

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020015.D
 Acq On : 8 Dec 2015 13:08
 Operator : UM/SJ
 Sample : G4684-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 UST-2

Quant Time: Dec 09 04:01:48 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 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	22433	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	84723	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	73375	20.00	ng	0.02
63) Phenanthrene-d10	17.52	188	115560	20.00	ng	0.01
75) Chrysene-d12	21.77	240	140749	20.00	ng	-0.02
86) Perylene-d12	25.04	264	147851	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	140794	113.43	ng	0.00
7) Phenol-d6	7.27	99	189631	101.19	ng	0.00
23) Nitrobenzene-d5	9.29	82	204413	123.13	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	92964	82.80	ng	0.02
44) 2-Fluorobiphenyl	13.40	172	260048	48.39	ng	0.00
78) Terphenyl-d14	20.10	244	362790	62.87	ng	0.00

Target Compounds

						Qvalue
9) Benzaldehyde	7.27	77	103626	82.92	ng	# 1
10) Phenol	7.30	94	4928	2.50	ng	# 2
11) bis(2-Chloroethyl)ether	7.51	93	5919	4.05	ng	# 1
18) Hexachloroethane	9.25	117	366259	552.07	ng	# 1
19) n-Nitroso-di-n-propylamine	8.90	70	57295	38.77	ng	# 32
20) 3+4-Methylphenols	8.94	107	4331	2.21	ng	# 1
22) Acetophenone	8.94	105	688739	296.56	ng	# 61
24) Nitrobenzene	9.33	77	53647	29.79	ng	# 13
25) Isophorone	9.88	82	169043	47.50	ng	# 1
26) 2-Nitrophenol	10.08	139	8484	12.20	ng	# 1
27) 2,4-Dimethylphenol	10.17	122	7795	5.38	ng	# 1
28) bis(2-Chloroethoxy)methane	10.36	93	8449	4.86	ng	# 1
29) 2,4-Dichlorophenol	10.60	162	6425	4.34	ng	# 1
31) Naphthalene	11.01	128	554271	122.12	ng	# 82
32) Benzoic acid	10.17	122	7795	12.99	ng	# 1
33) 4-Chloroaniline	11.08	127	38019	19.01	ng	# 1
35) Caprolactam	11.88	113	34703	63.01	ng	# 1
37) 2-Methylnaphthalene	12.63	142	941279	282.99	ng	# 94
42) 2,4,6-Trichlorophenol	13.23	196	4002	2.17	ng	# 13
45) 1,1'-Biphenyl	13.61	154	244137	40.54	ng	# 99
47) 2-Nitroaniline	13.87	65	5962	4.07	ng	# 41
48) Acenaphthylene	14.51	152	18321	2.32	ng	# 1
49) Dimethylphthalate	14.21	163	69444	10.52	ng	# 57
50) 2,6-Dinitrotoluene	14.33	165	8285	6.68	ng	# 56
51) Acenaphthene	14.84	154	45656	9.52	ng	# 64
52) 3-Nitroaniline	14.69	138	8060	6.25	ng	# 72
53) 2,4-Dinitrophenol	14.87	184	1251	10.94	ng	# 1
54) Dibenzofuran	15.17	168	57351	8.04	ng	# 1
55) 4-Nitrophenol	14.99	139	51264	45.66	ng	# 46
56) 2,4-Dinitrotoluene	15.13	165	4307	2.49	ng	# 65
57) Fluorene	15.82	166	148515	23.25	ng	# 70
59) Diethylphthalate	15.58	149	30298	4.24	ng	# 56
62) Azobenzene	16.10	77	15623	2.63	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.86	198	2833	9.91	ng	# 1

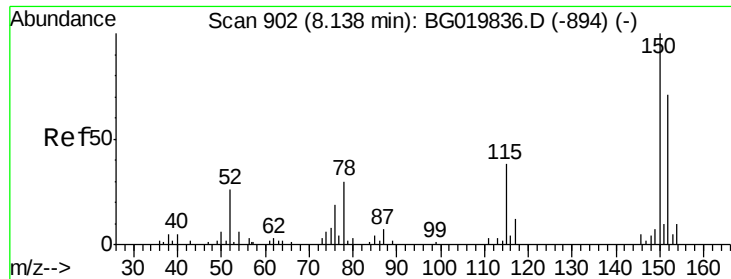
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
Data File : BG020015.D
Acq On : 8 Dec 2015 13:08
Operator : UM/SJ
Sample : G4684-03
Misc :
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Quant Time: Dec 09 04:01:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) n-Nitrosodiphenylamine	16.03	169	249390	74.58	ng	# 53
68) Atrazine	16.98	200	51446	35.41	ng	73
70) Phenanthrene	17.57	178	172456	26.38	ng	# 90
71) Anthracene	17.68	178	19623	2.95	ng	# 1
77) Pyrene	19.92	202	133023	16.06	ng	# 88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

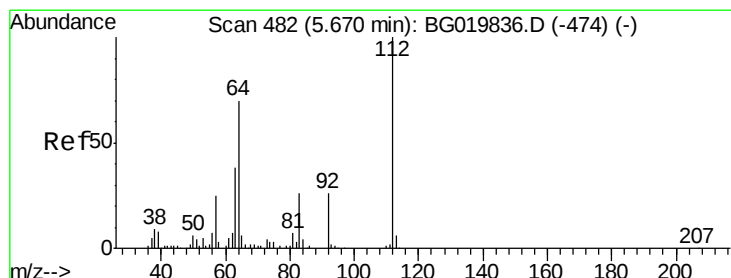
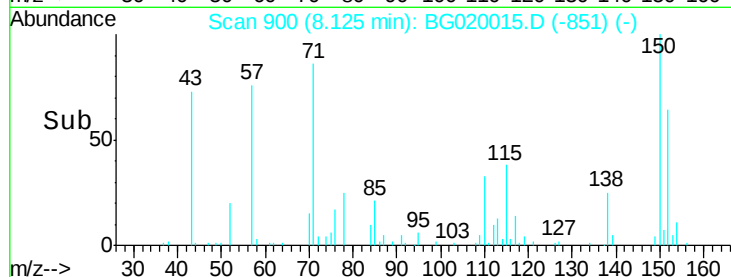
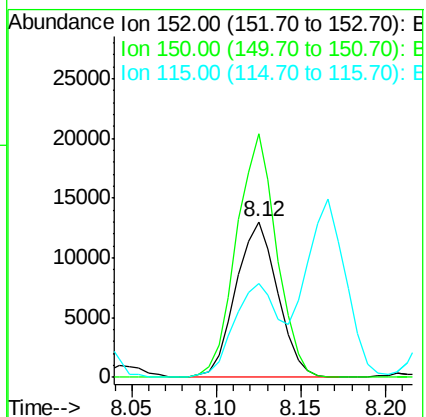
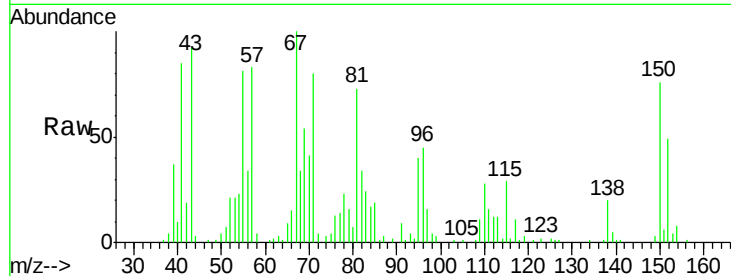
Tgt Ion:152 Resp: 22433

Ion Ratio Lower Upper

152 100

150 156.7 115.0 172.4

115 60.0 43.9 65.9



#5

2-Fluorophenol

Concen: 113.43 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

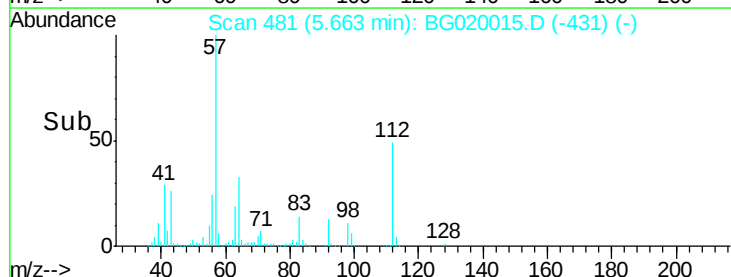
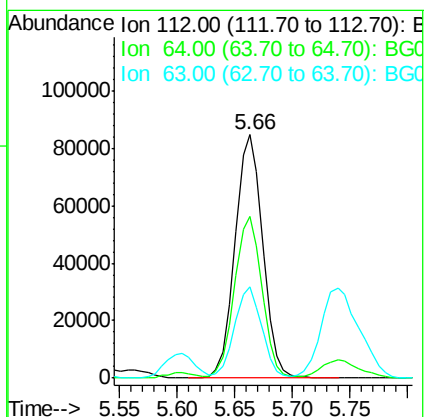
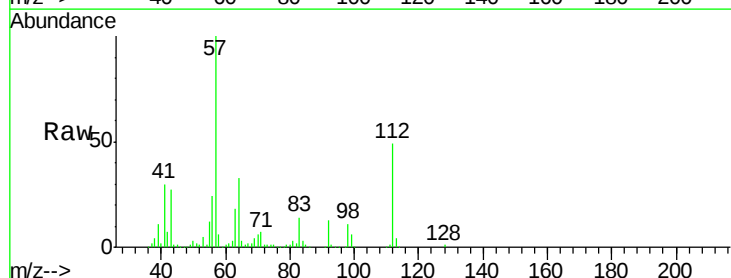
Tgt Ion:112 Resp: 140794

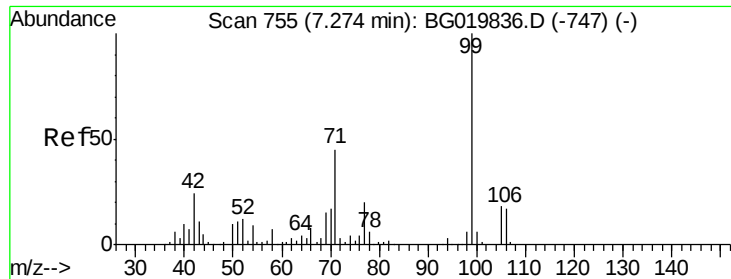
Ion Ratio Lower Upper

112 100

64 66.4 43.7 65.5#

63 37.6 24.0 36.0#





#7

Phenol-d6

Concen: 101.19 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampled :

UST-2

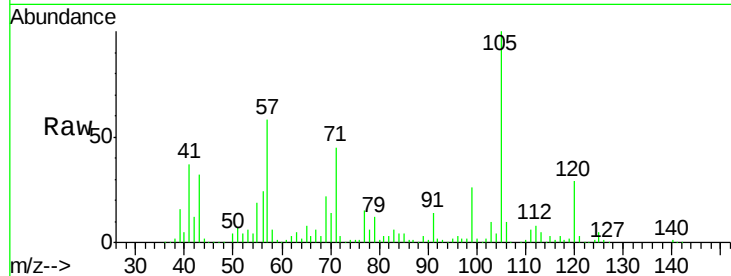
Tgt Ion: 99 Resp: 189631

Ion Ratio Lower Upper

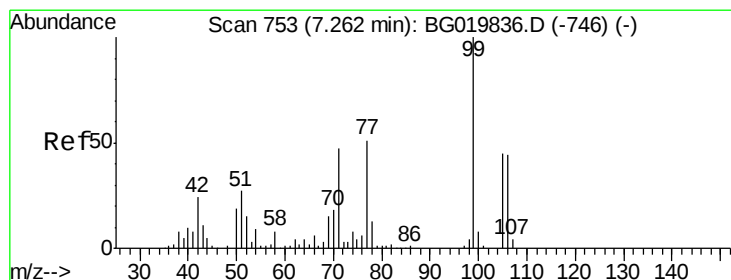
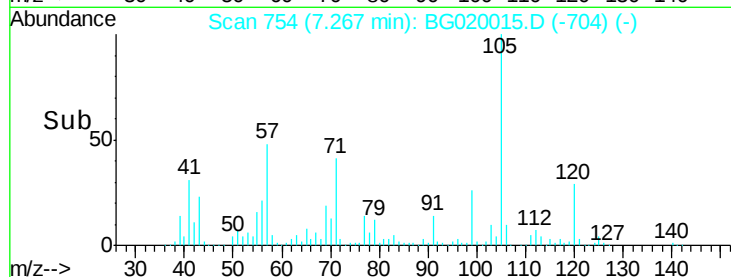
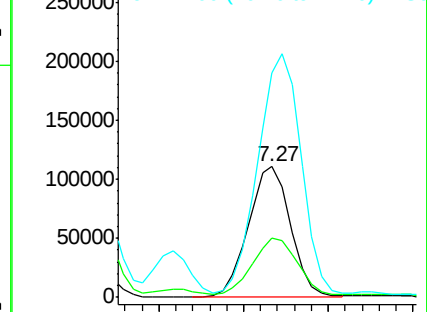
99 100

42 45.4 11.5 17.3#

71 171.6 22.6 34.0#



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



#9

Benzaldehyde

Concen: 82.92 ng

RT: 7.27 min Scan# 754

Delta R.T. 0.00 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

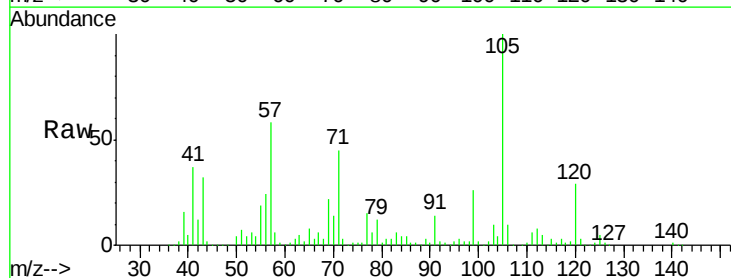
Tgt Ion: 77 Resp: 103626

Ion Ratio Lower Upper

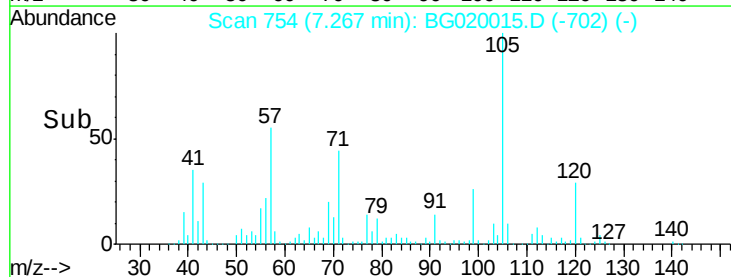
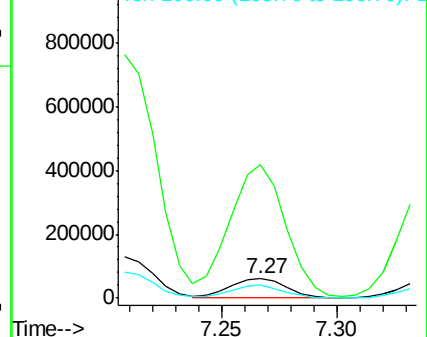
77 100

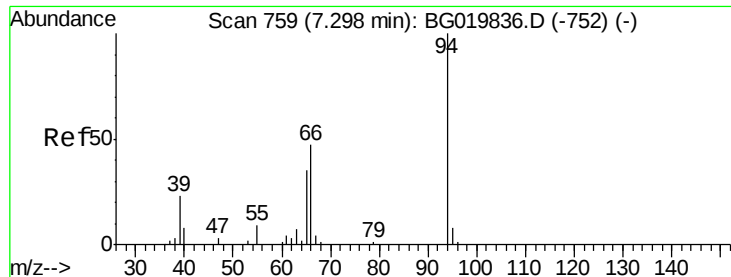
105 686.6 77.7 117.7#

106 66.7 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: 2.50 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

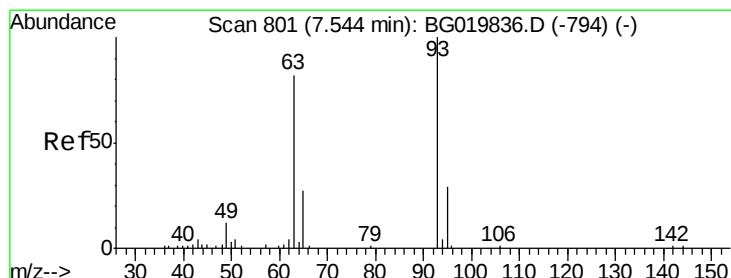
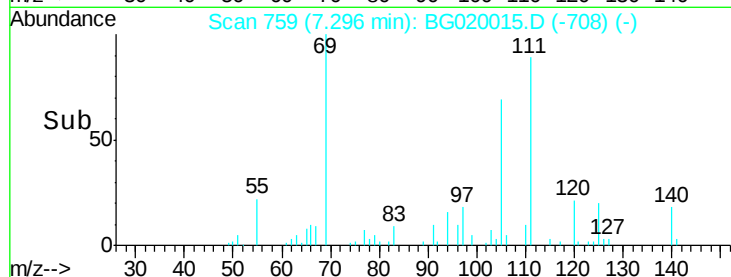
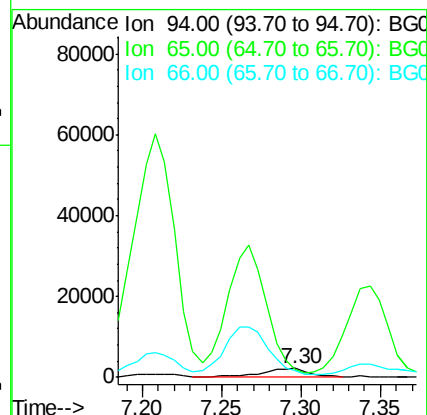
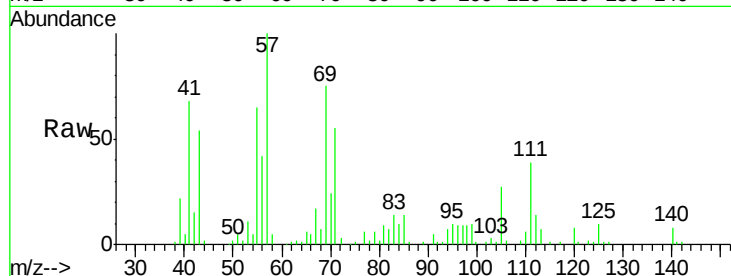
Tgt Ion: 94 Resp: 4928

