

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038796.D
 Acq On : 21 Dec 2018 21:25
 Operator : JU/SJ
 Sample : J6492-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GW

Quant Time: Dec 22 01:14:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25324	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	112636	20.00	ng	0.03
39) Acenaphthene-d10	14.70	164	70261	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	156524	20.00	ng	0.00
76) Chrysene-d12	21.73	240	150556	20.00	ng	0.00
87) Perylene-d12	25.04	264	162164	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	59072	41.37	ng	0.01
7) Phenol-d6	7.22	99	50430	25.73	ng	0.01
23) Nitrobenzene-d5	9.24	82	123677	56.09	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	98566	101.79	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	321316	62.74	ng	0.00
79) Terphenyl-d14	20.05	244	417305	60.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	1637	2.463	ng	# 50
3) Pyridine	3.91	79	12305	6.726	ng	# 86
6) Aniline	7.39	93	36406	14.550	ng	# 95
9) Benzaldehyde	7.19	77	14143	11.123	ng	# 1
10) Phenol	7.25	94	52038	24.990	ng	# 89
17) 2-Methylphenol	8.51	107	48384	34.680	ng	# 97
18) Hexachloroethane	9.17	117	9758	13.346	ng	# 1
19) n-Nitroso-di-n-propylamine	9.24	70	17144	12.453	ng	# 67
20) 3+4-Methylphenols	8.84	107	97084	50.386	ng	# 98
22) Acetophenone	8.90	105	17624	6.264	ng	# 96
24) Nitrobenzene	9.42	77	51141	22.929	ng	# 45
27) 2,4-Dimethylphenol	10.07	122	319125	195.057	ng	# 99
28) bis(2-Chloroethoxy)methane	10.32	93	8018	3.587	ng	# 1
31) Naphthalene	11.02	128	11022329	1986.123	ng	# 32
32) Benzoic acid	10.34	122	58555	54.579	ng	# 24
33) 4-Chloroaniline	11.02	127	3423665	1420.956	ng	# 35
36) 4-Chloro-3-methylphenol	12.22	107	10678	5.141	ng	# 22
37) 2-Methylnaphthalene	12.54	142	683279	172.580	ng	# 98
38) 1-Methylnaphthalene	12.76	142	705027	183.509	ng	# 100
46) 1,1'-Biphenyl	13.53	154	209211	35.519	ng	# 100
48) 2-Nitroaniline	13.84	65	7409	5.112	ng	# 26
49) Acenaphthylene	14.43	152	18146	2.668	ng	# 66
50) Dimethylphthalate	14.15	163	40077	6.985	ng	# 99
52) Acenaphthene	14.77	154	317625	78.094	ng	# 99
54) 2,4-Dinitrophenol	14.99	184	2718	8.467	ng	# 1
55) Dibenzofuran	15.10	168	471057	67.565	ng	# 97
56) 4-Nitrophenol	14.97	139	13888	13.812	ng	# 29
58) Fluorene	15.75	166	265906	51.479	ng	# 98
66) n-Nitrosodiphenylamine	15.48	169	9315	2.025	ng	# 94
67) 4-Bromophenyl-phenylether	16.19	248	6424	3.361	ng	# 1
71) Phenanthrene	17.50	178	463625	57.119	ng	# 99
72) Anthracene	17.59	178	47112	5.879	ng	# 96
73) Carbazole	17.86	167	393111	49.606	ng	# 99
75) Fluoranthene	19.52	202	56800	5.656	ng	# 95

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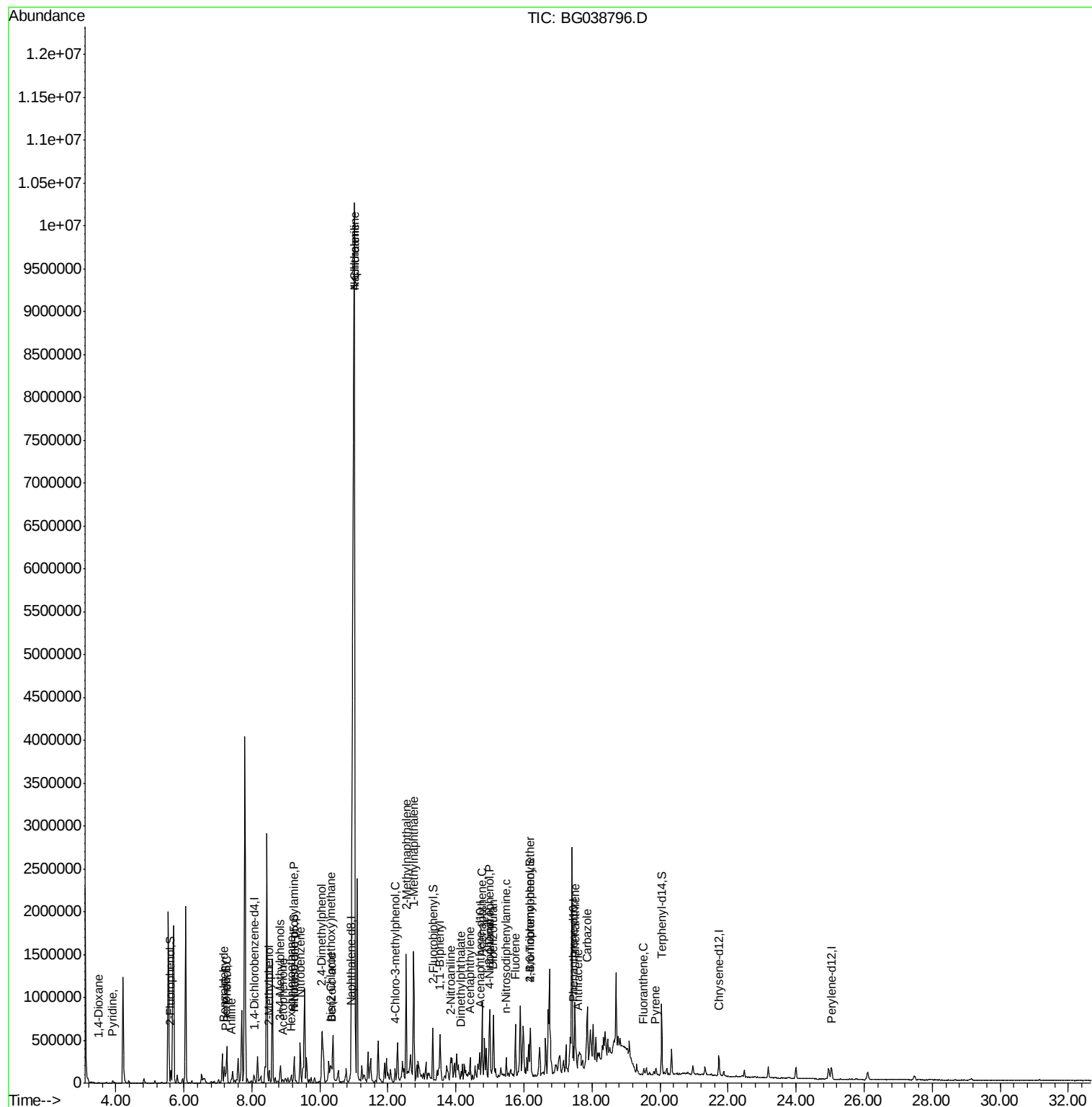
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Pyrene	19.87	202	39370	3.958	ng	97

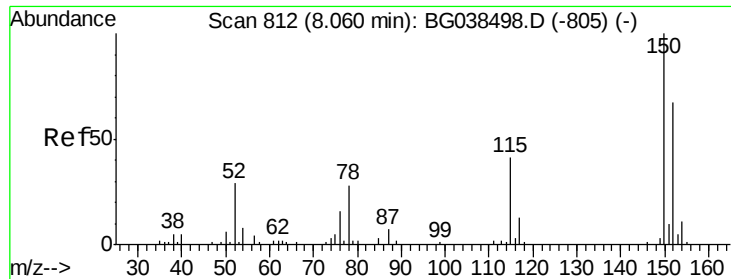
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GW

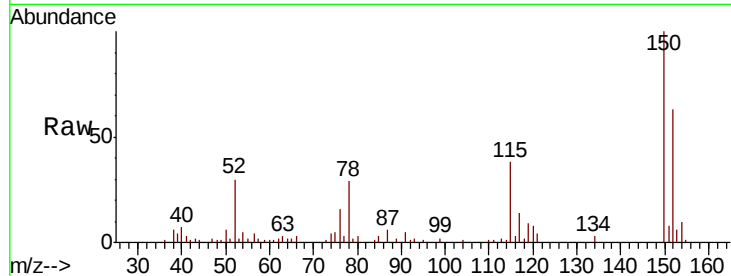
Tgt Ion:152 Resp: 25324

Ion Ratio Lower Upper

152 100

150 159.5 119.5 179.3

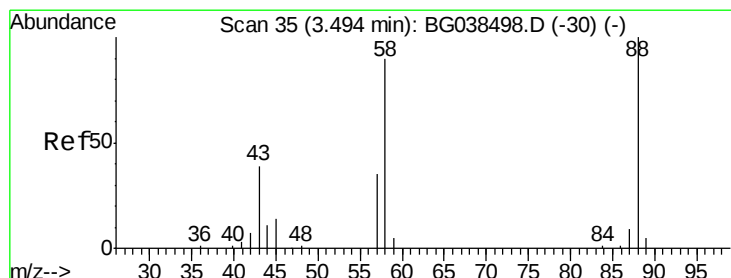
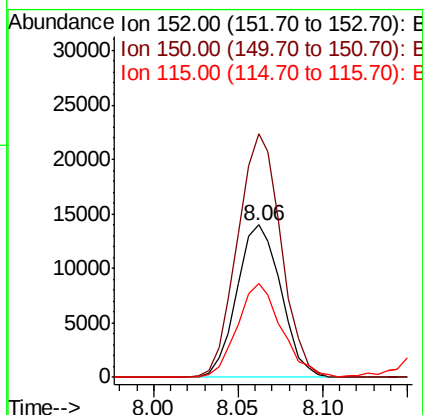
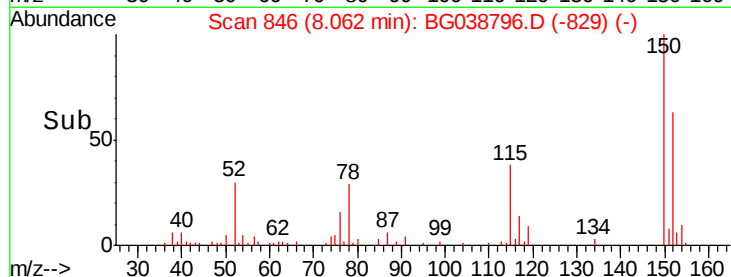
115 61.4 49.6 74.4



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: 2.463 ng

RT: 3.50 min Scan# 69

Delta R.T. 0.00 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

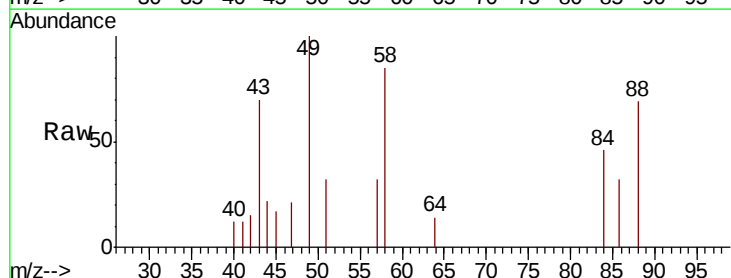
Tgt Ion: 88 Resp: 1637

Ion Ratio Lower Upper

88 100

58 146.5 75.7 113.5#

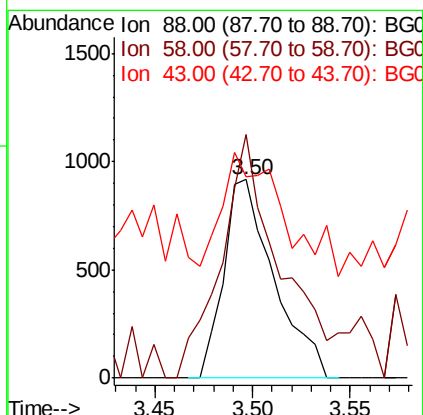
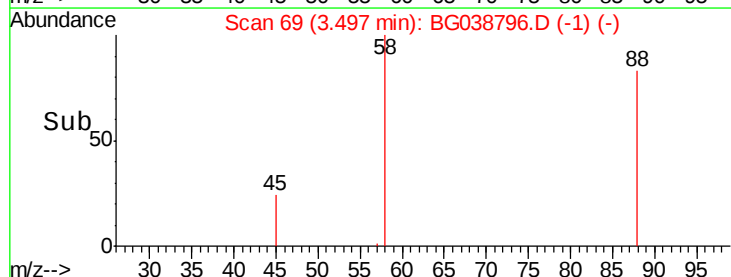
43 65.1 31.6 47.4#

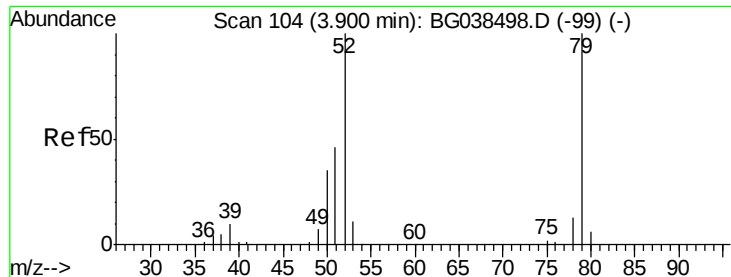


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 6.726 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GW

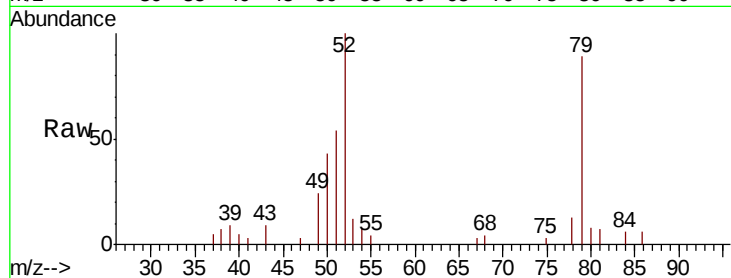
Tgt Ion: 79 Resp: 12305

Ion Ratio Lower Upper

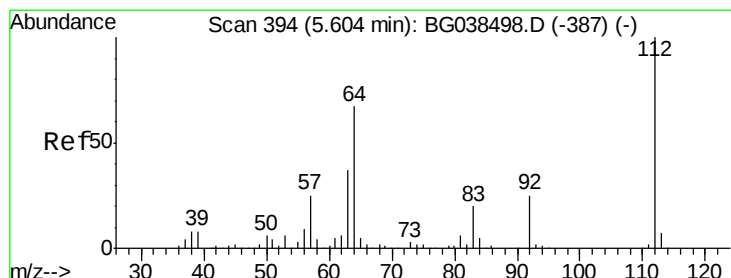
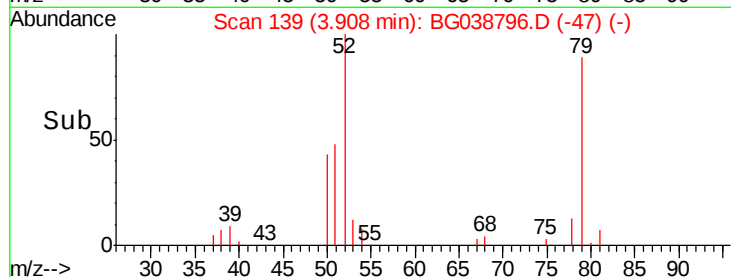
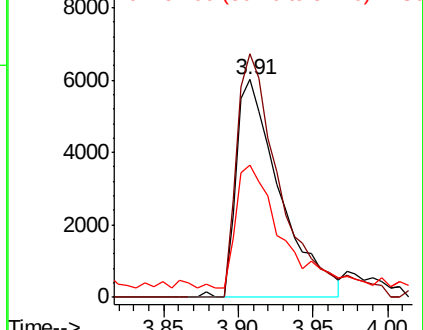
79 100

