

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032589.D
 Acq On : 7 Feb 2018 8:04
 Operator : SJ/JU
 Sample : J1455-09
 Misc : MDL-W-8 ppm
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LW-04-B

Quant Time: Feb 07 10:06:03 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	19306	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	77012	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	66577	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	165456	20.00	ng	0.00
75) Chrysene-d12	22.40	240	204444	20.00	ng	0.00
86) Perylene-d12	26.07	264	221102	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	61955	64.46	ng	0.00
7) Phenol-d6	7.83	99	43342	33.79	ng	0.00
23) Nitrobenzene-d5	9.91	82	126510	102.61	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	184078	145.25	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	478600	85.44	ng	0.00
78) Terphenyl-d14	20.61	244	878163	92.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	54	0.167	ng	# 11
4) n-Nitrosodimethylamine	3.80	42	57	0.125	ng	# 1
6) Aniline	8.20	93	68	0.043	ng	# 1
8) 2-Chlorophenol	8.17	128	60	0.053	ng	# 29
10) Phenol	7.86	94	302	0.248	ng	# 37
11) bis(2-Chloroethyl)ether	8.20	93	68	0.073	ng	# 55
12) 1,3-Dichlorobenzene	8.13	146	56	0.036	ng	# 26
15) Benzyl Alcohol	9.04	79	1758	1.663	ng	# 7
22) Acetophenone	9.52	105	804	0.445	ng	# 50
24) Nitrobenzene	9.92	77	350	0.294	ng	# 20
25) Isophorone	10.46	82	177	0.084	ng	# 69
26) 2-Nitrophenol	11.14	139	62	0.086	ng	# 29
31) Naphthalene	11.65	128	57	0.015	ng	# 68
35) Caprolactam	12.57	113	56	0.142	ng	# 48
36) 4-Chloro-3-methylphenol	12.83	107	164	0.126	ng	# 22
37) 2-Methylnaphthalene	13.42	142	640	0.203	ng	# 75
45) 1,1'-Biphenyl	14.18	154	769	0.137	ng	# 87
46) 2-Chloronaphthalene	14.38	162	150	0.034	ng	# 39
47) 2-Nitroaniline	14.45	65	66	0.068	ng	# 9
48) Acenaphthylene	14.95	152	60	0.009	ng	# 1
49) Dimethylphthalate	14.77	163	2760	0.450	ng	# 80
51) Acenaphthene	15.40	154	585	0.127	ng	# 76
52) 3-Nitroaniline	15.21	138	60	0.053	ng	# 1
54) Dibenzofuran	15.74	168	618	0.090	ng	# 57
55) 4-Nitrophenol	15.69	139	72	0.085	ng	# 94
56) 2,4-Dinitrotoluene	15.49	165	341	0.186	ng	# 59
57) Fluorene	16.38	166	407	0.072	ng	# 91
59) Diethylphthalate	16.10	149	2503	0.419	ng	# 1
60) 4-Chlorophenyl-phenylether	16.38	204	124	0.035	ng	# 20
61) 4-Nitroaniline	16.40	138	111	0.092	ng	# 56
62) Azobenzene	16.63	77	375	0.105	ng	# 46
64) 4,6-Dinitro-2-methylphenol	16.81	198	316	0.256	ng	# 1
65) n-Nitrosodiphenylamine	16.82	169	5518	1.118	ng	# 41
68) Atrazine	17.39	200	61	0.029	ng	# 1

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

69) Pentachlorophenol	17.37	266	61	0.036	nq	# 19
70) Phenanthrene	18.11	178	154	0.017	nq	# 13
71) Anthracene	18.20	178	275	0.030	nq	# 59
72) Carbazole	18.48	167	886	0.109	nq	# 75
73) Di-n-butylphthalate	18.97	149	1994	0.222	nq	# 77
74) Fluoranthene	20.09	202	206	0.017	nq	# 65
77) Pyrene	20.44	202	127	0.010	nq	# 57
79) Butylbenzylphthalate	21.29	149	258	0.065	nq	# 73
80) Benzo(a)anthracene	22.39	228	824	0.065	nq	# 34
81) 3,3'-Dichlorobenzidine	22.25	252	58	0.012	nq	# 26
82) Chrysene	22.39	228	824	0.067	nq	# 32
83) Bis(2-ethylhexyl)phthalate	22.22	149	1770	0.316	nq	# 92
84) Di-n-octyl phthalate	23.57	149	66	0.007	nq	# 1
87) Benzo(b)fluoranthene	24.90	252	57	0.004	nq	# 59
88) Benzo(k)fluoranthene	24.98	252	68	0.005	nq	# 60
89) Benzo(a)pyrene	25.95	252	56	0.004	nq	# 59

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

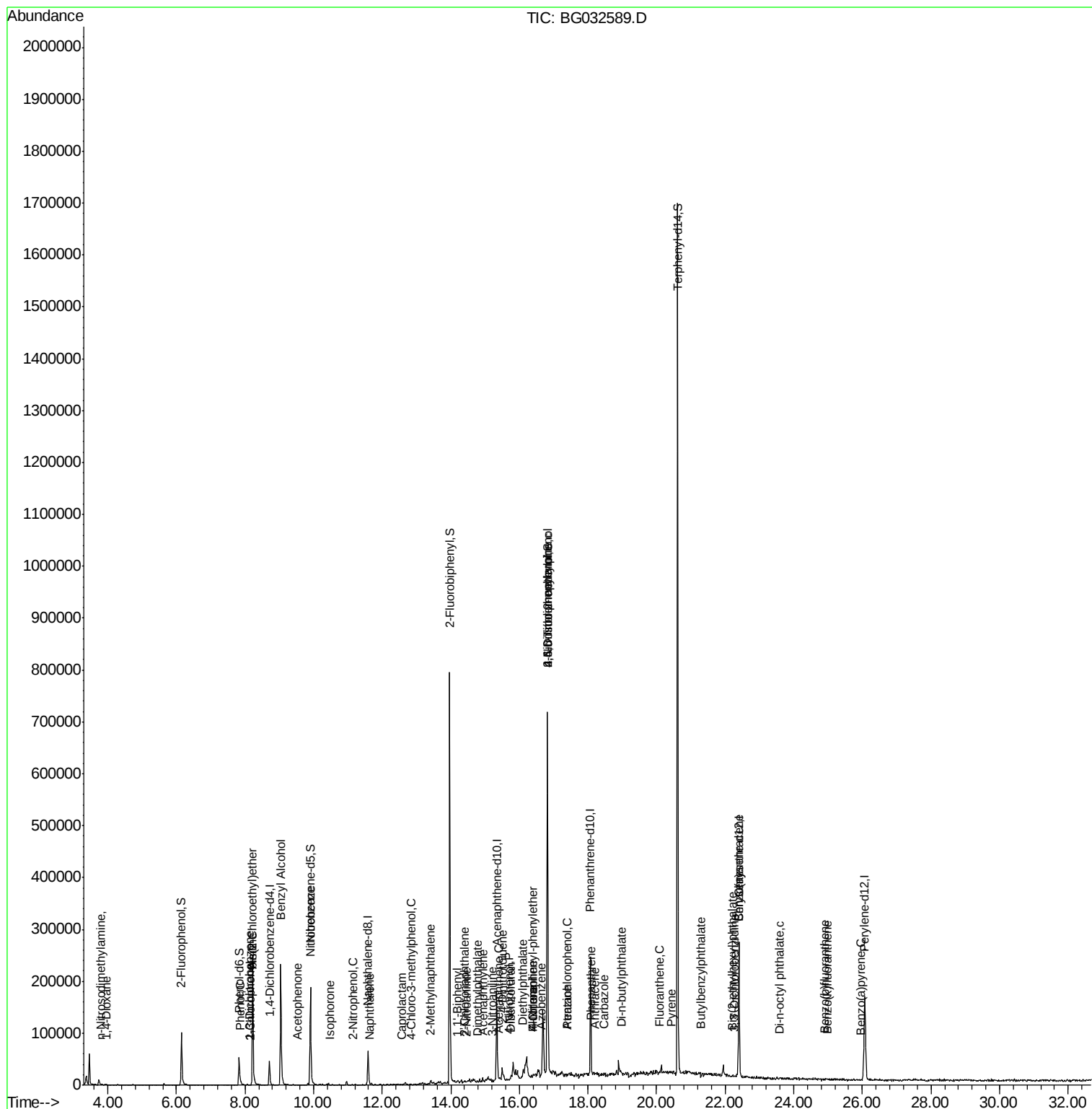
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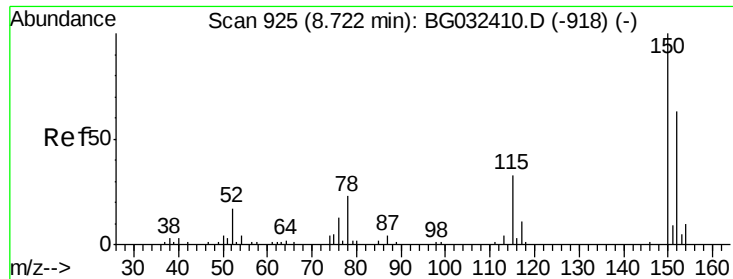
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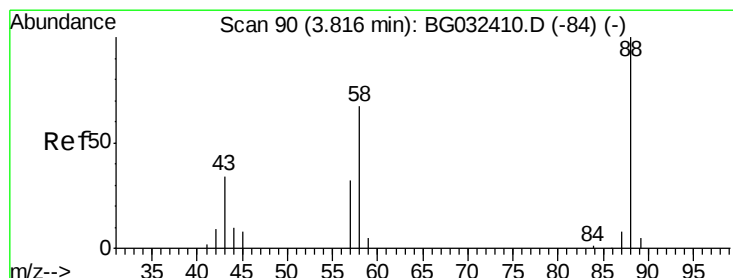
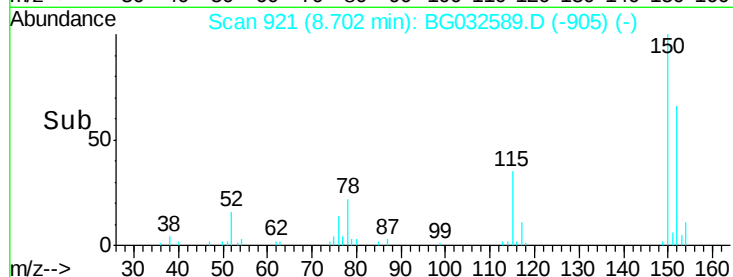
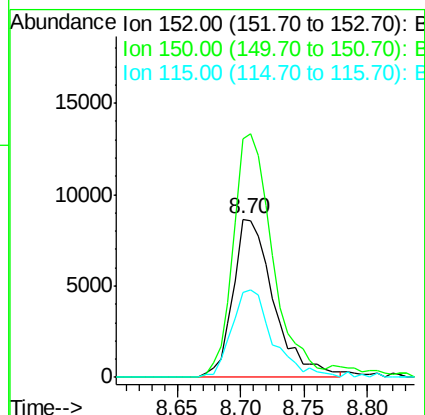
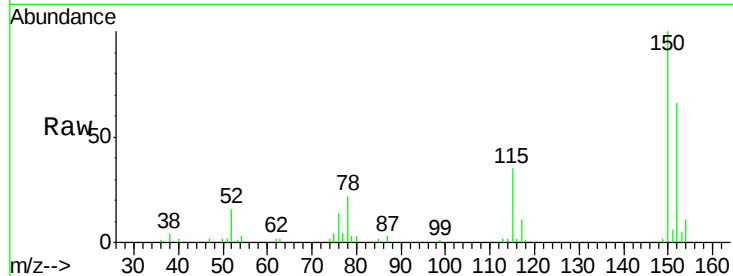


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.70 min Scan# 921
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

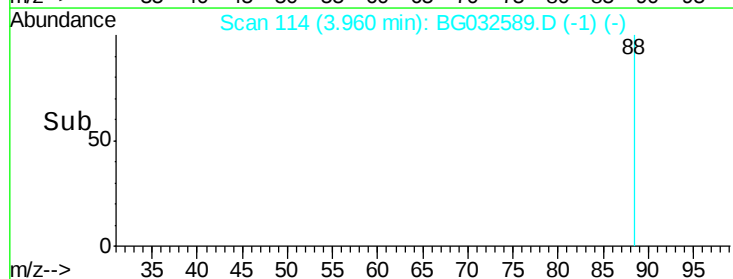
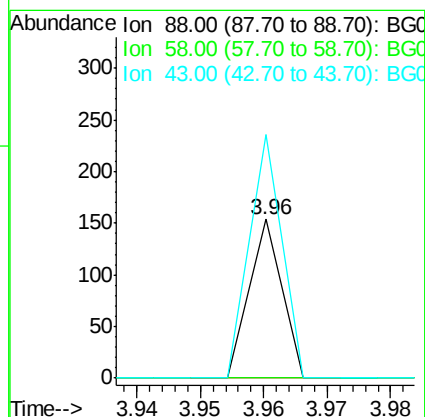
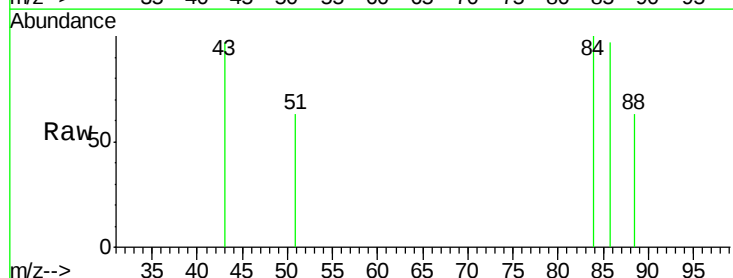
Tot Ion:152 Resp: 19306
Ion Ratio Lower Upper
152 100
150 151.1 126.6 189.8
115 53.3 53.0 79.4

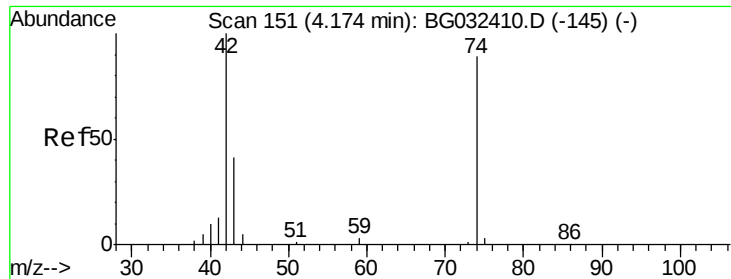


#2

1,4-Dioxane
Concen: 0.167 ng
RT: 3.96 min Scan# 114
Delta R.T. 0.15 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
58 0.0 79.6 119.4#
43 0.0 27.4 41.0#





#4

n-Nitrosodimethylamine

Concen: 0.125 ng

RT: 3.80 min Scan# 86

Delta R.T. -0.37 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

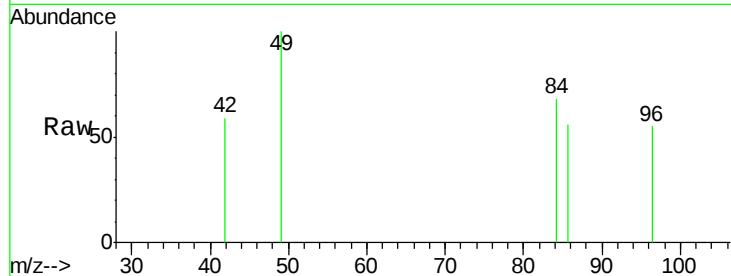
Tot Ion: 42 Resp: 57

Ion Ratio Lower Upper

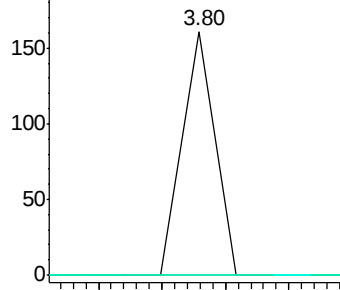
42 100

74 0.0 102.5 153.7#

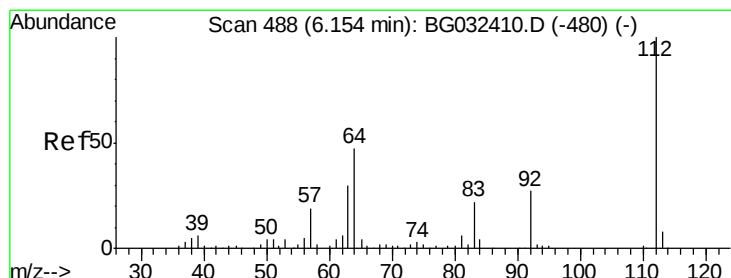
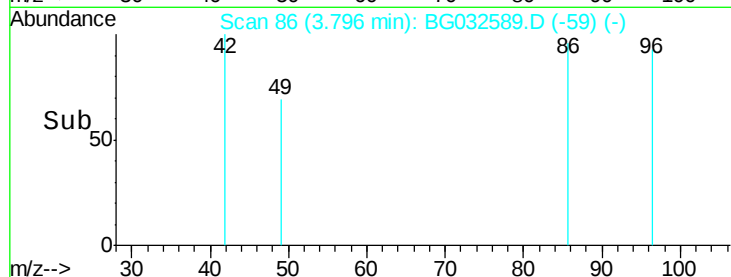
44 0.0 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



Time-->



#5

2-Fluorophenol

Concen: 64.457 ng

RT: 6.15 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

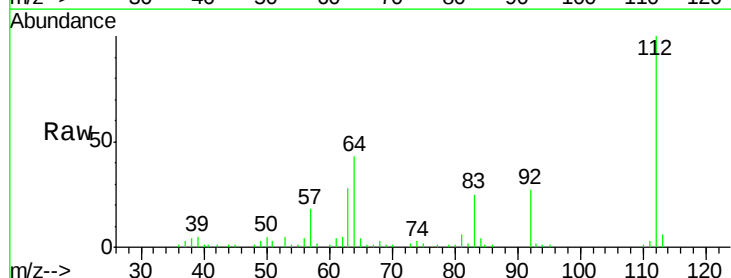
Tgt Ion: 112 Resp: 61955

Ion Ratio Lower Upper

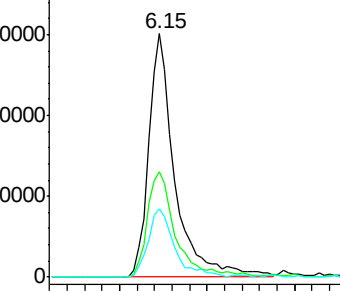
112 100

64 43.3 56.3 84.5#

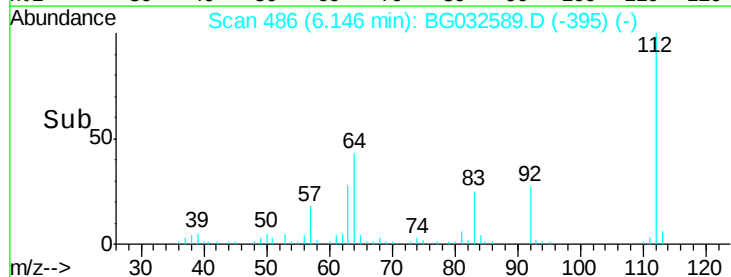
63 28.1 30.1 45.1#

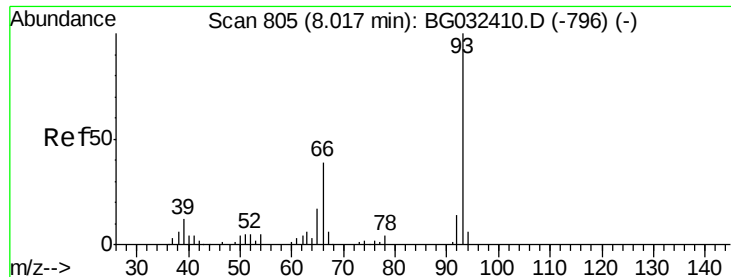


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#6

Aniline

Concen: 0.043 ng

RT: 8.20 min Scan# 836

Delta R.T. 0.20 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

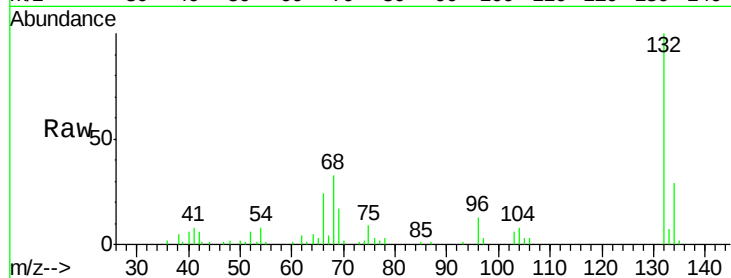
Tot Ion: 93 Resp: 68

Ion Ratio Lower Upper

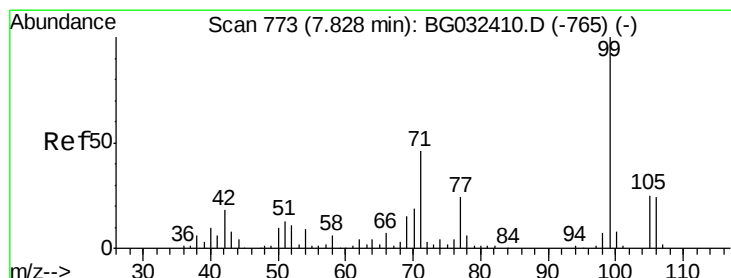
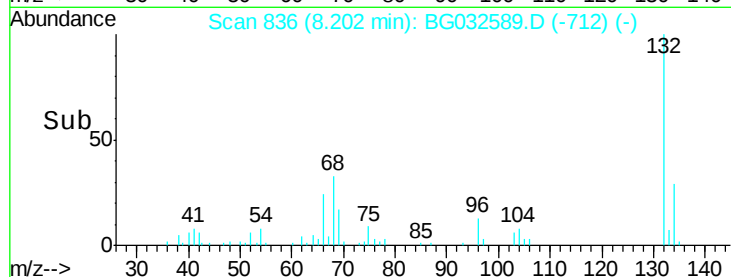
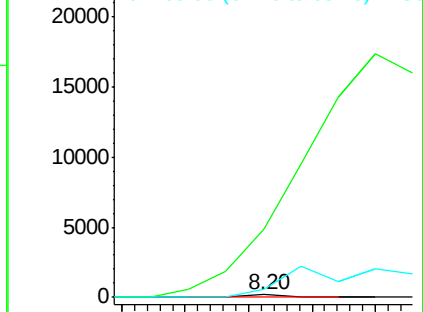
93 100