Ion Ratio Lower Upper

94 100

65 87.9 5.4 45.4#

66 74.5 11.8 51.8#



#11

bis(2-Chloroethyl)ether

Concen: 4.05 ng

RT: 7.51 min Scan# 795

Delta R.T. -0.04 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

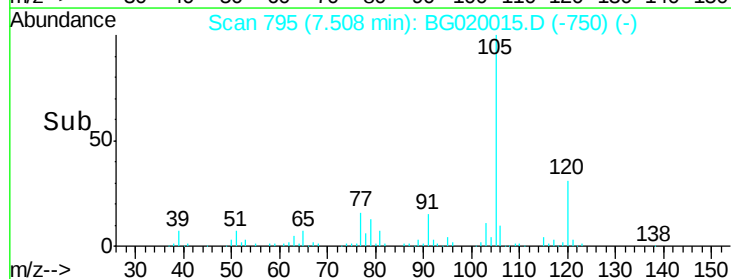
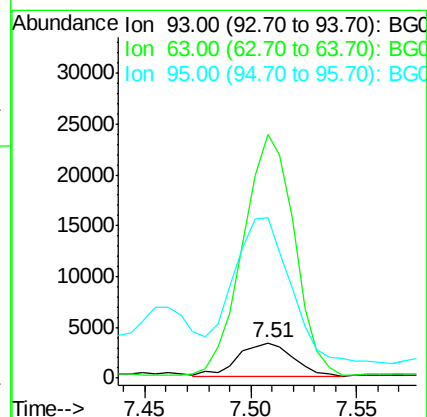
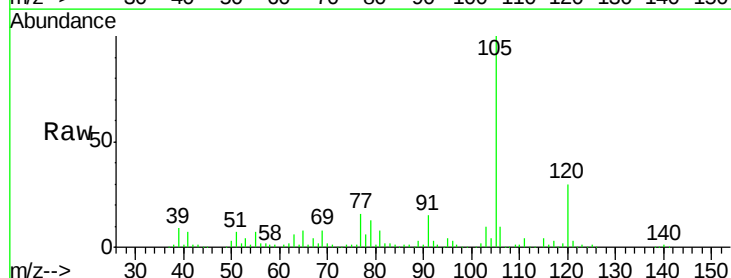
Tgt Ion: 93 Resp: 5919

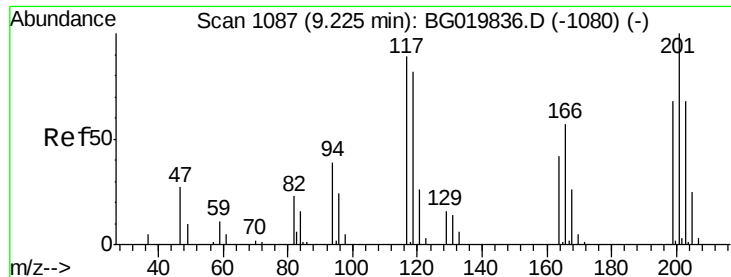
Ion Ratio Lower Upper

93 100

63 686.8 50.5 90.5#

95 451.0 12.2 52.2#

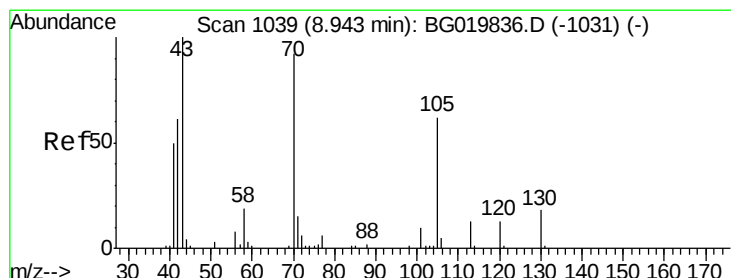
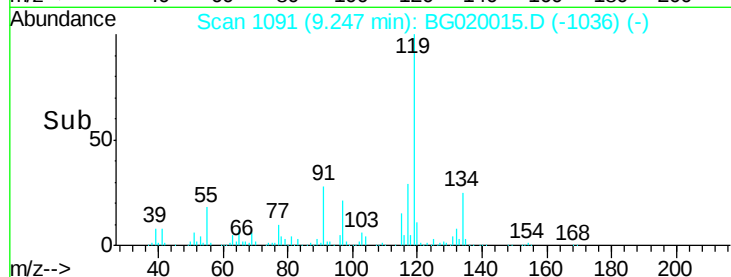
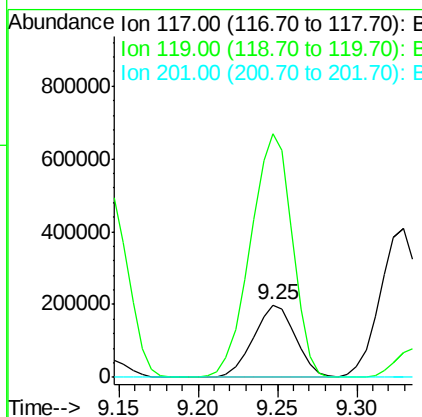
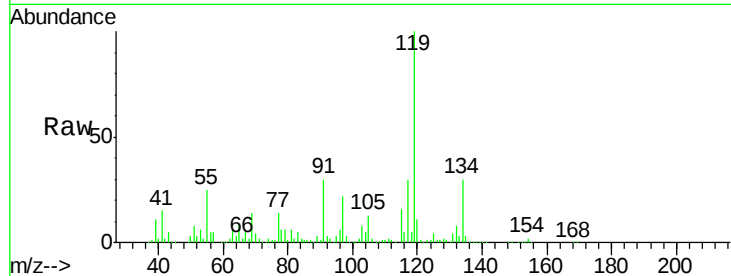




#18
Hexachloroethane
Concen: 552.07 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.02 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

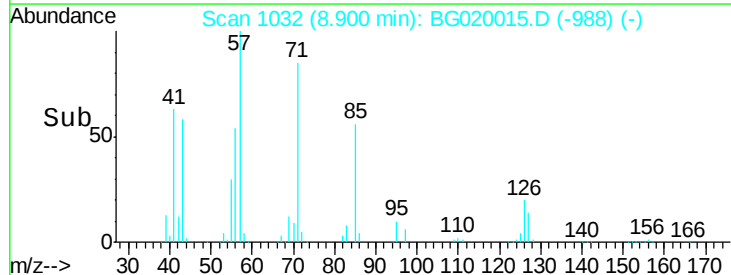
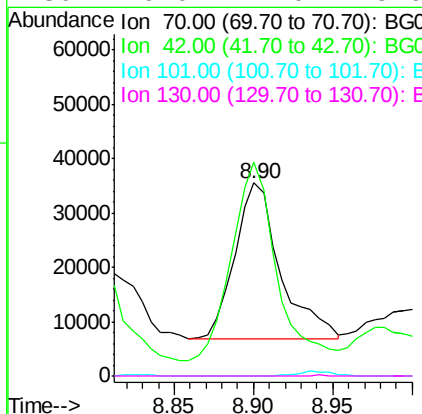
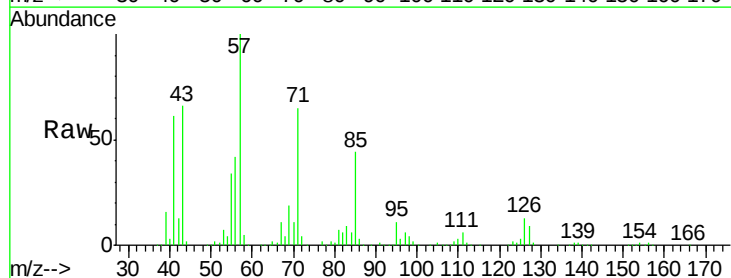
Instrument :
BNA_G
ClientSampled :
UST-2

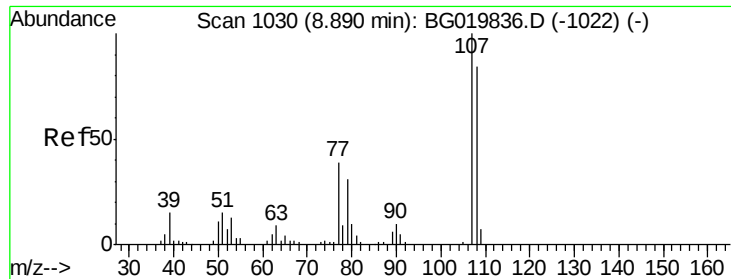
Tgt Ion: 117 Resp: 366259
Ion Ratio Lower Upper
117 100
119 336.2 71.7 107.5#
201 0.0 90.9 136.3#



#19
n-Nitroso-di-n-propylamine
Concen: 38.77 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.04 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion: 70 Resp: 57295
Ion Ratio Lower Upper
70 100
42 110.6 40.6 60.8#
101 0.0 8.6 13.0#
130 0.0 17.0 25.6#





#20

3+4-Methylphenols

Concen: 2.21 ng

RT: 8.94 min Scan# 1039

Delta R.T. 0.05 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

Tgt Ion:107 Resp: 4331

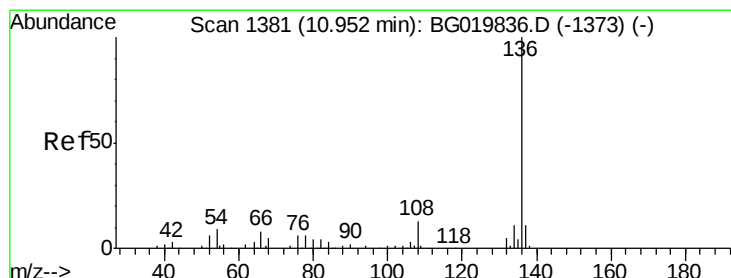
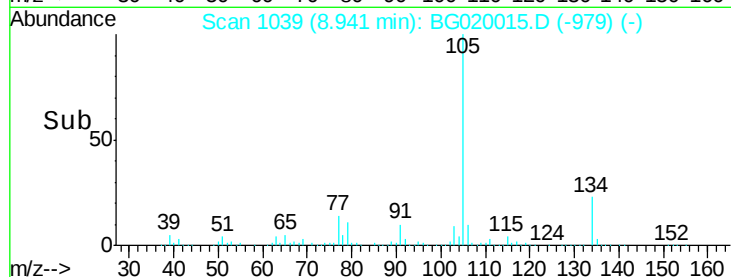
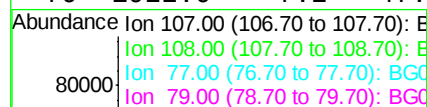
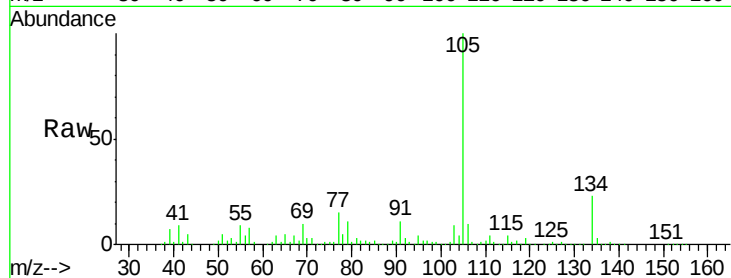
Ion Ratio Lower Upper

107 100

108 12.8 72.2 112.2#

77 2443.5 13.4 53.4#

79 1922.0 7.2 47.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Tgt Ion:136 Resp: 84723

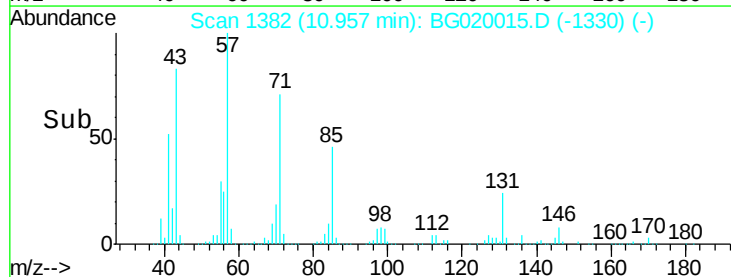
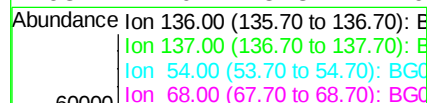
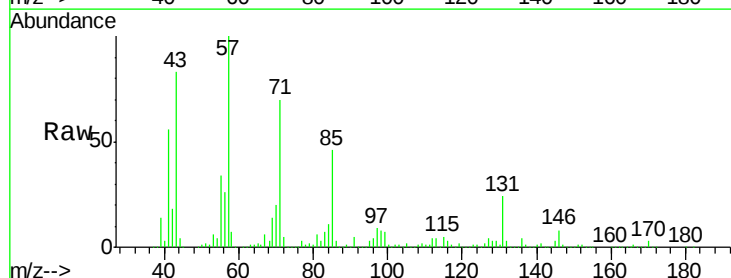
Ion Ratio Lower Upper

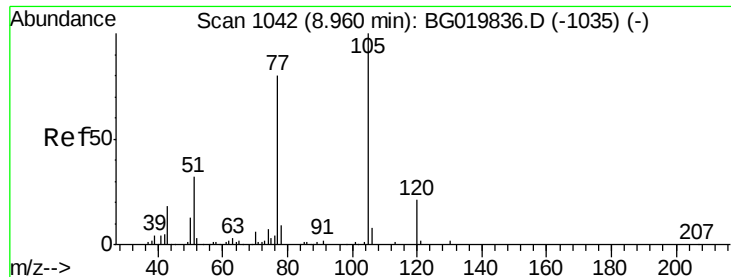
136 100

137 22.2 8.6 12.8#

54 107.4 5.4 8.2#

68 77.0 5.3 7.9#





#22

Acetophenone

Concen: 296.56 ng

RT: 8.94 min Scan# 1039

Delta R.T. -0.02 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

Tgt Ion:105 Resp: 688739

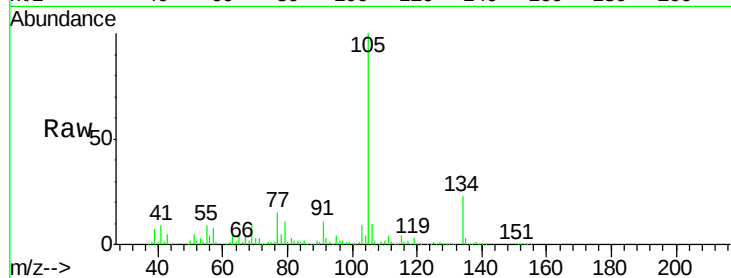
Ion Ratio Lower Upper

105 100

71 2.8 2.1 3.1

51 4.8 17.8 26.8#

120 0.3 17.7 26.5#

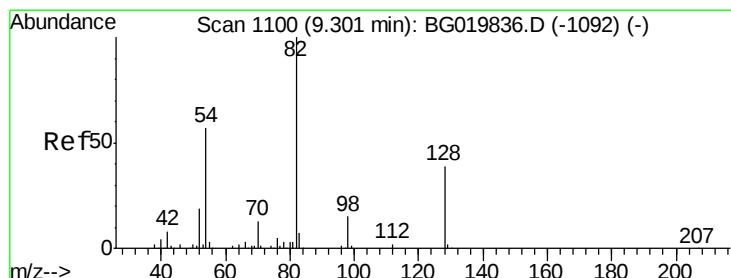
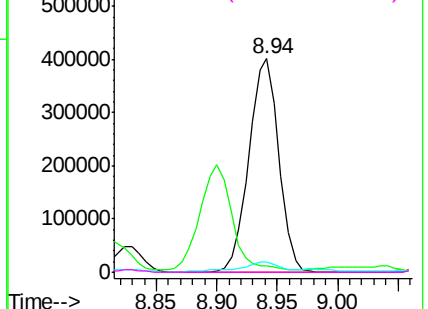
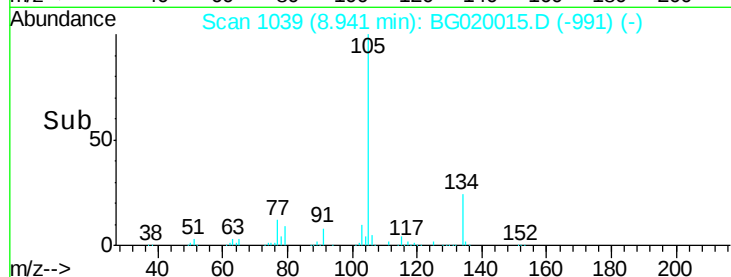


Abundance Ion 105.00 (104.70 to 105.70): E

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: 123.13 ng

RT: 9.29 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

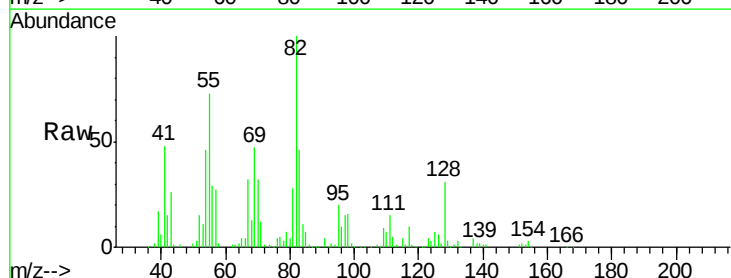
Tgt Ion: 82 Resp: 204413

Ion Ratio Lower Upper

82 100

128 31.2 36.7 55.1#

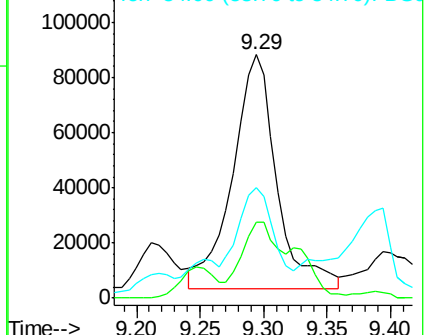
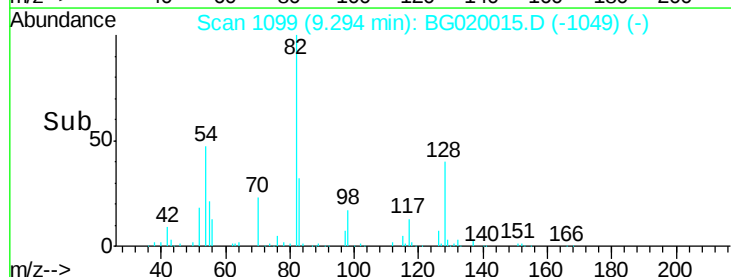
54 45.5 33.8 50.8

