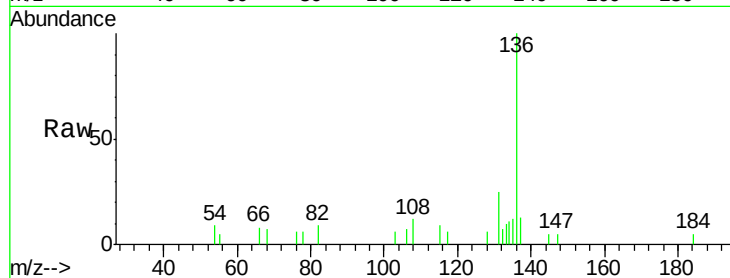
Tot Ion:128 Resp: 185

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

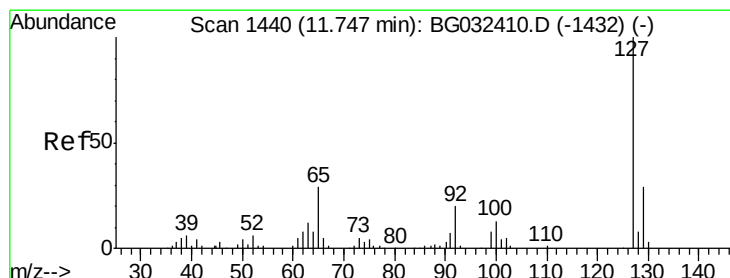
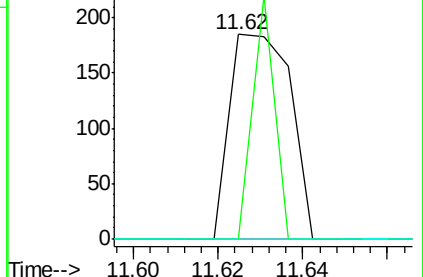
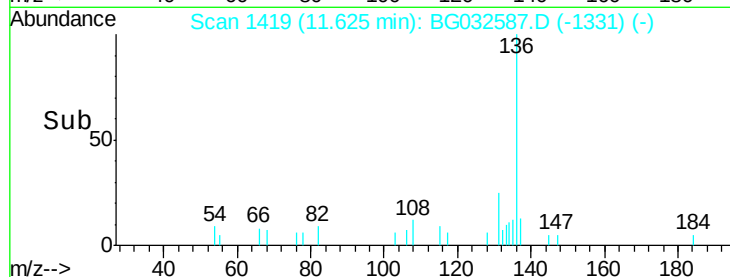
127 0.0 11.6 17.4#



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



#33

4-Chloroaniline

Concen: 0.031 ng

RT: 11.70 min Scan# 1432

Delta R.T. -0.03 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Tgt Ion:127 Resp: 58

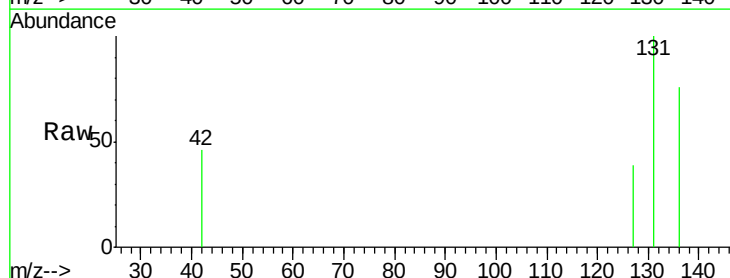
Ion Ratio Lower Upper

127 100

129 0.0 24.0 36.0#

65 0.0 27.0 40.4#

92 0.0 16.6 25.0#

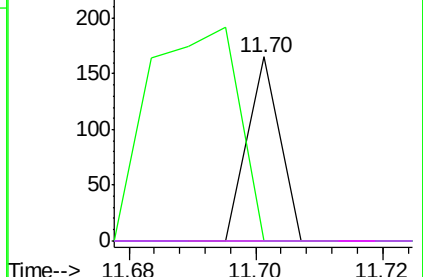
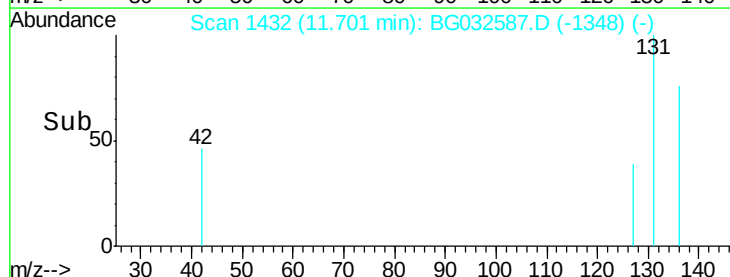


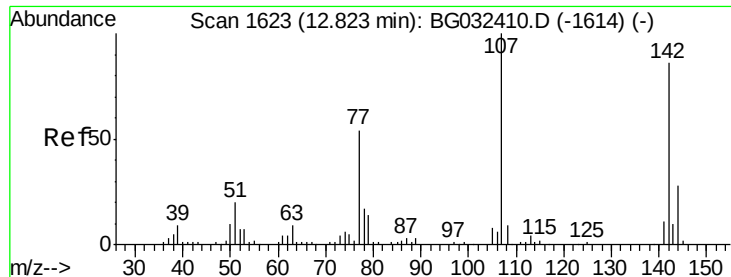
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

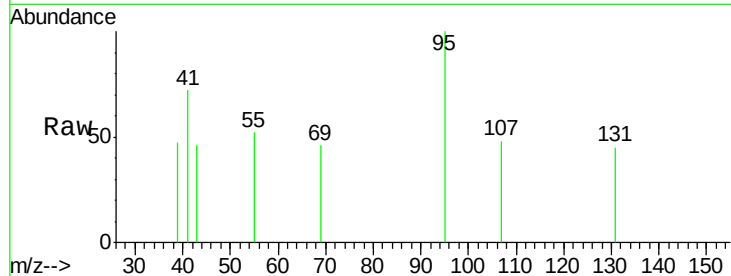




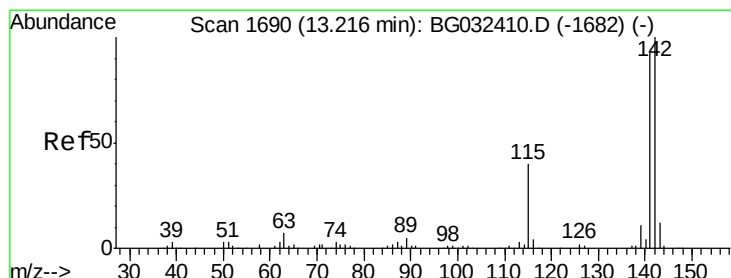
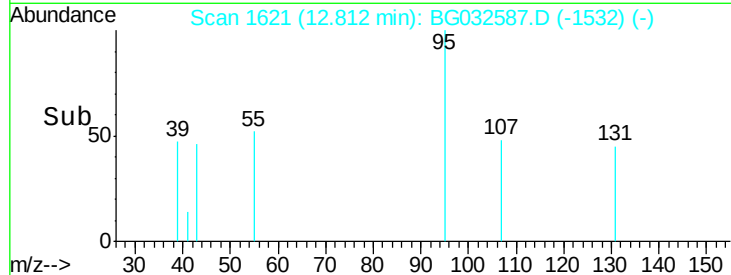
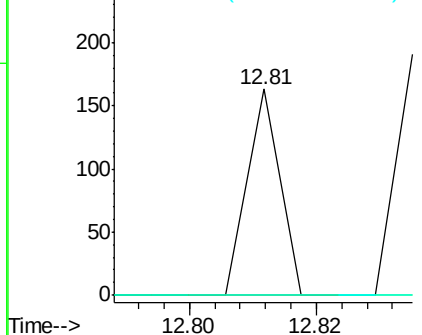
#36
 4-Chloro-3-methylphenol
 Concen: 0.039 ng
 RT: 12.81 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Instrument :
 BNA_G
 ClientSampled :
 LW-03-B

Tot Ion:107 Resp: 57
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.4#
 142 0.0 59.0 88.4#

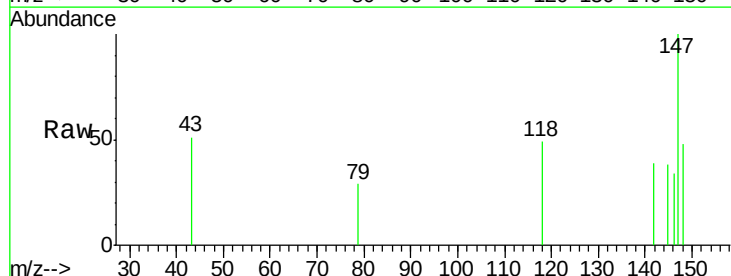


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

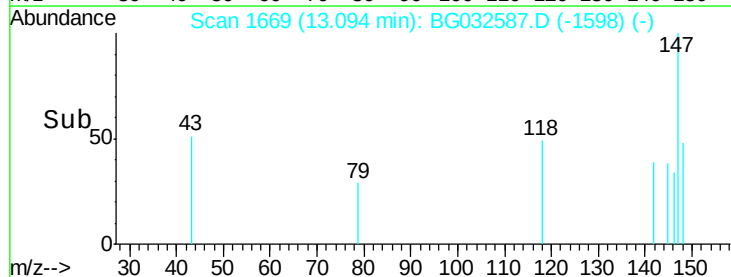
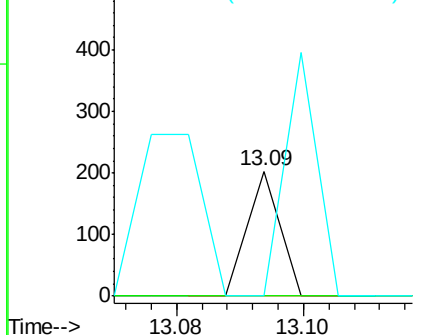


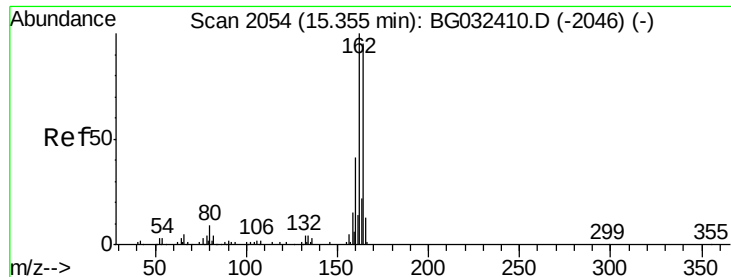
#37
 2-Methylnaphthalene
 Concen: 0.020 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.11 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Tgt Ion:142 Resp: 72
 Ion Ratio Lower Upper
 142 100
 141 0.0 67.1 100.7#
 115 0.0 30.7 46.1#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampleId :

LW-03-B

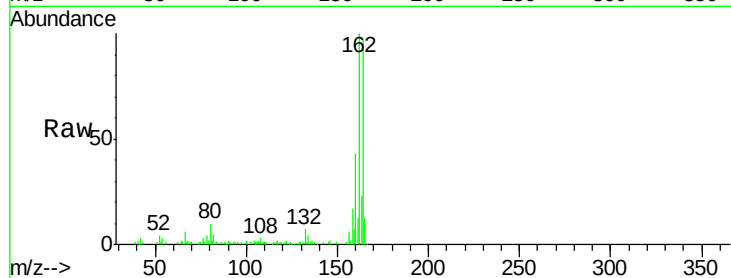
Tot Ion:164 Resp: 60309

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

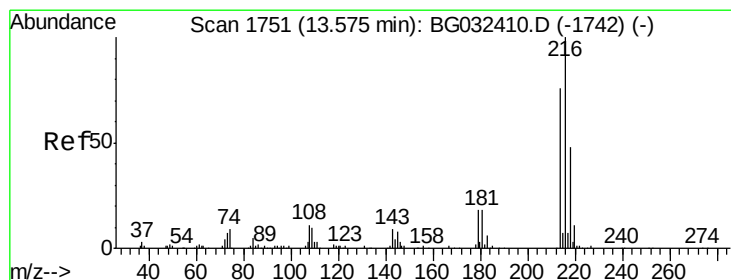
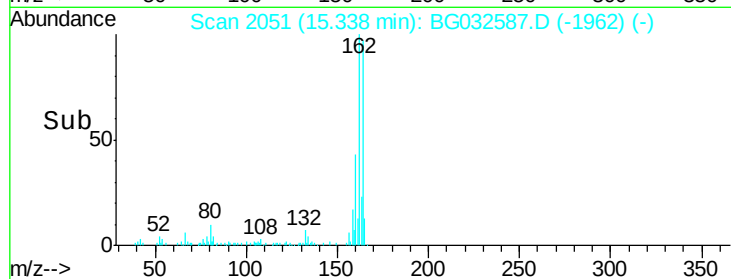
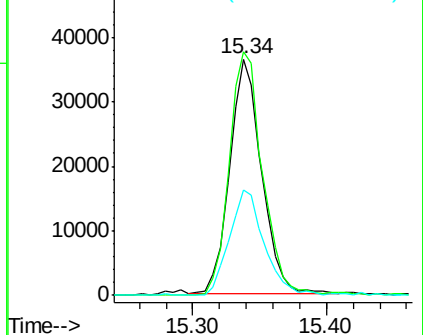
160 44.8 35.4 53.0



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.028 ng

RT: 13.31 min Scan# 1705

Delta R.T. -0.25 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Tgt Ion:216 Resp: 80

