

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120215\
 Data File : BG019835.D
 Acq On : 2 Dec 2015 15:25
 Operator : UM/NP
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 02 16:35:51 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 16:32:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	16919	20.00	ng	0.12
21) Naphthalene-d8	10.95	136	76300	20.00	ng	0.14
38) Acenaphthene-d10	14.77	164	56477	20.00	ng	0.14
63) Phenanthrene-d10	17.51	188	154485	20.00	ng	0.14
75) Chrysene-d12	21.79	240	194880	20.00	ng	0.16
86) Perylene-d12	25.09	264	175290	20.00	ng	0.27

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	46889	47.87	ng	0.09
7) Phenol-d6	7.27	99	71067	50.61	ng	0.11
23) Nitrobenzene-d5	9.30	82	74161	54.39	ng	0.14
41) 2,4,6-Tribromophenol	16.25	330	43414	57.09	ng	0.13
44) 2-Fluorobiphenyl	13.39	172	206736	50.81	ng	0.14
78) Terphenyl-d14	20.11	244	406229	54.74	ng	0.13

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	9208	22.49	ng	# 100
3) Pyridine	3.95	79	27598	21.75	ng	# 88
4) n-Nitrosodimethylamine	3.85	42	14446	32.69	ng	# 70
6) Aniline	7.45	93	45980	23.76	ng	# 85
8) 2-Chlorophenol	7.69	128	28613	25.30	ng	98
9) Benzaldehyde	7.26	77	23980	31.72	ng	88
10) Phenol	7.30	94	37615	25.35	ng	70
11) bis(2-Chloroethyl)ether	7.54	93	27347	23.79	ng	93
12) 1,3-Dichlorobenzene	8.02	146	32518	24.71	ng	# 90
13) 1,4-Dichlorobenzene	8.17	146	33106	25.09	ng	# 93
14) 1,2-Dichlorobenzene	8.49	146	32329	25.66	ng	95
15) Benzyl Alcohol	8.37	79	30581	30.21	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.67	45	45573	34.91	ng	92
17) 2-Methylphenol	8.56	107	26447	25.66	ng	# 86
18) Hexachloroethane	9.22	117	12750	27.02	ng	94
19) n-Nitroso-di-n-propylamine	8.94	70	28338	28.65	ng	# 90
20) 3+4-Methylphenols	8.89	107	37070	25.61	ng	87
22) Acetophenone	8.96	105	52848	27.34	ng	# 92
24) Nitrobenzene	9.34	77	40884	28.24	ng	# 86
25) Isophorone	9.87	82	79733	27.19	ng	# 95
26) 2-Nitrophenol	10.06	139	15784	23.37	ng	# 71
27) 2,4-Dimethylphenol	10.11	122	32848	26.78	ng	89
28) bis(2-Chloroethoxy)methane	10.35	93	40002	23.76	ng	98
29) 2,4-Dichlorophenol	10.59	162	33241	26.82	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	38370	27.93	ng	99
31) Naphthalene	11.01	128	103298	25.28	ng	97
32) Benzoic acid	10.20	122	17777	19.68	ng	# 82
33) 4-Chloroaniline	11.11	127	44409	24.02	ng	# 93
34) Hexachlorobutadiene	11.29	225	28331	34.98	ng	98
35) Caprolactam	11.88	113	12342	23.16	ng	# 65
36) 4-Chloro-3-methylphenol	12.21	107	41582	30.07	ng	93
37) 2-Methylnaphthalene	12.60	142	75035	25.09	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	53699	29.98	ng	98
40) Hexachlorocyclopentadiene	12.94	237	31197	34.68	ng	98

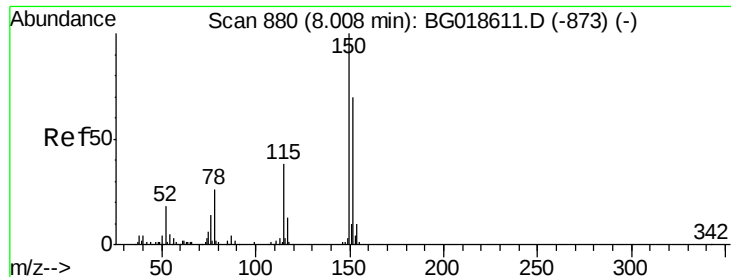
Data Path : Z:\HPCHEM1\BNA G\DATA\BG120215\
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 QLast Update : Wed Dec 02 16:32:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	35652	28.74	nq	97
43) 2,4,5-Trichlorophenol	13.26	196	37882	27.84	nq	# 95
45) 1,1'-Biphenyl	13.60	154	115396	25.69	nq	99
46) 2-Chloronaphthalene	13.64	162	88918	25.70	nq	95
47) 2-Nitroaniline	13.84	65	27450	26.36	nq	88
48) Acenaphthylene	14.49	152	151289	24.73	nq	99
49) Dimethylphthalate	14.21	163	126515	27.05	nq	99
50) 2,6-Dinitrotoluene	14.33	165	24151	23.77	nq	# 63
51) Acenaphthene	14.82	154	91749	25.78	nq	97
52) 3-Nitroaniline	14.66	138	24876	20.49	nq	# 92
53) 2,4-Dinitrophenol	14.86	184	8498	19.86	nq	95
54) Dibenzofuran	15.16	168	138228	24.99	nq	96
55) 4-Nitrophenol	14.94	139	21508	22.94	nq	# 60
56) 2,4-Dinitrotoluene	15.11	165	33267	23.09	nq	# 79
57) Fluorene	15.81	166	123715	25.98	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	34979	27.41	nq	96
59) Diethylphthalate	15.58	149	137385	28.16	nq	98
60) 4-Chlorophenyl-phenylether	15.80	204	70901	30.99	nq	95
61) 4-Nitroaniline	15.82	138	28598	21.85	nq	# 63
62) Azobenzene	16.09	77	113002	26.21	nq	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	18222	23.61	nq	87
65) n-Nitrosodiphenylamine	16.01	169	113043	25.26	nq	94
66) 4-Bromophenyl-phenylether	16.69	248	47770	30.40	nq	91
67) Hexachlorobenzene	16.81	284	49241	28.85	nq	98
68) Atrazine	16.96	200	50601	28.44	nq	96
69) Pentachlorophenol	17.15	266	28399	26.98	nq	95
70) Phenanthrene	17.55	178	221532	27.26	nq	96
71) Anthracene	17.64	178	224919	27.34	nq	95
72) Carbazole	17.90	167	199670	25.07	nq	97
73) Di-n-butylphthalate	18.47	149	245568	26.14	nq	98
74) Fluoranthene	19.55	202	287066	28.53	nq	92
76) Benzidine	19.73	184	164781	28.16	nq	96
77) Pyrene	19.91	202	292077	24.39	nq	94
79) Butylbenzylphthalate	20.81	149	112384	23.08	nq	98
80) Benzo(a)anthracene	21.77	228	301743	26.89	nq	97
81) 3,3'-Dichlorobenzidine	21.68	252	115157	27.02	nq	# 94
82) Chrysene	21.84	228	290120	27.46	nq	95
83) Bis(2-ethylhexyl)phthalate	21.69	149	166308	23.68	nq	95
84) Di-n-octyl phthalate	22.94	149	266176	22.41	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.88	276	261591	19.50	nq	# 100
87) Benzo(b)fluoranthene	24.04	252	277290	27.28	nq	# 95
88) Benzo(k)fluoranthene	24.11	252	276912	27.19	nq	# 91
89) Benzo(a)pyrene	24.94	252	263654	27.26	nq	# 94
90) Dibenzo(a,h)anthracene	28.95	278	260938	27.40	nq	# 91
91) Benzo(g,h,i)perylene	30.07	276	257811	26.58	nq	# 88

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

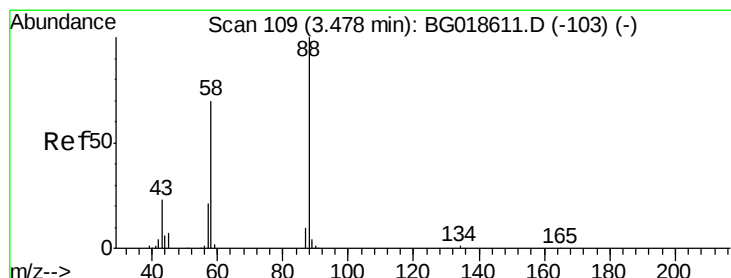
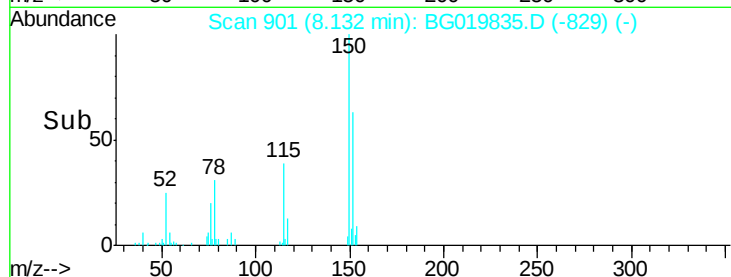
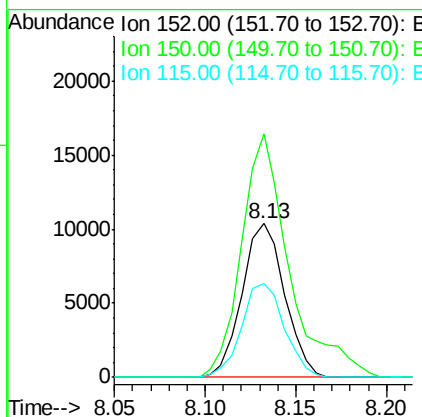
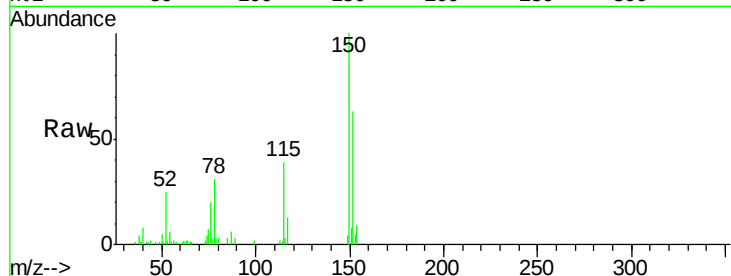


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 901
Delta R.T. 0.12 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Instrument :
BNA_G
ClientSampleId :

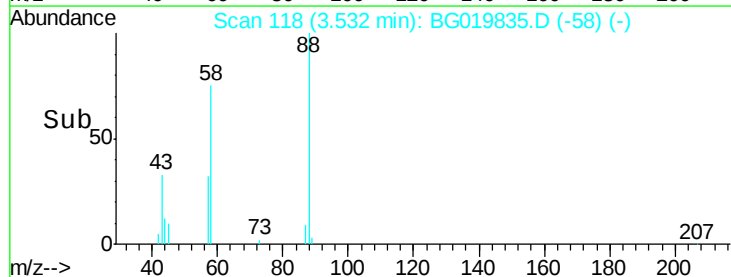
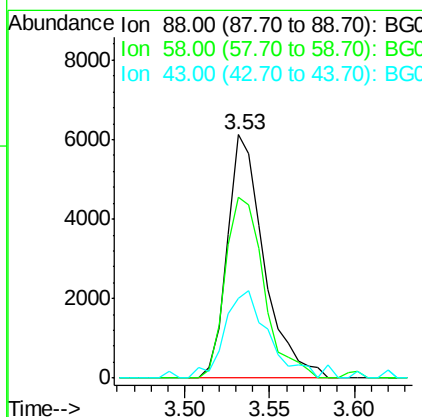
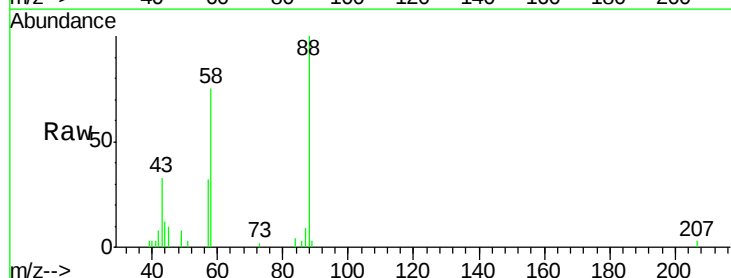
Tot Ion:152 Resp: 16919
Ion Ratio Lower Upper
152 100
150 158.6 115.0 172.4
115 61.4 43.9 65.9

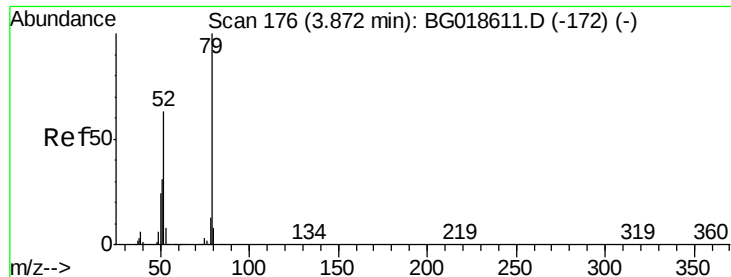


#2

1,4-Dioxane
Concen: 22.49 ng
RT: 3.53 min Scan# 118
Delta R.T. 0.05 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion: 88 Resp: 9208
Ion Ratio Lower Upper
88 100
58 78.6 0.0 0.0#
43 44.1 0.0 0.0#





#3

Pvridine

Concen: 21.75 ng

RT: 3.95 min Scan# 189

Delta R.T. 0.06 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

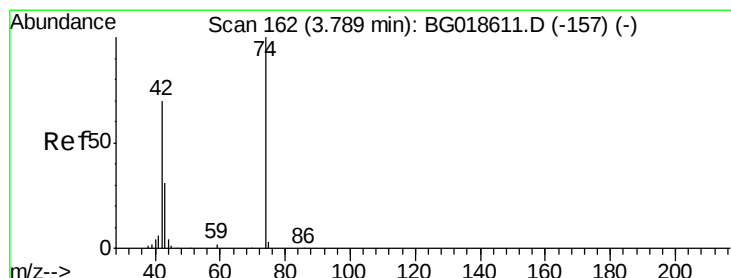
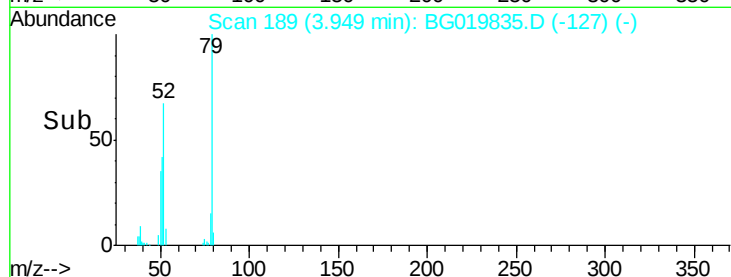
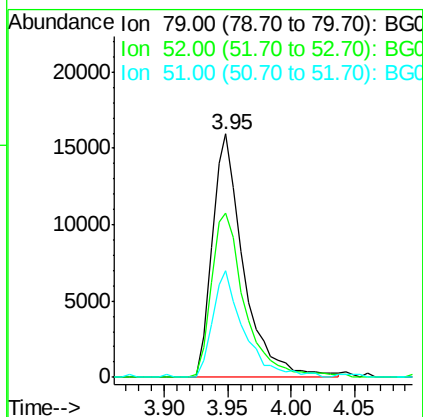
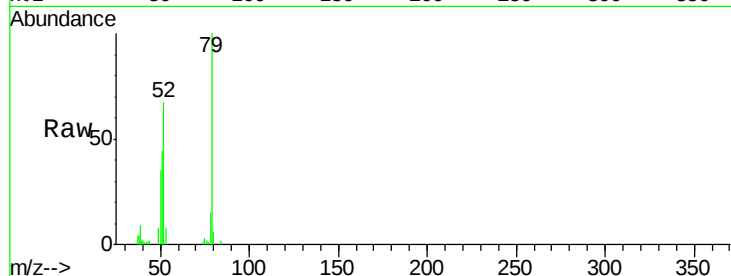
Tot Ion: 79 Resp: 27598

Ion Ratio Lower Upper

79 100

52 67.5 50.3 75.5

51 43.7 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 32.69 ng

RT: 3.85 min Scan# 173

Delta R.T. 0.06 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

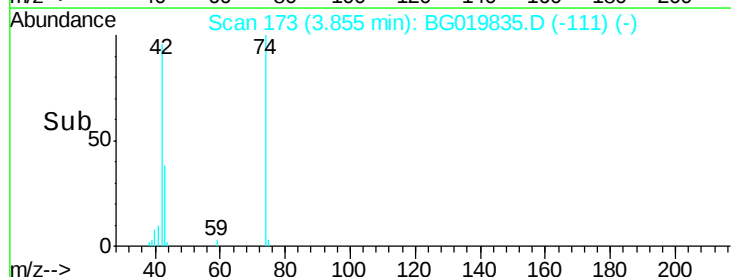
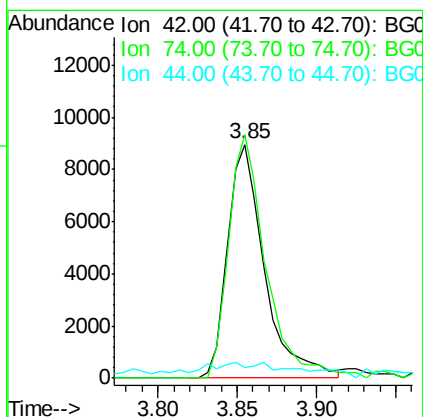
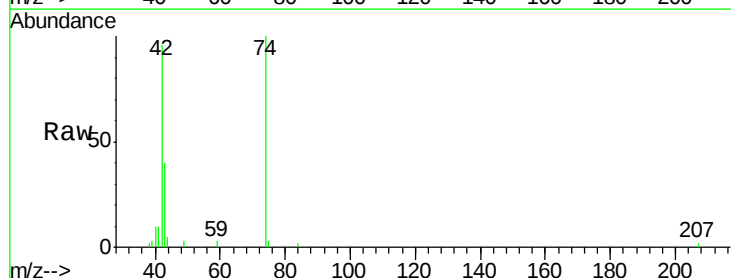
Tgt Ion: 42 Resp: 14446

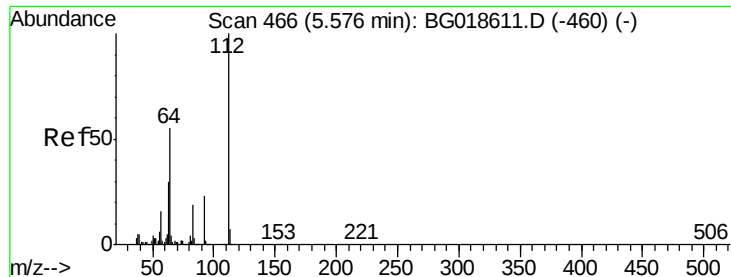
Ion Ratio Lower Upper

42 100

74 104.2 113.9 170.9#

44 4.8 5.7 8.5#





#5

2-Fluorophenol

Concen: 47.87 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.09 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

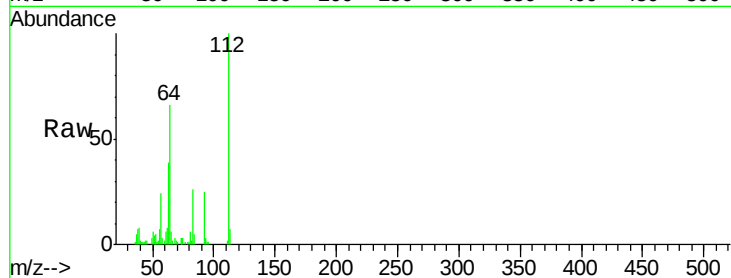
Tot Ion:112 Resp: 46889

Ion Ratio Lower Upper

112 100

64 66.4 43.7 65.5#

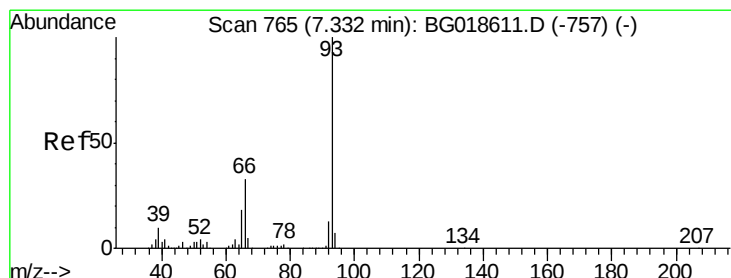
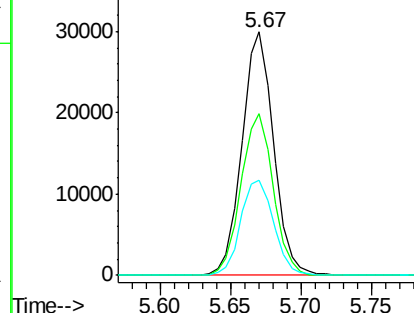
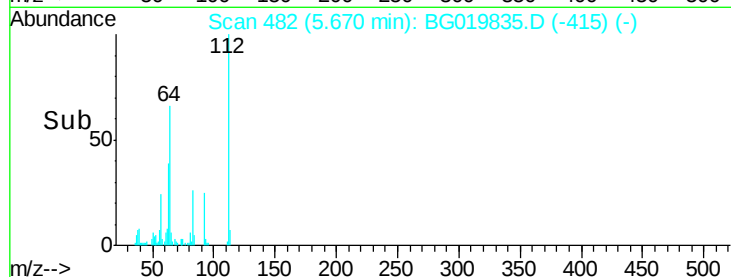
63 39.0 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.76 ng

RT: 7.45 min Scan# 785

Delta R.T. 0.12 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

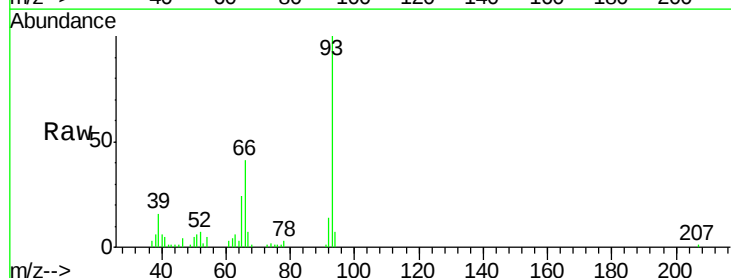
Tgt Ion: 93 Resp: 45980

Ion Ratio Lower Upper

93 100

66 41.4 26.2 39.2#

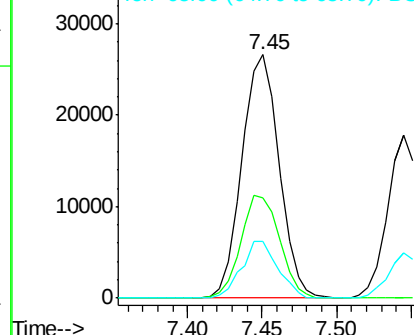
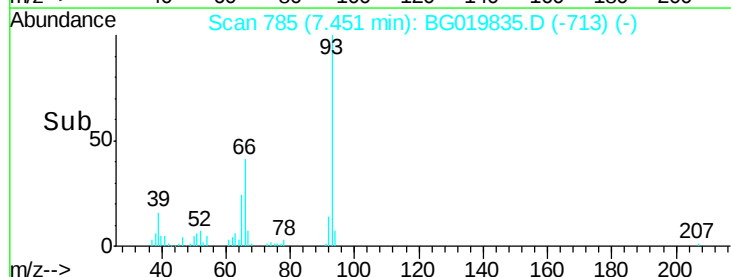
65 23.6 14.0 21.0#

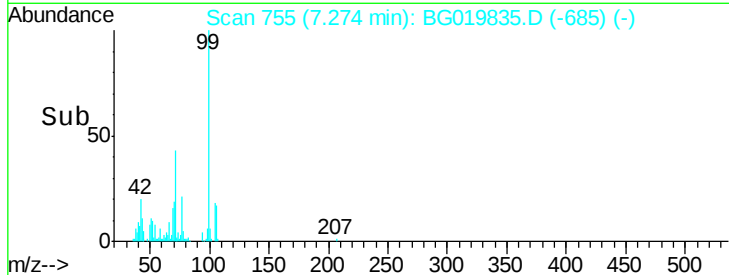
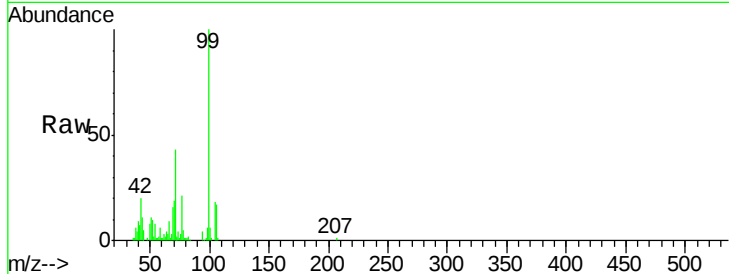
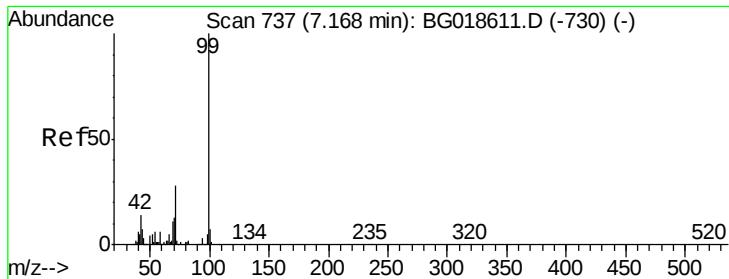


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 50.61 ng

RT: 7.27 min Scan# 755

Delta R.T. 0.11 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

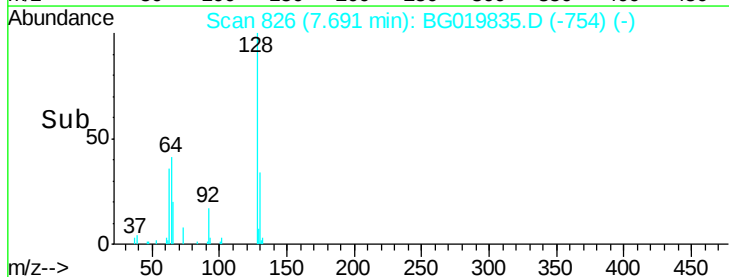
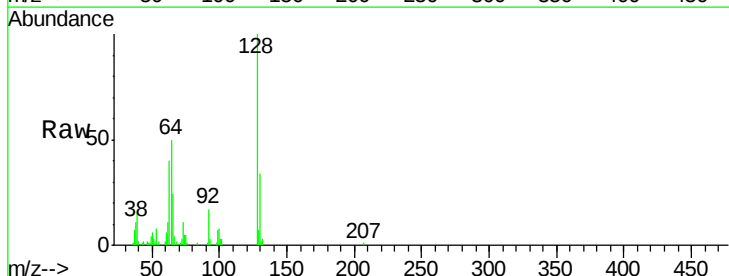
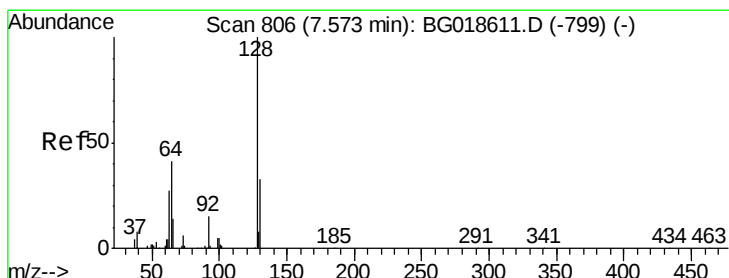
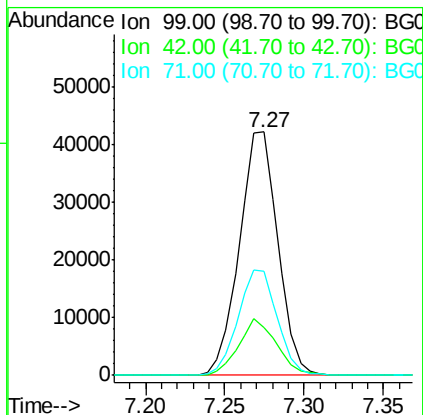
Tot Ion: 99 Resp: 71067

Ion Ratio Lower Upper

99 100

42 19.6 11.5 17.3#

71 42.7 22.6 34.0#



#8

2-Chlorophenol

Concen: 25.30 ng

RT: 7.69 min Scan# 826

Delta R.T. 0.12 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

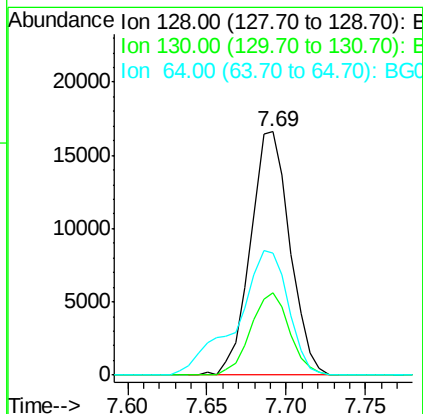
Tgt Ion:128 Resp: 28613

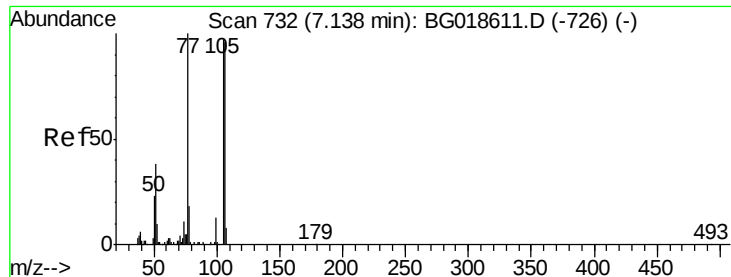
Ion Ratio Lower Upper

128 100

130 33.7 13.0 53.0

64 50.4 28.2 68.2





#9

Benzaldehyde

Concen: 31.72 ng

RT: 7.26 min Scan# 753

Delta R.T. 0.12 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

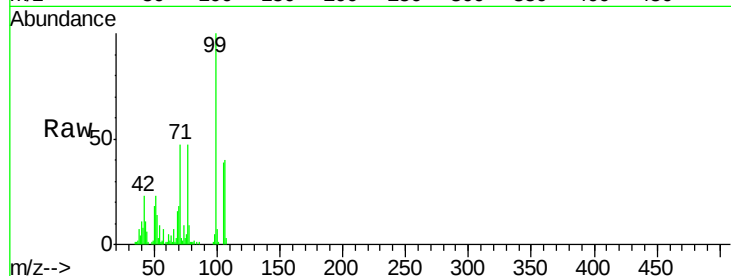
Tot Ion: 77 Resp: 23980

Ion Ratio Lower Upper

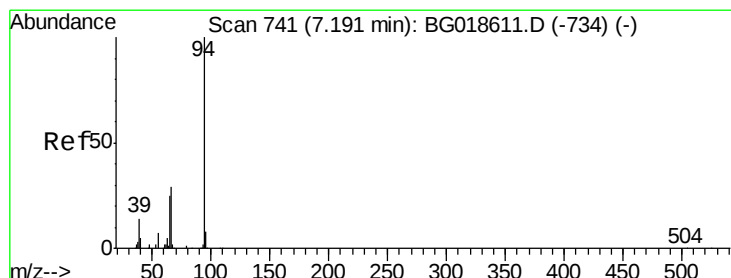
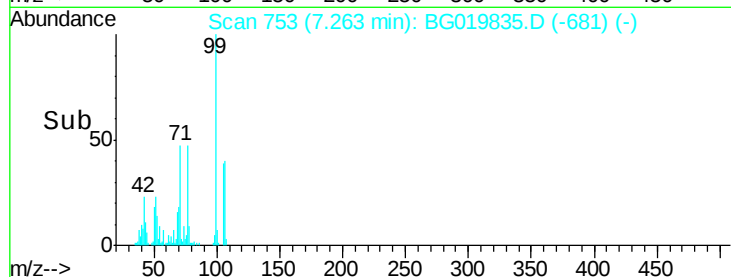
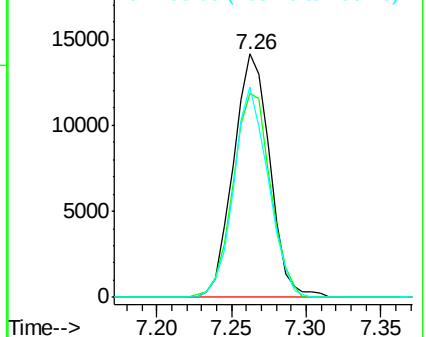
77 100