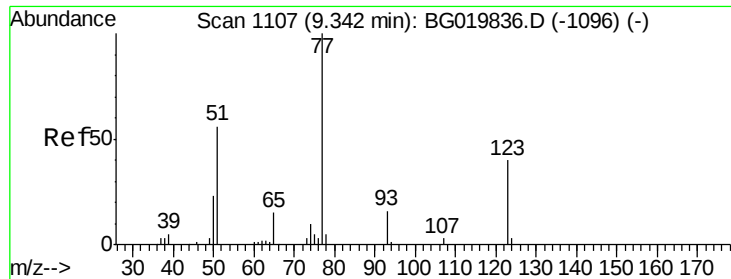


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

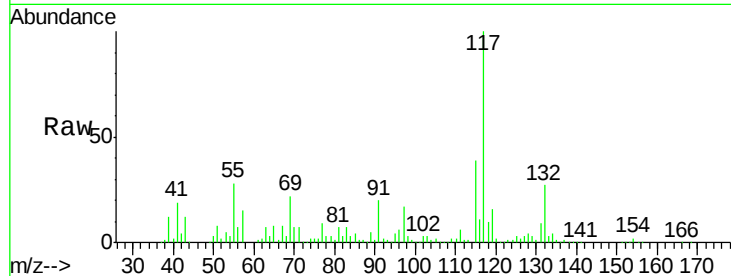




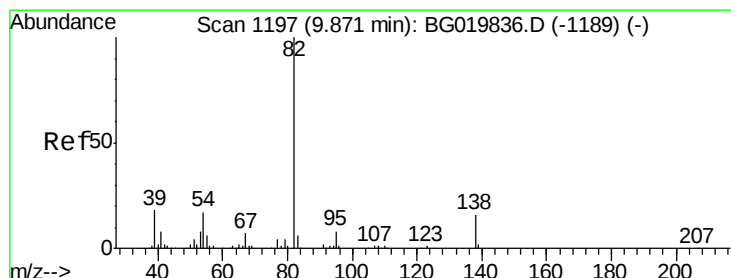
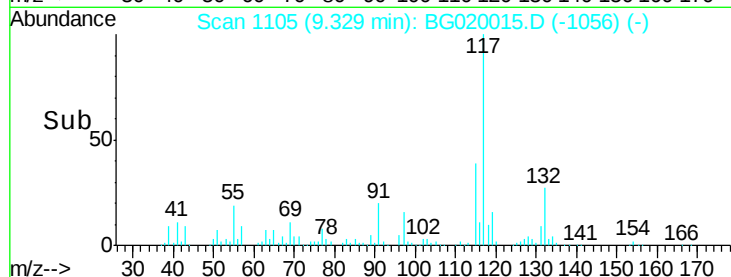
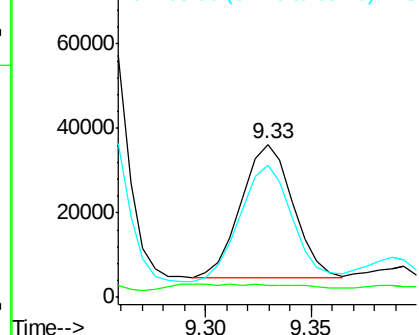
#24
Nitrobenzene
Concen: 29.79 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Instrument :
BNA_G
ClientSampleId :
UST-2

Tgt Ion: 77 Resp: 53647
Ion Ratio Lower Upper
77 100
123 7.5 38.2 57.2#
65 86.4 10.6 16.0#

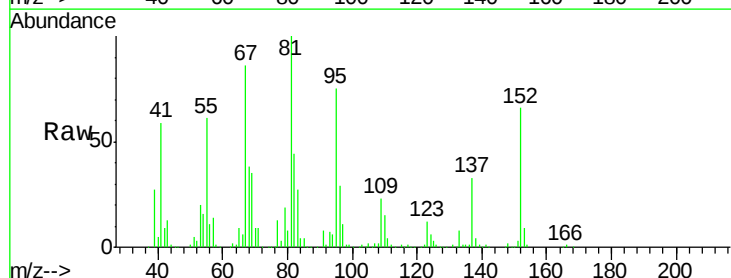


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

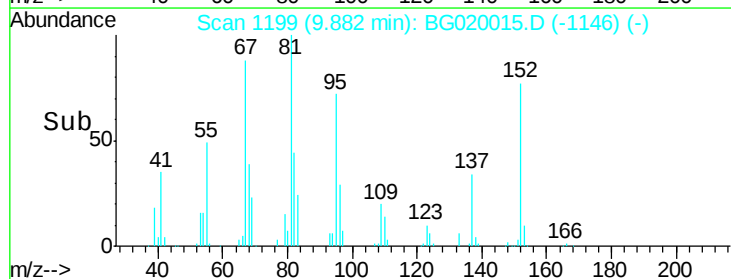
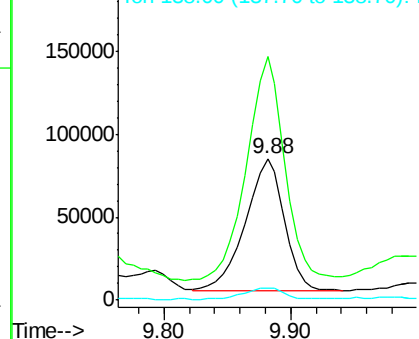


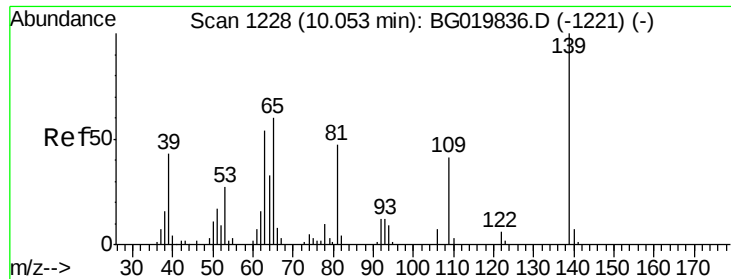
#25
Isophorone
Concen: 47.50 ng
RT: 9.88 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion: 82 Resp: 169043
Ion Ratio Lower Upper
82 100
95 172.4 5.2 7.8#
138 8.6 14.4 21.6#



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

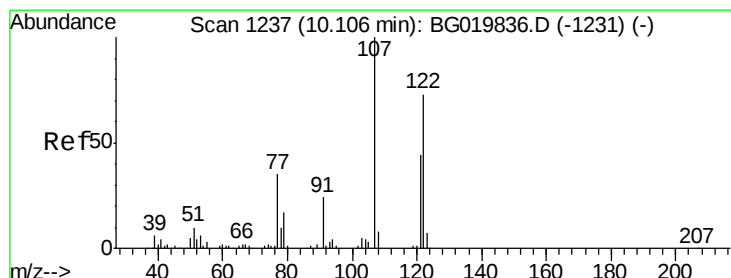
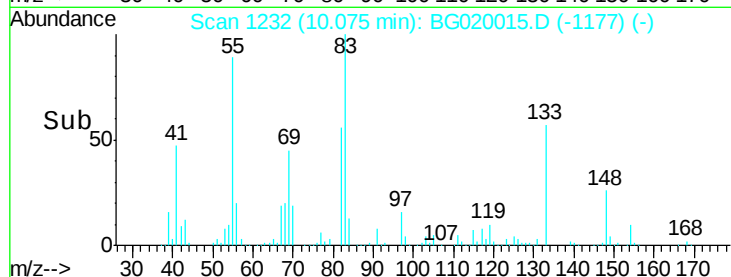
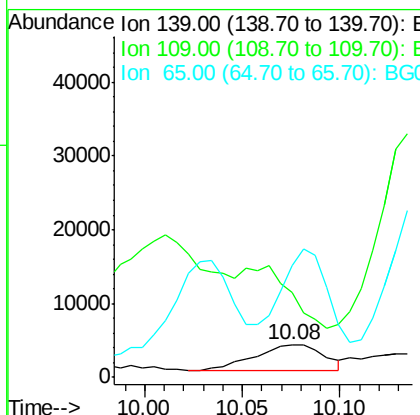
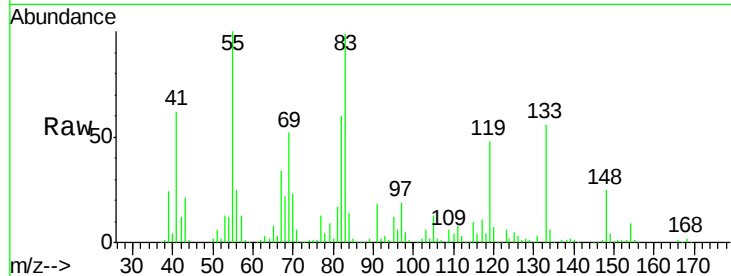




#26
2-Nitrophenol
Concen: 12.20 ng
RT: 10.08 min Scan# 1232
Delta R.T. 0.02 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

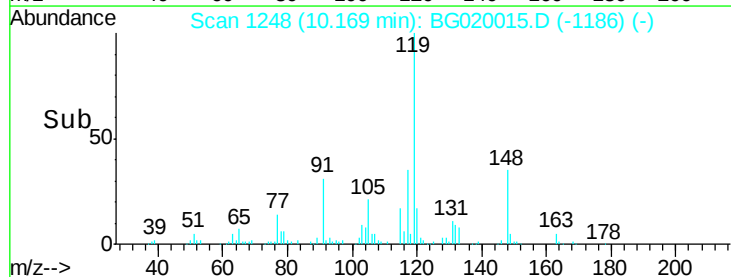
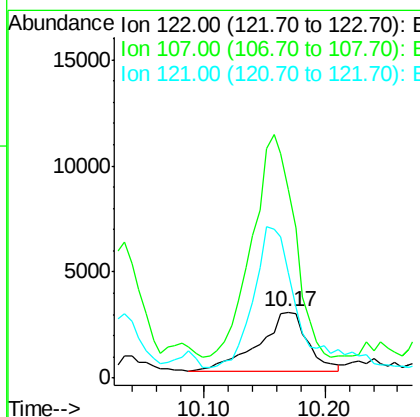
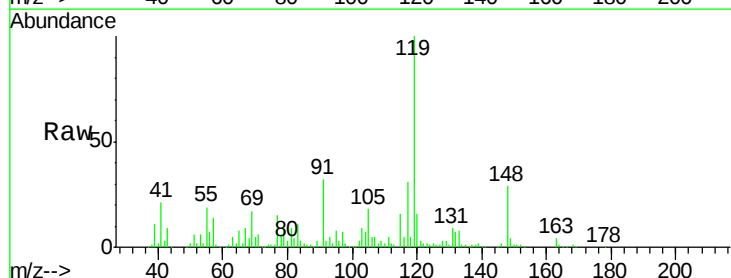
Instrument :
BNA_G
ClientSampled :
UST-2

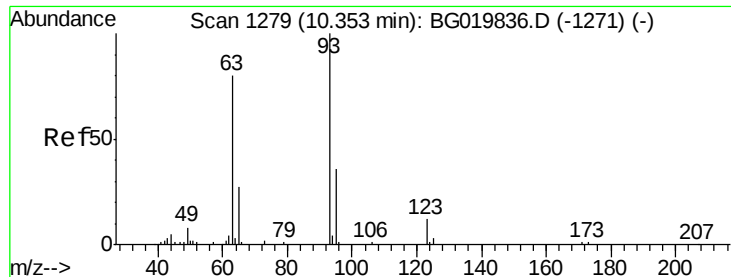
Tgt Ion:139 Resp: 8484
Ion Ratio Lower Upper
139 100
109 257.6 20.1 30.1#
65 340.2 34.1 51.1#



#27
2,4-Dimethylphenol
Concen: 5.38 ng
RT: 10.17 min Scan# 1248
Delta R.T. 0.06 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion:122 Resp: 7795
Ion Ratio Lower Upper
122 100
107 285.7 91.6 137.4#
121 159.7 47.3 70.9#

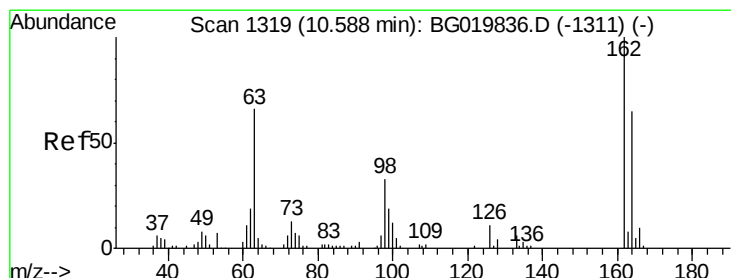
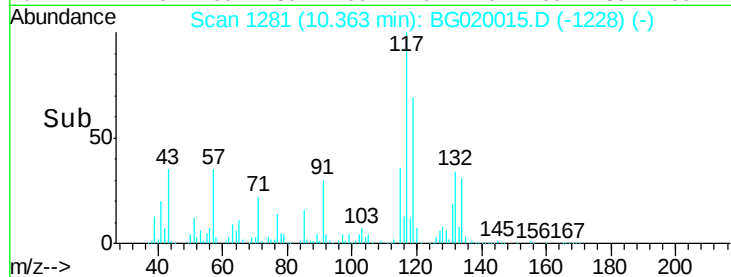
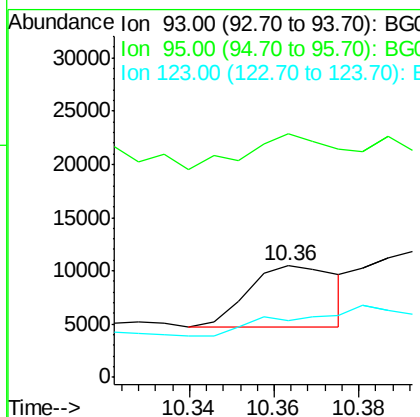
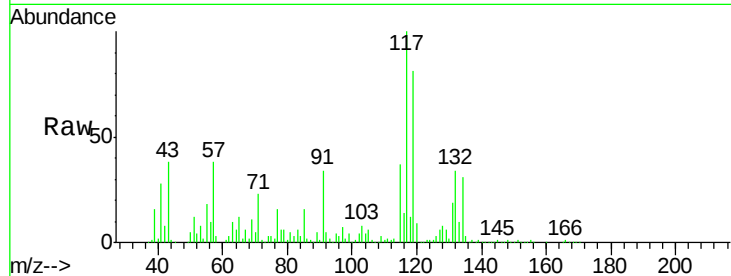




#28
 bis(2-Chloroethoxy)methane
 Concen: 4.86 ng
 RT: 10.36 min Scan# 1281
 Delta R.T. 0.01 min
 Lab File: BG020015.D
 Acq: 8 Dec 2015 13:08

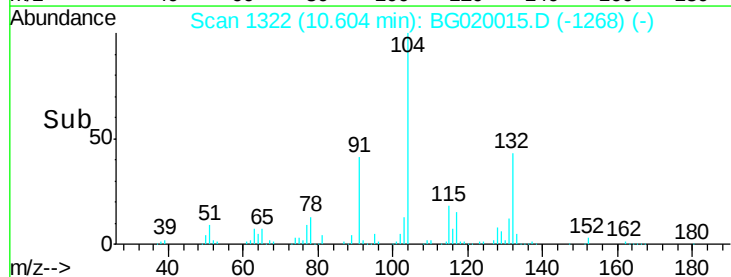
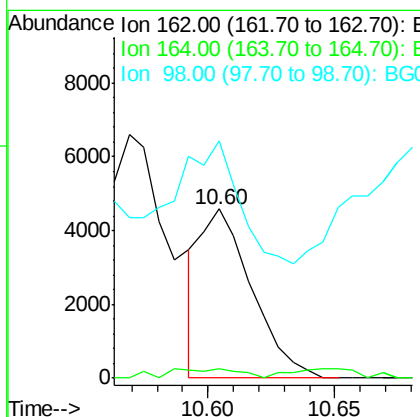
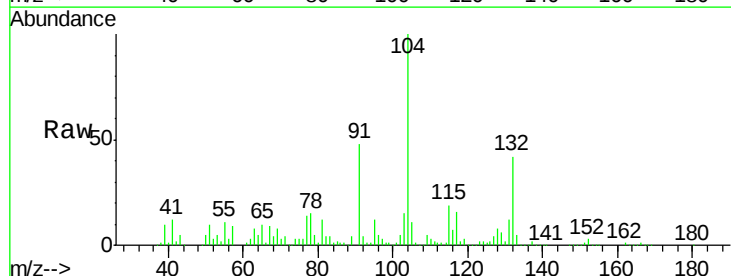
Instrument :
 BNA_G
 ClientSampleId :
 UST-2

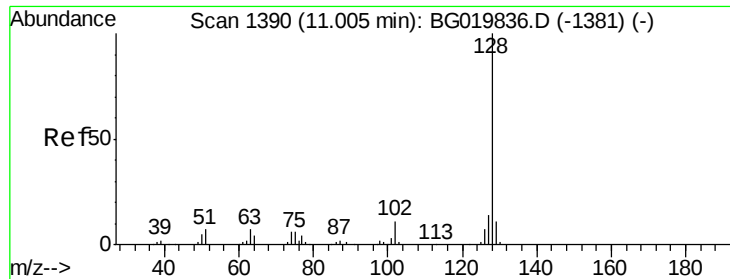
Tgt Ion: 93 Resp: 8449
 Ion Ratio Lower Upper
 93 100
 95 218.3 25.7 38.5#
 123 50.7 8.6 12.8#



#29
 2,4-Dichlorophenol
 Concen: 4.34 ng
 RT: 10.60 min Scan# 1322
 Delta R.T. 0.02 min
 Lab File: BG020015.D
 Acq: 8 Dec 2015 13:08