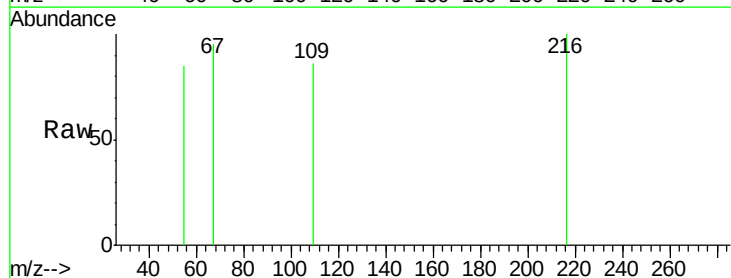
Ion Ratio Lower Upper

216 100

214 0.0 63.0 94.4#

179 0.0 17.0 25.6#

108 0.0 12.8 19.2#

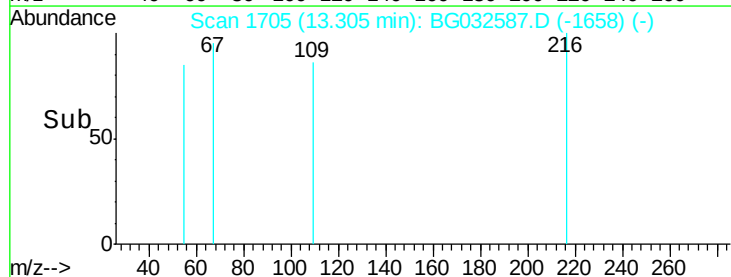
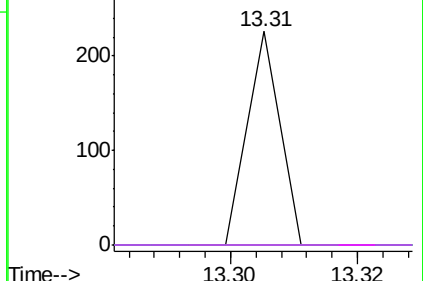


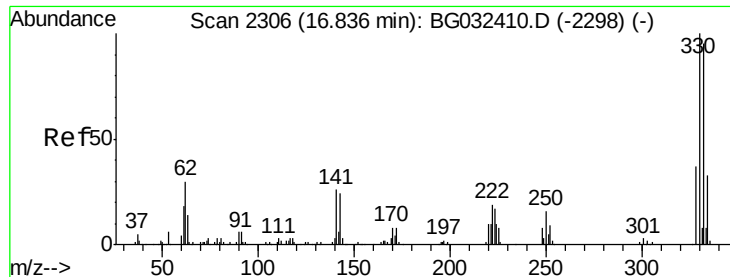
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

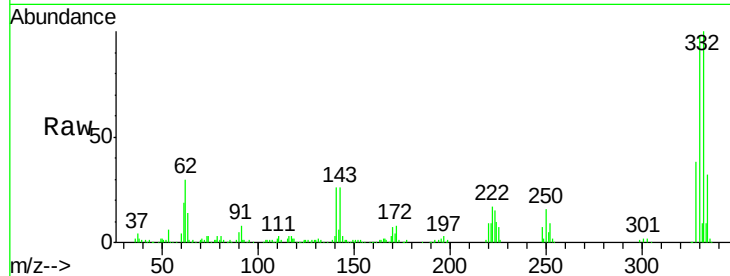




#41
 2,4,6-Tribromophenol
 Concen: 126.241 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Instrument :
 BNA_G
 ClientSampleId :
 LW-03-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	77.0	115.6
141	26.3	25.2	37.8

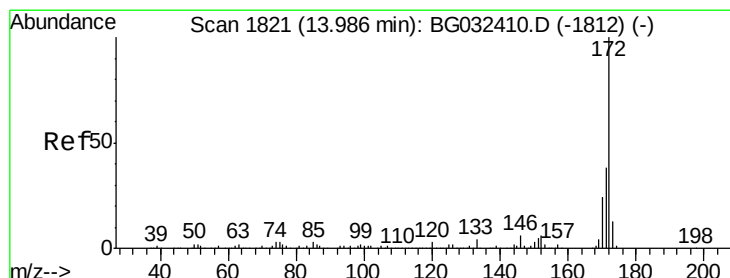
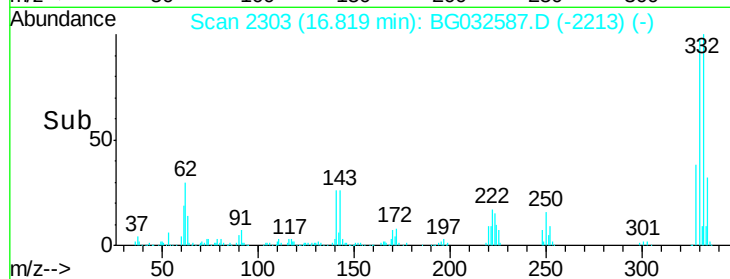
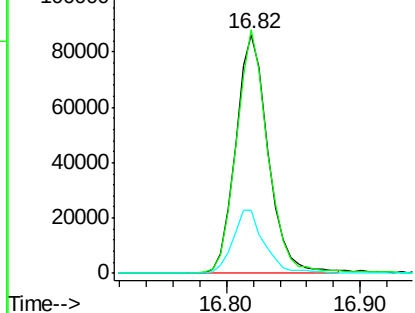


Abundance

Ion 329.80 (329.50 to 330.50): E

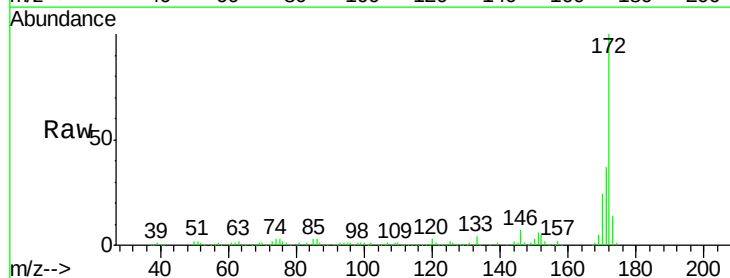
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.710 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.1	19.5	29.3

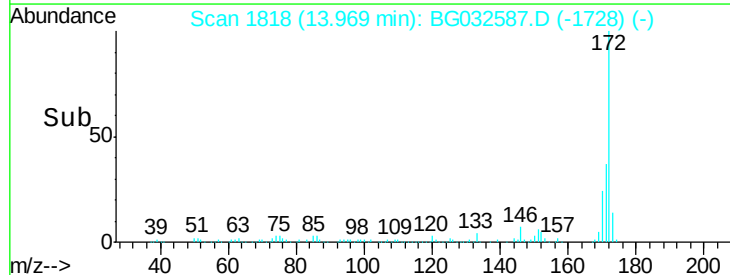
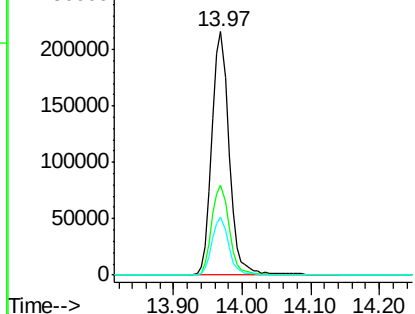


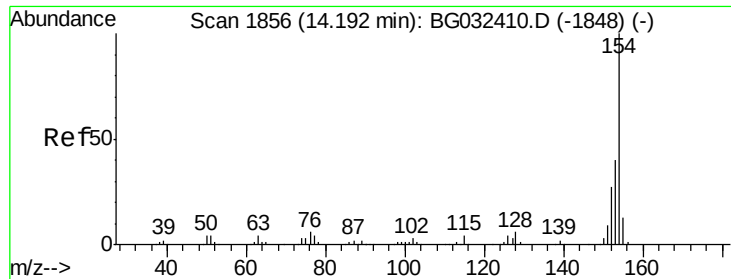
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.159 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

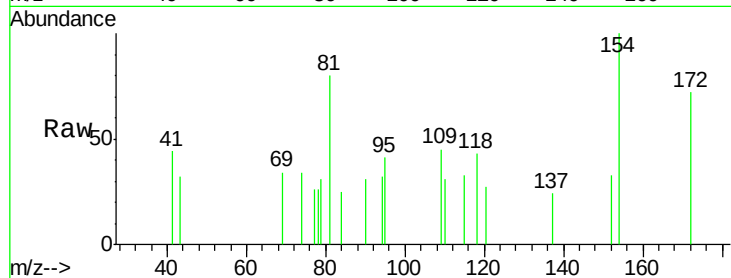
Tot Ion:154 Resp: 809

Ion Ratio Lower Upper

154 100

153 0.0 19.8 59.8#

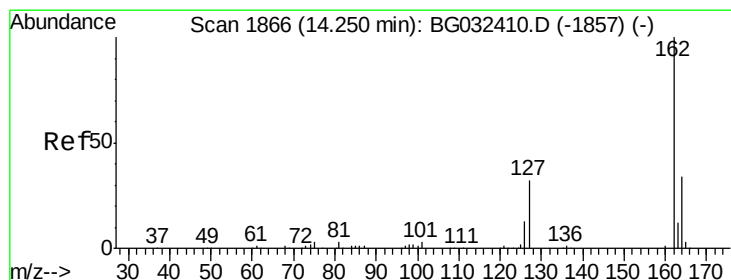
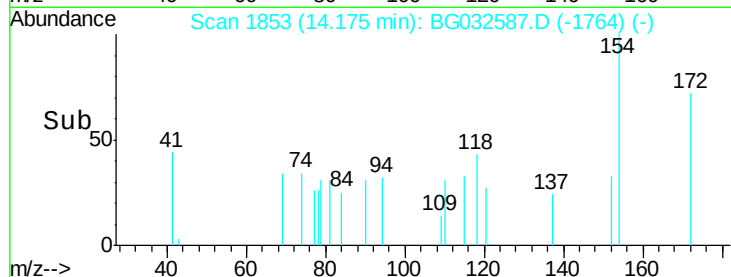
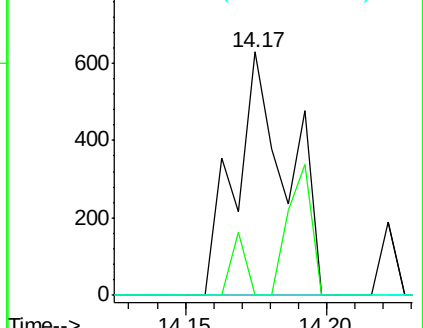
76 0.0 0.0 31.9



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): B



#46

2-Chloronaphthalene

Concen: 0.035 ng

RT: 14.52 min Scan# 1912

Delta R.T. 0.29 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

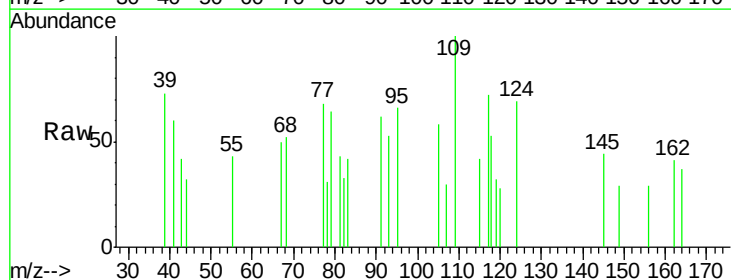
Tgt Ion:162 Resp: 138

Ion Ratio Lower Upper

162 100

127 0.0 30.7 46.1#

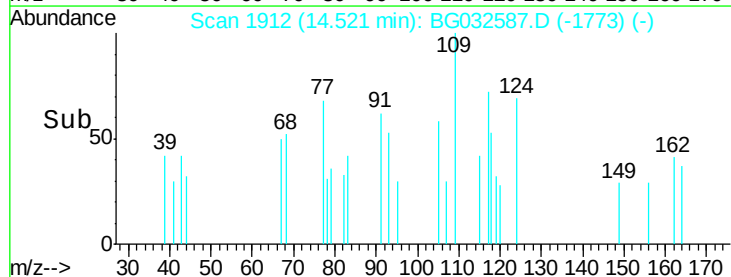
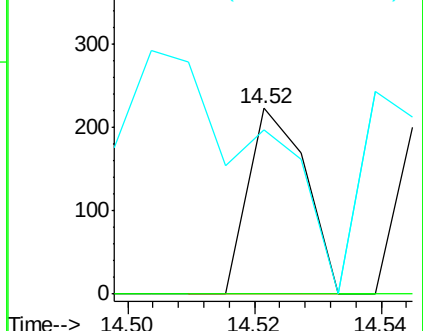
164 88.8 26.0 39.0#

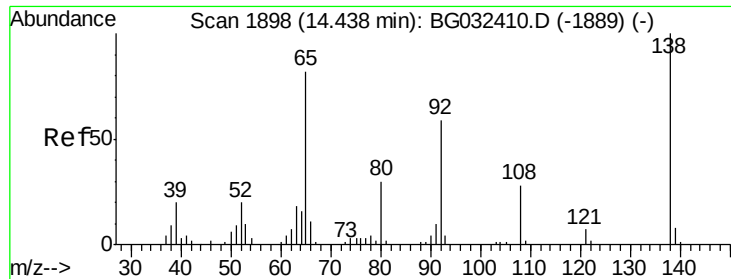


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

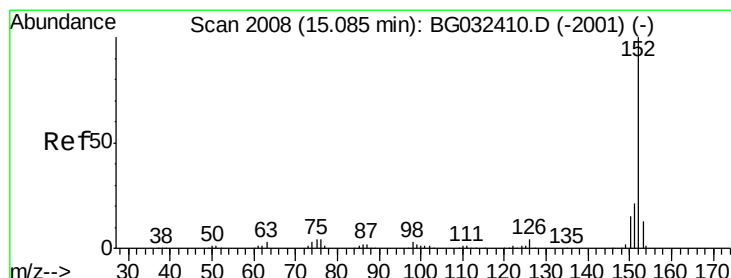
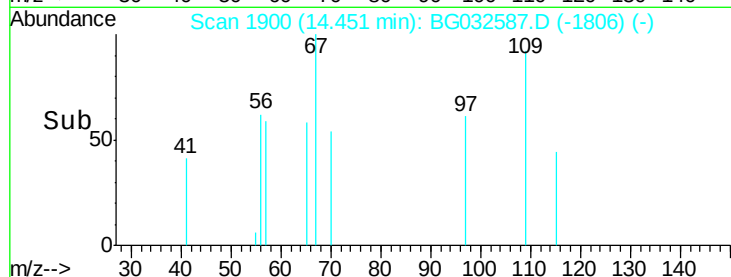
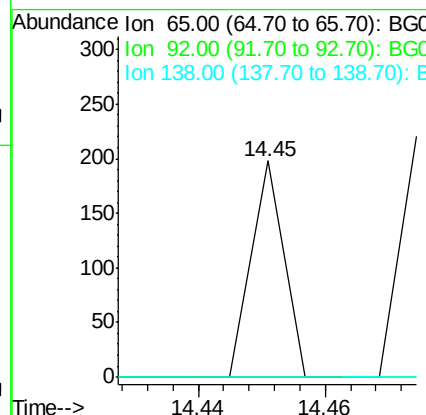
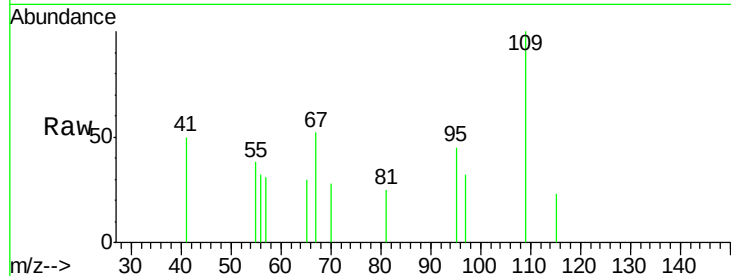