52 111.8 80.2 120.2

51 60.6 38.0 57.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#5

2-Fluorophenol

Concen: 41.373 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

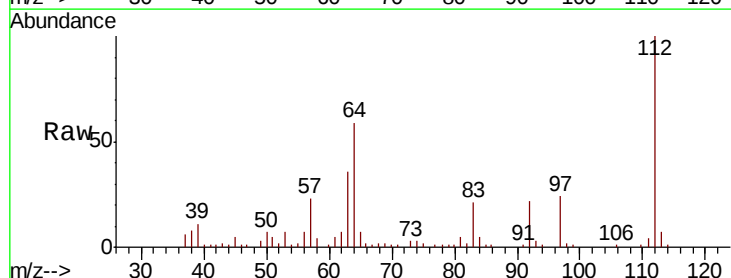
Tgt Ion: 112 Resp: 59072

Ion Ratio Lower Upper

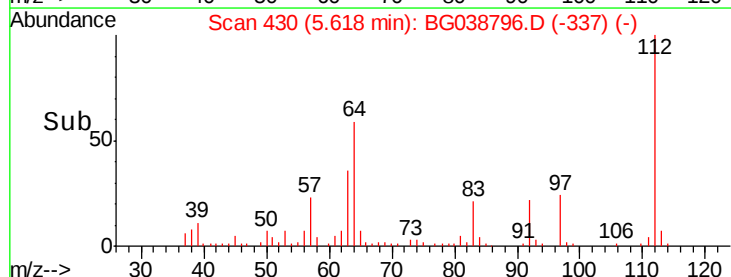
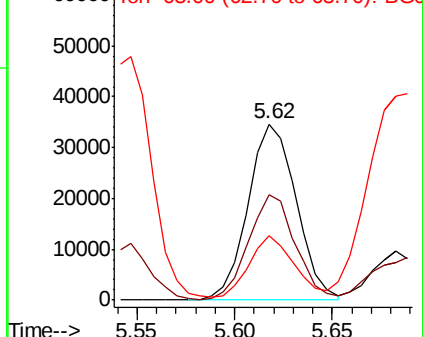
112 100

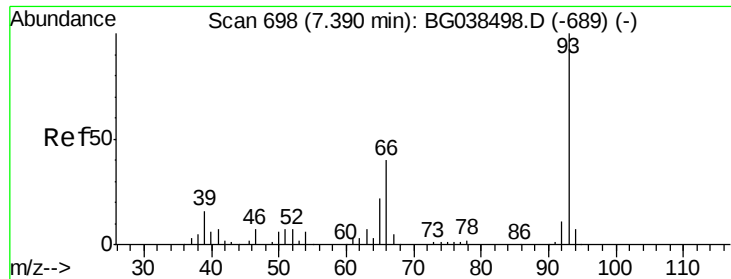
64 59.5 53.4 80.2

63 36.4 29.3 43.9



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





#6

Aniline

Concen: 14.550 ng

RT: 7.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

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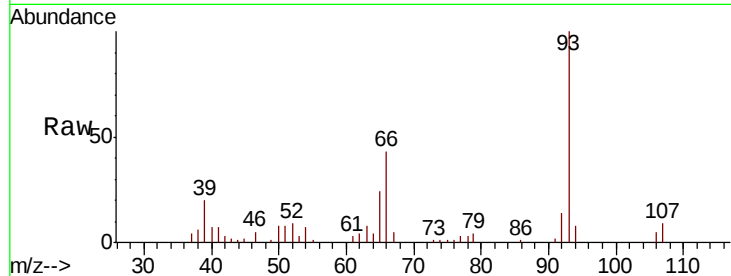
Tgt Ion: 93 Resp: 36406

Ion Ratio Lower Upper

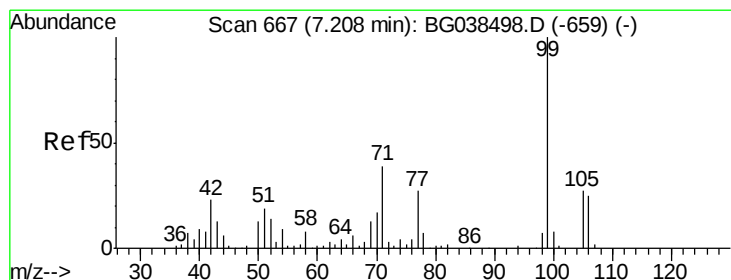
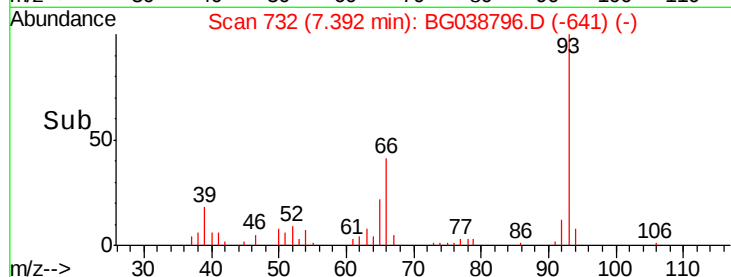
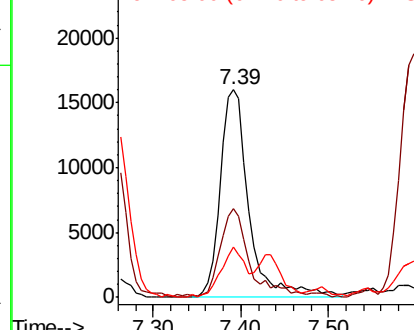
93 100

66 43.1 31.7 47.5

65 24.0 17.8 26.6



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: 25.729 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

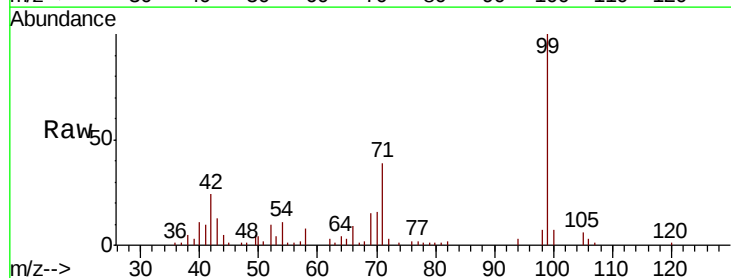
Tgt Ion: 99 Resp: 50430

Ion Ratio Lower Upper

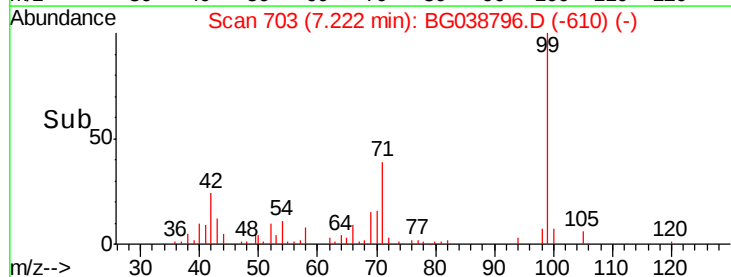
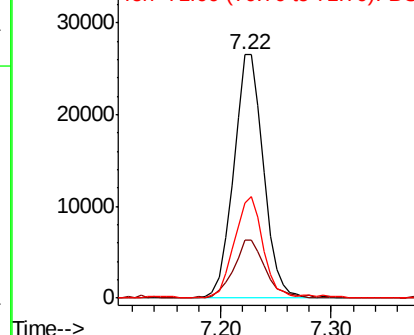
99 100

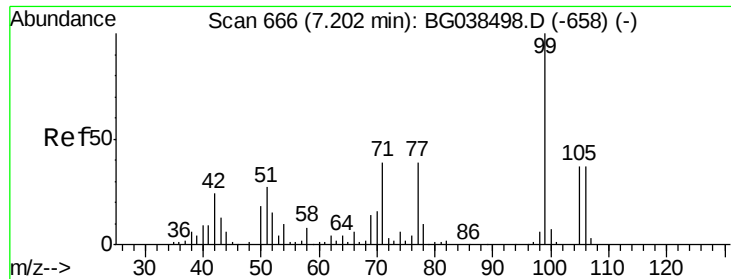
42 23.6 18.5 27.7

71 39.1 31.1 46.7



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





#9

Benzaldehyde

Concen: 11.123 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Instrument :

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ClientSampleId :

QNWP8-MW26S-GW

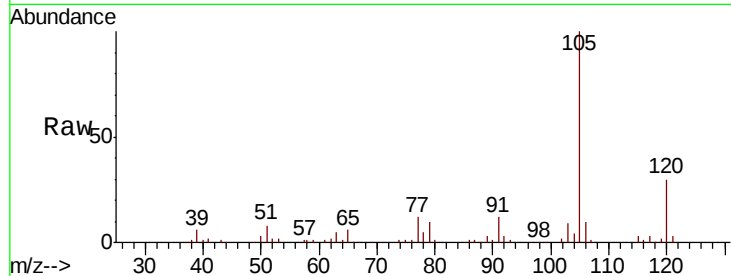
Tgt Ion: 77 Resp: 14143

Ion Ratio Lower Upper

77 100

105 806.6 74.0 114.0#

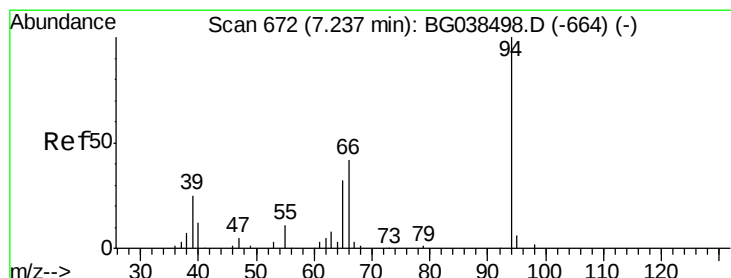
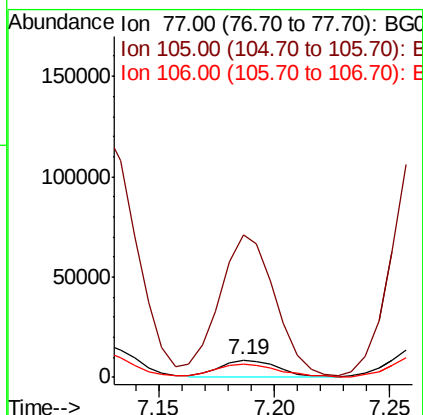
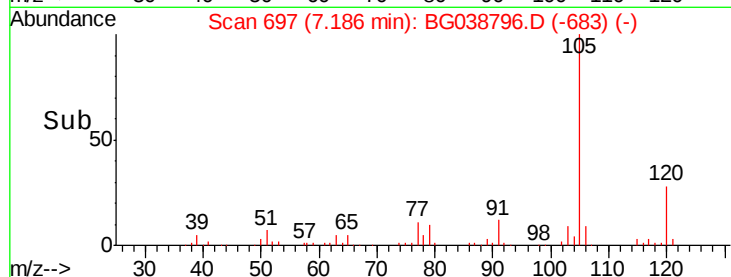
106 78.0 73.9 113.9



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 24.990 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

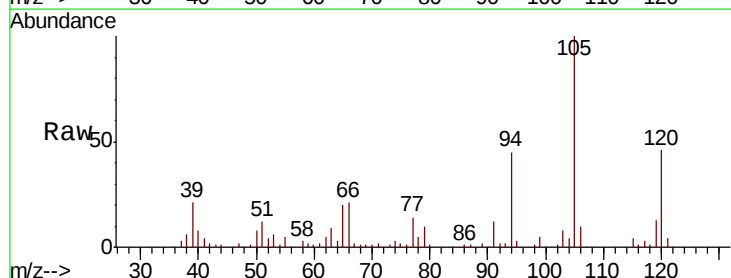
Tgt Ion: 94 Resp: 52038

Ion Ratio Lower Upper

94 100

65 45.4 12.6 52.6

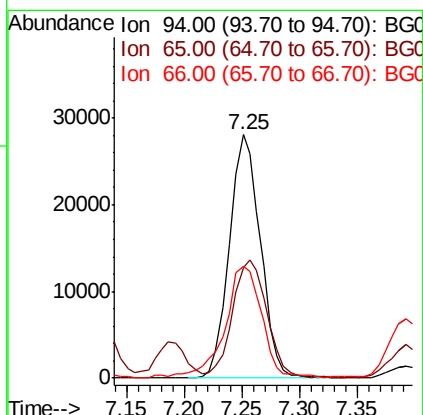
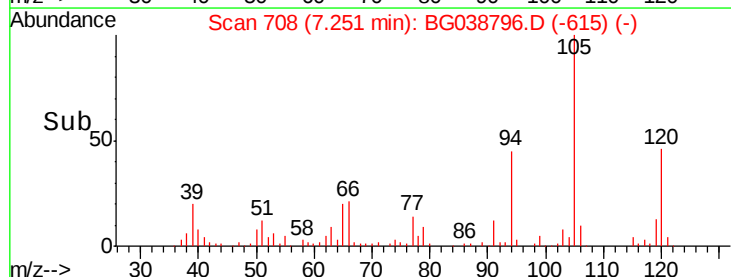
66 46.1 24.1 64.1

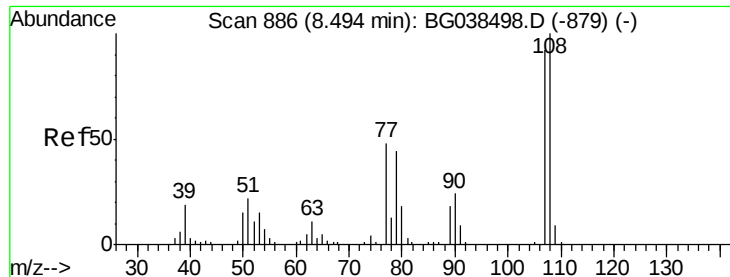


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#17

2-Methylphenol

Concen: 34.680 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.01 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

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Tgt Ion:107 Resp: 48384

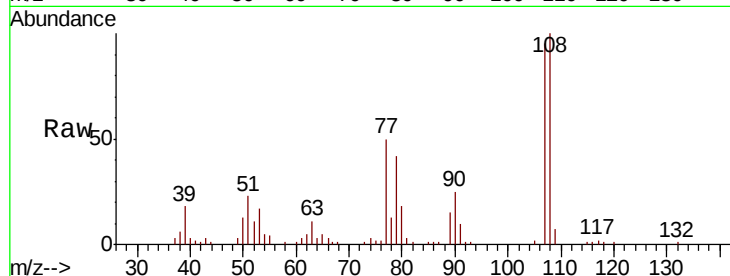
Ion Ratio Lower Upper

107 100

108 104.9 87.1 130.7

77 52.2 42.0 63.0

79 44.4 38.2 57.2



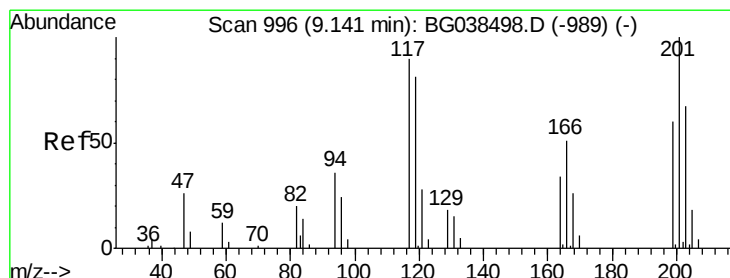
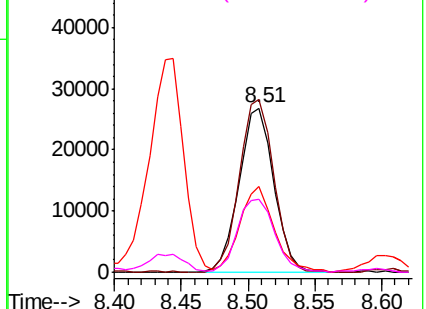
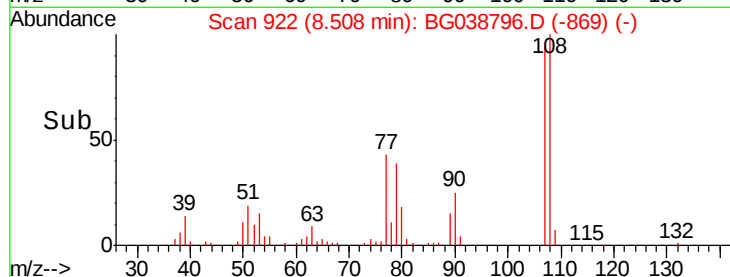
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 13.346 ng