105 83.8 77.7 117.7

106 86.2 75.8 115.8



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: 25.35 ng

RT: 7.30 min Scan# 759

Delta R.T. 0.11 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

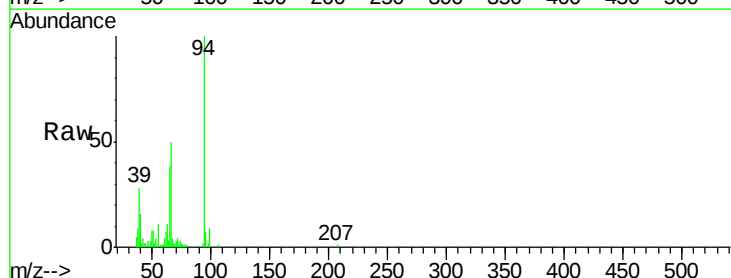
Tgt Ion: 94 Resp: 37615

Ion Ratio Lower Upper

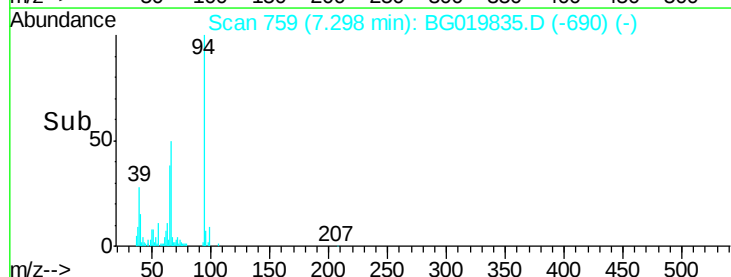
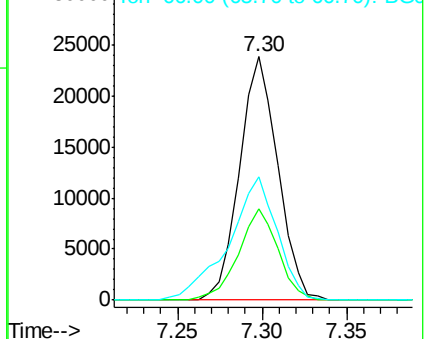
94 100

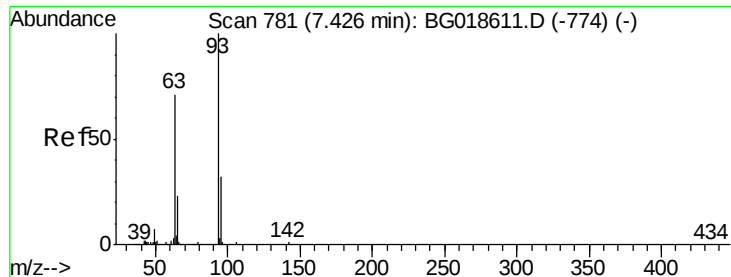
65 37.8 5.4 45.4

66 50.5 11.8 51.8



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

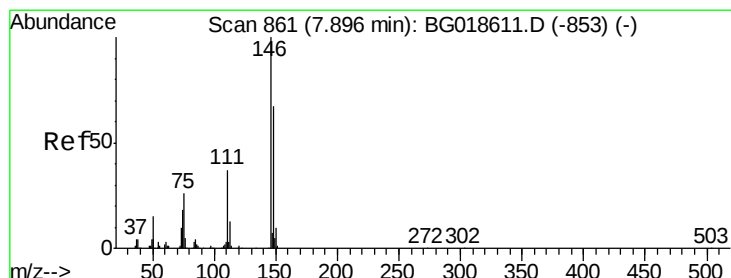
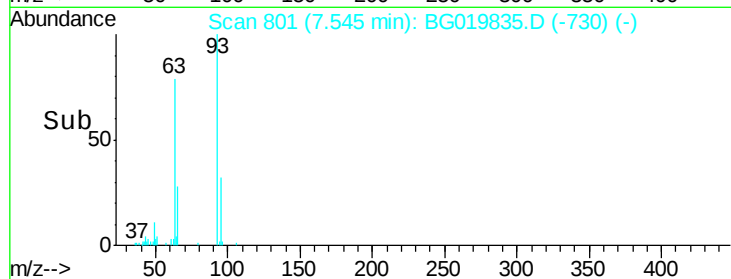
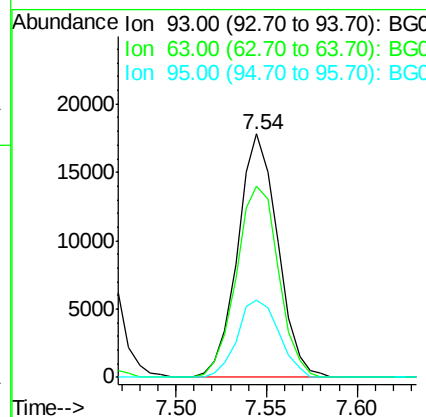
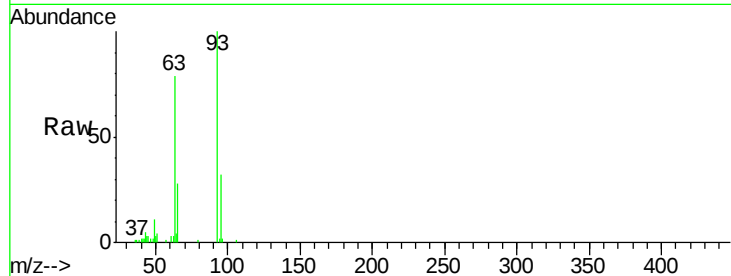




#11
bis(2-Chloroethyl)ether
Concen: 23.79 ng
RT: 7.54 min Scan# 801
Delta R.T. 0.12 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

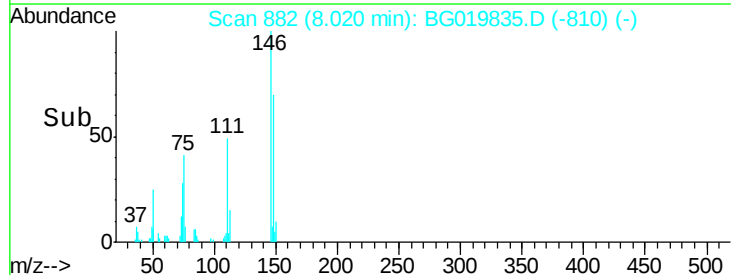
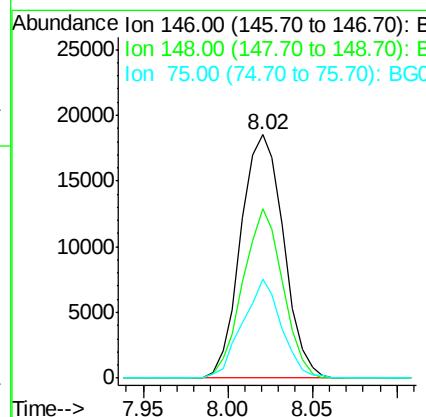
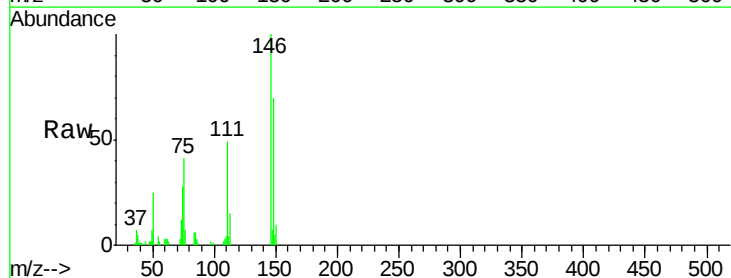
Instrument :
BNA_G
ClientSampleId :

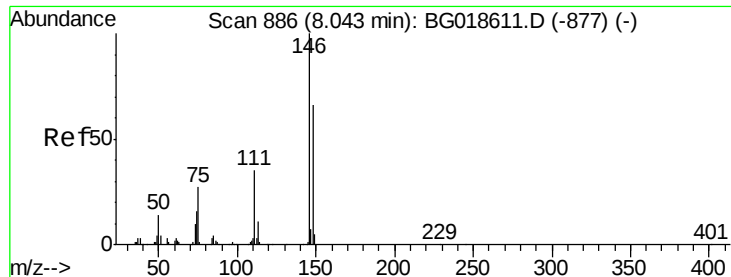
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	50.5	90.5
95	31.8	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 24.71 ng
RT: 8.02 min Scan# 882
Delta R.T. 0.12 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.5	53.4	80.0
75	40.8	21.1	31.7

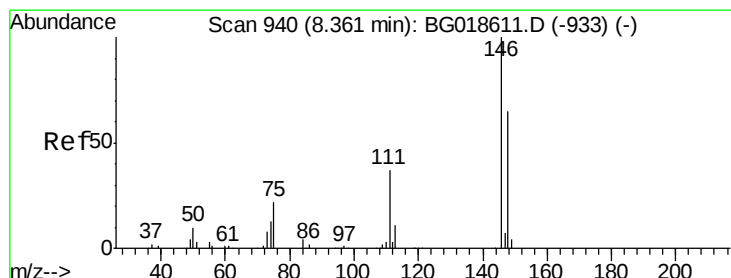
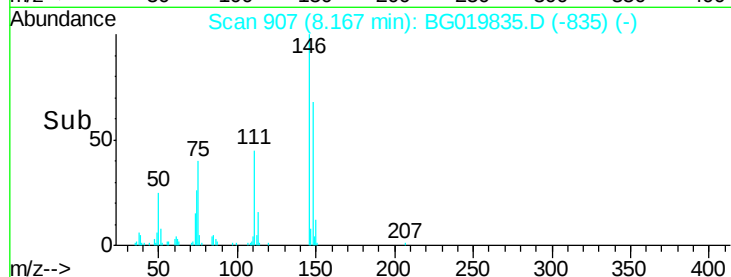
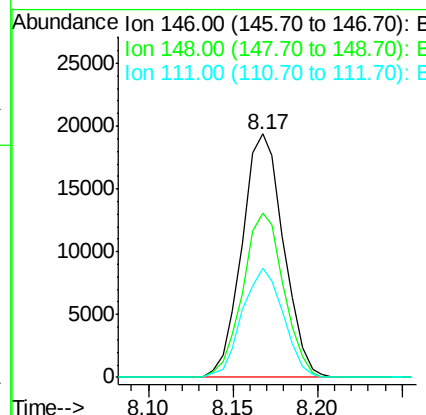
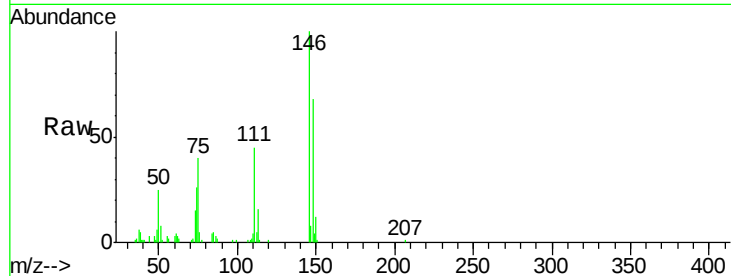




#13
 1,4-Dichlorobenzene
 Concen: 25.09 ng
 RT: 8.17 min Scan# 907
 Delta R.T. 0.12 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

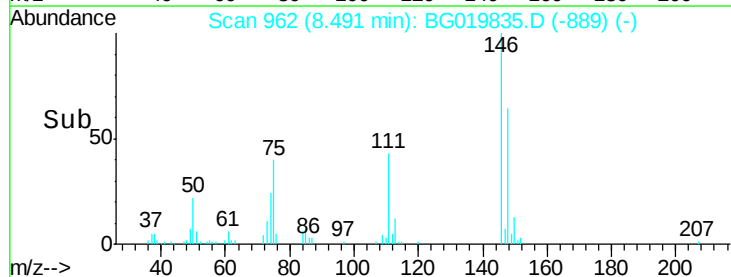
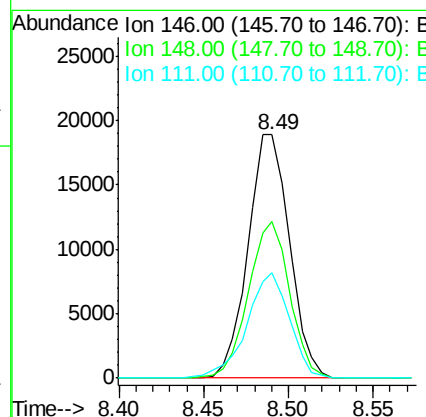
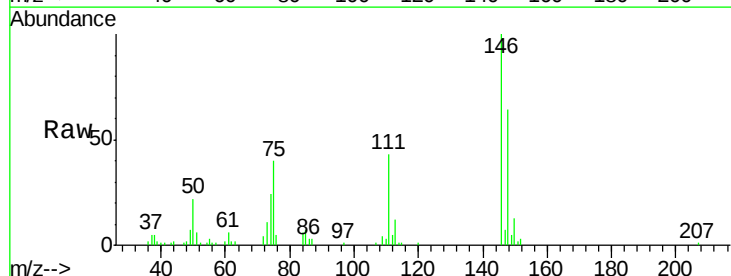
Instrument :
 BNA_G
 ClientSampled :

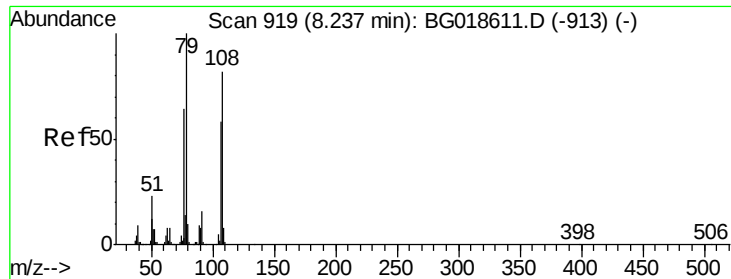
Tot Ion:146 Resp: 33106
 Ion Ratio Lower Upper
 146 100
 148 67.7 52.5 78.7
 111 44.8 28.3 42.5#



#14
 1,2-Dichlorobenzene
 Concen: 25.66 ng
 RT: 8.49 min Scan# 962
 Delta R.T. 0.13 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Tgt Ion:146 Resp: 32329
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.5 78.7
 111 43.4 29.9 44.9

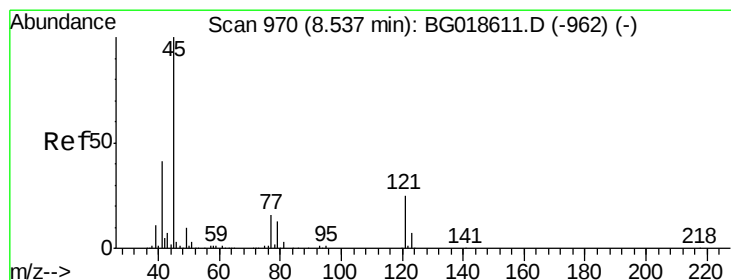
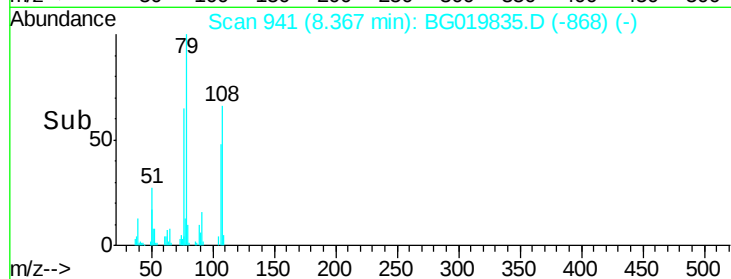
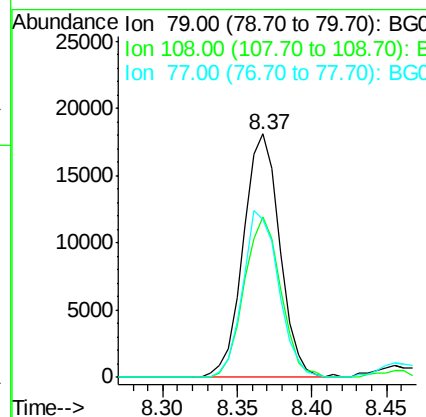
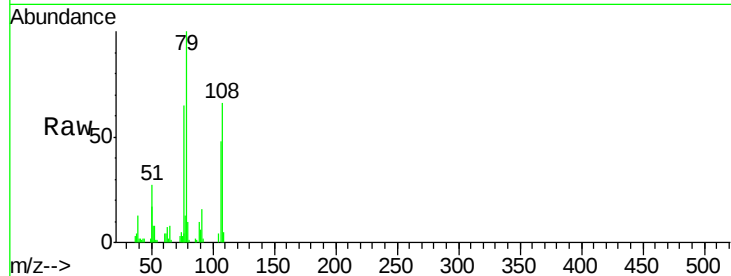




#15
Benzyl Alcohol
Concen: 30.21 ng
RT: 8.37 min Scan# 941
Delta R.T. 0.13 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

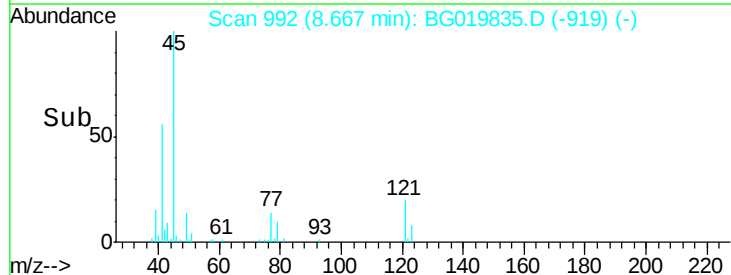
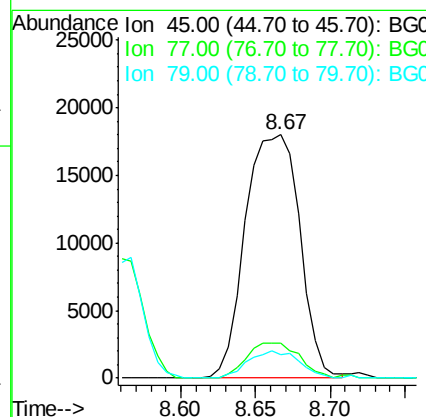
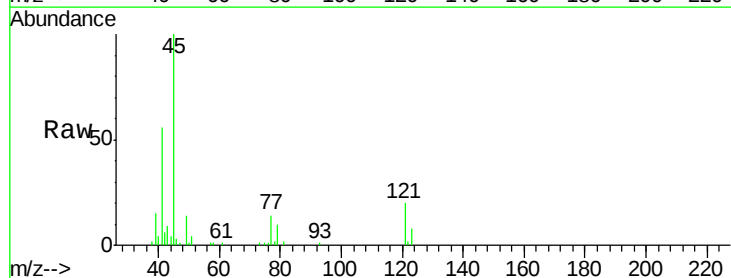
Instrument :
BNA_G
ClientSampleId :

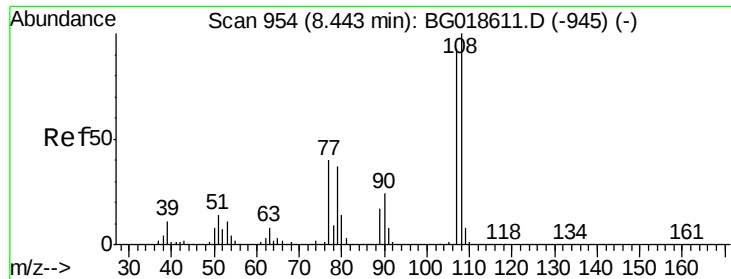
Tot Ion: 79 Resp: 30581
Ion Ratio Lower Upper
79 100
108 65.9 65.5 98.3
77 64.9 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.91 ng
RT: 8.67 min Scan# 992
Delta R.T. 0.13 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion: 45 Resp: 45573
Ion Ratio Lower Upper
45 100
77 14.2 0.0 37.0
79 9.6 0.0 33.8





#17

2-Methylphenol

Concen: 25.66 ng

RT: 8.56 min Scan# 974

Delta R.T. 0.12 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 26447

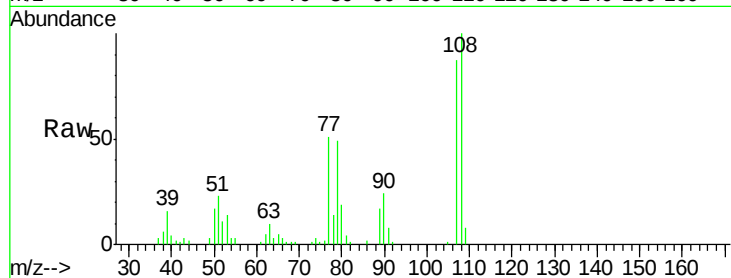
Ion Ratio Lower Upper

107 100

108 114.9 86.5 129.7

77 58.3 34.6 51.8#

79 56.1 32.3 48.5#

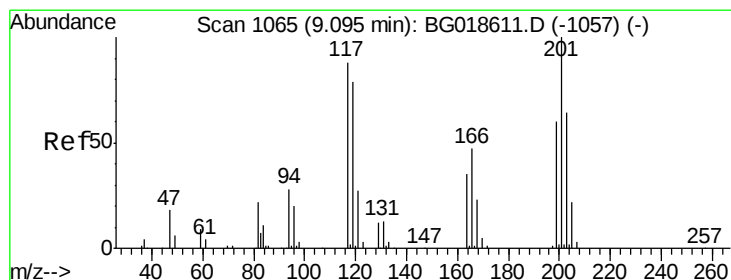
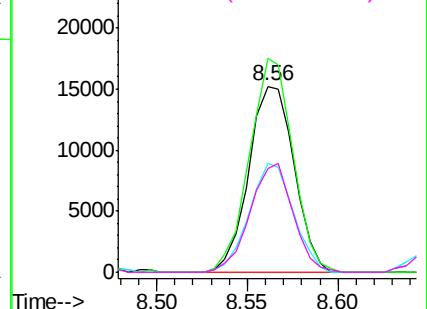
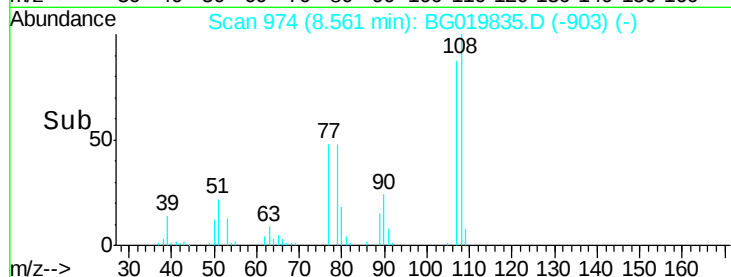


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 27.02 ng

RT: 9.22 min Scan# 1087

Delta R.T. 0.13 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

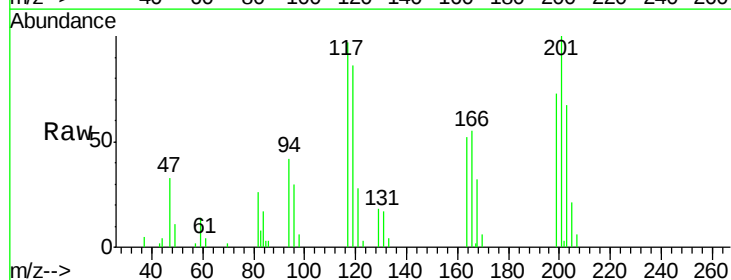
Tgt Ion:117 Resp: 12750

Ion Ratio Lower Upper

117 100

119 88.0 71.7 107.5

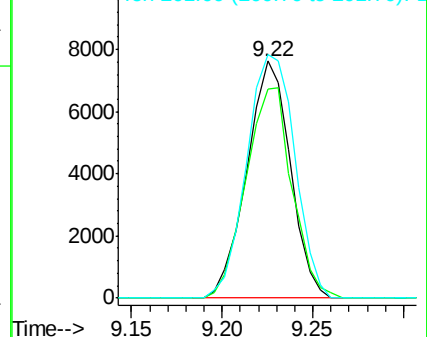
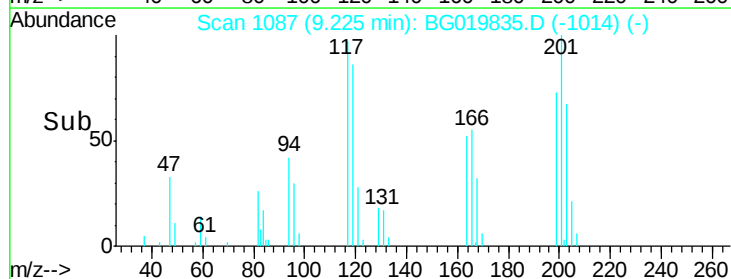
201 102.8 90.9 136.3

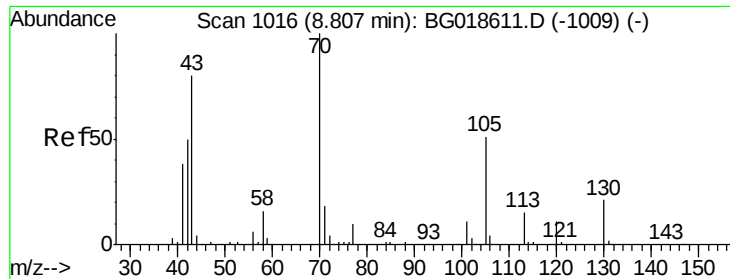


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

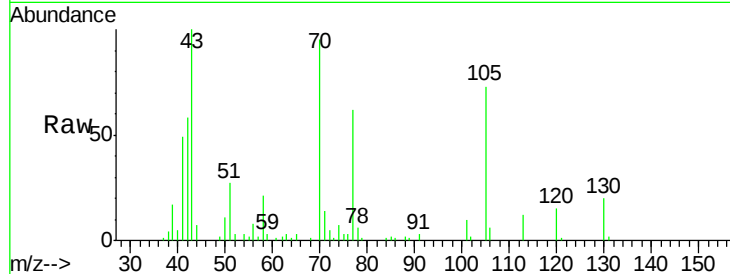




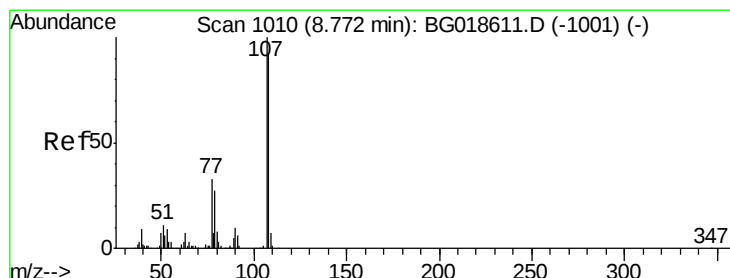
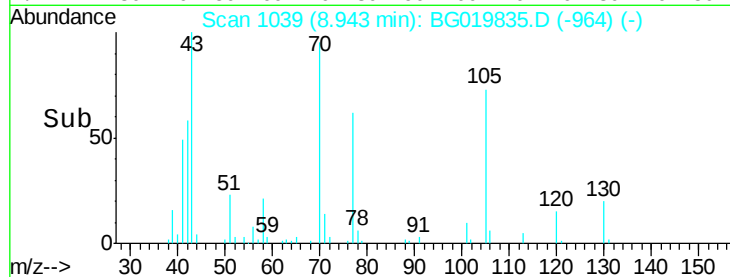
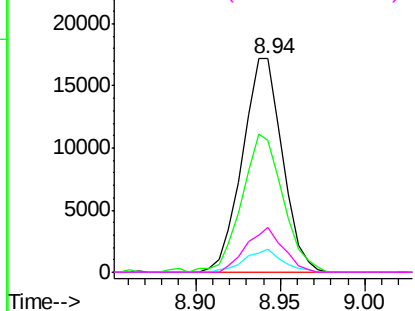
#19
n-Nitroso-di-n-propylamine
Concen: 28.65 ng
RT: 8.94 min Scan# 1039
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 28338
Ion Ratio Lower Upper
70 100
42 61.7 40.6 60.8#
101 10.6 8.6 13.0
130 20.9 17.0 25.6

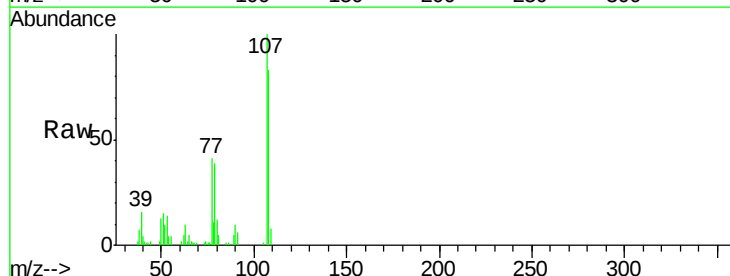


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

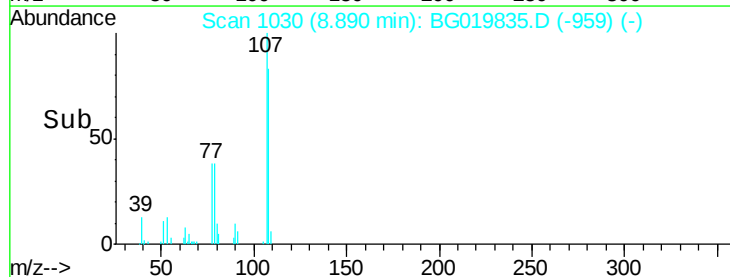
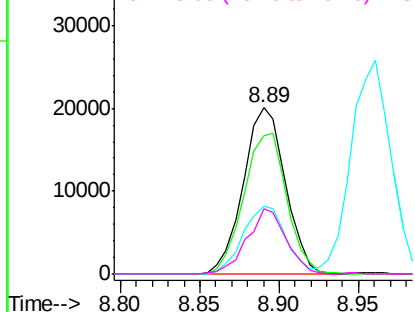


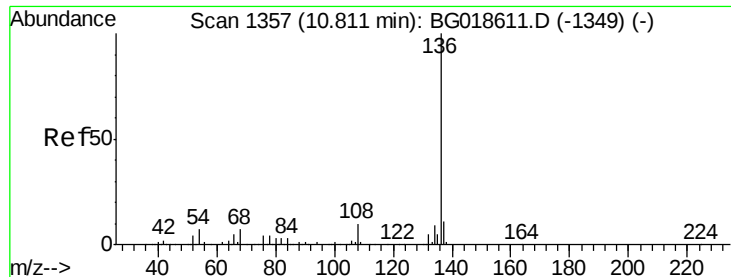
#20
3+4-Methylphenols
Concen: 25.61 ng
RT: 8.89 min Scan# 1030
Delta R.T. 0.12 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion:107 Resp: 37070
Ion Ratio Lower Upper
107 100
108 83.1 72.2 112.2
77 40.8 13.4 53.4
79 39.1 7.2 47.2