#47
2-Nitroaniline
Concen: 0.079 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.02 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

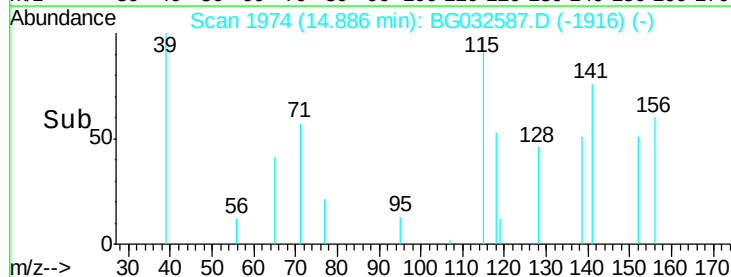
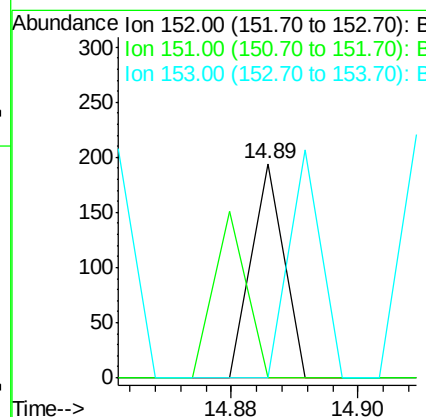
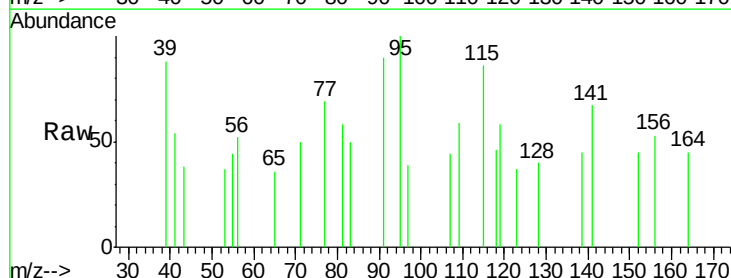
Instrument :
BNA_G
ClientSampleId :
LW-03-B

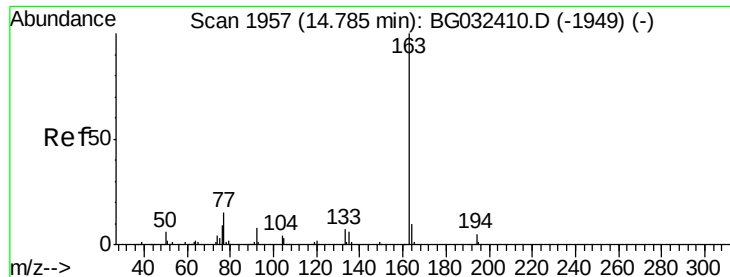
Tot Ion: 65 Resp: 70
Ion Ratio Lower Upper
65 100
92 0.0 54.6 82.0#
138 0.0 72.9 109.3#



#48
Acenaphthylene
Concen: 0.011 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.19 min
Lab File: BG032587.D
Acq: 7 Feb 2018 6:49

Tgt Ion: 152 Resp: 68
Ion Ratio Lower Upper
152 100
151 0.0 17.2 25.8#
153 0.0 10.2 15.4#





#49

Dimethylphthalate

Concen: 0.177 ng

RT: 14.77 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampleId :

LW-03-B

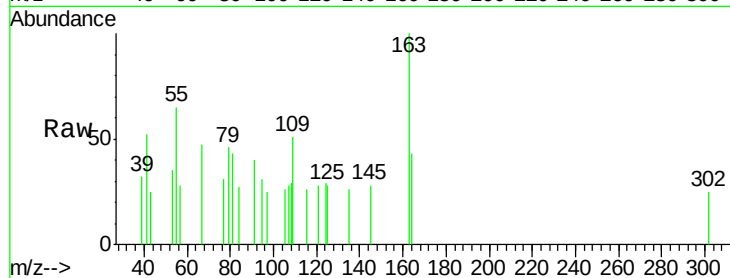
Tot Ion:163 Resp: 984

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

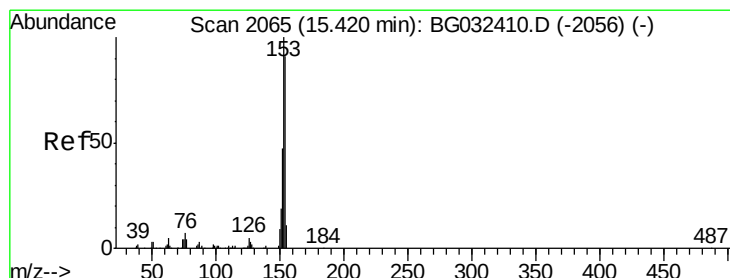
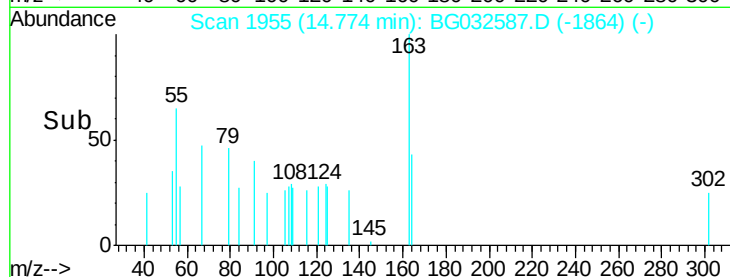
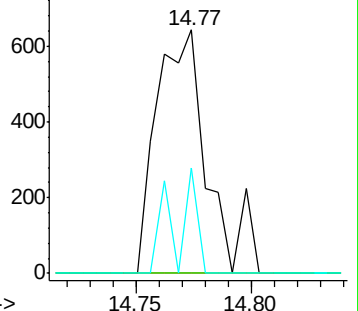
164 43.1 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 0.118 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

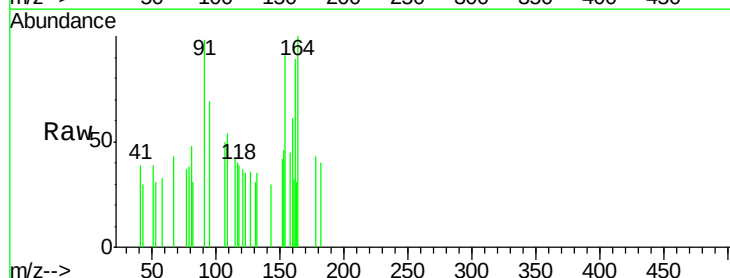
Tgt Ion:154 Resp: 494

Ion Ratio Lower Upper

154 100

153 50.9 90.4 135.6#

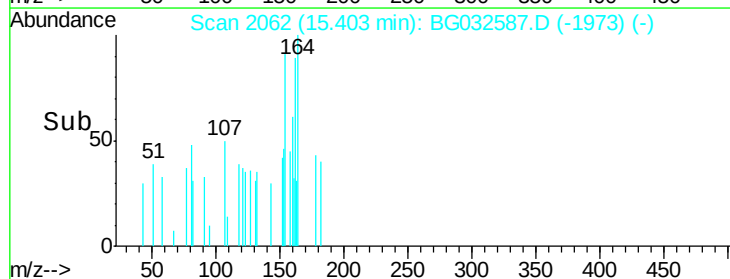
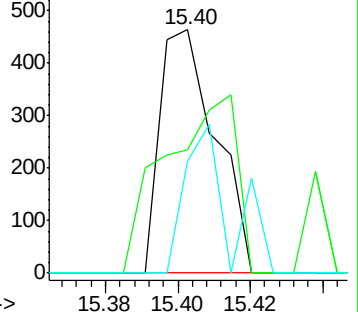
152 46.1 41.6 62.4

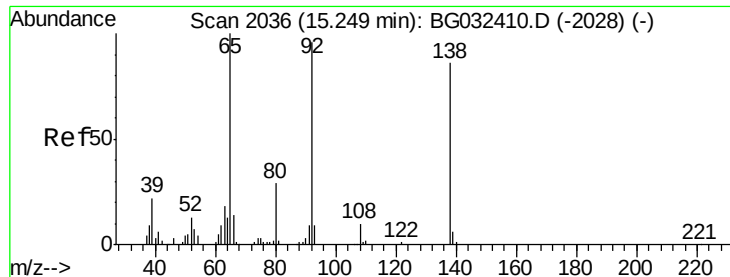


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.054 ng

RT: 15.26 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

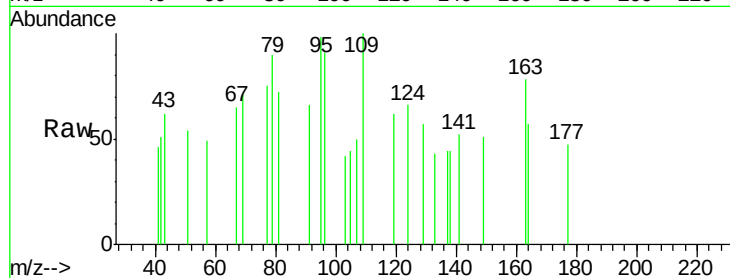
Tot Ion:138 Resp: 55

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

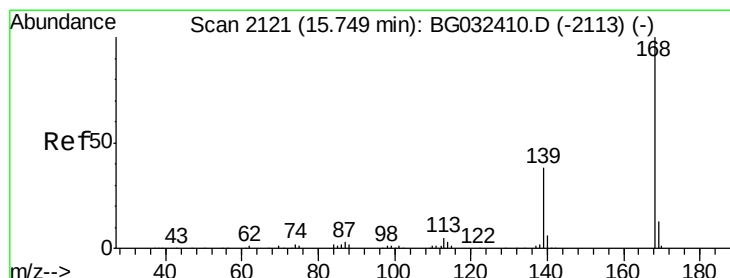
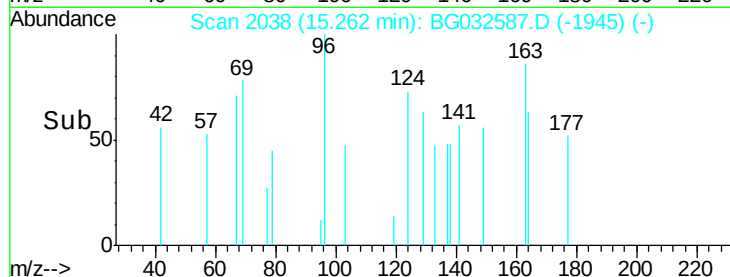
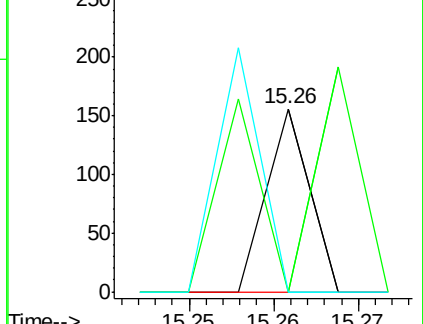
92 0.0 105.8 158.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

Dibenzofuran

Concen: 0.046 ng

RT: 15.74 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

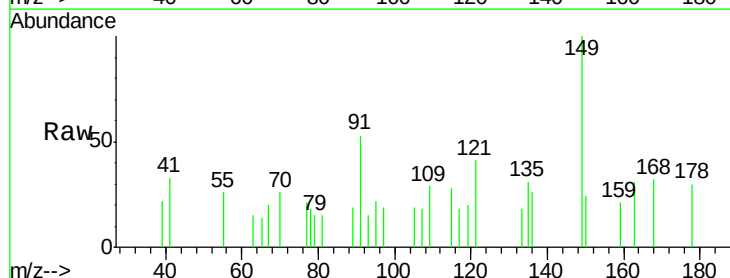
Tgt Ion:168 Resp: 283

Ion Ratio Lower Upper

168 100

139 0.0 28.6 43.0#

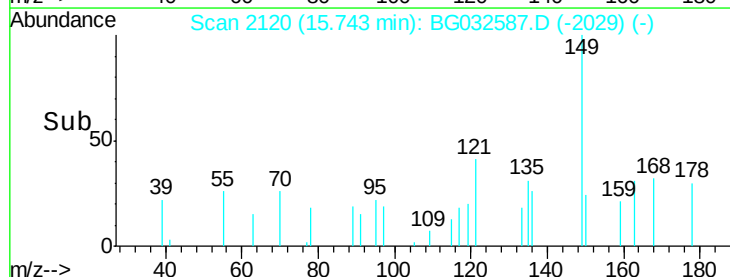
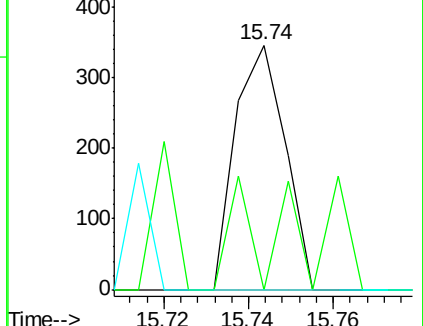
169 0.0 11.2 16.8#