66 2520.8 33.7 50.5#

65 287.5 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: 33.792 ng

RT: 7.83 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

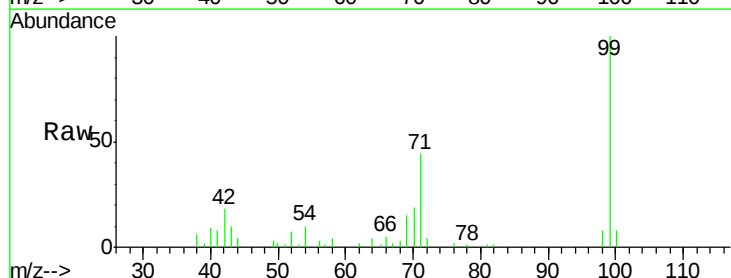
Tgt Ion: 99 Resp: 43342

Ion Ratio Lower Upper

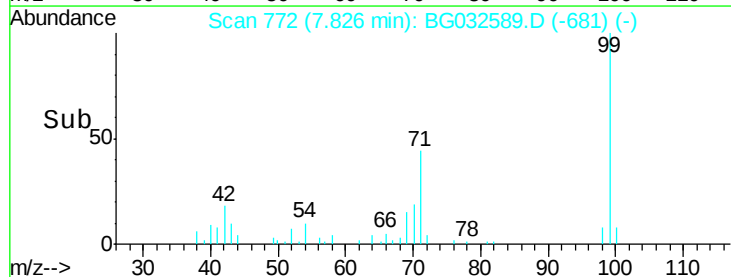
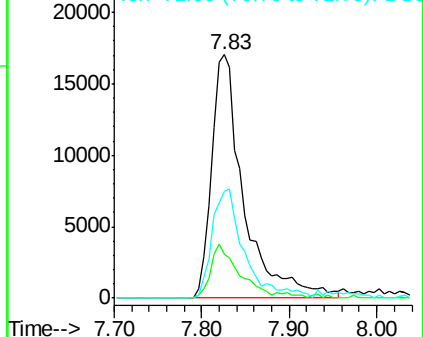
99 100

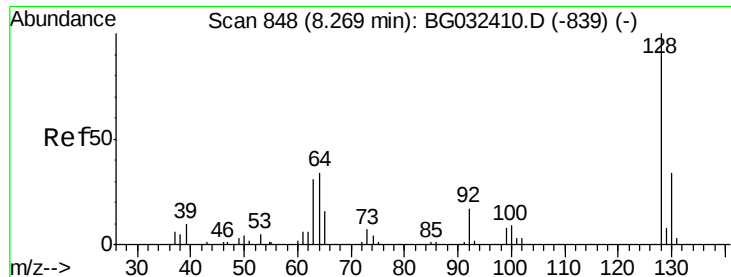
42 18.1 14.1 21.1

71 43.6 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: 0.053 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.09 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampled :

LW-04-B

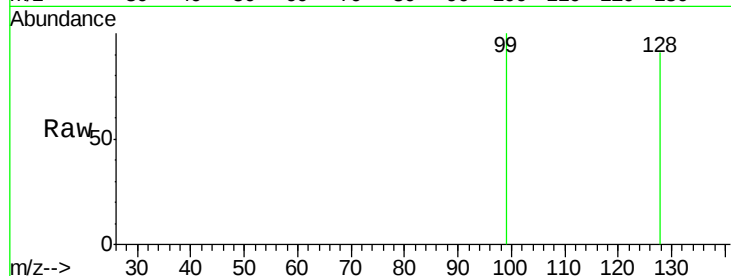
Tot Ion:128 Resp: 60

Ion Ratio Lower Upper

128 100

130 0.0 14.0 54.0#

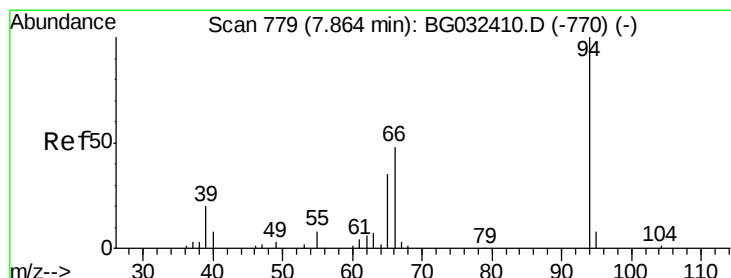
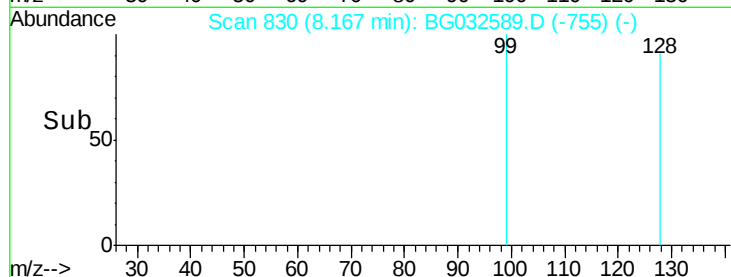
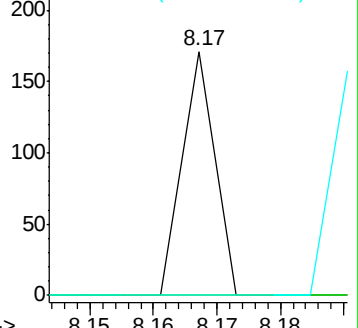
64 0.0 37.7 77.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#10

Phenol

Concen: 0.248 ng

RT: 7.86 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

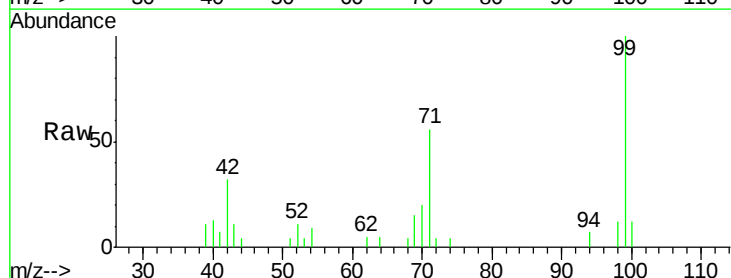
Tgt Ion: 94 Resp: 302

Ion Ratio Lower Upper

94 100

65 0.0 11.9 51.9#

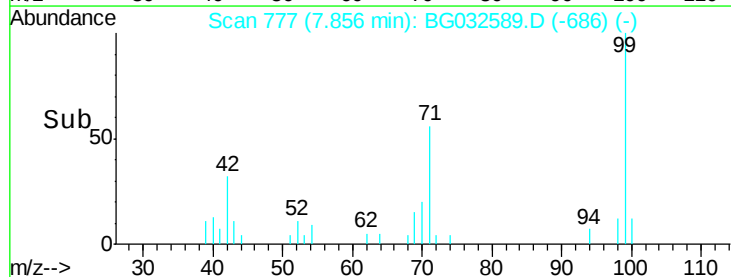
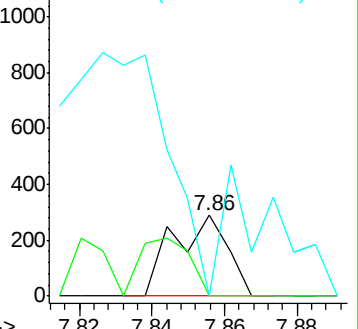
66 0.0 22.2 62.2#

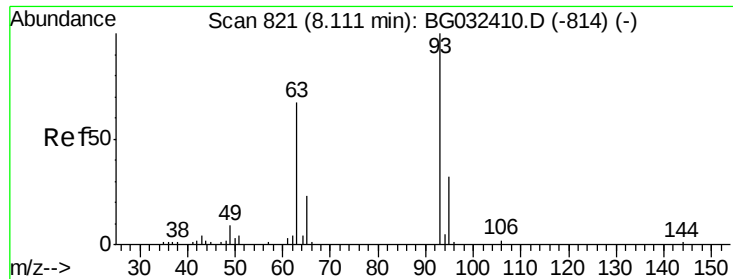


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

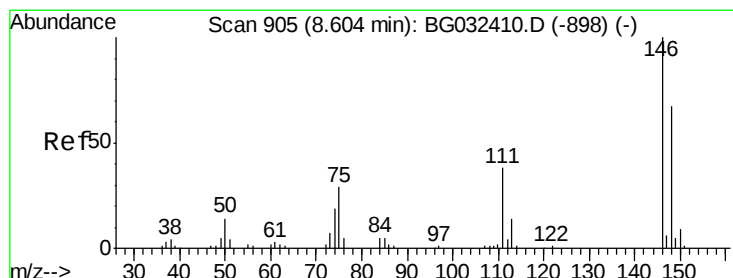
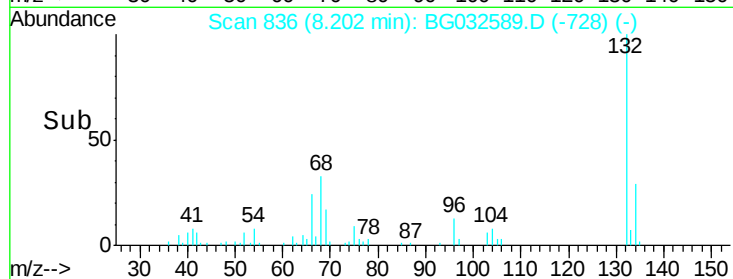
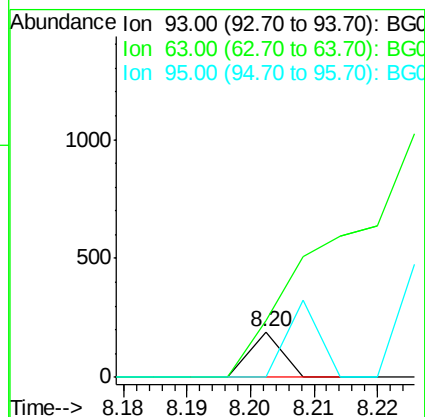
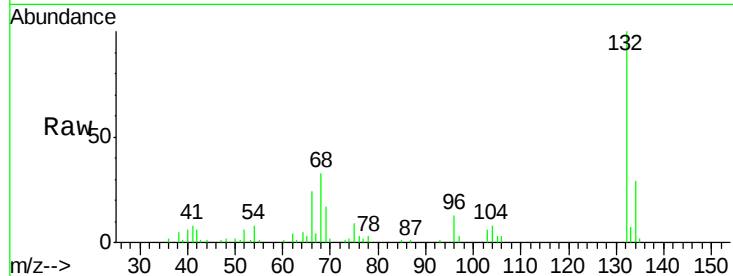




#11
bis(2-Chloroethyl)ether
Concen: 0.073 ng
RT: 8.20 min Scan# 836
Delta R.T. 0.10 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

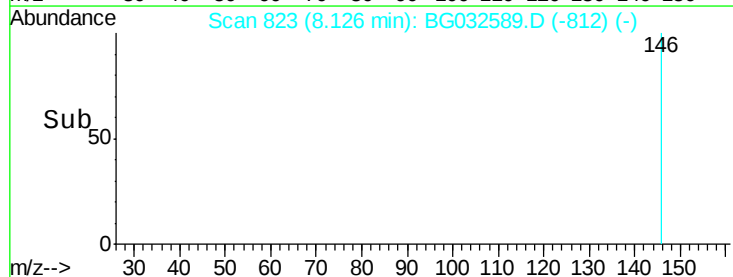
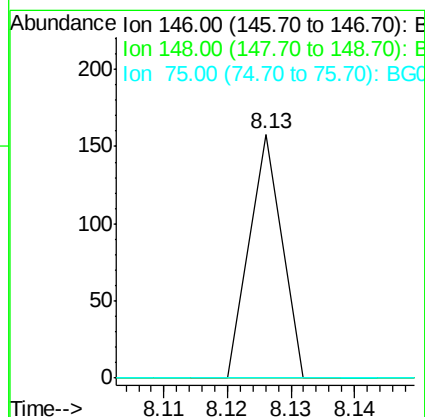
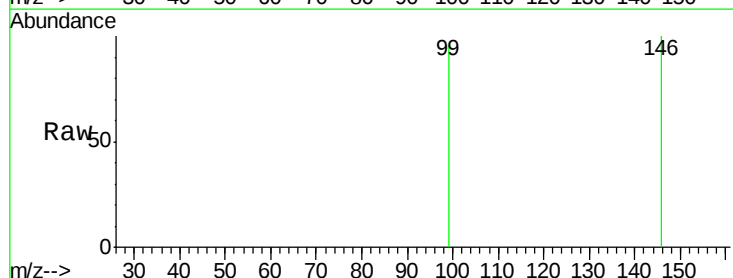
Instrument :
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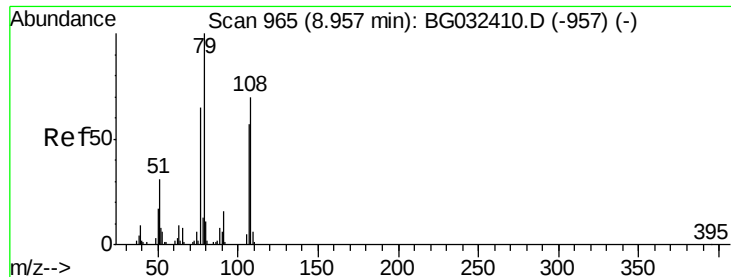
Tot Ion: 93.00 Resp: 68
Ion Ratio Lower Upper
93 100
63 124.5 67.1 107.1#
95 0.0 11.5 51.5#



#12
1,3-Dichlorobenzene
Concen: 0.036 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.47 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion: 146 Resp: 56
Ion Ratio Lower Upper
146 100
148 0.0 51.4 77.2#
75 0.0 26.6 39.8#





#15

Benzyl Alcohol

Concen: 1.663 ng

RT: 9.04 min Scan# 978

Delta R.T. 0.09 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

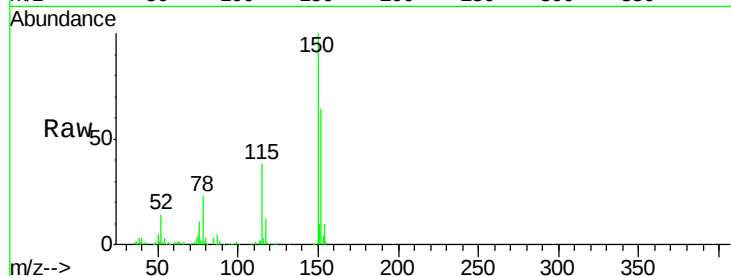
Tot Ion: 79 Resp: 1758

Ion Ratio Lower Upper

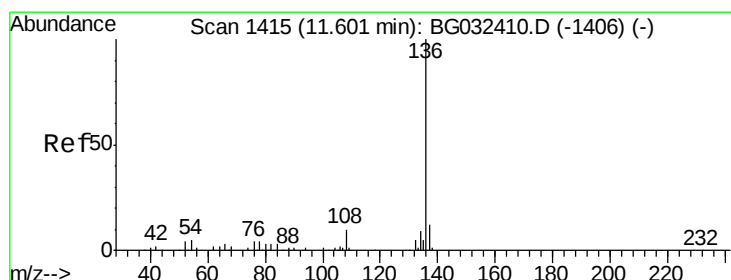
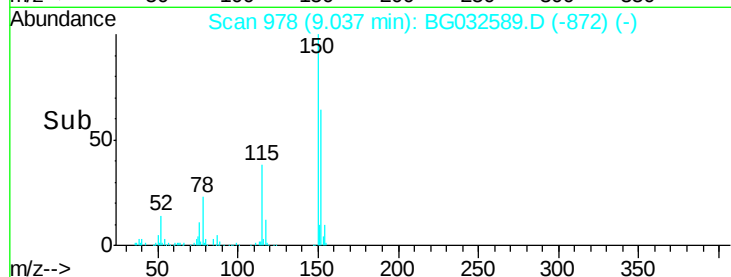
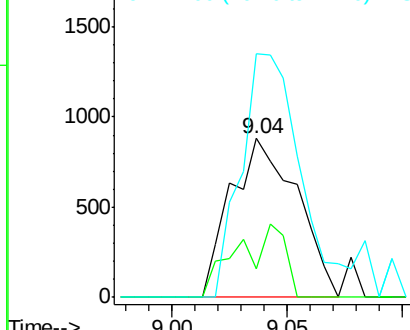
79 100

108 18.0 57.2 85.8#

77 153.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Tgt Ion: 136 Resp: 77012

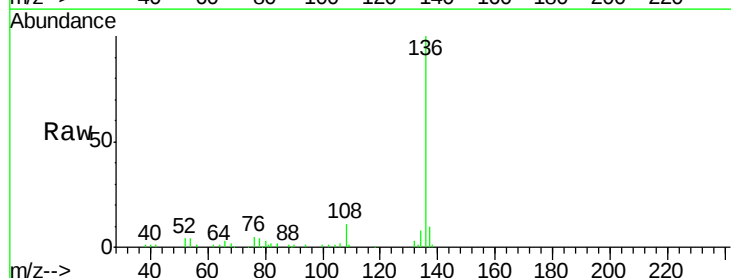
Ion Ratio Lower Upper

136 100

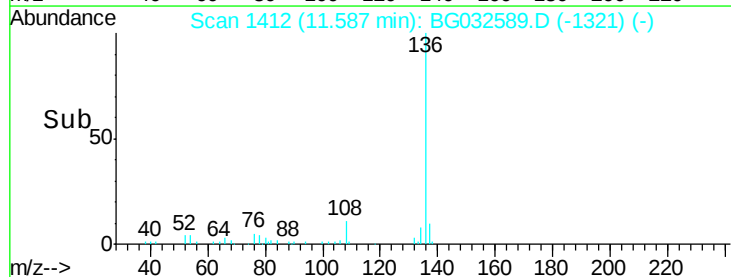
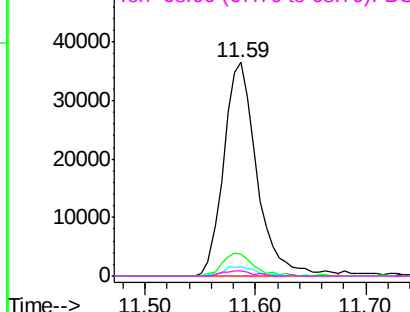
137 10.5 9.2 13.8

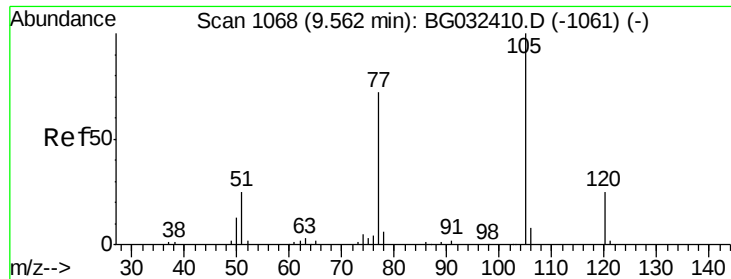
54 4.0 10.3 15.5#

68 2.4 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 0.445 ng

RT: 9.52 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

Tot Ion: 105 Resp: 804

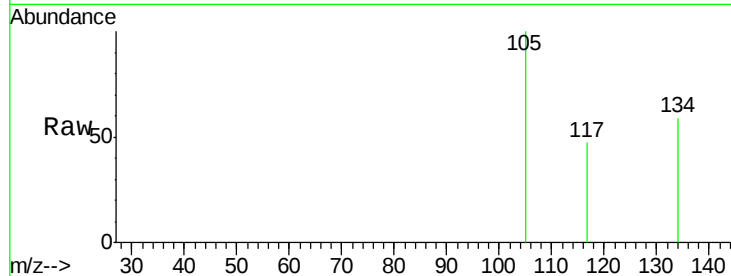
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 0.0 26.1 39.1#

120 0.0 17.4 26.2#

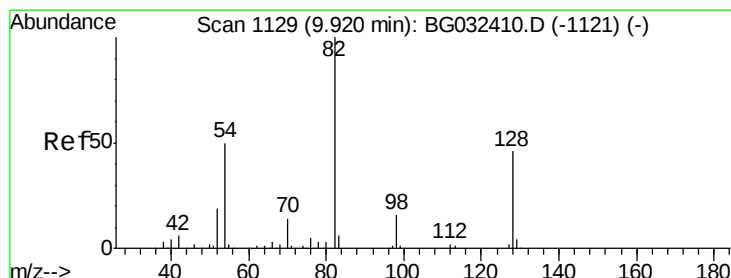
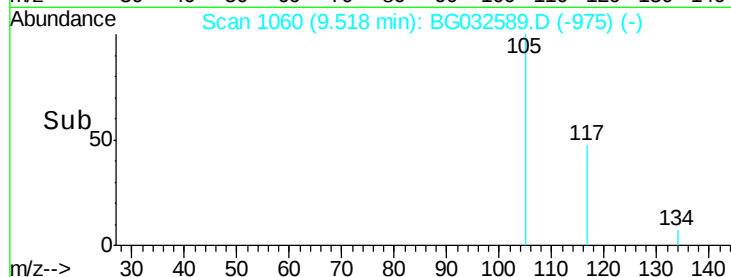
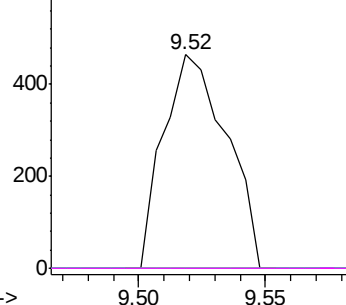