RT: 9.17 min Scan# 1034

Delta R.T. 0.03 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

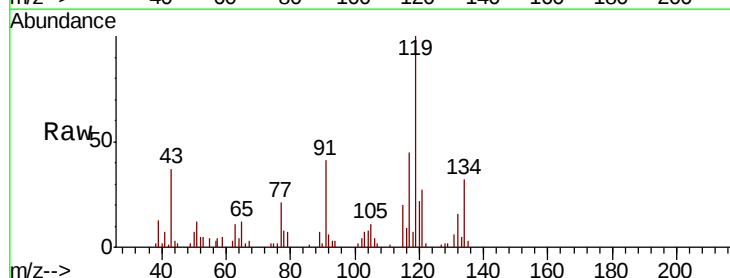
Tgt Ion:117 Resp: 9758

Ion Ratio Lower Upper

117 100

119 221.8 73.8 110.8#

201 0.0 89.4 134.0#

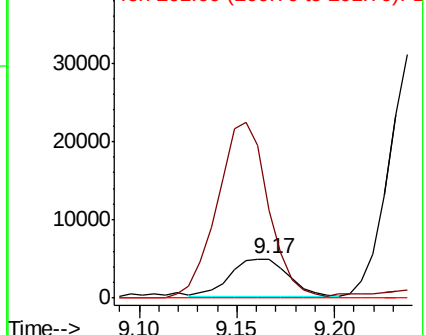
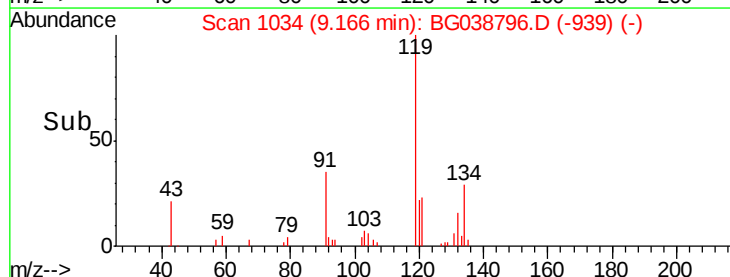


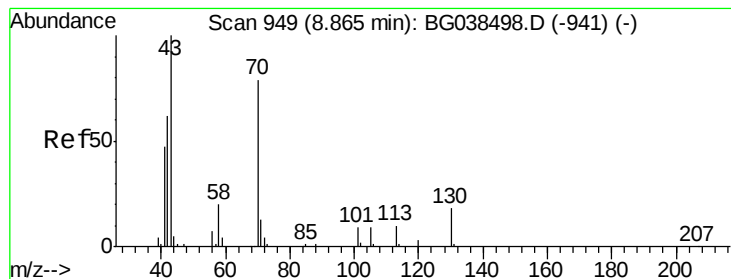
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 12.453 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.38 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion: 70 Resp: 17144

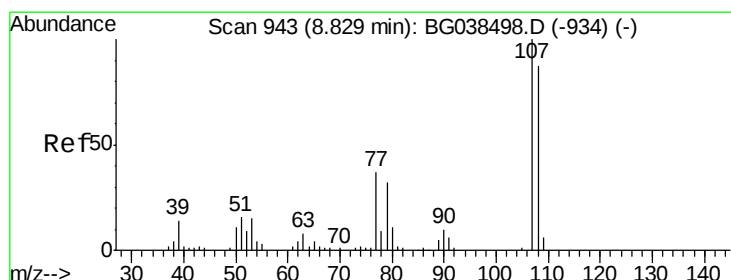
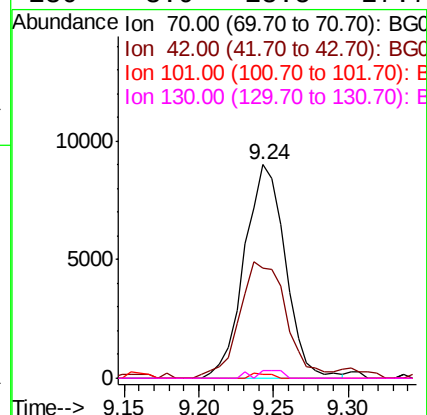
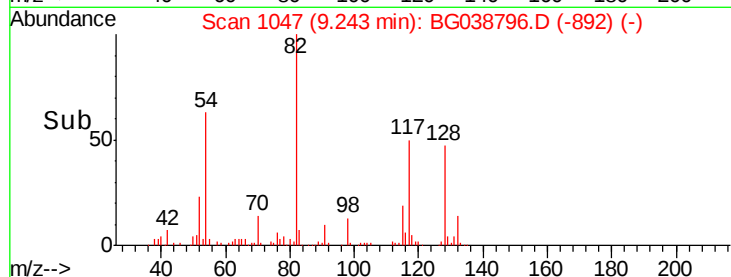
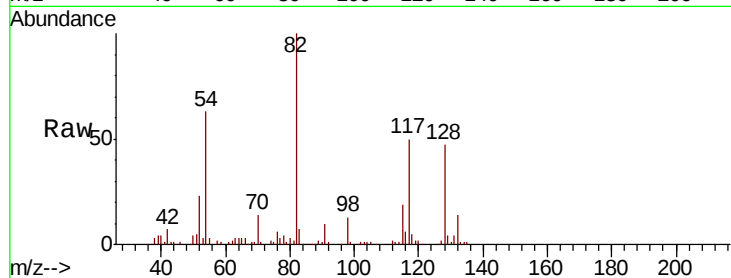
Ion Ratio Lower Upper

70 100

42 51.4 63.6 95.4#

101 2.0 9.2 13.8#

130 3.9 18.5 27.7#



#20

3+4-Methylphenols

Concen: 50.386 ng

RT: 8.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Tgt Ion: 107 Resp: 97084

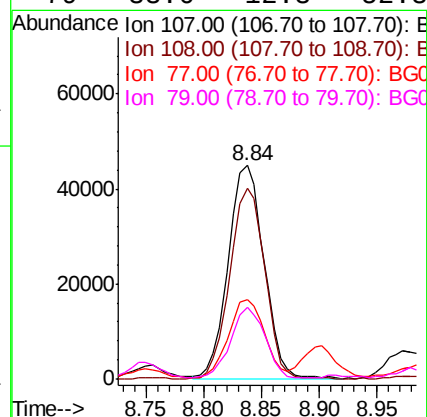
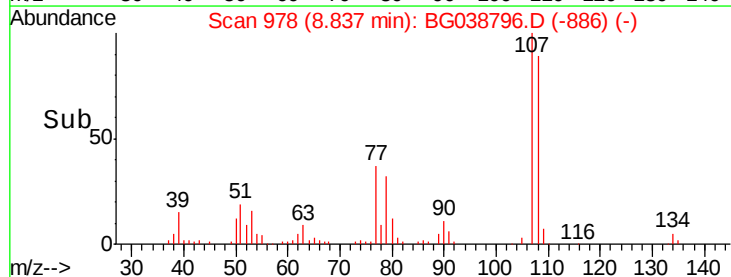
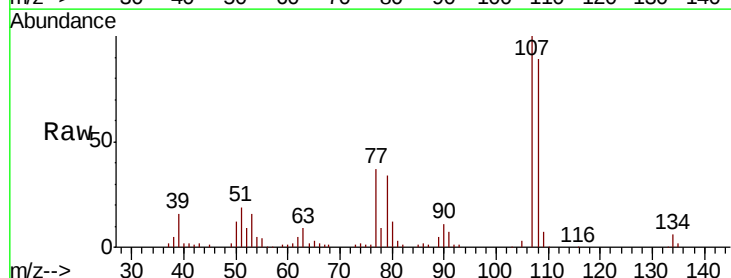
Ion Ratio Lower Upper

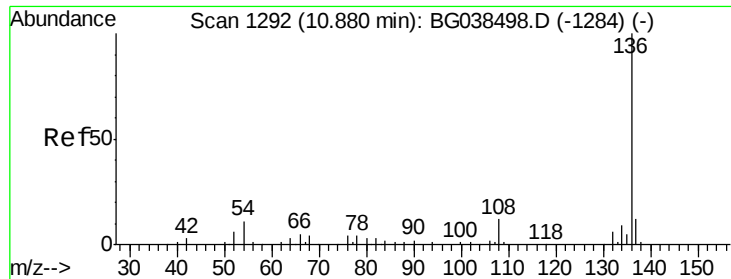
107 100

108 89.3 66.7 106.7

77 37.3 17.3 57.3

79 33.6 12.3 52.3

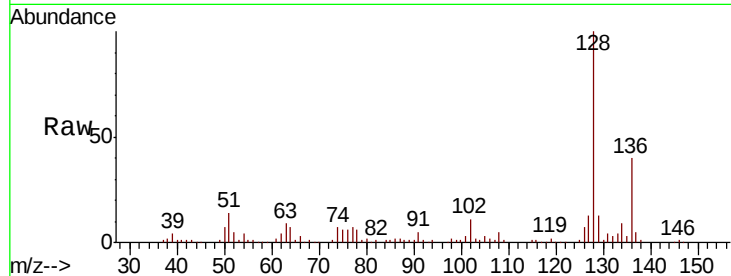




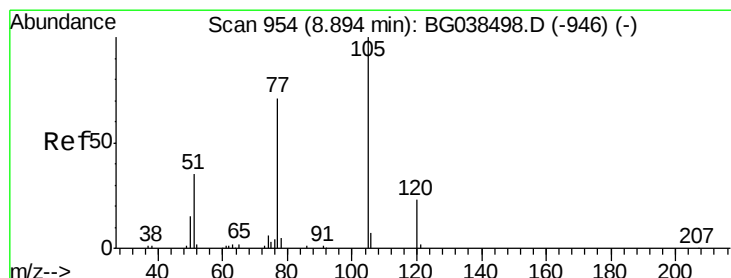
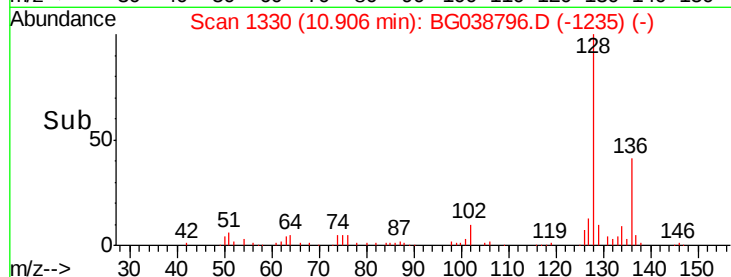
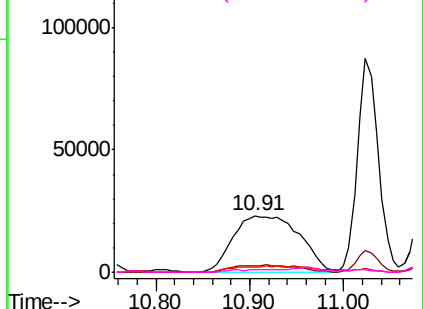
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1330
Delta R.T. 0.03 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:	136	Resp:	112636
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.6	8.5	12.7
68	3.7	3.5	5.3

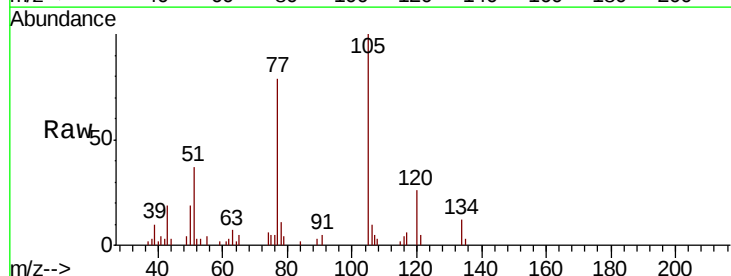


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

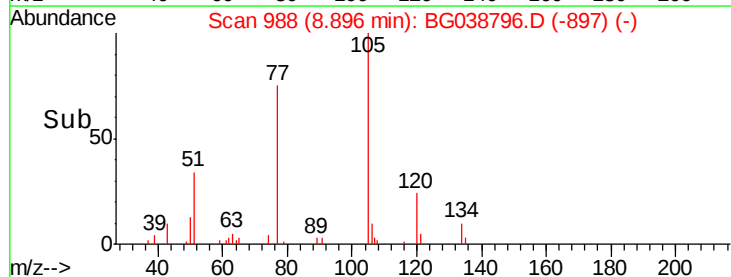
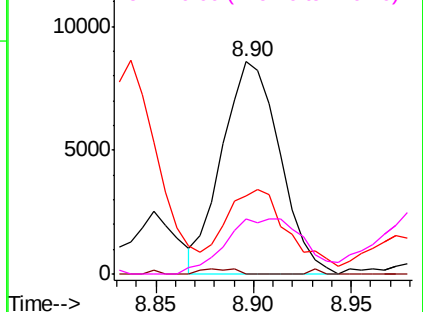


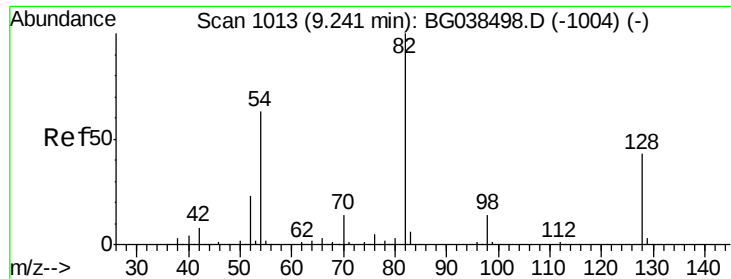
#22
Acetophenone
Concen: 6.264 ng
RT: 8.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Tgt Ion:	105	Resp:	17624
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	36.7	30.6	46.0
120	25.7	18.6	28.0



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

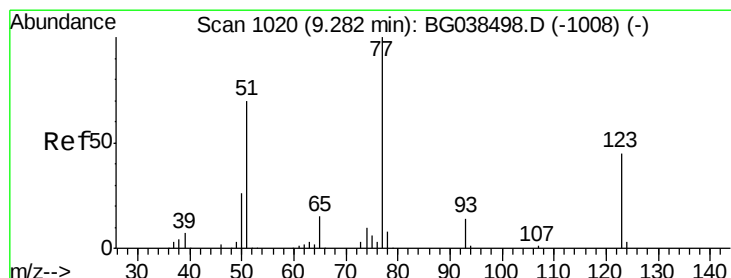
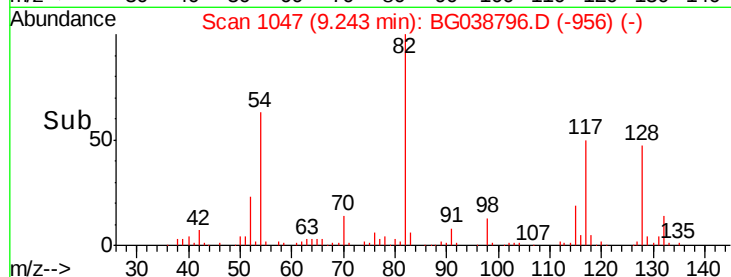
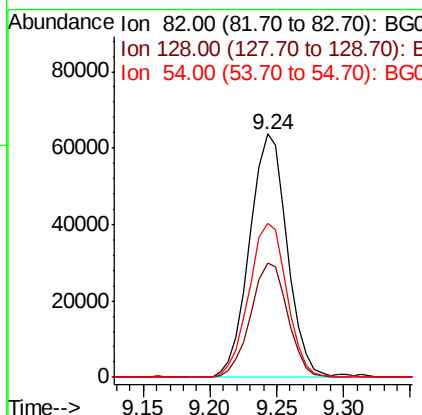
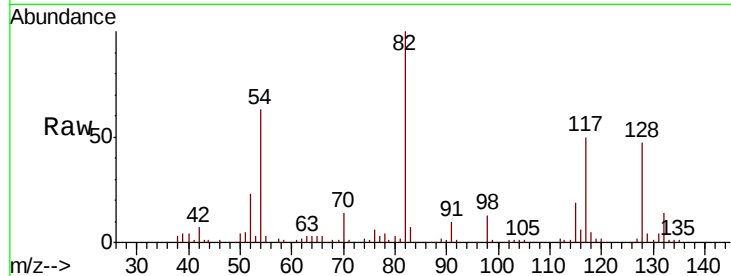




#23
 Nitrobenzene-d5
 Concen: 56.095 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

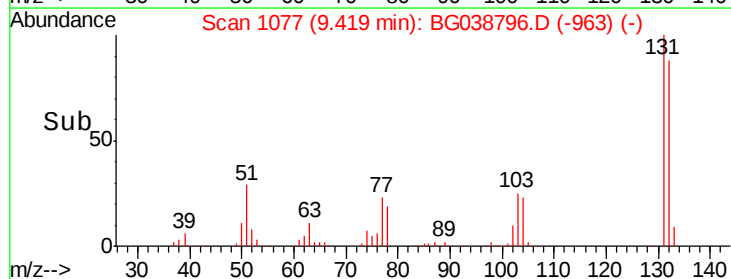
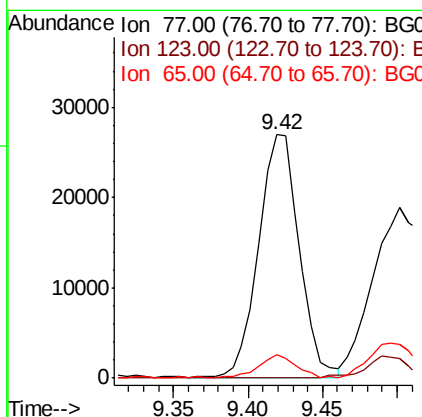
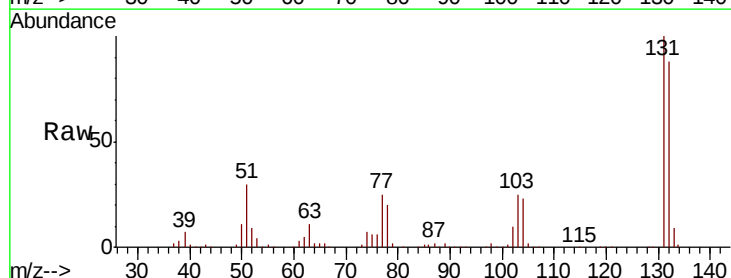
Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GW