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 76300

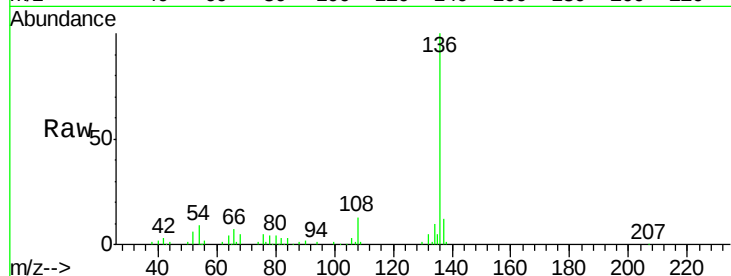
Ion Ratio Lower Upper

136 100

137 12.1 8.6 12.8

54 9.3 5.4 8.2#

68 5.2 5.3 7.9#

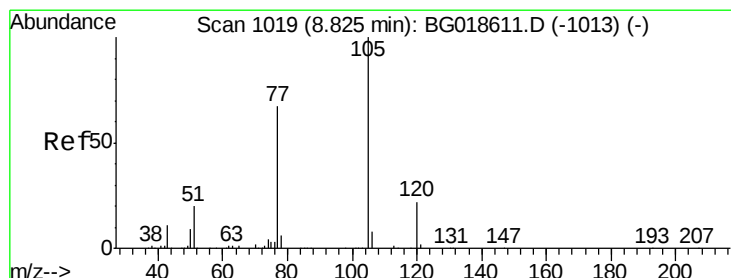
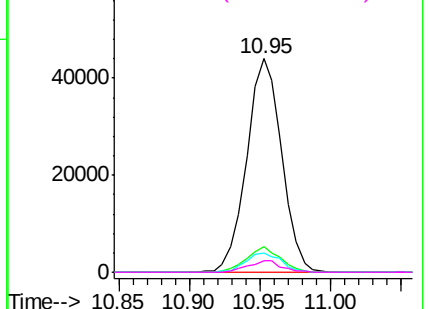
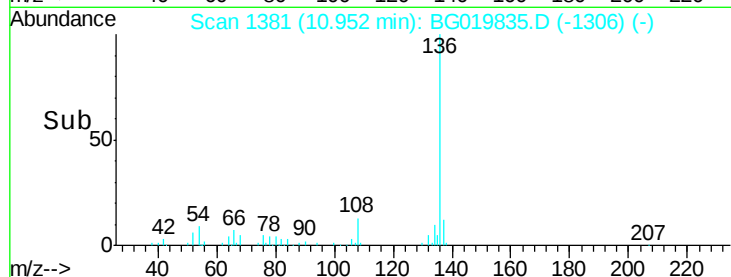


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.34 ng

RT: 8.96 min Scan# 1042

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Tgt Ion:105 Resp: 52848

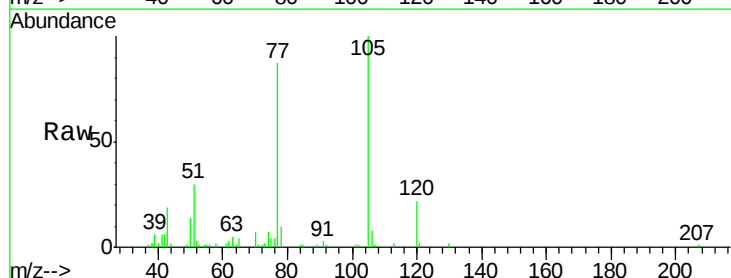
Ion Ratio Lower Upper

105 100

71 1.3 2.1 3.1#

51 29.6 17.8 26.8#

120 22.4 17.7 26.5

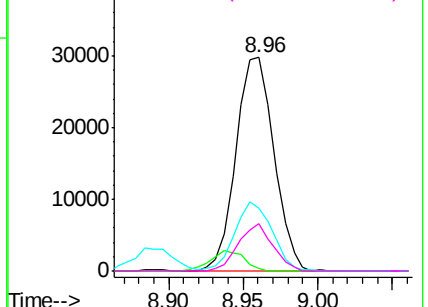
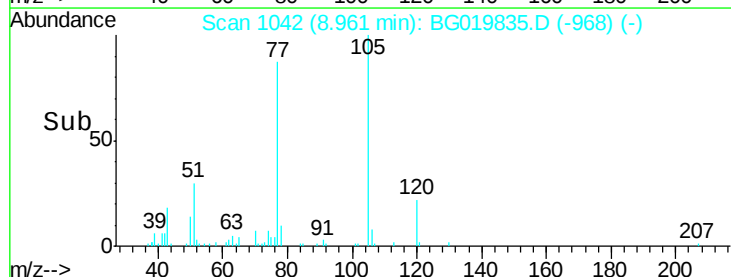


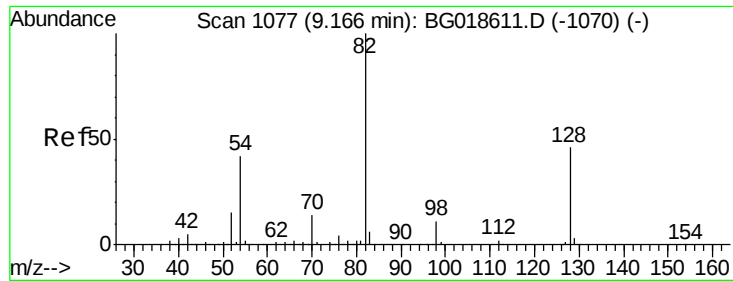
Abundance Ion 105.00 (104.70 to 105.70): E

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

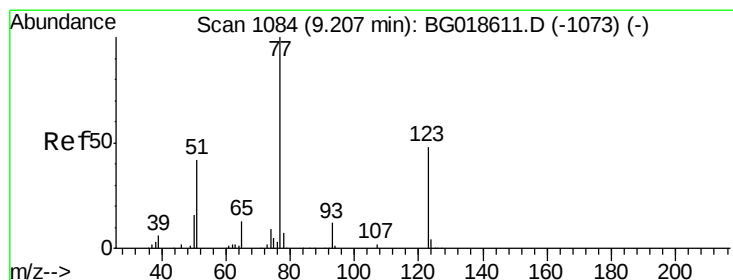
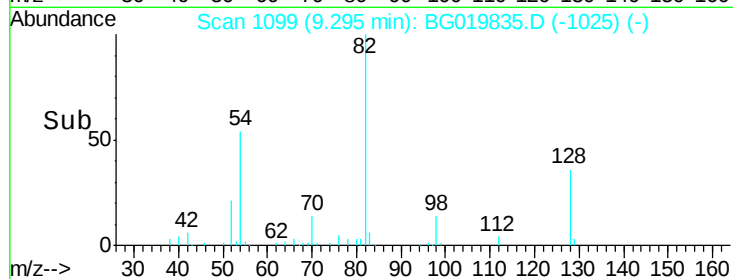
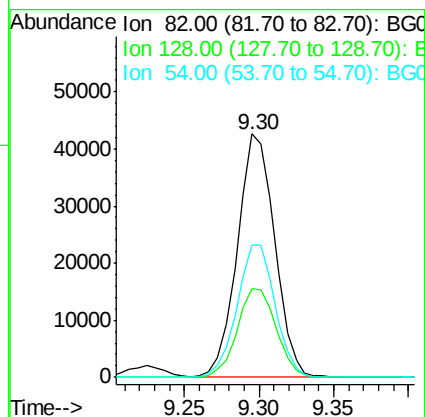
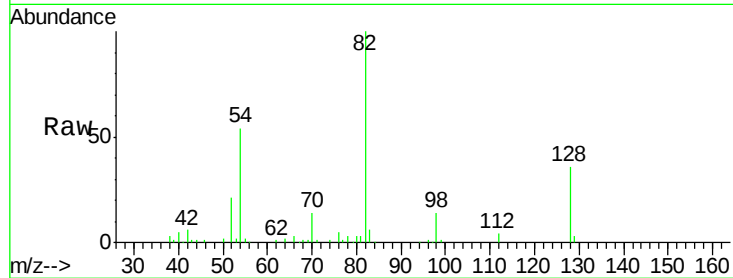




#23
Nitrobenzene-d5
Concen: 54.39 ng
RT: 9.30 min Scan# 1099
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

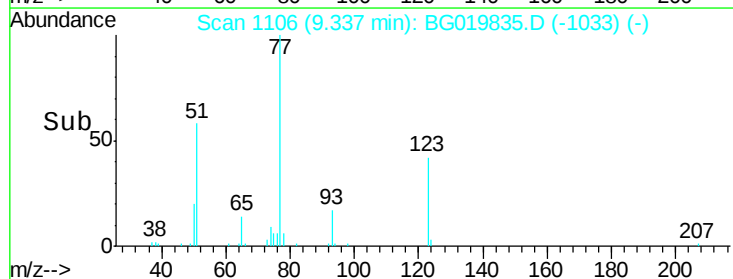
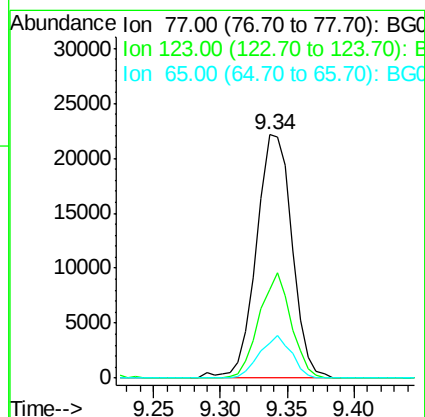
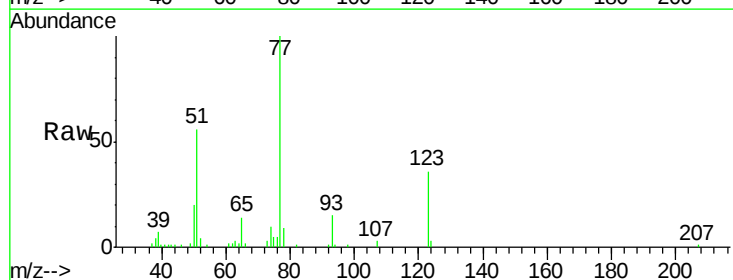
Instrument :
BNA_G
ClientSampleId :

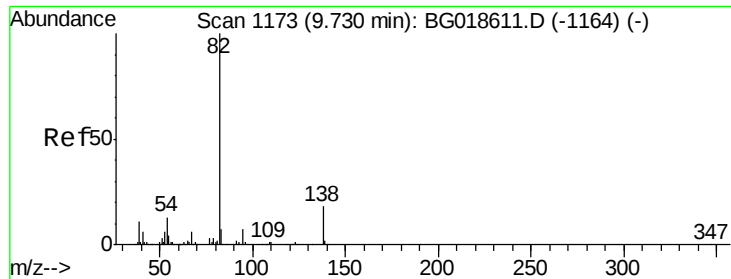
Tot Ion: 82 Resp: 74161
Ion Ratio Lower Upper
82 100
128 36.4 36.7 55.1#
54 54.5 33.8 50.8#



#24
Nitrobenzene
Concen: 28.24 ng
RT: 9.34 min Scan# 1106
Delta R.T. 0.13 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion: 77 Resp: 40884
Ion Ratio Lower Upper
77 100
123 36.4 38.2 57.2#
65 14.3 10.6 16.0





#25

Isophorone

Concen: 27.19 ng

RT: 9.87 min Scan# 1197

Delta R.T. 0.15 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

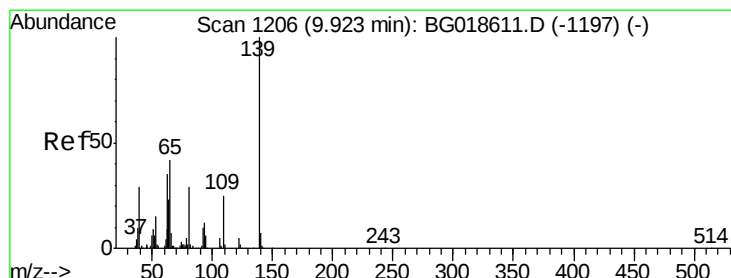
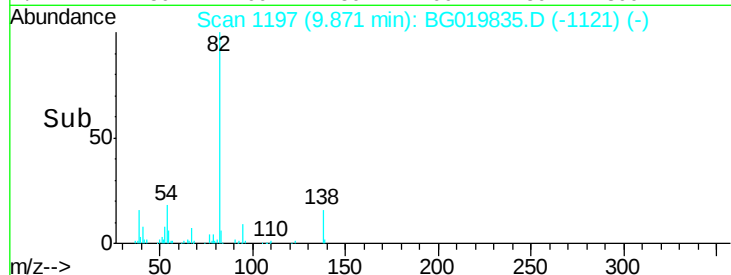
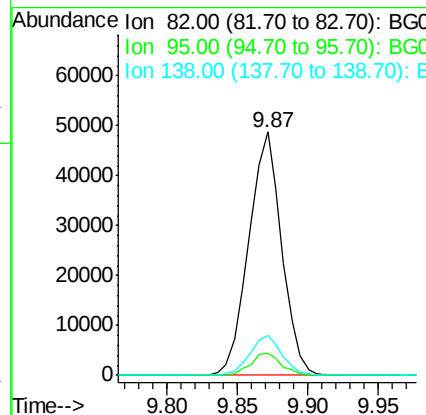
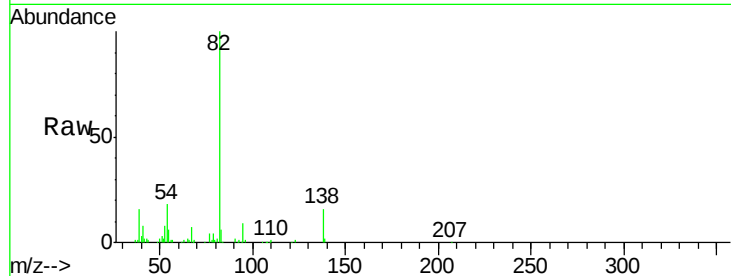
Tot Ion: 82 Resp: 79733

Ion Ratio Lower Upper

82 100

95 9.3 5.2 7.8#

138 16.3 14.4 21.6



#26

2-Nitrophenol

Concen: 23.37 ng

RT: 10.06 min Scan# 1229

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

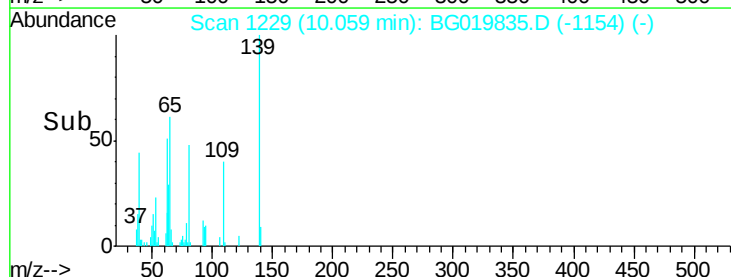
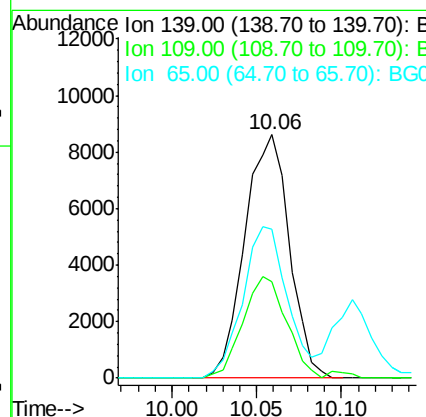
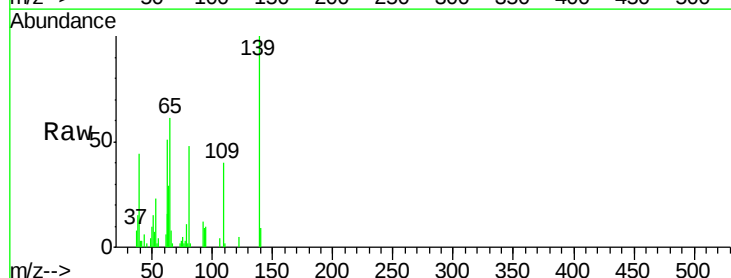
Tgt Ion: 139 Resp: 15784

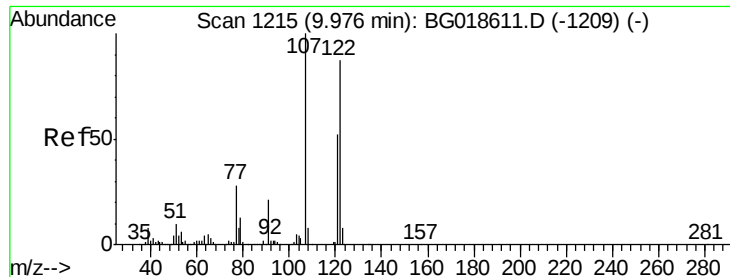
Ion Ratio Lower Upper

139 100

109 39.8 20.1 30.1#

65 61.0 34.1 51.1#

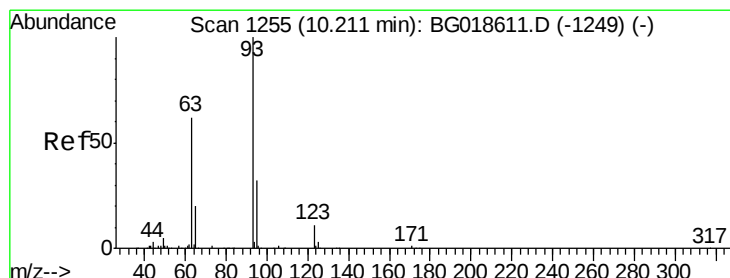
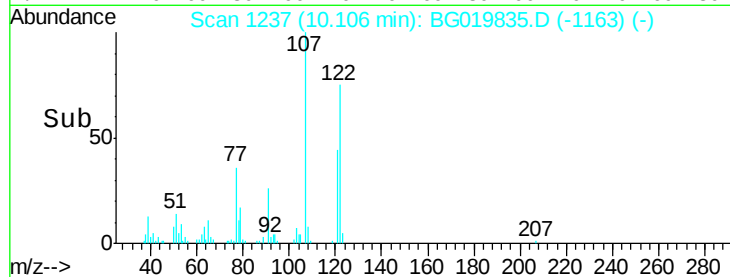
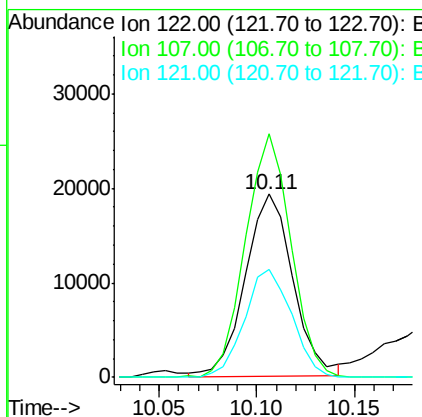
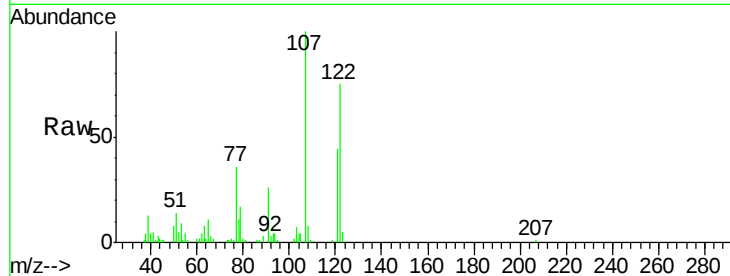




#27
 2,4-Dimethylphenol
 Concen: 26.78 ng
 RT: 10.11 min Scan# 1237
 Delta R.T. 0.14 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

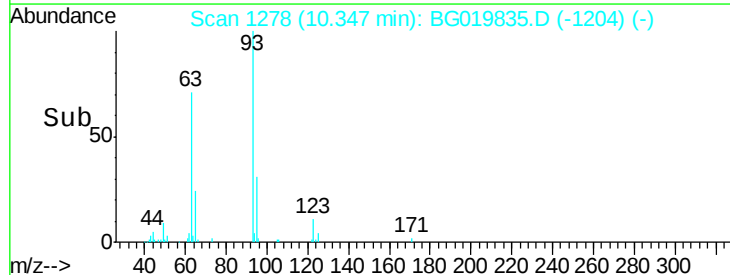
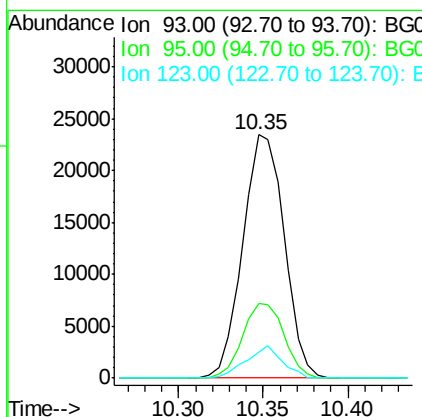
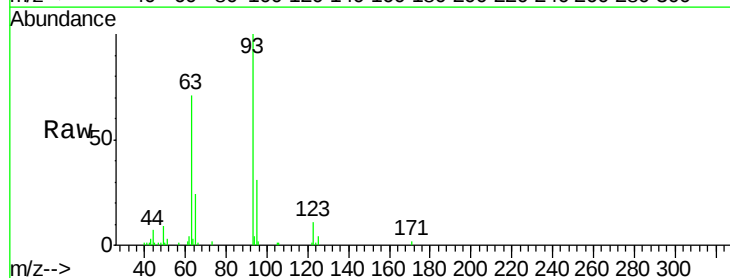
Instrument :
 BNA_G
 ClientSampleId :

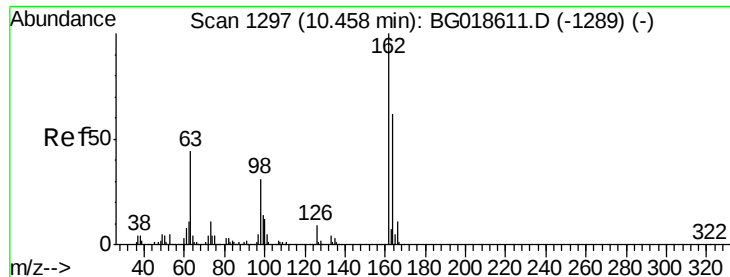
Tot Ion:122 Resp: 32848
 Ion Ratio Lower Upper
 122 100
 107 132.9 91.6 137.4
 121 58.8 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.76 ng
 RT: 10.35 min Scan# 1278
 Delta R.T. 0.14 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Tgt Ion: 93 Resp: 40002
 Ion Ratio Lower Upper
 93 100
 95 30.6 25.7 38.5
 123 10.7 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 26.82 ng

RT: 10.59 min Scan# 1319

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

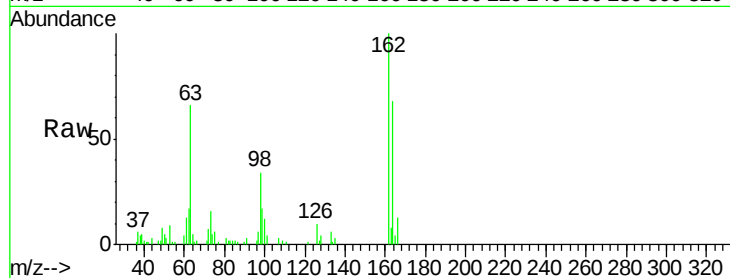
Tot Ion:162 Resp: 33241

Ion Ratio Lower Upper

162 100

164 68.2 42.3 82.3

98 33.7 11.5 51.5

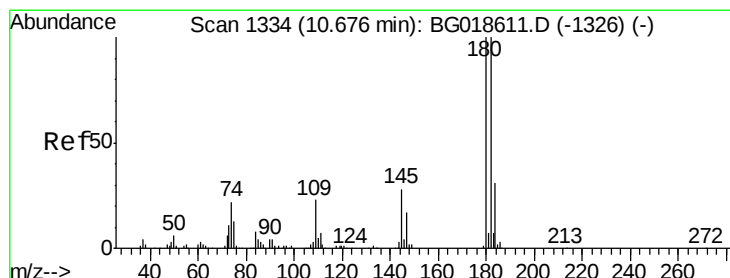
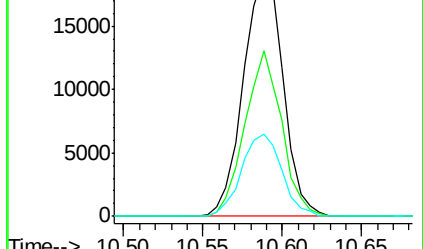
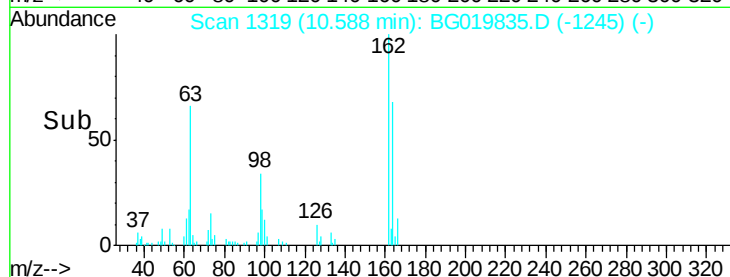


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 27.93 ng

RT: 10.81 min Scan# 1357

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

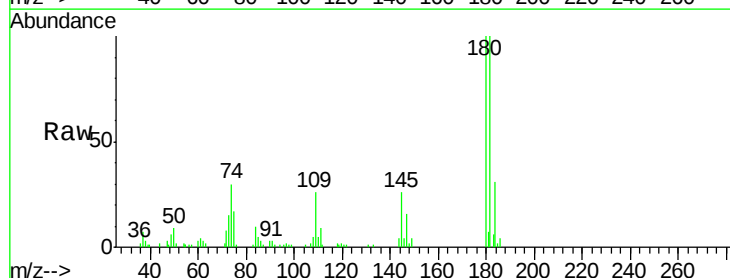
Tgt Ion:180 Resp: 38370

Ion Ratio Lower Upper

180 100

182 99.6 79.7 119.5

145 26.3 22.0 33.0

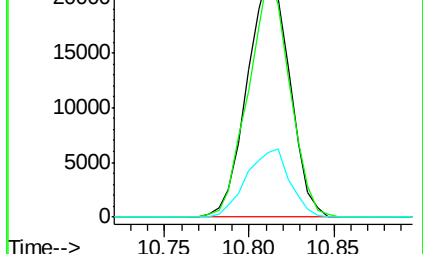
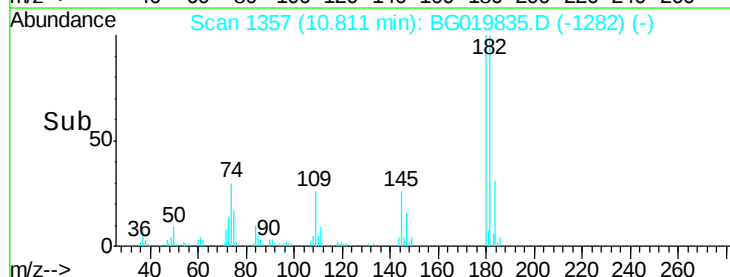


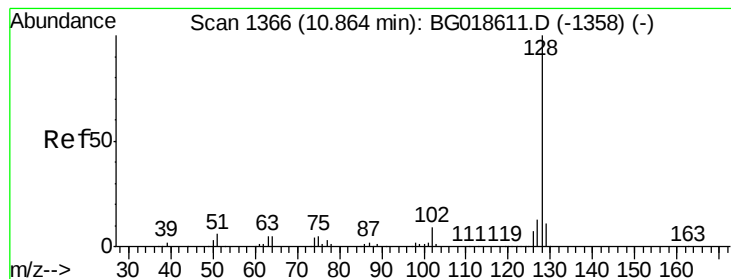
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->





#31

Naphthalene

Concen: 25.28 ng

RT: 11.01 min Scan# 1390

Delta R.T. 0.15 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

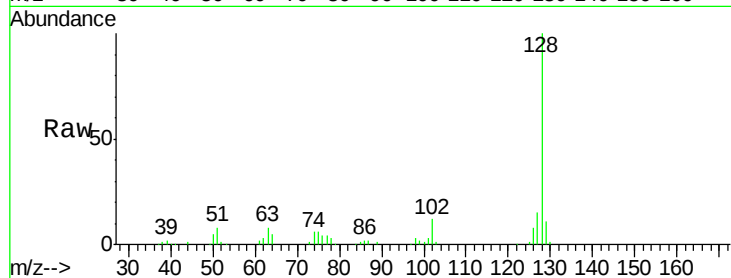
Tot Ion:128 Resp: 103298

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

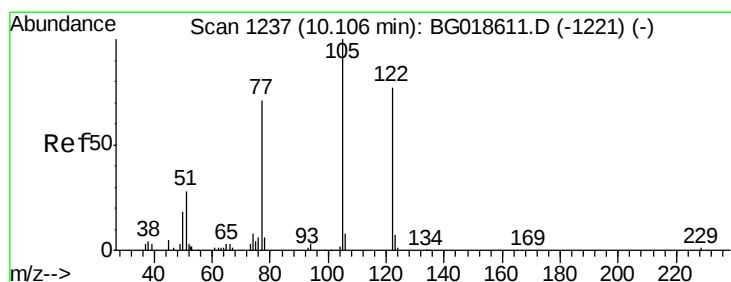
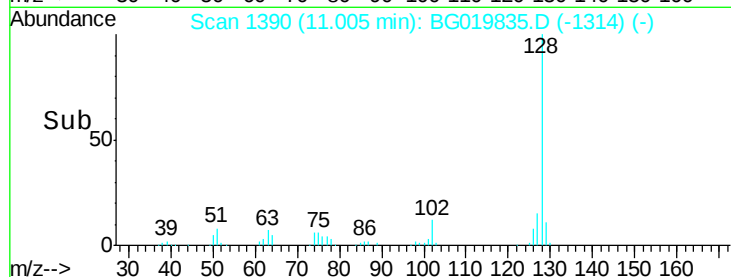
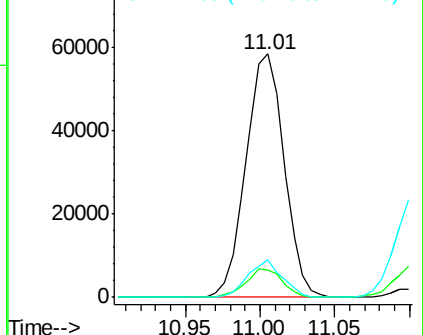
127 15.2 10.6 16.0



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: 19.68 ng

RT: 10.20 min Scan# 1253

Delta R.T. 0.10 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

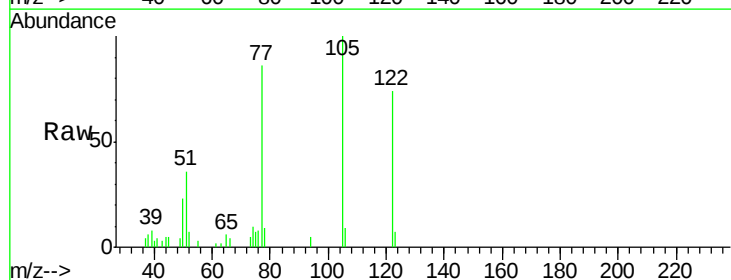
Tgt Ion:122 Resp: 17777

Ion Ratio Lower Upper

122 100

105 134.4 103.8 143.8

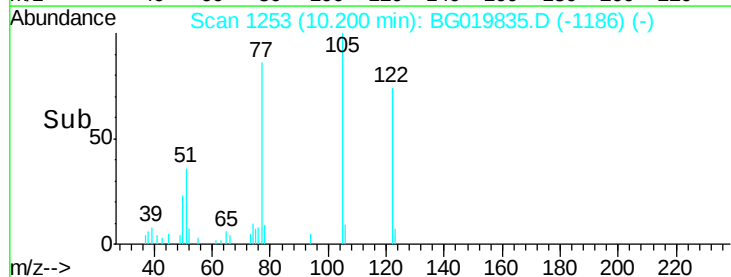
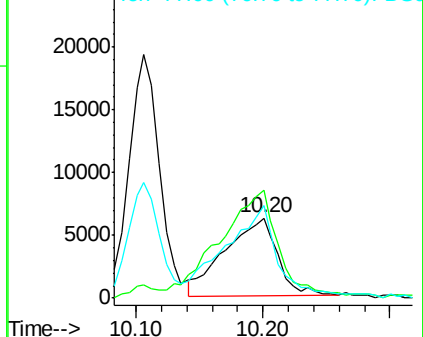
77 115.9 68.8 108.8#