Abundance Ion 105.00 (104.70 to 105.70): E

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: 102.606 ng

RT: 9.91 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

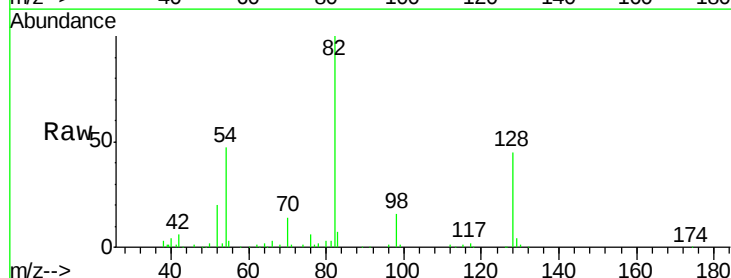
Tgt Ion: 82 Resp: 126510

Ion Ratio Lower Upper

82 100

128 44.6 29.7 44.5#

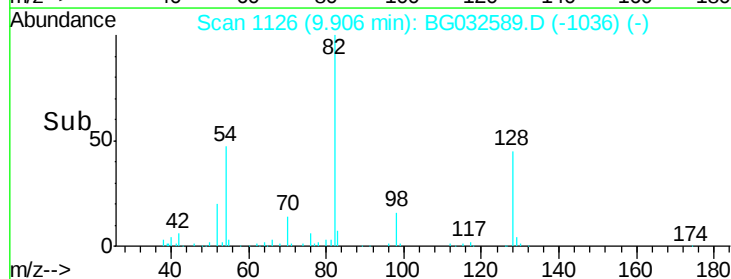
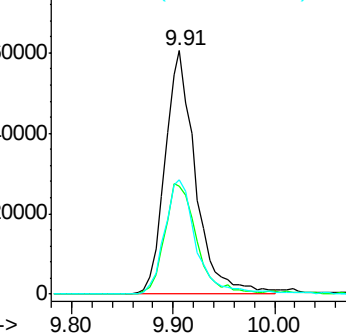
54 47.2 43.1 64.7

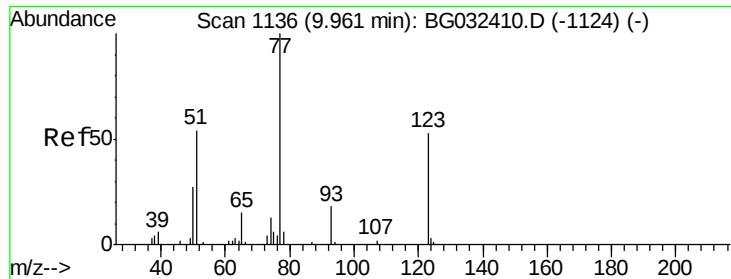


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

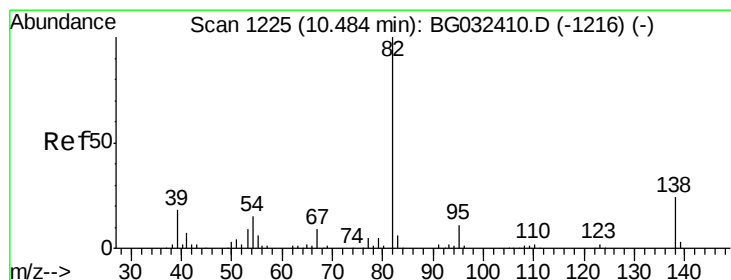
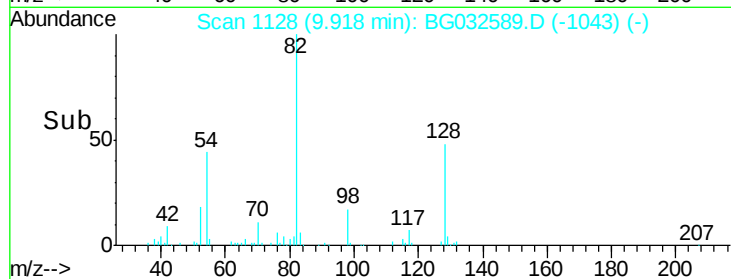
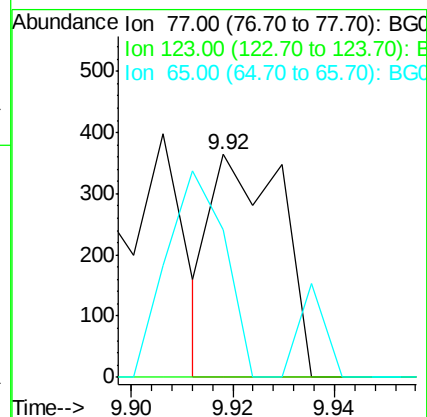
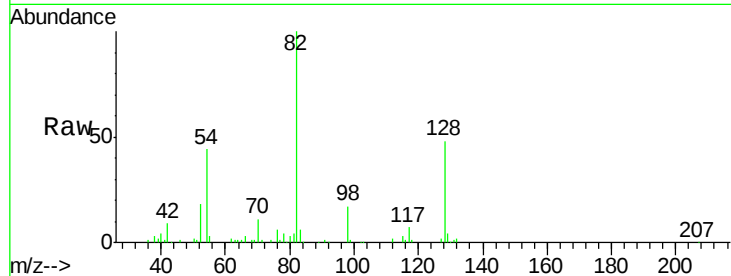




#24
Nitrobenzene
Concen: 0.294 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

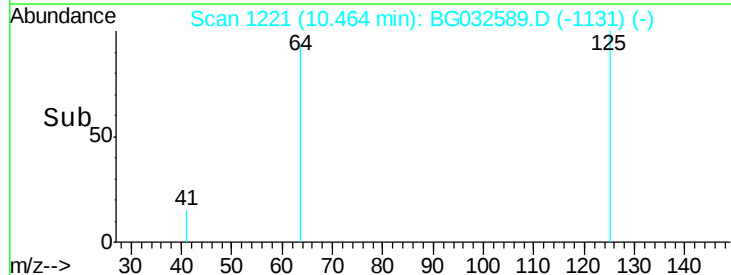
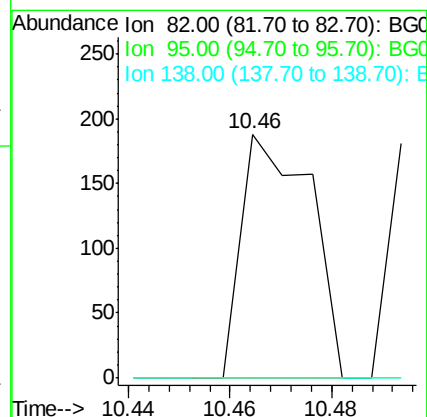
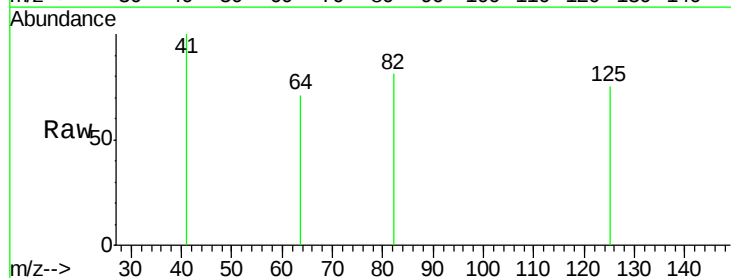
Instrument :
BNA_G
ClientSampled :
LW-04-B

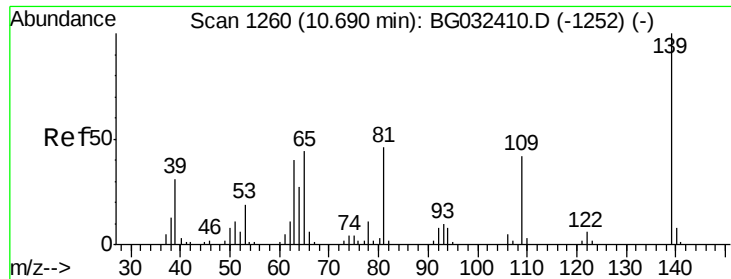
Tot Ion: 77 Resp: 350
Ion Ratio Lower Upper
77 100
123 0.0 33.0 49.6#
65 66.5 13.0 19.6#



#25
Isophorone
Concen: 0.084 ng
RT: 10.46 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion: 82 Resp: 177
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.1 18.1#





#26

2-Nitrophenol

Concen: 0.086 ng

RT: 11.14 min Scan# 1336

Delta R.T. 0.46 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampled :

LW-04-B

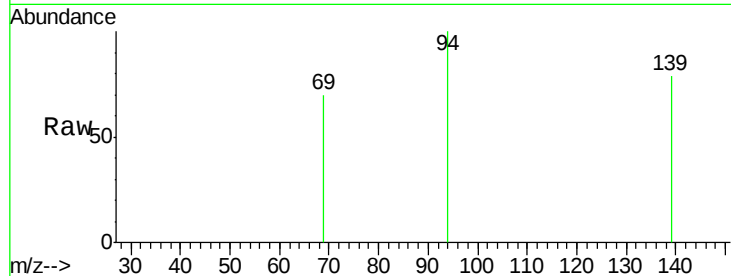
Tot Ion:139 Resp: 62

Ion Ratio Lower Upper

139 100

109 0.0 24.2 36.2#

65 0.0 47.4 71.0#



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): B

11.14

11.12

11.14

11.16

11.18

11.20

11.22

11.24

11.26

11.28

11.30

11.32

11.34

11.36

11.38

11.40

11.42

11.44

11.46

11.48

11.50

11.52

11.54

11.56

11.58

11.60

11.62

11.64

11.66

11.68

11.70

11.72

11.74

11.76

11.78

11.80

11.82

11.84

11.86

11.88

11.90

11.92

11.94

11.96

11.98

12.00

12.02

12.04

12.06

12.08

12.10

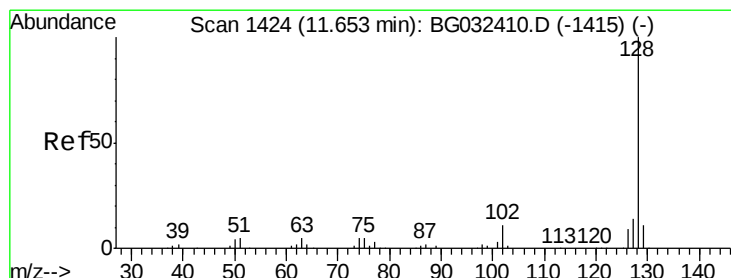
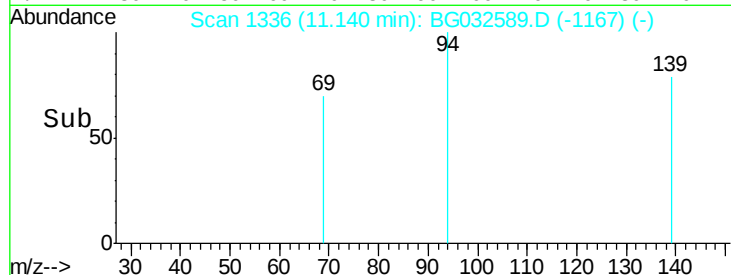
12.12

12.14

12.16

12.18

12.20



#31

Naphthalene

Concen: 0.015 ng

RT: 11.65 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

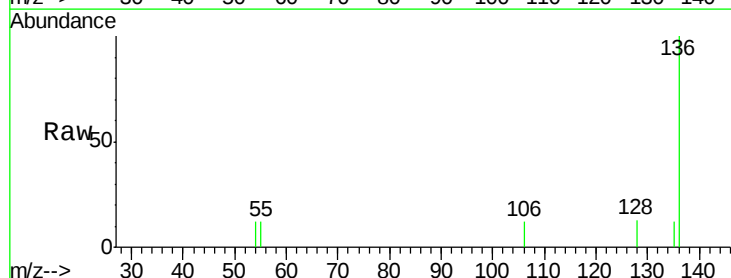
Tgt Ion:128 Resp: 57

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

11.65

11.64

11.66

11.68

11.70

11.72

11.74

11.76

11.78

11.80

11.82

11.84

11.86

11.88

11.90

11.92

11.94

11.96

11.98

12.00

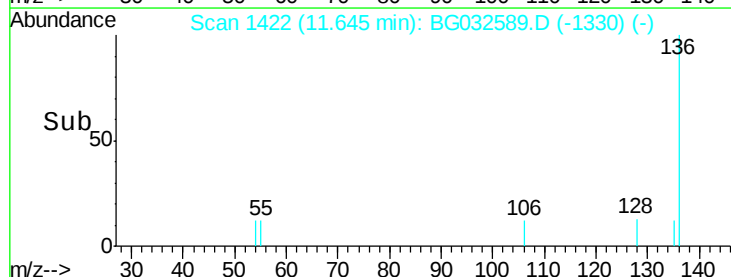
12.02

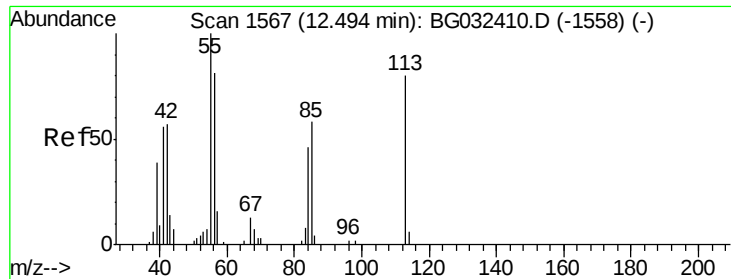
12.04

12.06

12.08

12.10





#35

Caprolactam

Concen: 0.142 ng

RT: 12.57 min Scan# 1580

Delta R.T. 0.09 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

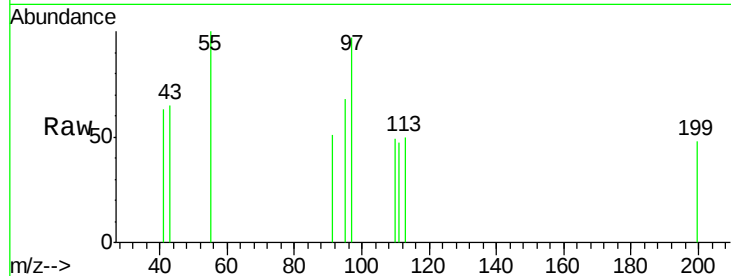
Tot Ion:113 Resp: 56

Ion Ratio Lower Upper

113 100

55 201.3 186.9 226.9

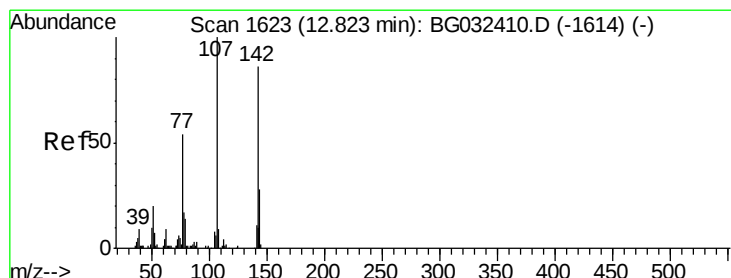
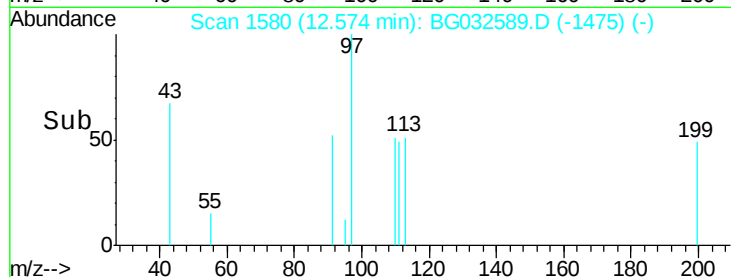
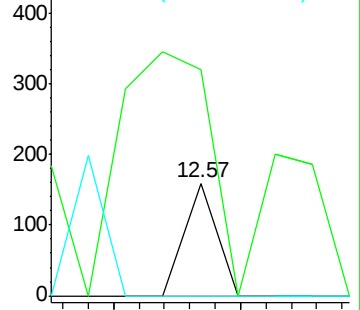
56 0.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 0.126 ng

RT: 12.83 min Scan# 1624

Delta R.T. 0.02 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

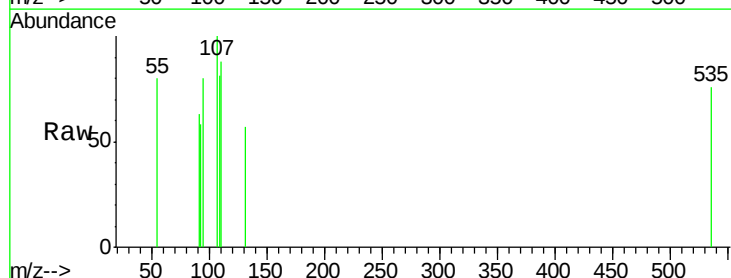
Tgt Ion:107 Resp: 164

Ion Ratio Lower Upper

107 100

144 0.0 18.2 27.4#

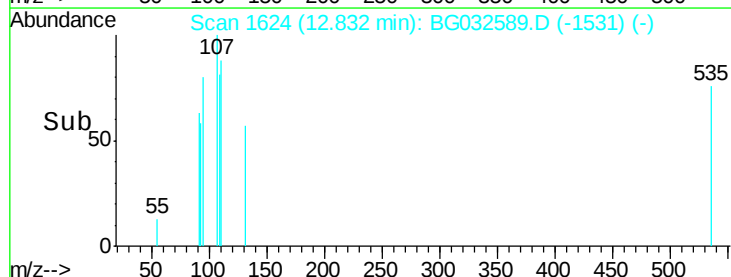
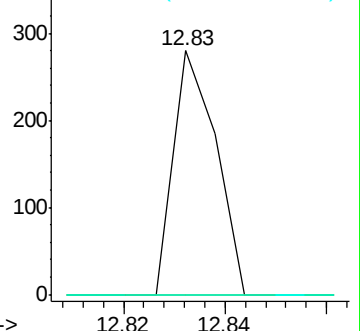
142 0.0 59.0 88.4#

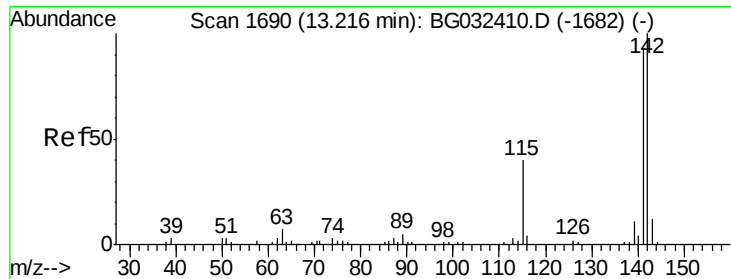


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

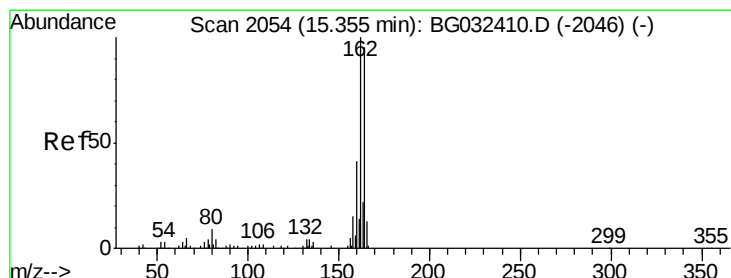
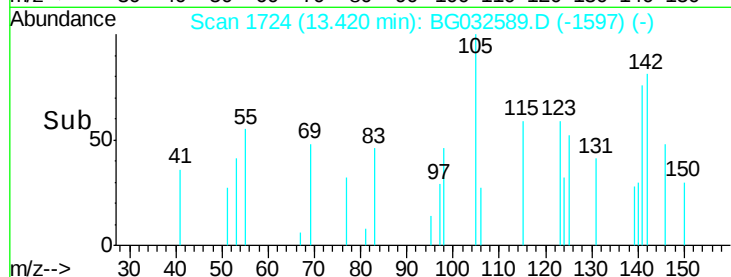
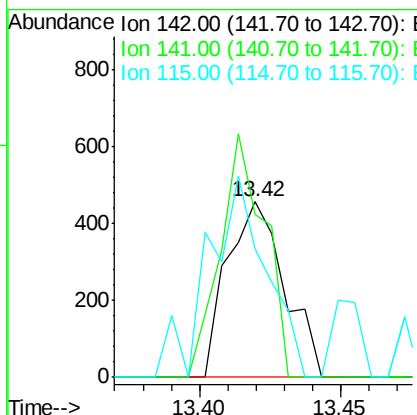
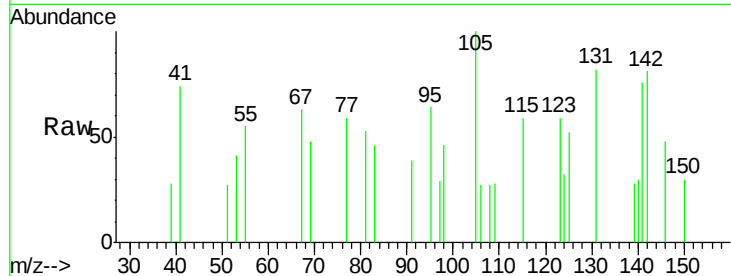




#37
2-Methylnaphthalene
Concen: 0.203 ng
RT: 13.42 min Scan# 1724
Delta R.T. 0.21 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