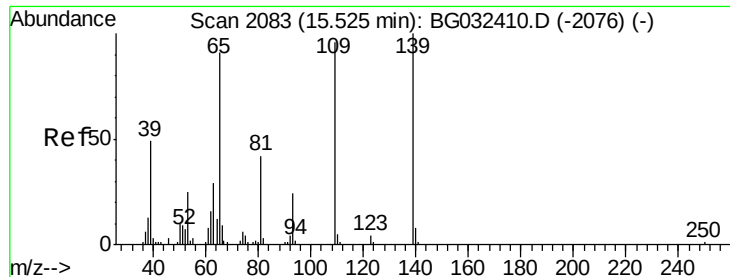


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 0.071 ng

RT: 15.56 min Scan# 2088

Delta R.T. 0.02 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

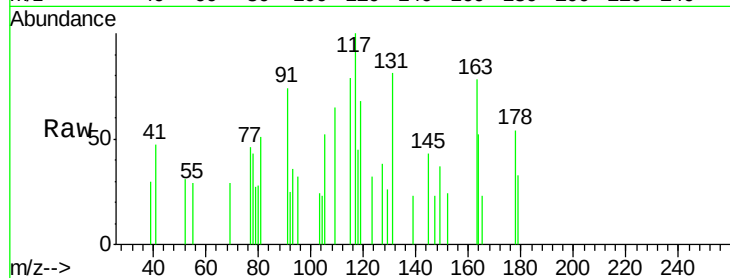
Tot Ion:139 Resp: 54

Ion Ratio Lower Upper

139 100

109 277.8 62.2 102.2#

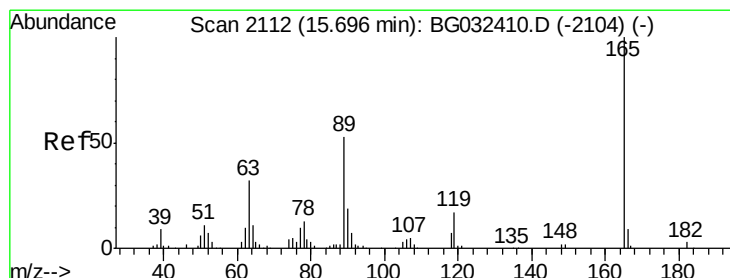
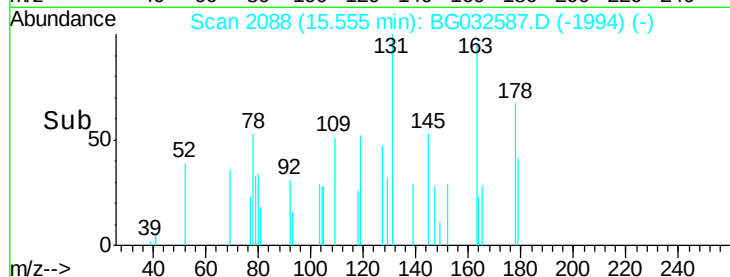
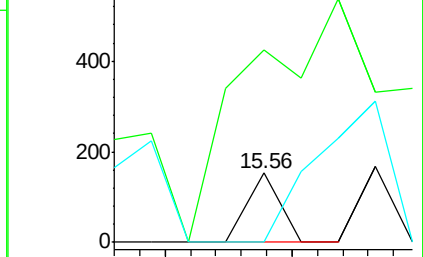
65 0.0 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 0.156 ng

RT: 15.48 min Scan# 2075

Delta R.T. -0.21 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Tgt Ion:165 Resp: 260

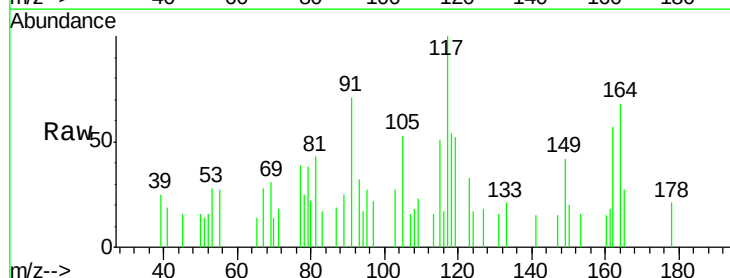
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 92.7 66.9 100.3

182 0.0 2.6 3.8#

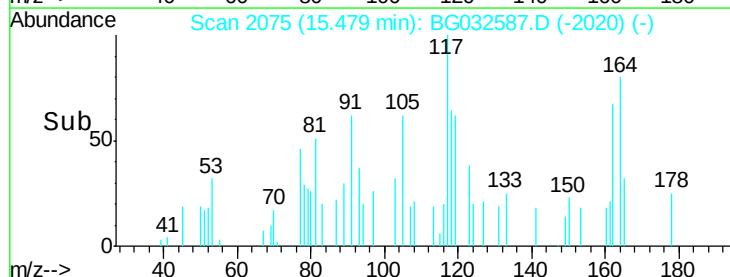
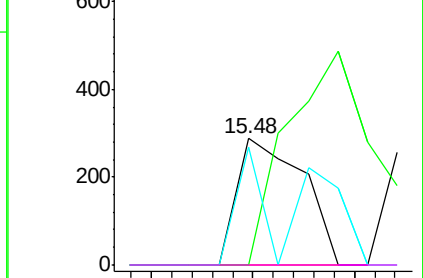


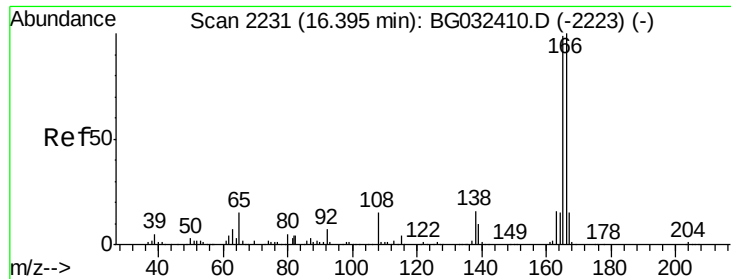
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 0.083 ng

RT: 16.38 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

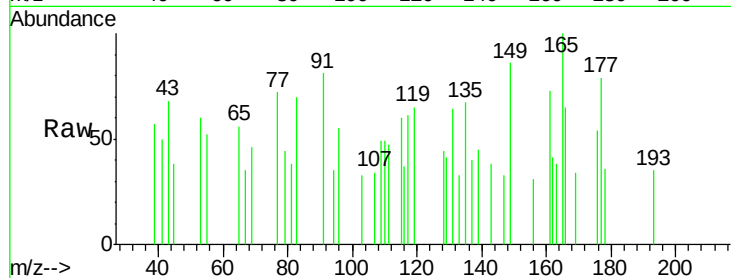
Tot Ion:166 Resp: 427

Ion Ratio Lower Upper

166 100

165 153.1 80.6 121.0#

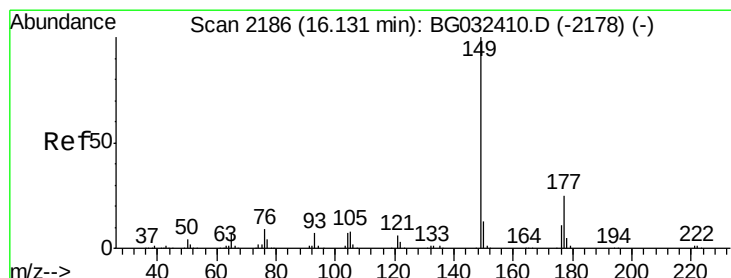
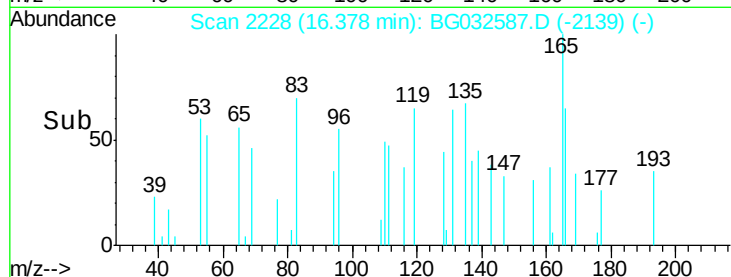
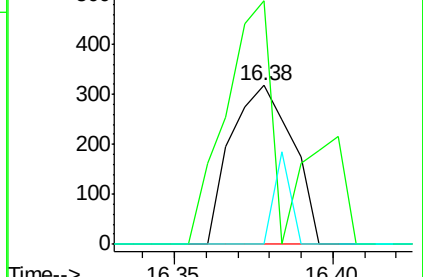
167 0.0 10.4 15.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 0.109 ng

RT: 16.10 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

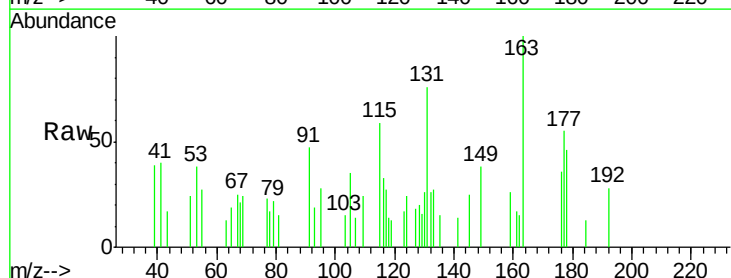
Tgt Ion:149 Resp: 590

Ion Ratio Lower Upper

149 100

177 146.6 18.5 27.7#

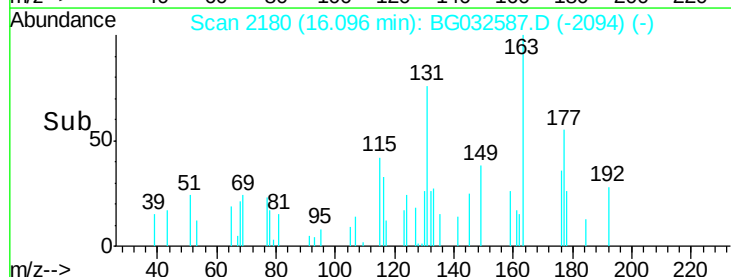
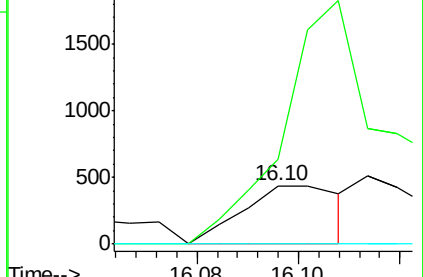
150 0.0 10.2 15.2#

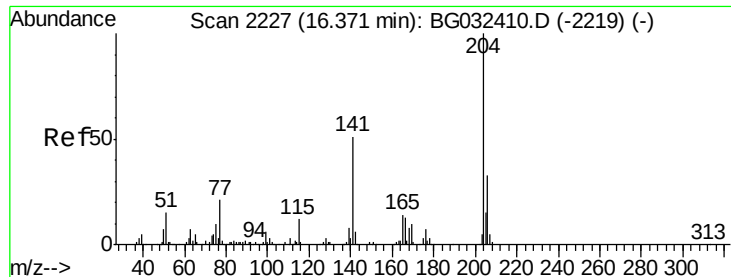


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 0.020 ng

RT: 16.29 min Scan# 2213

Delta R.T. -0.07 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

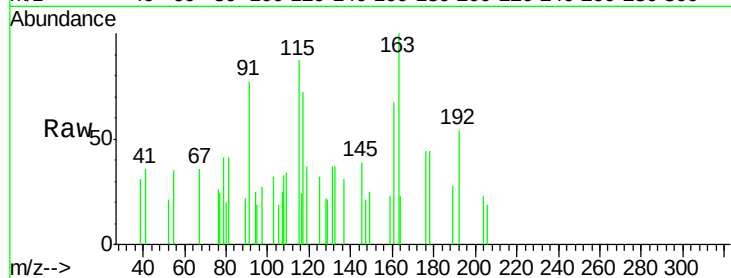
Tot Ion:204 Resp: 66

Ion Ratio Lower Upper

204 100

206 83.5 26.2 39.2#

141 0.0 45.8 68.6#



Abundance Ion 204.00 (203.70 to 204.70): E

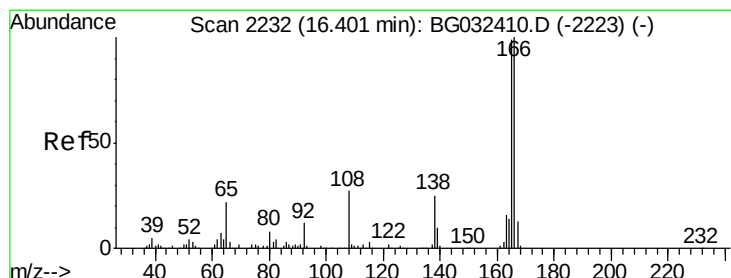
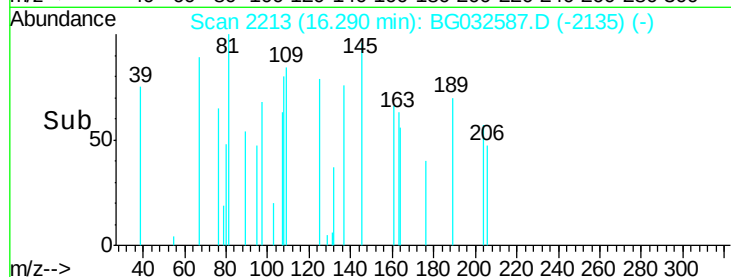
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

16.29

16.28 16.30

Time-->



#61

4-Nitroaniline

Concen: 0.052 ng

RT: 16.41 min Scan# 2234

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

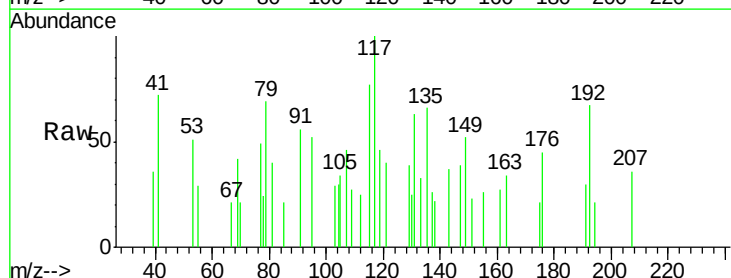
Tgt Ion:138 Resp: 57

Ion Ratio Lower Upper

138 100

92 0.0 40.1 80.1#

108 0.0 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

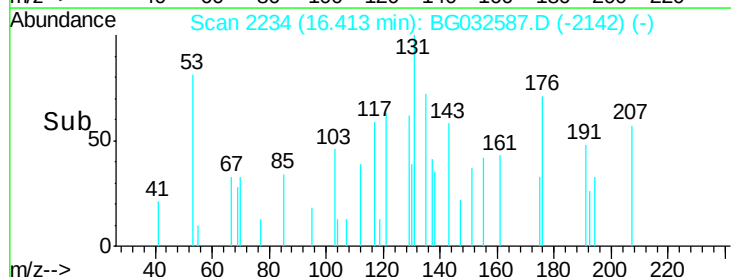
Ion 92.00 (91.70 to 92.70): BG

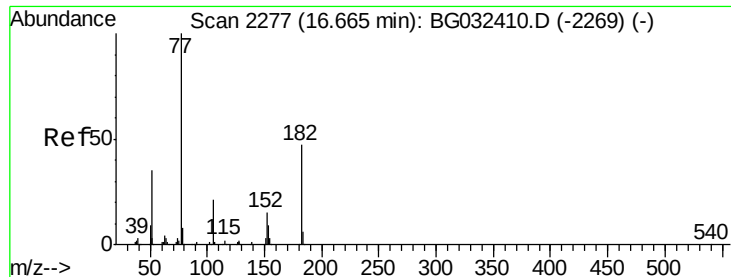
Ion 108.00 (107.70 to 108.70): E

16.41

16.40 16.42

Time-->





#62

Azobenzene

Concen: 0.244 ng

RT: 16.63 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampleId :

