

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102115\
 Data File : BG019305.D
 Acq On : 22 Oct 2015 6:50
 Operator : UM/NP
 Sample : G3996-18RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

Quant Time: Oct 22 10:16:50 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG101515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 21 01:23:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31215	20.00	ng/ul	0.02
18) Naphthalene-d8	10.85	136	149957	20.00	ng/ul	0.05
36) Acenaphthene-d10	14.67	164	81326	20.00	ng/ul	0.05
62) Phenanthrene-d10	17.52	188	118313	20.00	ng/ul	0.15
78) Chrysene-d12	21.70	240	203322	20.00	ng/ul	0.06
86) Perylene-d12	24.95	264	203020	20.00	ng/ul	0.12

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	7227	12.89	ng/uL	-0.01
5) Phenol-d5	7.16	99	54	0.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	22184	12.65	ng/ul	0.02
9) 2-Chlorophenol-d4	7.56	132	27438	13.82	ng/ul	0.04
13) 4-Methylphenol-d8	8.72	113	185	0.08	ng/ul	0.01
19) Nitrobenzene-d5	9.21	128	19653	17.01	ng/ul	0.05
22) 2-Nitrophenol-d4	9.92	143	16847	13.74	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.53	165	30884	12.72	ng/ul	0.11
29) 4-Chloroaniline-d4	10.87	131	20155	6.44	ng/ul	-0.06
44) Dimethylphthalate-d6	14.07	166	13046	1.83	ng/ul	0.04
47) Acenaphthylene-d8	14.37	160	112272	14.60	ng/ul	0.05
52) 4-Nitrophenol-d4	14.90	143	4137	3.24	ng/ul	0.05
58) Fluorene-d10	15.67	176	149041	24.52	ng/ul	0.05
63) 4,6-Dinitro-2-methylphenol	15.88	200	883	1.21	ng/ul	0.14
71) Anthracene-d10	17.52	188	118313	21.17	ng/ul	0.05
79) Pyrene-d10	19.80	212	133713	14.50	ng/ul	0.05
90) Benzo(a)pyrene-d12	24.72	264	144482	14.09	ng/ul	0.11

Target Compounds

						Qvalue
4) Benzaldehyde	7.14	77	17785	11.23	ng/ul#	1
6) Phenol	7.27	94	1038939	366.23	ng/ul#	74
11) 2-Methylphenol	8.54	108	1696283	761.79	ng/ul	97
14) Acetophenone	8.81	105	102862	26.40	ng/ul#	50
15) N-Nitroso-di-n-propylamine	8.78	70	2865	1.44	ng/ul#	10
16) 4-Methylphenol	8.94	108	3351966	1341.76	ng/ul	97
17) Hexachloroethane	9.12	117	46862	53.39	ng/ul#	1
20) Nitrobenzene	9.26	77	23049	7.28	ng/ul#	41
23) 2-Nitrophenol	9.98	139	6888	5.29	ng/ul#	1
24) 2,4-Dimethylphenol	10.11	107	2487220	787.97	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.25	93	6922	2.17	ng/ul#	1
27) 2,4-Dichlorophenol	10.49	162	74345	30.32	ng/ul#	29
28) Naphthalene	10.91	128	2259150	288.22	ng/ul#	92
30) 4-Chloroaniline	10.99	127	6804	2.11	ng/ul#	1
32) Caprolactam	11.77	113	1725	1.90	ng/ul#	1
33) 4-Chloro-3-methylphenol	12.14	107	81932	26.52	ng/ul#	22
34) 2-Methylnaphthalene	12.52	142	1205231	193.97	ng/ul	99
35) 1-Methylnaphthalene	12.73	142	746015	122.60	ng/ul#	99
41) 1,1'-Biphenyl	13.51	154	364957	57.48	ng/ul	93
42) 2-Chloronaphthalene	13.50	162	31847	6.49	ng/ul	97
43) 2-Nitroaniline	13.74	65	34375	17.90	ng/ul#	46
48) Acenaphthylene	14.40	152	130352	15.37	ng/ul#	79
49) 3-Nitroaniline	14.58	138	1932	1.48	ng/ul#	1