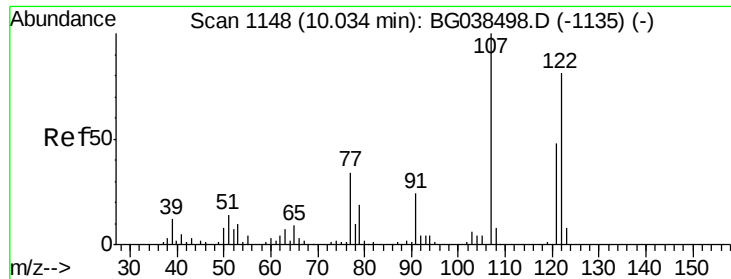
Tgt Ion: 82 Resp: 123677
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.6 52.0
 54 63.5 50.6 76.0



#24
 Nitrobenzene
 Concen: 22.929 ng
 RT: 9.42 min Scan# 1077
 Delta R.T. 0.14 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

Tgt Ion: 77 Resp: 51141
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.9 53.9#
 65 9.6 12.0 18.0#

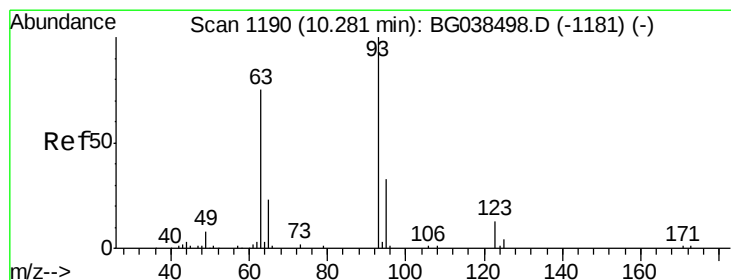
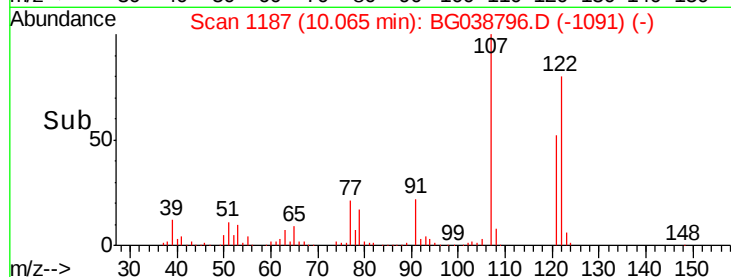
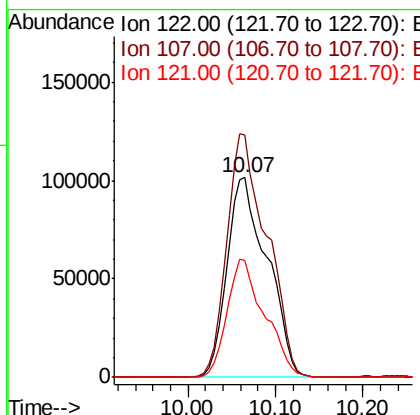
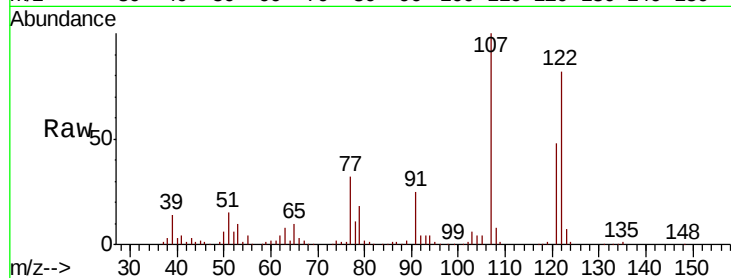




#27
 2,4-Dimethylphenol
 Concen: 195.057 ng
 RT: 10.07 min Scan# 1187
 Delta R.T. 0.03 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

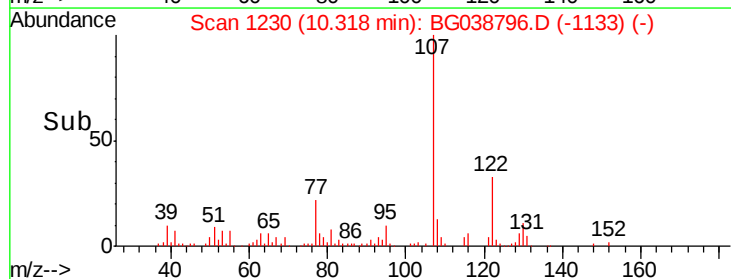
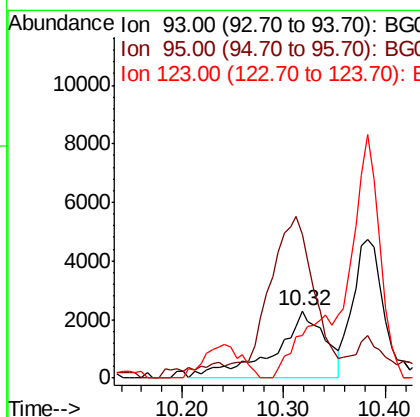
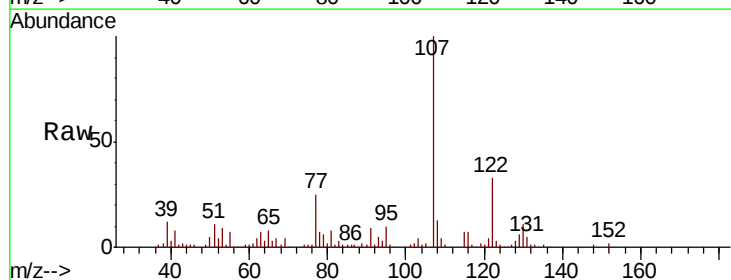
Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GW

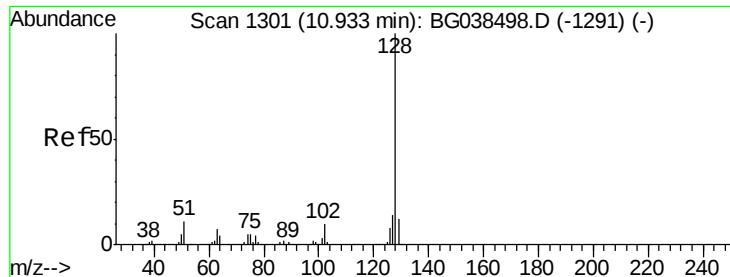
Tgt Ion:122 Resp: 319125
 Ion Ratio Lower Upper
 122 100
 107 121.4 98.4 147.6
 121 58.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.587 ng
 RT: 10.32 min Scan# 1230
 Delta R.T. 0.04 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

Tgt Ion: 93 Resp: 8018
 Ion Ratio Lower Upper
 93 100
 95 212.3 26.6 40.0#
 123 63.1 10.6 16.0#





#31

Naphthalene

Concen: 1986.123 ng

RT: 11.02 min Scan# 1349

Delta R.T. 0.08 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GW

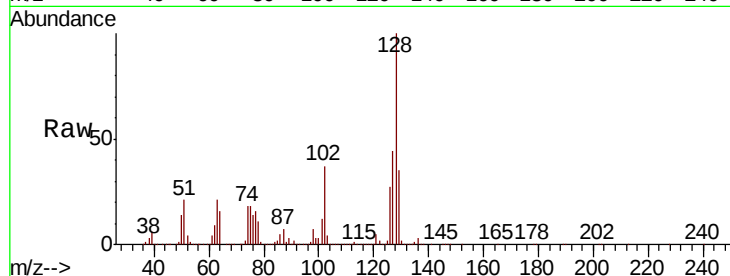
Tgt Ion:128 Resp:11022329

Ion Ratio Lower Upper

128 100

129 35.2 9.5 14.3#

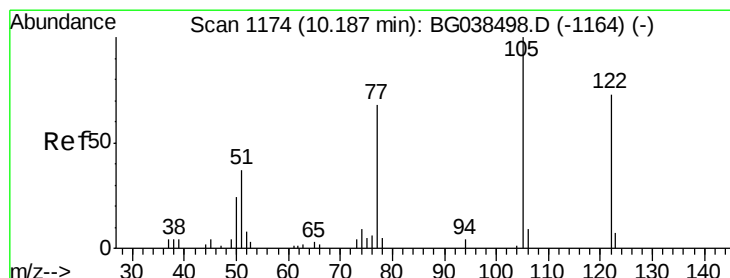
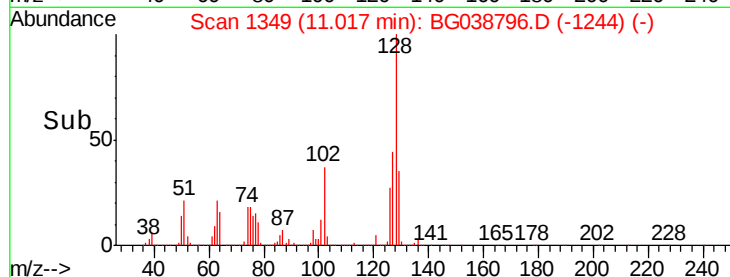
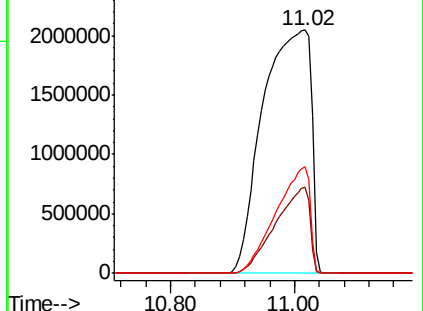
127 44.1 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 54.579 ng

RT: 10.34 min Scan# 1234

Delta R.T. 0.16 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

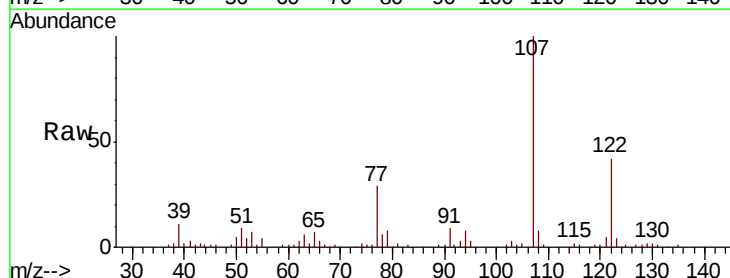
Tgt Ion:122 Resp: 58555

Ion Ratio Lower Upper

122 100

105 4.5 116.7 156.7#

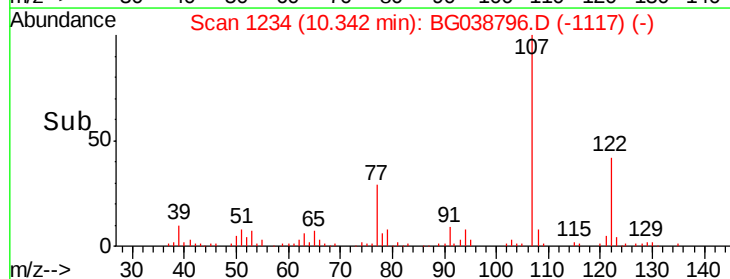
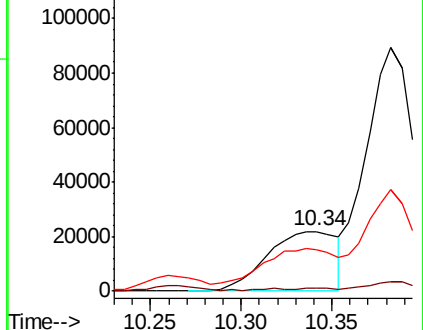
77 68.8 72.5 112.5#

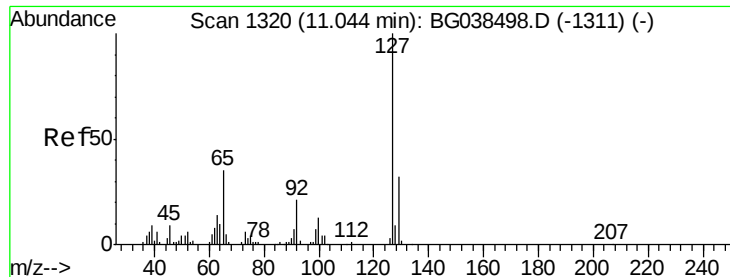


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

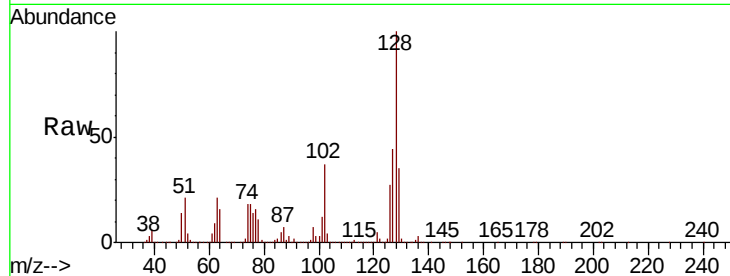




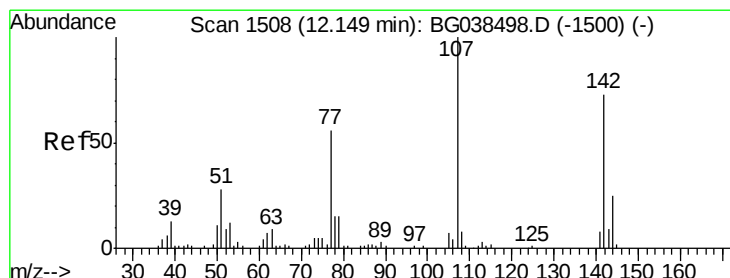
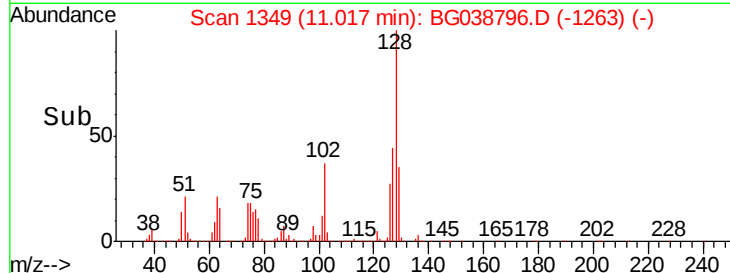
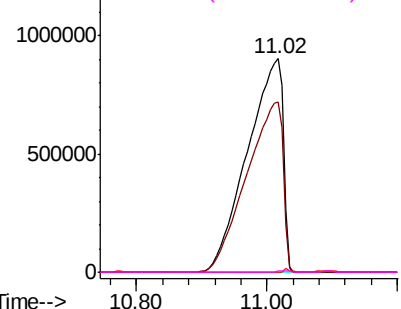
#33
4-Chloroaniline
Concen: 1420.956 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.03 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:127 Resp: 3423665
Ion Ratio Lower Upper
127 100
129 80.0 25.8 38.8#
65 0.0 27.8 41.6#
92 0.5 17.0 25.6#

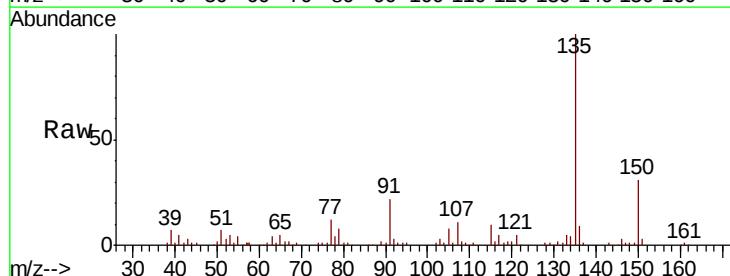


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

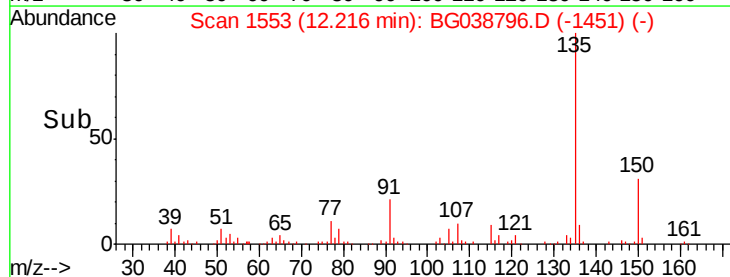
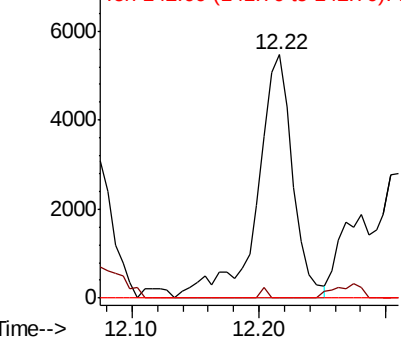