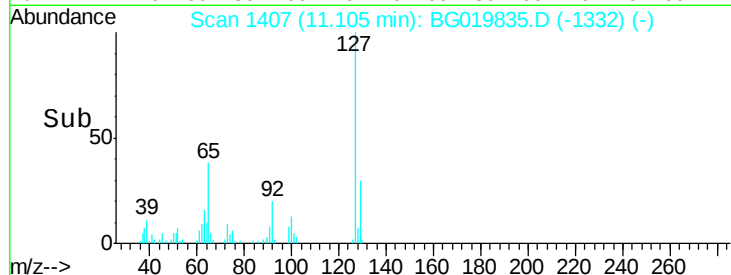
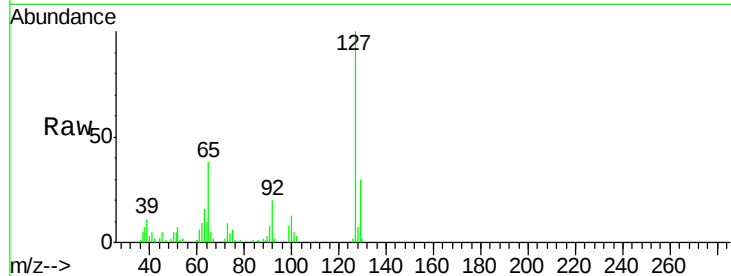
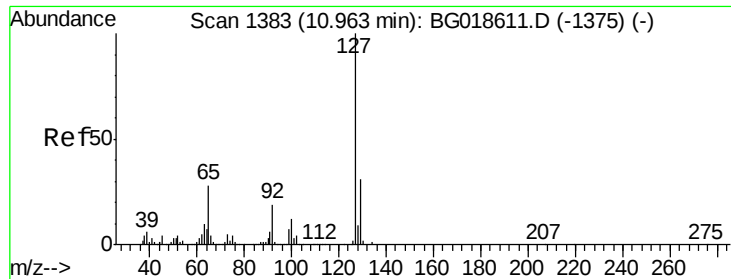


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGO

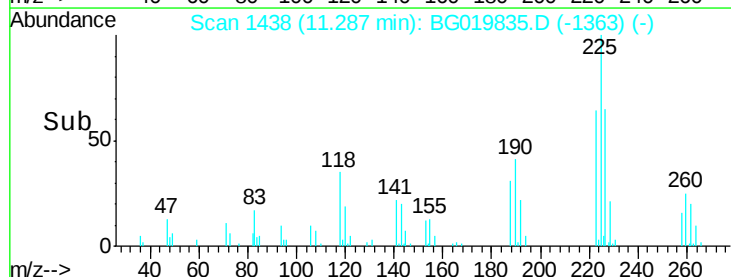
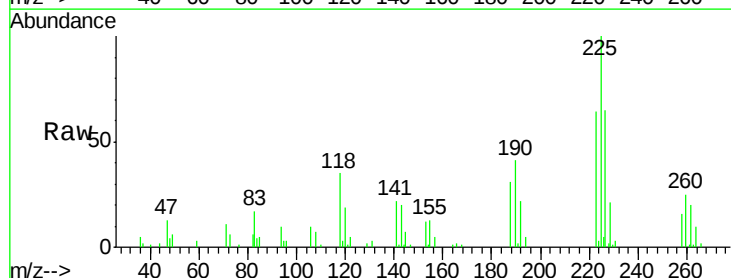
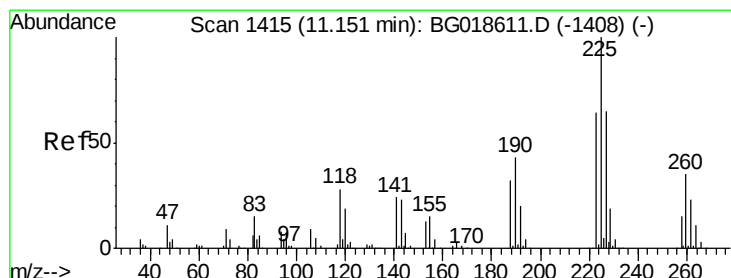
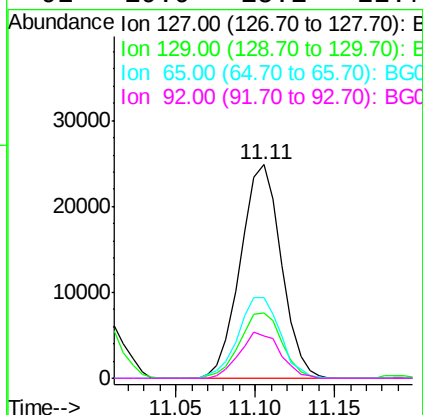




#33
4-Chloroaniline
Concen: 24.02 ng
RT: 11.11 min Scan# 1407
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

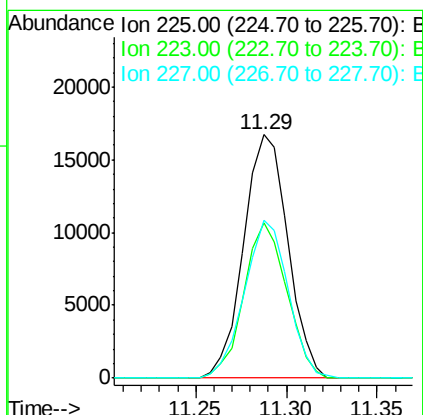
Instrument :
BNA_G
ClientSampleId :

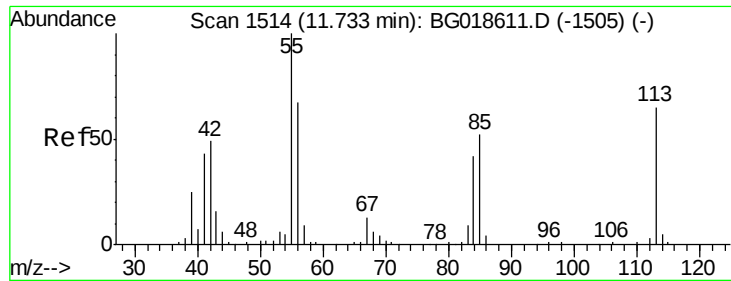
Tot Ion:127	Resp:	44409
Ion Ratio	Lower	Upper
127	100	
129	30.3	24.6 37.0
65	37.8	22.6 33.8
92	19.9	15.1 22.7



#34
Hexachlorobutadiene
Concen: 34.98 ng
RT: 11.29 min Scan# 1438
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion:225	Resp:	28331
Ion Ratio	Lower	Upper
225	100	
223	63.7	51.0 76.4
227	61.4	51.8 77.8





#35

Caprolactam

Concen: 23.16 ng

RT: 11.88 min Scan# 1539

Delta R.T. 0.18 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

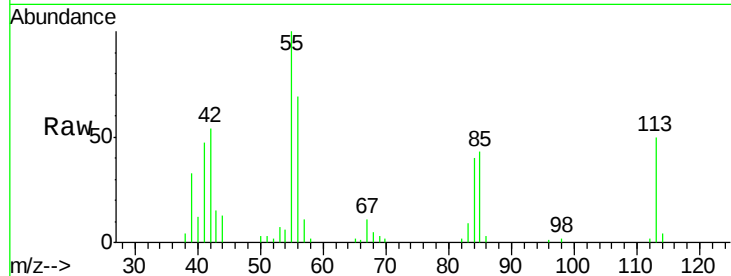
Tot Ion:113 Resp: 12342

Ion Ratio Lower Upper

113 100

55 200.3 135.0 175.0#

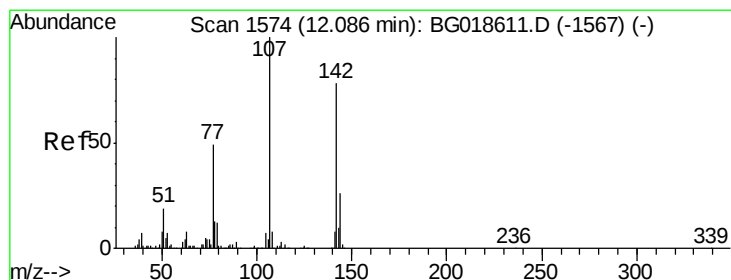
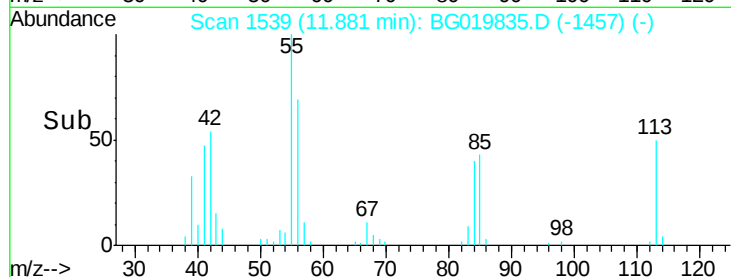
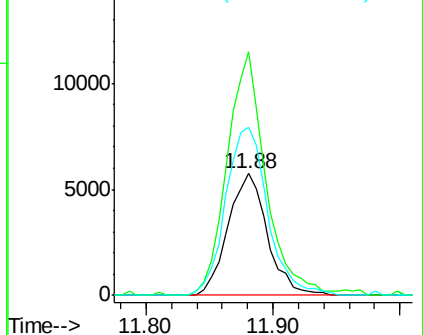
56 137.8 83.4 123.4#



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: 30.07 ng

RT: 12.21 min Scan# 1595

Delta R.T. 0.12 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

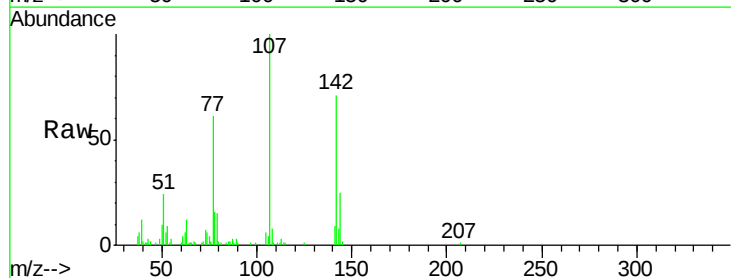
Tgt Ion:107 Resp: 41582

Ion Ratio Lower Upper

107 100

144 24.6 20.6 31.0

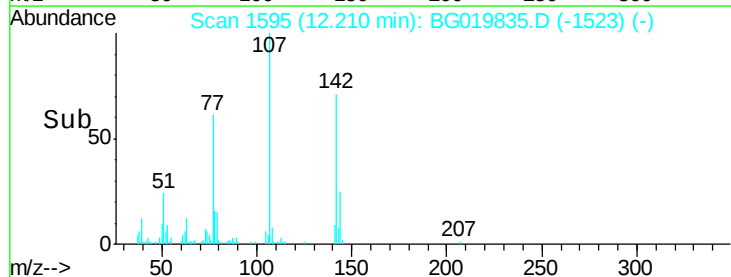
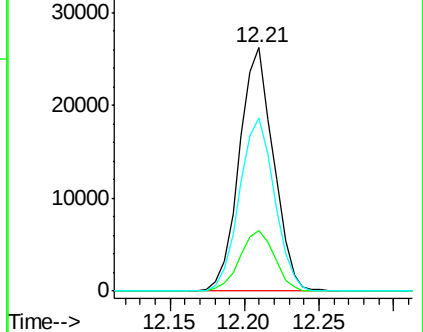
142 71.1 62.6 93.8

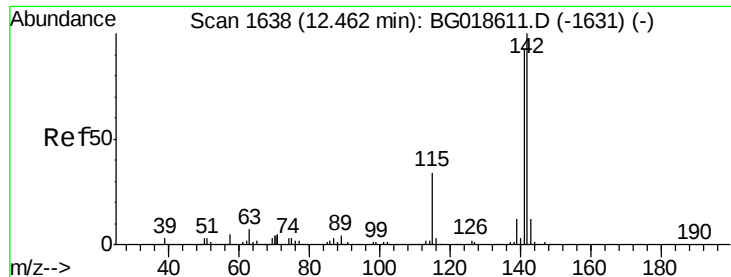


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

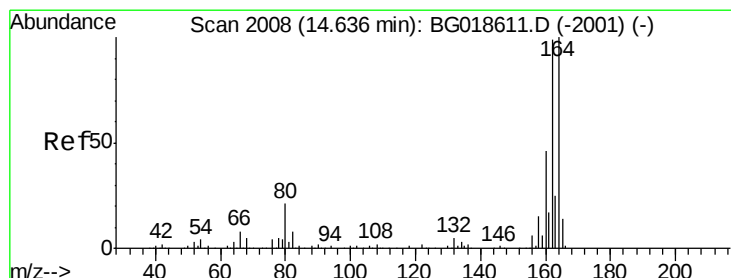
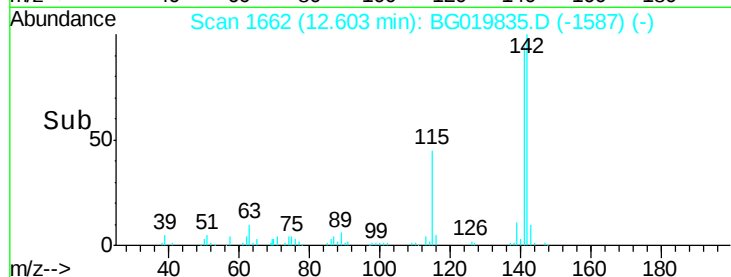
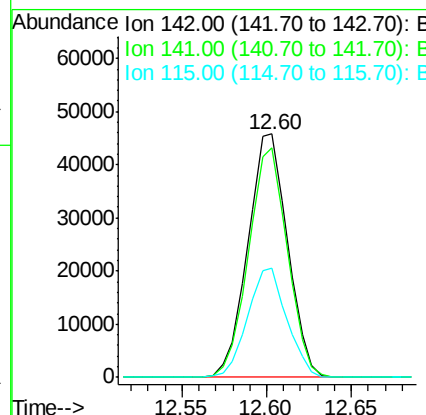
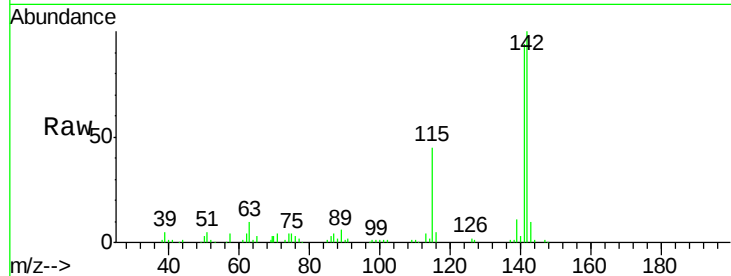




#37
2-Methylnaphthalene
Concen: 25.09 ng
RT: 12.60 min Scan# 1662
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

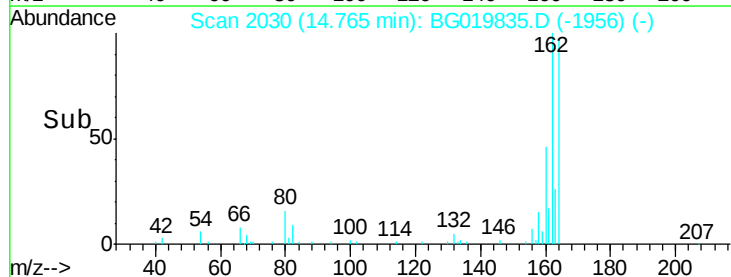
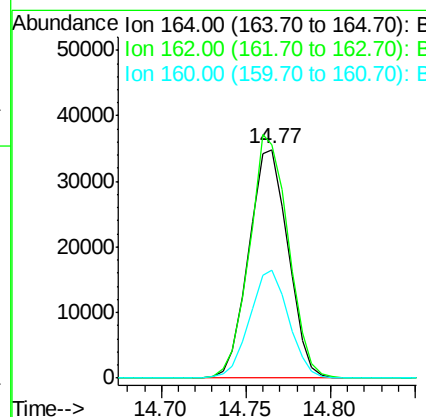
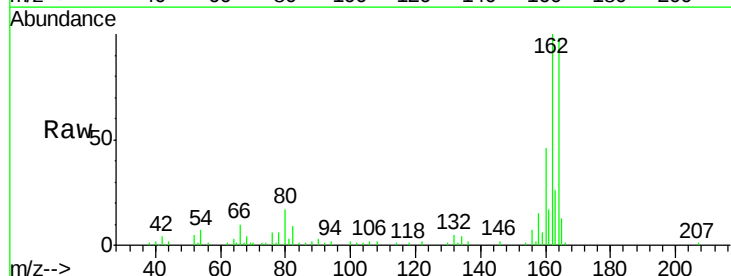
Instrument :
BNA_G
ClientSampleId :

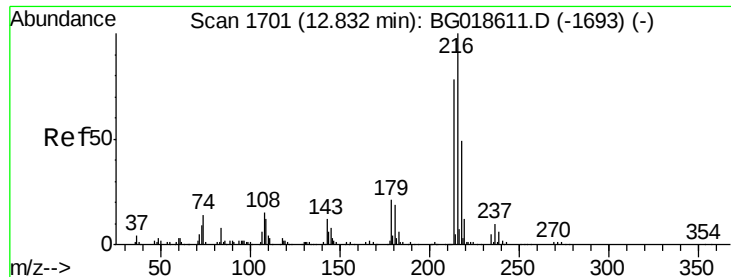
Tot Ion:142 Resp: 75035
Ion Ratio Lower Upper
142 100
141 94.0 74.6 112.0
115 44.9 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.77 min Scan# 2030
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion:164 Resp: 56477
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 46.9 36.4 54.6

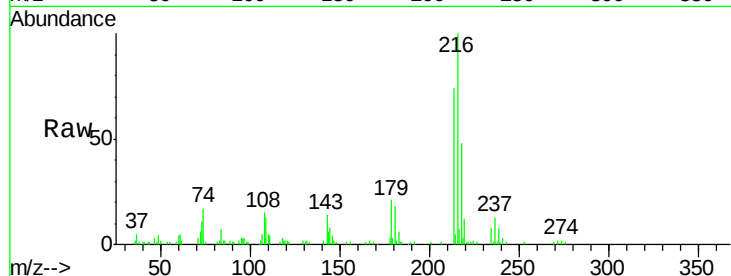




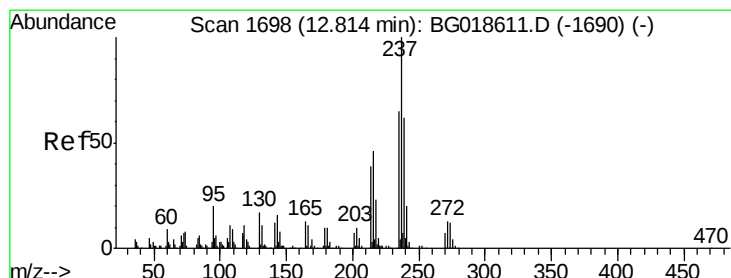
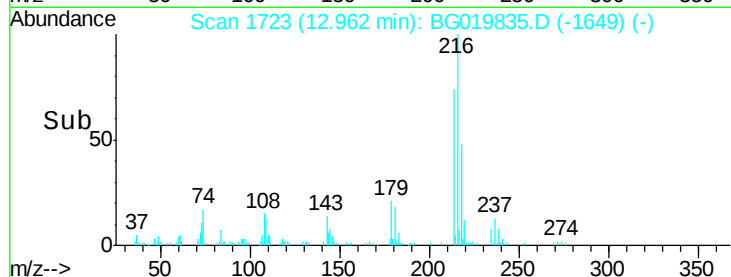
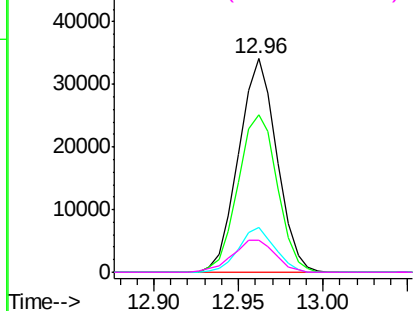
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.98 ng
 RT: 12.96 min Scan# 1723
 Delta R.T. 0.14 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	53699
Ion	Ratio	Lower	Upper
216	100		
214	75.8	62.5	93.7
179	19.8	15.6	23.4
108	16.9	13.3	19.9

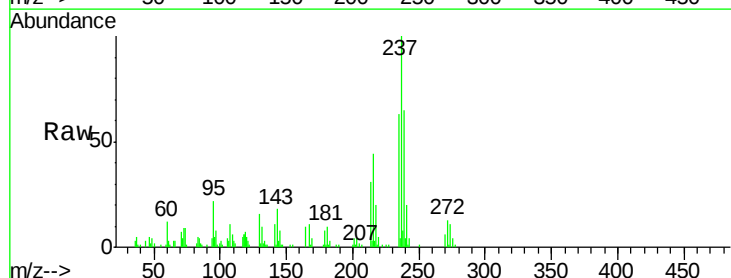


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

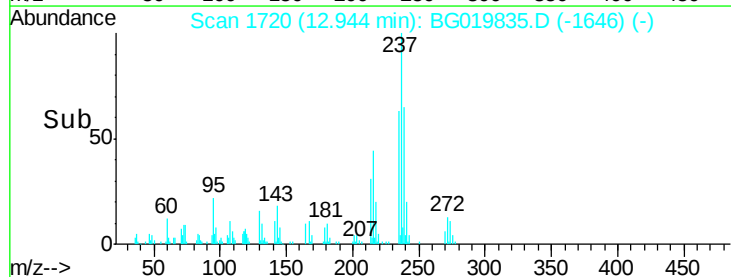
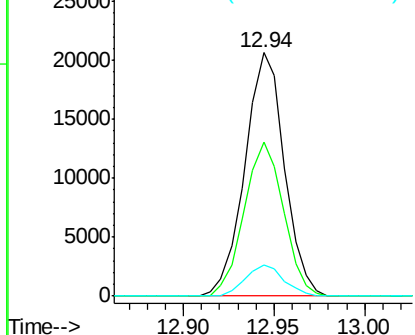


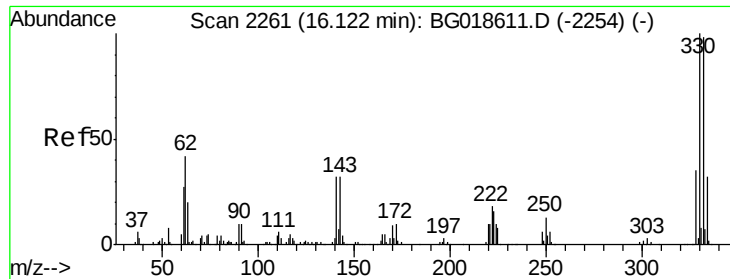
#40
 Hexachlorocyclopentadiene
 Concen: 34.68 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. 0.14 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Tgt Ion:	237	Resp:	31197
Ion	Ratio	Lower	Upper
237	100		
235	63.0	44.6	84.6
272	12.8	0.0	32.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

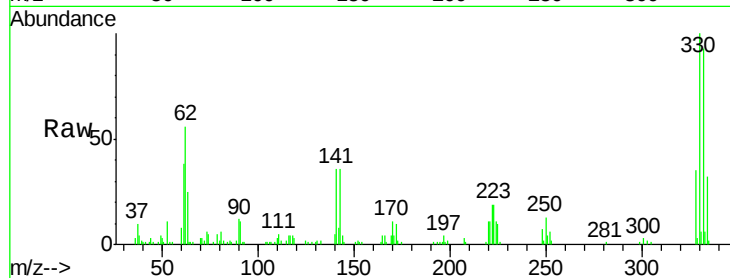




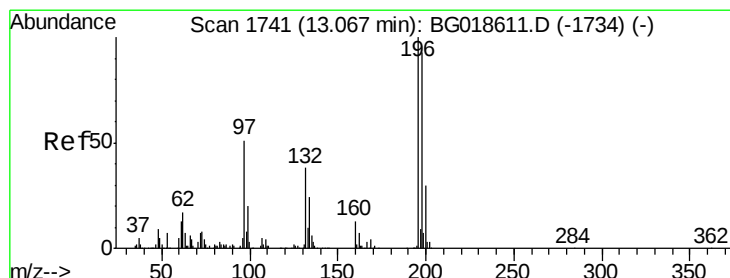
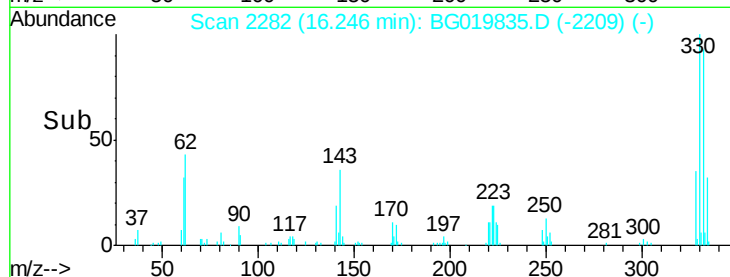
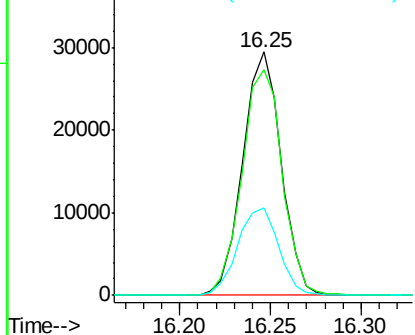
#41
 2,4,6-Tribromophenol
 Concen: 57.09 ng
 RT: 16.25 min Scan# 2282
 Delta R.T. 0.13 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 43414
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.1 117.1
 141 38.2 28.2 42.2

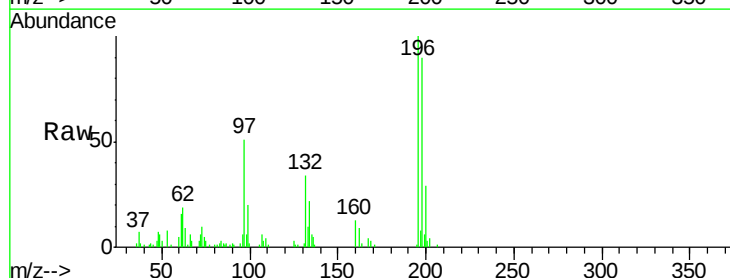


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

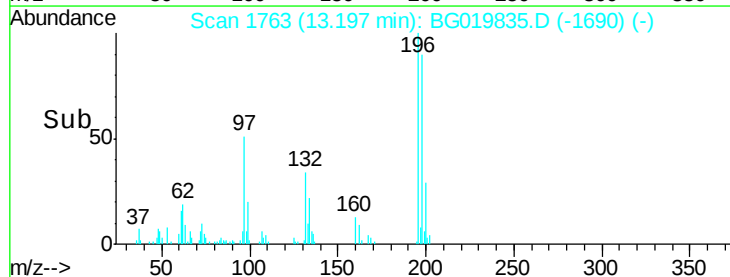
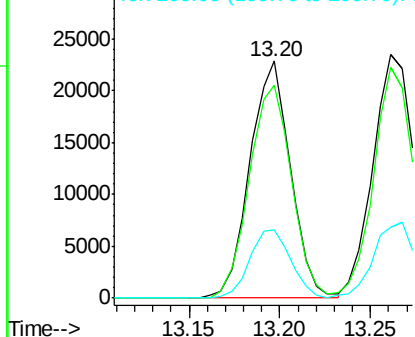


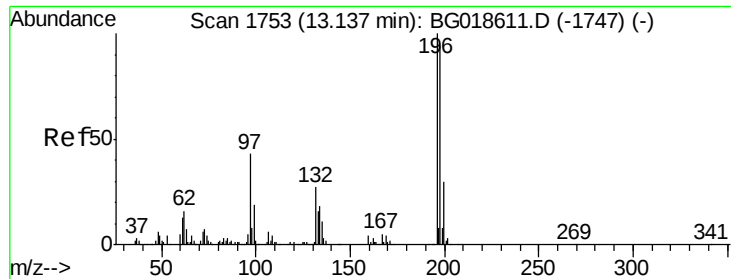
#42
 2,4,6-Trichlorophenol
 Concen: 28.74 ng
 RT: 13.20 min Scan# 1763
 Delta R.T. 0.13 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Tgt Ion:196 Resp: 35652
 Ion Ratio Lower Upper
 196 100
 198 89.9 74.7 112.1
 200 28.9 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

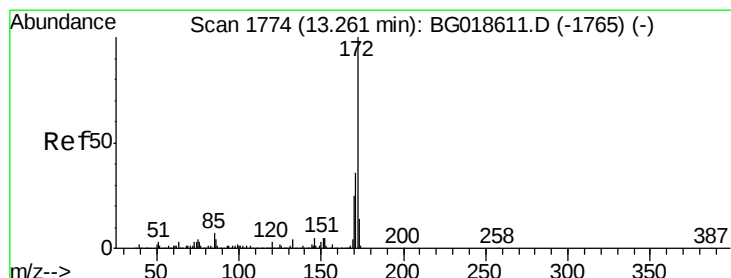
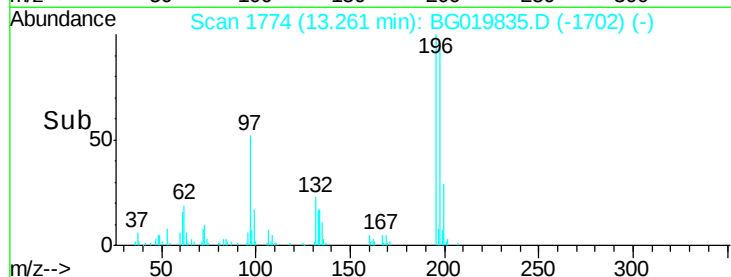
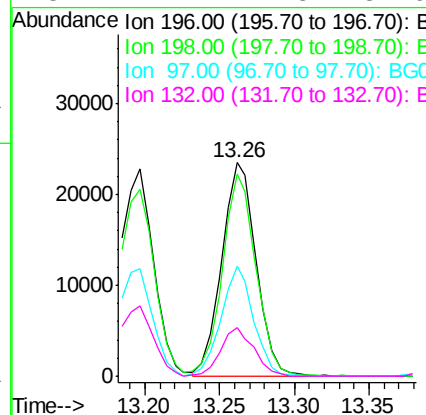
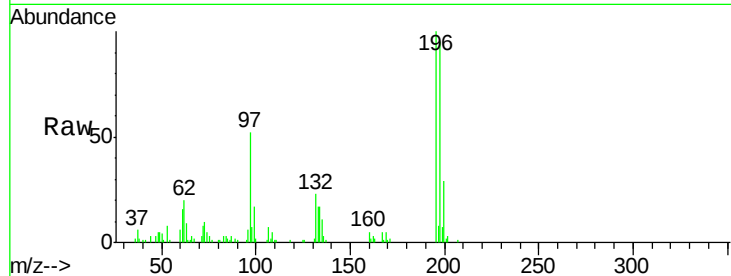




#43
 2,4,5-Trichlorophenol
 Concen: 27.84 ng
 RT: 13.26 min Scan# 1774
 Delta R.T. 0.12 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

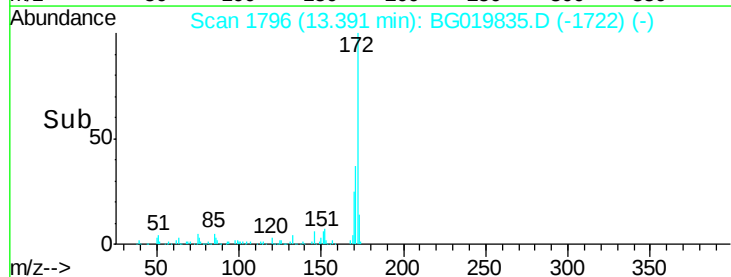
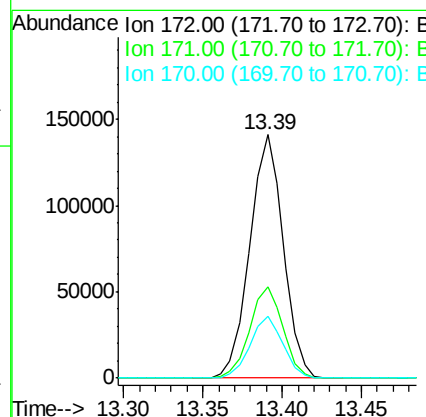
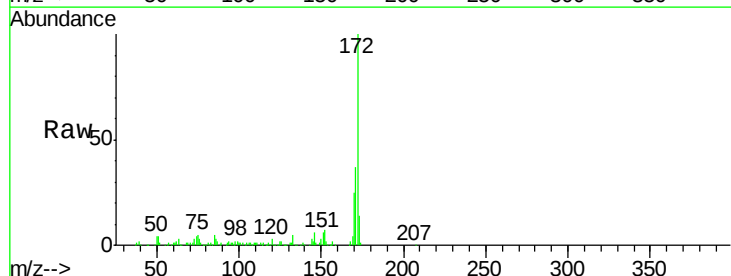
Instrument :
 BNA_G
 ClientSampleId :