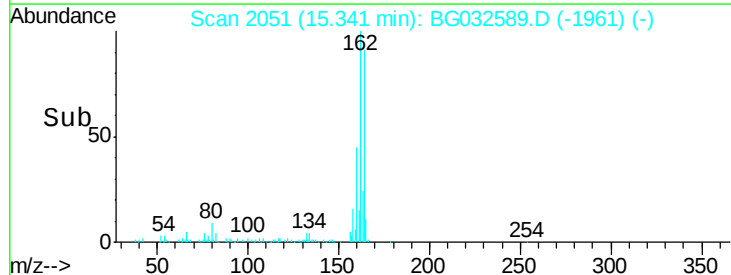
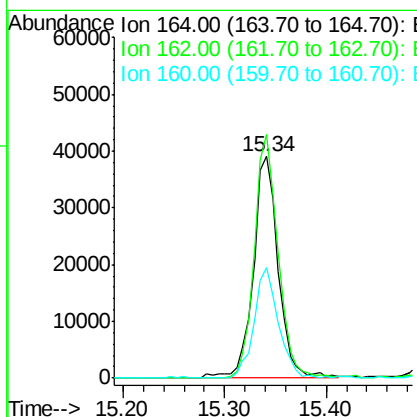
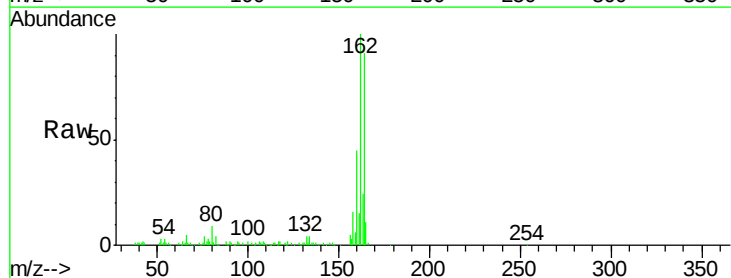
Instrument :
BNA_G
ClientSampleID :
LW-04-B

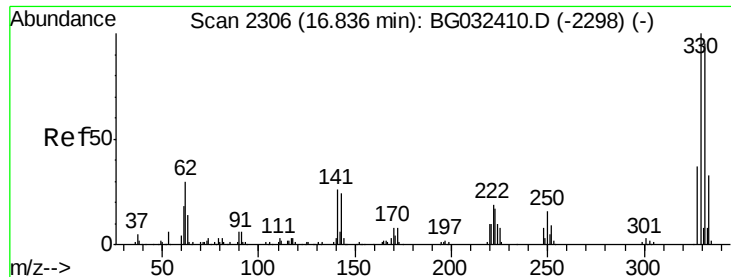
Tot Ion:142 Resp: 640
Ion Ratio Lower Upper
142 100
141 93.2 67.1 100.7
115 73.0 30.7 46.1#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:164 Resp: 66577
Ion Ratio Lower Upper
164 100
162 109.8 78.8 118.2
160 49.7 35.4 53.0

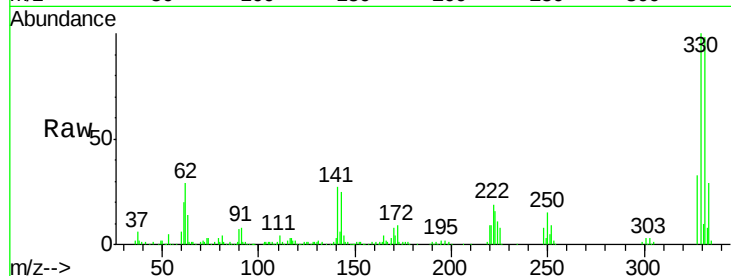




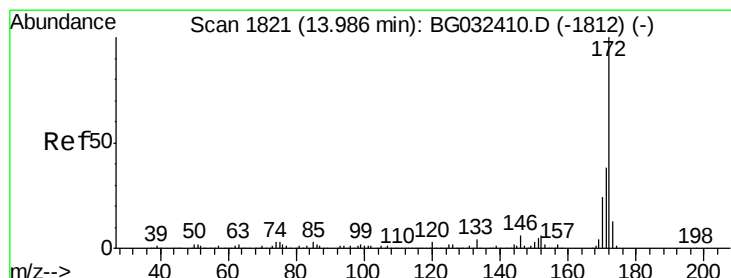
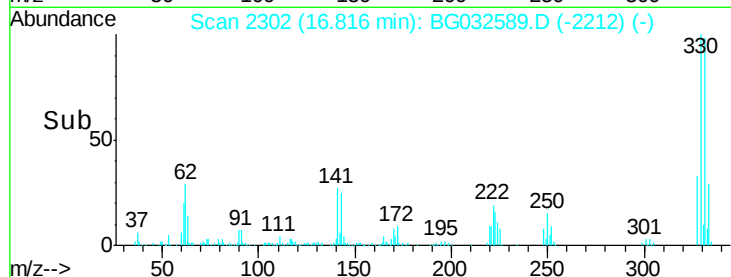
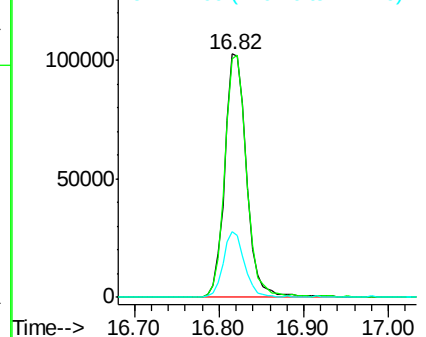
#41
 2,4,6-Tribromophenol
 Concen: 145.253 ng
 RT: 16.82 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: BG032589.D
 Acq: 7 Feb 2018 8:04

Instrument :
 BNA_G
 ClientSampled :
 LW-04-B

Tot Ion:330 Resp: 184078
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.0 115.6
 141 26.7 25.2 37.8

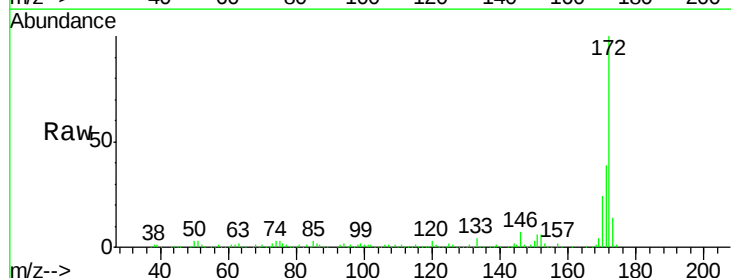


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

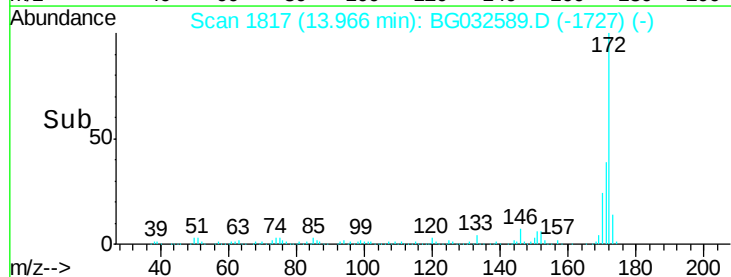
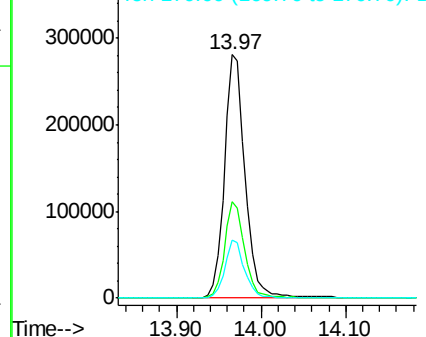


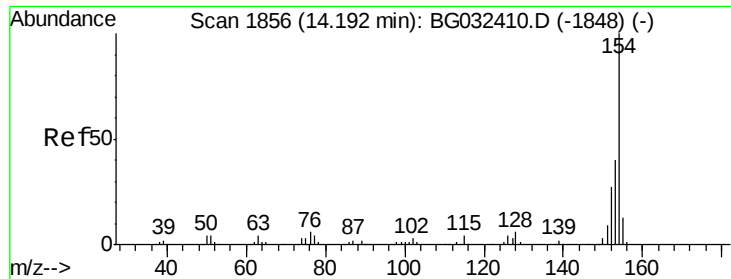
#44
 2-Fluorobiphenyl
 Concen: 85.442 ng
 RT: 13.97 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG032589.D
 Acq: 7 Feb 2018 8:04

Tgt Ion:172 Resp: 478600
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.0 45.0
 170 23.8 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

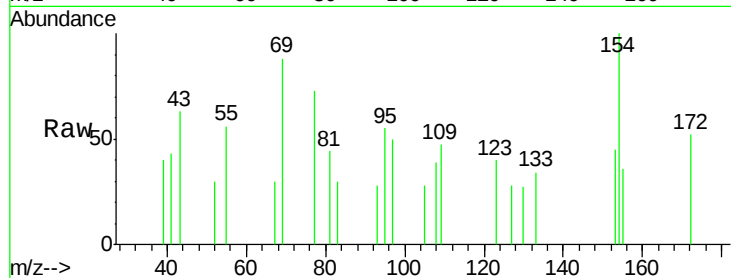




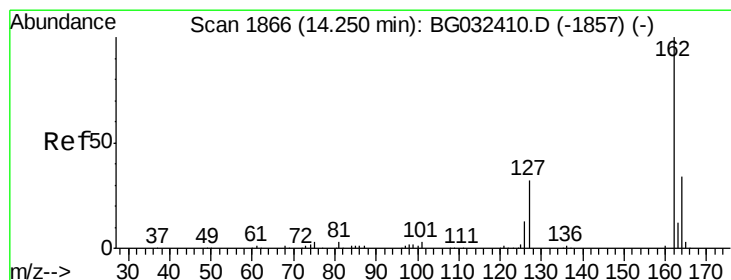
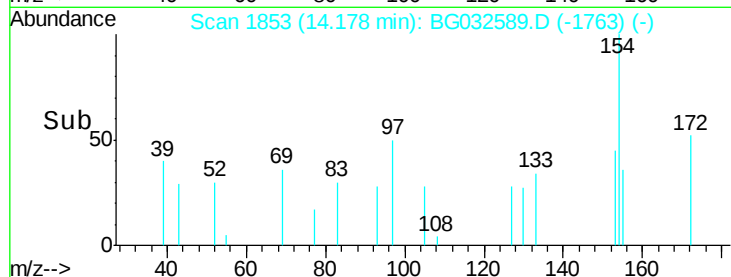
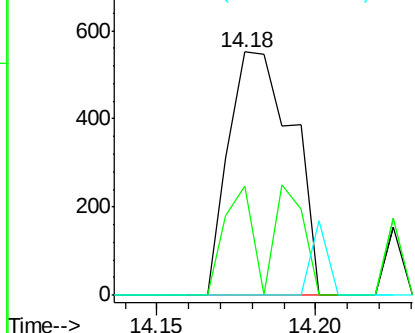
#45
 1,1'-Biphenyl
 Concen: 0.137 ng
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032589.D
 Acq: 7 Feb 2018 8:04

Instrument :
 BNA_G
 ClientSampled :
 LW-04-B

Tot Ion:154 Resp: 769
 Ion Ratio Lower Upper
 154 100
 153 44.7 19.8 59.8
 76 0.0 0.0 31.9

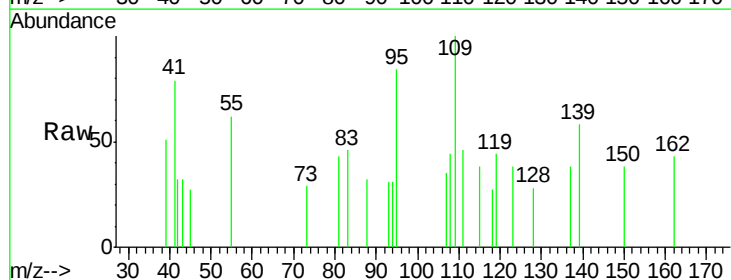


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

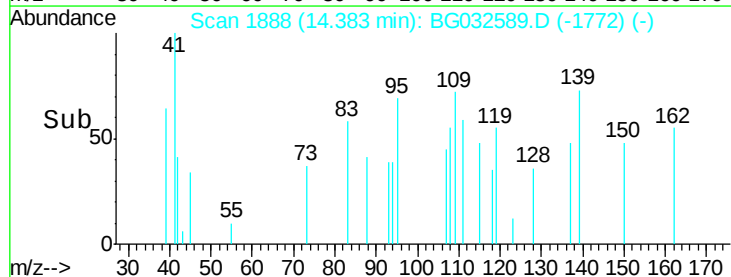
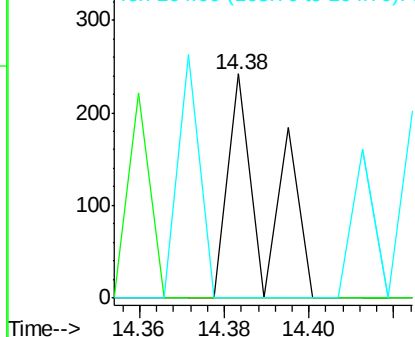


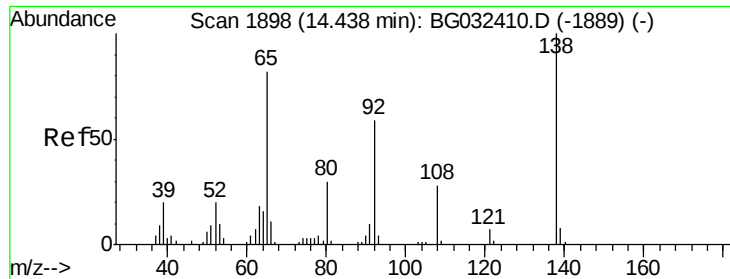
#46
 2-Chloronaphthalene
 Concen: 0.034 ng
 RT: 14.38 min Scan# 1888
 Delta R.T. 0.15 min
 Lab File: BG032589.D
 Acq: 7 Feb 2018 8:04

Tgt Ion:162 Resp: 150
 Ion Ratio Lower Upper
 162 100
 127 0.0 30.7 46.1#
 164 0.0 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: 0.068 ng

RT: 14.45 min Scan# 1900

Delta R.T. 0.03 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

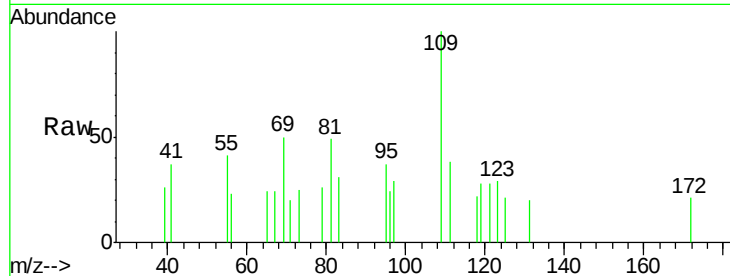
Tot Ion: 65 Resp: 66

Ion Ratio Lower Upper

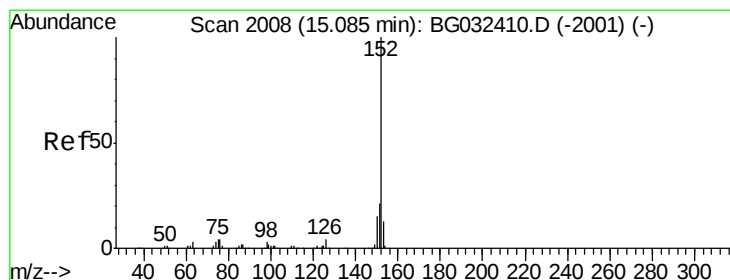
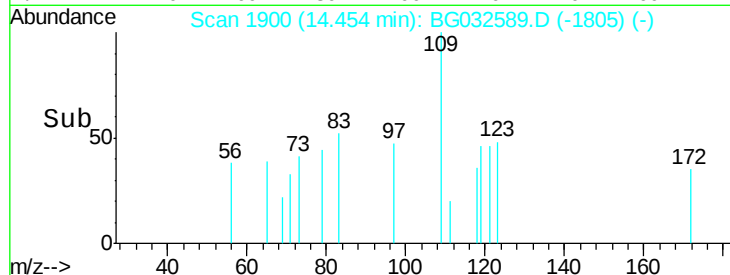
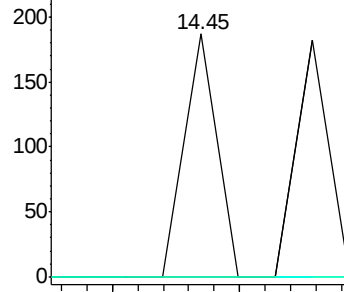
65 100

92 0.0 54.6 82.0#

138 0.0 72.9 109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 0.009 ng

RT: 14.95 min Scan# 1984

Delta R.T. -0.13 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

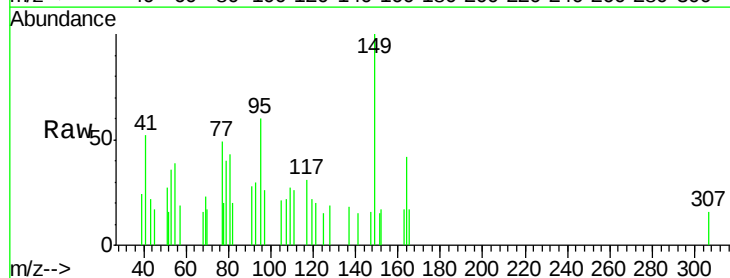
Tgt Ion: 152 Resp: 60

Ion Ratio Lower Upper

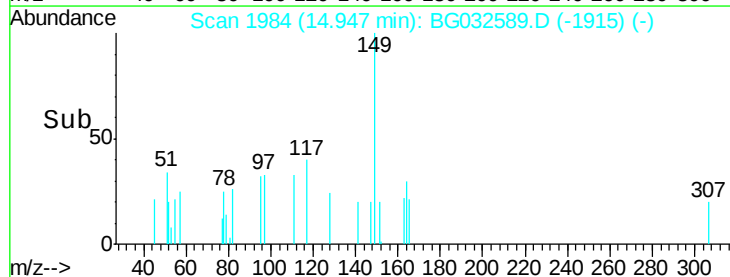
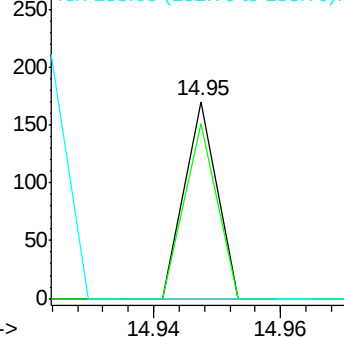
152 100

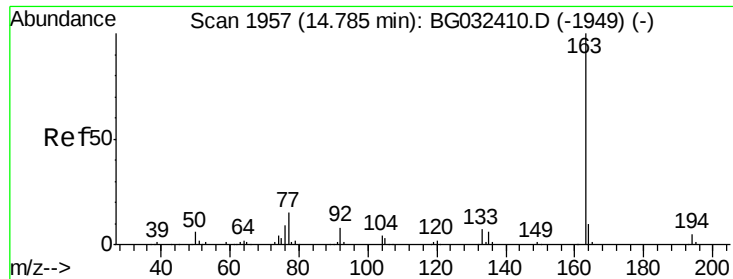
151 88.8 17.2 25.8#

153 0.0 10.2 15.4#



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 0.450 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

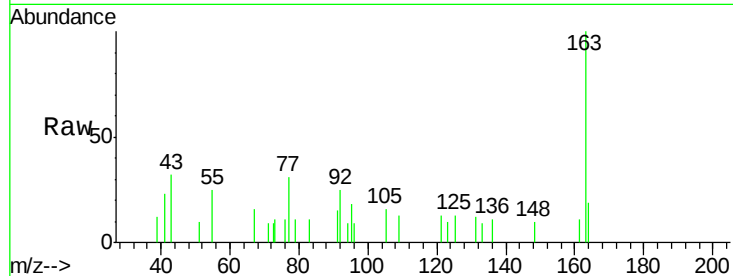
Tot Ion:163 Resp: 2760

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

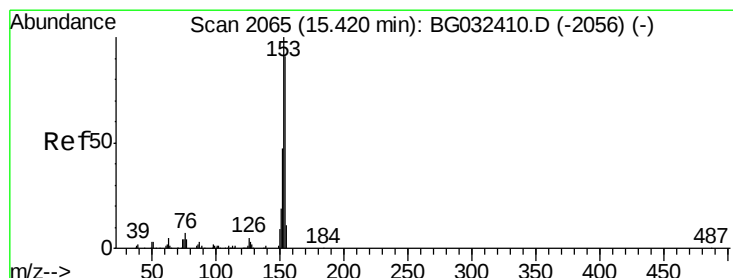
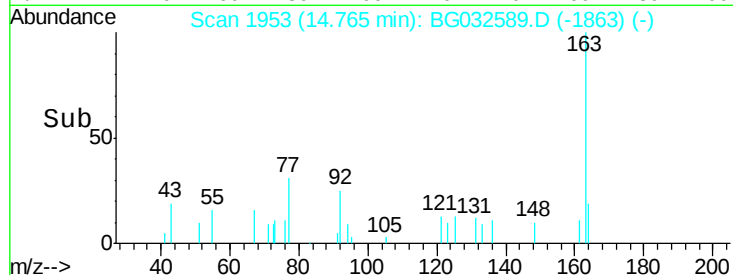
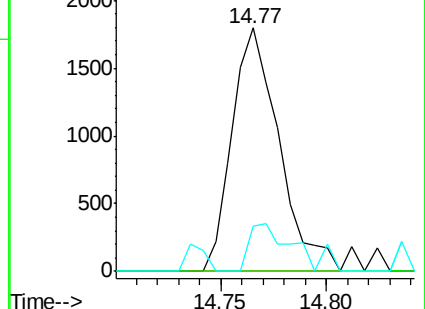
164 18.6 8.2 12.4#



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: 0.127 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