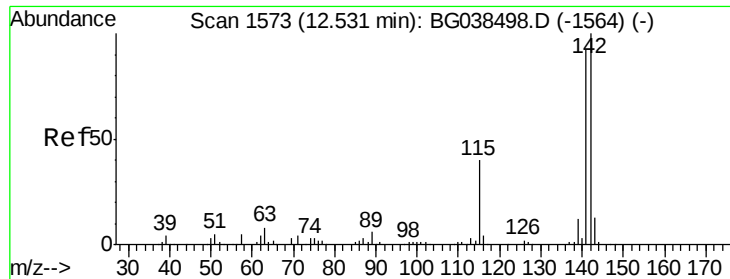
#36
4-Chloro-3-methylphenol
Concen: 5.141 ng
RT: 12.22 min Scan# 1553
Delta R.T. 0.07 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Tgt Ion:107 Resp: 10678
Ion Ratio Lower Upper
107 100
144 0.0 20.1 30.1#
142 0.0 58.7 88.1#



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

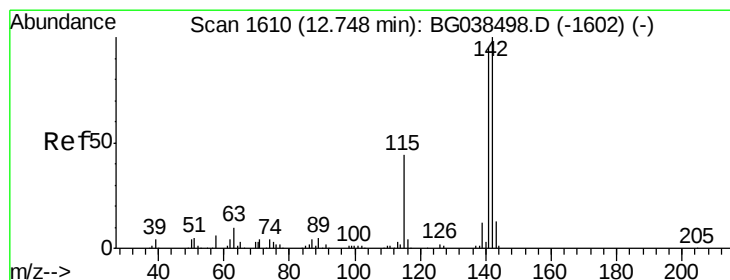
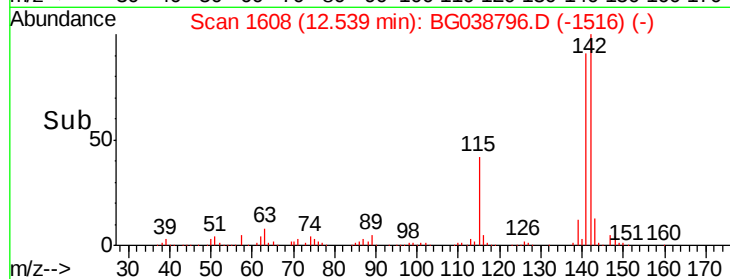
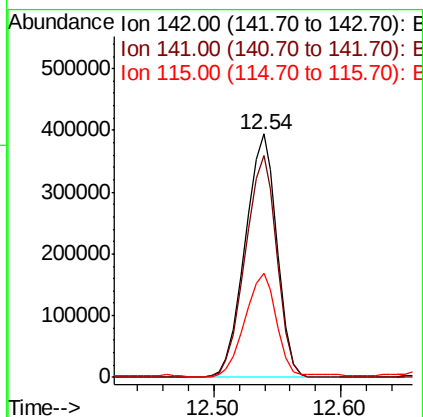
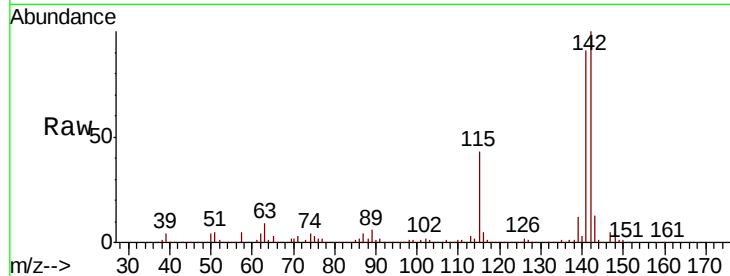




#37
2-Methylnaphthalene
Concen: 172.580 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

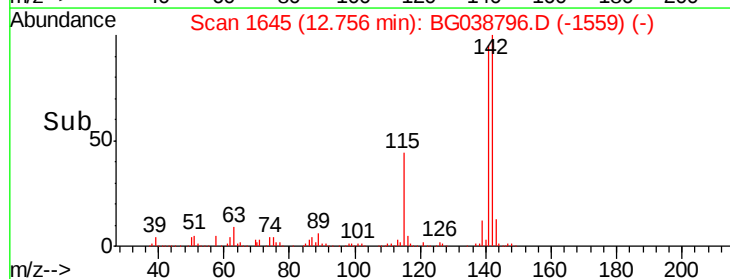
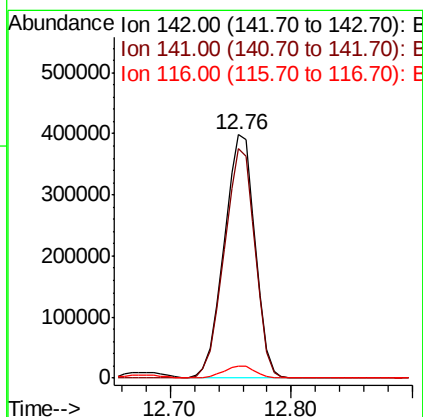
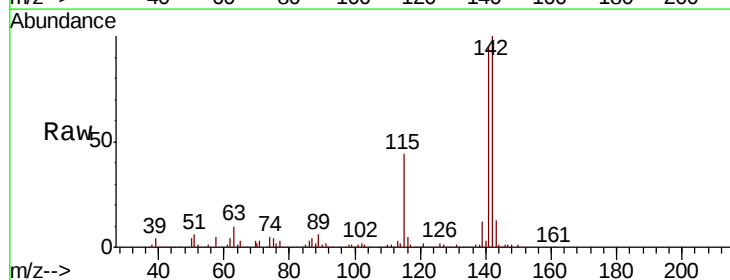
Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GW

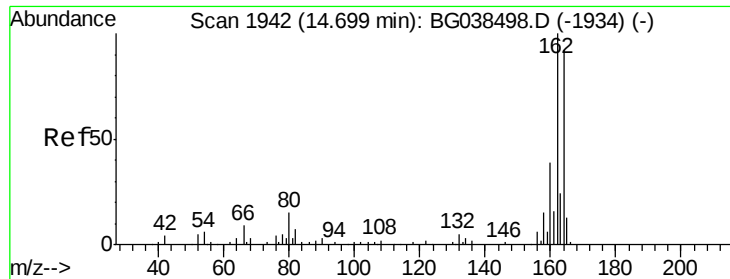
Tgt Ion:142 Resp: 683279
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3
115 42.7 31.7 47.5



#38
1-Methylnaphthalene
Concen: 183.509 ng
RT: 12.76 min Scan# 1645
Delta R.T. 0.01 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Tgt Ion:142 Resp: 705027
Ion Ratio Lower Upper
142 100
141 94.5 75.8 113.8
116 5.0 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GW

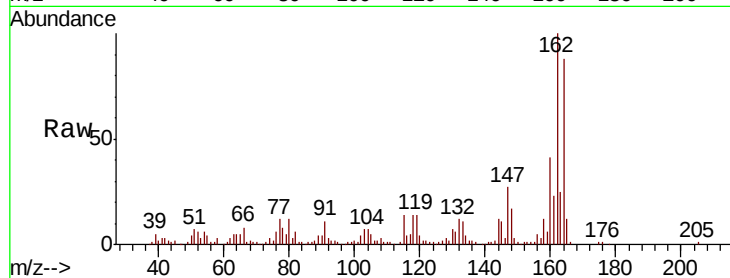
Tgt Ion:164 Resp: 70261

Ion Ratio Lower Upper

164 100

162 113.5 86.6 130.0

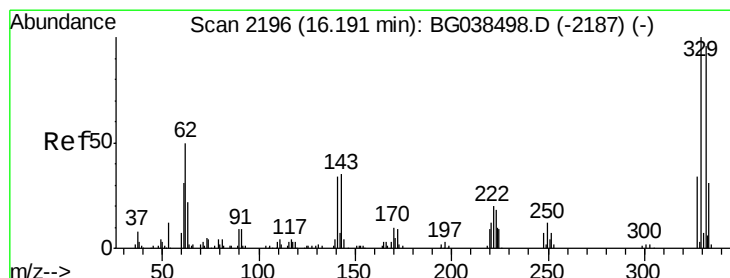
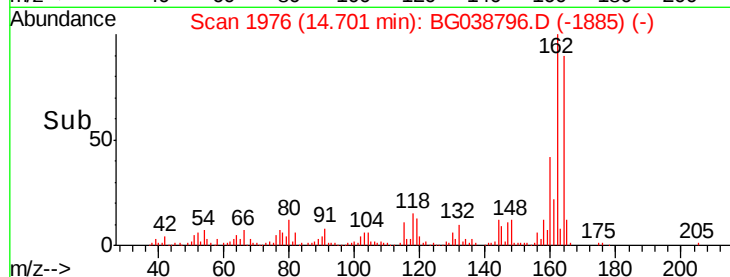
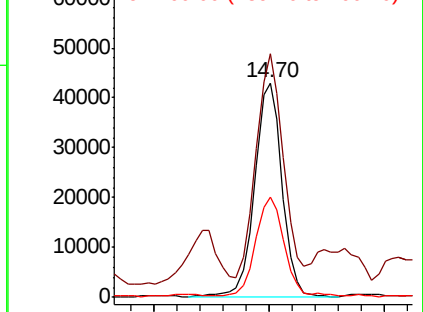
160 46.7 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 101.790 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

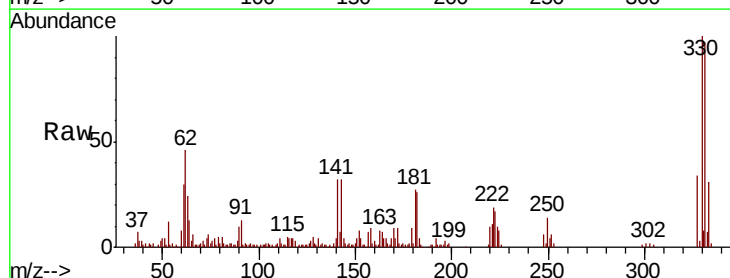
Tgt Ion:330 Resp: 98566

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

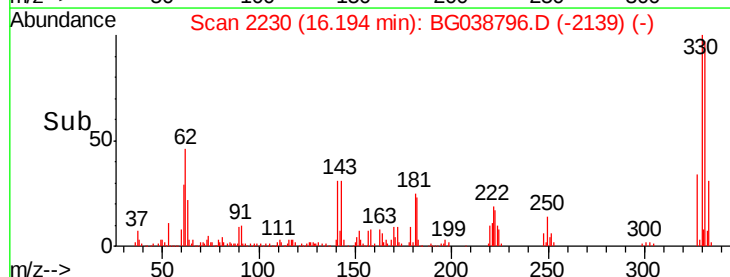
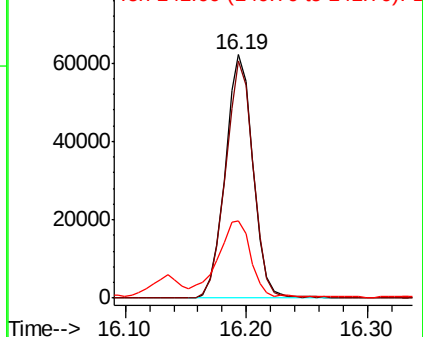
141 36.9 28.8 43.2

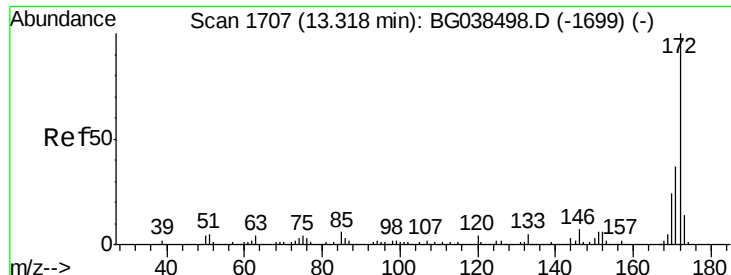


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

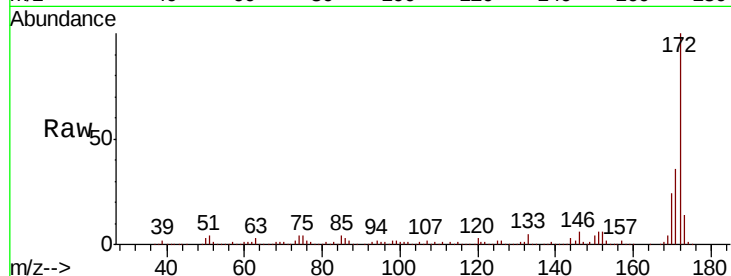




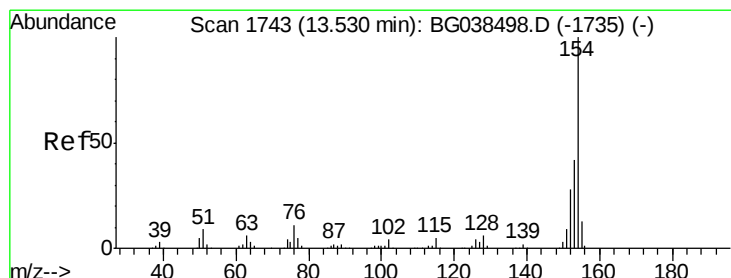
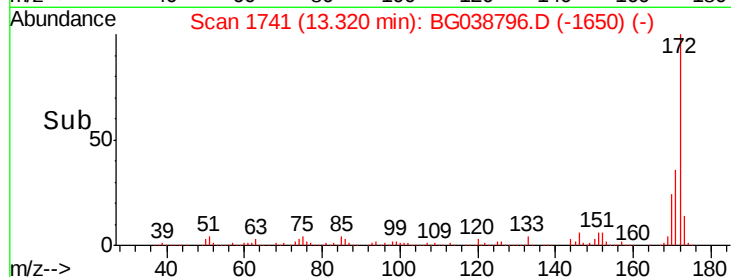
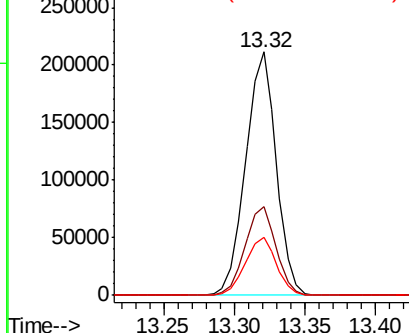
#45
2-Fluorobiphenyl
Concen: 62.737 ng
RT: 13.32 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:172 Resp: 321316
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.1 19.5 29.3

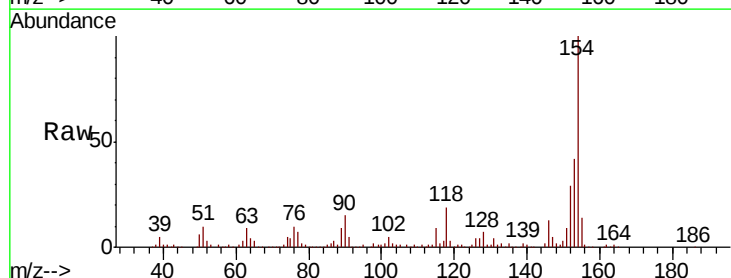


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

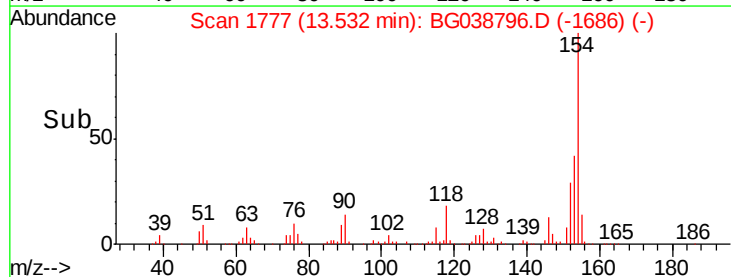
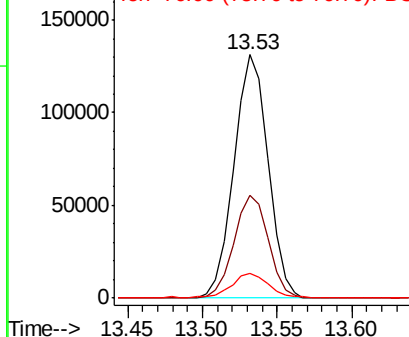