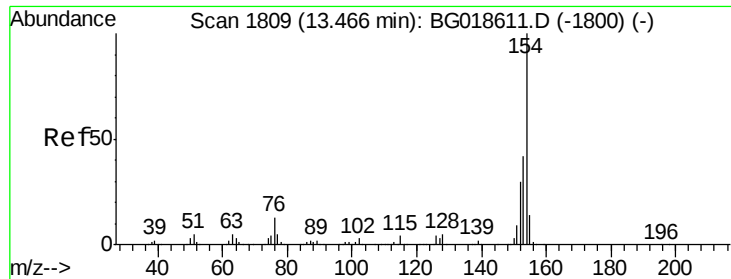
Tot Ion:196 Resp: 37882
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.2 112.8
 97 51.6 34.2 51.2#
 132 22.7 21.8 32.6



#44
 2-Fluorobiphenyl
 Concen: 50.81 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. 0.14 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Tgt Ion:172 Resp: 206736
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.0 43.6
 170 25.3 19.9 29.9





#45

1,1'-Biphenyl

Concen: 25.69 ng

RT: 13.60 min Scan# 1832

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

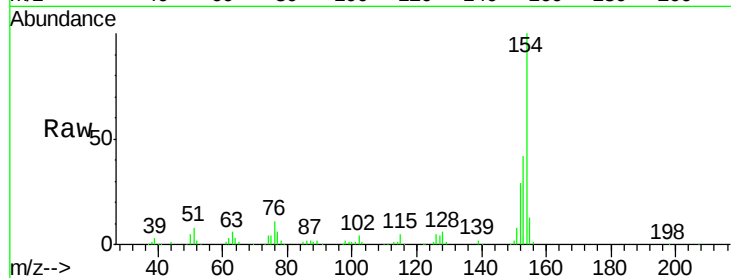
Tot Ion:154 Resp: 115396

Ion Ratio Lower Upper

154 100

153 41.7 21.9 61.9

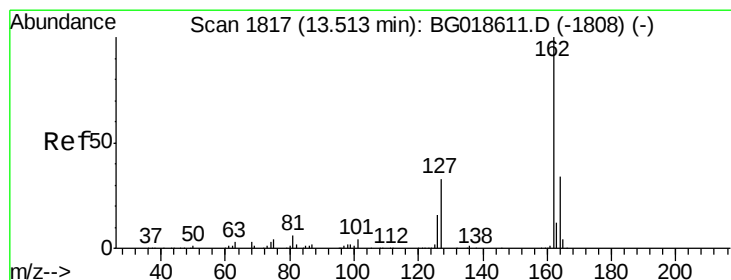
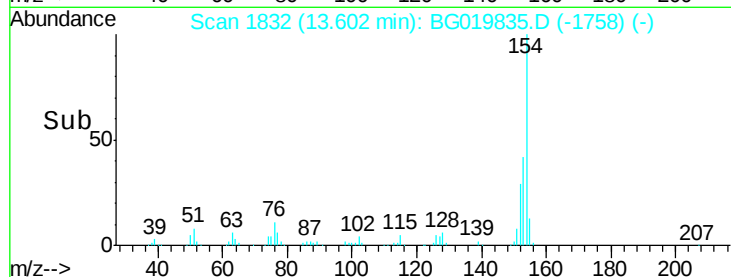
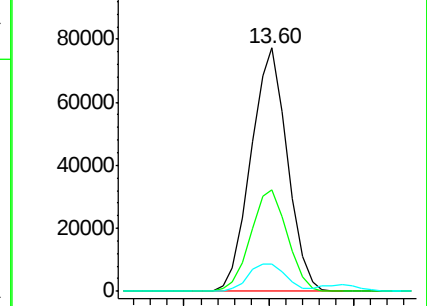
76 11.1 0.0 33.2



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): BGC



#46

2-Chloronaphthalene

Concen: 25.70 ng

RT: 13.64 min Scan# 1839

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

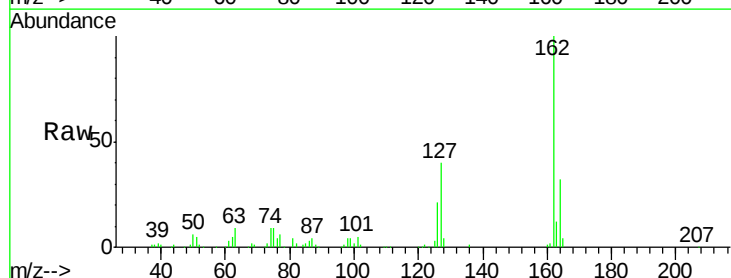
Tgt Ion:162 Resp: 88918

Ion Ratio Lower Upper

162 100

127 40.0 28.3 42.5

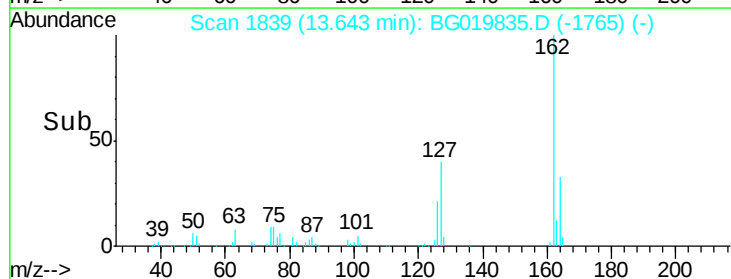
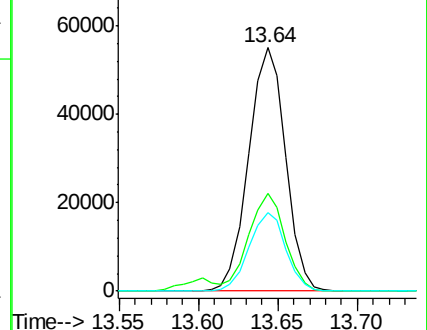
164 32.5 27.4 41.0

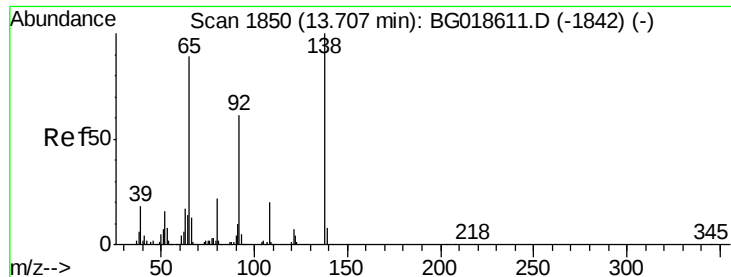


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 26.36 ng

RT: 13.84 min Scan# 1872

Delta R.T. 0.13 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

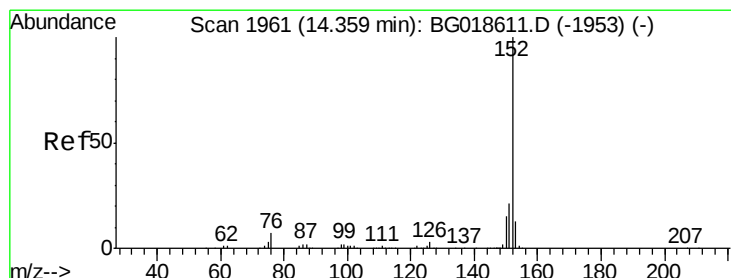
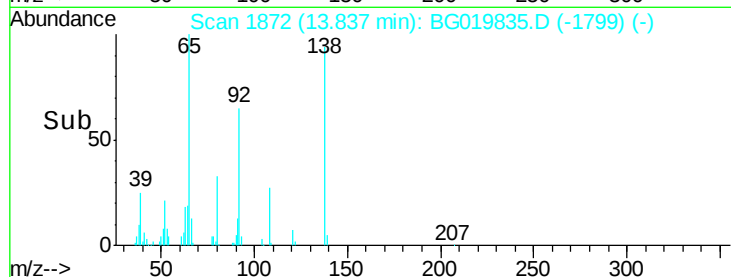
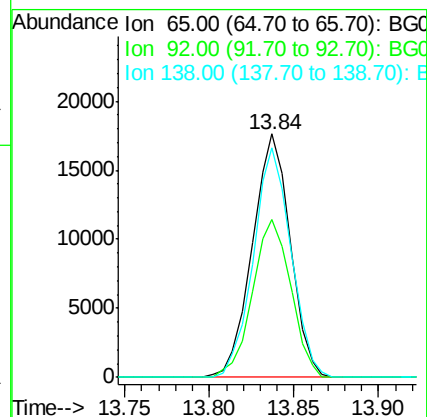
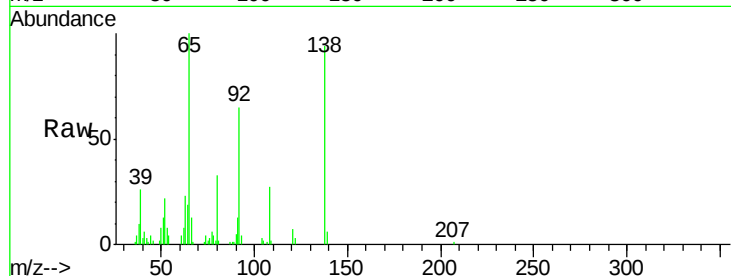
Tot Ion: 65 Resp: 27450

Ion Ratio Lower Upper

65 100

92 64.7 54.8 82.2

138 94.1 89.6 134.4



#48

Acenaphthylene

Concen: 24.73 ng

RT: 14.49 min Scan# 1983

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

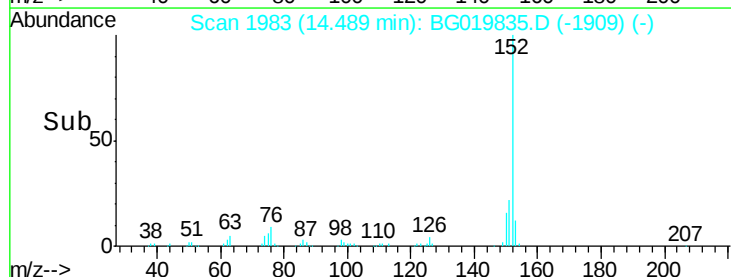
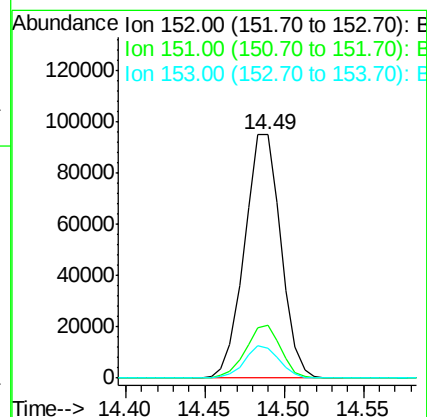
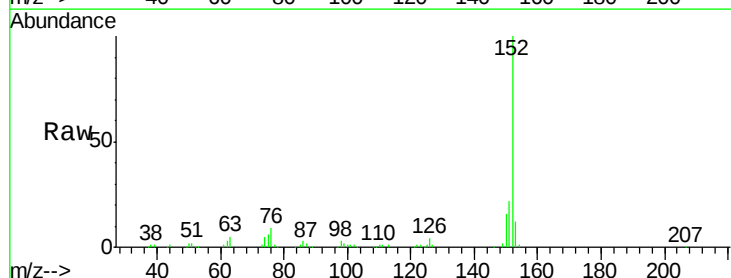
Tgt Ion: 152 Resp: 151289

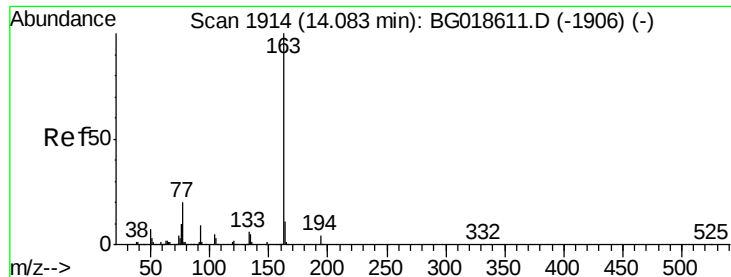
Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.4

153 12.2 10.4 15.6





#49

Dimethylphthalate

Concen: 27.05 ng

RT: 14.21 min Scan# 1936

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

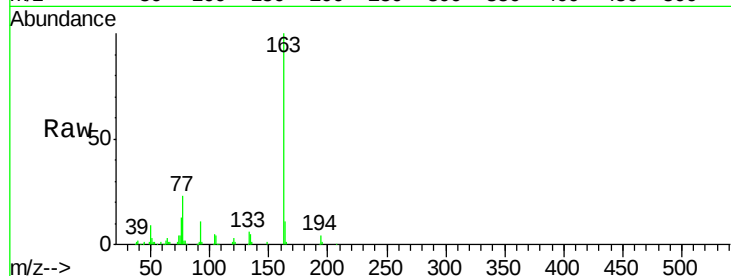
Tot Ion:163 Resp: 126515

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

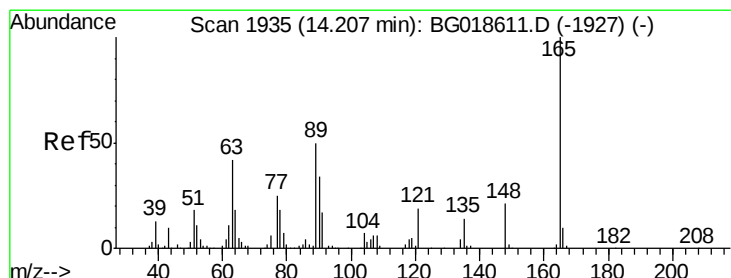
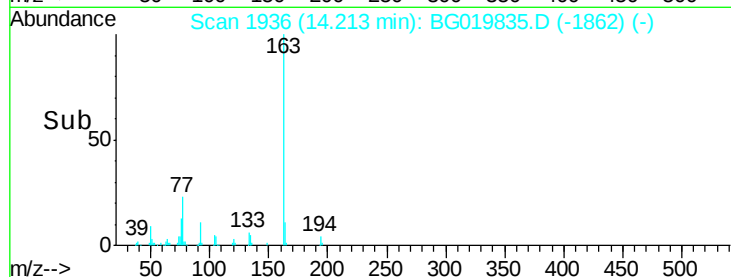
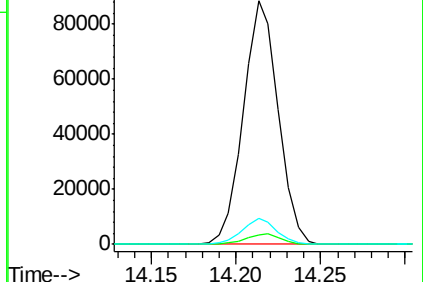
164 10.7 8.8 13.2



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



#50

2,6-Dinitrotoluene

Concen: 23.77 ng

RT: 14.33 min Scan# 1956

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

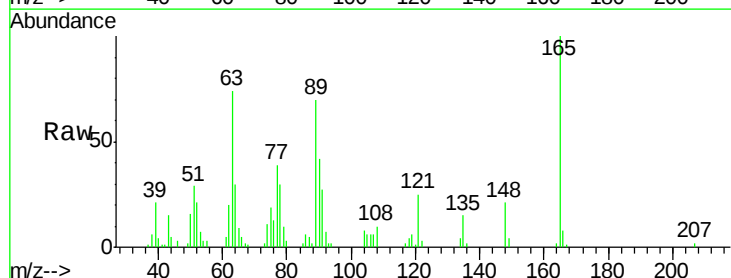
Tgt Ion:165 Resp: 24151

Ion Ratio Lower Upper

165 100

63 73.8 35.7 53.5#

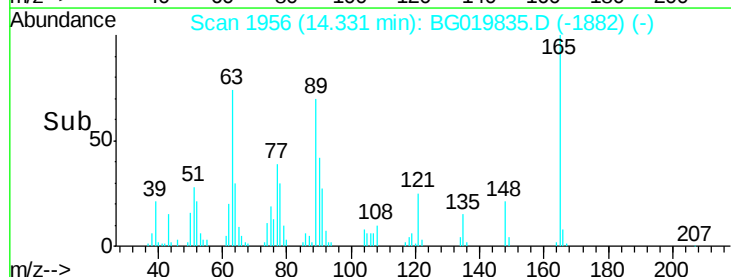
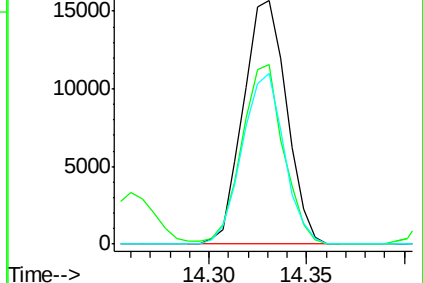
89 70.3 39.7 59.5#

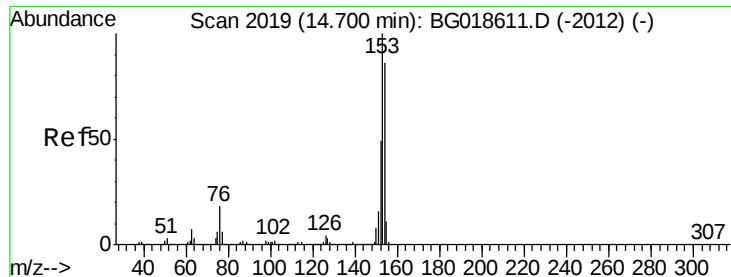


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 25.78 ng

RT: 14.82 min Scan# 2040

Delta R.T. 0.13 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

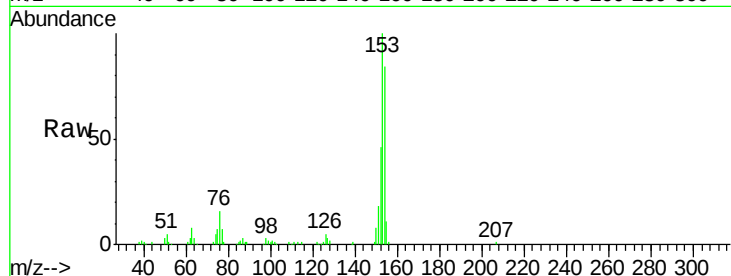
Tot Ion:154 Resp: 91749

Ion Ratio Lower Upper

154 100

153 118.7 92.9 139.3

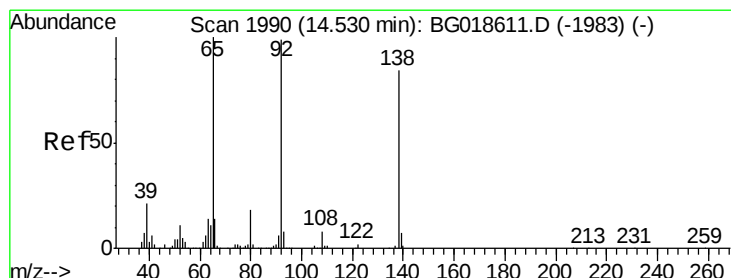
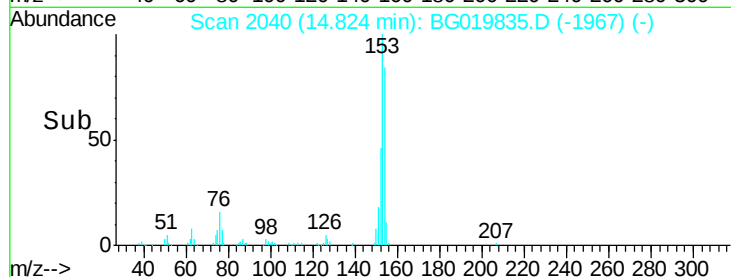
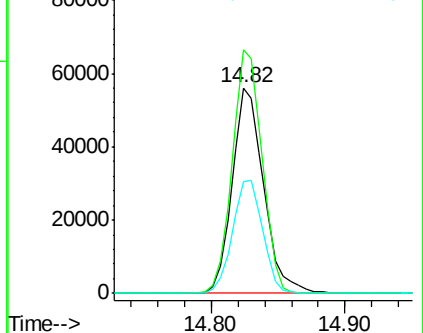
152 54.7 45.8 68.8



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: 20.49 ng

RT: 14.66 min Scan# 2012

Delta R.T. 0.14 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

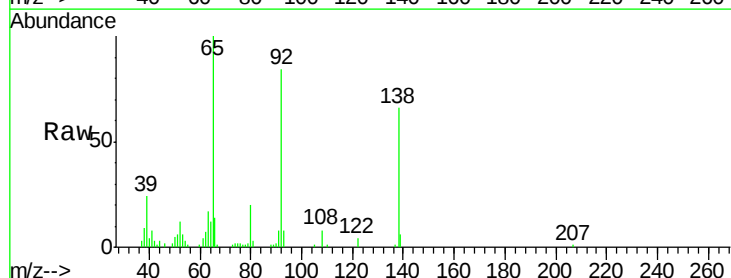
Tgt Ion:138 Resp: 24876

Ion Ratio Lower Upper

138 100

108 12.8 7.9 11.9#

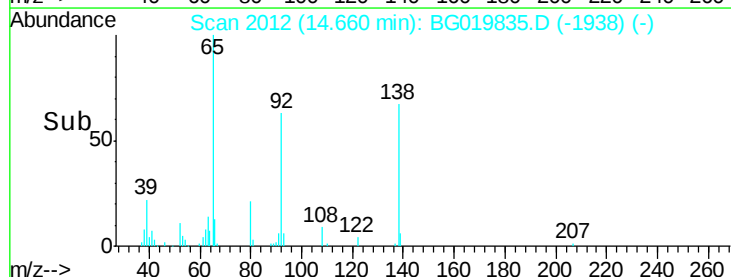
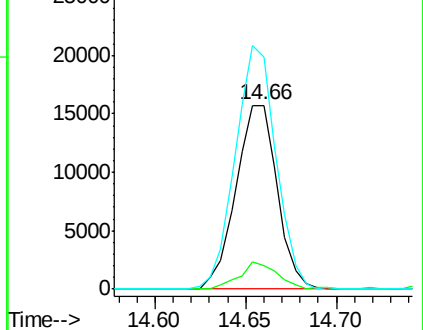
92 126.1 94.2 141.4

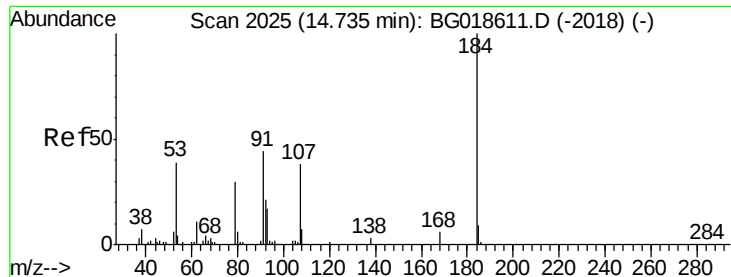


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

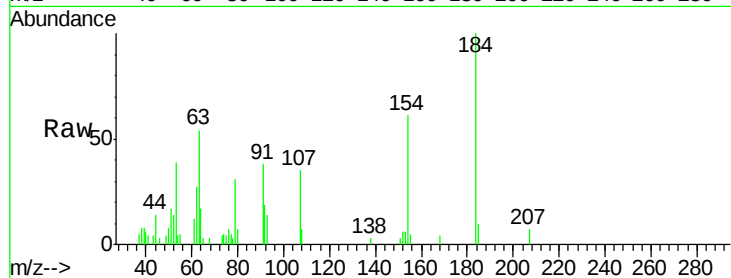




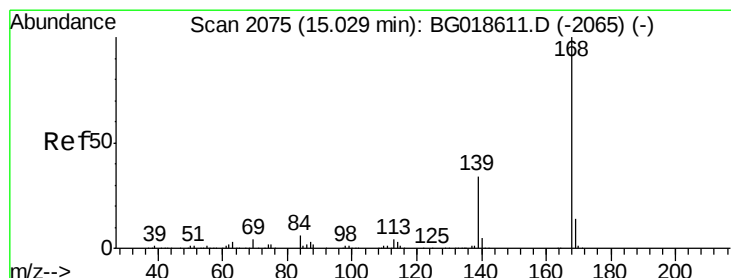
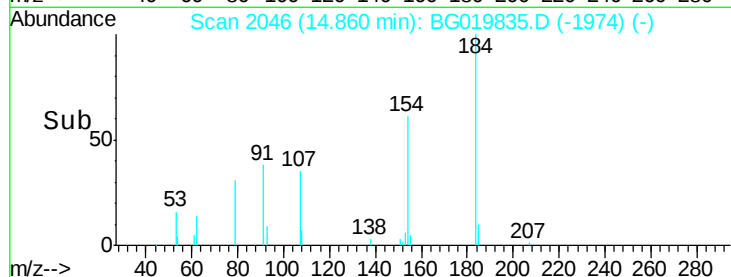
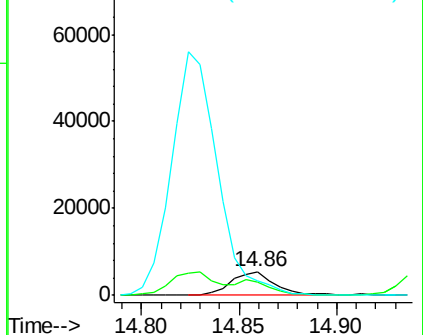
#53
 2,4-Dinitrophenol
 Concen: 19.86 ng
 RT: 14.86 min Scan# 2046
 Delta R.T. 0.12 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 8498
 Ion Ratio Lower Upper
 184 100
 63 54.3 42.7 64.1
 154 61.2 44.3 66.5

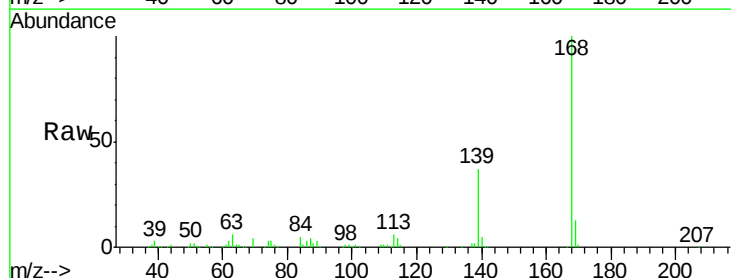


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

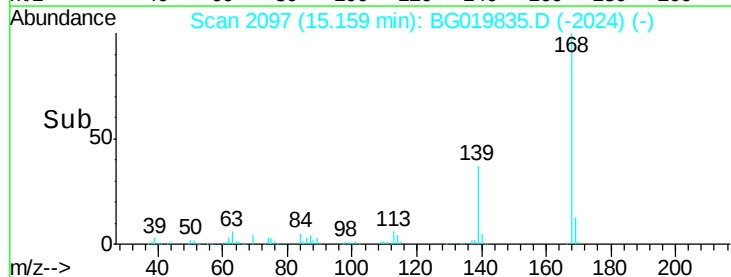
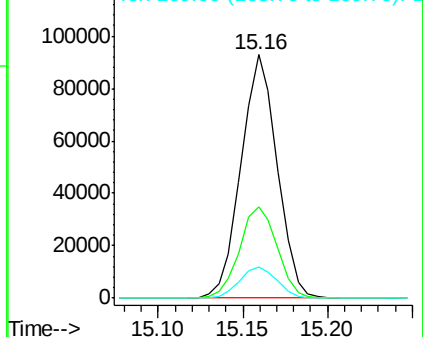


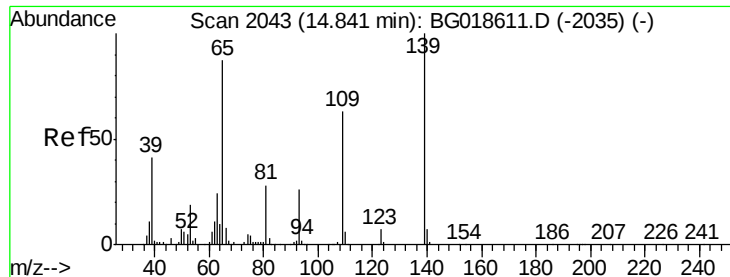
#54
 Dibenzofuran
 Concen: 24.99 ng
 RT: 15.16 min Scan# 2097
 Delta R.T. 0.13 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Tgt Ion:168 Resp: 138228
 Ion Ratio Lower Upper
 168 100
 139 37.3 27.4 41.0
 169 13.0 11.0 16.4



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

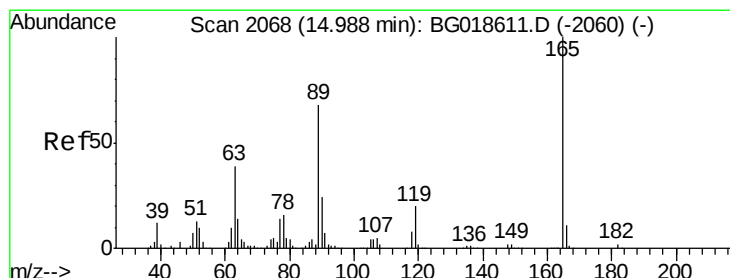
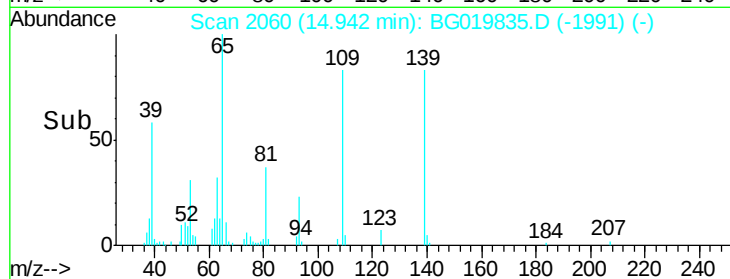
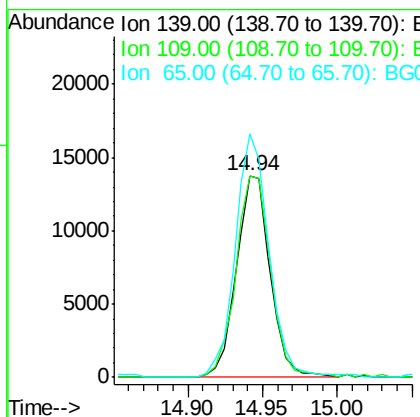
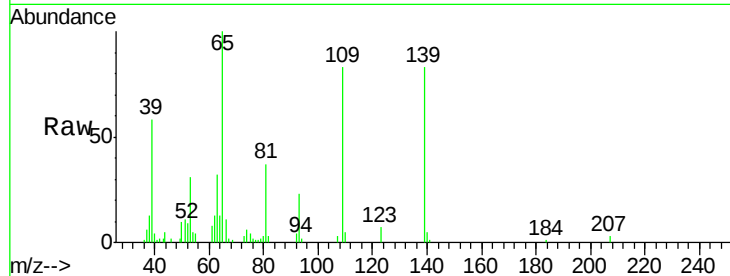




#55
4-Nitrophenol
Concen: 22.94 ng
RT: 14.94 min Scan# 2060
Delta R.T. 0.11 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