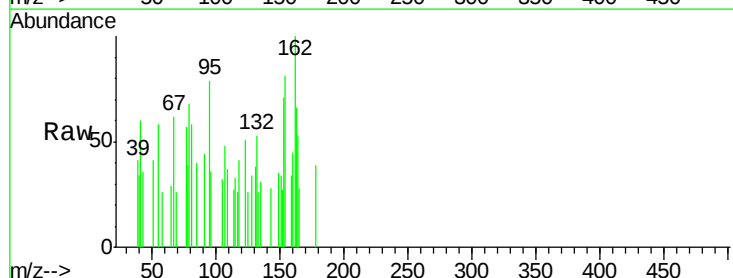
Tgt Ion:154 Resp: 585

Ion Ratio Lower Upper

154 100

153 88.4 90.4 135.6#

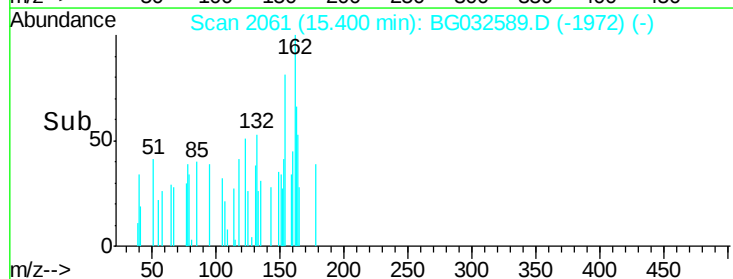
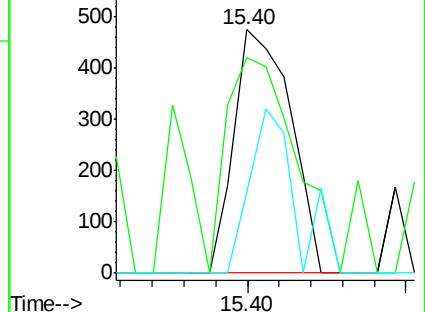
152 33.3 41.6 62.4#

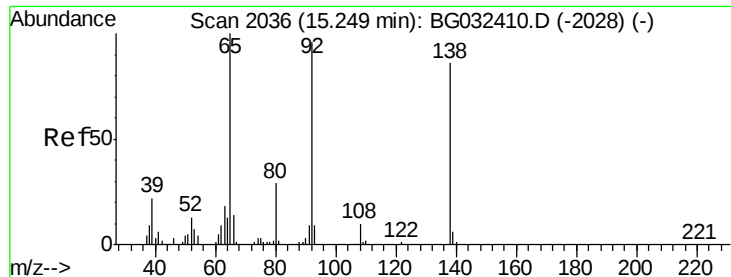


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 0.053 ng

RT: 15.21 min Scan# 2028

Delta R.T. -0.04 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampled :

LW-04-B

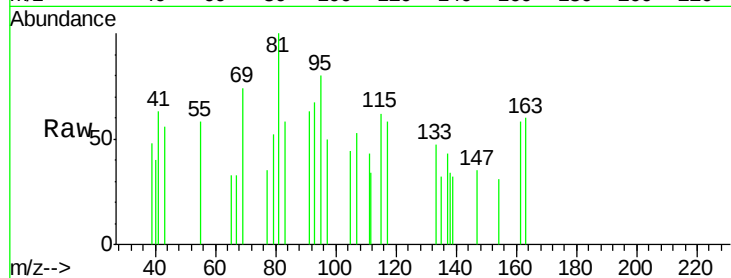
Tot Ion:138 Resp: 60

Ion Ratio Lower Upper

138 100

108 0.0 17.5 26.3#

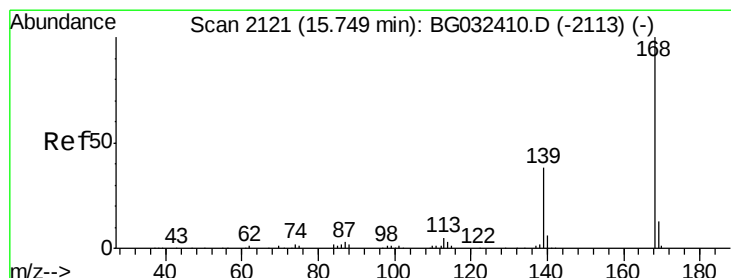
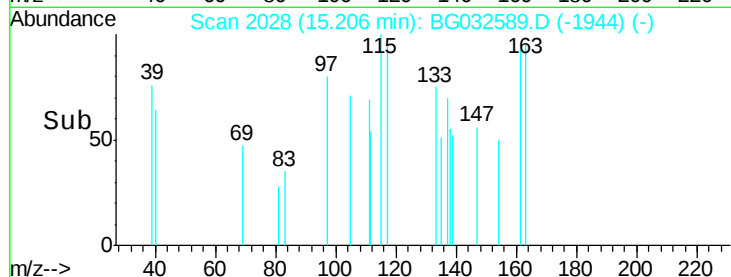
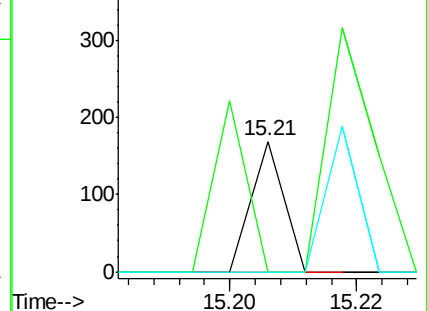
92 0.0 105.8 158.8#



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): E



#54

Dibenzofuran

Concen: 0.090 ng

RT: 15.74 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

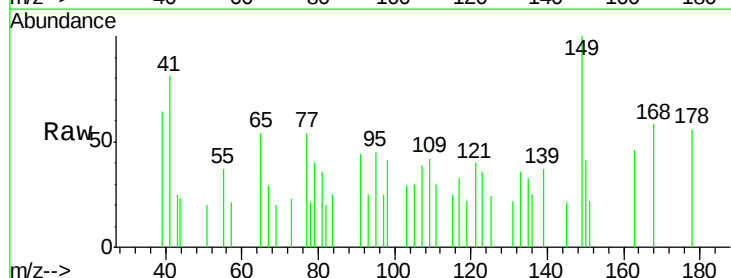
Tgt Ion:168 Resp: 618

Ion Ratio Lower Upper

168 100

139 63.3 28.6 43.0#

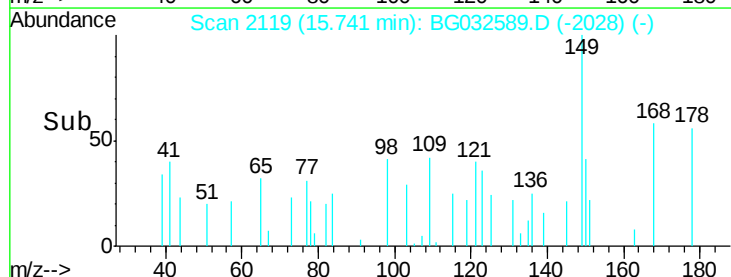
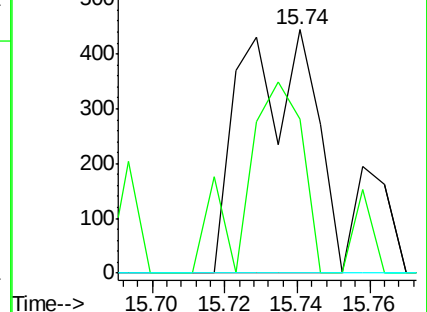
169 0.0 11.2 16.8#

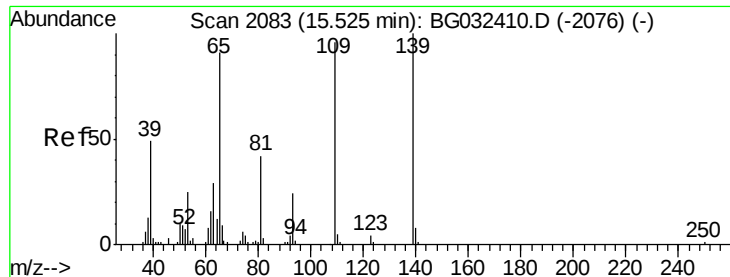


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

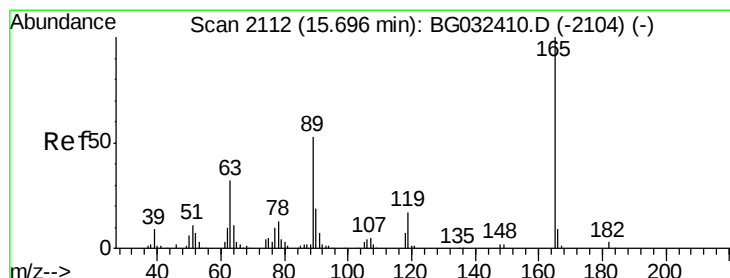
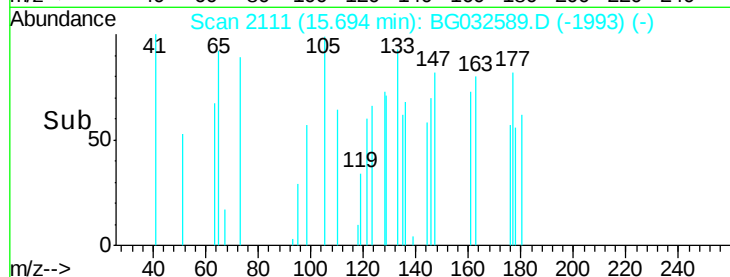
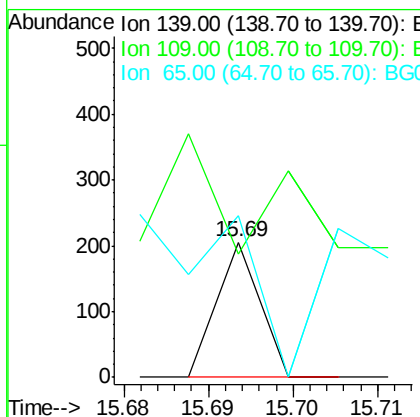
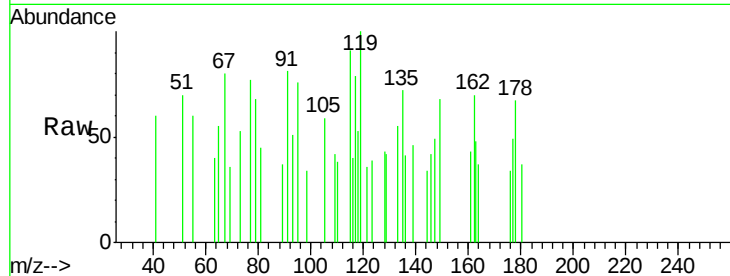




#55
4-Nitrophenol
Concen: 0.085 ng
RT: 15.69 min Scan# 2111
Delta R.T. 0.16 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

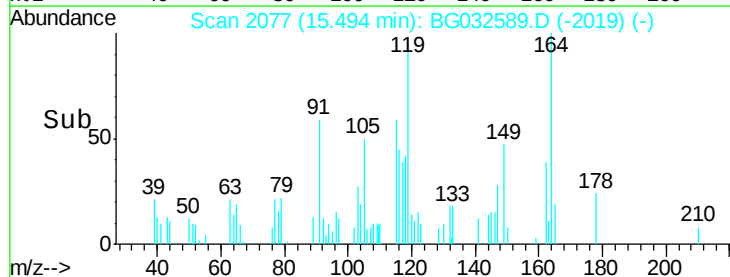
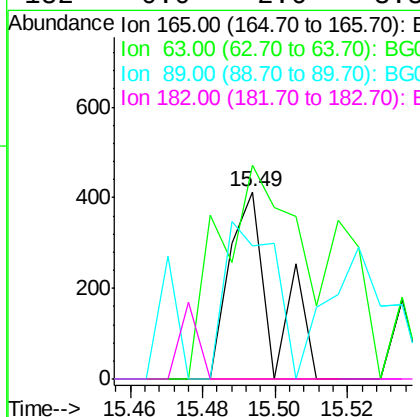
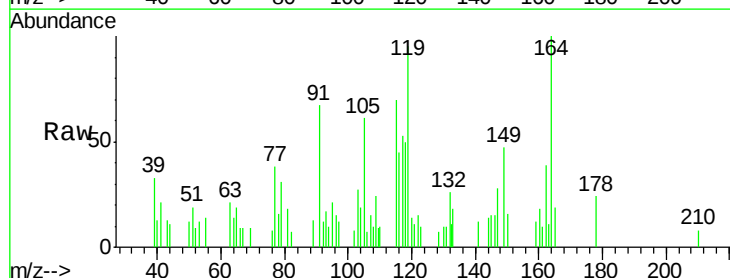
Instrument :
BNA_G
ClientSampled :
LW-04-B

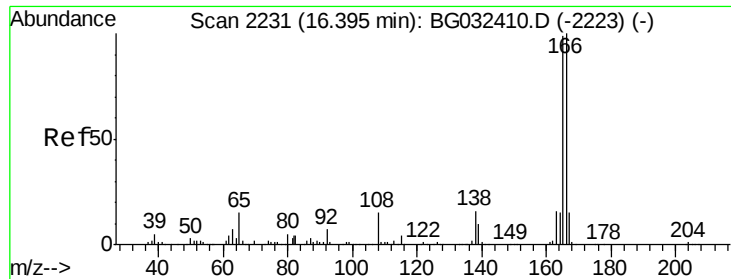
Tot Ion:139 Resp: 72
Ion Ratio Lower Upper
139 100
109 91.7 62.2 102.2
65 120.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 0.186 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.19 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:165 Resp: 341
Ion Ratio Lower Upper
165 100
63 114.0 42.0 63.0#
89 71.2 66.9 100.3
182 0.0 2.6 3.8#

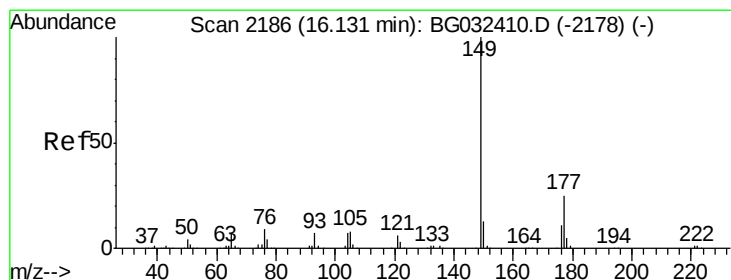
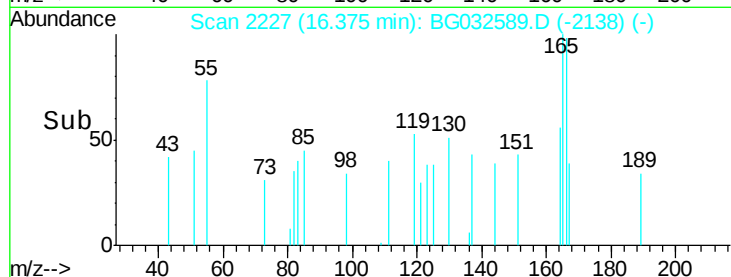
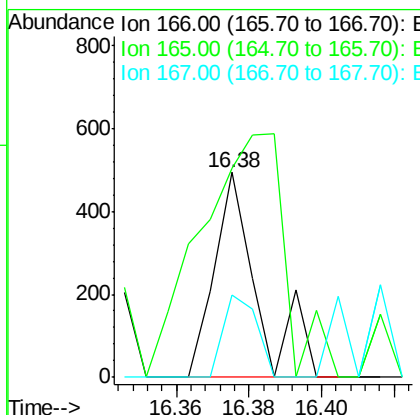
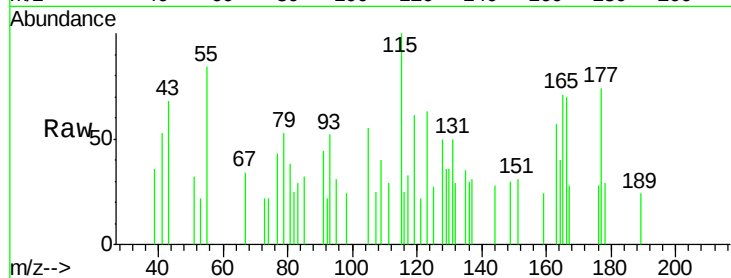




#57
Fluorene
Concen: 0.072 ng
RT: 16.38 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

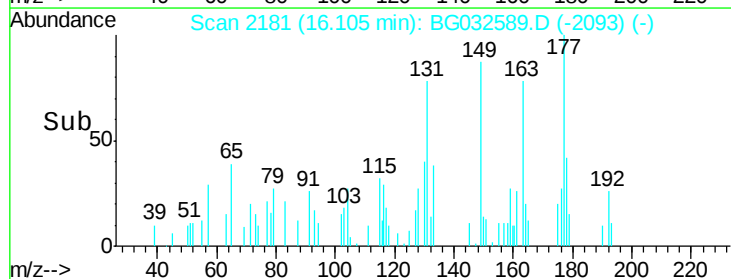
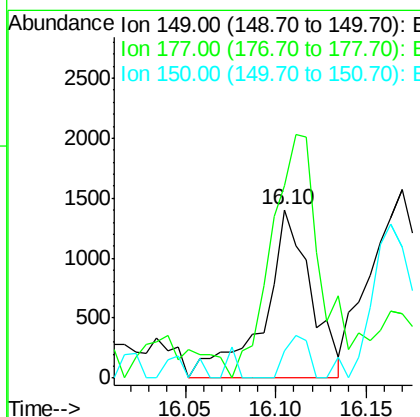
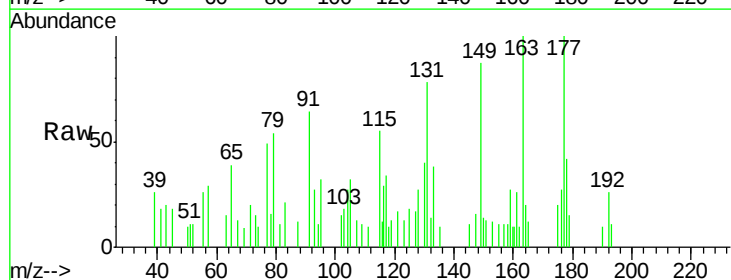
Instrument :
BNA_G
ClientSampleId :
LW-04-B

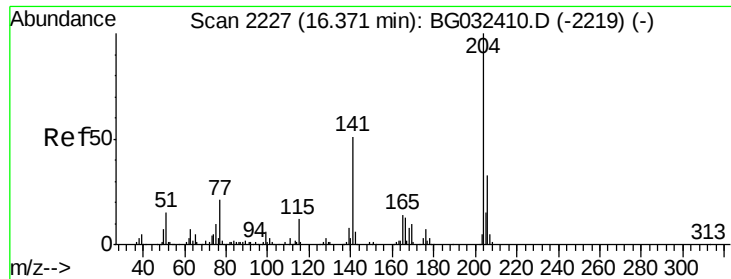
Tot Ion:166 Resp: 407
Ion Ratio Lower Upper
166 100
165 102.0 80.6 121.0
167 40.3 10.4 15.6#



#59
Diethylphthalate
Concen: 0.419 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:149 Resp: 2503
Ion Ratio Lower Upper
149 100
177 114.5 18.5 27.7#
150 16.5 10.2 15.2#

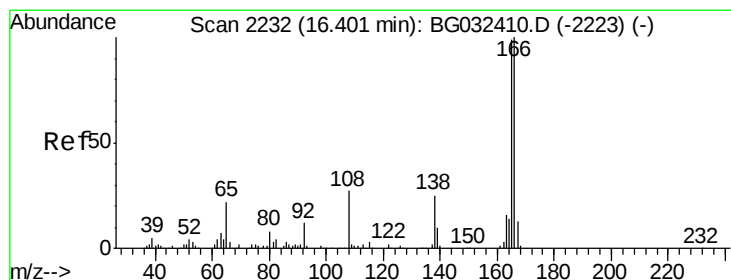
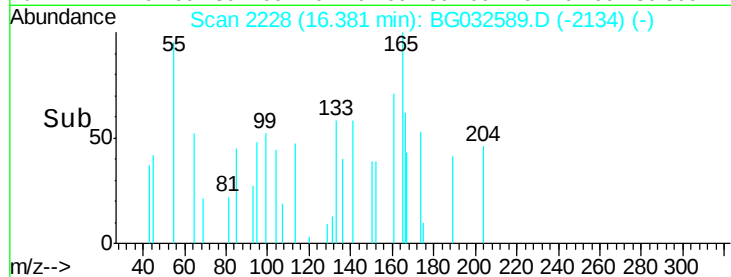
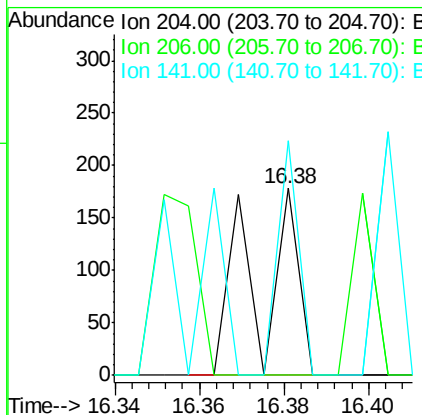
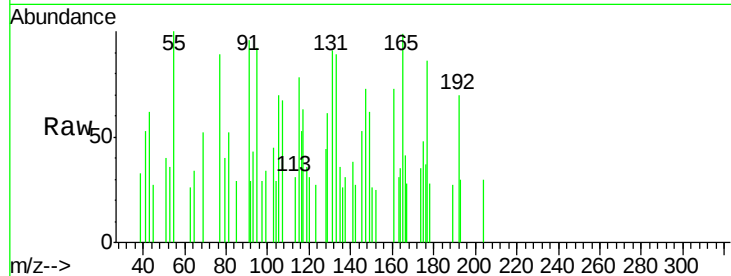




#60
4-Chlorophenyl-phenylether
Concen: 0.035 ng
RT: 16.38 min Scan# 2228
Delta R.T. 0.02 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