LW-03-B

Tot Ion: 77 Resp: 790

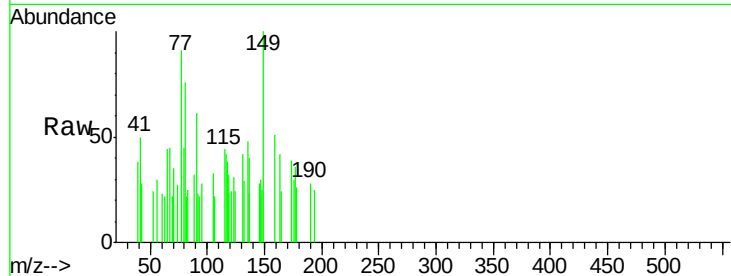
Ion Ratio Lower Upper

77 100

182 0.0 7.4 47.4#

105 36.6 0.3 40.3

51 0.0 11.6 51.6#

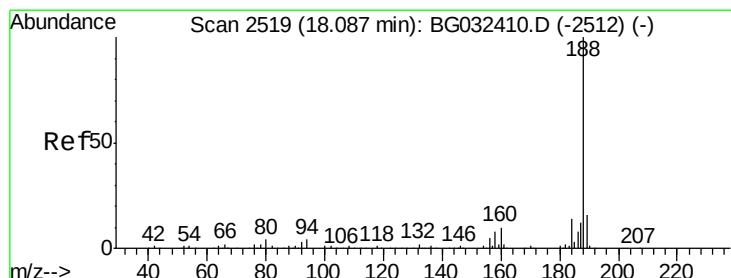
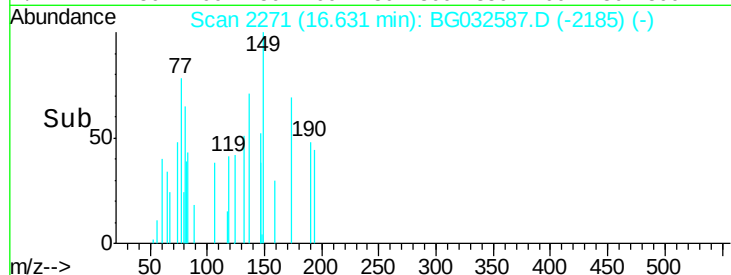
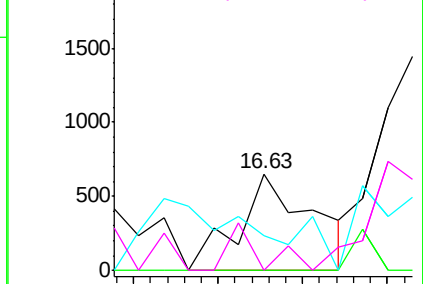


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 18.08 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

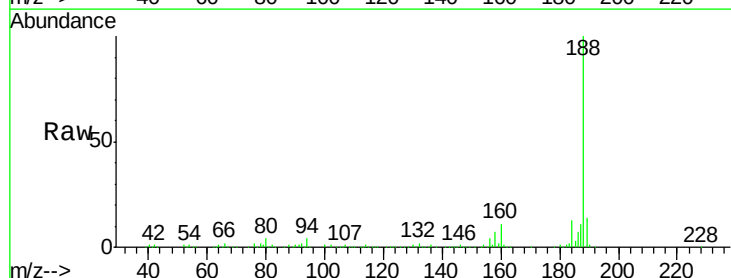
Tgt Ion: 188 Resp: 155682

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

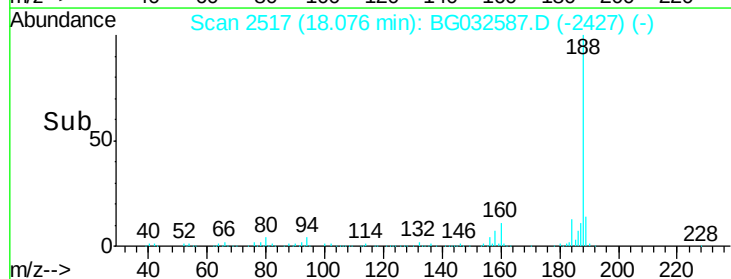
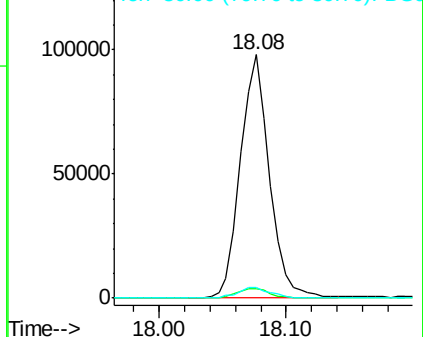
80 4.4 7.7 11.5#

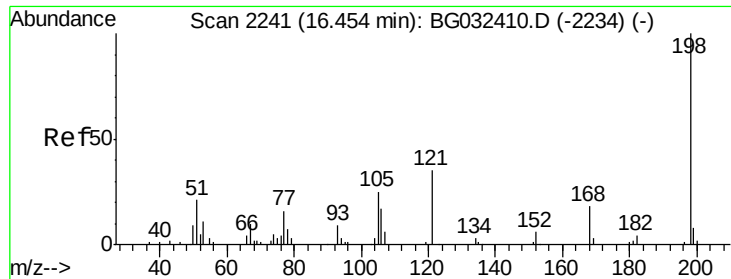


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 0.052 ng

RT: 16.50 min Scan# 2248

Delta R.T. 0.05 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampleId :

LW-03-B

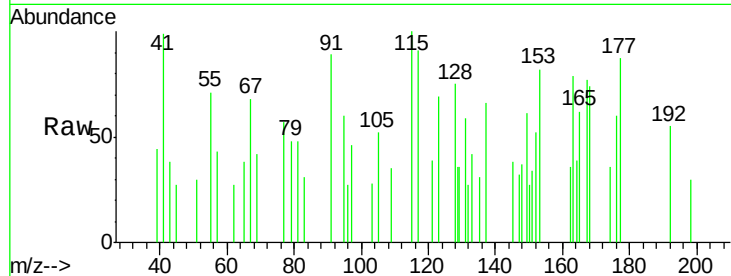
Tot Ion:198 Resp: 60

Ion Ratio Lower Upper

198 100

51 100.0 30.6 70.6#

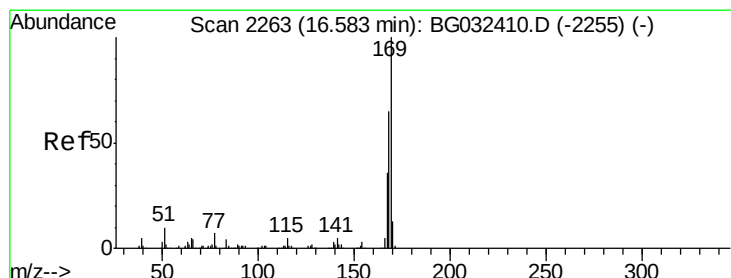
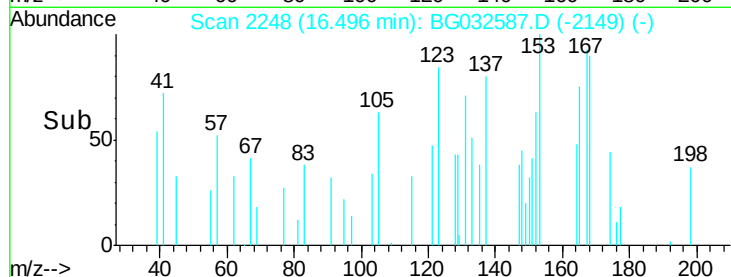
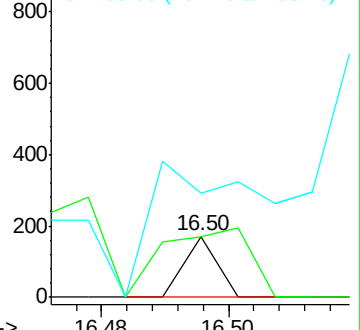
105 171.2 23.8 63.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG032410.D (-2234) (-)

Ion 105.00 (104.70 to 105.70): BG032410.D (-2234) (-)



#65

n-Nitrosodiphenylamine

Concen: 0.868 ng

RT: 16.82 min Scan# 2303

Delta R.T. 0.25 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

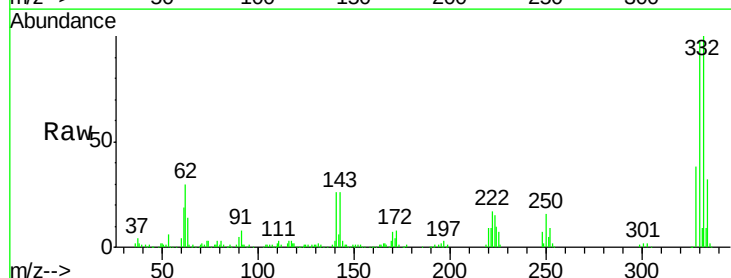
Tgt Ion:169 Resp: 4034

Ion Ratio Lower Upper

169 100

168 10.7 55.7 83.5#

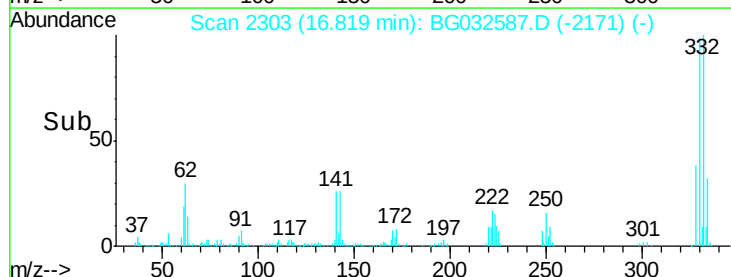
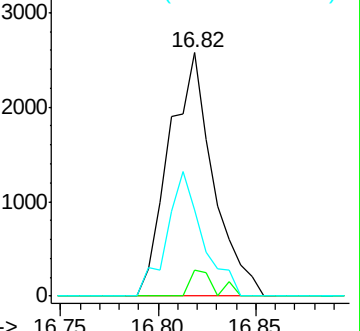
167 35.4 30.1 45.1

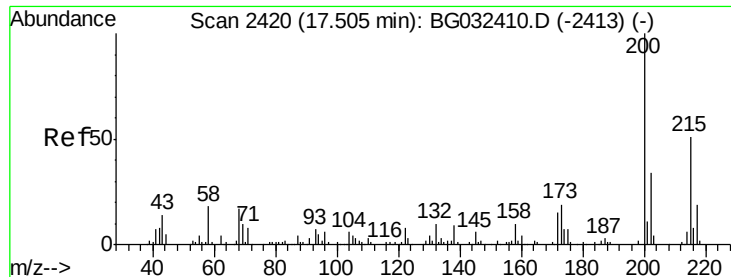


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG032410.D (-2255) (-)

Ion 167.00 (166.70 to 167.70): BG032410.D (-2255) (-)





#68

Atrazine

Concen: 0.028 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.08 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

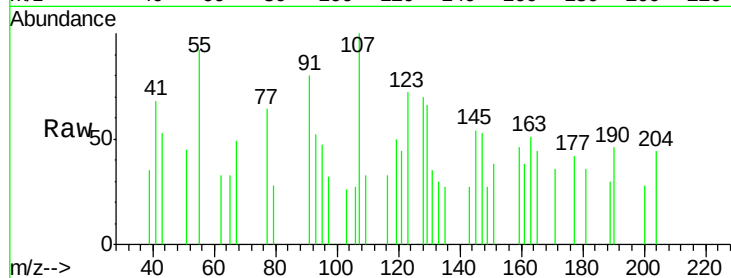
Tot Ion:200 Resp: 56

Ion Ratio Lower Upper

200 100

173 0.0 5.2 45.2#

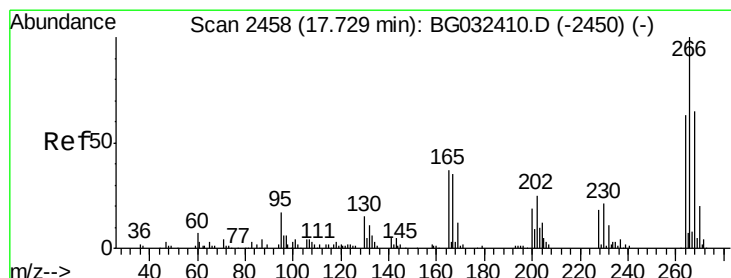
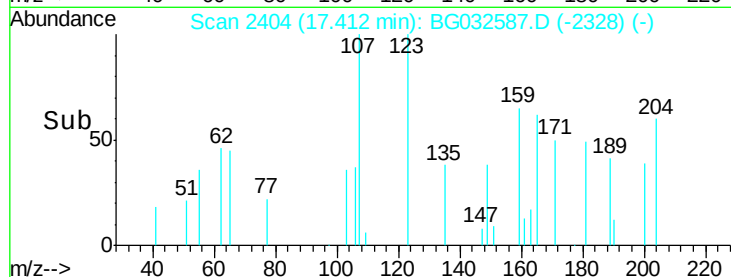
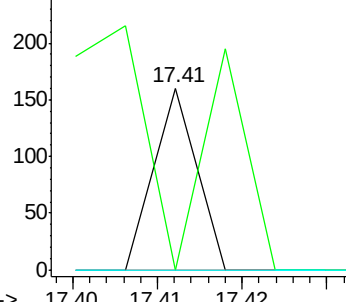
215 0.0 30.4 70.4#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.035 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.21 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