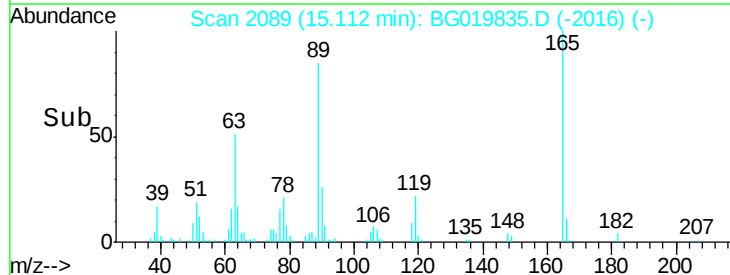
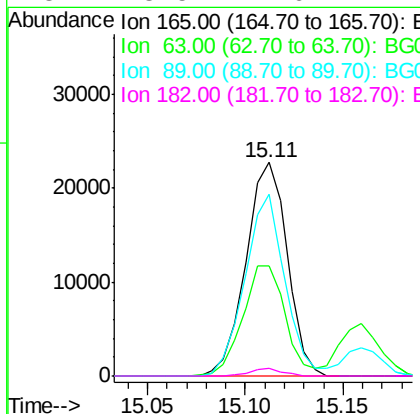
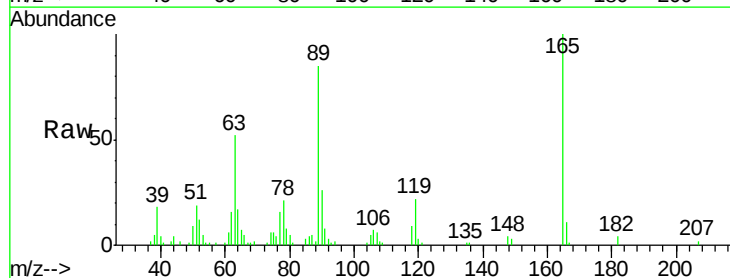
Instrument :
BNA_G
ClientSampleId :

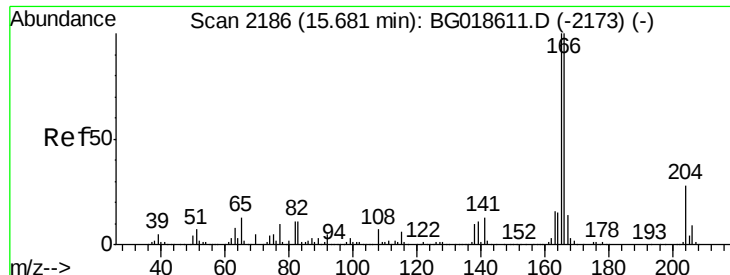
Tot Ion:139 Resp: 21508
Ion Ratio Lower Upper
139 100
109 99.7 43.2 83.2#
65 120.7 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 23.09 ng
RT: 15.11 min Scan# 2089
Delta R.T. 0.13 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion:165 Resp: 33267
Ion Ratio Lower Upper
165 100
63 51.6 31.0 46.4#
89 85.3 54.4 81.6#
182 3.5 1.6 2.4#





#57

Fluorene

Concen: 25.98 ng

RT: 15.81 min Scan# 2207

Delta R.T. 0.13 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampled :

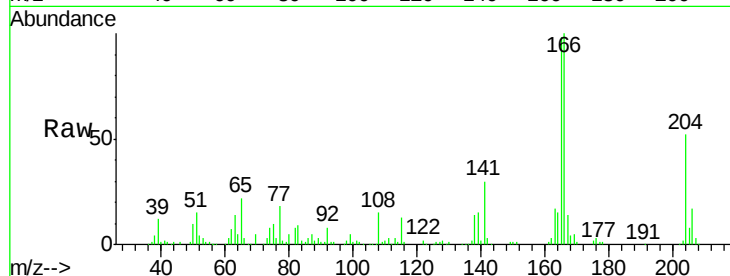
Tot Ion:166 Resp: 123715

Ion Ratio Lower Upper

166 100

165 98.2 80.0 120.0

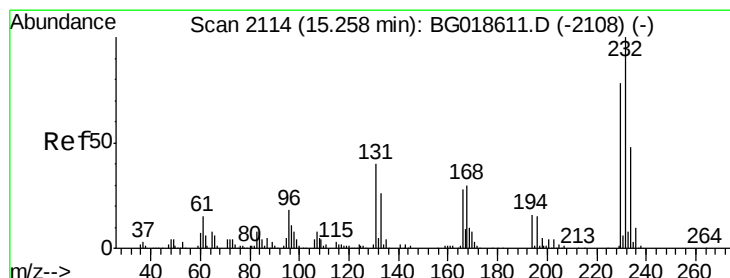
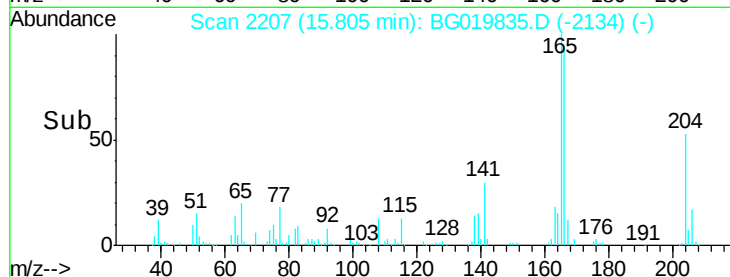
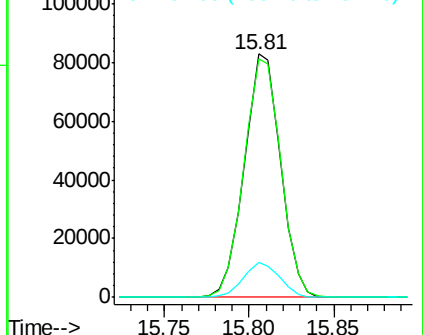
167 14.4 11.1 16.7



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.41 ng

RT: 15.38 min Scan# 2134

Delta R.T. 0.12 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Tgt Ion:232 Resp: 34979

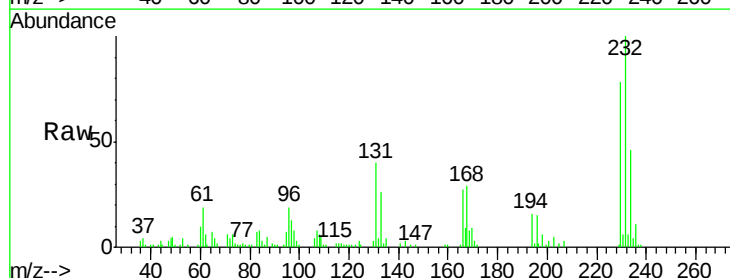
Ion Ratio Lower Upper

232 100

131 40.4 33.0 49.6

130 2.5 2.0 3.0

166 25.6 24.1 36.1

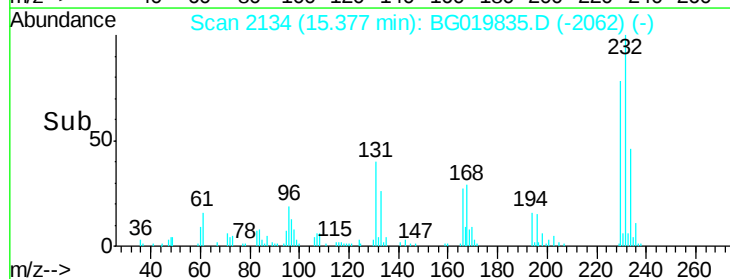
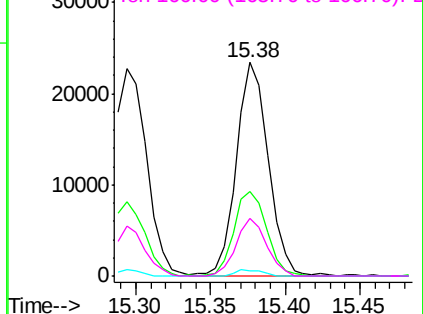


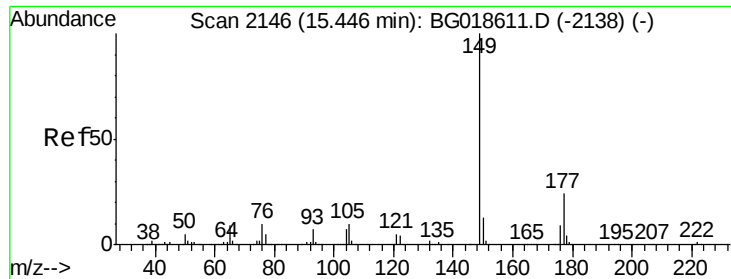
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

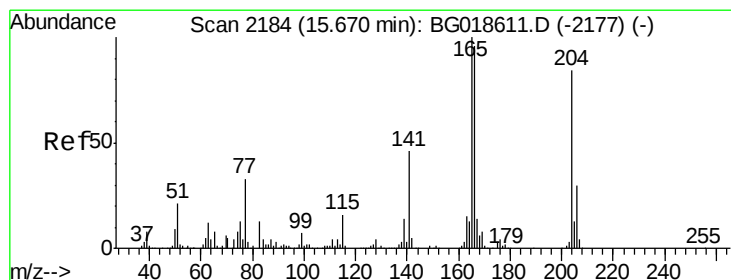
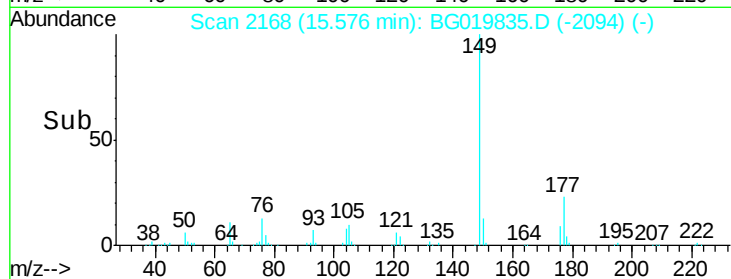
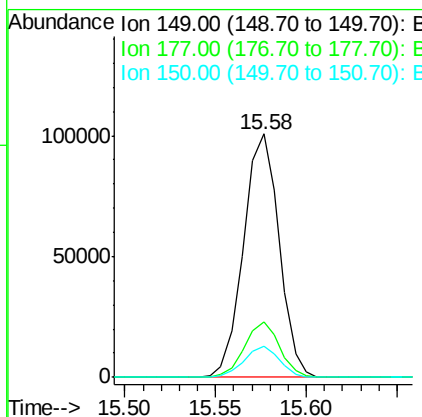
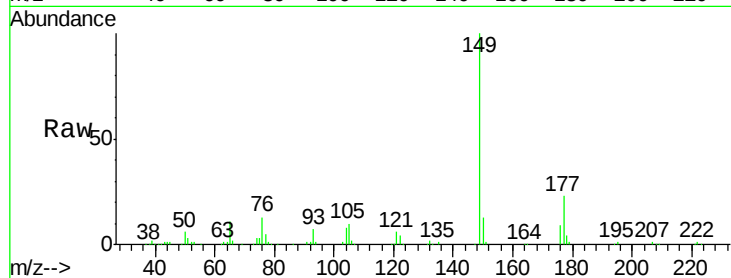




#59
Diethylphthalate
Concen: 28.16 ng
RT: 15.58 min Scan# 2168
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

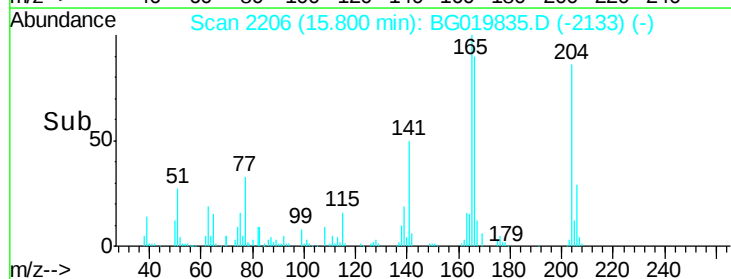
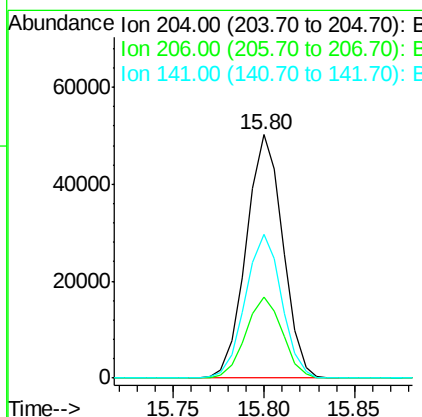
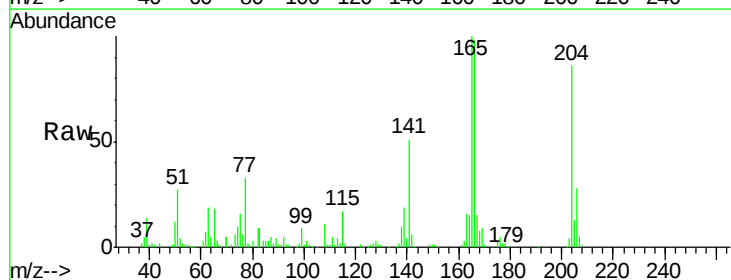
Instrument :
BNA_G
ClientSampleId :

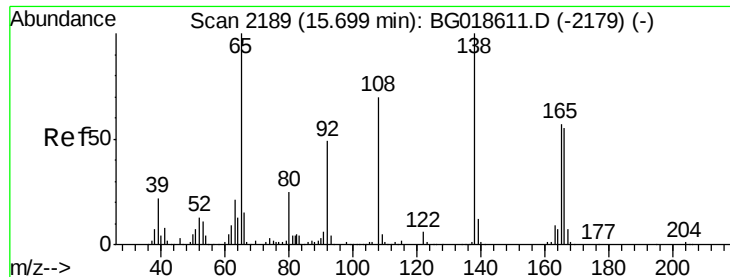
Tot Ion:149 Resp: 137385
Ion Ratio Lower Upper
149 100
177 23.0 19.6 29.4
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 30.99 ng
RT: 15.80 min Scan# 2206
Delta R.T. 0.13 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion:204 Resp: 70901
Ion Ratio Lower Upper
204 100
206 33.1 28.3 42.5
141 58.9 44.0 66.0

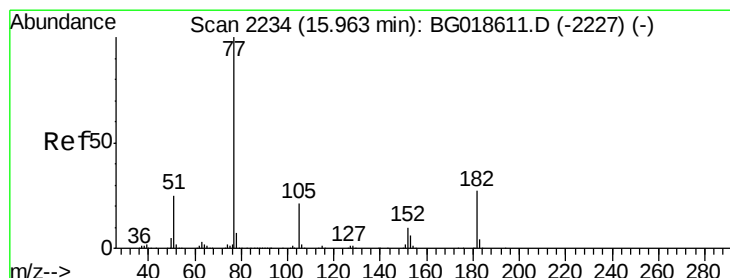
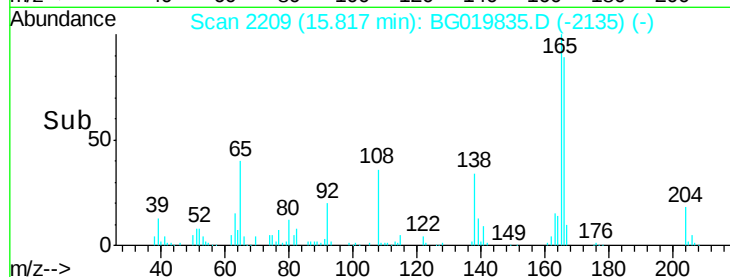
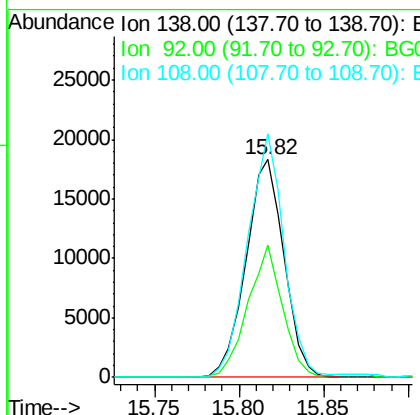
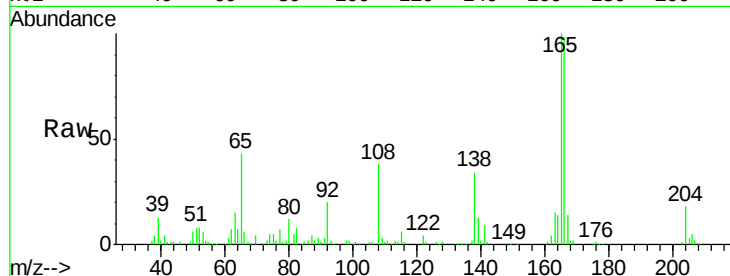




#61
4-Nitroaniline
Concen: 21.85 ng
RT: 15.82 min Scan# 2209
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

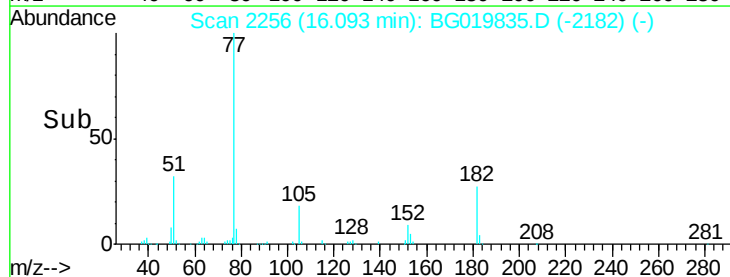
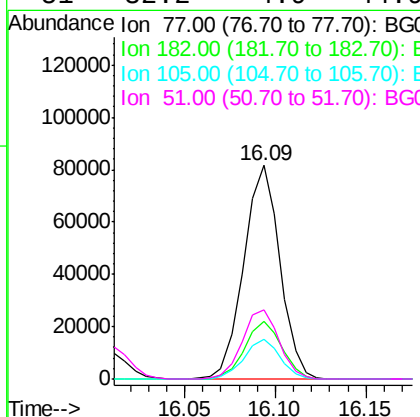
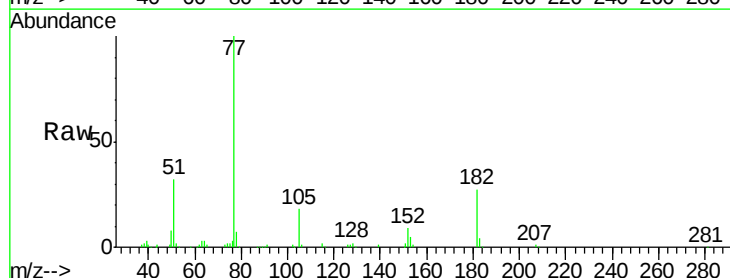
Instrument :
BNA_G
ClientSampleId :

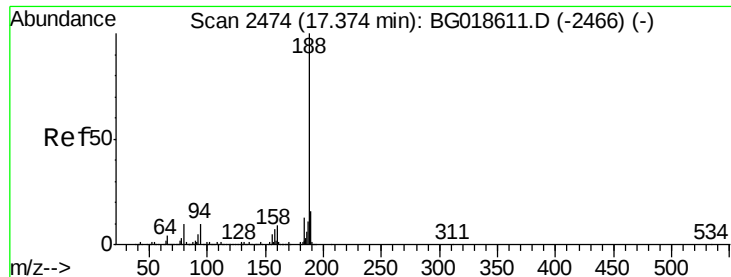
Tot Ion:138 Resp: 28598
Ion Ratio Lower Upper
138 100
92 60.8 29.1 69.1
108 111.7 49.8 89.8#



#62
Azobenzene
Concen: 26.21 ng
RT: 16.09 min Scan# 2256
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion: 77 Resp: 113002
Ion Ratio Lower Upper
77 100
182 26.9 7.0 47.0
105 18.5 1.4 41.4
51 32.2 4.9 44.9

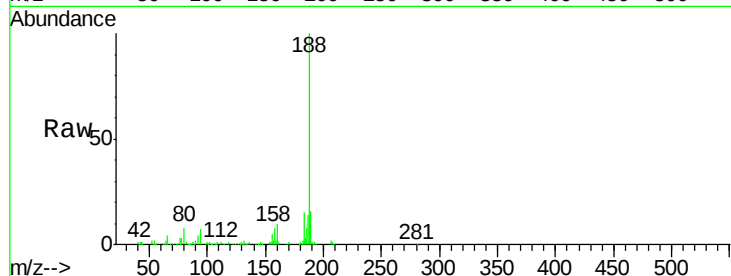




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.51 min Scan# 2497
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Instrument :
BNA_G
ClientSampleId :

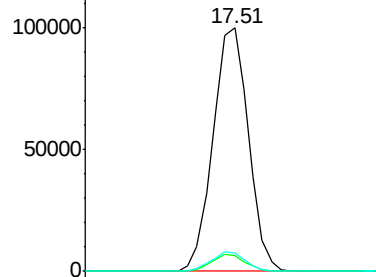
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.6	7.7	11.5#
80	7.7	7.8	11.8#



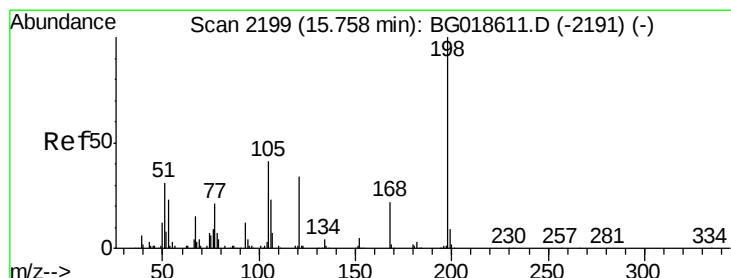
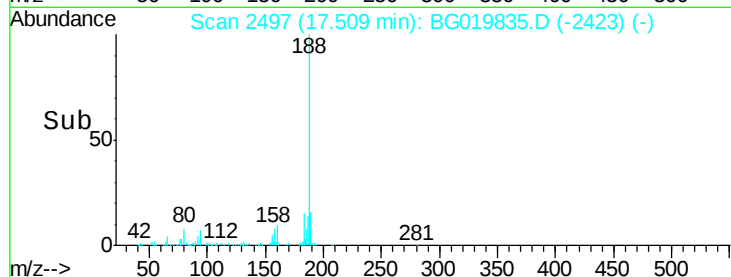
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

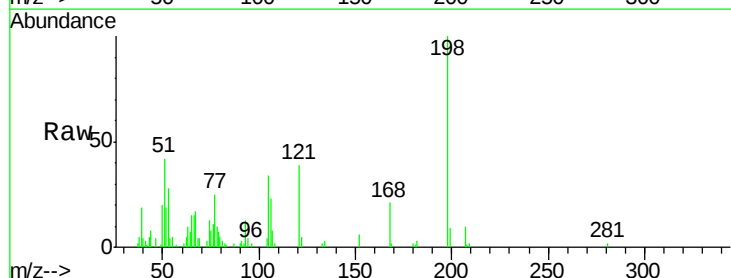


Time-->



#64
4,6-Dinitro-2-methylphenol
Concen: 23.61 ng
RT: 15.87 min Scan# 2218
Delta R.T. 0.11 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

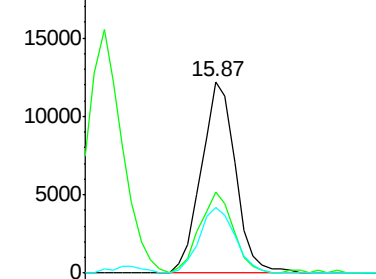
Tgt Ion	Ratio	Lower	Upper
198	100		
51	42.2	14.2	54.2
105	34.0	21.1	61.1



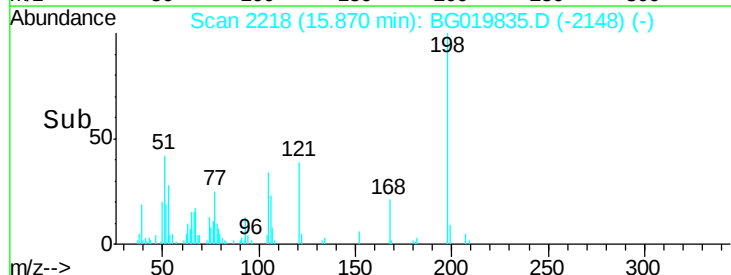
Abundance Ion 198.00 (197.70 to 198.70): E

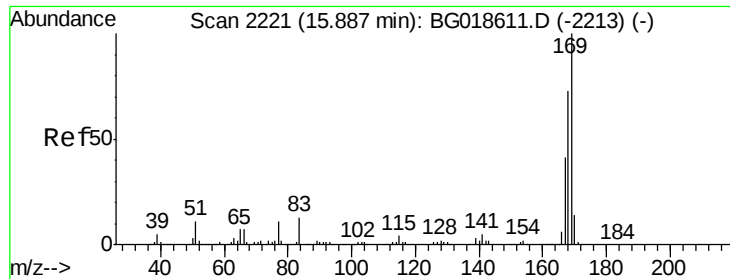
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->

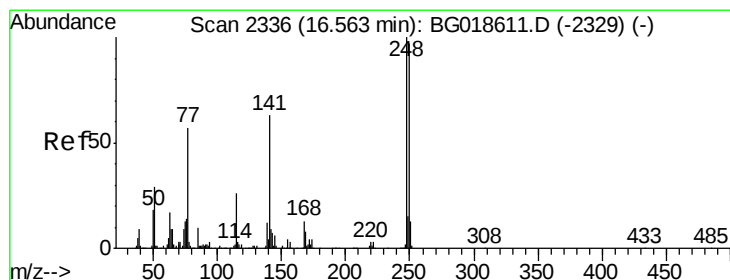
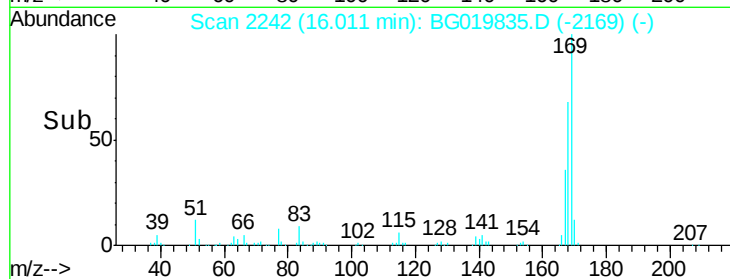
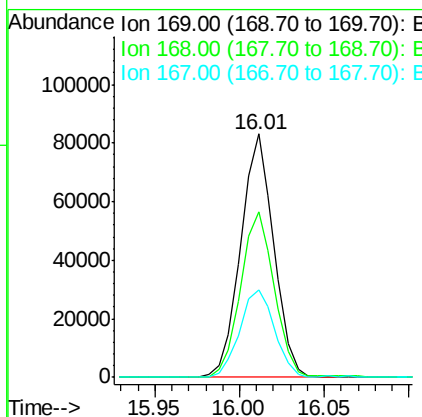
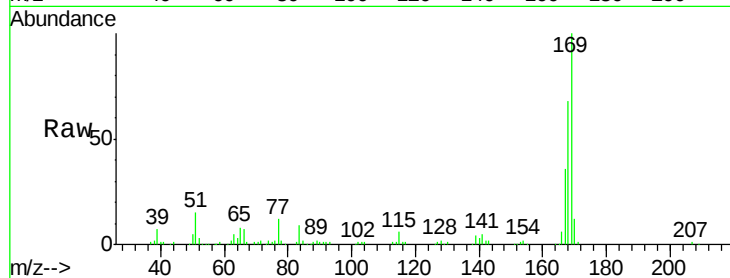




#65
n-Nitrosodiphenylamine
Concen: 25.26 ng
RT: 16.01 min Scan# 2242
Delta R.T. 0.13 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

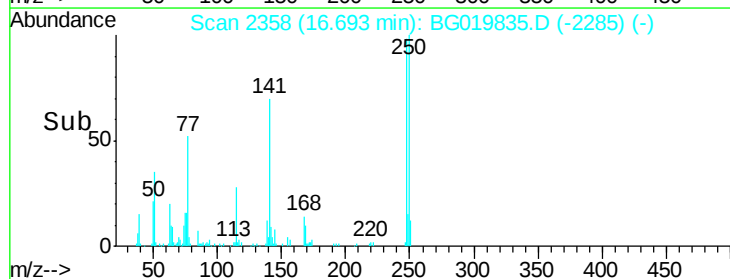
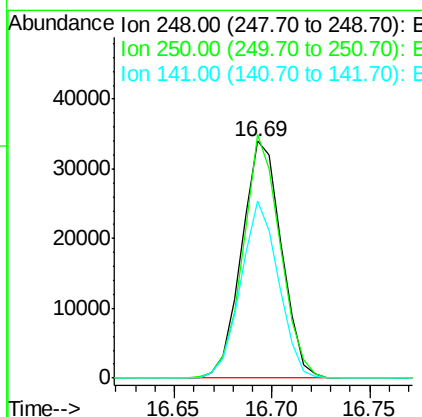
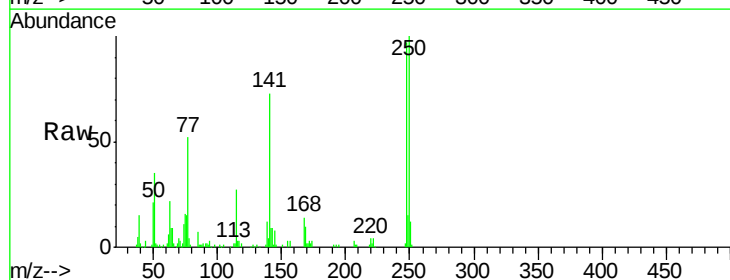
Instrument :
BNA_G
ClientSampled :

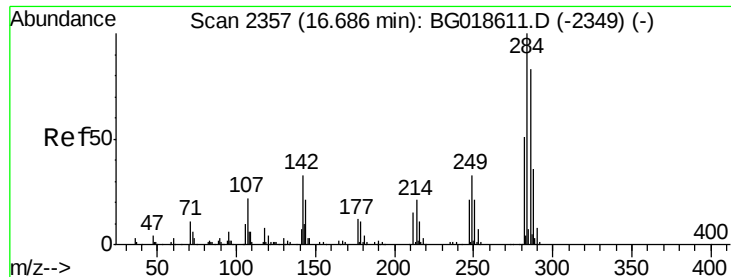
Tot Ion:169 Resp: 113043
Ion Ratio Lower Upper
169 100
168 68.0 58.2 87.2
167 36.1 32.7 49.1



#66
4-Bromophenyl-phenylether
Concen: 30.40 ng
RT: 16.69 min Scan# 2358
Delta R.T. 0.13 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion:248 Resp: 47770
Ion Ratio Lower Upper
248 100
250 102.8 77.8 116.8
141 74.6 50.4 75.6





#67

Hexachlorobenzene

Concen: 28.85 ng

RT: 16.81 min Scan# 2378

Delta R.T. 0.13 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

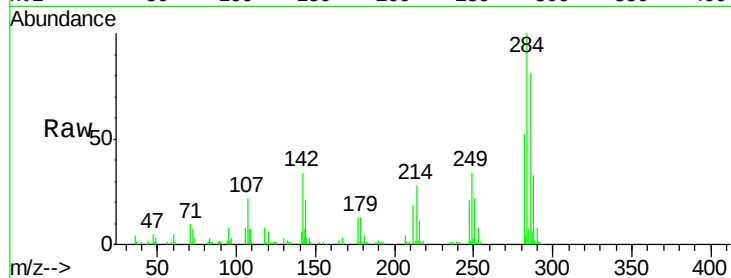
Tot Ion:284 Resp: 49241

Ion Ratio Lower Upper

284 100

142 34.3 26.6 39.8

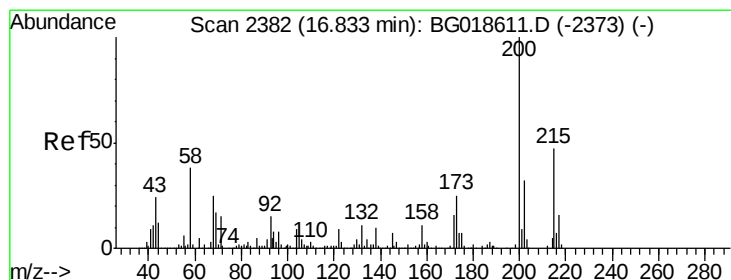
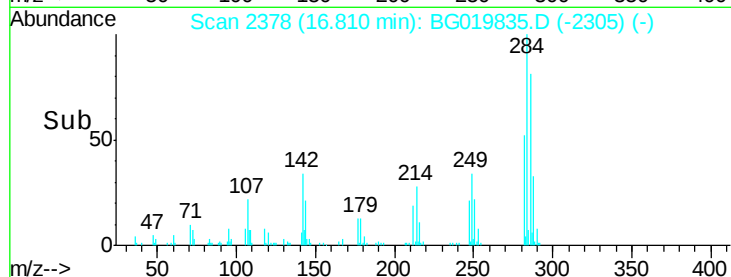
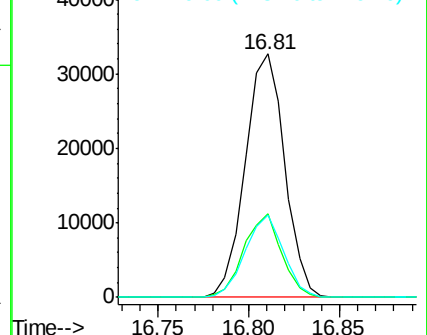
249 34.0 26.2 39.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 28.44 ng