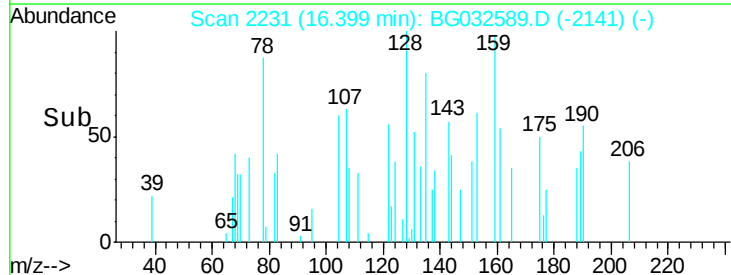
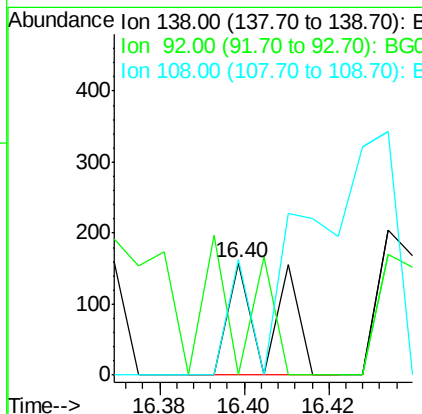
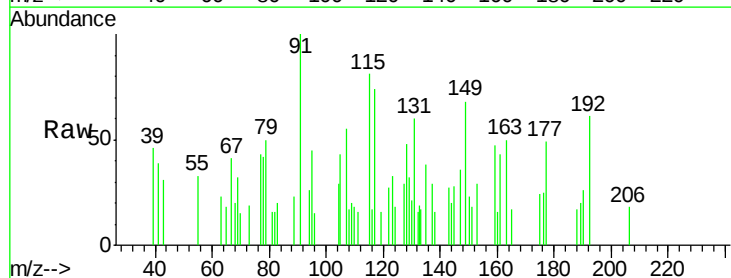
Instrument :
BNA_G
ClientSampleId :
LW-04-B

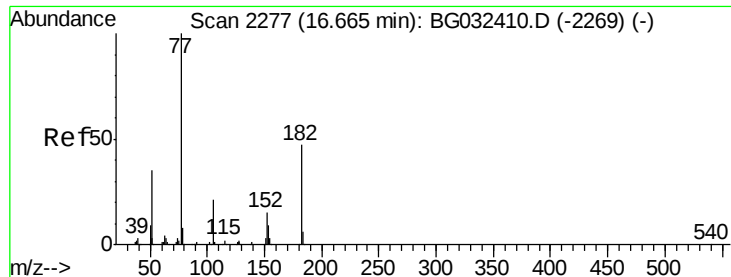
Tot Ion:204 Resp: 124
Ion Ratio Lower Upper
204 100
206 0.0 26.2 39.2#
141 125.8 45.8 68.6#



#61
4-Nitroaniline
Concen: 0.092 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
92 0.0 40.1 80.1#
108 103.2 65.4 105.4

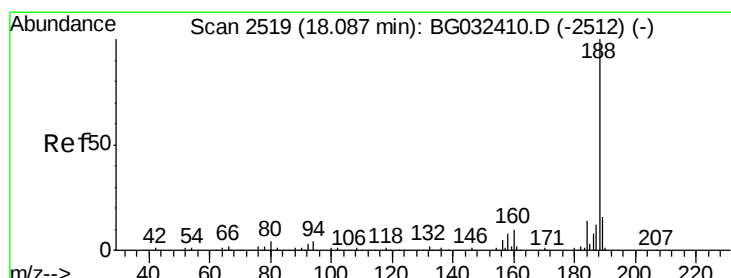
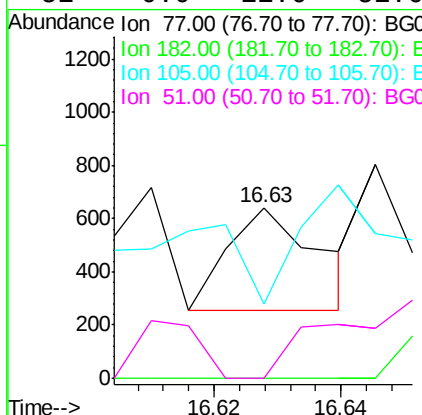
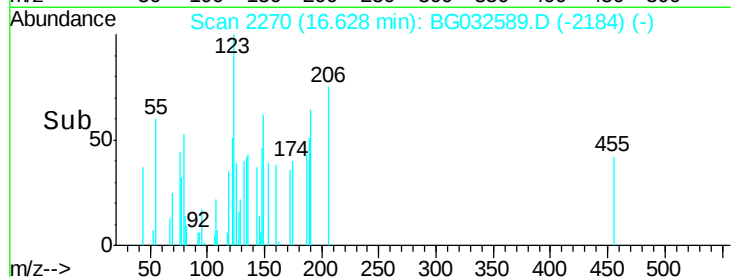
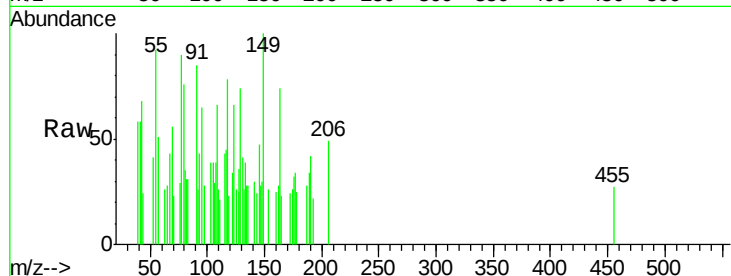




#62
Azobenzene
Concen: 0.105 ng
RT: 16.63 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

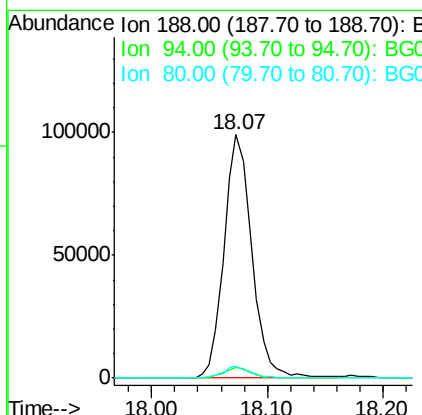
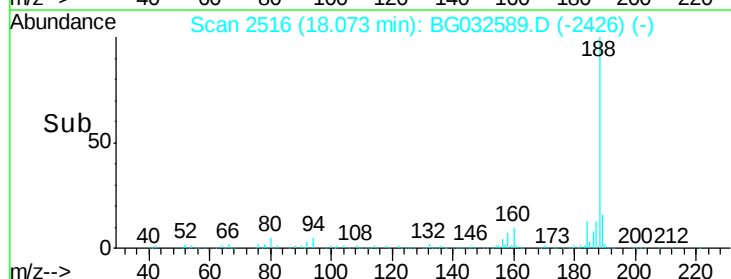
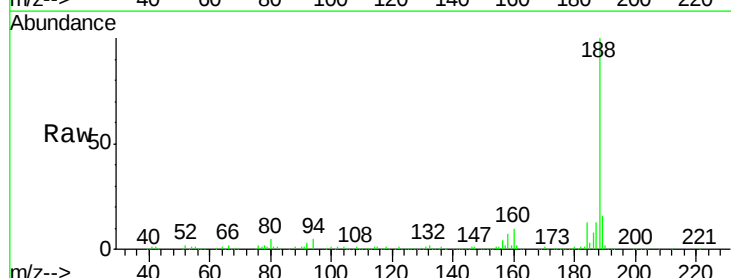
Instrument :
BNA_G
ClientSampled :
LW-04-B

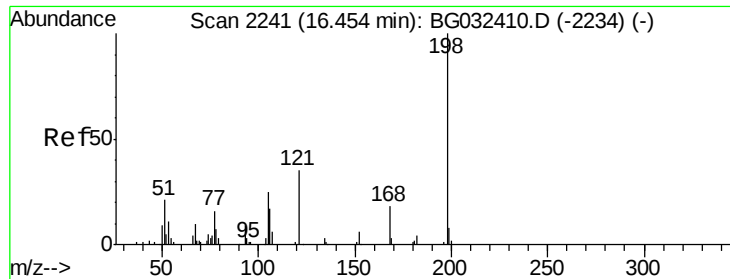
Tot Ion: 77 Resp: 375
Ion Ratio Lower Upper
77 100
182 0.0 7.4 47.4#
105 43.6 0.3 40.3#
51 0.0 11.6 51.6#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion: 188 Resp: 165456
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 5.1 7.7 11.5#





#64

4,6-Dinitro-2-methylphenol

Concen: 0.256 ng

RT: 16.81 min Scan# 2301

Delta R.T. 0.37 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampled :

LW-04-B

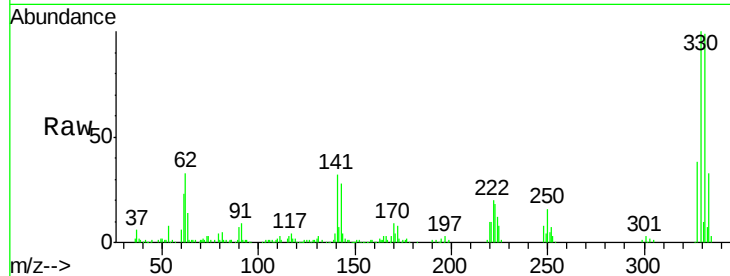
Tot Ion:198 Resp: 316

Ion Ratio Lower Upper

198 100

51 201.2 30.6 70.6#

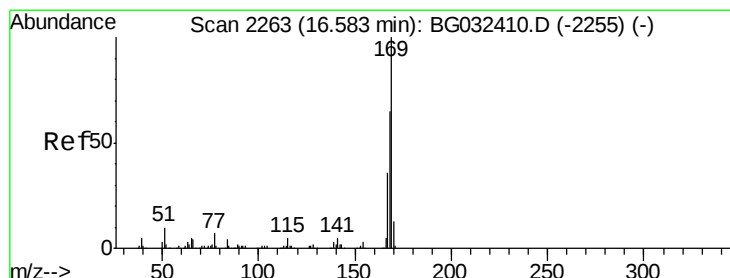
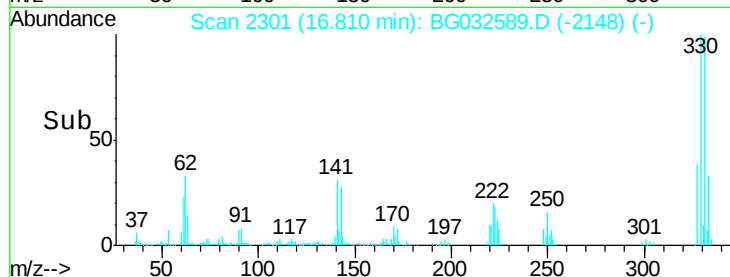
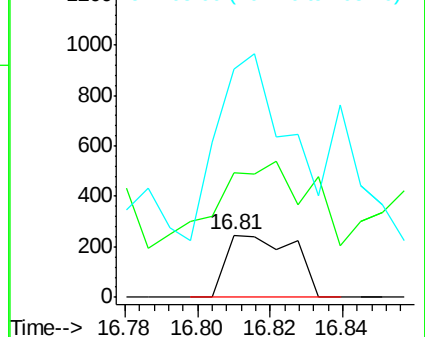
105 369.0 23.8 63.8#



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: 1.118 ng

RT: 16.82 min Scan# 2303

Delta R.T. 0.25 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

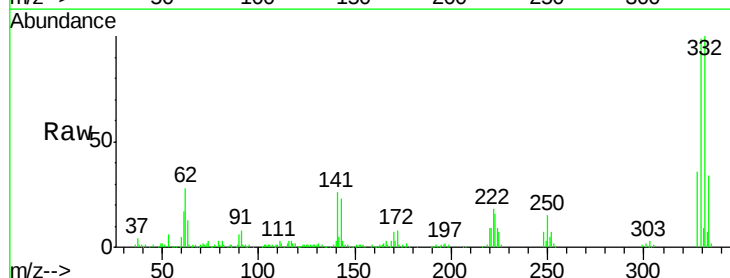
Tgt Ion:169 Resp: 5518

Ion Ratio Lower Upper

169 100

168 8.7 55.7 83.5#

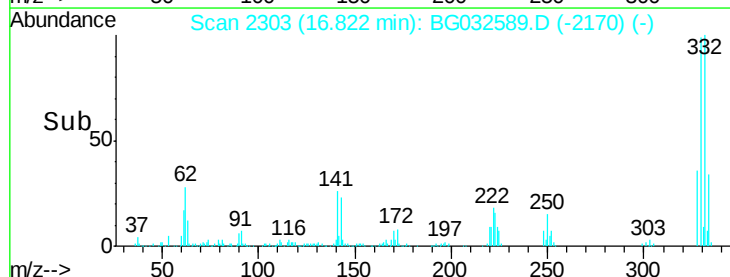
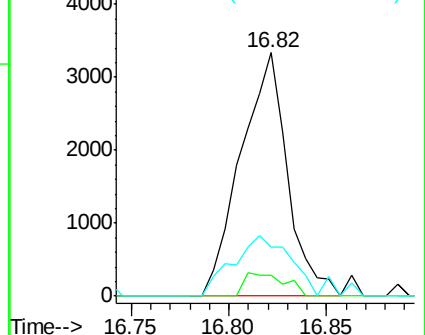
167 20.0 30.1 45.1#

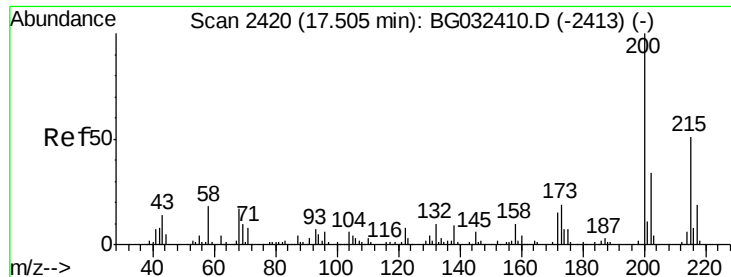


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#68

Atrazine

Concen: 0.029 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.10 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

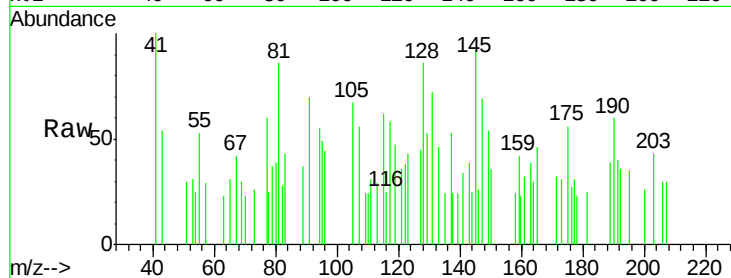
Tot Ion:200 Resp: 61

Ion Ratio Lower Upper

200 100

173 116.2 5.2 45.2#

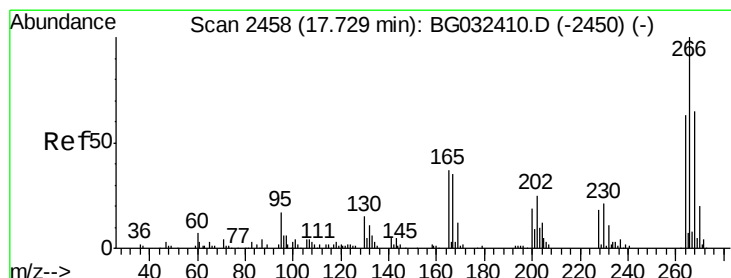
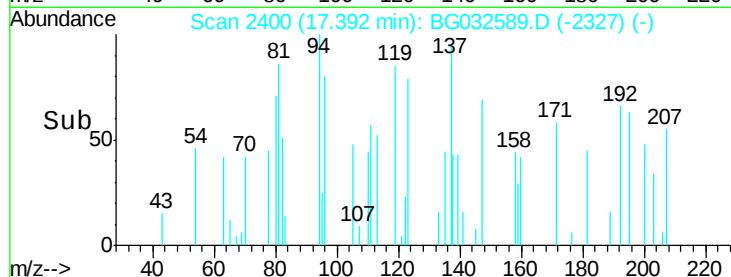
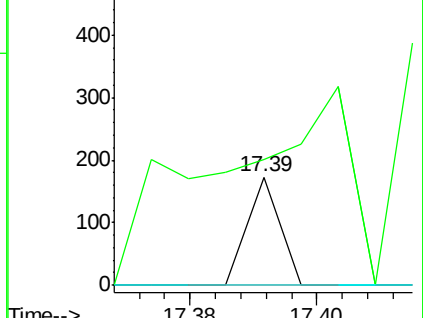
215 0.0 30.4 70.4#



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: 0.036 ng

RT: 17.37 min Scan# 2397

Delta R.T. -0.34 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

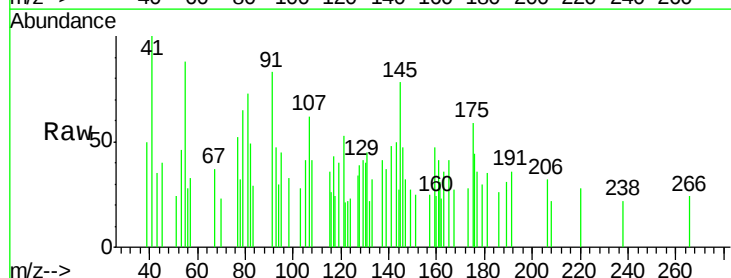
Tgt Ion:266 Resp: 61

Ion Ratio Lower Upper

266 100

268 0.0 51.1 76.7#

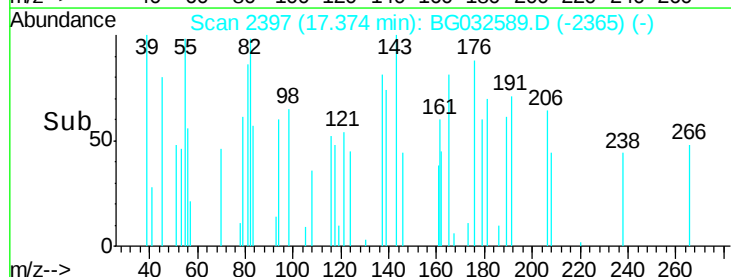
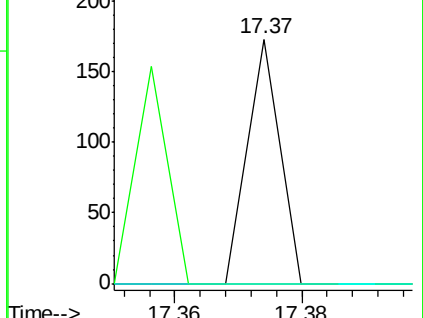
264 0.0 49.6 74.4#

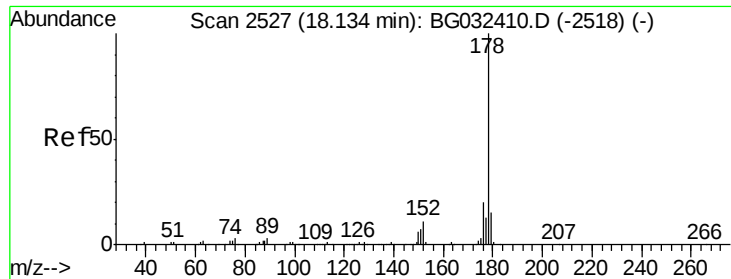


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

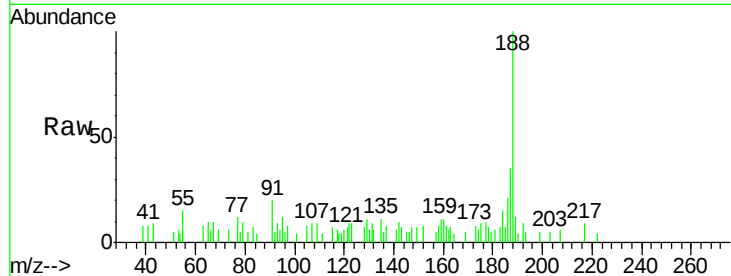




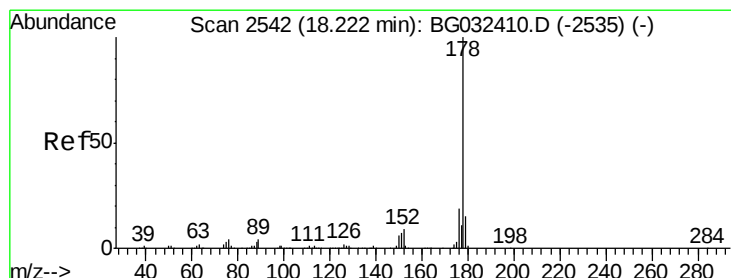
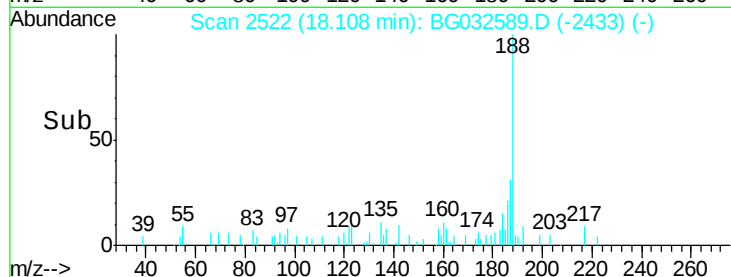
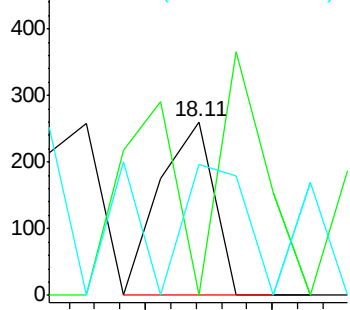
#70
Phenanthrene
Concen: 0.017 ng
RT: 18.11 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampled :
LW-04-B

Tot Ion:178 Resp: 154
Ion Ratio Lower Upper
178 100
176 0.0 15.7 23.5#
179 75.1 12.5 18.7#