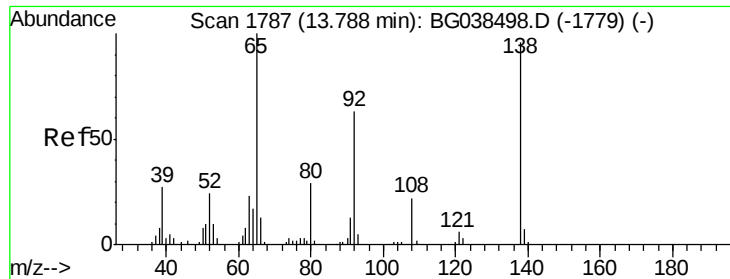
#46
1,1'-Biphenyl
Concen: 35.519 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Tgt Ion:154 Resp: 209211
Ion Ratio Lower Upper
154 100
153 42.1 22.1 62.1
76 10.4 0.0 31.2



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





#48

2-Nitroaniline

Concen: 5.112 ng

RT: 13.84 min Scan# 1829

Delta R.T. 0.05 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GW

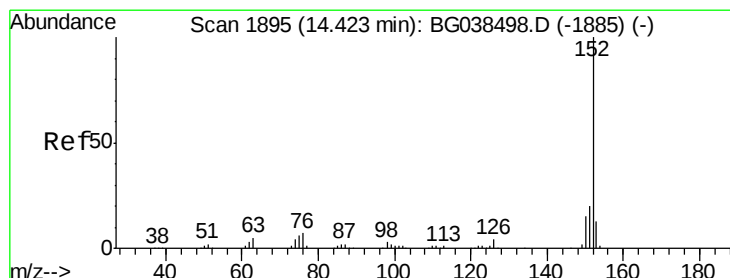
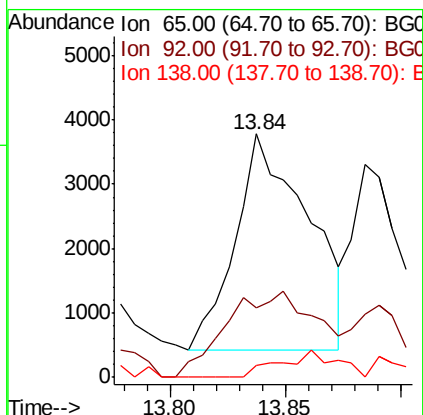
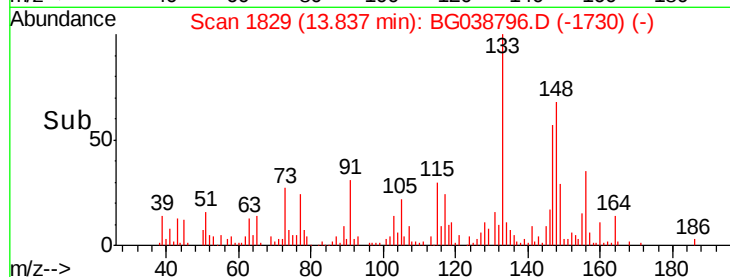
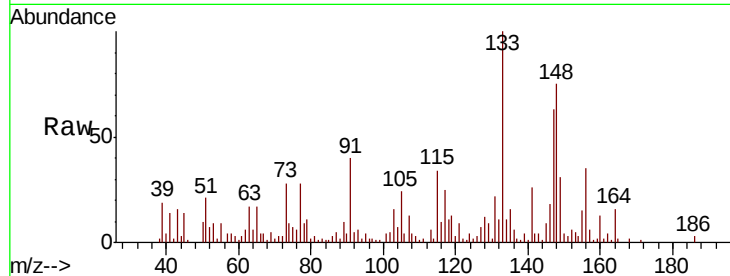
Tgt Ion: 65 Resp: 7409

Ion Ratio Lower Upper

65 100

92 28.6 50.0 75.0#

138 4.8 76.9 115.3#



#49

Acenaphthylene

Concen: 2.668 ng

RT: 14.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

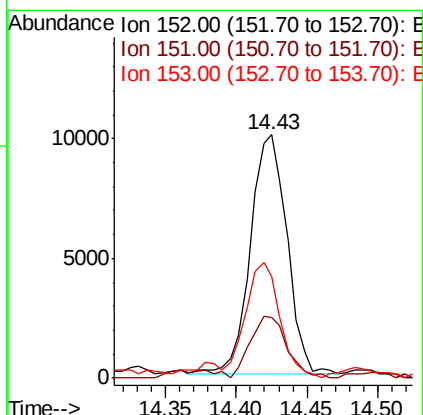
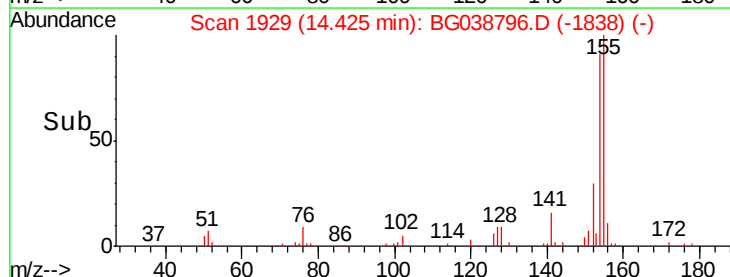
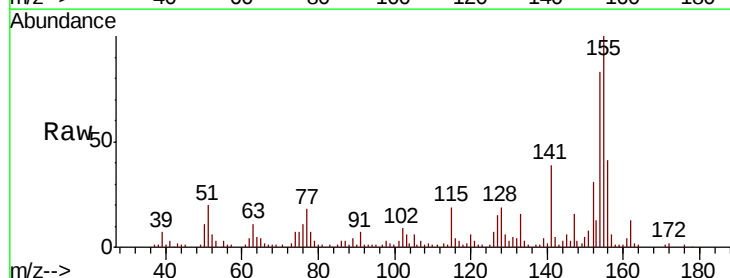
Tgt Ion: 152 Resp: 18146

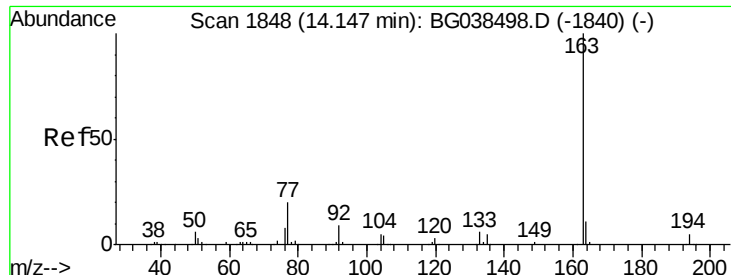
Ion Ratio Lower Upper

152 100

151 25.0 16.4 24.6#

153 41.7 10.4 15.6#





#50

Dimethylphthalate

Concen: 6.985 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GW

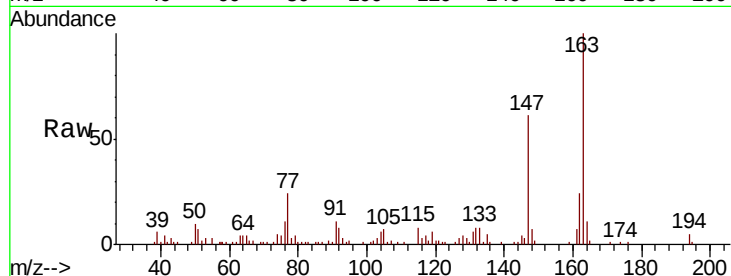
Tgt Ion:163 Resp: 40077

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

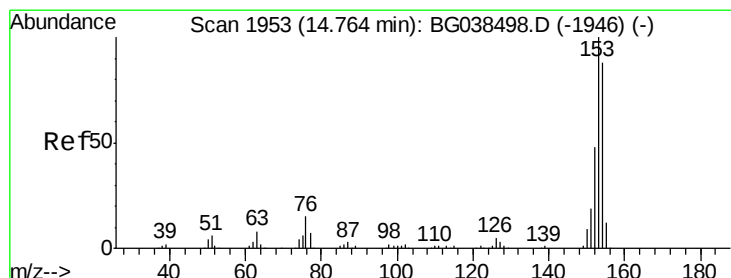
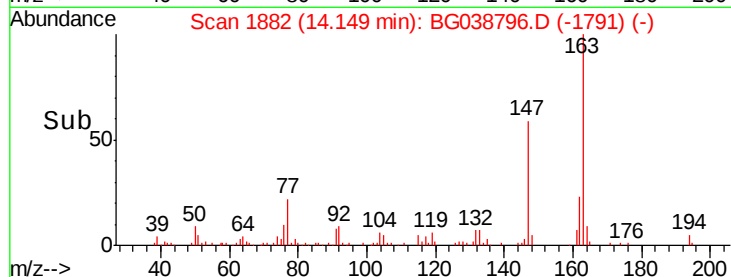
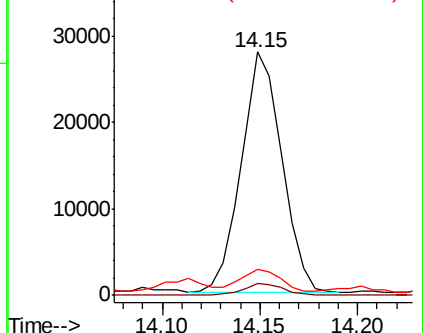
164 10.9 8.6 12.8



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



#52

Acenaphthene

Concen: 78.094 ng

RT: 14.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

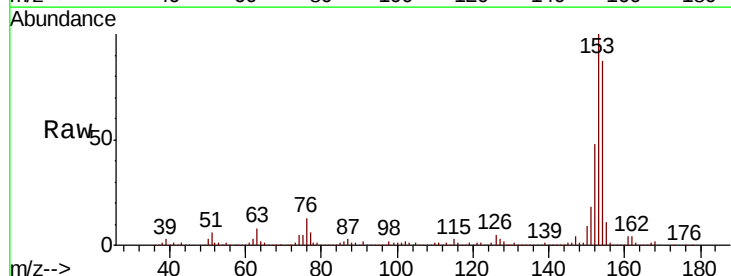
Tgt Ion:154 Resp: 317625

Ion Ratio Lower Upper

154 100

153 114.3 90.6 136.0

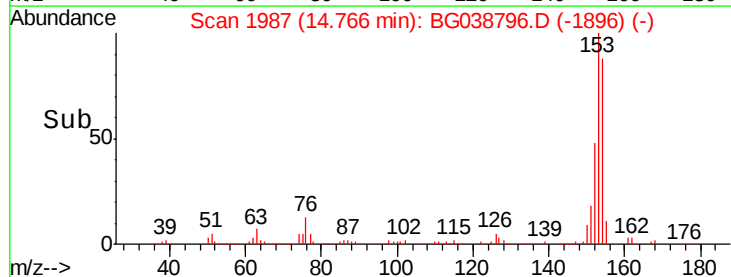
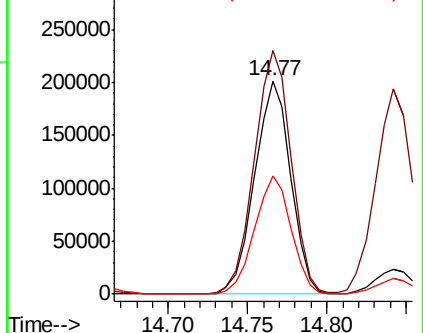
152 55.4 43.5 65.3

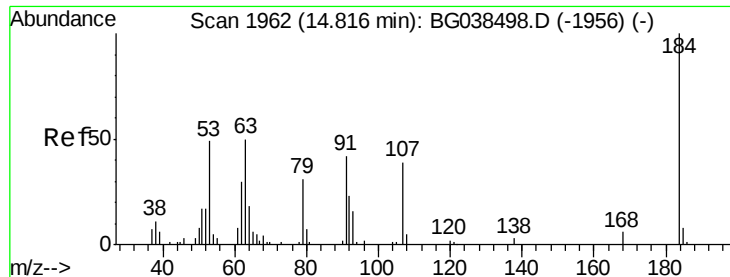


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

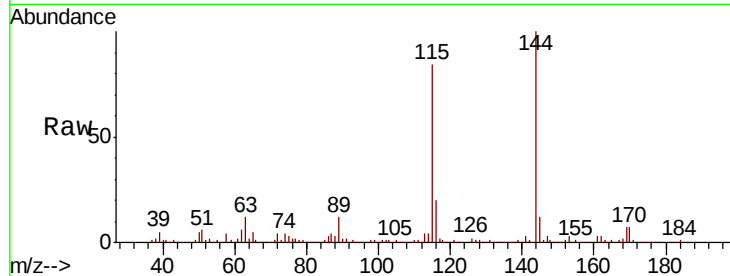




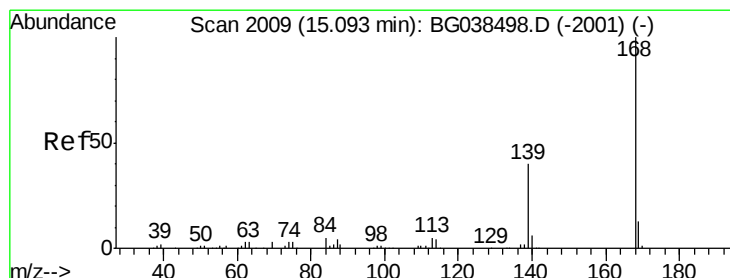
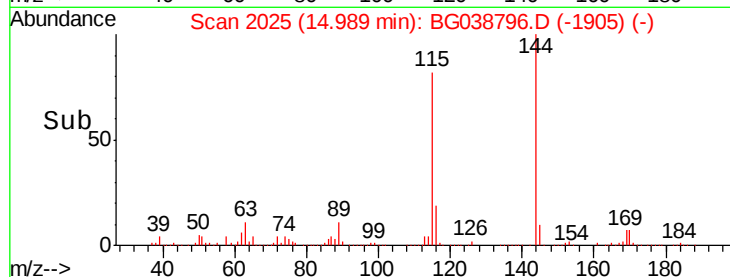
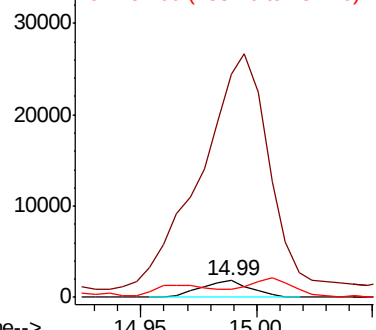
#54
 2,4-Dinitrophenol
 Concen: 8.467 ng
 RT: 14.99 min Scan# 2025
 Delta R.T. 0.17 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GW

Tgt Ion:184 Resp: 2718
 Ion Ratio Lower Upper
 184 100
 63 1336.0 47.0 70.6#
 154 52.1 50.3 75.5

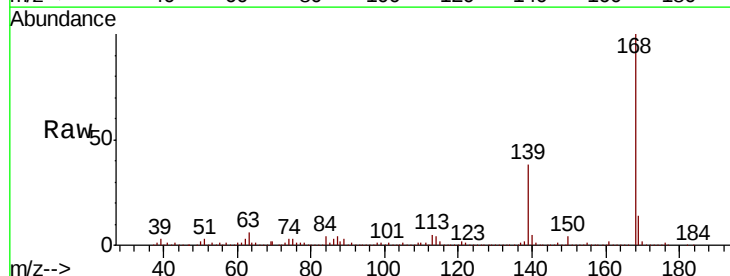


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

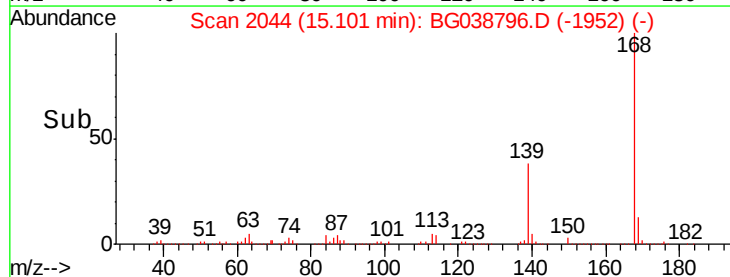
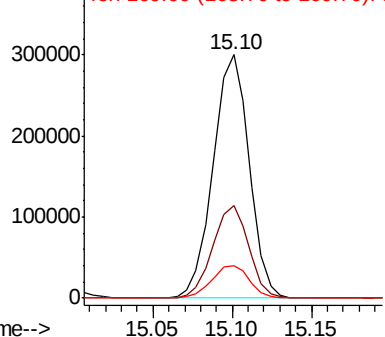


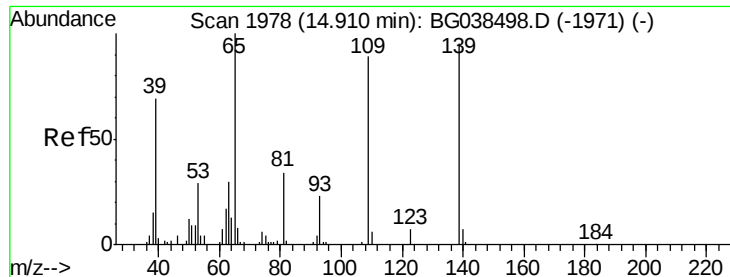
#55
 Dibenzofuran
 Concen: 67.565 ng
 RT: 15.10 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