RT: 16.96 min Scan# 2403

Delta R.T. 0.13 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

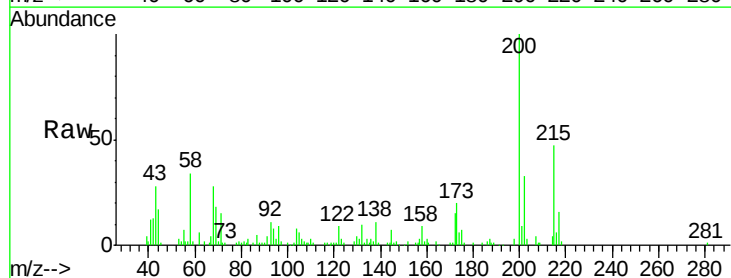
Tgt Ion:200 Resp: 50601

Ion Ratio Lower Upper

200 100

173 20.3 5.2 45.2

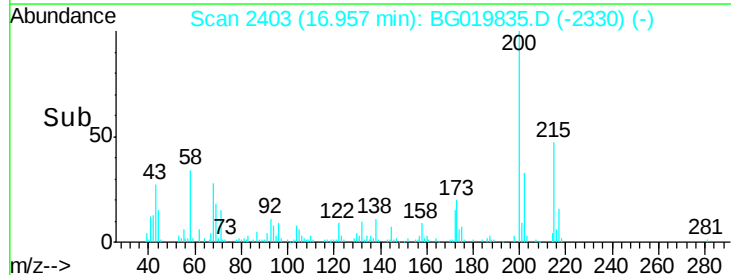
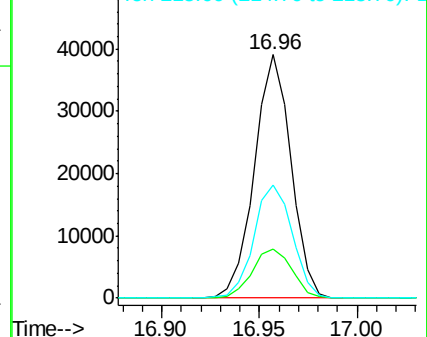
215 46.5 27.0 67.0

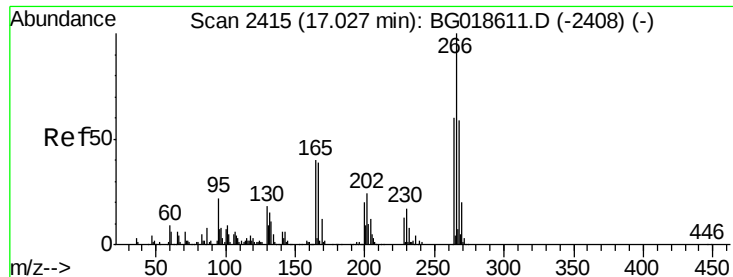


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

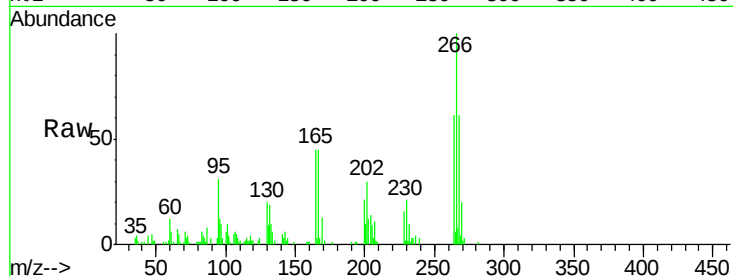




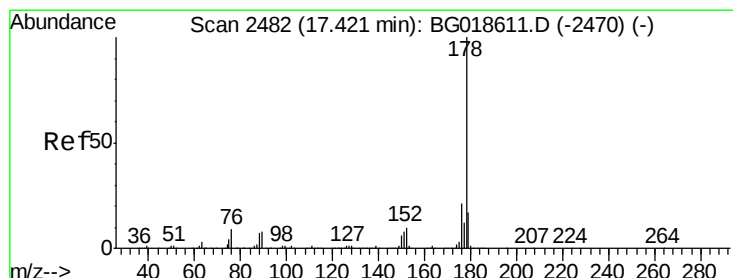
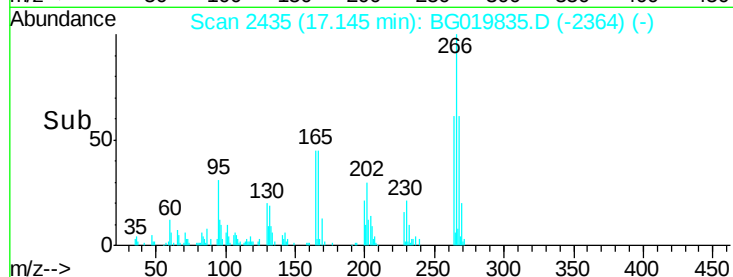
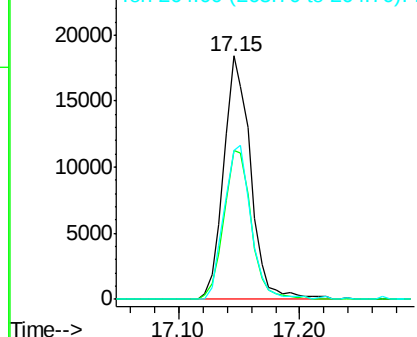
#69
 Pentachlorophenol
 Concen: 26.98 ng
 RT: 17.15 min Scan# 2435
 Delta R.T. 0.12 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	47.6	71.4
264	61.1	48.1	72.1

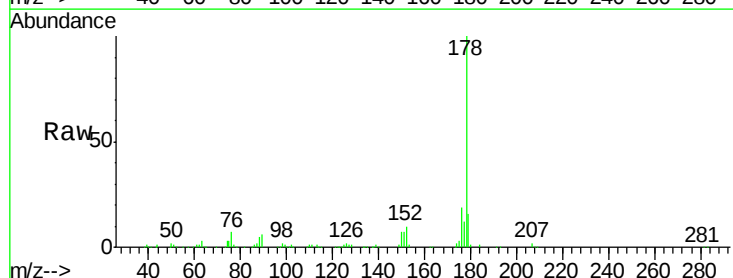


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

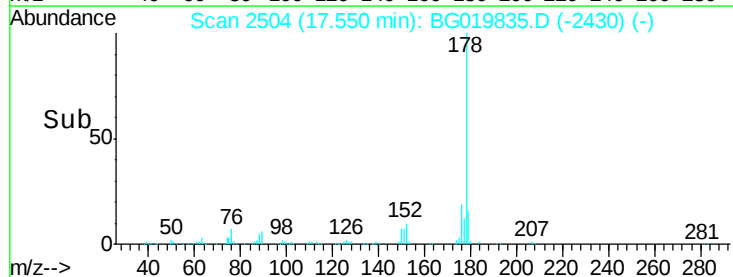
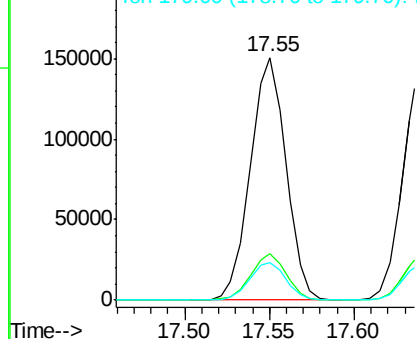


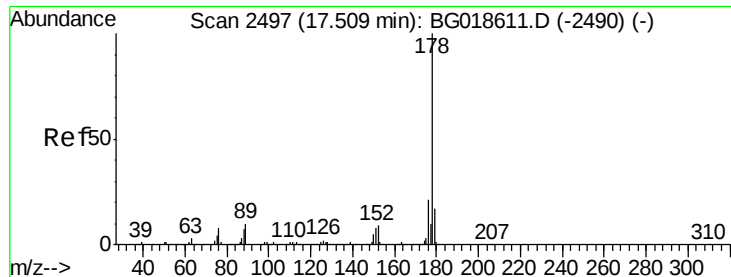
#70
 Phenanthrene
 Concen: 27.26 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. 0.14 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.7	25.1
179	15.6	13.9	20.9



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

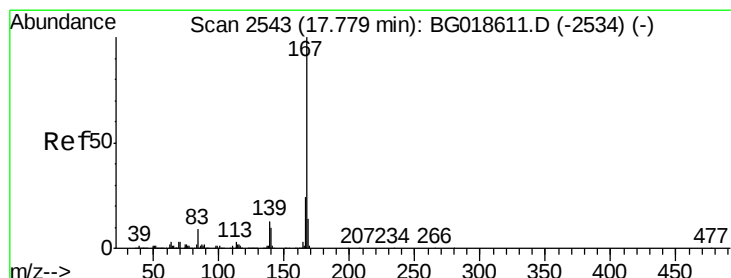
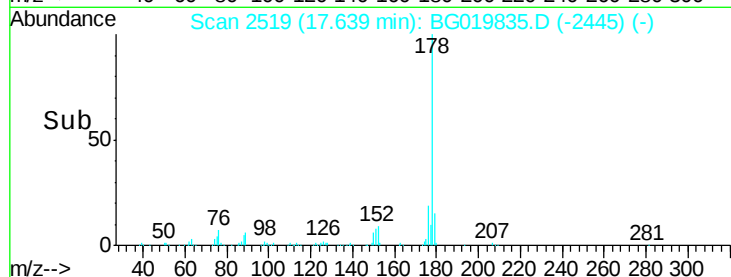
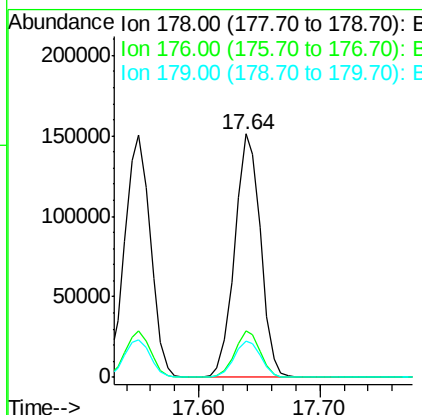
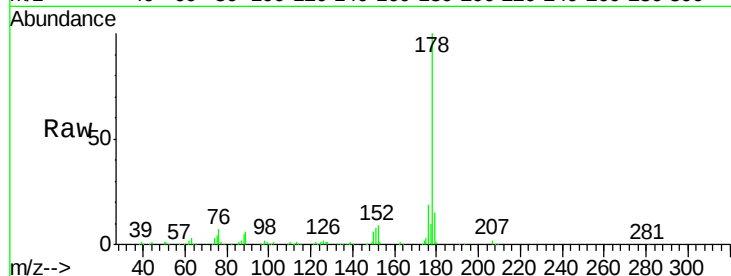




#71
 Anthracene
 Concen: 27.34 ng
 RT: 17.64 min Scan# 2519
 Delta R.T. 0.14 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

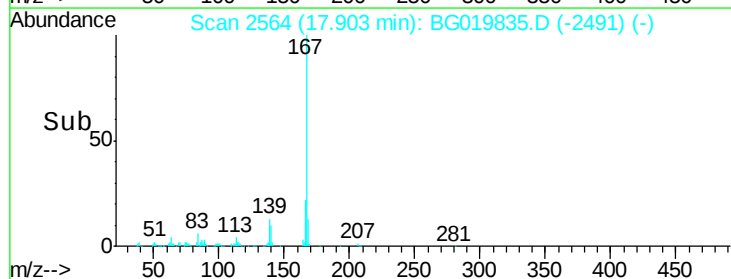
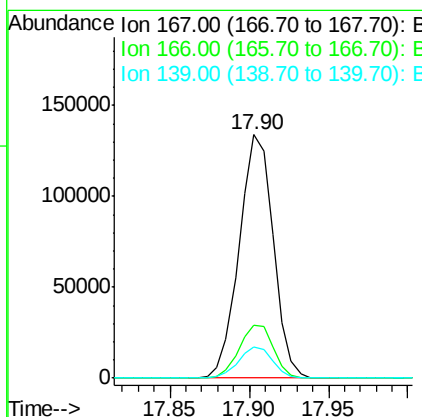
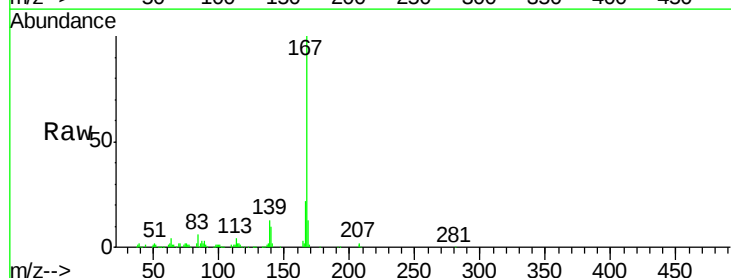
Instrument :
 BNA_G
 ClientSampleId :

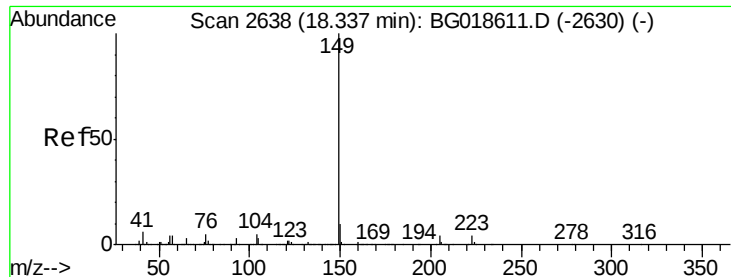
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.8	25.2
179	15.0	13.9	20.9



#72
 Carbazole
 Concen: 25.07 ng
 RT: 17.90 min Scan# 2564
 Delta R.T. 0.13 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	19.0	28.6
139	12.9	10.2	15.4

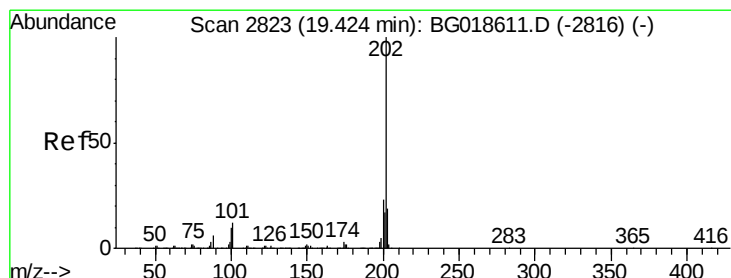
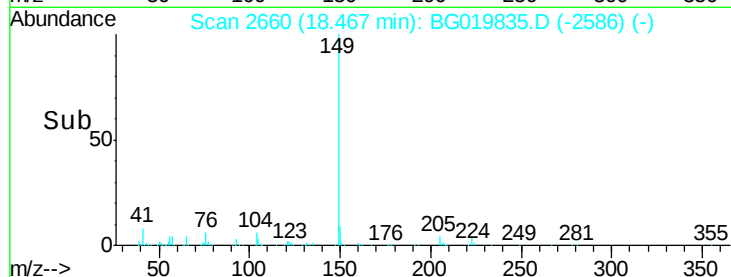
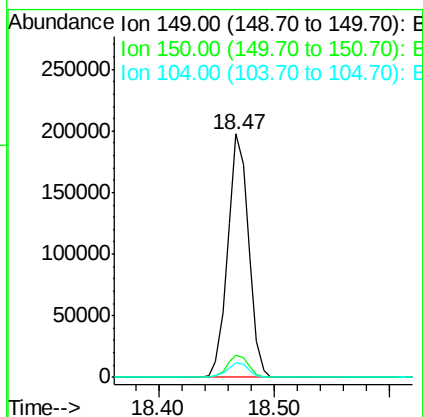
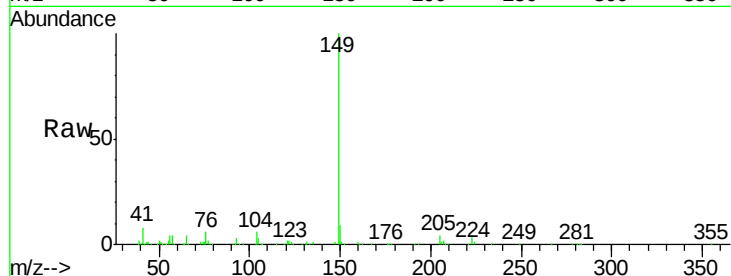




#73
Di-n-butylphthalate
Concen: 26.14 ng
RT: 18.47 min Scan# 2660
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

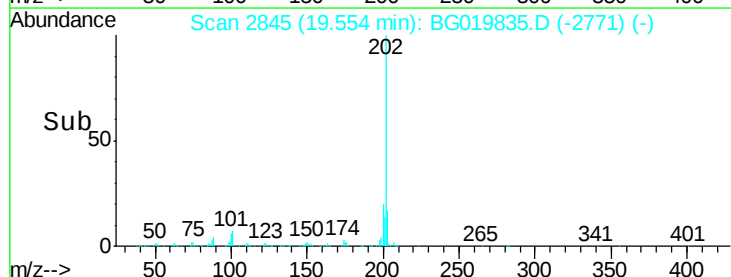
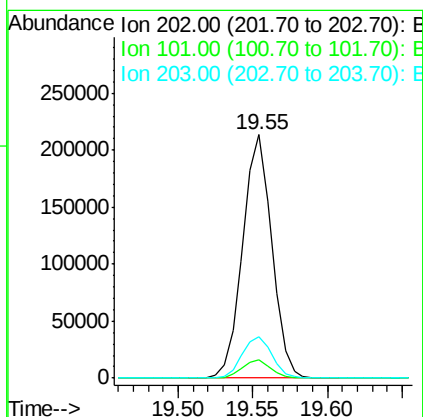
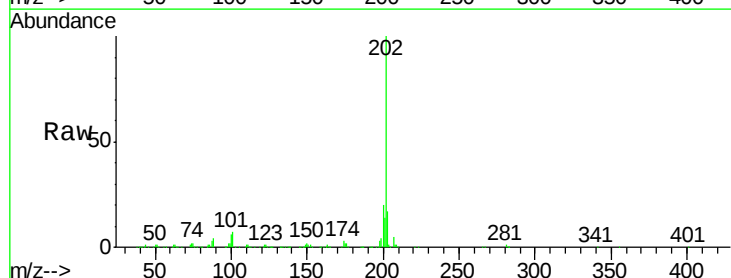
Instrument :
BNA_G
ClientSampled :

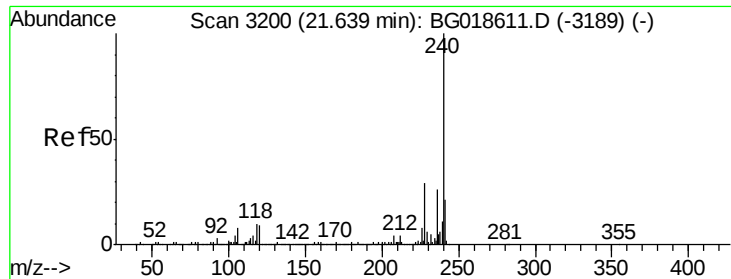
Tot Ion:149 Resp: 245568
Ion Ratio Lower Upper
149 100
150 9.2 8.2 12.4
104 5.8 4.4 6.6



#74
Fluoranthene
Concen: 28.53 ng
RT: 19.55 min Scan# 2845
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion:202 Resp: 287066
Ion Ratio Lower Upper
202 100
101 7.3 0.0 32.4
203 17.0 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. 0.16 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

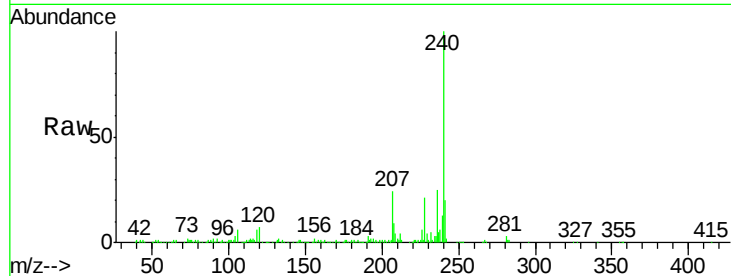
Tot Ion:240 Resp: 194880

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

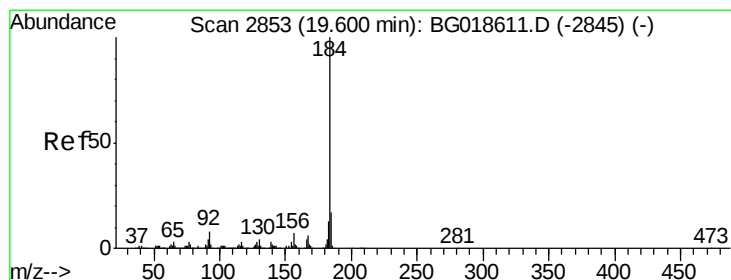
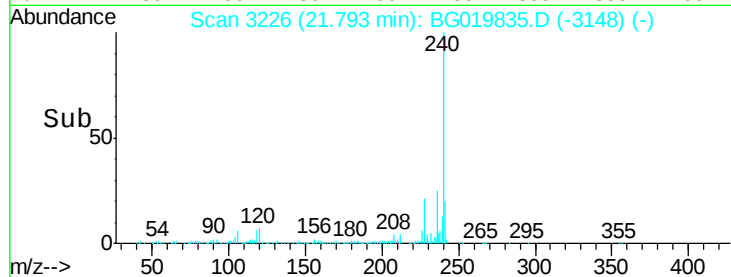
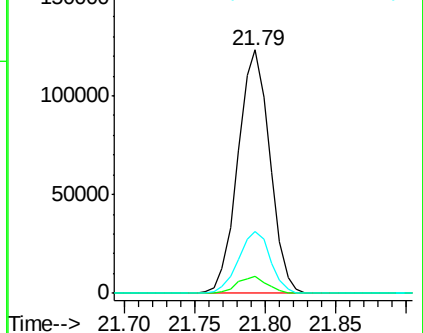
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.16 ng

RT: 19.73 min Scan# 2875

Delta R.T. 0.13 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

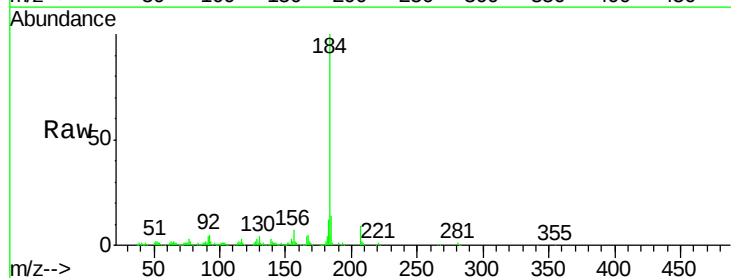
Tgt Ion:184 Resp: 164781

Ion Ratio Lower Upper

184 100

185 13.8 13.4 20.2

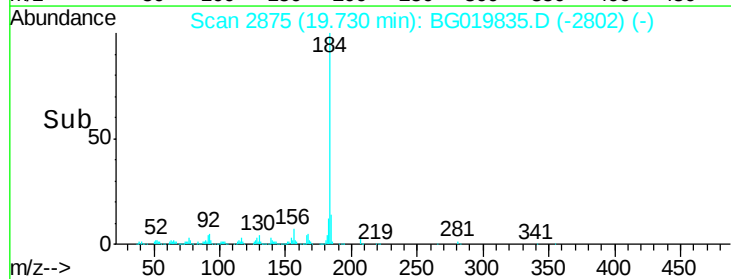
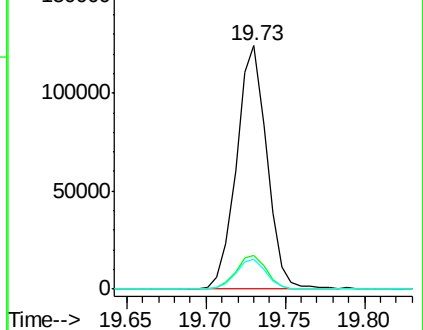
183 12.3 10.1 15.1

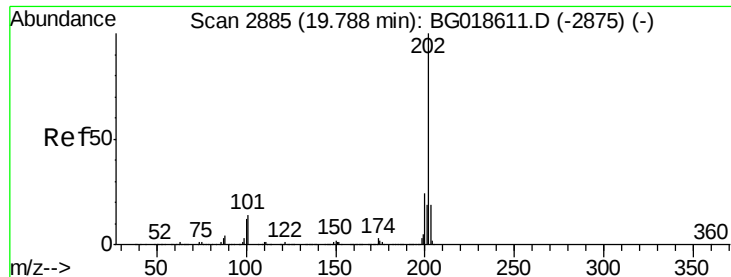


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 24.39 ng

RT: 19.91 min Scan# 2906

Delta R.T. 0.13 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

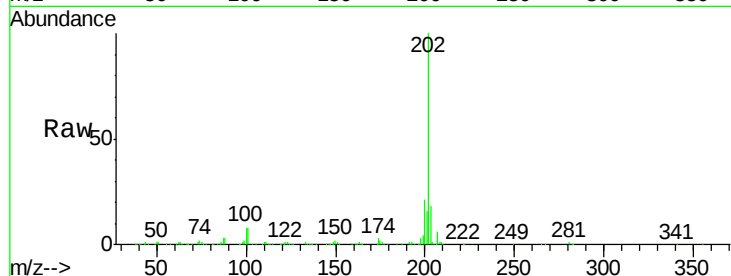
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 292077

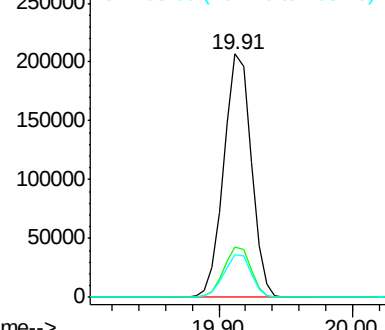
Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.4	29.0
203	17.6	15.5	23.3



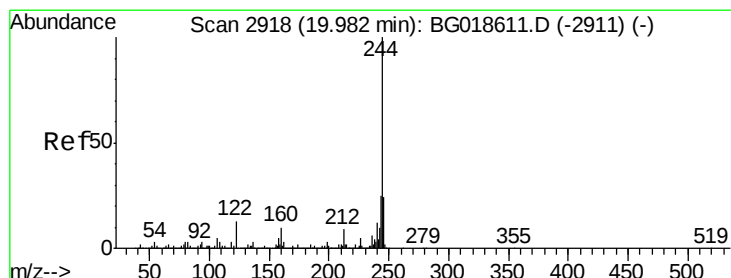
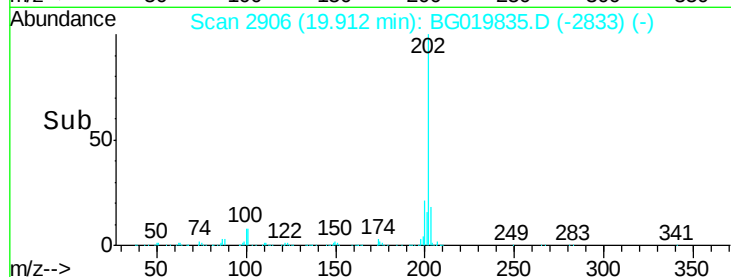
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 54.74 ng

RT: 20.11 min Scan# 2940

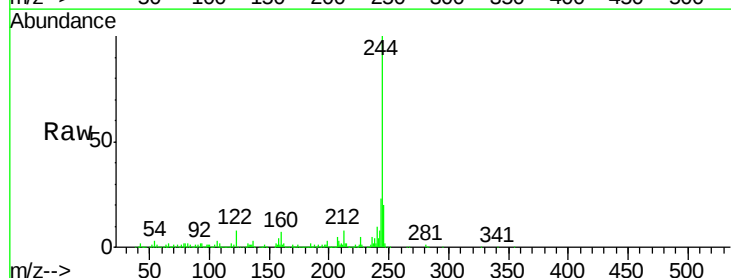
Delta R.T. 0.13 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Tgt Ion:244 Resp: 406229

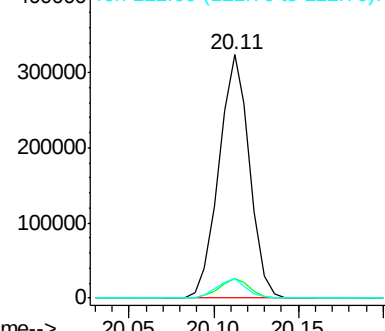
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	7.8	10.2	15.2#



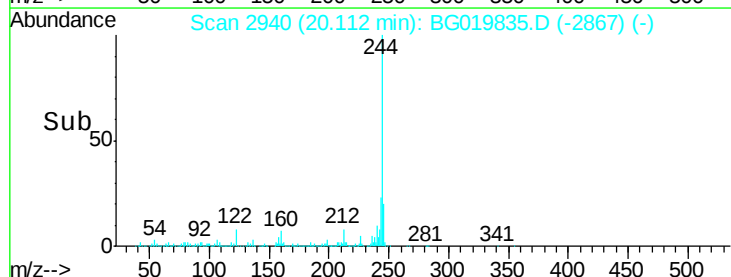
Abundance Ion 244.00 (243.70 to 244.70): E

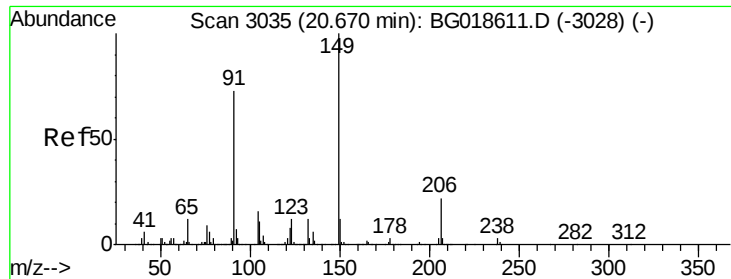
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

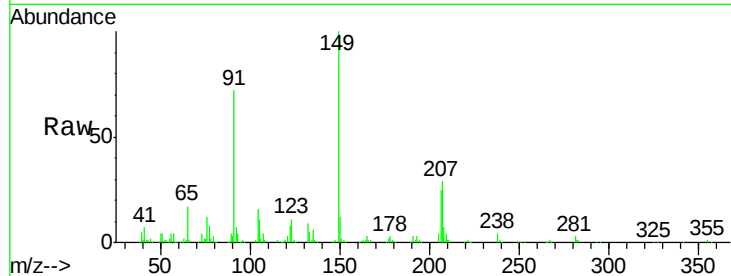




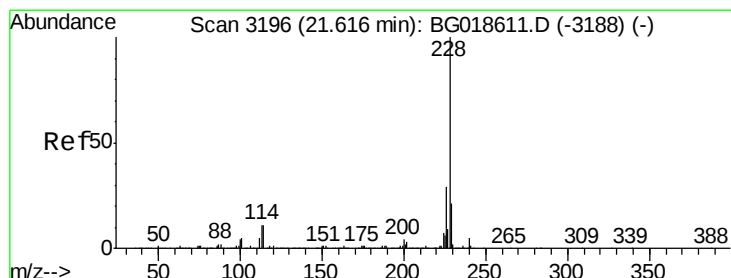
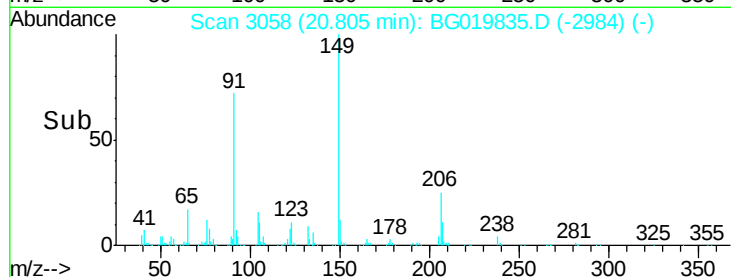
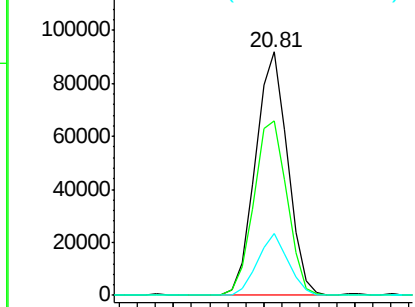
#79
Butylbenzylphthalate
Concen: 23.08 ng
RT: 20.81 min Scan# 3058
Delta R.T. 0.14 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 112384
Ion Ratio Lower Upper
149 100
91 71.9 58.1 87.1
206 25.2 17.8 26.8