Tgt Ion: 162 Resp: 6425
 Ion Ratio Lower Upper
 162 100
 164 5.8 42.3 82.3#
 98 140.0 11.5 51.5#

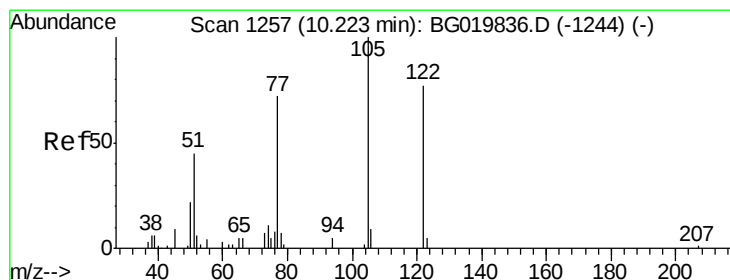
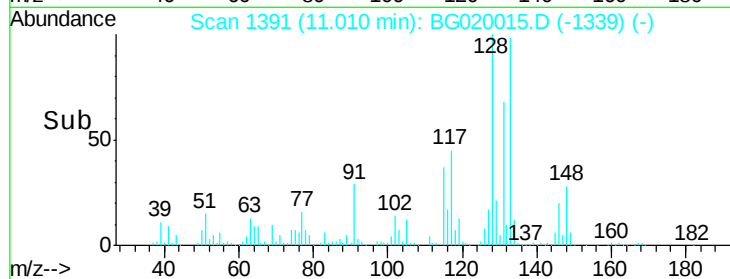
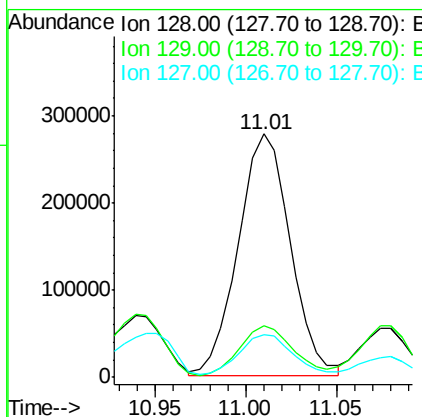
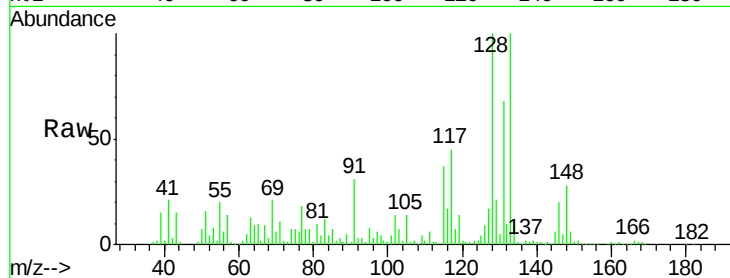




#31
Naphthalene
Concen: 122.12 ng
RT: 11.01 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

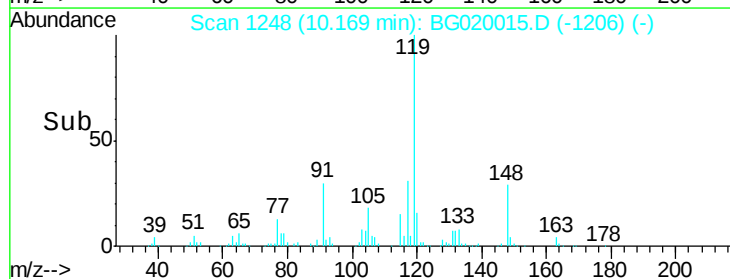
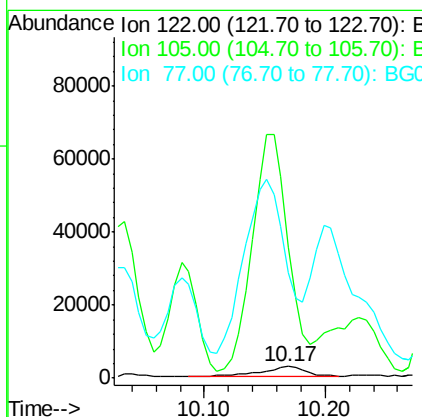
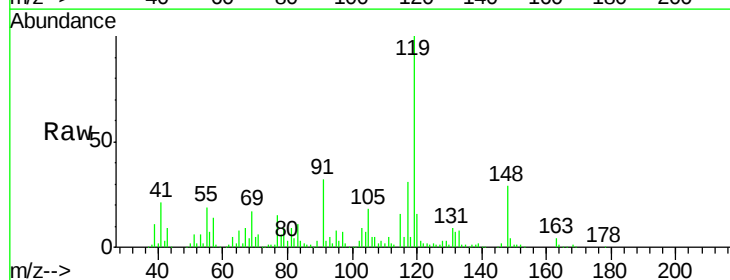
Instrument :
BNA_G
ClientSampleId :
UST-2

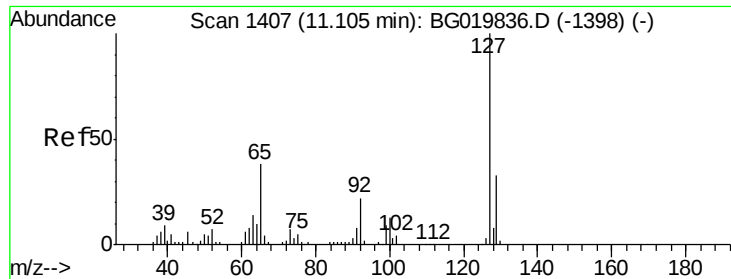
Tgt Ion:128 Resp: 554271
Ion Ratio Lower Upper
128 100
129 21.3 8.5 12.7#
127 17.5 10.6 16.0#



#32
Benzoic acid
Concen: 12.99 ng
RT: 10.17 min Scan# 1248
Delta R.T. -0.05 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion:122 Resp: 7795
Ion Ratio Lower Upper
122 100
105 1156.1 103.8 143.8#
77 930.9 68.8 108.8#

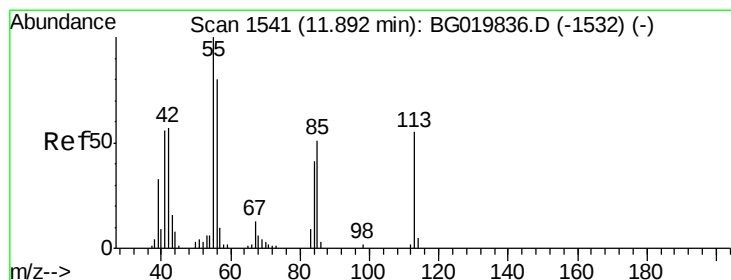
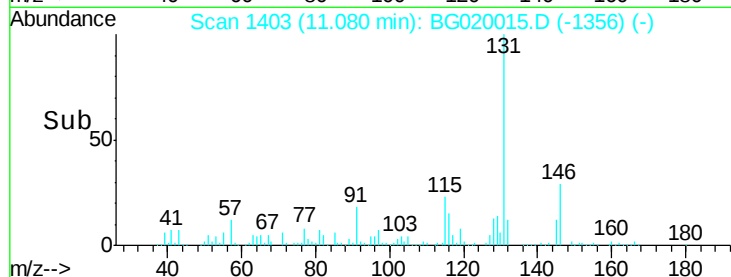
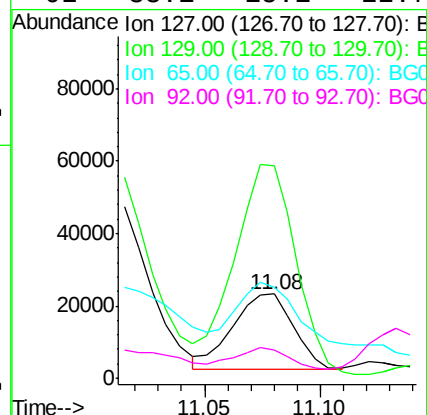
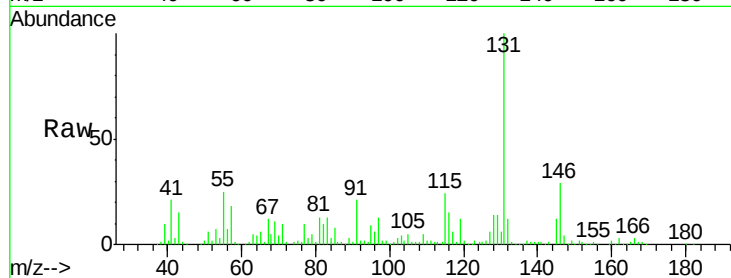




#33
4-Chloroaniline
Concen: 19.01 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

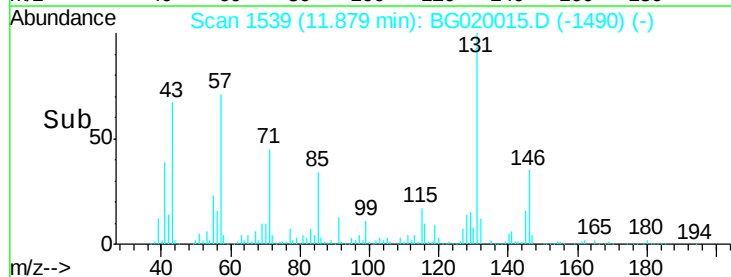
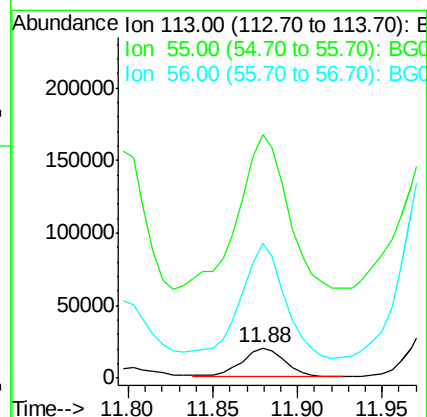
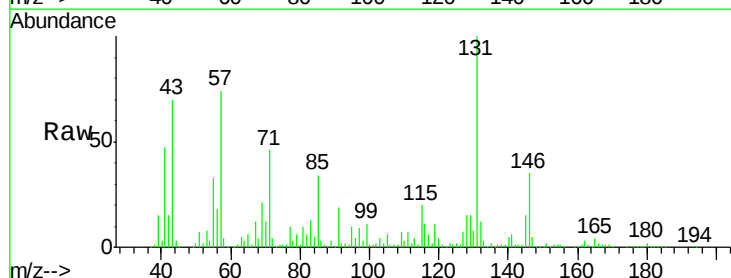
Instrument :
BNA_G
ClientSampleId :
UST-2

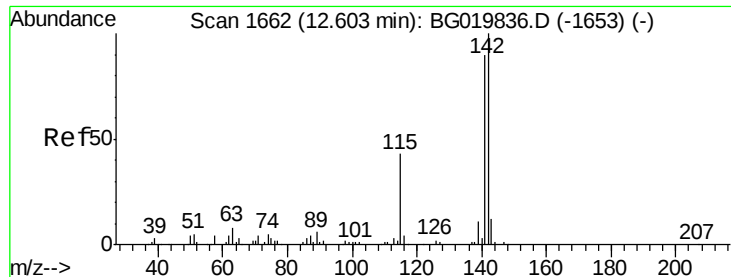
Tgt Ion:127 Resp: 38019
Ion Ratio Lower Upper
127 100
129 251.7 24.6 37.0#
65 107.4 22.6 33.8#
92 33.1 15.1 22.7#



#35
Caprolactam
Concen: 63.01 ng
RT: 11.88 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion:113 Resp: 34703
Ion Ratio Lower Upper
113 100
55 807.7 135.0 175.0#
56 446.5 83.4 123.4#

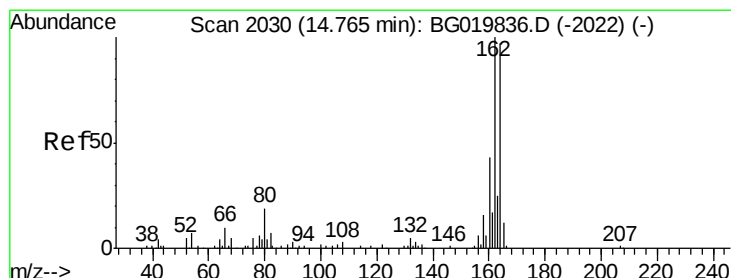
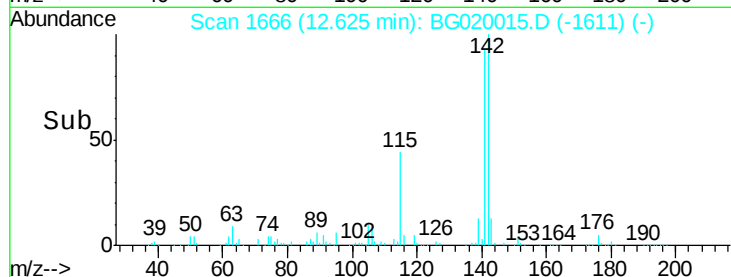
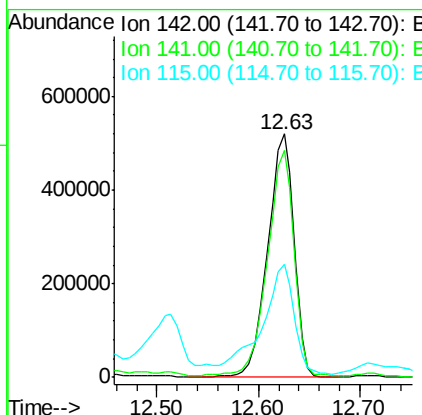
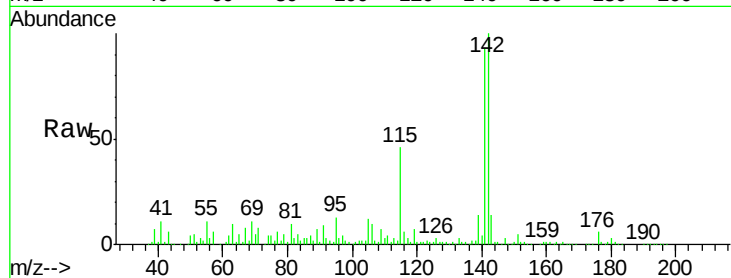




#37
2-Methylnaphthalene
Concen: 282.99 ng
RT: 12.63 min Scan# 1666
Delta R.T. 0.02 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

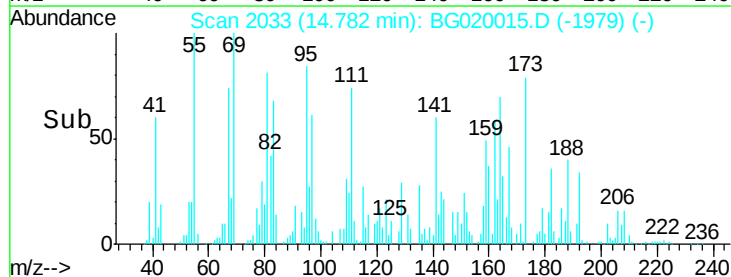
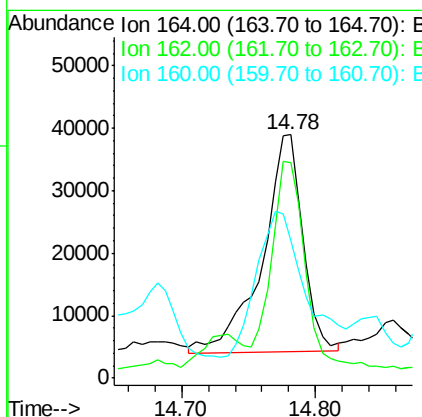
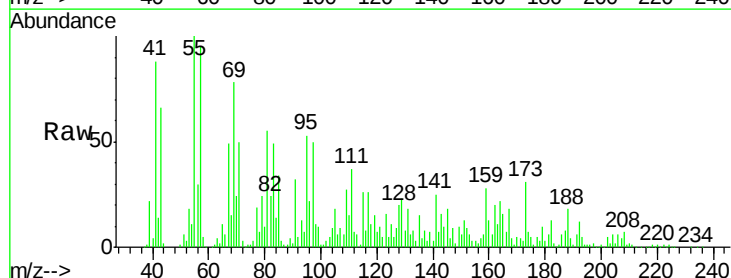
Instrument :
BNA_G
ClientSampleId :
UST-2

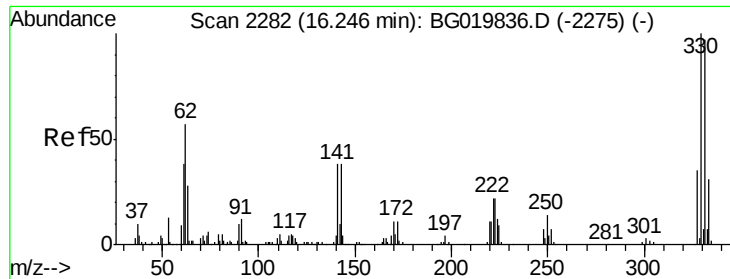
Tgt Ion:142 Resp: 941279
Ion Ratio Lower Upper
142 100
141 93.3 74.6 112.0
115 46.2 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. 0.02 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion:164 Resp: 73375
Ion Ratio Lower Upper
164 100
162 88.7 78.8 118.2
160 56.6 36.4 54.6#