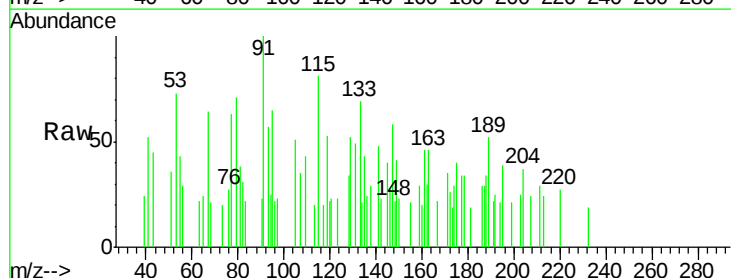


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

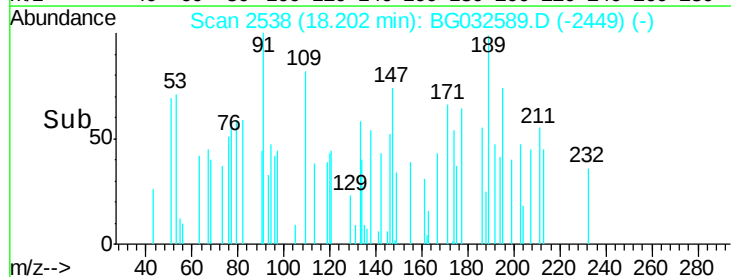
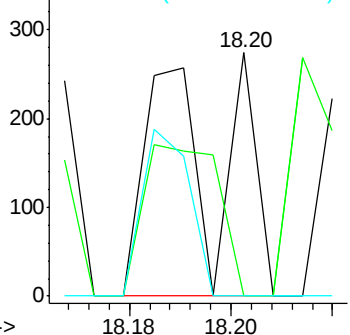


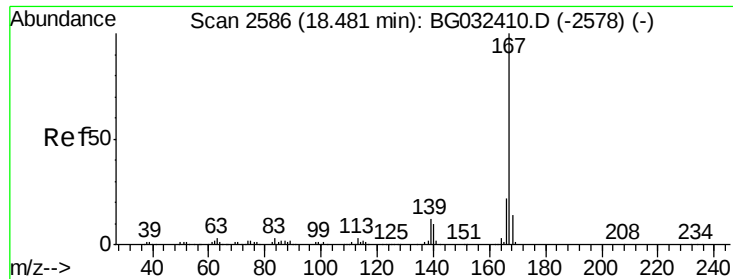
#71
Anthracene
Concen: 0.030 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:178 Resp: 275
Ion Ratio Lower Upper
178 100
176 0.0 16.0 24.0#
179 0.0 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.109 ng

RT: 18.48 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

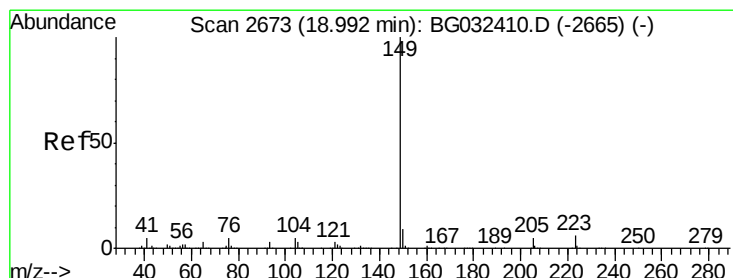
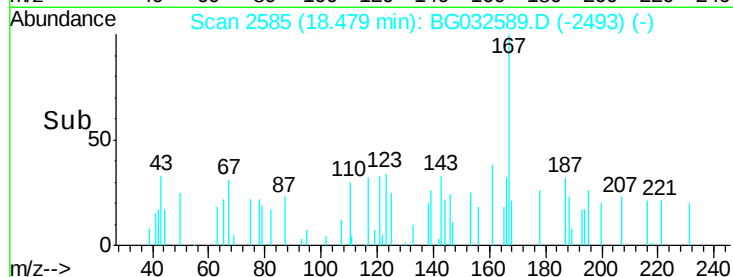
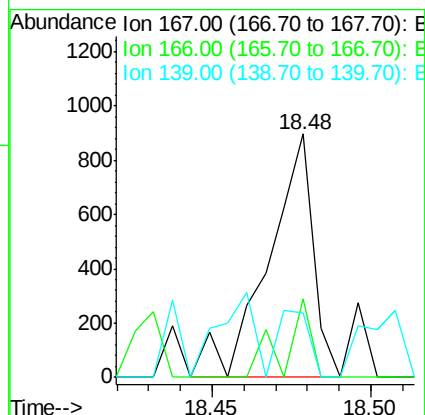
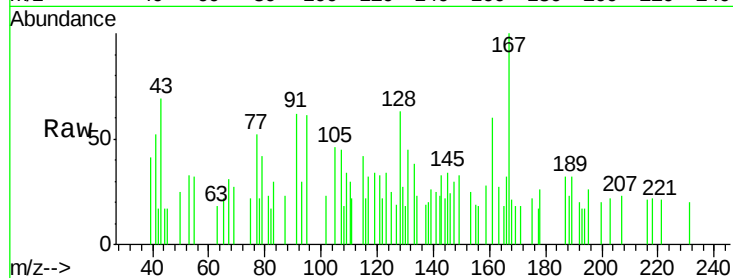
Tot Ion:167 Resp: 886

Ion Ratio Lower Upper

167 100

166 32.1 18.2 27.4#

139 26.2 9.4 14.2#



#73

Di-n-butylphthalate

Concen: 0.222 ng

RT: 18.97 min Scan# 2669

Delta R.T. -0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

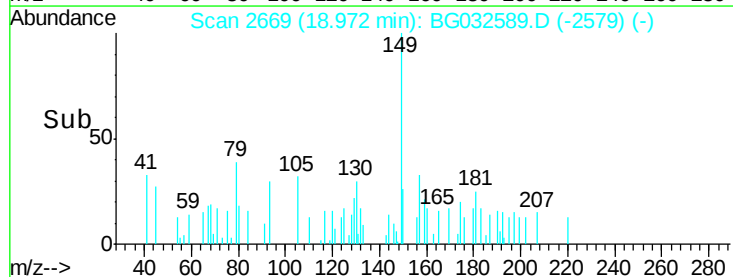
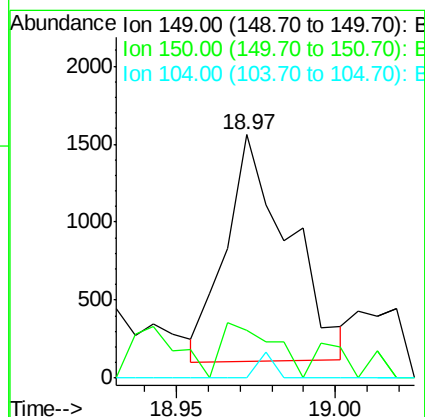
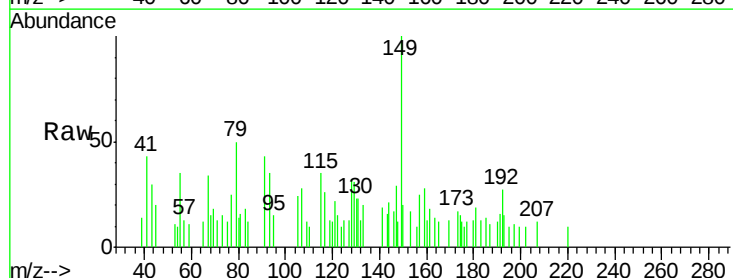
Tgt Ion:149 Resp: 1994

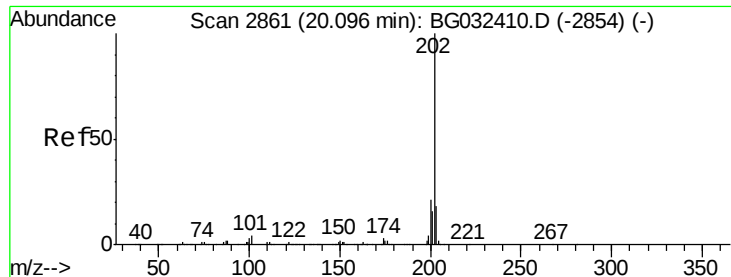
Ion Ratio Lower Upper

149 100

150 19.7 7.8 11.6#

104 0.0 3.9 5.9#





#74

Fluoranthene

Concen: 0.017 ng

RT: 20.09 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampled :

LW-04-B

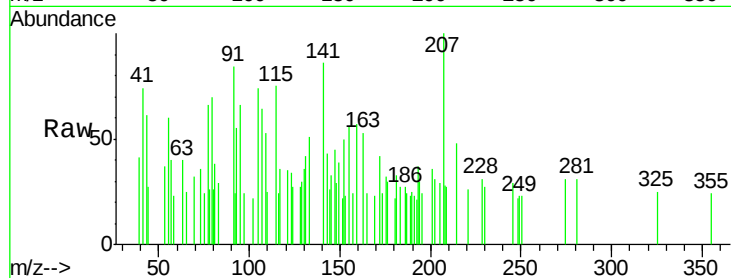
Tot Ion:202 Resp: 206

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.9

203 0.0 0.0 37.5

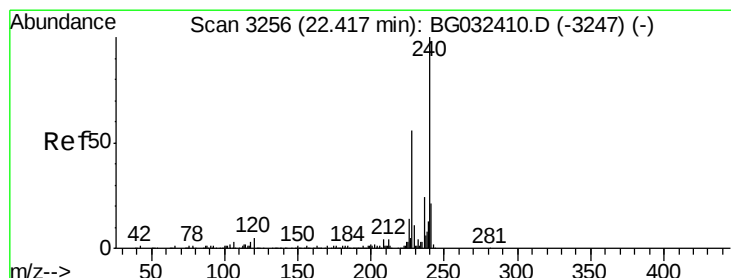
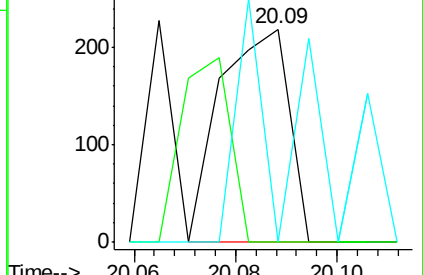
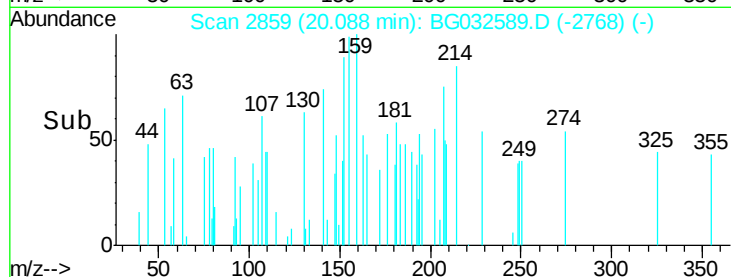


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

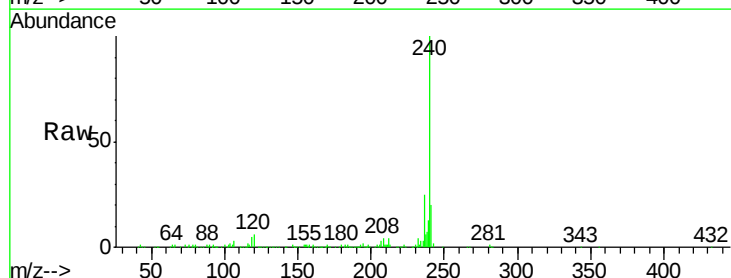
Tgt Ion:240 Resp: 204444

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

236 24.6 20.9 31.3

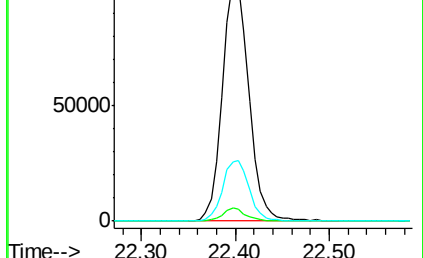
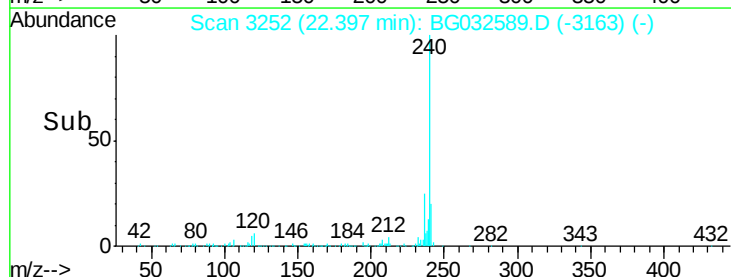


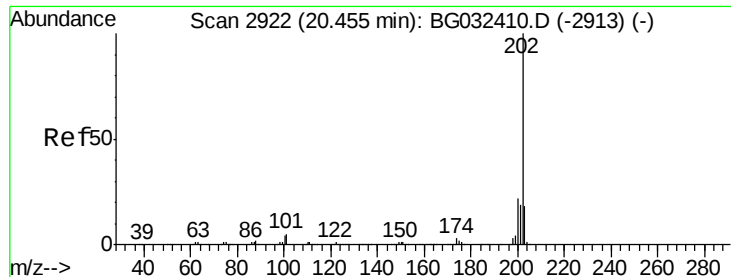
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#77

Pvrene

Concen: 0.010 ng

RT: 20.44 min Scan# 2918

Delta R.T. -0.01 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampled :

LW-04-B

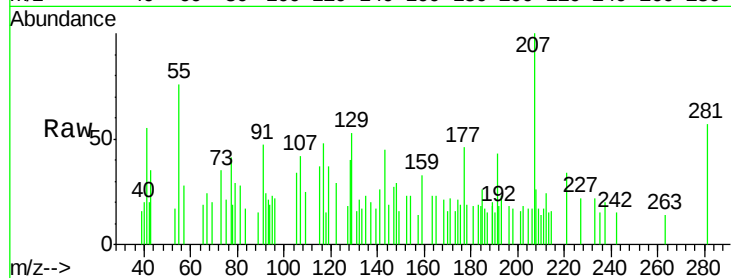
Tot Ion:202 Resp: 127

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

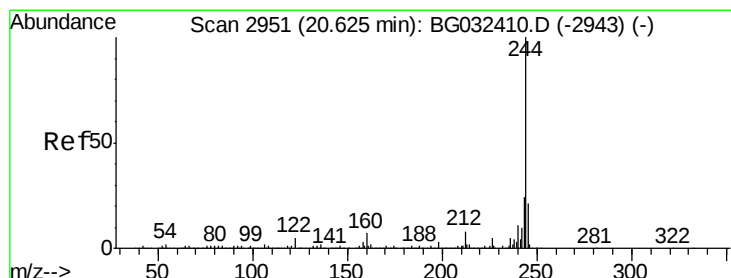
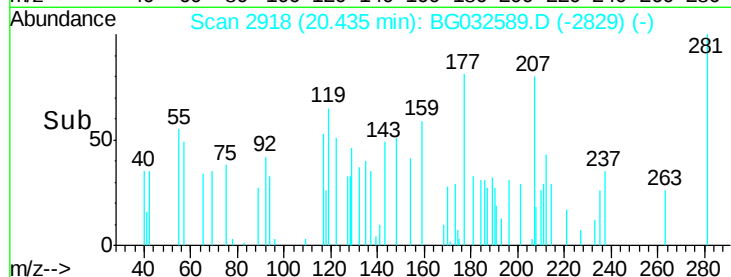
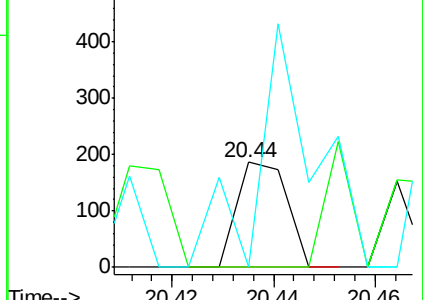
203 0.0 13.9 20.9#



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: 92.010 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

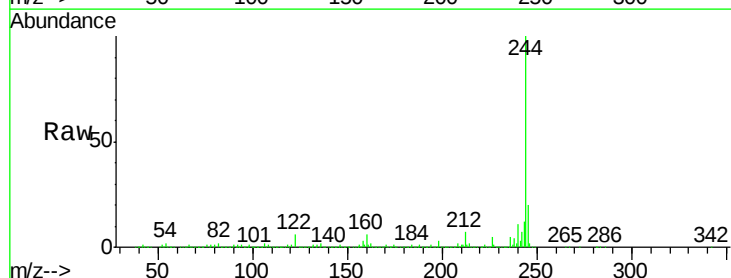
Tgt Ion:244 Resp: 878163

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

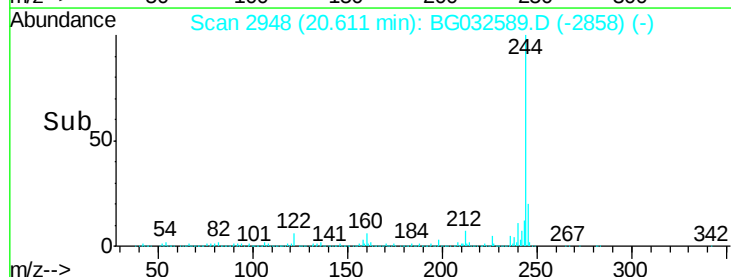
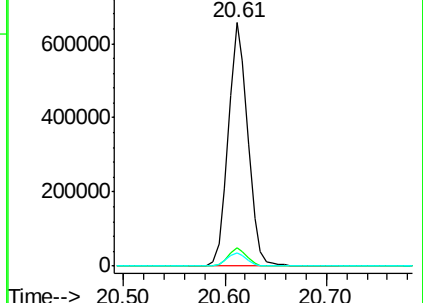
122 5.6 7.0 10.4#

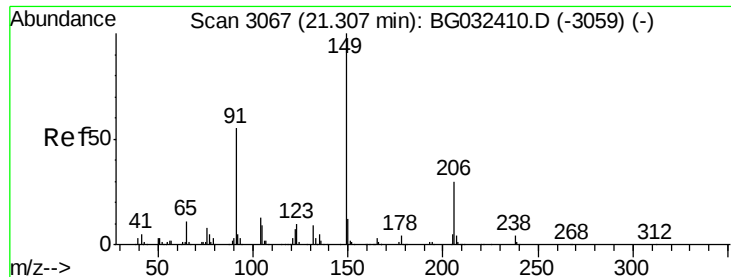


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

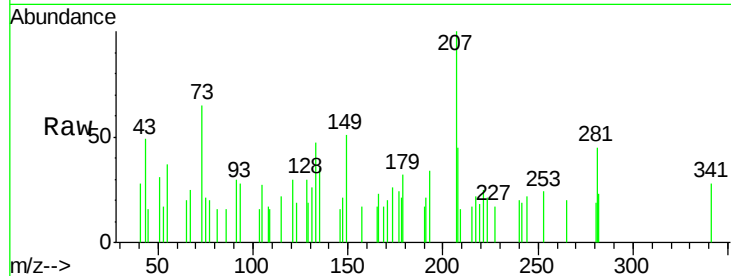




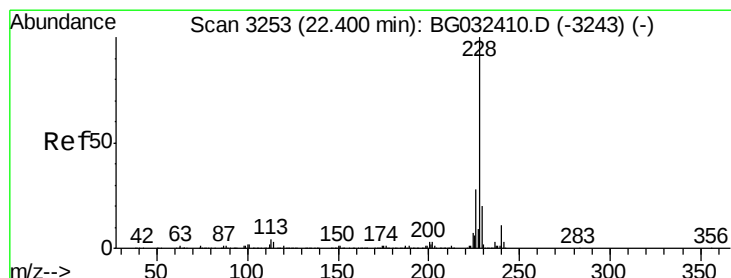
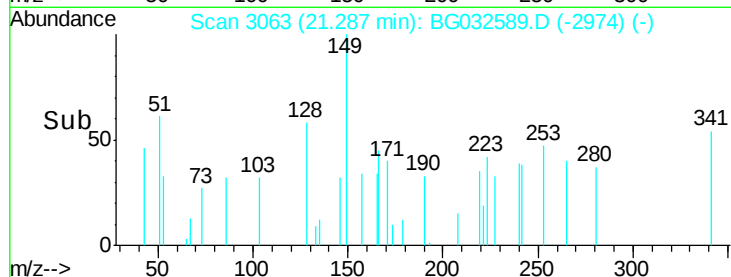
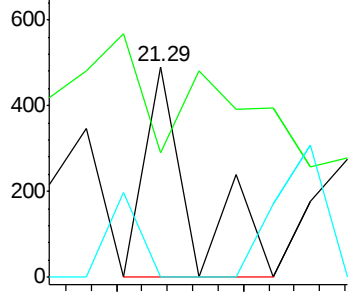
#79
Butylbenzylphthalate
Concen: 0.065 ng
RT: 21.29 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampled :
LW-04-B

Tot Ion:149 Resp: 258
Ion Ratio Lower Upper
149 100
91 59.1 62.2 93.2#
206 0.0 18.6 27.8#

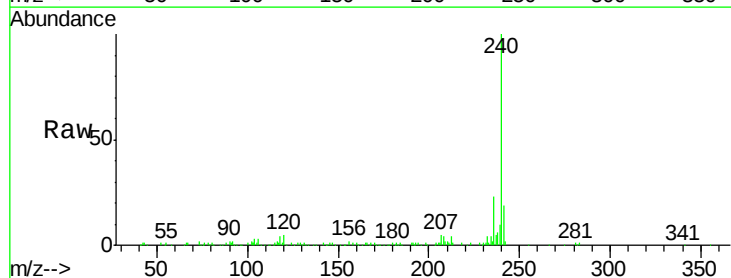


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

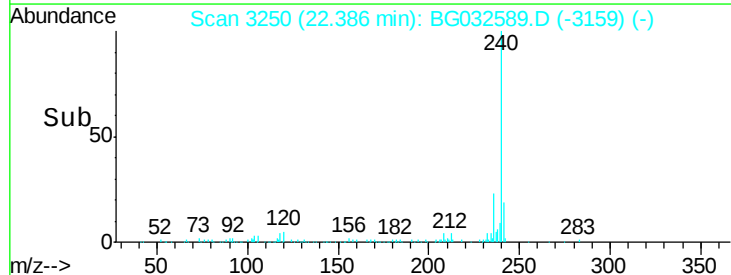
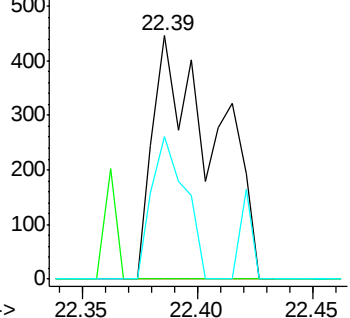