Tgt Ion:168 Resp: 471057
 Ion Ratio Lower Upper
 168 100
 139 38.0 32.2 48.2
 169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

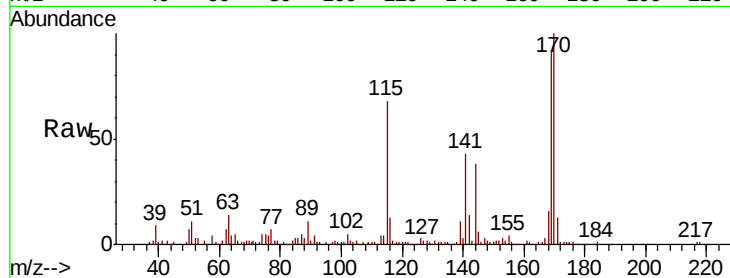




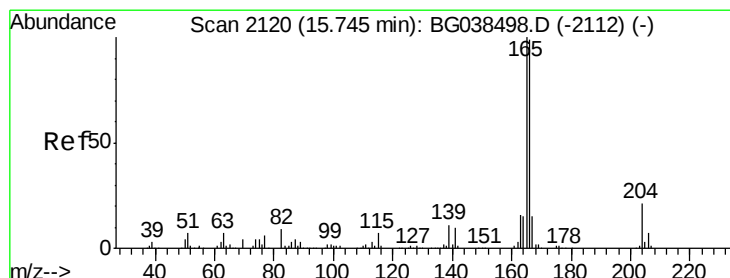
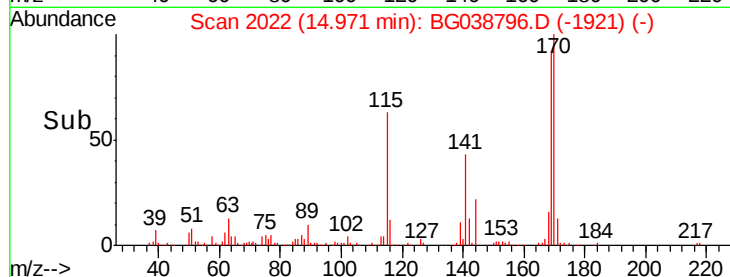
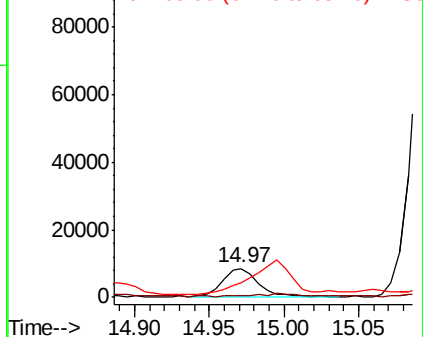
#56
4-Nitrophenol
Concen: 13.812 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.06 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:139 Resp: 13888
Ion Ratio Lower Upper
139 100
109 7.0 73.6 113.6#
65 48.5 84.8 124.8#

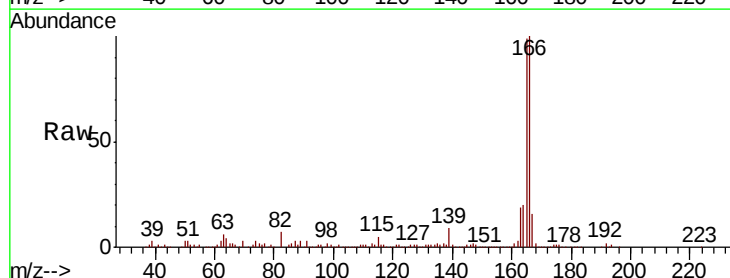


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

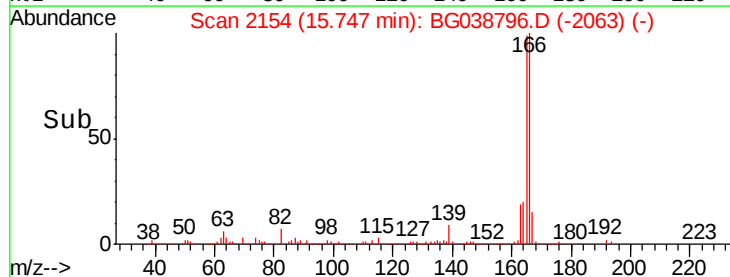
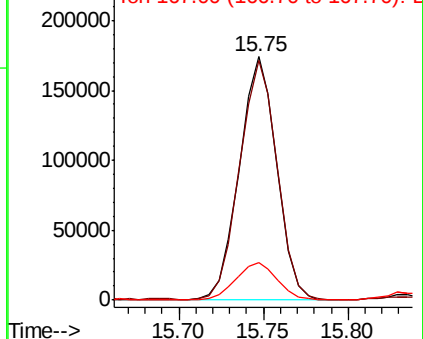


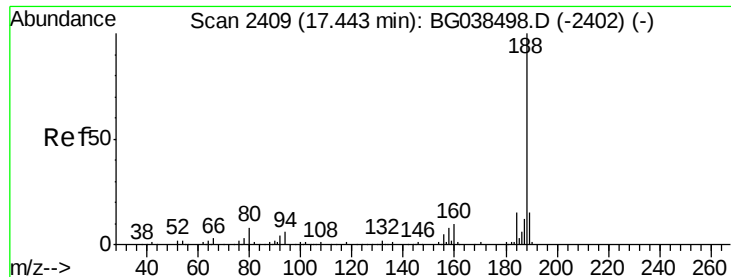
#58
Fluorene
Concen: 51.479 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Tgt Ion:166 Resp: 265906
Ion Ratio Lower Upper
166 100
165 98.5 80.6 120.8
167 15.5 12.0 18.0



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

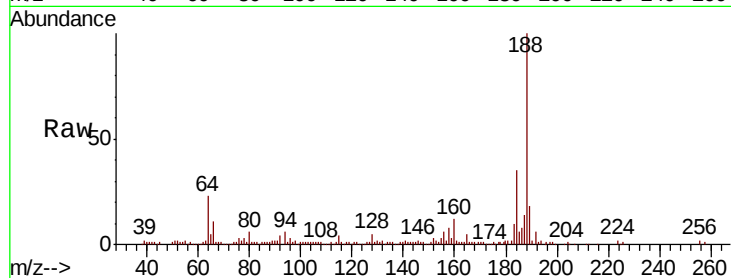




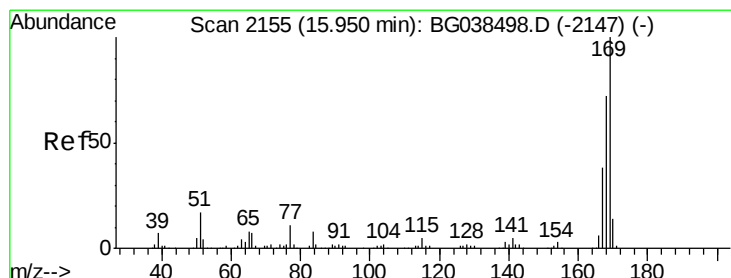
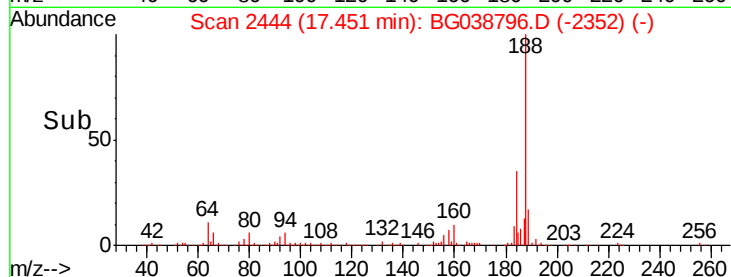
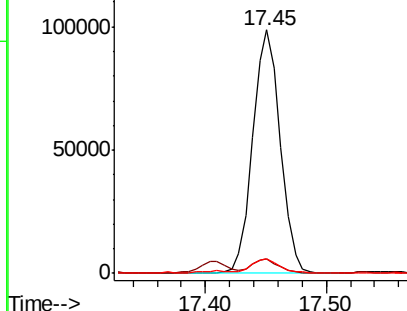
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:188 Resp: 156524
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 6.1 6.1 9.1#

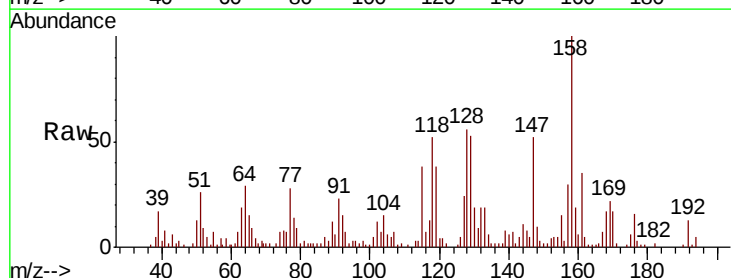


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

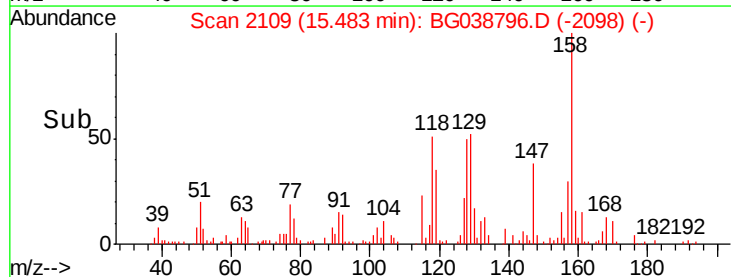
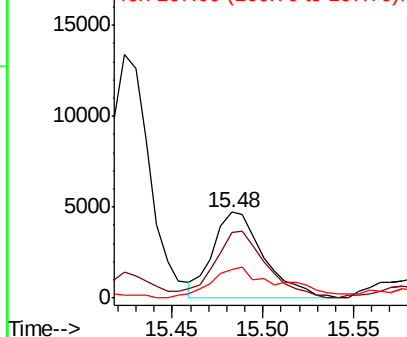


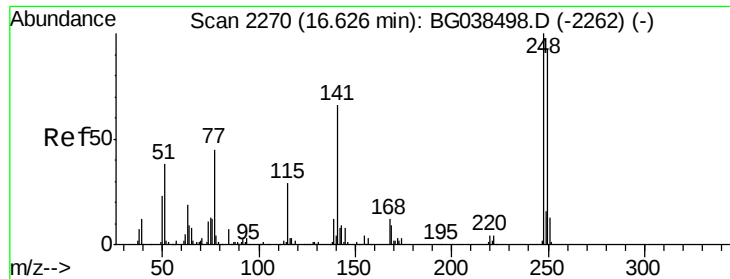
#66
n-Nitrosodiphenylamine
Concen: 2.025 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.47 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Tgt Ion:169 Resp: 9315
Ion Ratio Lower Upper
169 100
168 77.0 57.5 86.3
167 33.4 30.2 45.2



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

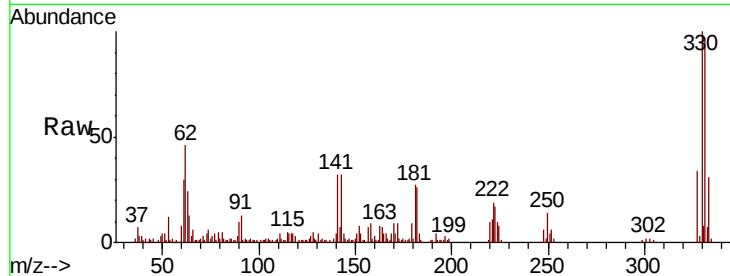




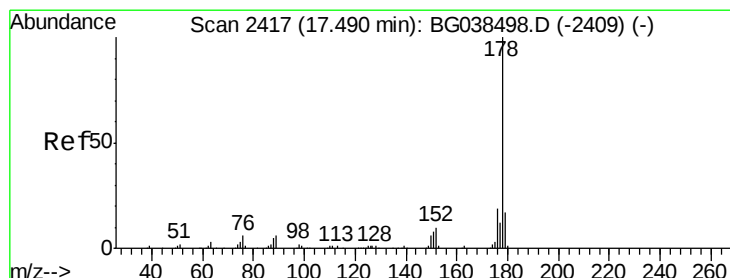
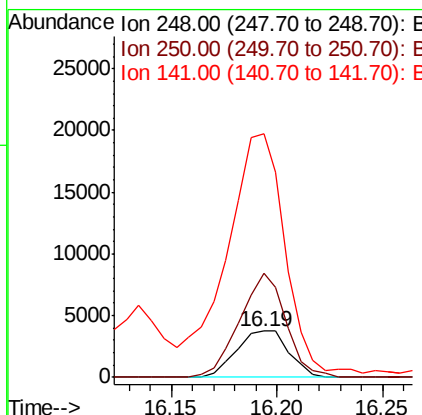
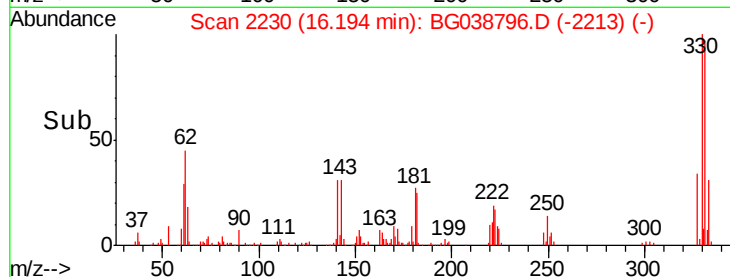
#67
 4-Bromophenyl-phenylether
 Concen: 3.361 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.43 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GW

Tgt Ion:248 Resp: 6424
 Ion Ratio Lower Upper
 248 100
 250 227.7 73.4 110.2#
 141 411.3 52.9 79.3#

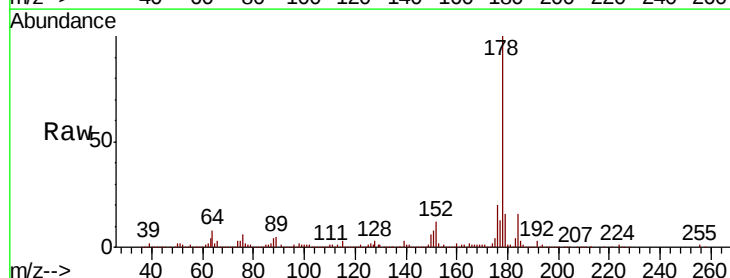


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

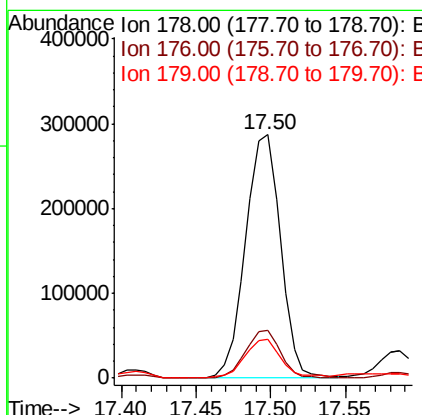
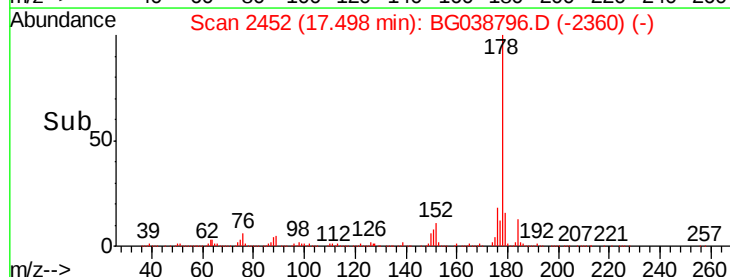


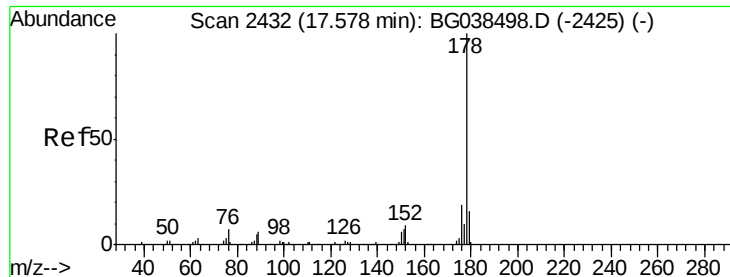
#71
 Phenanthrene
 Concen: 57.119 ng
 RT: 17.50 min Scan# 2452
 Delta R.T. 0.01 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

Tgt Ion:178 Resp: 463625
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.1 22.7
 179 15.9 13.2 19.8