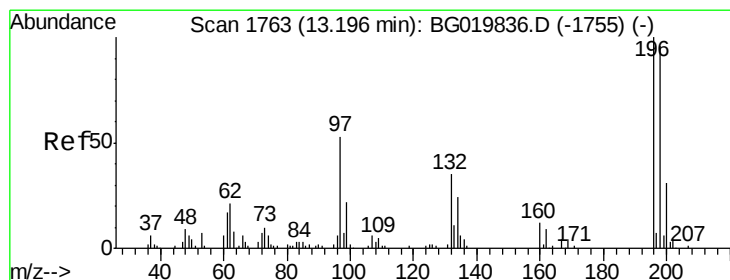
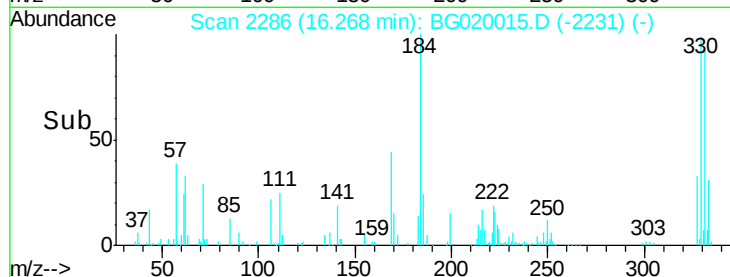
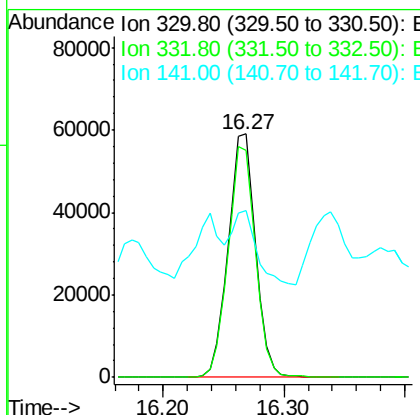
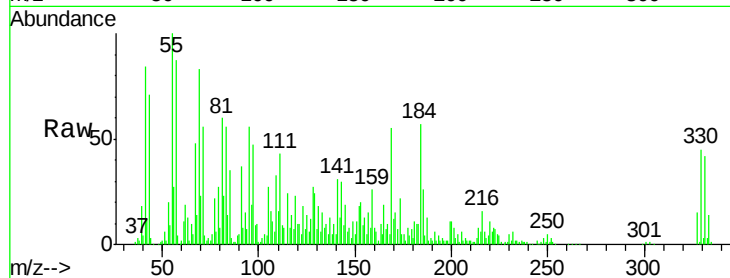




#41
 2,4,6-Tribromophenol
 Concen: 82.80 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. 0.02 min
 Lab File: BG020015.D
 Acq: 8 Dec 2015 13:08

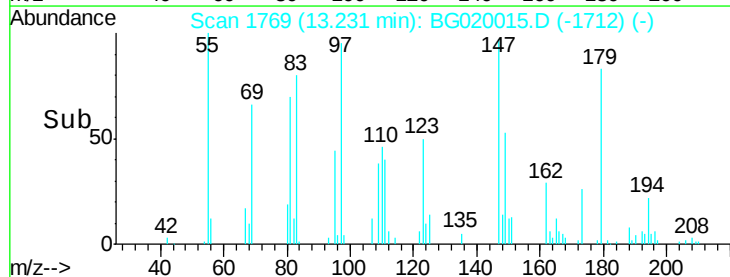
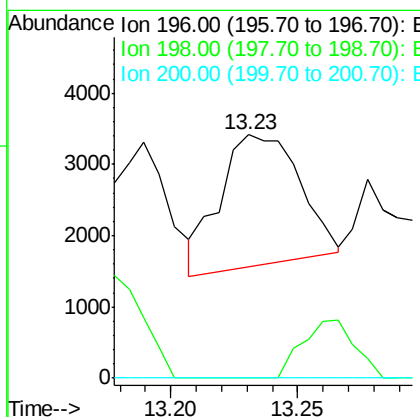
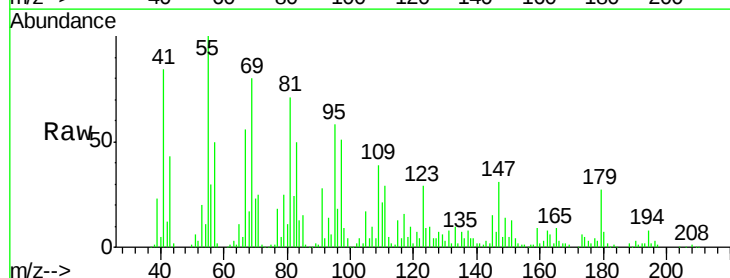
Instrument :
 BNA_G
 ClientSampled :
 UST-2

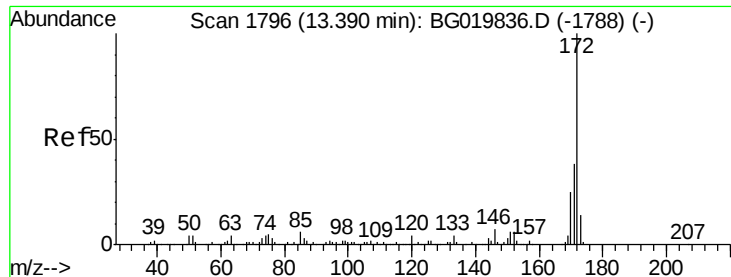
Tgt Ion:330 Resp: 92964
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.1 117.1
 141 27.2 28.2 42.2#



#42
 2,4,6-Trichlorophenol
 Concen: 2.17 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.03 min
 Lab File: BG020015.D
 Acq: 8 Dec 2015 13:08

Tgt Ion:196 Resp: 4002
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.7 112.1#
 200 0.0 24.1 36.1#

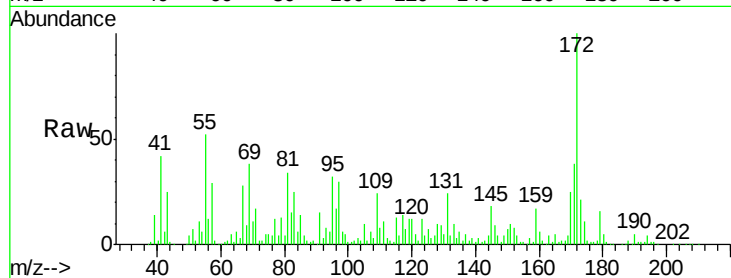




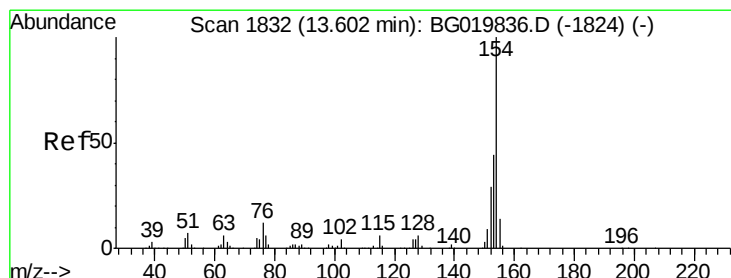
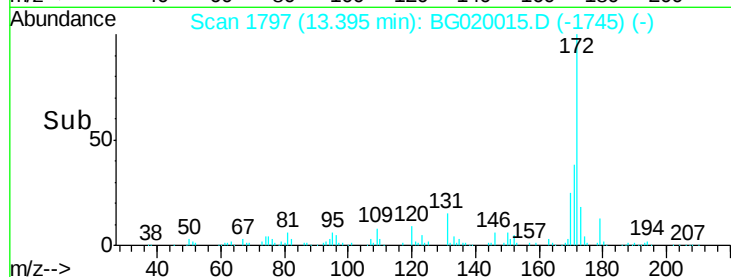
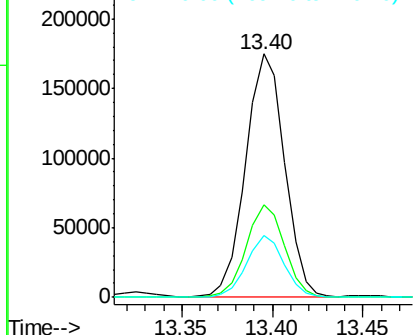
#44
2-Fluorobiphenyl
Concen: 48.39 ng
RT: 13.40 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Instrument :
BNA_G
ClientSampleId :
UST-2

Tgt Ion:172 Resp: 260048
Ion Ratio Lower Upper
172 100
171 37.8 29.0 43.6
170 25.3 19.9 29.9

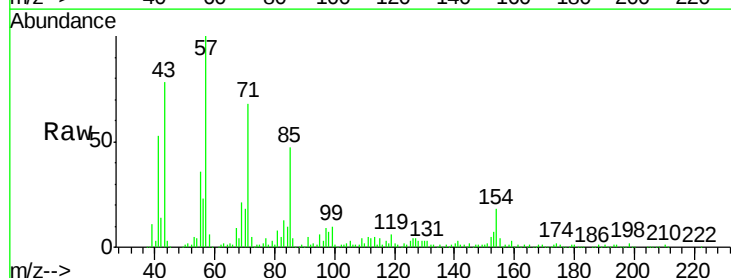


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

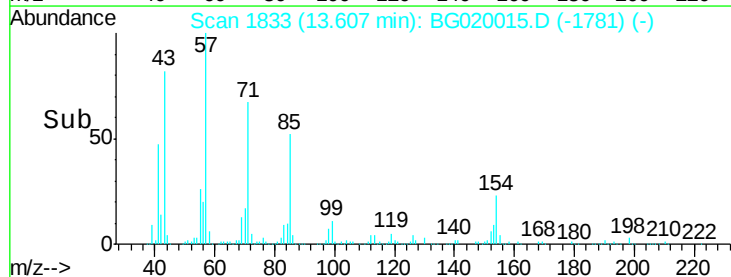
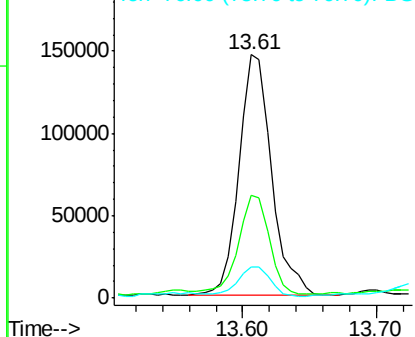


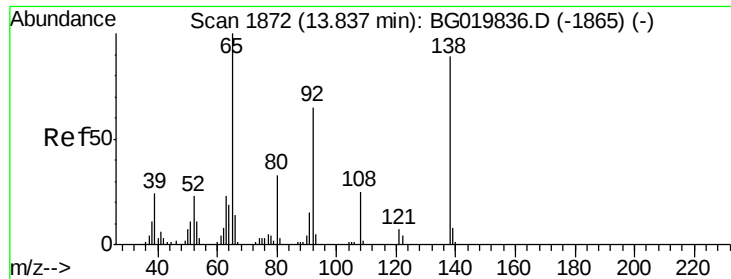
#45
1,1'-Biphenyl
Concen: 40.54 ng
RT: 13.61 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion:154 Resp: 244137
Ion Ratio Lower Upper
154 100
153 42.1 21.9 61.9
76 12.6 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): BG0

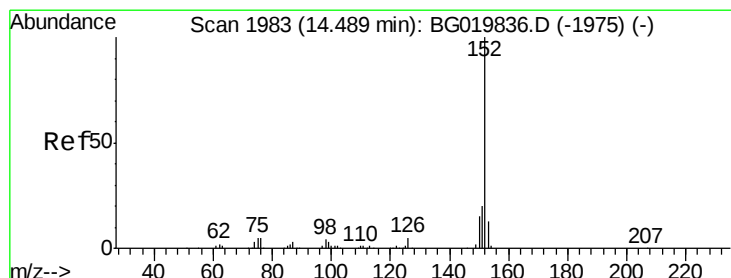
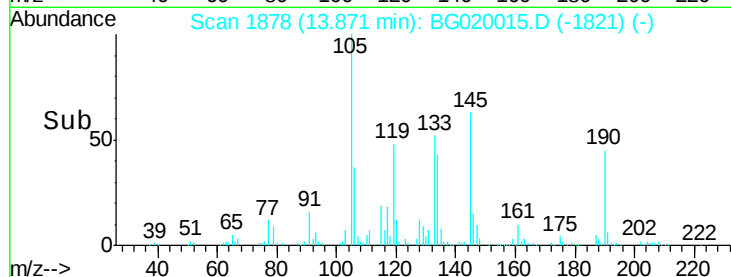
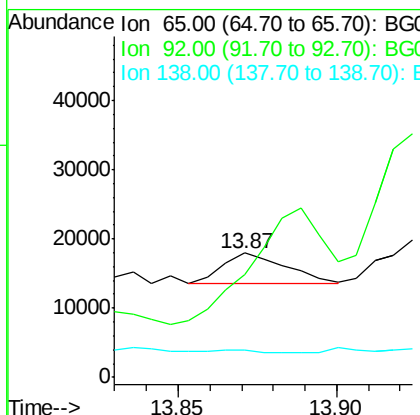
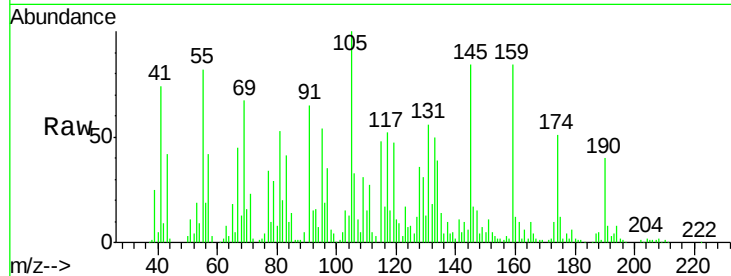




#47
2-Nitroaniline
Concen: 4.07 ng
RT: 13.87 min Scan# 1878
Delta R.T. 0.03 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

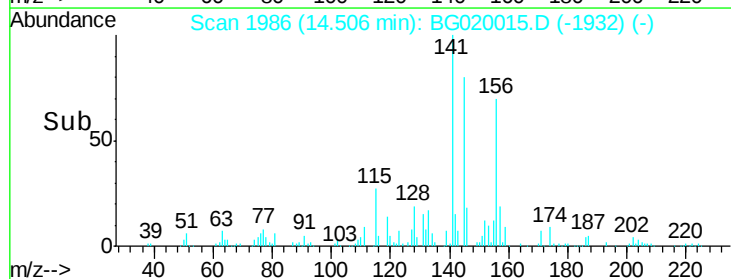
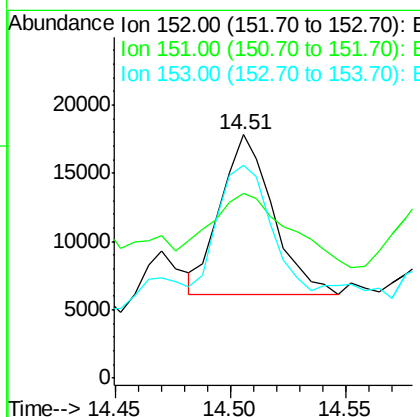
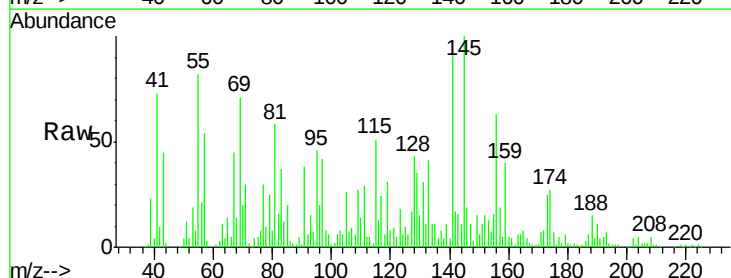
Instrument :
BNA_G
ClientSampled :
UST-2

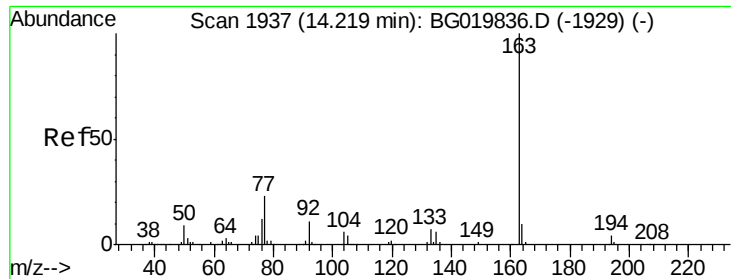
Tgt Ion: 65 Resp: 5962
Ion Ratio Lower Upper
65 100
92 83.0 54.8 82.2#
138 21.6 89.6 134.4#



#48
Acenaphthylene
Concen: 2.32 ng
RT: 14.51 min Scan# 1986
Delta R.T. 0.02 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion: 152 Resp: 18321
Ion Ratio Lower Upper
152 100
151 76.1 17.0 25.4#
153 87.4 10.4 15.6#





#49

Dimethylphthalate

Concen: 10.52 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

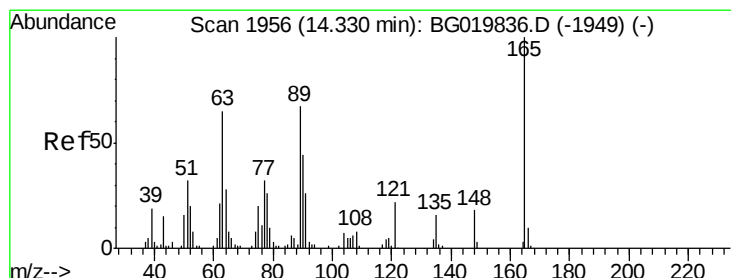
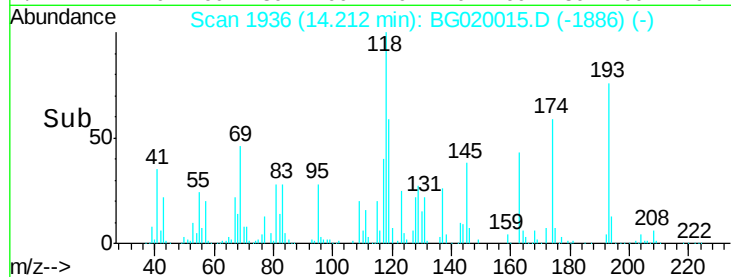
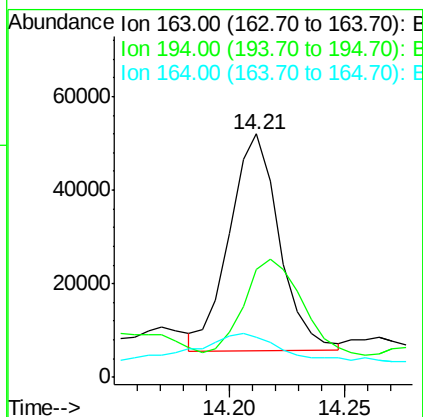
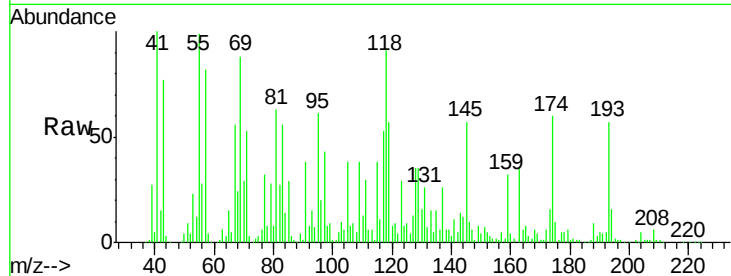
Tgt Ion:163 Resp: 69444