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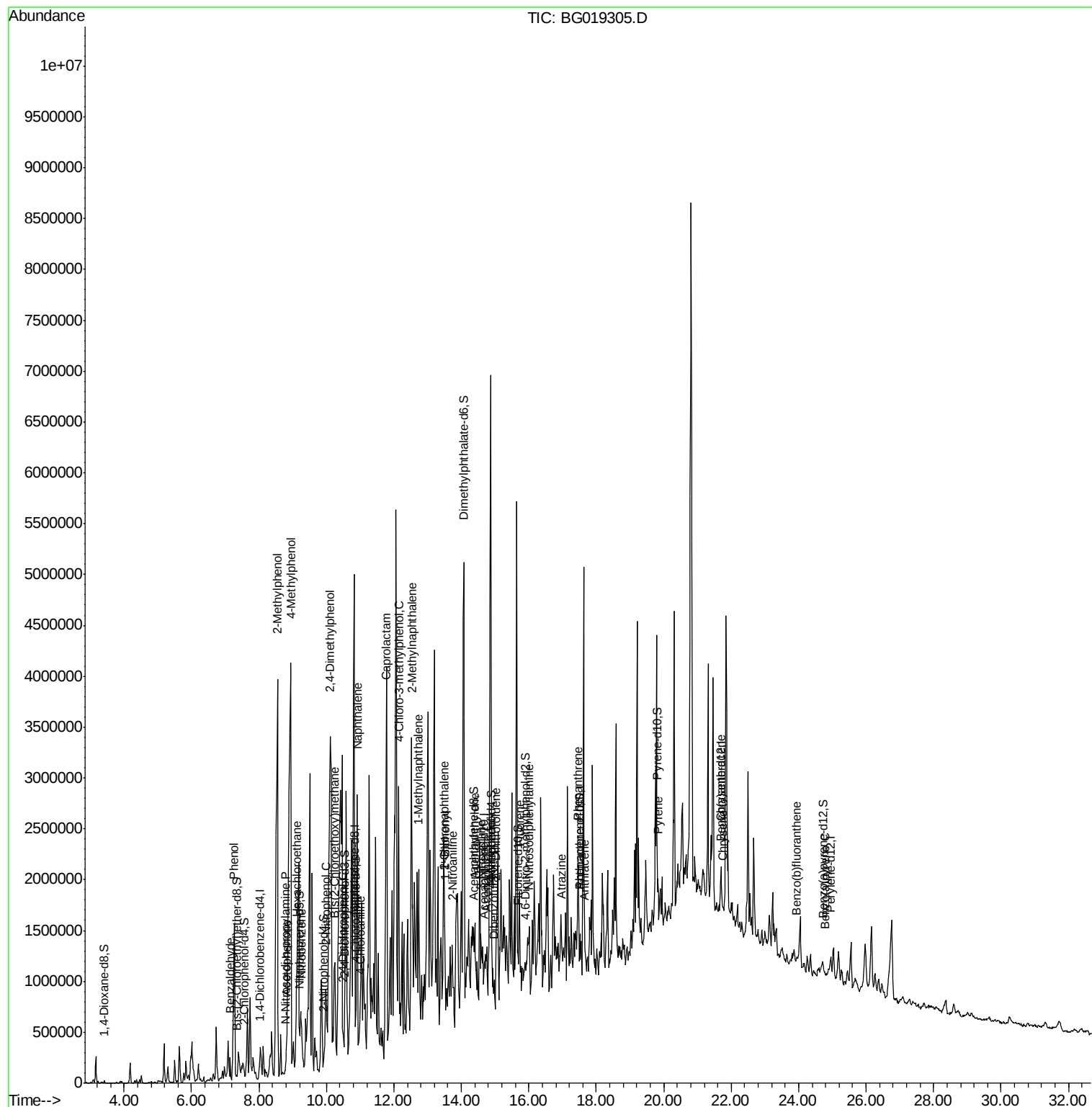
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthene	14.74	153	109829	19.34	ng/ul	94
53) 4-Nitrophenol	14.89	109	1792	1.28	ng/ul#	23
54) Dibenzofuran	14.98	168	16542	2.06	ng/ul	91
55) 2,4-Dinitrotoluene	15.03	165	13388	6.04	ng/ul#	1
59) Fluorene	15.73	166	358079	52.14	ng/ul#	94
65) N-Nitrosodiphenylamine	16.02	169	14853	4.57	ng/ul#	53
68) Atrazine	16.97	200	3637	2.33	ng/ul#	1
70) Phenanthrene	17.47	178	644452	97.55	ng/ul	93
72) Anthracene	17.66	178	14781	2.20	ng/ul#	1
80) Pyrene	19.84	202	215806	17.88	ng/ul#	89
83) Benzo(a)anthracene	21.67	228	55037	4.79	ng/ul#	71
85) Chrysene	21.74	228	66737	6.14	ng/ul#	74
88) Benzo(b)fluoranthene	23.92	252	32981	2.86	ng/ul#	11
91) Benzo(a)pyrene	24.79	252	23159	2.09	ng/ul#	12

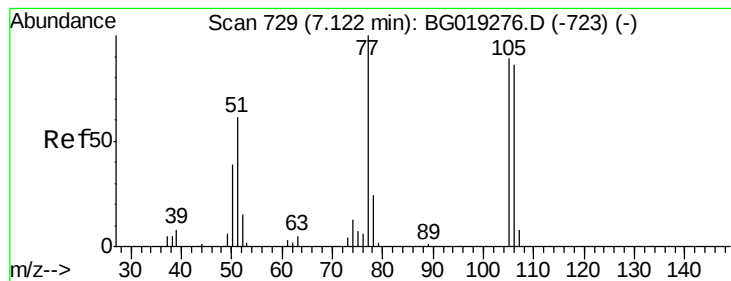
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#4

Benzaldehyde

Concen: 11.23 ng/ul

RT: 7.14 min Scan# 733

Delta R.T. 0.01 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

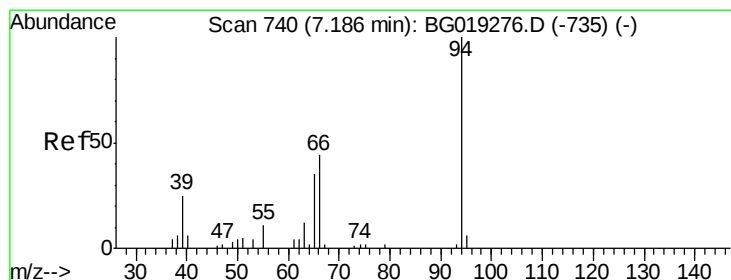
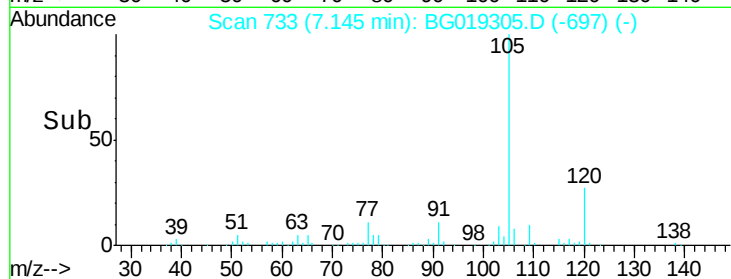
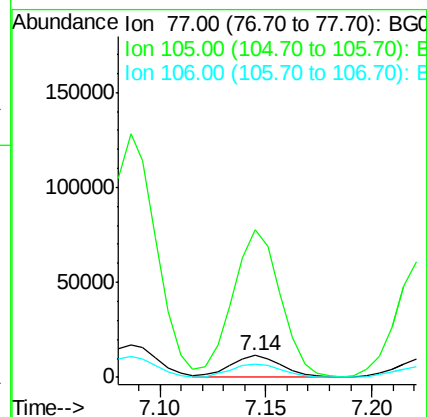
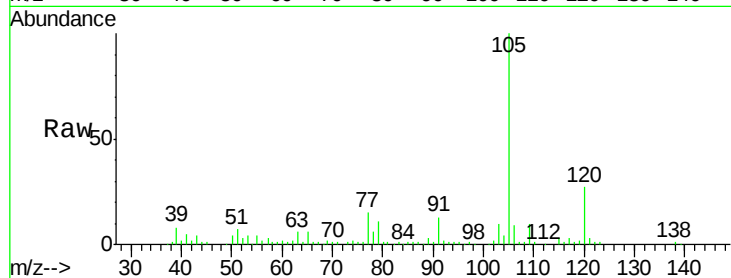
Tgt Ion: 77 Resp: 17785