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

Anthracene

Concen: 5.879 ng

RT: 17.59 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GW

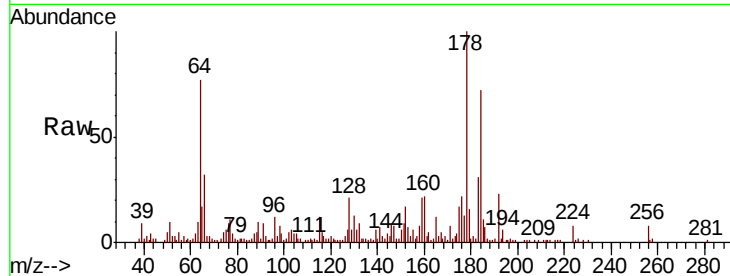
Tgt Ion:178 Resp: 47112

Ion Ratio Lower Upper

178 100

176 21.9 15.1 22.7

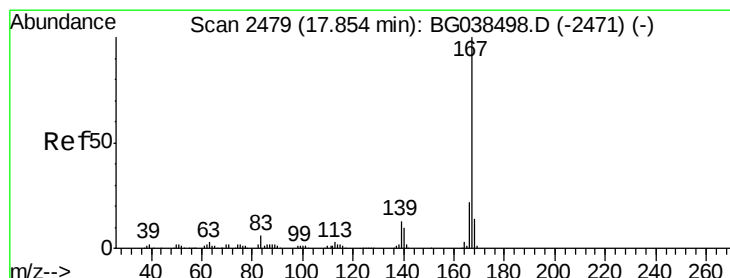
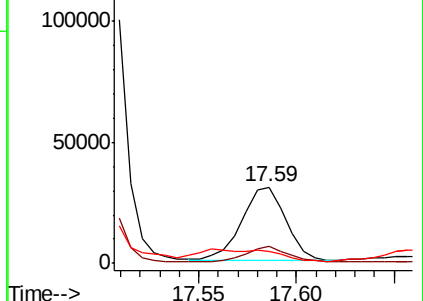
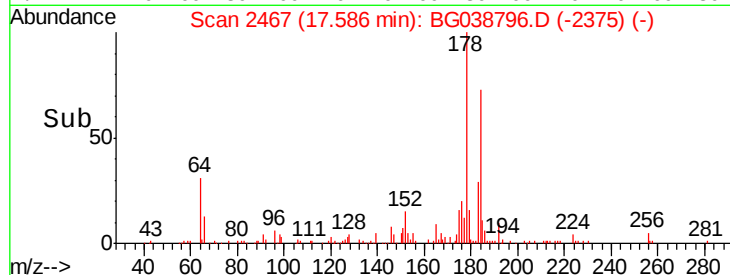
179 16.5 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 49.606 ng

RT: 17.86 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

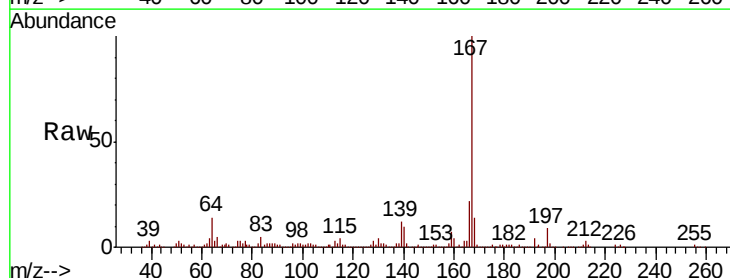
Tgt Ion:167 Resp: 393111

Ion Ratio Lower Upper

167 100

166 21.8 17.9 26.9

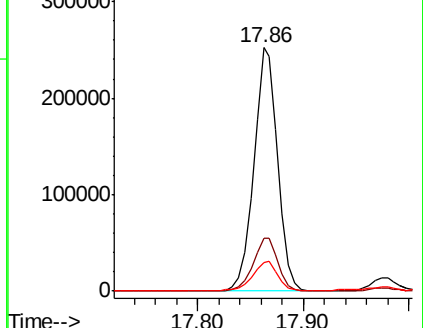
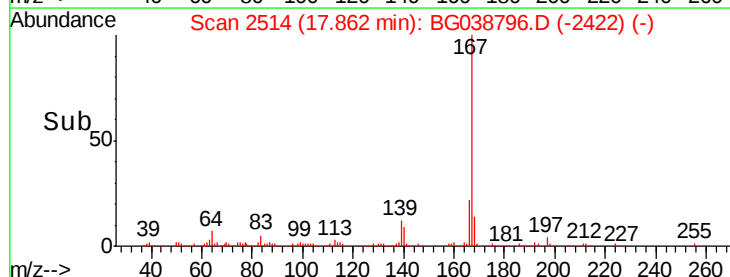
139 12.0 10.2 15.2

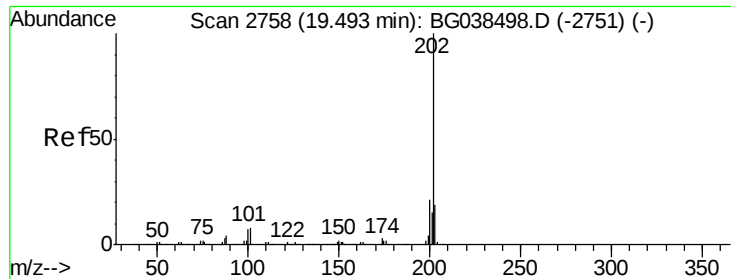


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 5.656 ng

RT: 19.52 min Scan# 2796

Delta R.T. 0.03 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

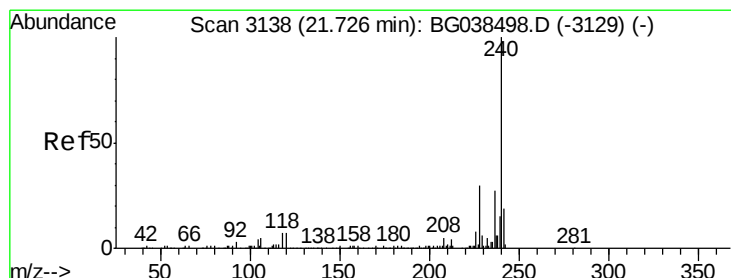
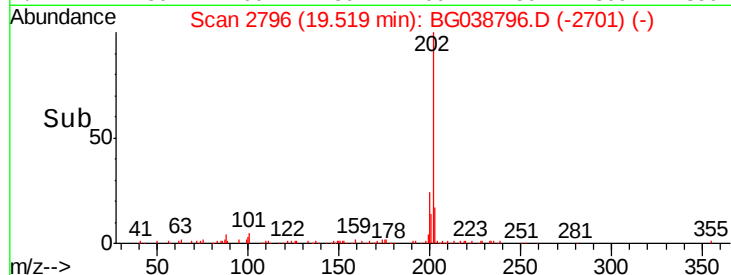
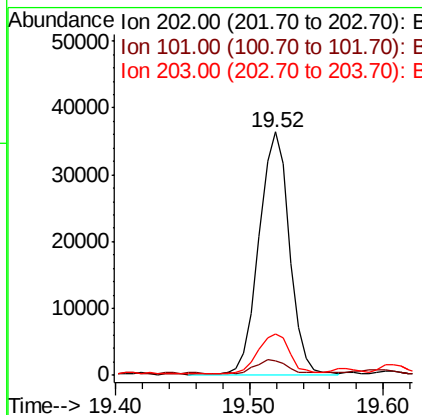
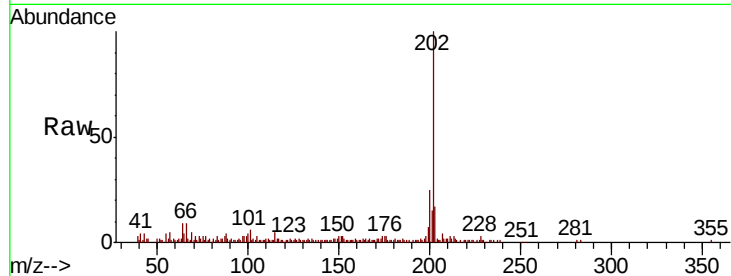
Instrument :

BNA_G

ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion:	202	Resp:	56800
Ion Ratio	Lower	Upper	
202	100		
101	5.8	0.0	28.1
203	17.1	0.0	39.0



#76

Chrysene-d12

Concen: 20.000 ng

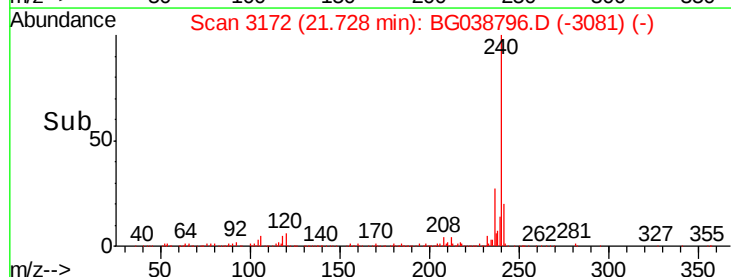
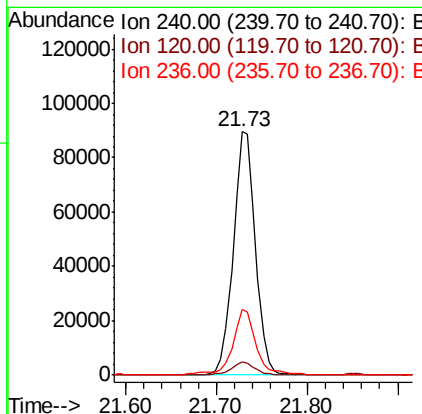
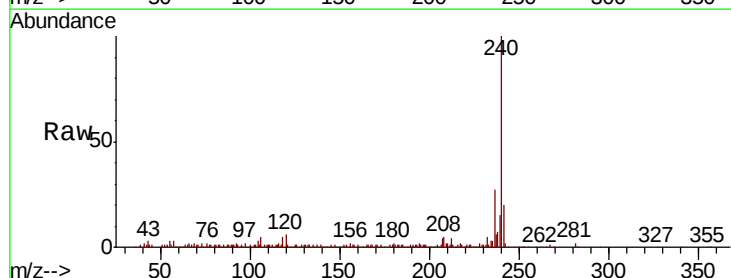
RT: 21.73 min Scan# 3172

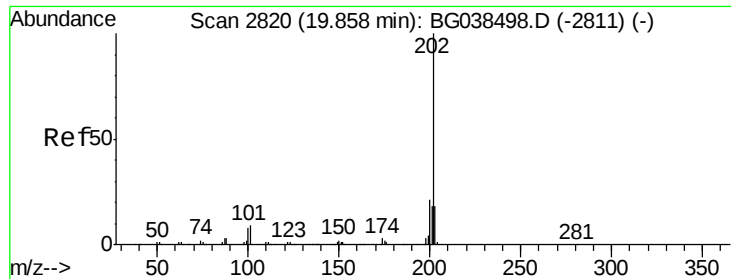
Delta R.T. 0.00 min

Lab File: BG038796.D

Acq: 21 Dec 2018 21:25

Tgt Ion:	240	Resp:	150556
Ion Ratio	Lower	Upper	
240	100		
120	5.5	5.3	7.9
236	26.8	21.4	32.2

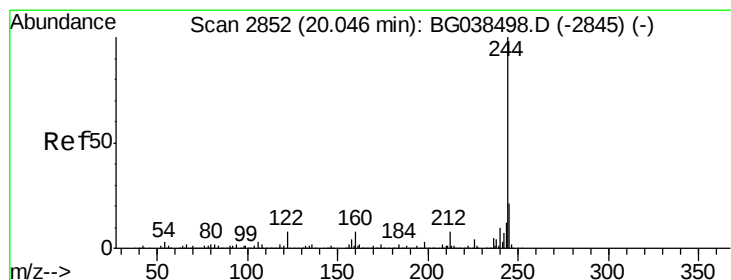
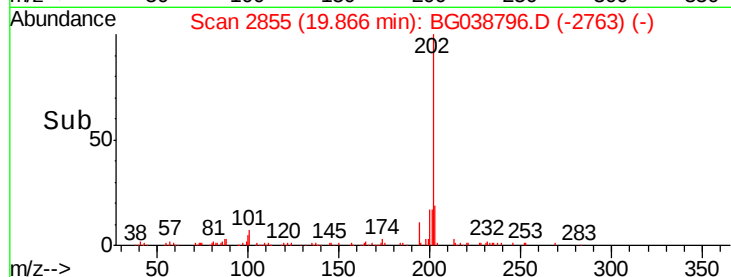
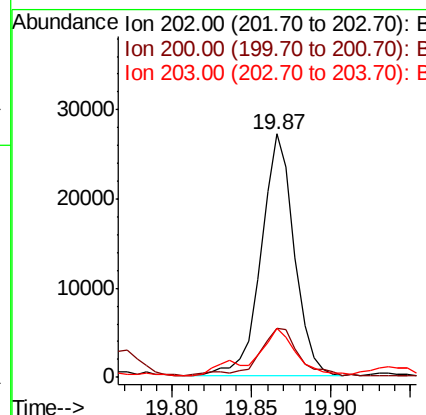
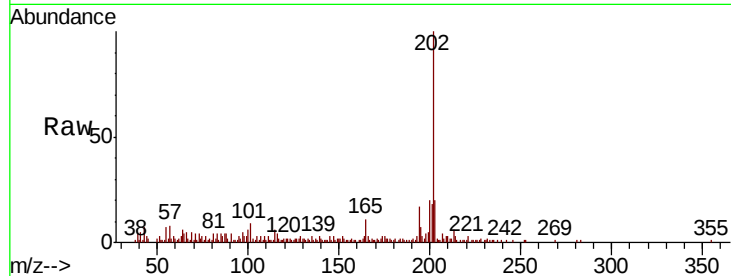




#78
 Pyrene
 Concen: 3.958 ng
 RT: 19.87 min Scan# 2855
 Delta R.T. 0.01 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

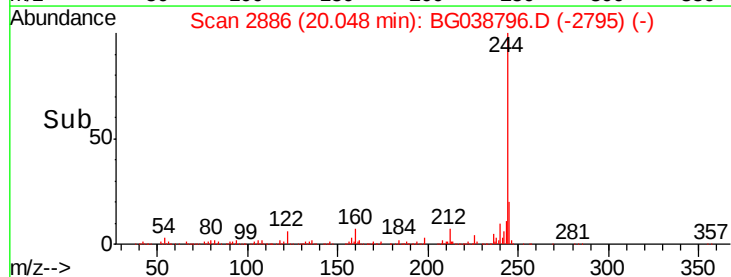
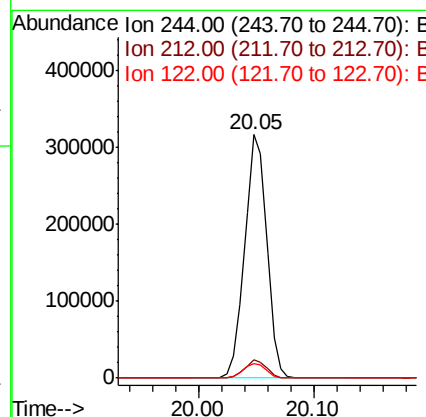
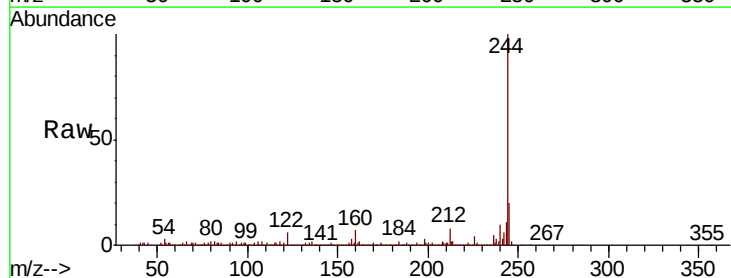
Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW26S-GW

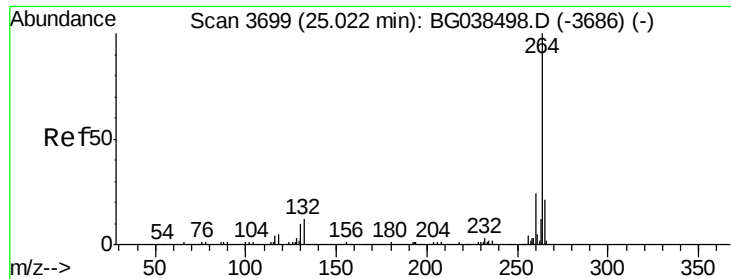
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.6	25.0
203	20.0	14.6	21.8



#79
 Terphenyl-d14
 Concen: 60.323 ng
 RT: 20.05 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: BG038796.D
 Acq: 21 Dec 2018 21:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	6.0	6.3	9.5#





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BG038796.D
Acq: 21 Dec 2018 21:25

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:	264	Resp:	162164
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	22.4	17.0	25.4