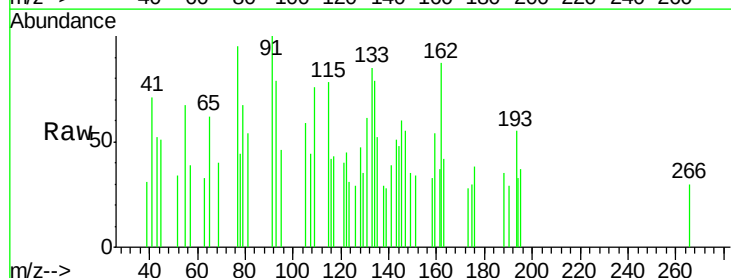
Tgt Ion:266 Resp: 56

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

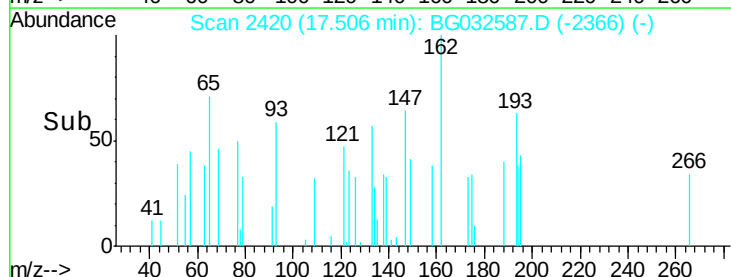
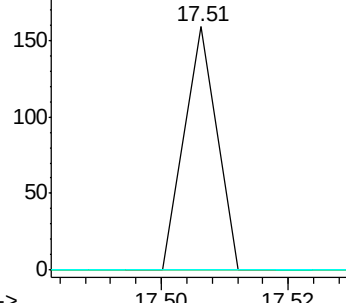
264 0.0 49.6 74.4#

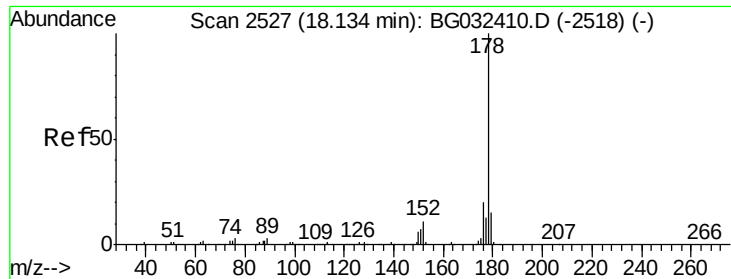


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.014 ng

RT: 18.12 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

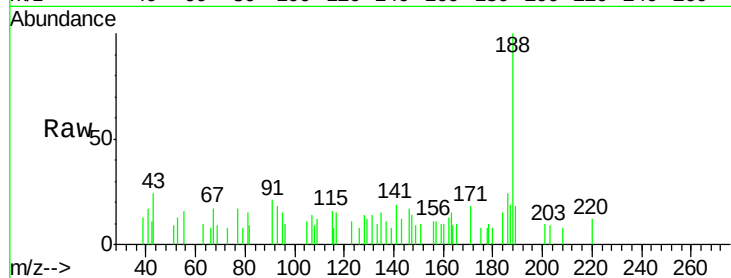
Tot Ion:178 Resp: 120

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

179 0.0 12.5 18.7#



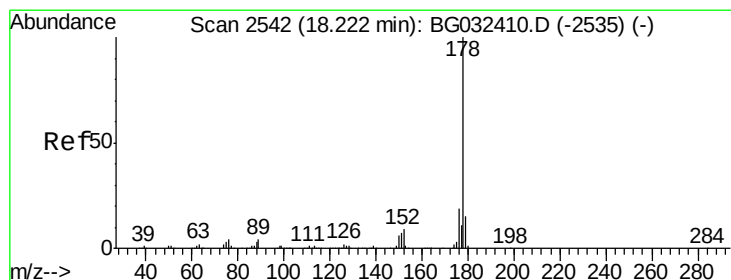
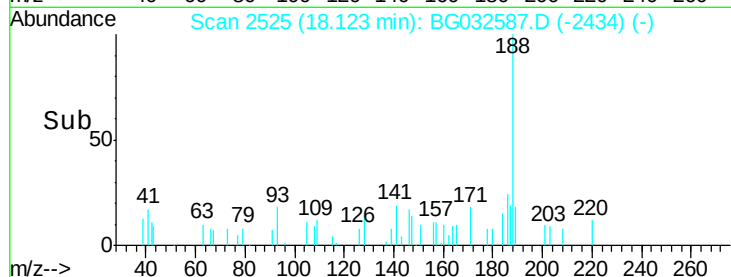
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

18.12

Time-->



#71

Anthracene

Concen: 0.006 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

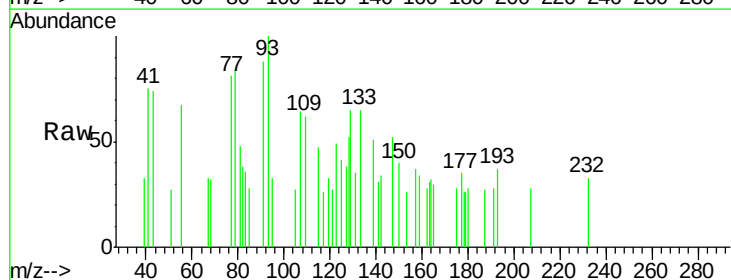
Tgt Ion:178 Resp: 55

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 99.4 12.5 18.7#



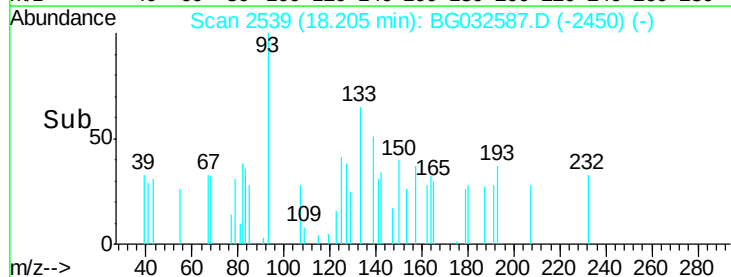
Abundance Ion 178.00 (177.70 to 178.70): E

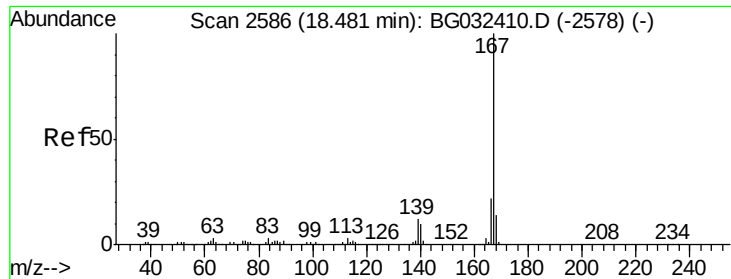
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

18.21

Time-->





#72

Carbazole

Concen: 0.055 ng

RT: 18.48 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampleId :

LW-03-B

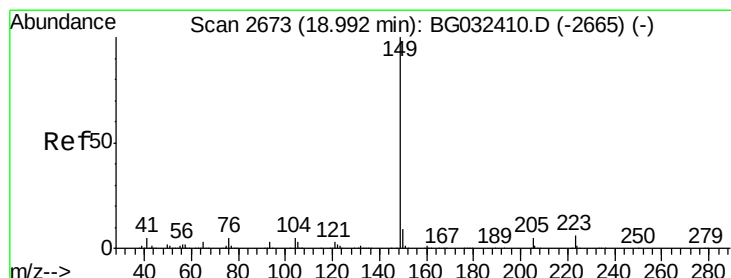
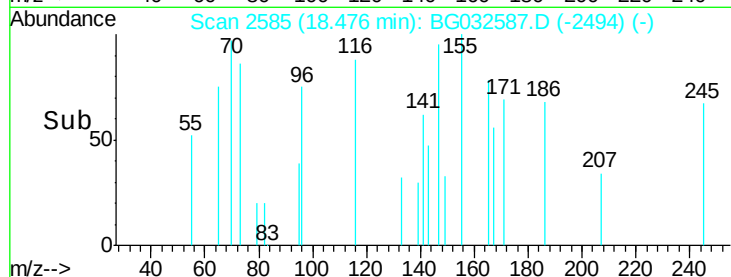
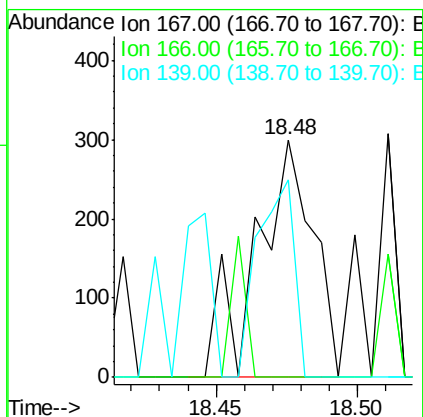
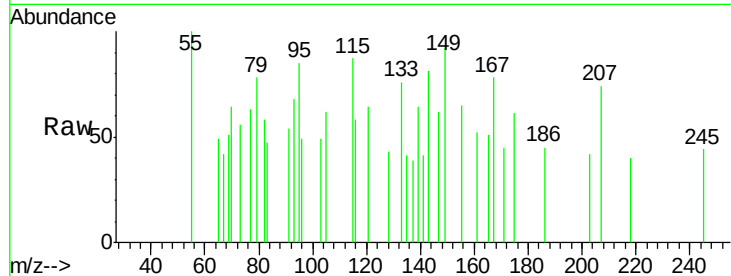
Tot Ion:167 Resp: 418

Ion Ratio Lower Upper

167 100

166 0.0 18.2 27.4#

139 83.0 9.4 14.2#



#73

Di-n-butylphthalate

Concen: 0.149 ng

RT: 18.98 min Scan# 2671

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

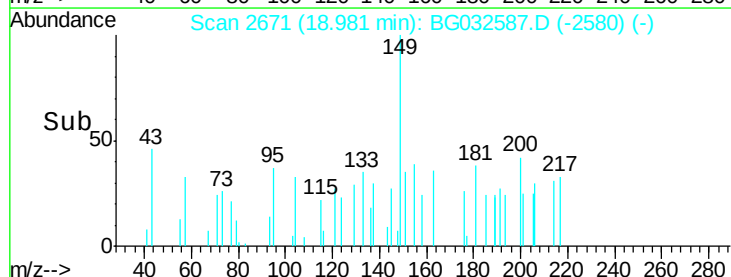
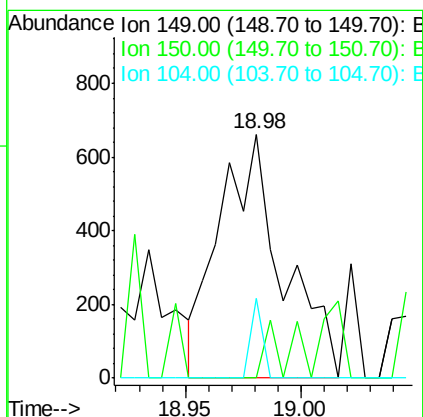
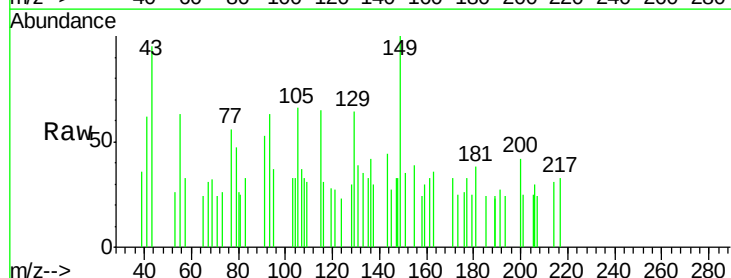
Tgt Ion:149 Resp: 1260

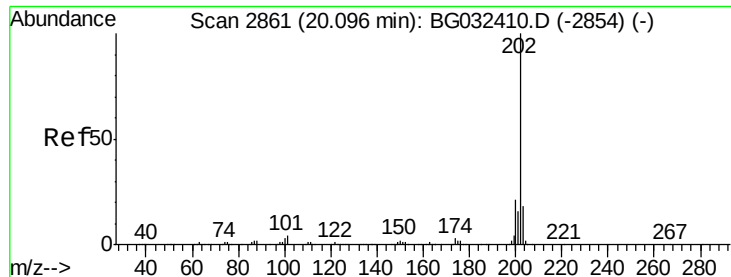
Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

104 33.0 3.9 5.9#





#74

Fluoranthene

Concen: 0.011 ng

RT: 20.10 min Scan# 2861

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

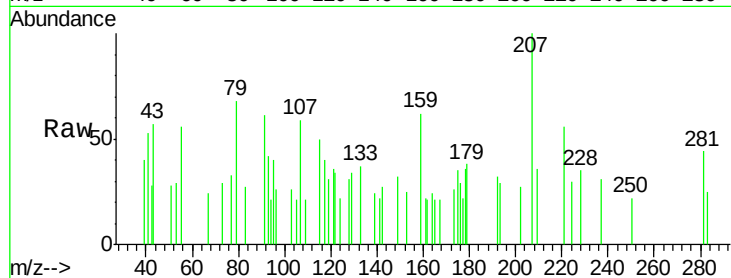
Tot Ion:202 Resp: 128

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

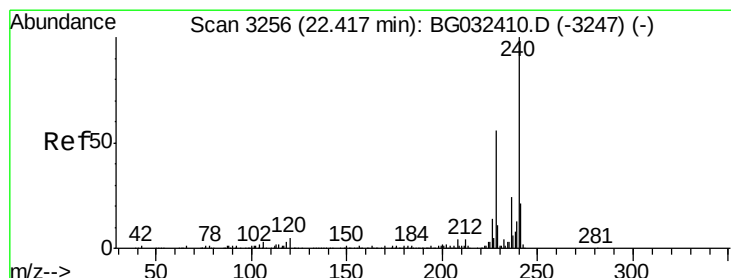
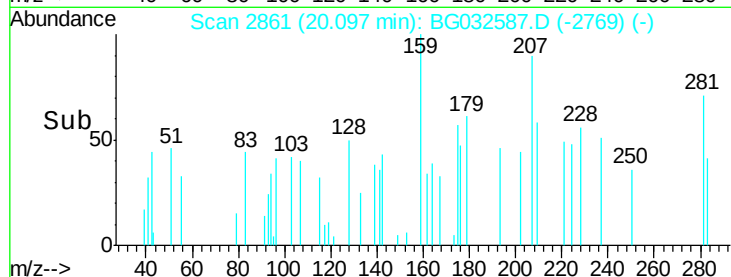
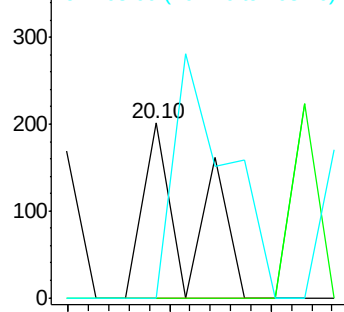
203 0.0 0.0 37.5