Ion Ratio Lower Upper

77 100

105 680.7 75.6 113.4#

106 58.8 75.8 113.6#



#6

Phenol

Concen: 366.23 ng/ul

RT: 7.27 min Scan# 754

Delta R.T. 0.07 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

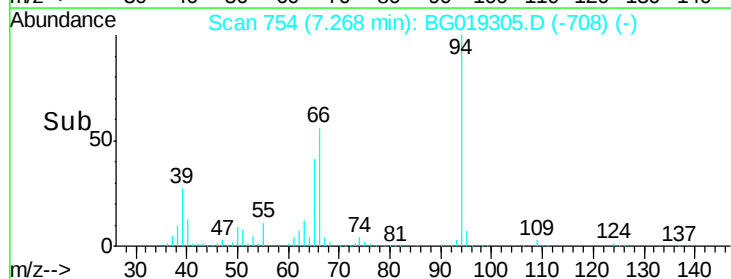
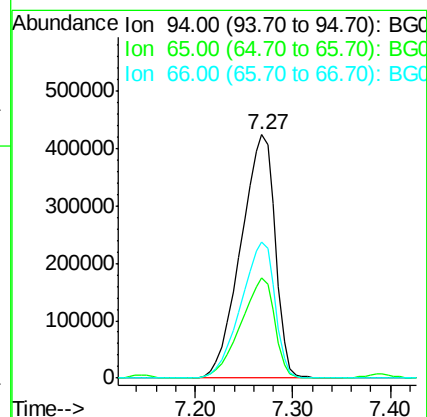
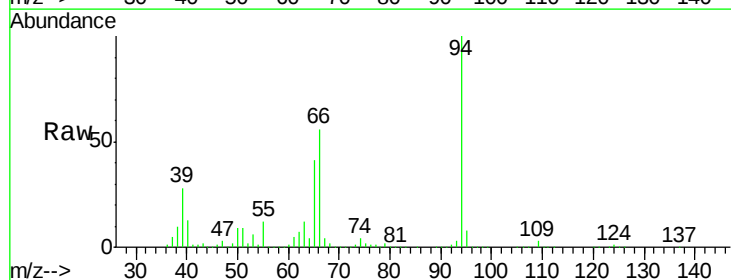
Tgt Ion: 94 Resp: 1038939

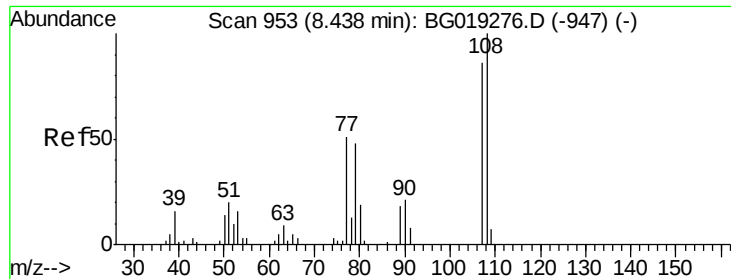
Ion Ratio Lower Upper

94 100

65 41.4 24.9 37.3#

66 55.9 29.1 43.7#

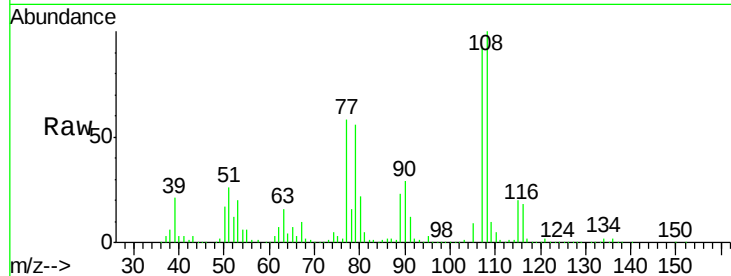




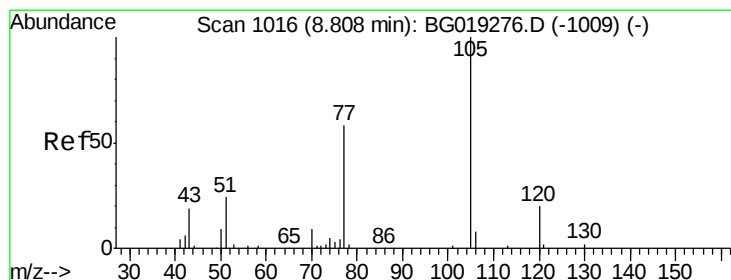
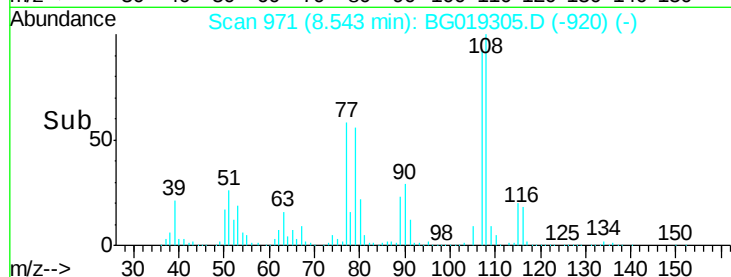
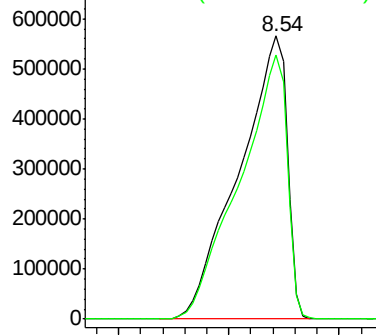
#11
2-Methylphenol
Concen: 761.79 ng/ul
RT: 8.54 min Scan# 971
Delta R.T. 0.10 min
Lab File: BG019305.D
Acq: 22 Oct 2015 6:50