Ion Ratio Lower Upper

163 100

194 44.1 3.1 4.7#

164 16.5 8.8 13.2#



#50

2,6-Dinitrotoluene

Concen: 6.68 ng

RT: 14.33 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

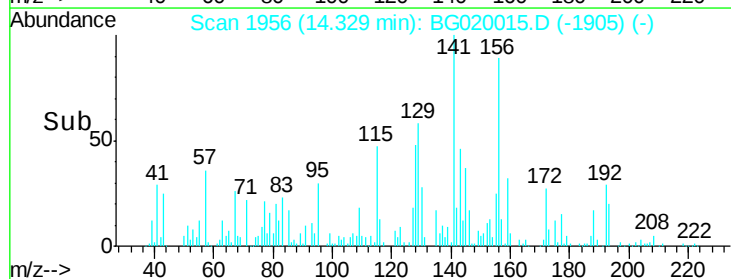
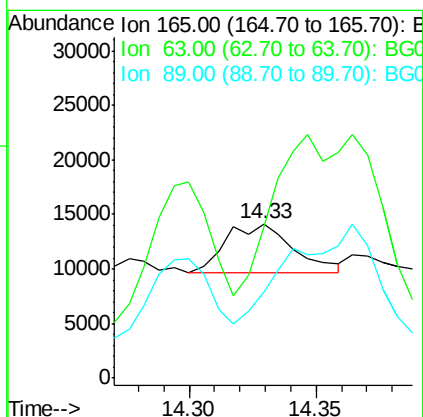
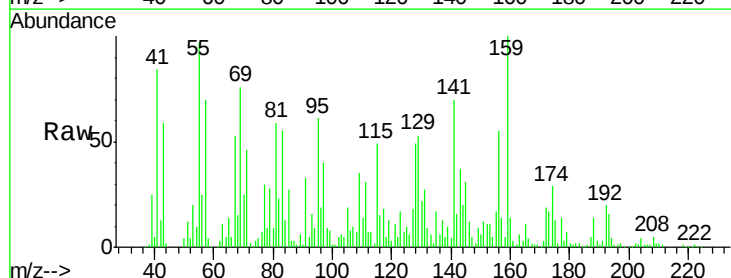
Tgt Ion:165 Resp: 8285

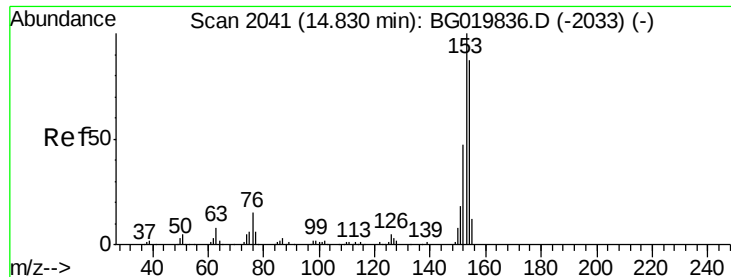
Ion Ratio Lower Upper

165 100

63 98.4 35.7 53.5#

89 55.4 39.7 59.5





#51

Acenaphthene

Concen: 9.52 ng

RT: 14.84 min Scan# 2043

Delta R.T. 0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

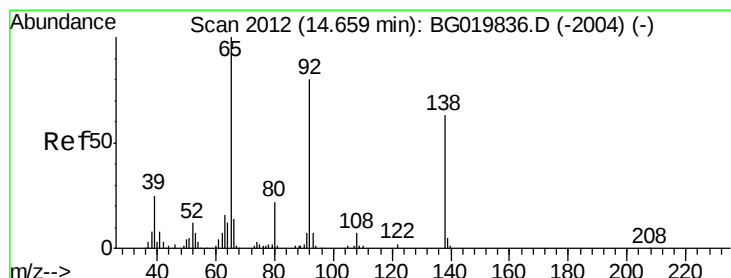
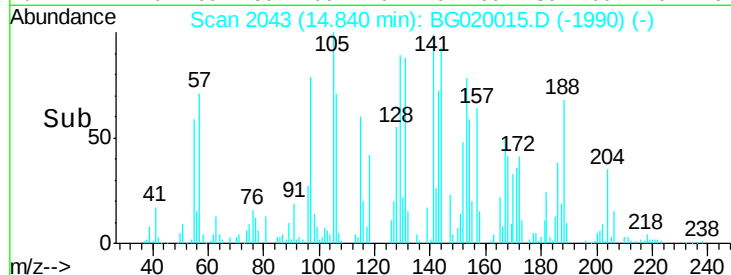
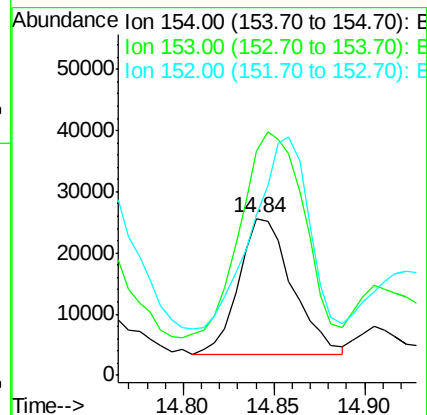
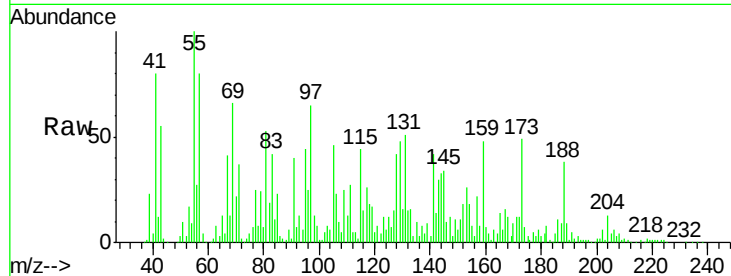
Tgt Ion:154 Resp: 45656

Ion Ratio Lower Upper

154 100

153 142.6 92.9 139.3#

152 102.4 45.8 68.8#



#52

3-Nitroaniline

Concen: 6.25 ng

RT: 14.69 min Scan# 2017

Delta R.T. 0.03 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

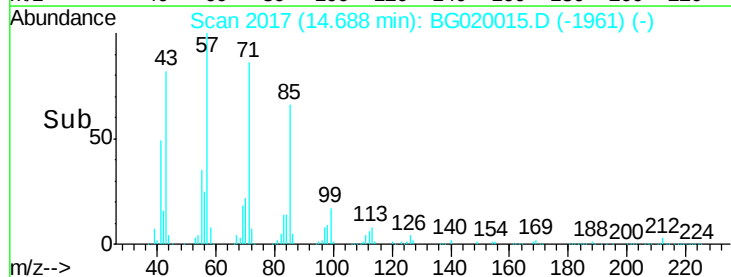
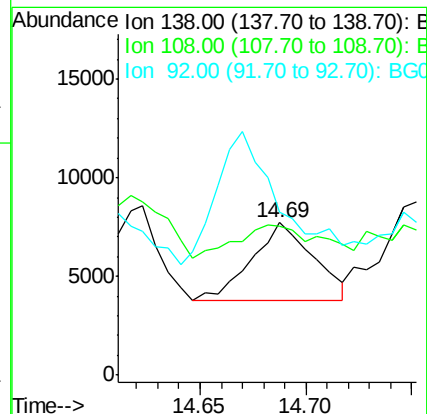
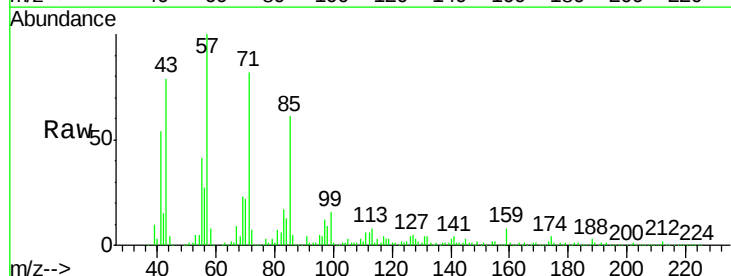
Tgt Ion:138 Resp: 8060

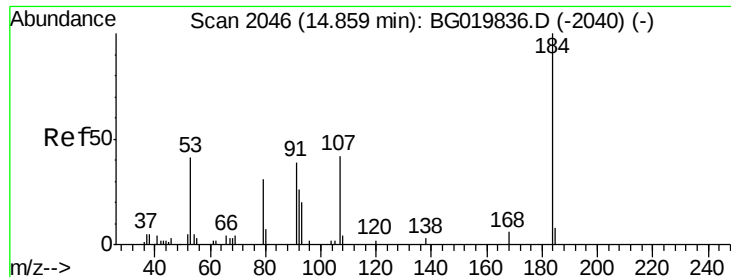
Ion Ratio Lower Upper

138 100

108 98.1 7.9 11.9#

92 107.1 94.2 141.4





#53

2,4-Dinitrophenol

Concen: 10.94 ng

RT: 14.87 min Scan# 2048

Delta R.T. 0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

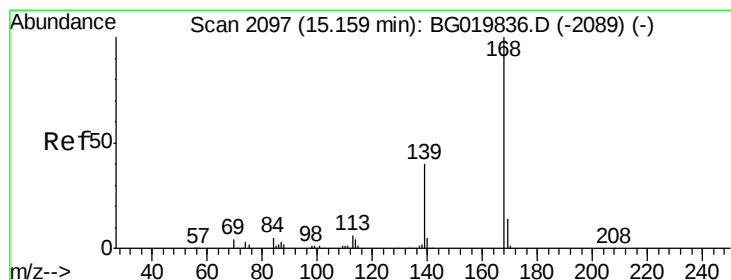
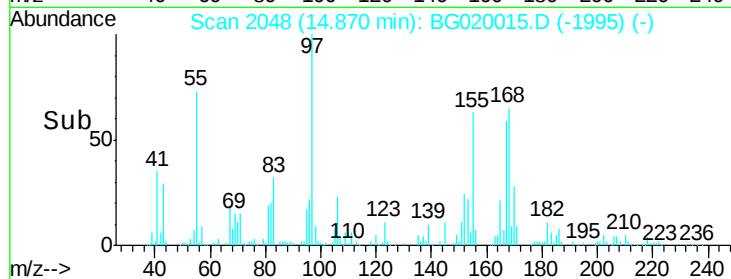
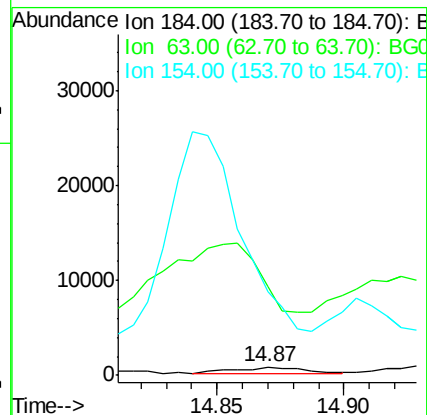
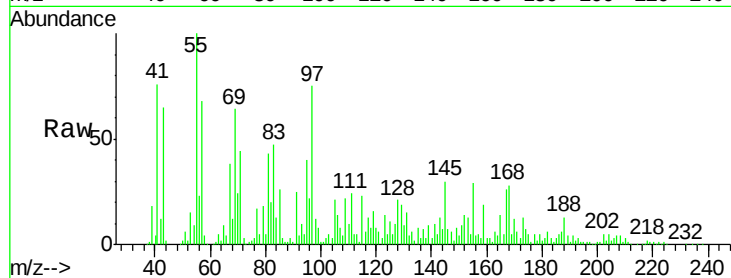
Tgt Ion:184 Resp: 1251

Ion Ratio Lower Upper

184 100

63 1013.7 42.7 64.1#

154 965.5 44.3 66.5#



#54

Dibenzofuran

Concen: 8.04 ng

RT: 15.17 min Scan# 2099

Delta R.T. 0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

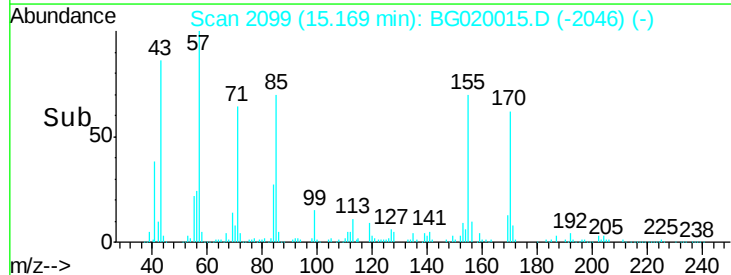
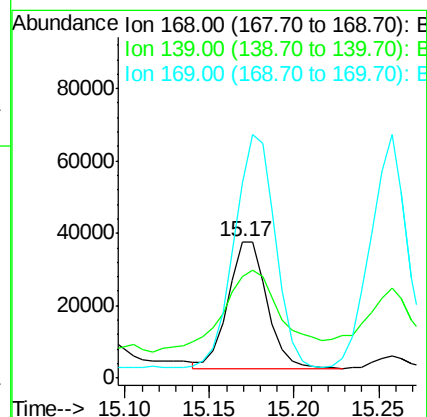
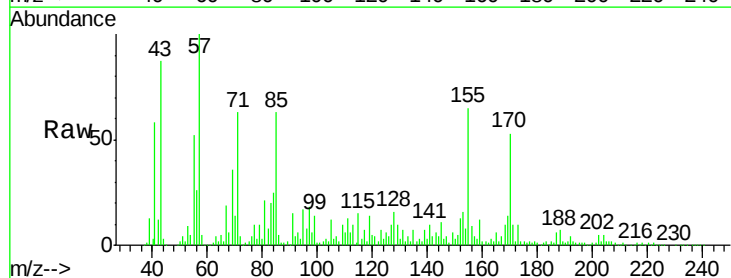
Tgt Ion:168 Resp: 57351

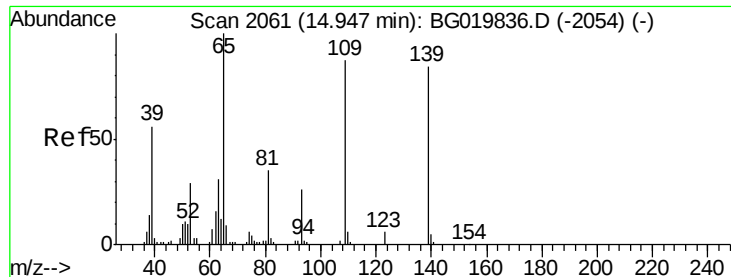
Ion Ratio Lower Upper

168 100

139 74.4 27.4 41.0#

169 143.4 11.0 16.4#

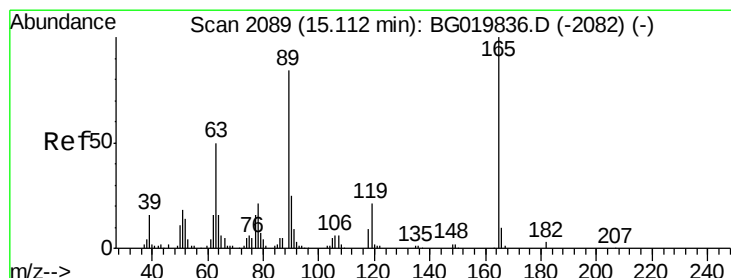
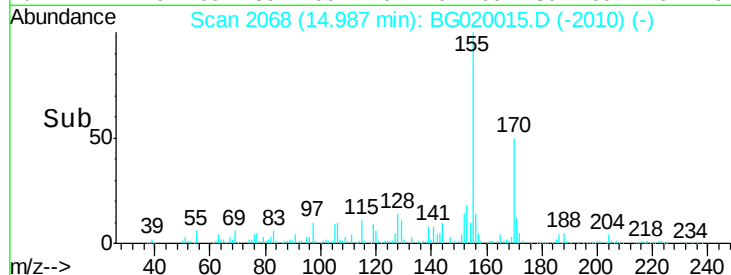
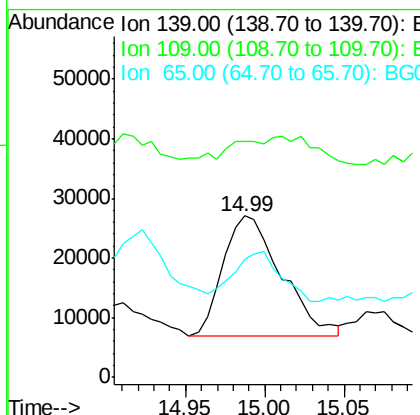
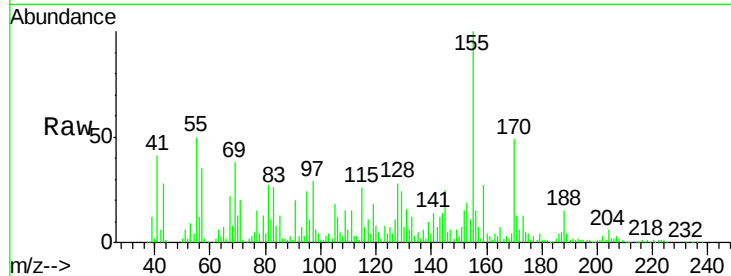




#55
4-Nitrophenol
Concen: 45.66 ng
RT: 14.99 min Scan# 2068
Delta R.T. 0.04 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