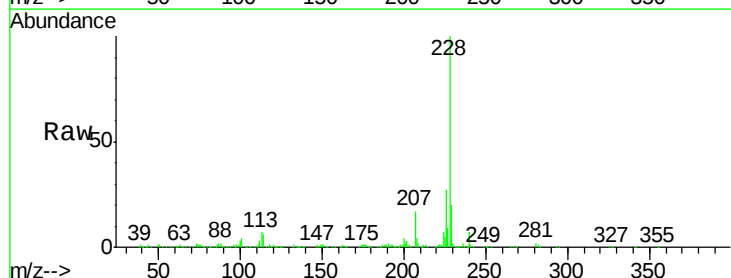


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

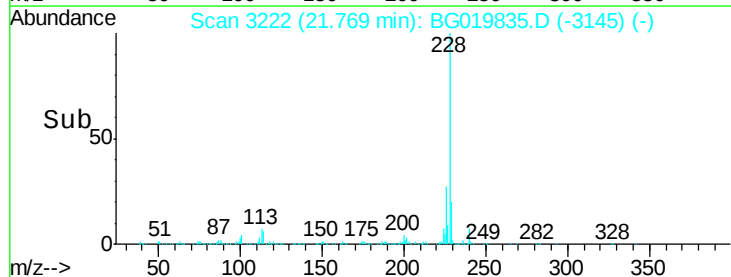
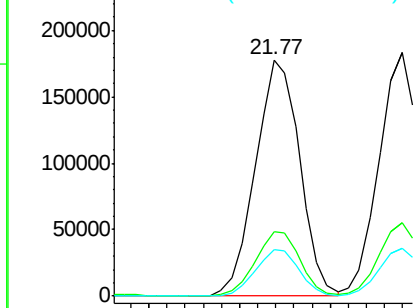


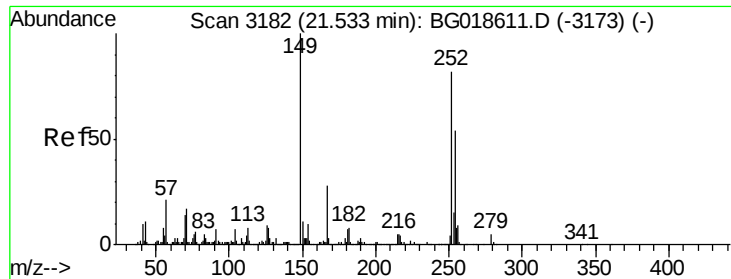
#80
Benzo(a)anthracene
Concen: 26.89 ng
RT: 21.77 min Scan# 3222
Delta R.T. 0.15 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion:228 Resp: 301743
Ion Ratio Lower Upper
228 100
226 27.5 23.4 35.0
229 19.7 16.6 25.0



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

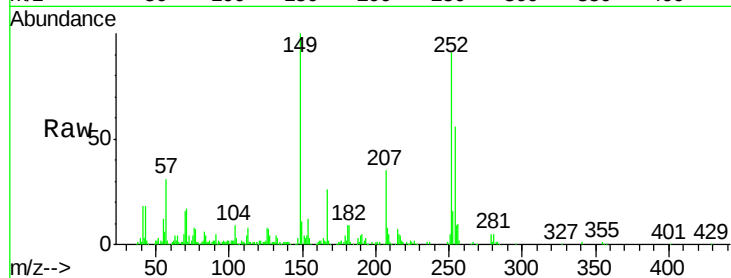




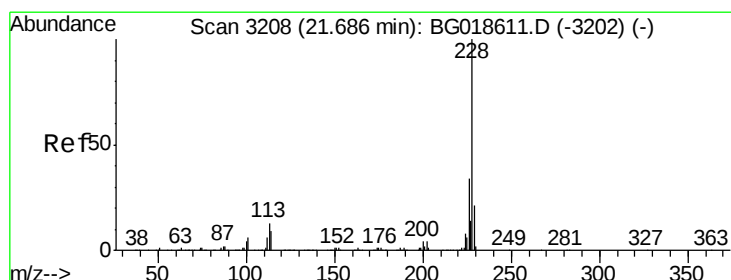
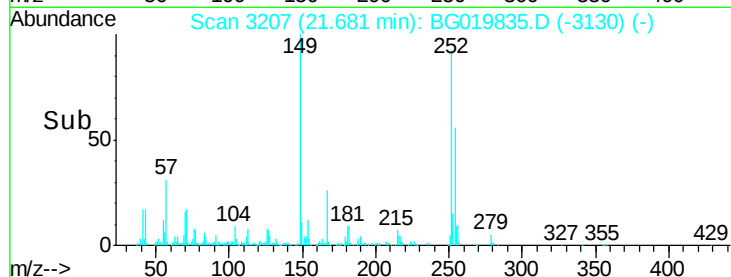
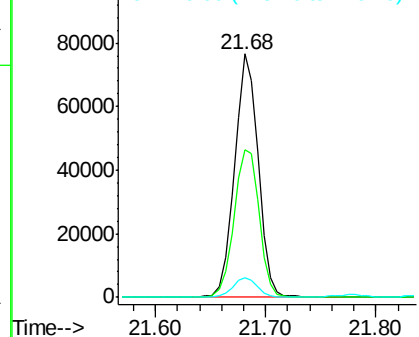
#81
 3,3'-Dichlorobenzidine
 Concen: 27.02 ng
 RT: 21.68 min Scan# 3207
 Delta R.T. 0.15 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 115157
 Ion Ratio Lower Upper
 252 100
 254 60.8 52.5 78.7
 126 8.3 8.5 12.7#

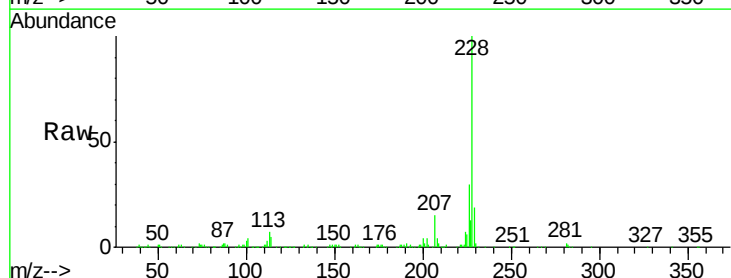


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

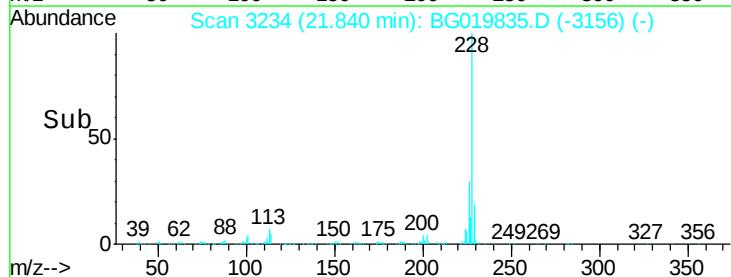
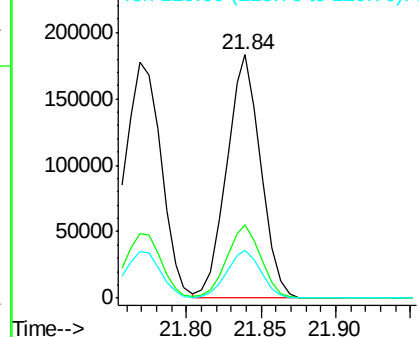


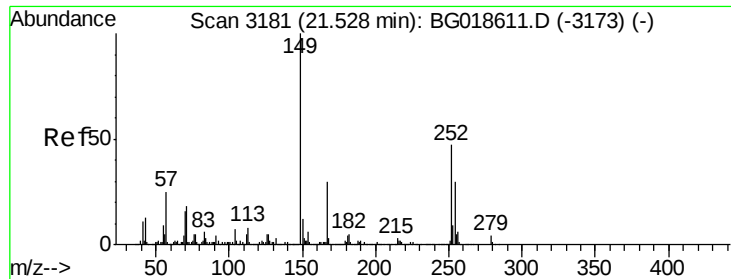
#82
 Chrysene
 Concen: 27.46 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. 0.16 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Tgt Ion:228 Resp: 290120
 Ion Ratio Lower Upper
 228 100
 226 30.1 26.7 40.1
 229 19.5 17.0 25.6



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

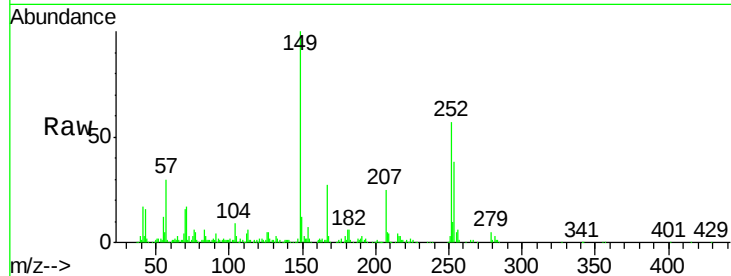




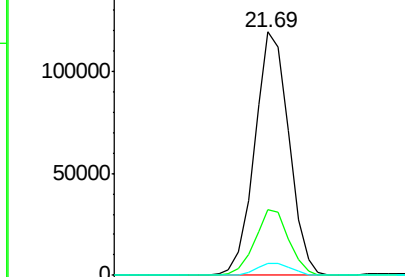
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 23.68 ng
 RT: 21.69 min Scan# 3208
 Delta R.T. 0.16 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

Instrument :
 BNA_G
 ClientSampleId :

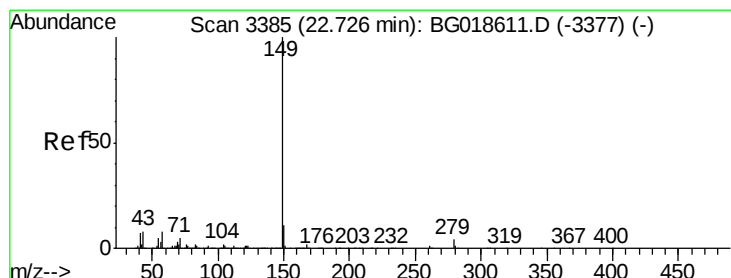
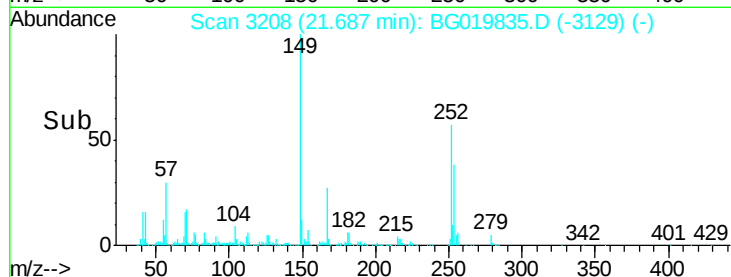
Tot Ion:149 Resp: 166308
 Ion Ratio Lower Upper
 149 100
 167 27.1 23.8 35.8
 279 5.1 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

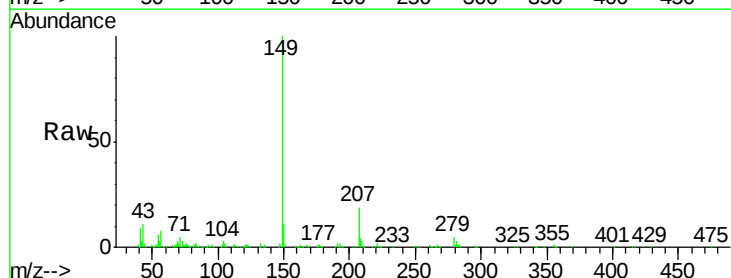


Time--> 21.60 21.65 21.70 21.75

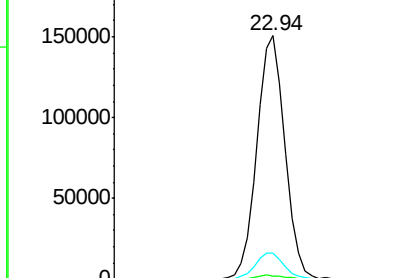


#84
 Di-n-octyl phthalate
 Concen: 22.41 ng
 RT: 22.94 min Scan# 3422
 Delta R.T. 0.22 min
 Lab File: BG019835.D
 Acq: 2 Dec 2015 15:25

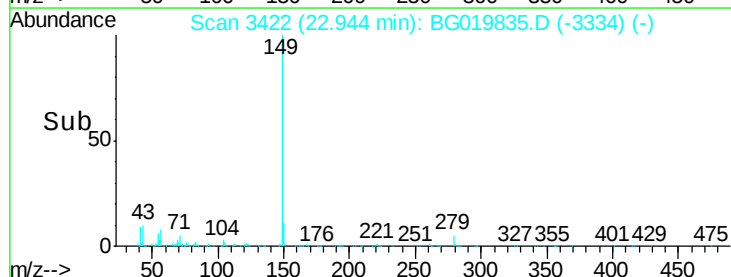
Tgt Ion:149 Resp: 266176
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.7 5.9 8.9#

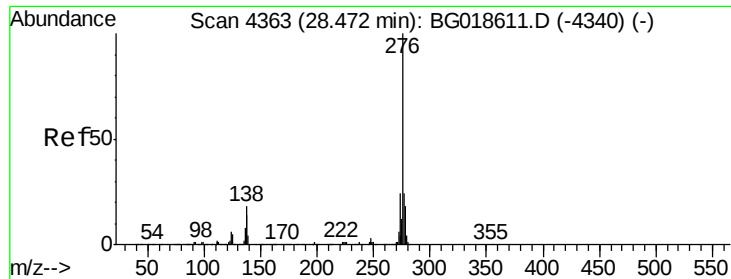


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0



Time--> 22.90 23.00





#85

Indeno(1,2,3-cd)pyrene

Concen: 19.50 ng

RT: 28.88 min Scan# 4432

Delta R.T. 0.43 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

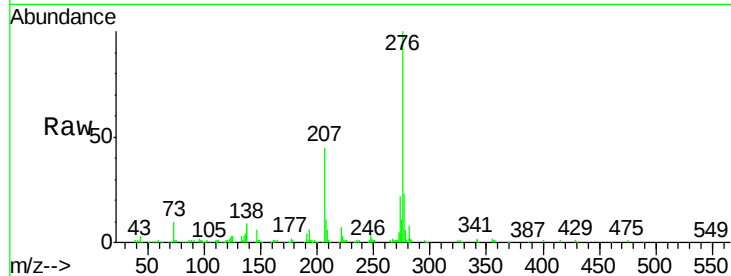
Tot Ion:276 Resp: 261591

Ion Ratio Lower Upper

276 100

138 10.2 0.0 0.0#

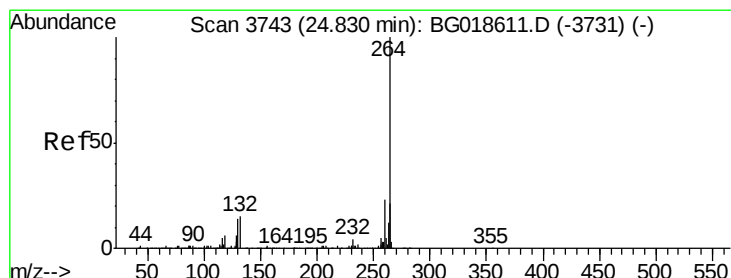
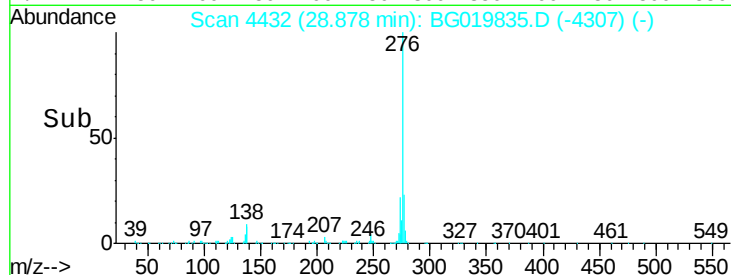
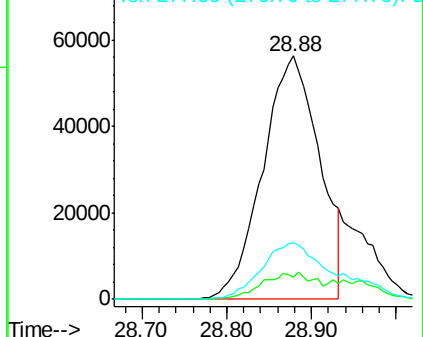
277 24.1 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.09 min Scan# 3788

Delta R.T. 0.27 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

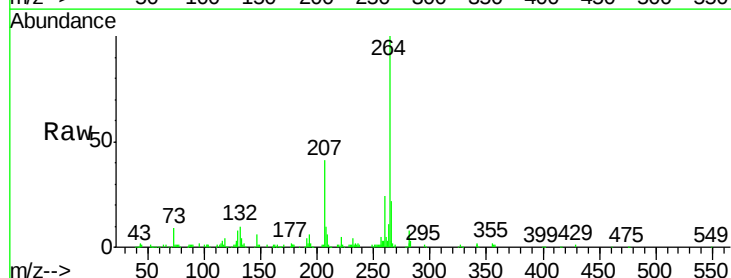
Tgt Ion:264 Resp: 175290

Ion Ratio Lower Upper

264 100

260 24.4 18.5 27.7

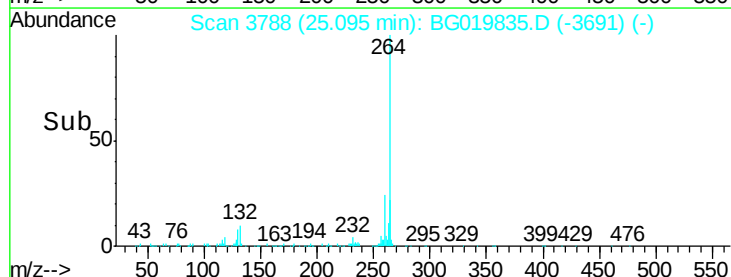
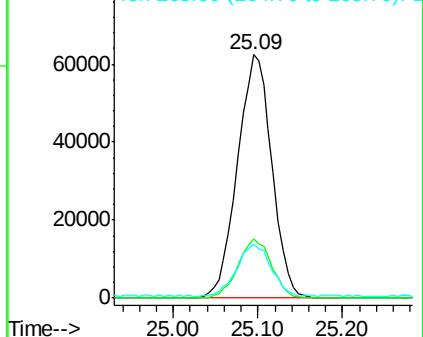
265 22.4 17.2 25.8

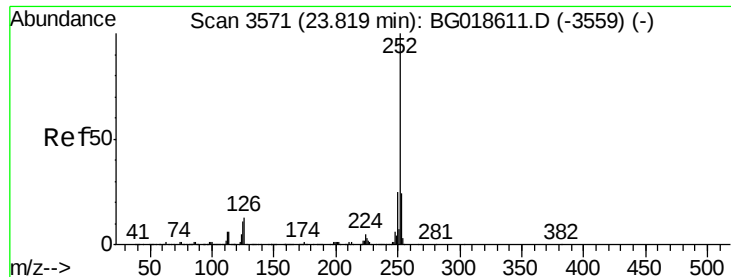


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

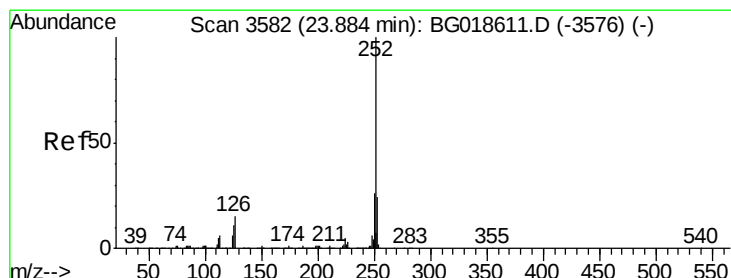
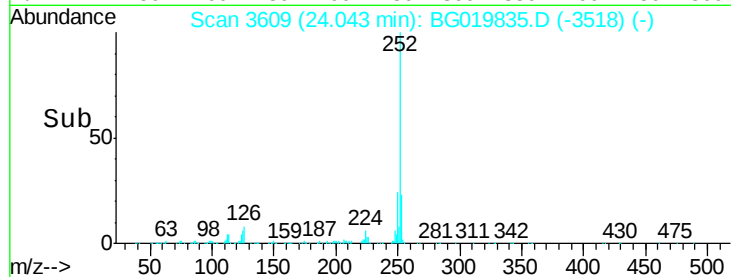
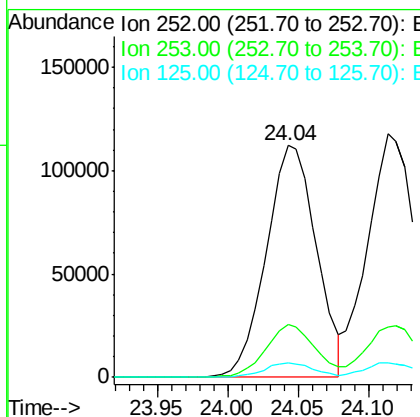
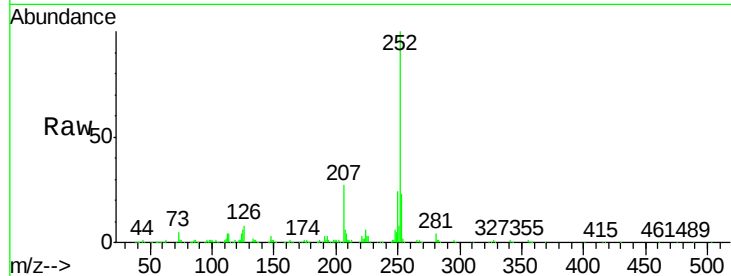




#87
Benzo(b)fluoranthene
Concen: 27.28 ng
RT: 24.04 min Scan# 3609
Delta R.T. 0.23 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

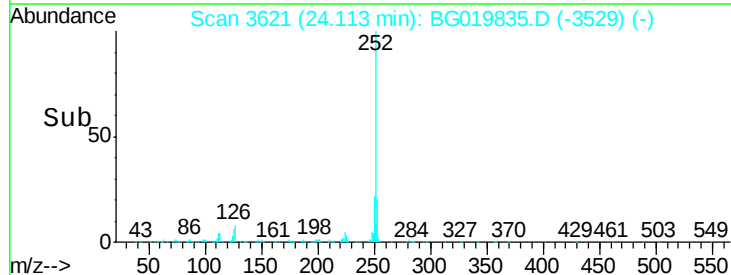
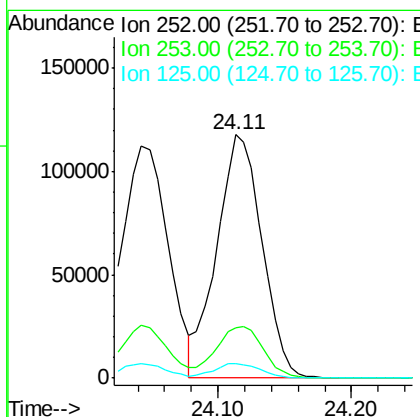
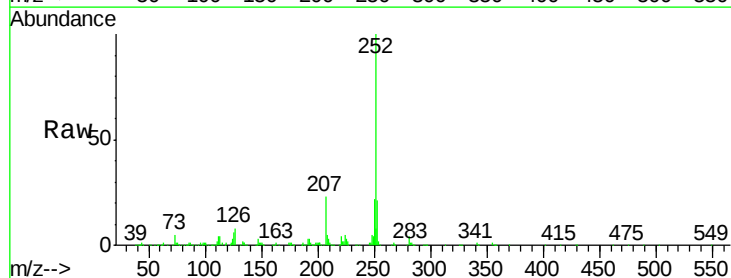
Instrument :
BNA_G
ClientSampleId :

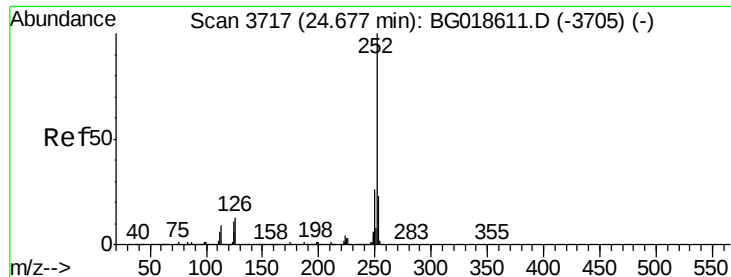
Tot Ion:252 Resp: 277290
Ion Ratio Lower Upper
252 100
253 22.8 19.1 28.7
125 6.5 8.9 13.3#



#88
Benzo(k)fluoranthene
Concen: 27.19 ng
RT: 24.11 min Scan# 3621
Delta R.T. 0.24 min
Lab File: BG019835.D
Acq: 2 Dec 2015 15:25

Tgt Ion:252 Resp: 276912
Ion Ratio Lower Upper
252 100
253 20.5 19.0 28.4
125 5.8 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 27.26 ng

RT: 24.94 min Scan# 3762

Delta R.T. 0.27 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :

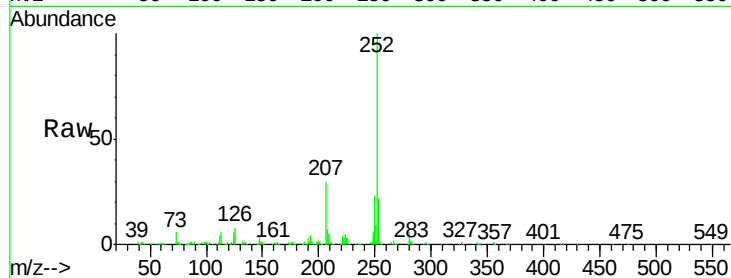
Tot Ion:252 Resp: 263654

Ion Ratio Lower Upper

252 100

253 22.1 18.7 28.1

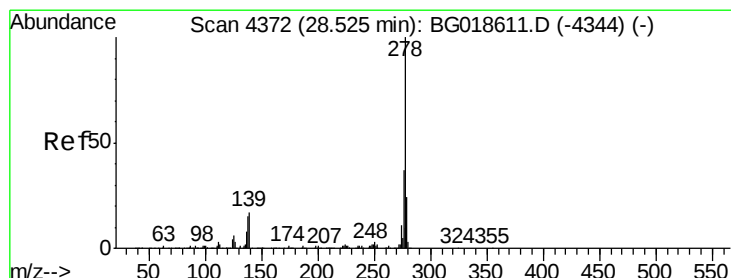
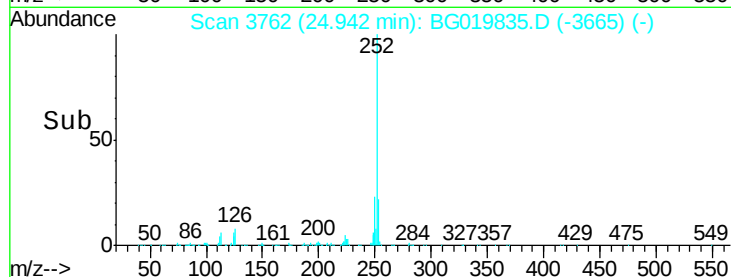
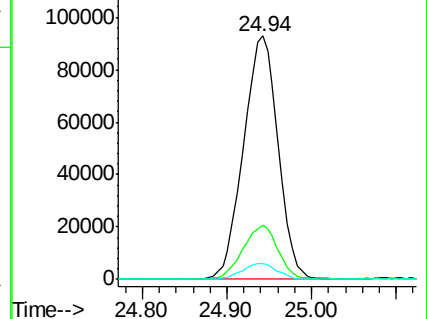
125 6.5 9.1 13.7#



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



#90

Dibenzo(a,h)anthracene

Concen: 27.40 ng

RT: 28.95 min Scan# 4445

Delta R.T. 0.44 min

Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

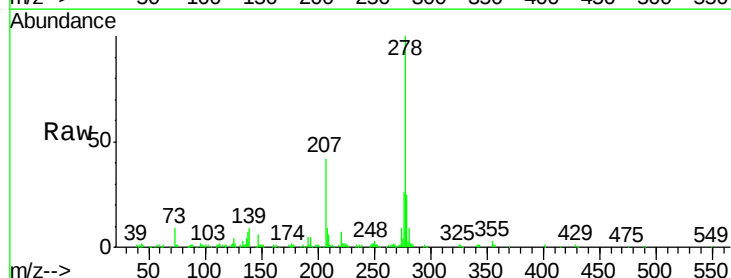
Tgt Ion:278 Resp: 260938

Ion Ratio Lower Upper

278 100

139 8.9 13.8 20.6#

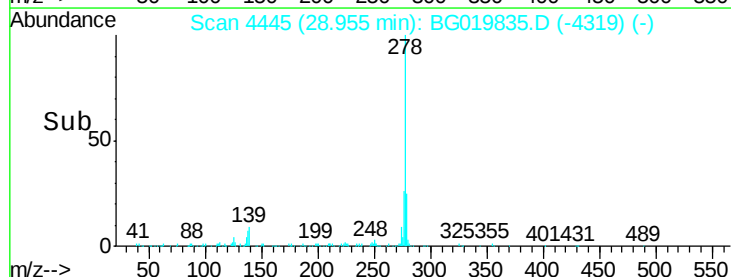
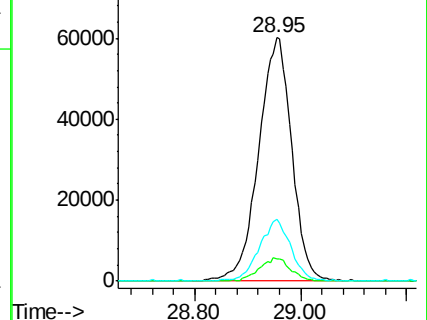
279 25.3 19.4 29.0

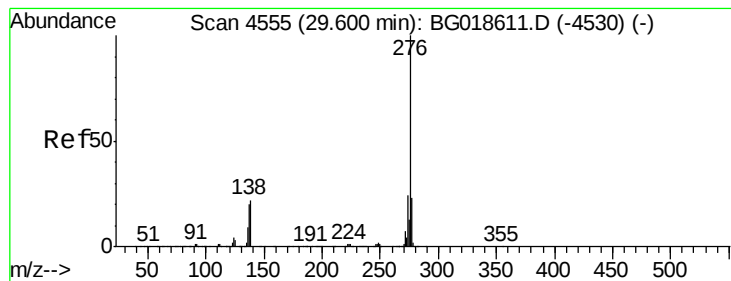


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 26.58 ng

RT: 30.07 min Scan# 4634

Delta R.T. 0.48 min

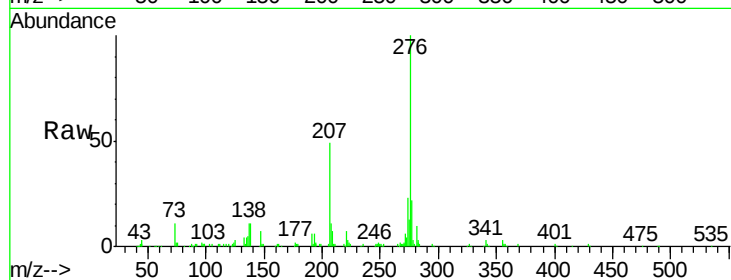
Lab File: BG019835.D

Acq: 2 Dec 2015 15:25

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	257811
Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.4	27.6
138	10.9	17.4	26.0