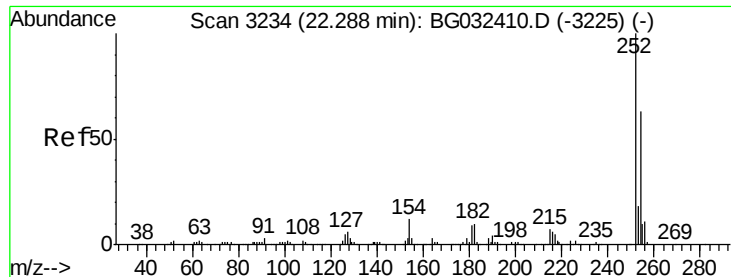
#80
Benzo(a)anthracene
Concen: 0.065 ng
RT: 22.39 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:228 Resp: 824
Ion Ratio Lower Upper
228 100
226 0.0 22.7 34.1#
229 58.3 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: 22.25 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

Instrument :

BNA_G

ClientSampleId :

LW-04-B

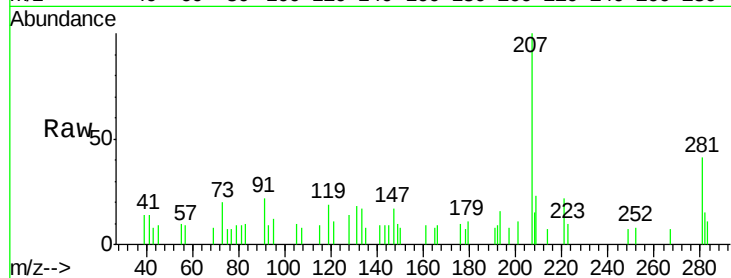
Tot Ion:252 Resp: 58

Ion Ratio Lower Upper

252 100

254 0.0 50.8 76.2#

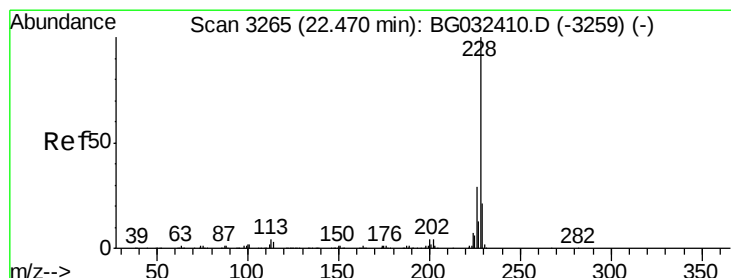
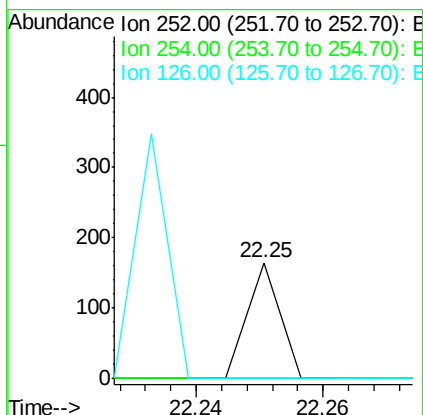
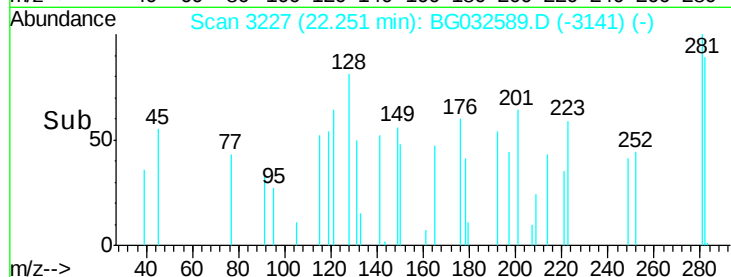
126 0.0 7.4 11.2#



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: 0.067 ng

RT: 22.39 min Scan# 3250

Delta R.T. -0.07 min

Lab File: BG032589.D

Acq: 7 Feb 2018 8:04

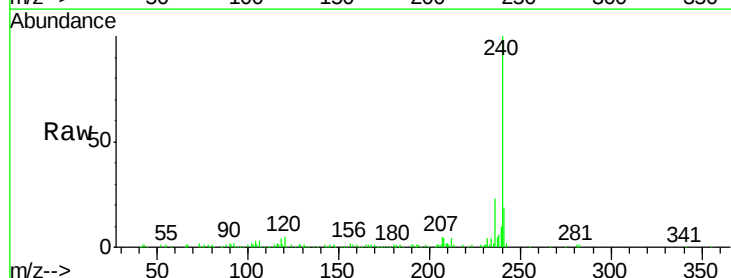
Tgt Ion:228 Resp: 824

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

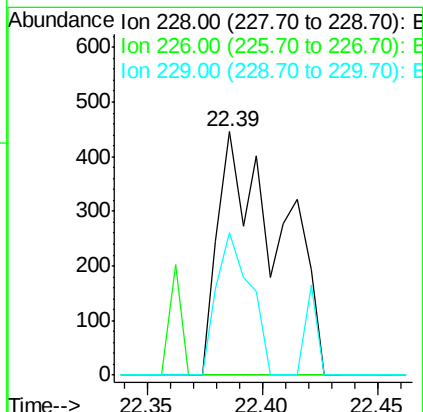
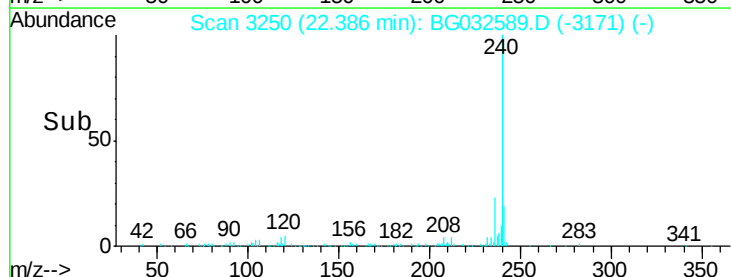
229 58.3 15.0 22.4#

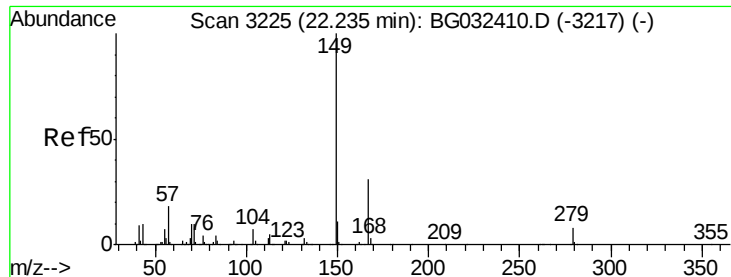


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

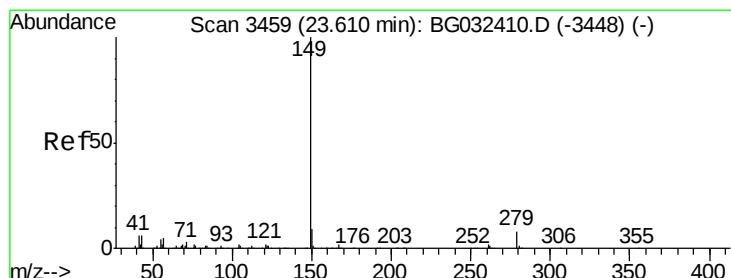
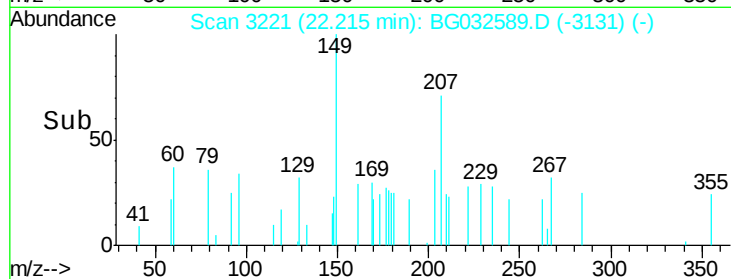
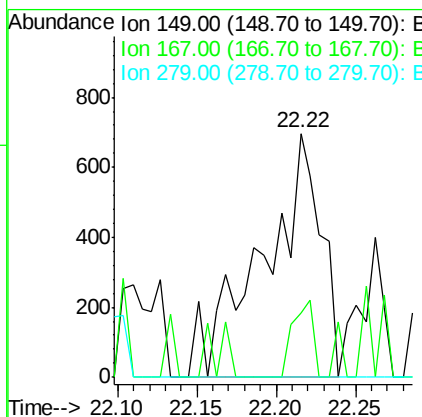
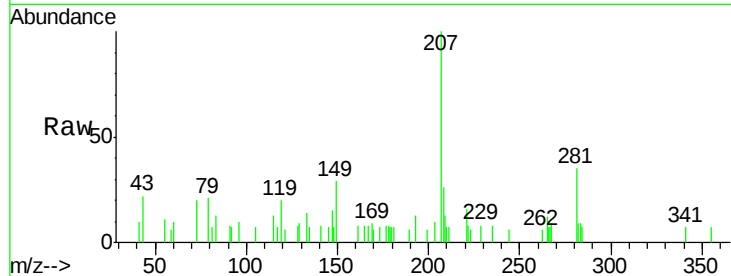




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.316 ng
 RT: 22.22 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: BG032589.D
 Acq: 7 Feb 2018 8:04

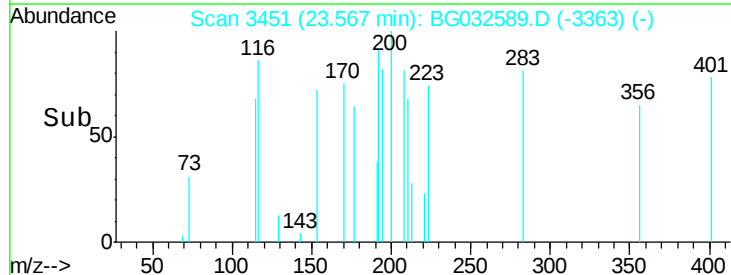
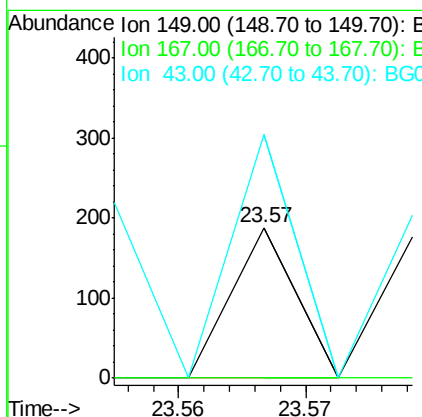
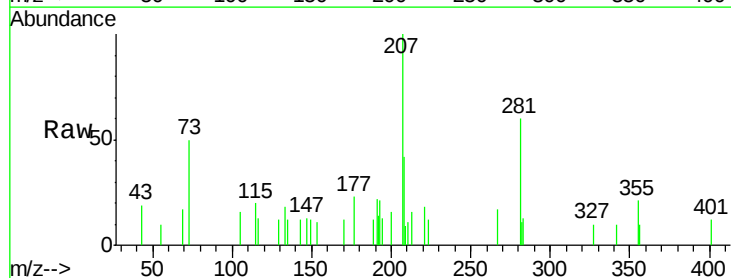
Instrument :
 BNA_G
 ClientSampleId :
 LW-04-B

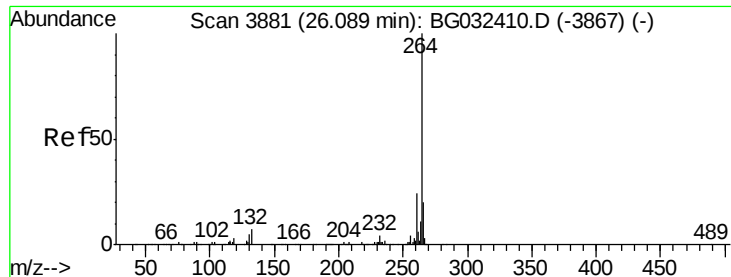
Tot Ion:149 Resp: 1770
 Ion Ratio Lower Upper
 149 100
 167 26.6 24.3 36.5
 279 0.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 0.007 ng
 RT: 23.57 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BG032589.D
 Acq: 7 Feb 2018 8:04

Tgt Ion:149 Resp: 66
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 271.2 8.9 13.3#

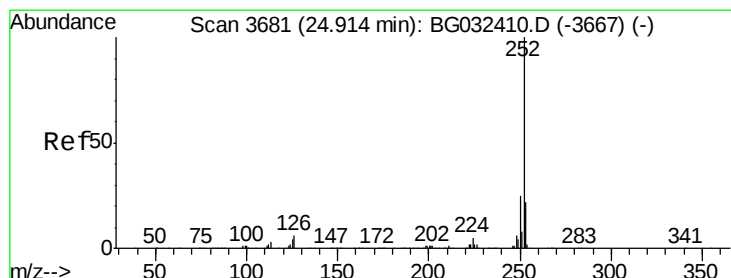
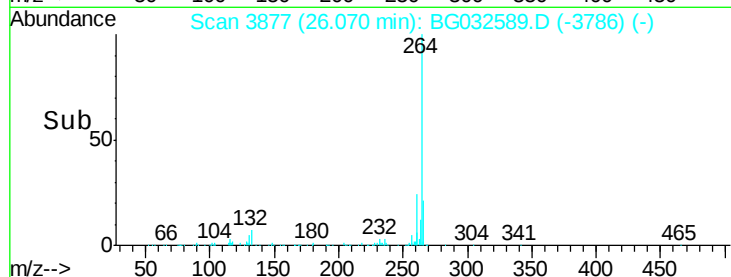
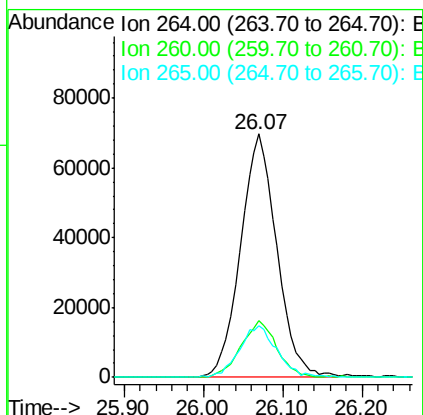
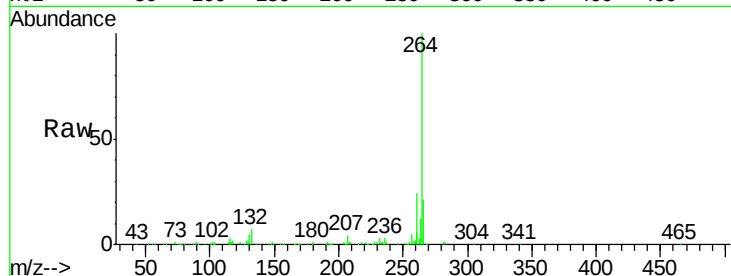




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3877
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

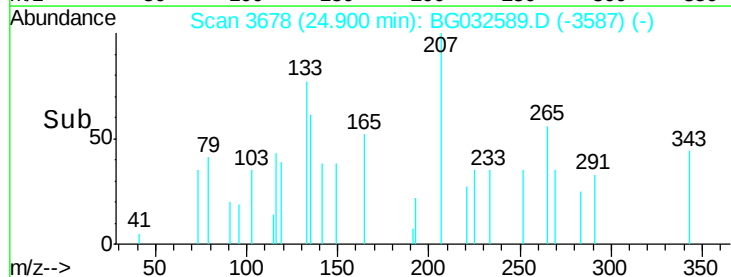
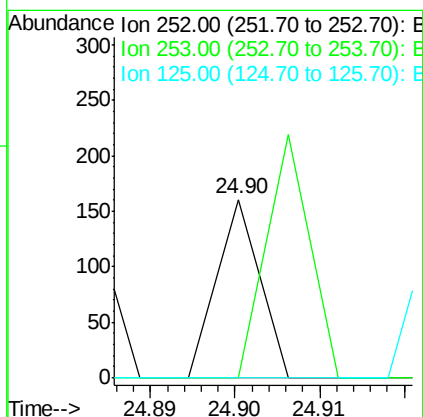
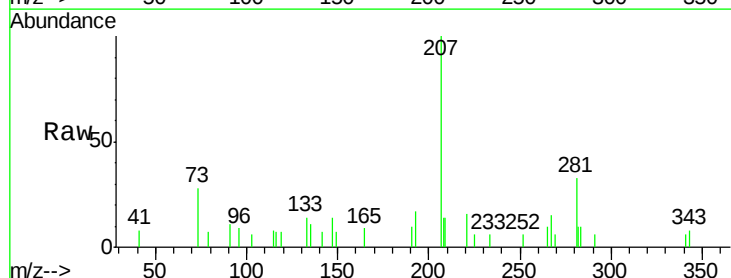
Instrument :
BNA_G
ClientSampleId :
LW-04-B

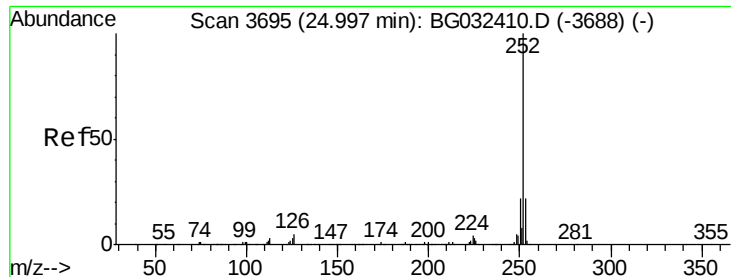
Tot Ion:264 Resp: 221102
Ion Ratio Lower Upper
264 100
260 23.5 17.4 26.0
265 21.2 17.7 26.5



#87
Benzo(b)fluoranthene
Concen: 0.004 ng
RT: 24.90 min Scan# 3678
Delta R.T. 0.00 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt Ion:252 Resp: 57
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 7.2 10.8#

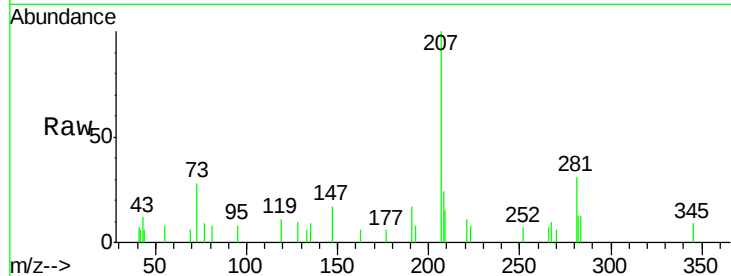




#88
Benzo(k)fluoranthene
Concen: 0.005 ng
RT: 24.98 min Scan# 3692
Delta R.T. 0.01 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Instrument :
BNA_G
ClientSampleId :
LW-04-B

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

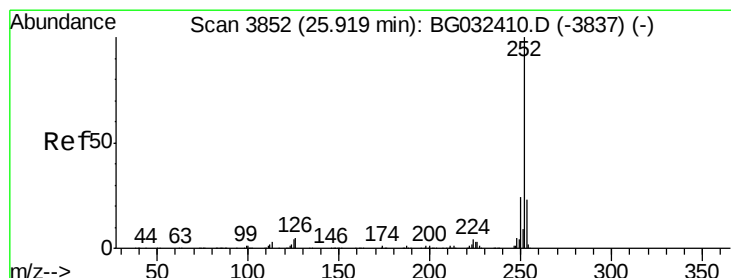
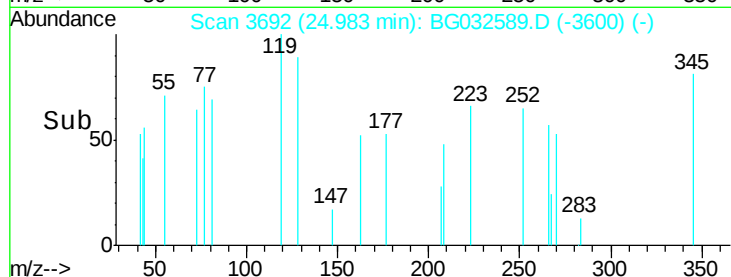
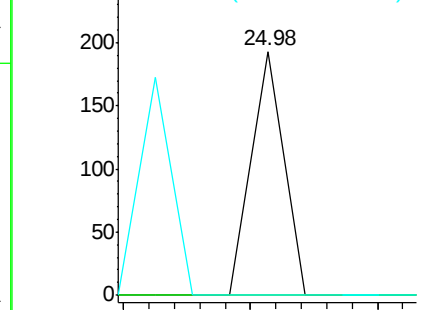


Abundance

Ion 252.00 (251.70 to 252.70): E

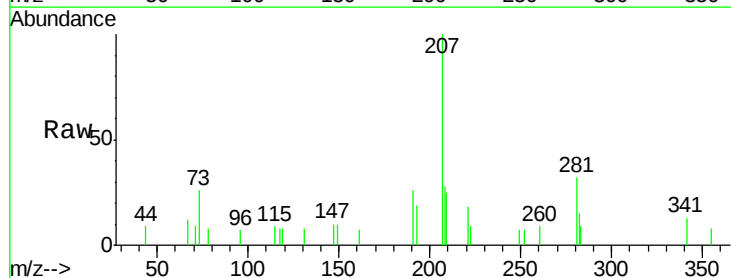
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.004 ng
RT: 25.95 min Scan# 3857
Delta R.T. 0.05 min
Lab File: BG032589.D
Acq: 7 Feb 2018 8:04

Tgt 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