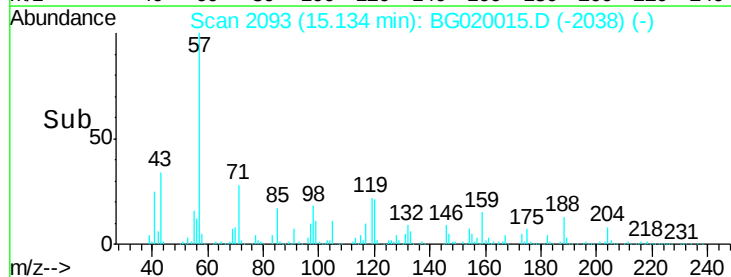
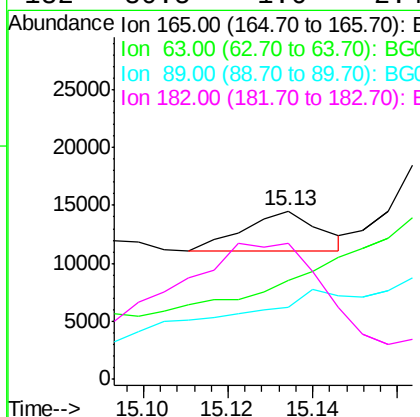
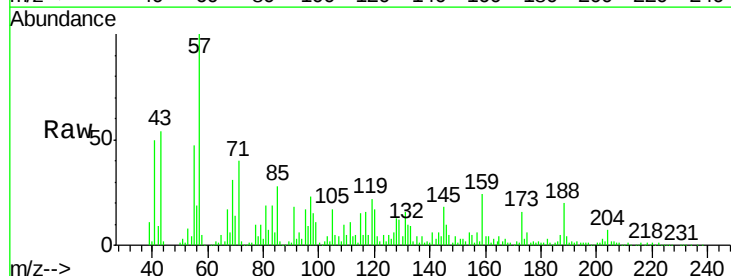
Instrument :
BNA_G
ClientSampleId :
UST-2

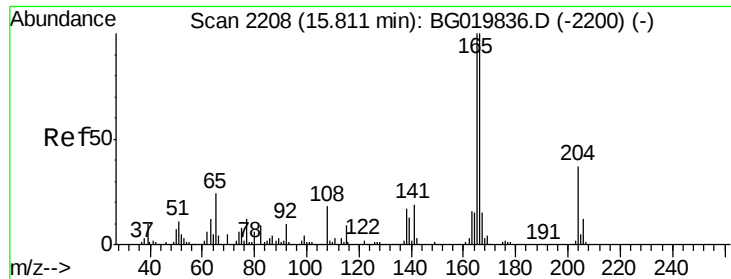
Tgt Ion:139 Resp: 51264
Ion Ratio Lower Upper
139 100
109 146.3 43.2 83.2#
65 73.0 67.8 107.8



#56
2,4-Dinitrotoluene
Concen: 2.49 ng
RT: 15.13 min Scan# 2093
Delta R.T. 0.02 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion:165 Resp: 4307
Ion Ratio Lower Upper
165 100
63 58.4 31.0 46.4#
89 42.4 54.4 81.6#
182 80.5 1.6 2.4#





#57

Fluorene

Concen: 23.25 ng

RT: 15.82 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

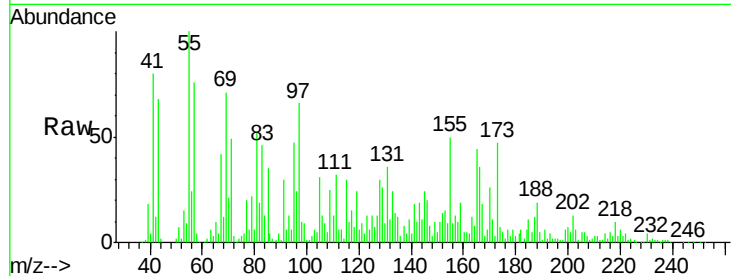
Tgt Ion:166 Resp: 148515

Ion Ratio Lower Upper

166 100

165 122.4 80.0 120.0#

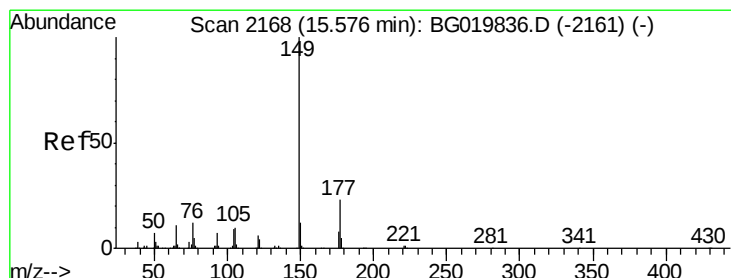
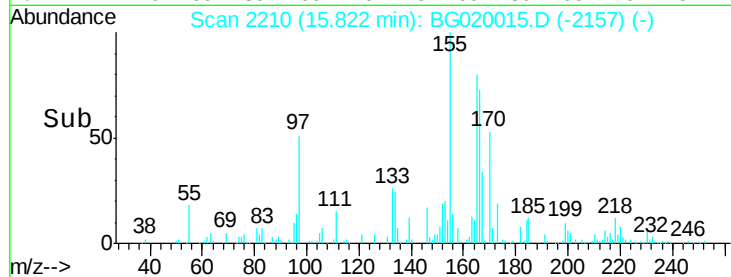
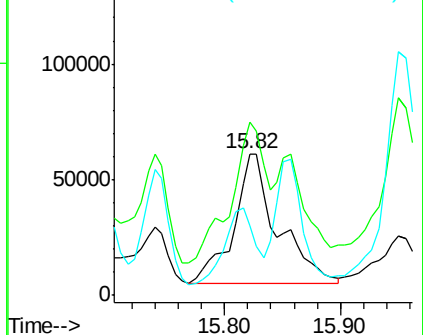
167 49.3 11.1 16.7#



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



#59

Diethylphthalate

Concen: 4.24 ng

RT: 15.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

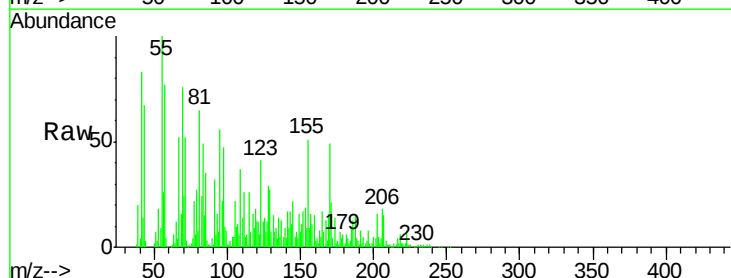
Tgt Ion:149 Resp: 30298

Ion Ratio Lower Upper

149 100

177 39.9 19.6 29.4#

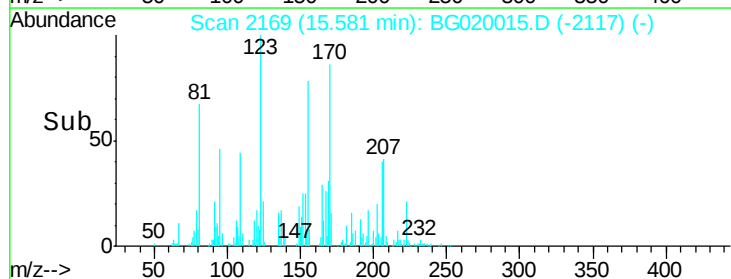
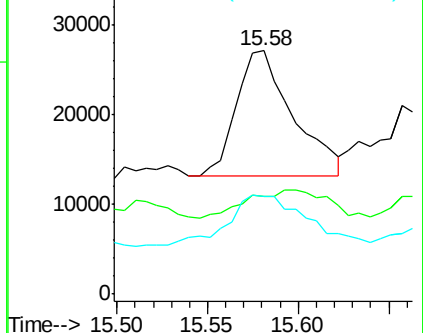
150 40.2 10.2 15.2#

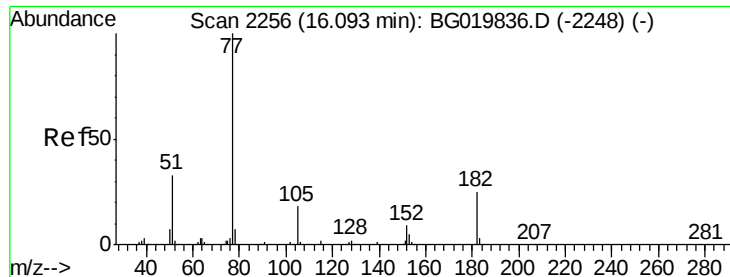


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#62

Azobenzene

Concen: 2.63 ng

RT: 16.10 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

Tgt Ion: 77 Resp: 15623

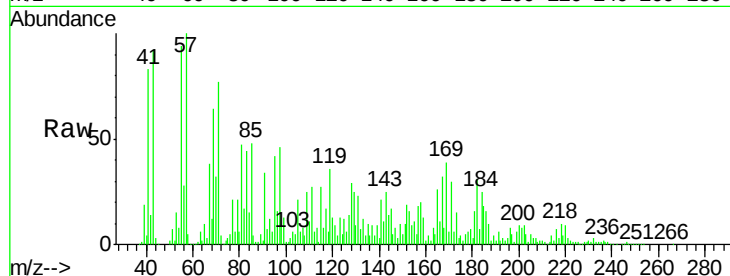
Ion Ratio Lower Upper

77 100

182 148.5 7.0 47.0#

105 102.6 1.4 41.4#

51 31.6 4.9 44.9

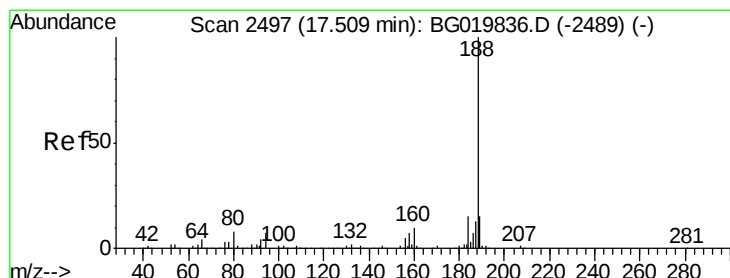
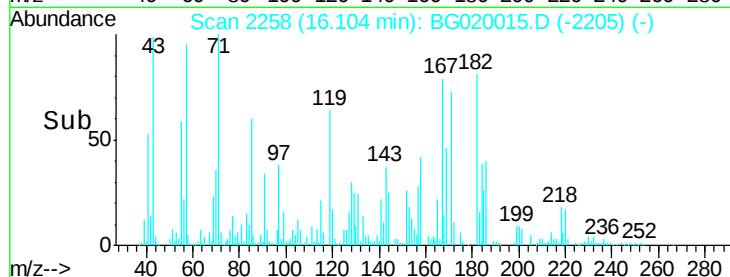
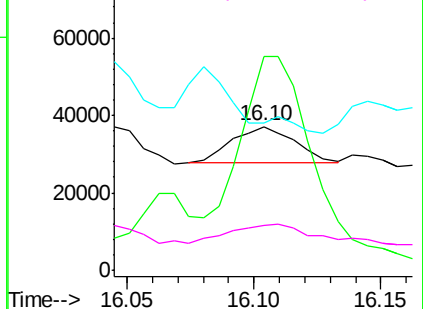


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2499

Delta R.T. 0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

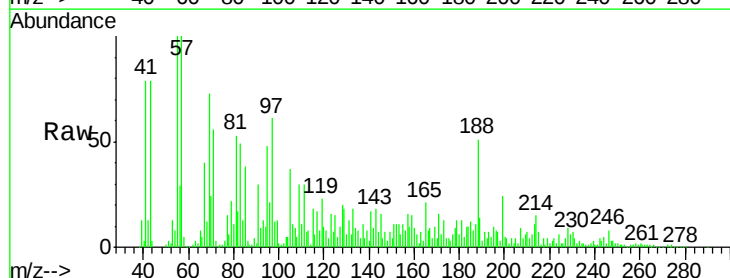
Tgt Ion: 188 Resp: 115560

Ion Ratio Lower Upper

188 100

94 19.0 7.7 11.5#

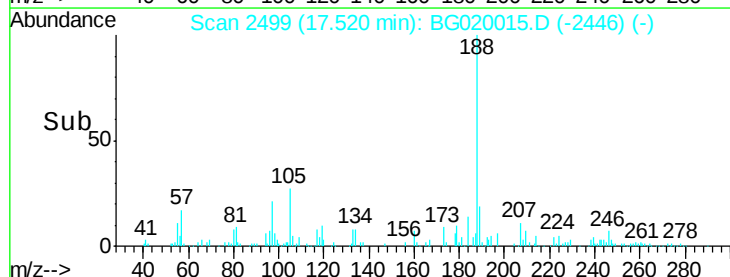
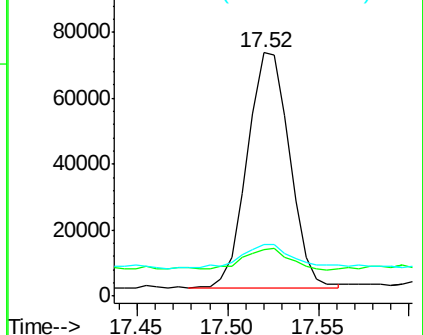
80 21.1 7.8 11.8#

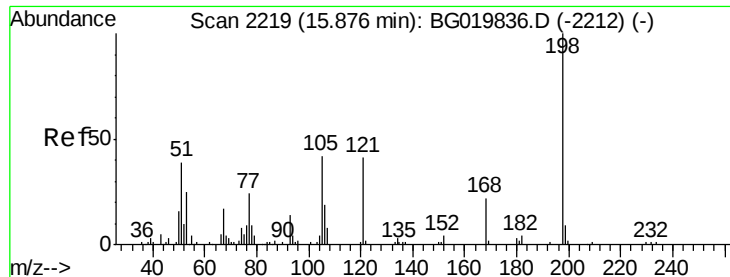


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

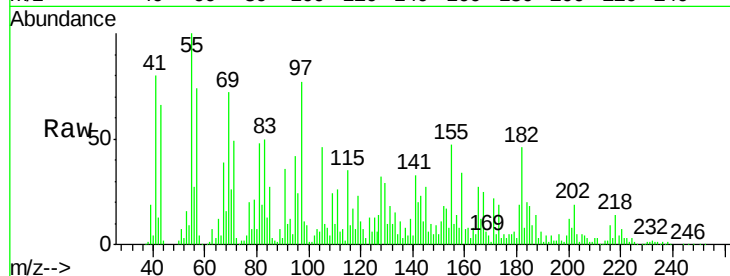




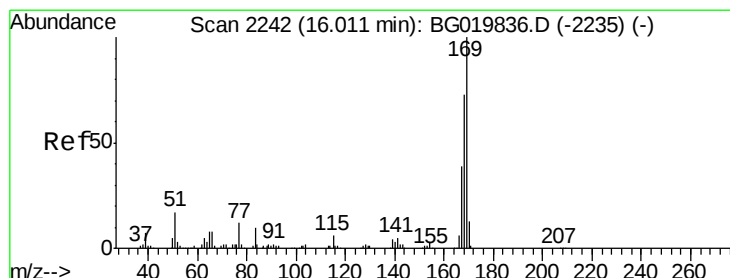
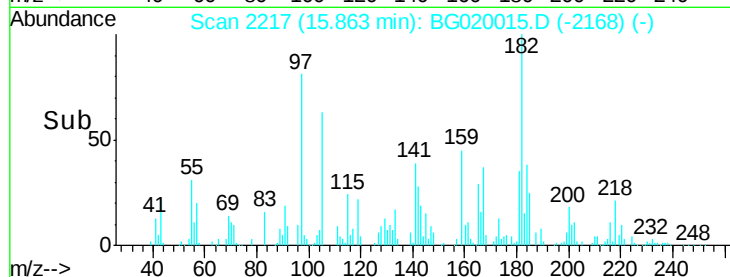
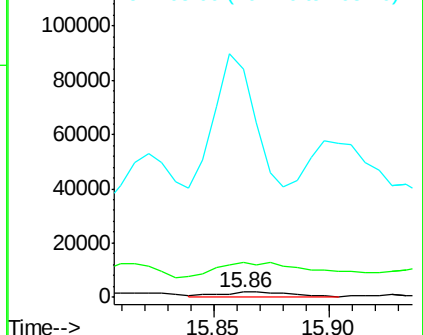
#64
4,6-Dinitro-2-methylphenol
Concen: 9.91 ng
RT: 15.86 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Instrument :
BNA_G
ClientSampled :
UST-2

Tgt Ion:198 Resp: 2833
Ion Ratio Lower Upper
198 100
51 657.2 14.2 54.2#
105 4343.3 21.1 61.1#

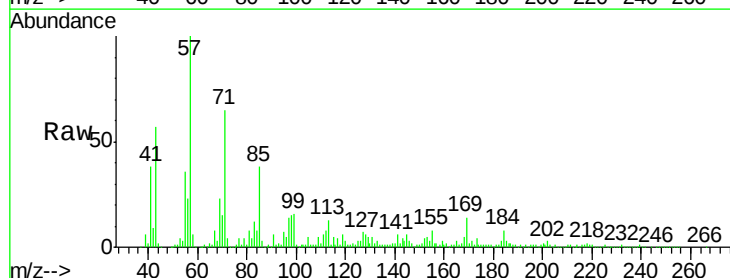


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

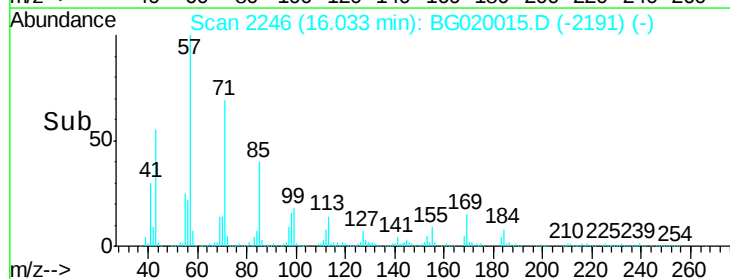
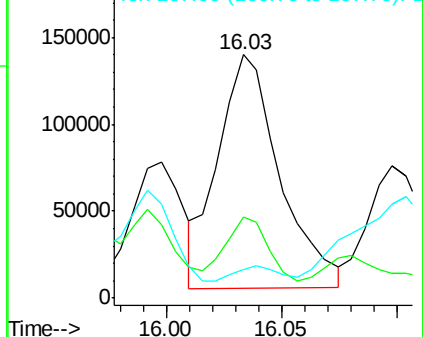