Instrument :
BNA_G
ClientSampleId :
E5LK7RX

Tgt Ion:108 Resp: 1696283
Ion Ratio Lower Upper
108 100
107 93.1 76.7 115.1

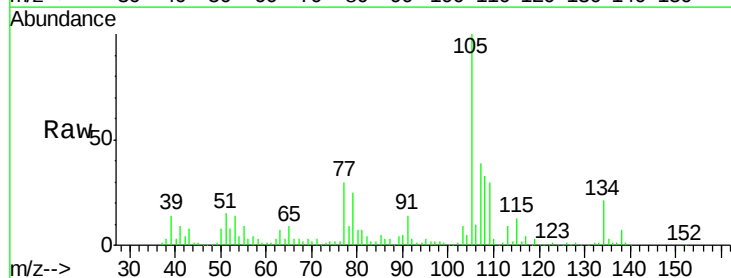


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

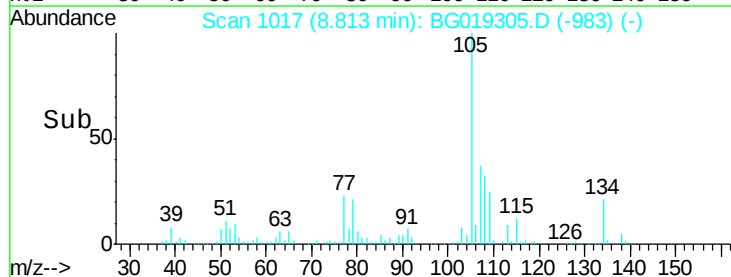
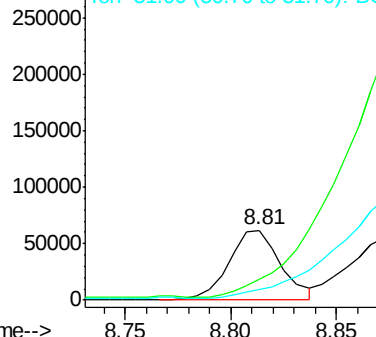


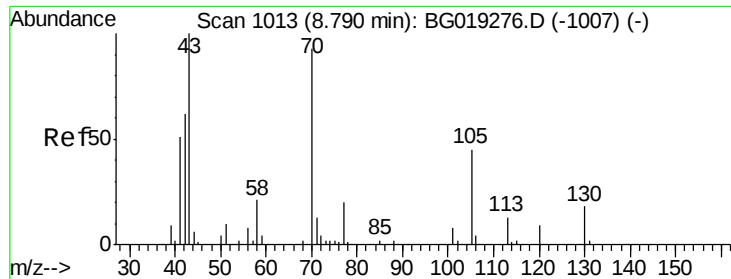
#14
Acetophenone
Concen: 26.40 ng/ul
RT: 8.81 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG019305.D
Acq: 22 Oct 2015 6:50

Tgt Ion:105 Resp: 102862
Ion Ratio Lower Upper
105 100
77 29.6 63.8 95.6#
51 14.8 26.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG0
Ion 51.00 (50.70 to 51.70): BG0

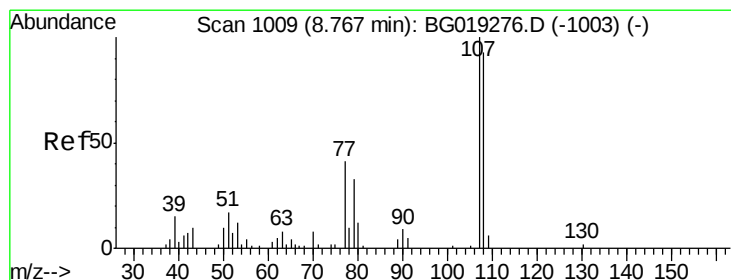
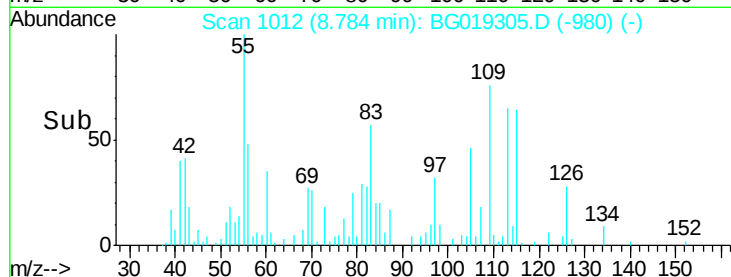
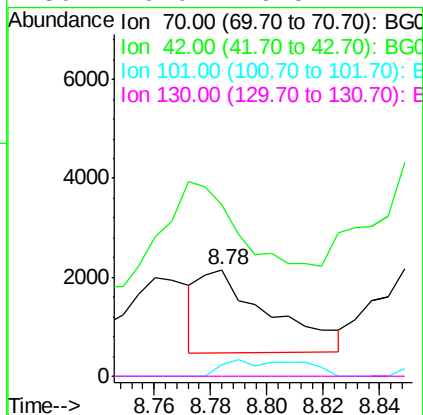
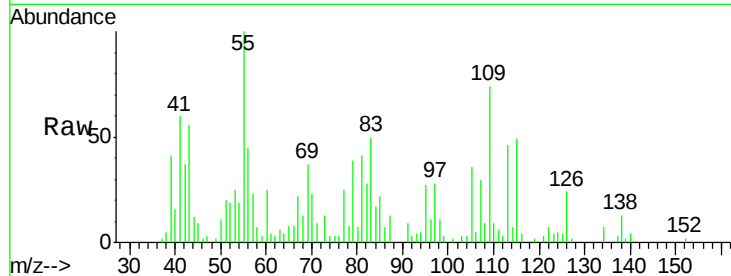




#15
N-Nitroso-di-n-propylamine
Concen: 1.44 ng/ul
RT: 8.78 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG019305.D
Acq: 22 Oct 2015 6:50

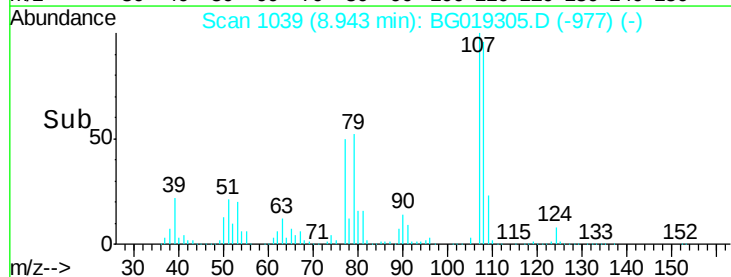
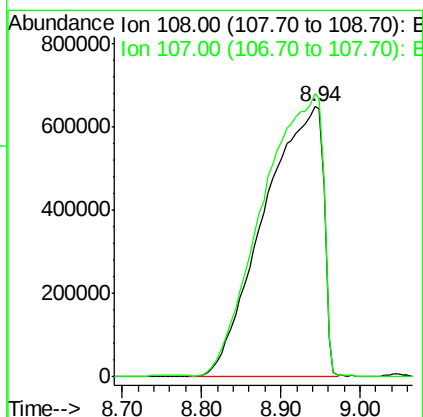
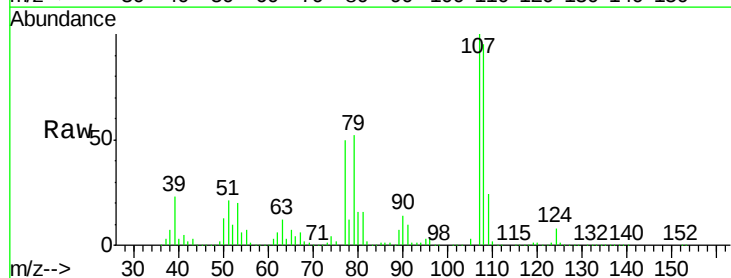
Instrument :
BNA_G
ClientSampleId :
E5LK7RX