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: 22.40 min Scan# 3253

Delta R.T. -0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

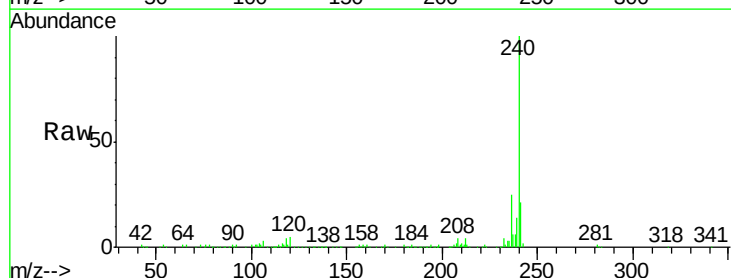
Tgt Ion:240 Resp: 196651

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

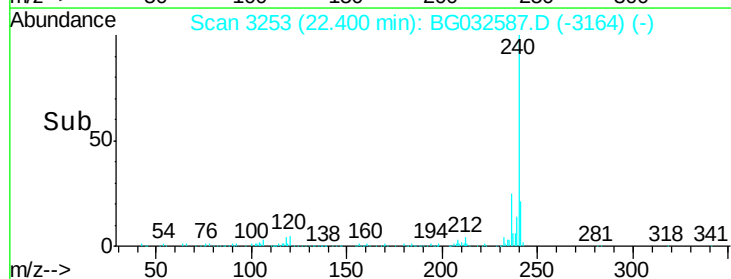
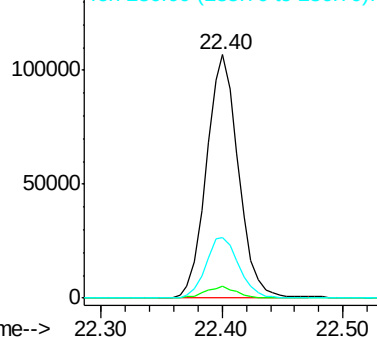
236 25.0 20.9 31.3

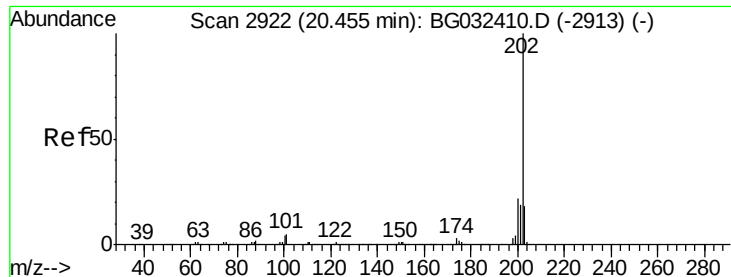


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 0.019 ng

RT: 20.50 min Scan# 2930

Delta R.T. 0.06 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

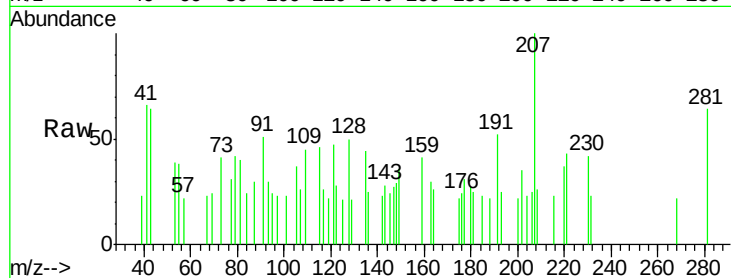
Tot Ion:202 Resp: 228

Ion Ratio Lower Upper

202 100

200 64.8 16.9 25.3#

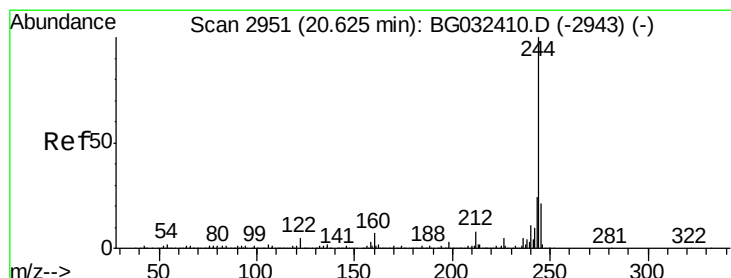
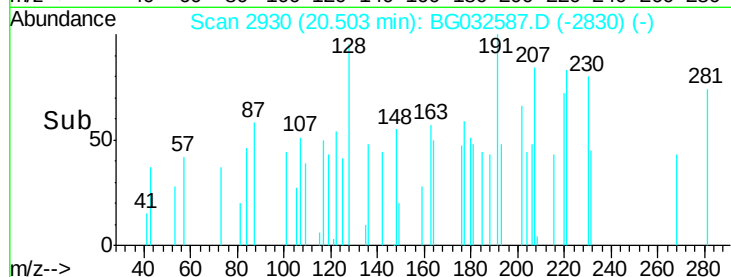
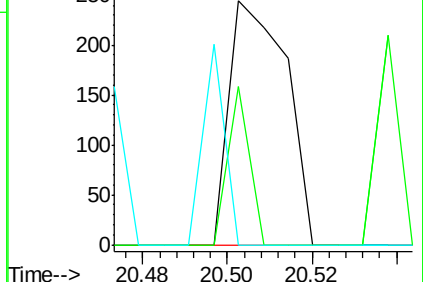
203 0.0 13.9 20.9#



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: 80.297 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

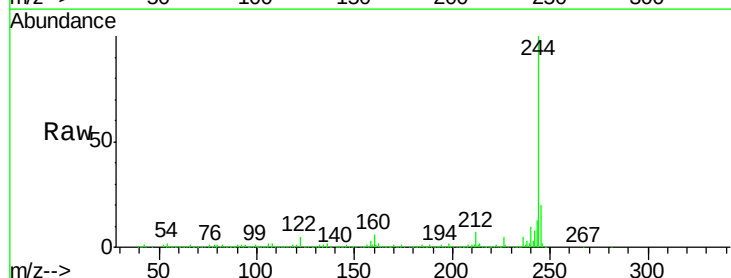
Tgt Ion:244 Resp: 737153

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

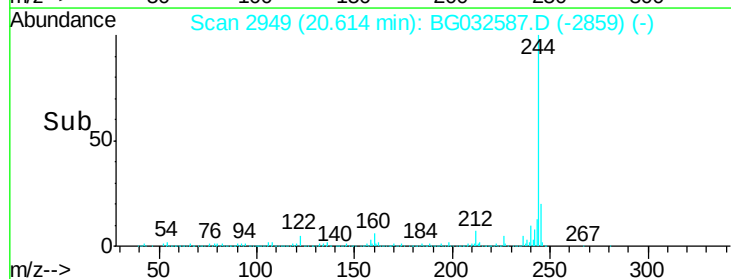
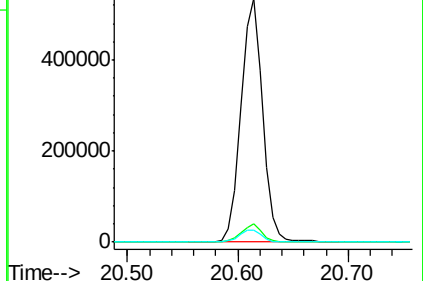
122 5.0 7.0 10.4#

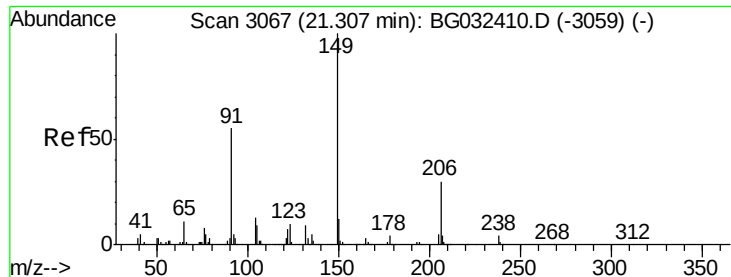


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 0.055 ng

RT: 21.29 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

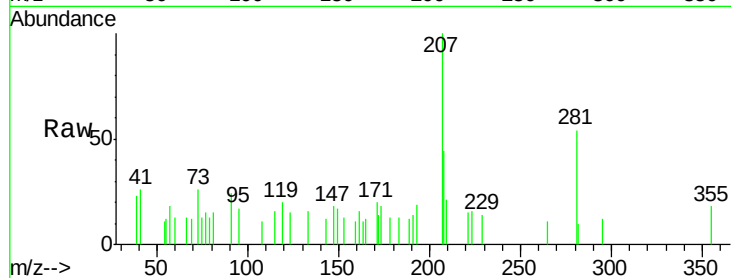
Tot Ion:149 Resp: 208

Ion Ratio Lower Upper

149 100

91 137.2 62.2 93.2#

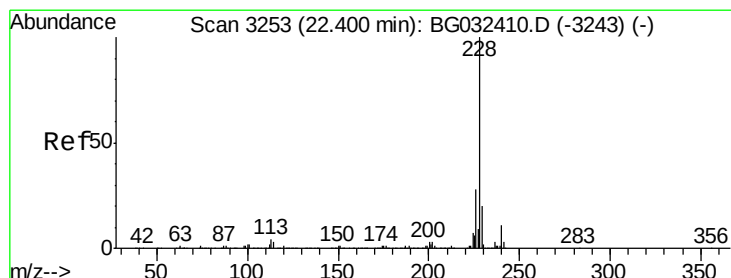
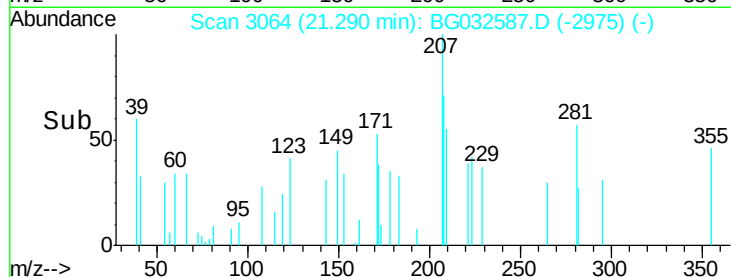
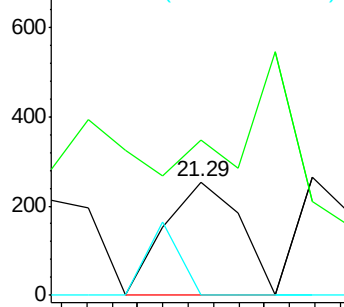
206 0.0 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 0.016 ng

RT: 22.39 min Scan# 3251

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

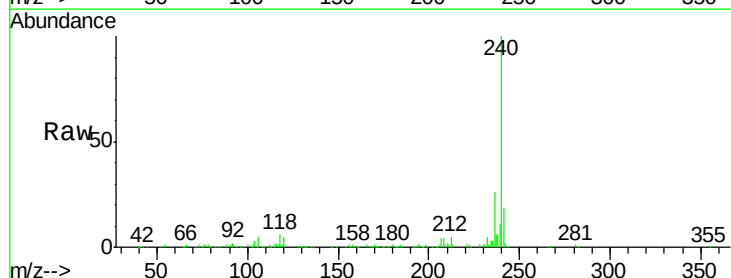
Tgt Ion:228 Resp: 189

Ion Ratio Lower Upper

228 100

226 0.0 22.7 34.1#

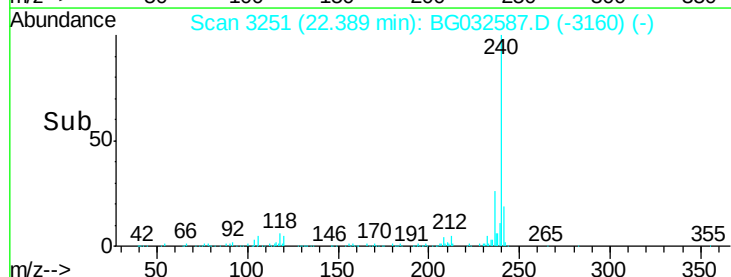
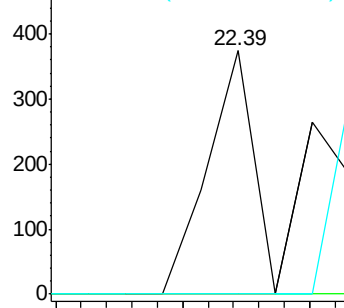
229 0.0 16.2 24.2#