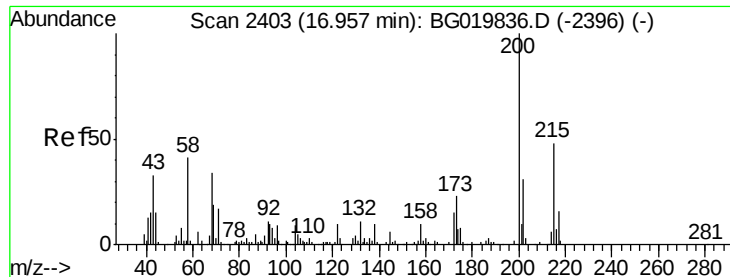
#65
n-Nitrosodiphenylamine
Concen: 74.58 ng
RT: 16.03 min Scan# 2246
Delta R.T. 0.02 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Tgt Ion:169 Resp: 249390
Ion Ratio Lower Upper
169 100
168 33.2 58.2 87.2#
167 11.9 32.7 49.1#



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

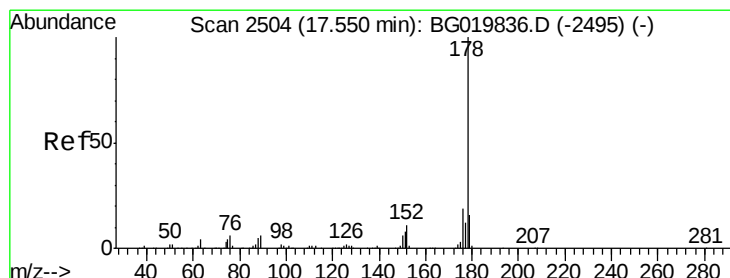
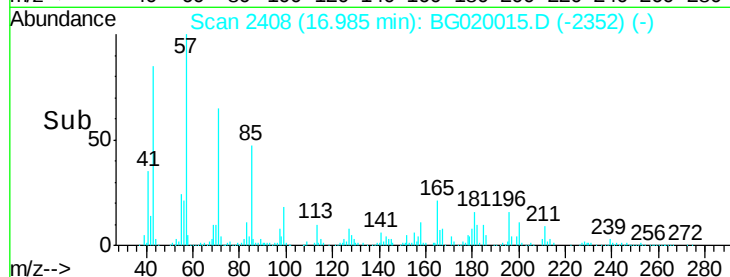
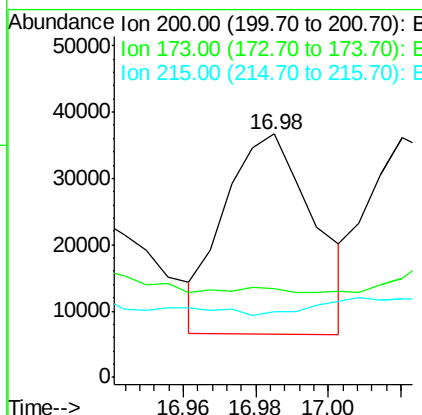
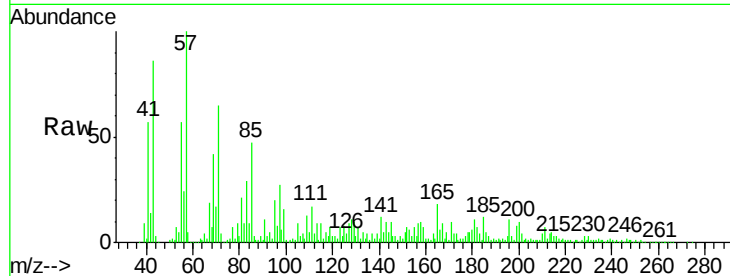




#68
 Atrazine
 Concen: 35.41 ng
 RT: 16.98 min Scan# 2408
 Delta R.T. 0.03 min
 Lab File: BG020015.D
 Acq: 8 Dec 2015 13:08

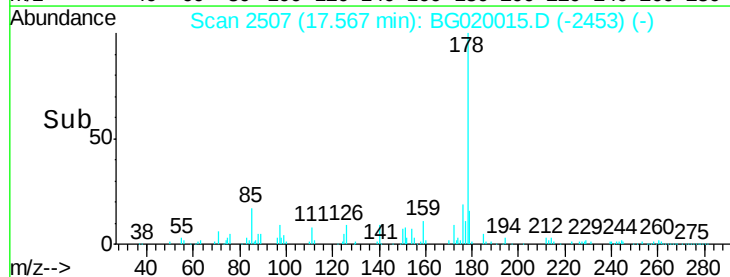
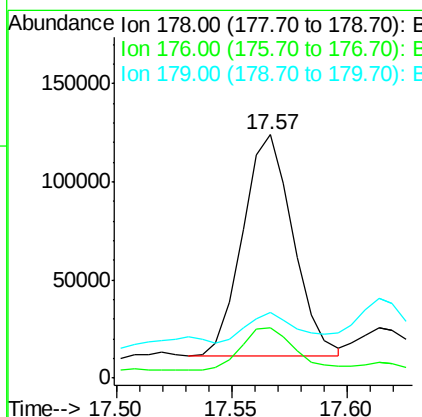
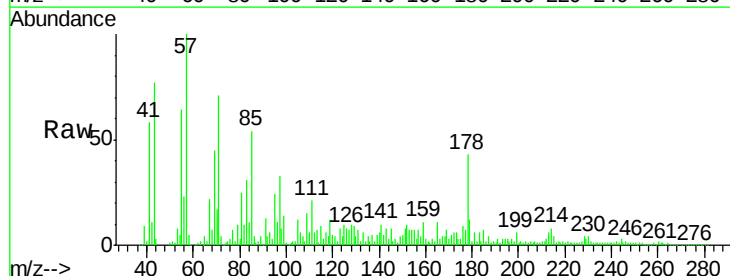
Instrument :
 BNA_G
 ClientSampled :
 UST-2

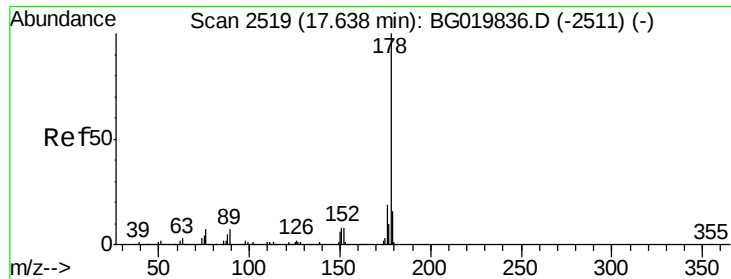
Tgt Ion:200 Resp: 51446
 Ion Ratio Lower Upper
 200 100
 173 36.7 5.2 45.2
 215 27.1 27.0 67.0



#70
 Phenanthrene
 Concen: 26.38 ng
 RT: 17.57 min Scan# 2507
 Delta R.T. 0.02 min
 Lab File: BG020015.D
 Acq: 8 Dec 2015 13:08

Tgt Ion:178 Resp: 172456
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.7 25.1
 179 26.9 13.9 20.9#





#71

Anthracene

Concen: 2.95 ng

RT: 17.68 min Scan# 2526

Delta R.T. 0.04 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampled :

UST-2

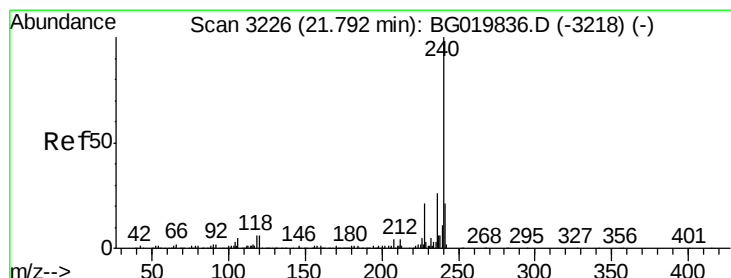
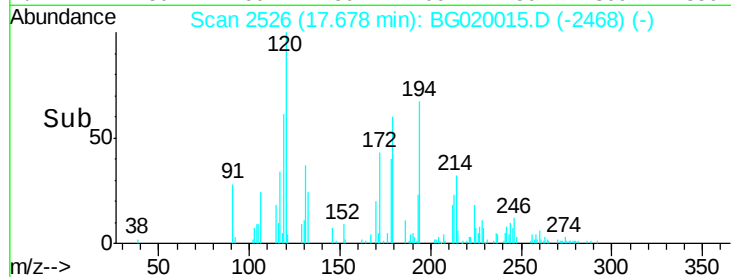
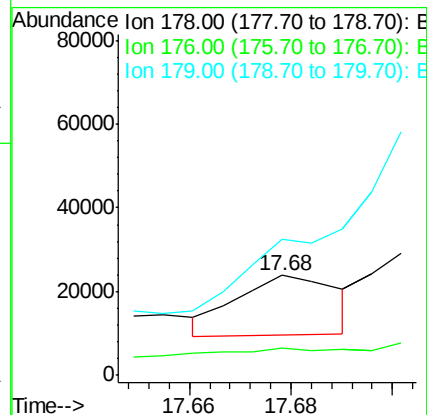
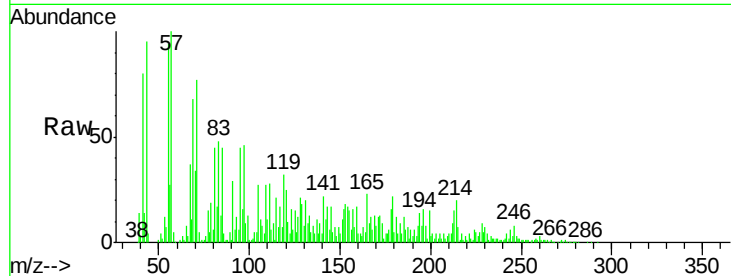
Tgt Ion:178 Resp: 19623

Ion Ratio Lower Upper

178 100

176 27.7 16.8 25.2#

179 136.1 13.9 20.9#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

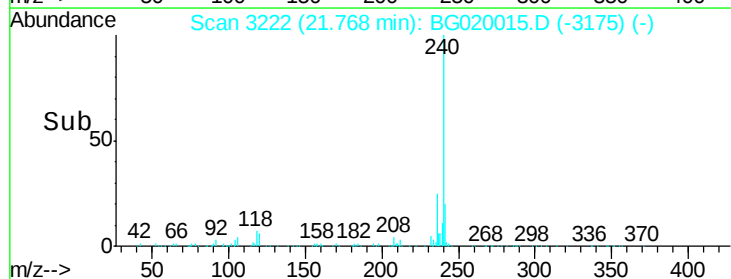
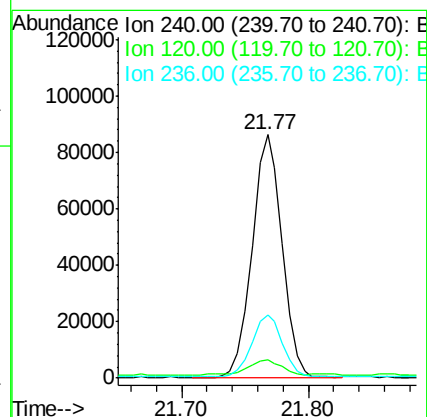
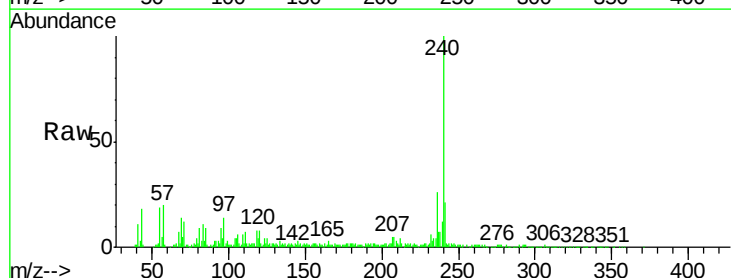
Tgt Ion:240 Resp: 140749

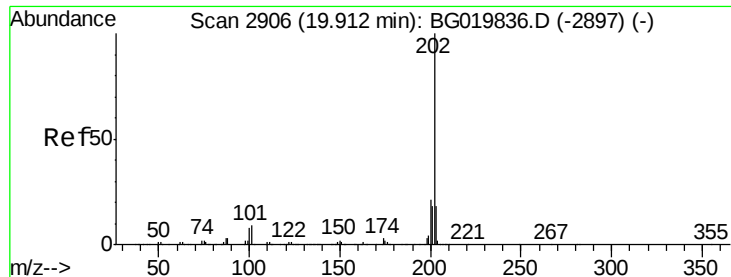
Ion Ratio Lower Upper

240 100

120 7.8 7.4 11.0

236 25.8 20.7 31.1





#77

Pyrene

Concen: 16.06 ng

RT: 19.92 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

Instrument :

BNA_G

ClientSampleId :

UST-2

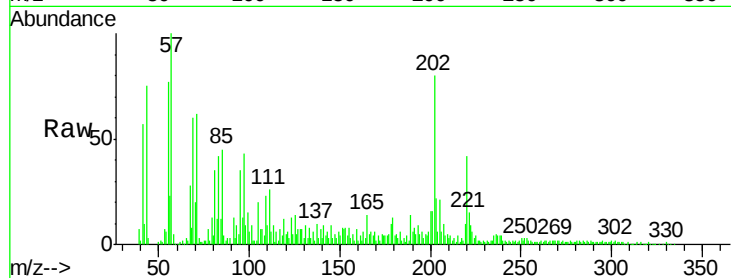
Tgt Ion:202 Resp: 133023

Ion Ratio Lower Upper

202 100

200 20.5 19.4 29.0

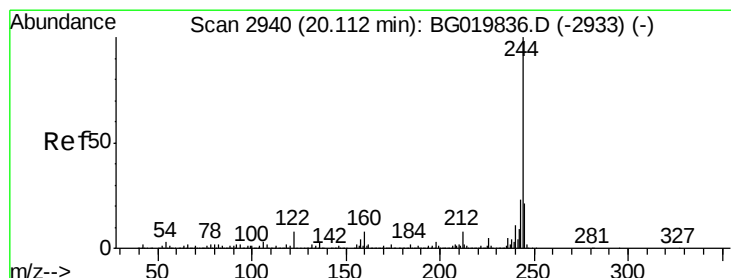
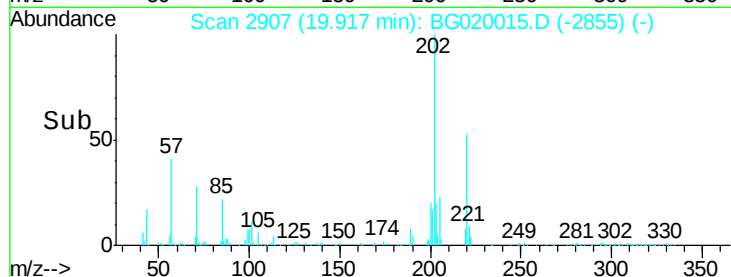
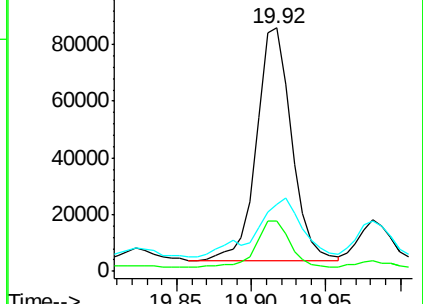
203 27.6 15.5 23.3#



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



#78

Terphenyl-d14

Concen: 62.87 ng

RT: 20.10 min Scan# 2939

Delta R.T. -0.01 min

Lab File: BG020015.D

Acq: 8 Dec 2015 13:08

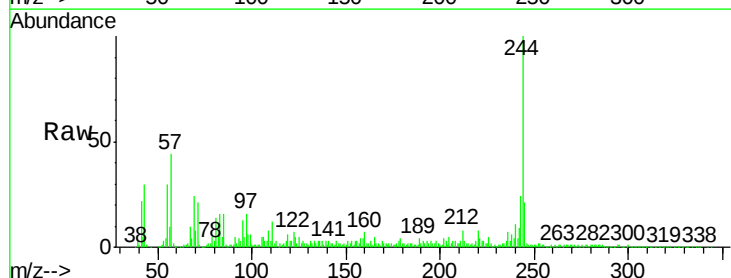
Tgt Ion:244 Resp: 362790

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

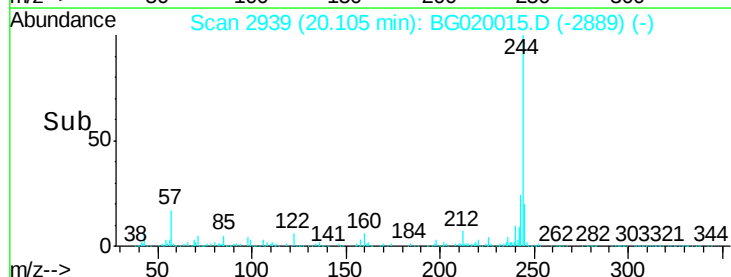
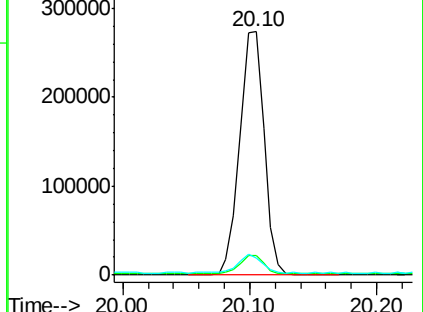
122 7.2 10.2 15.2#

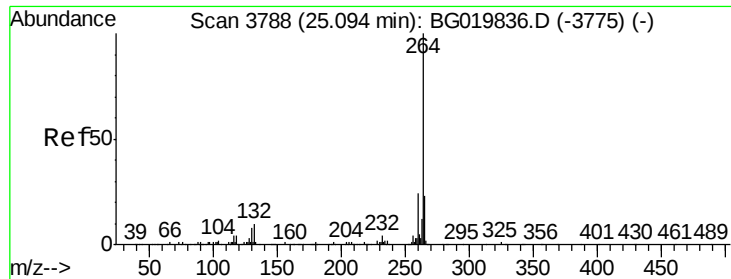


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG020015.D
Acq: 8 Dec 2015 13:08

Instrument :
BNA_G
ClientSampleId :
UST-2

Tgt Ion:	264	Resp:	147851
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.2	17.2	25.8