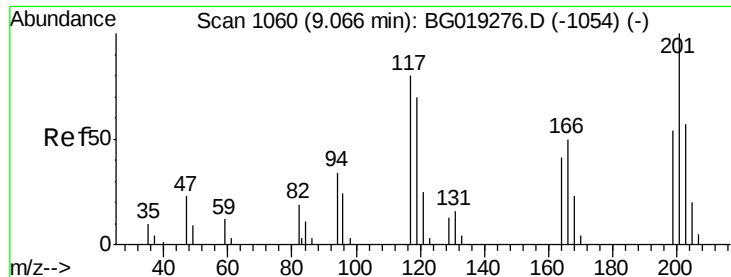
Tgt Ion: 70 Resp: 2865
Ion Ratio Lower Upper
70 100
42 161.1 53.6 80.4#
101 10.7 7.9 11.9
130 0.0 16.5 24.7#



#16
4-Methylphenol
Concen: 1341.76 ng/ul
RT: 8.94 min Scan# 1039
Delta R.T. 0.17 min
Lab File: BG019305.D
Acq: 22 Oct 2015 6:50

Tgt Ion: 108 Resp: 3351966
Ion Ratio Lower Upper
108 100
107 104.7 86.6 130.0

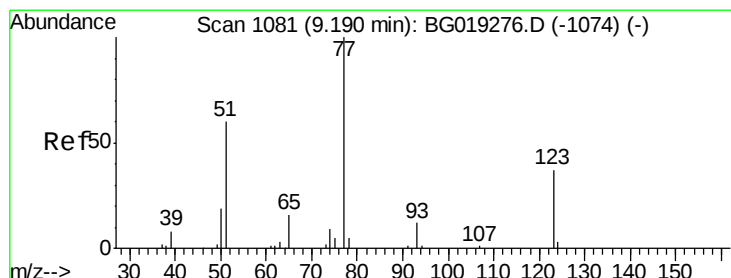
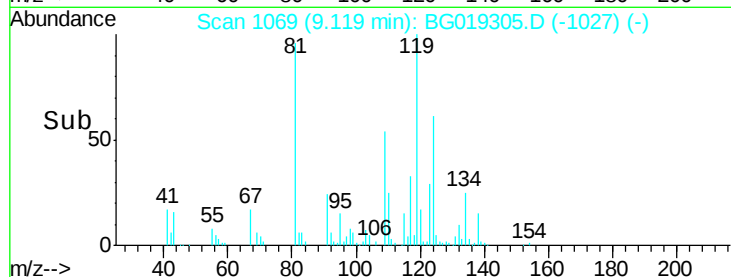
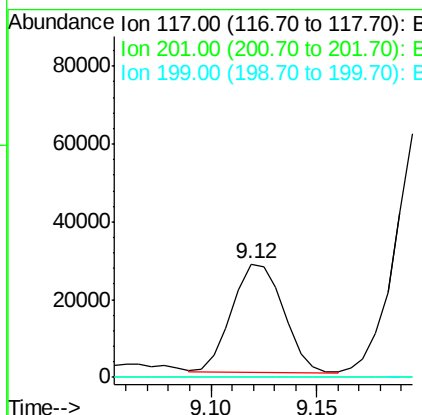
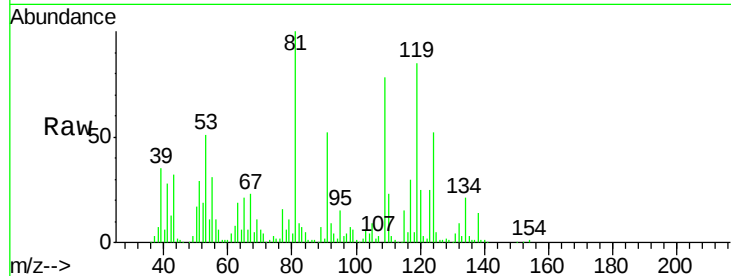




#17
 Hexachloroethane
 Concen: 53.39 ng/ul
 RT: 9.12 min Scan# 1069
 Delta R.T. 0.05 min
 Lab File: BG019305.D
 Acq: 22 Oct 2015 6:50