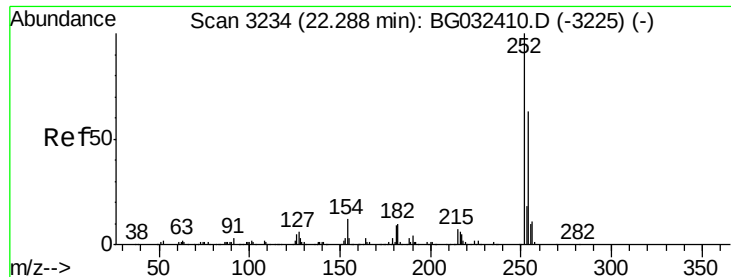


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

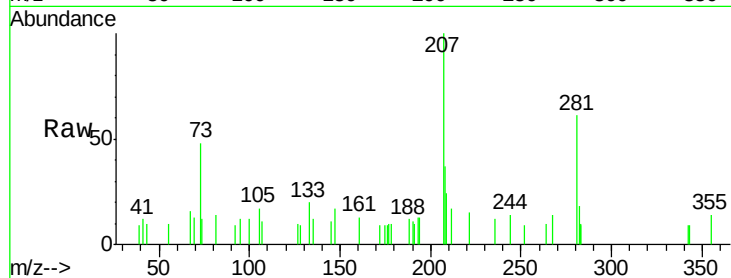




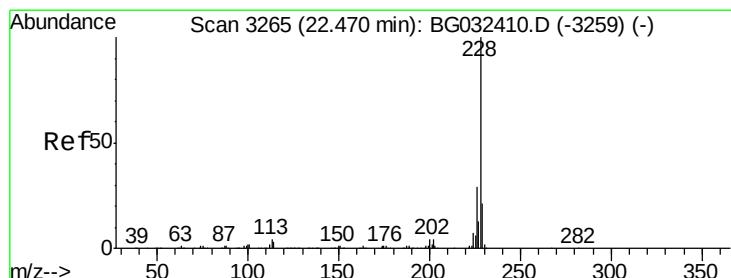
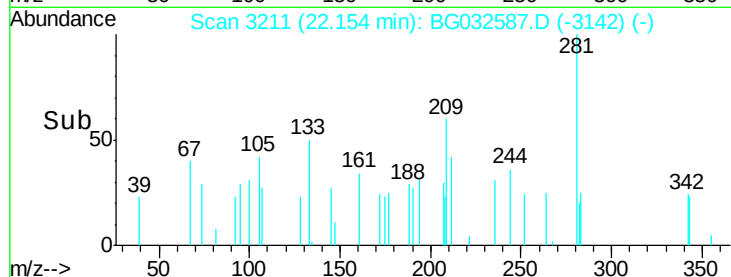
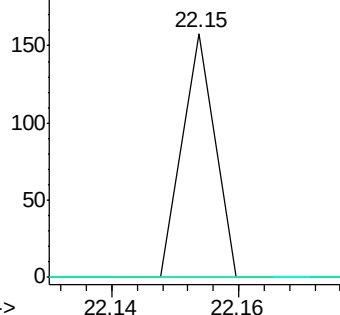
#81
 3,3'-Dichlorobenzidine
 Concen: 0.012 ng
 RT: 22.15 min Scan# 3211
 Delta R.T. -0.12 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Instrument :
 BNA_G
 ClientSampled :
 LW-03-B

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

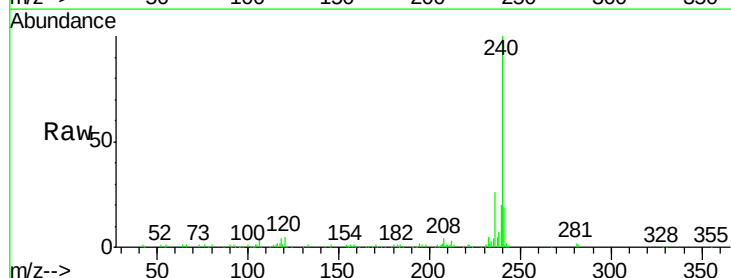


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

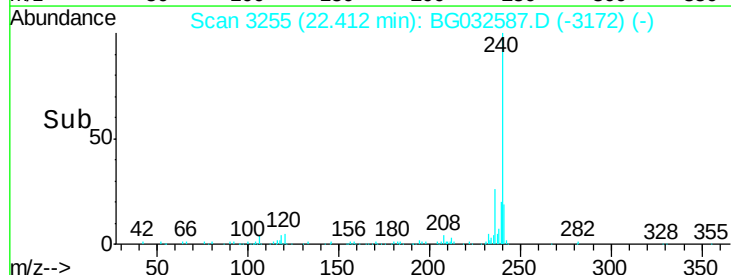
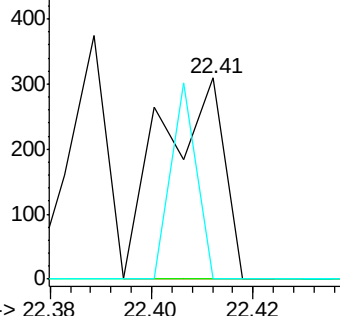


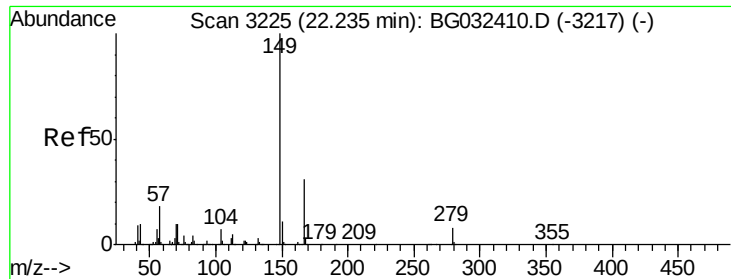
#82
 Chrysene
 Concen: 0.023 ng
 RT: 22.41 min Scan# 3255
 Delta R.T. -0.04 min
 Lab File: BG032587.D
 Acq: 7 Feb 2018 6:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.0	22.4#



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.075 ng

RT: 22.22 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampled :

LW-03-B

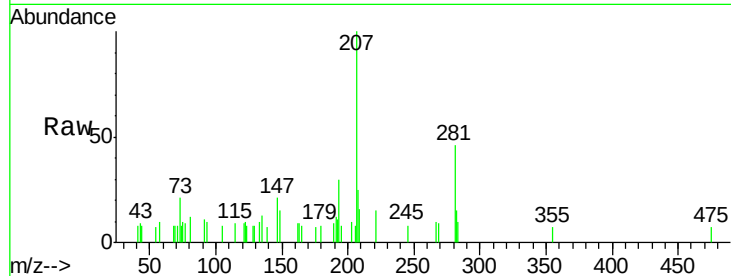
Tot Ion:149 Resp: 407

Ion Ratio Lower Upper

149 100

167 0.0 24.3 36.5#

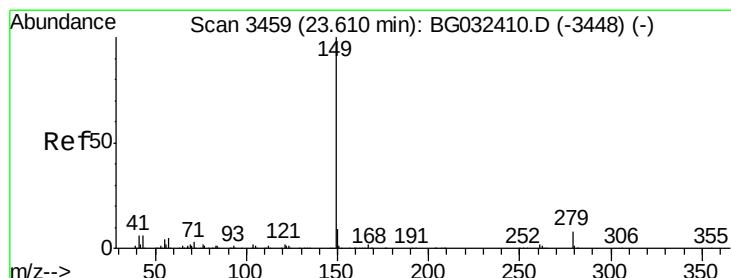
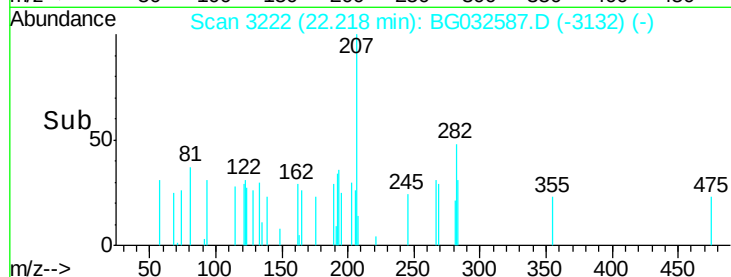
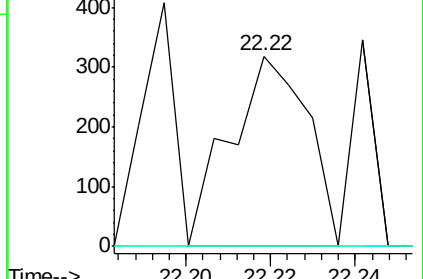
279 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.017 ng

RT: 23.59 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

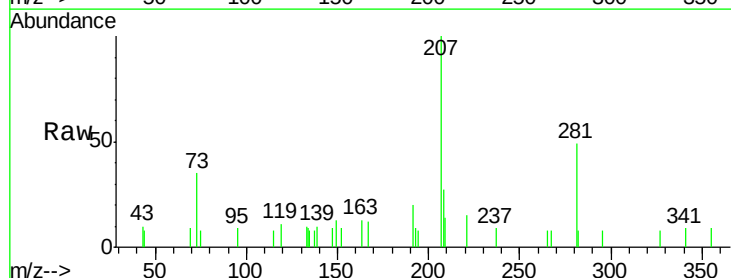
Tgt Ion:149 Resp: 144

Ion Ratio Lower Upper

149 100

167 56.3 1.4 2.0#

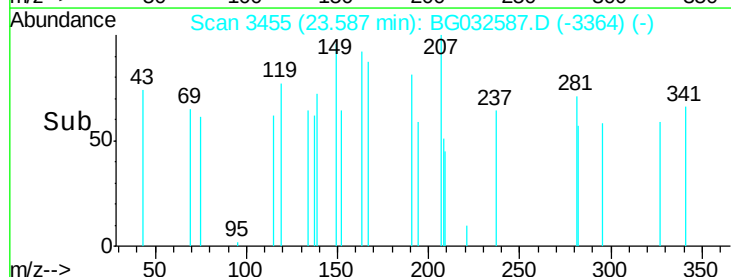
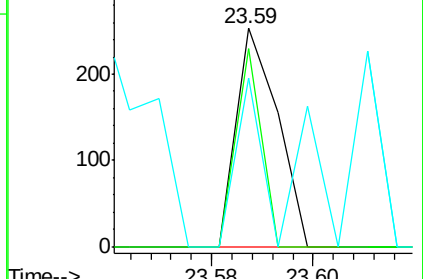
43 47.9 8.9 13.3#

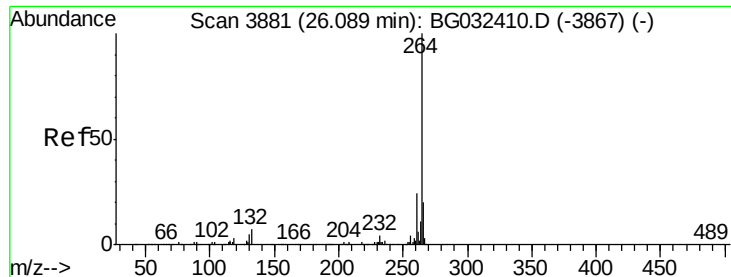


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Pervlene-d12

Concen: 20.000 ng

RT: 26.07 min Scan# 3878

Delta R.T. 0.01 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

Instrument :

BNA_G

ClientSampleId :

LW-03-B

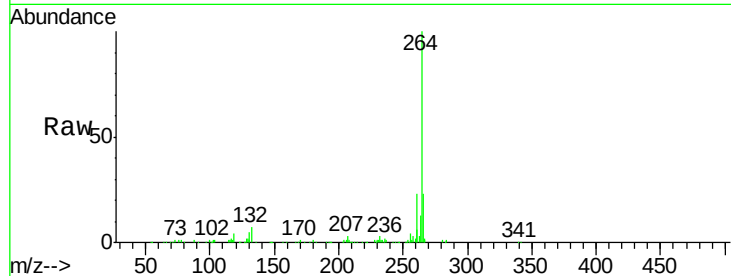
Tot Ion:264 Resp: 234589

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

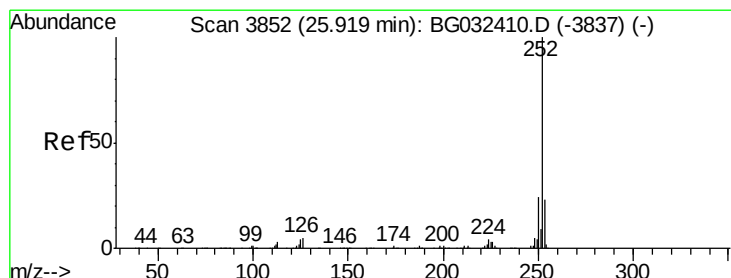
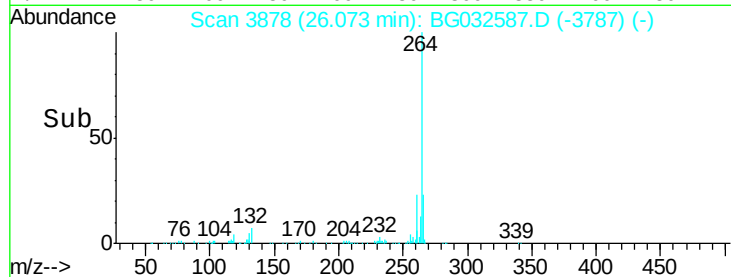
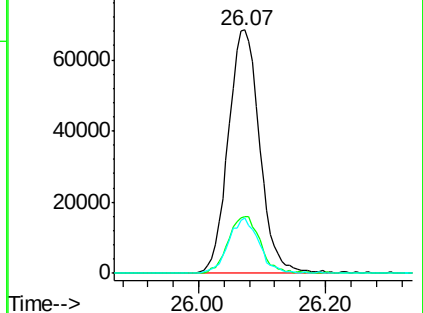
265 22.9 17.7 26.5



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: 0.019 ng

RT: 26.05 min Scan# 3875

Delta R.T. 0.15 min

Lab File: BG032587.D

Acq: 7 Feb 2018 6:49

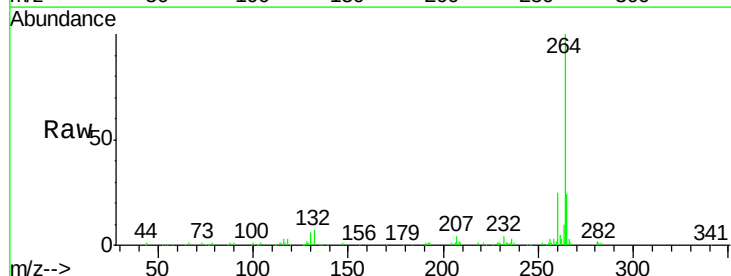
Tgt Ion:252 Resp: 250

Ion Ratio Lower Upper

252 100

253 0.0 18.3 27.5#

125 0.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