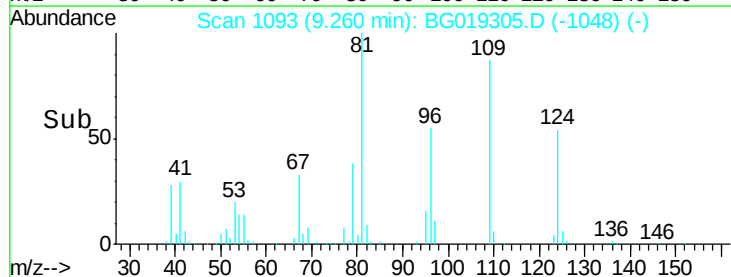
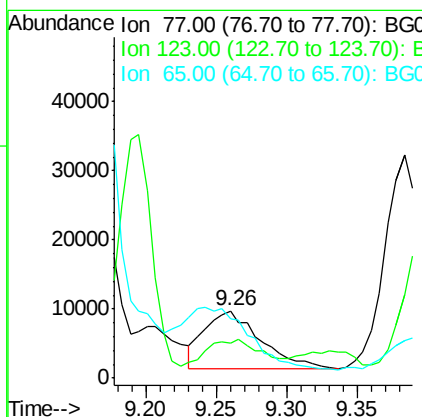
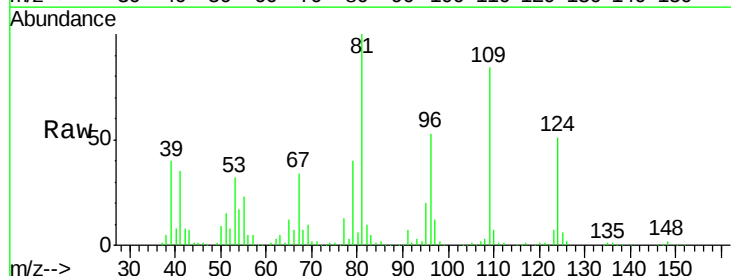
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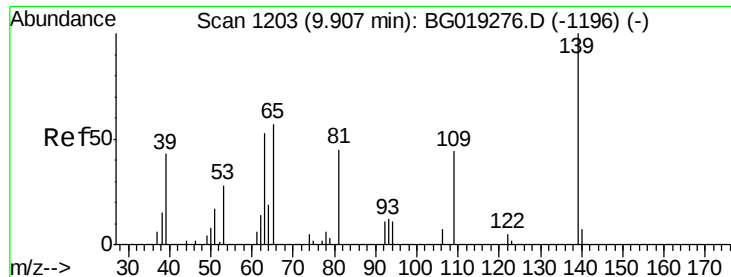
Tgt Ion: 117 Resp: 46862
 Ion Ratio Lower Upper
 117 100
 201 0.0 91.4 137.0#
 199 0.0 58.7 88.1#



#20
 Nitrobenzene
 Concen: 7.28 ng/ul
 RT: 9.26 min Scan# 1093
 Delta R.T. 0.07 min
 Lab File: BG019305.D
 Acq: 22 Oct 2015 6:50

Tgt Ion: 77 Resp: 23049
 Ion Ratio Lower Upper
 77 100
 123 51.7 32.6 48.8#
 65 88.4 10.6 15.8#

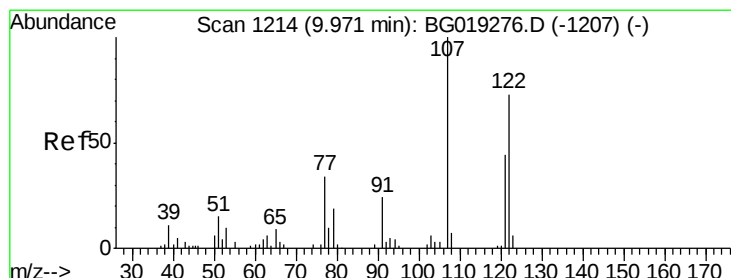
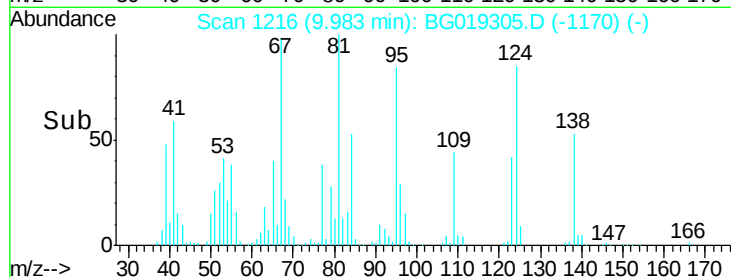
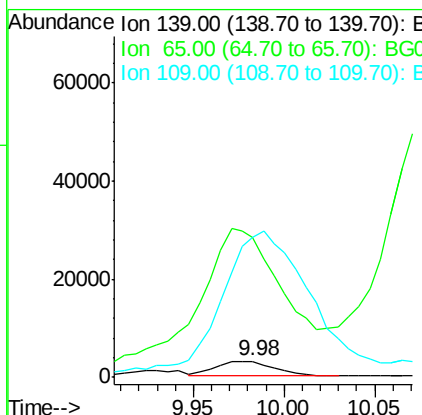
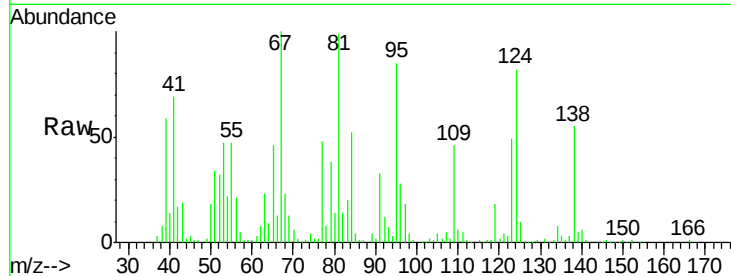




#23
 2-Nitrophenol
 Concen: 5.29 ng/ul
 RT: 9.98 min Scan# 1216
 Delta R.T. 0.07 min
 Lab File: BG019305.D
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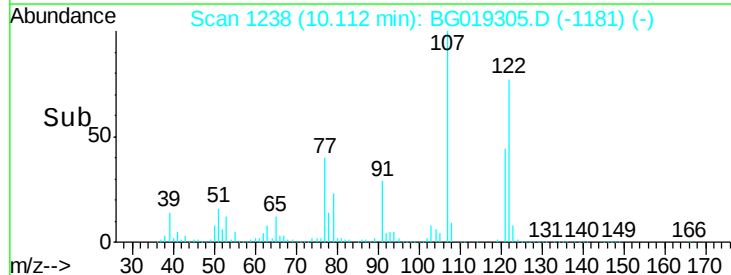
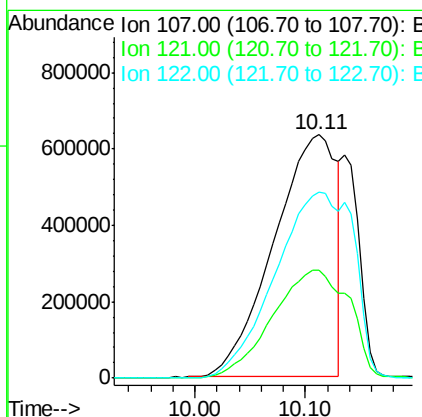
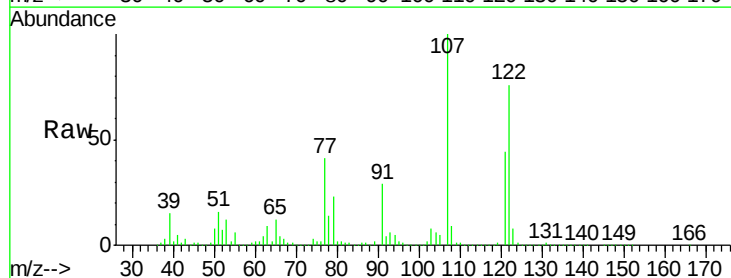
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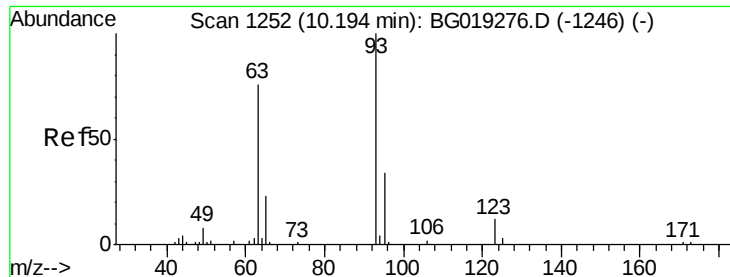
Tgt Ion:139 Resp: 6888
 Ion Ratio Lower Upper
 139 100
 65 860.5 45.6 68.4#
 109 859.0 24.7 37.1#



#24
 2,4-Dimethylphenol
 Concen: 787.97 ng/ul
 RT: 10.11 min Scan# 1238
 Delta R.T. 0.14 min
 Lab File: BG019305.D
 Acq: 22 Oct 2015 6:50

Tgt Ion:107 Resp: 2487220
 Ion Ratio Lower Upper
 107 100
 121 44.1 37.2 55.8
 122 76.5 67.6 101.4





#25

Bis(2-Chloroethoxy)methane

Concen: 2.17 ng/ul

RT: 10.25 min Scan# 1262

Delta R.T. 0.05 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

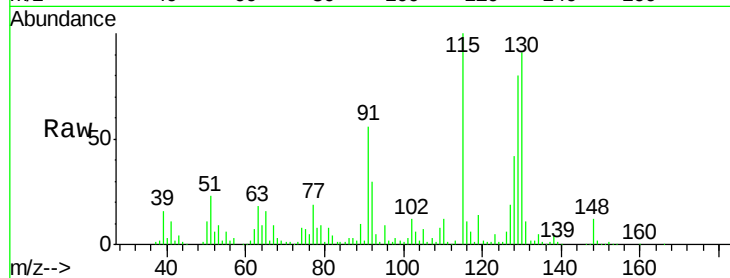
Tgt Ion: 93 Resp: 6922

Ion Ratio Lower Upper

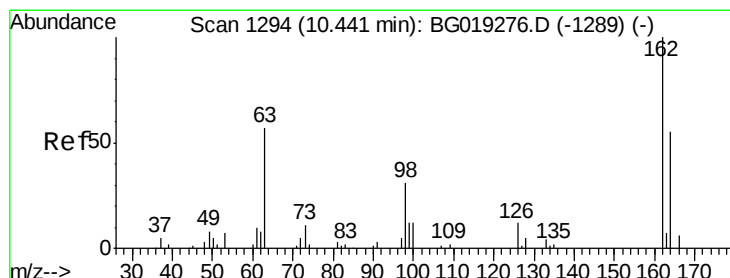
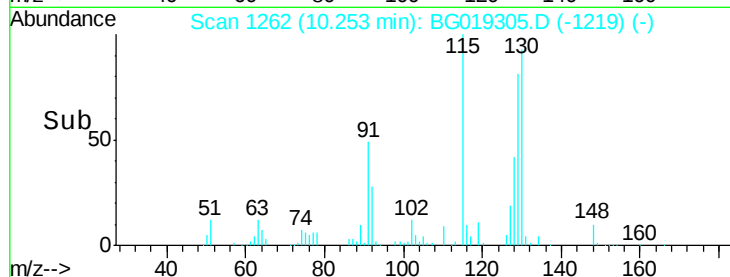
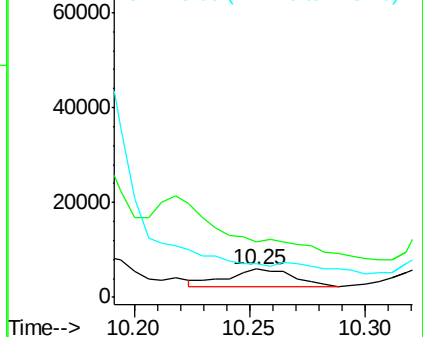
93 100

95 193.5 25.4 38.0#

123 119.2 8.0 12.0#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): BGC



#27

2,4-Dichlorophenol

Concen: 30.32 ng/ul

RT: 10.49 min Scan# 1303

Delta R.T. 0.04 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

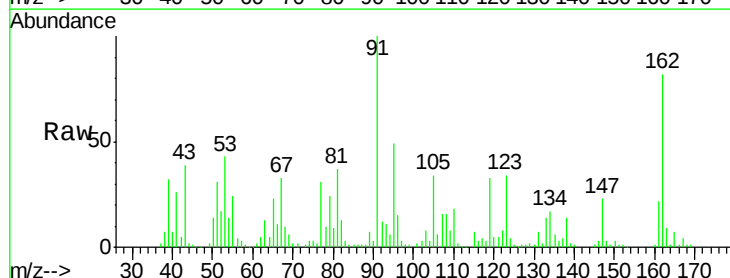
Tgt Ion: 162 Resp: 74345

Ion Ratio Lower Upper

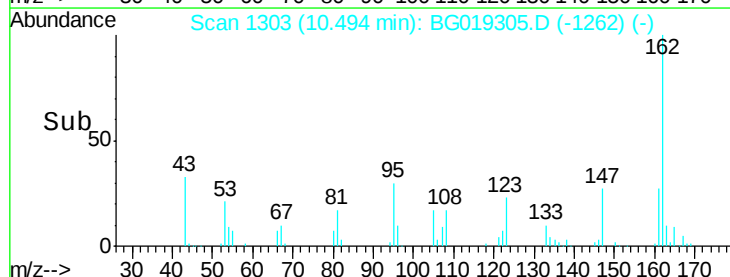
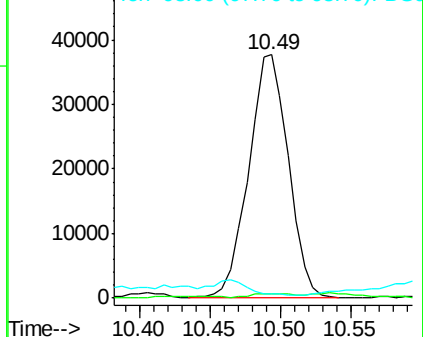
162 100

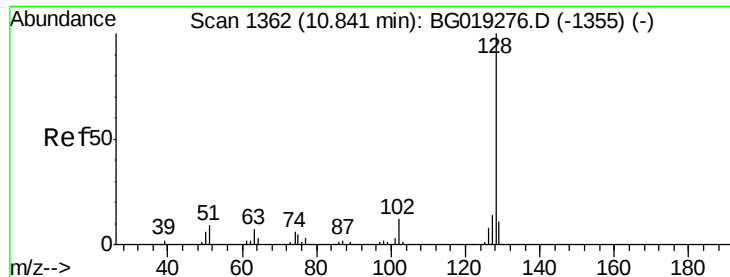
164 1.6 50.0 75.0#

98 1.7 29.0 43.6#



Abundance Ion 162.00 (161.70 to 162.70): BGC
Ion 164.00 (163.70 to 164.70): BGC
Ion 98.00 (97.70 to 98.70): BGC





#28

Naphthalene

Concen: 288.22 ng/ul

RT: 10.91 min Scan# 1374

Delta R.T. 0.07 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

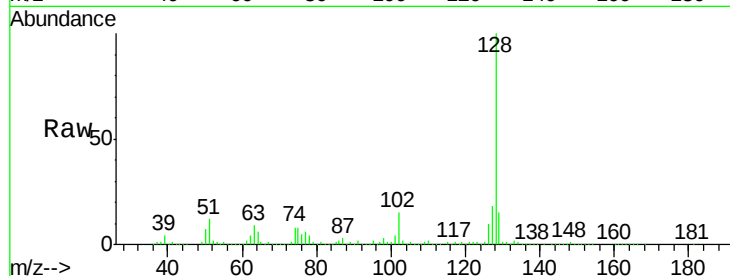
Tgt Ion:128 Resp: 2259150

Ion Ratio Lower Upper

128 100

129 14.5 9.6 14.4#

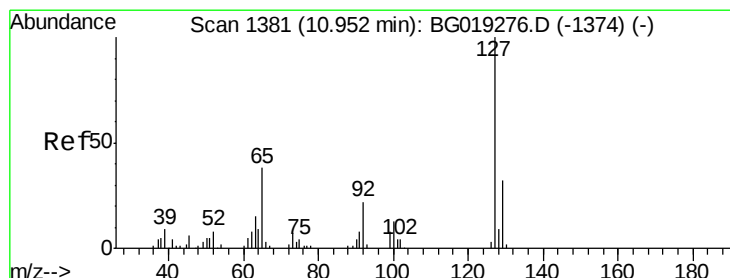
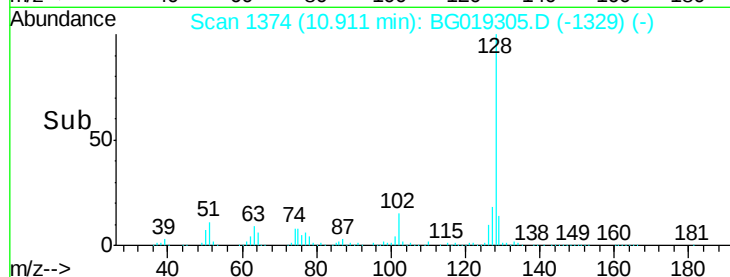
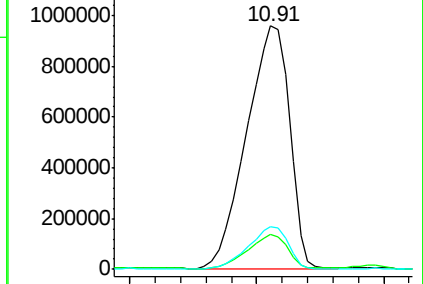
127 17.8 11.3 16.9#



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



#30

4-Chloroaniline

Concen: 2.11 ng/ul

RT: 10.99 min Scan# 1388

Delta R.T. 0.04 min

Lab File: BG019305.D

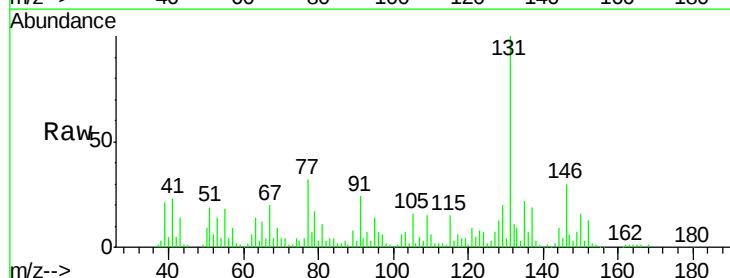
Acq: 22 Oct 2015 6:50

Tgt Ion:127 Resp: 6804

Ion Ratio Lower Upper

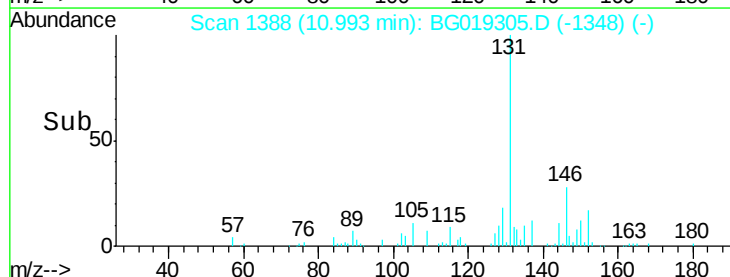
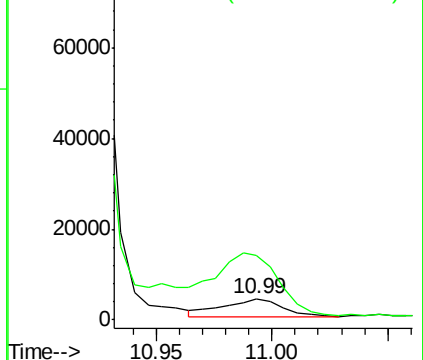
127 100

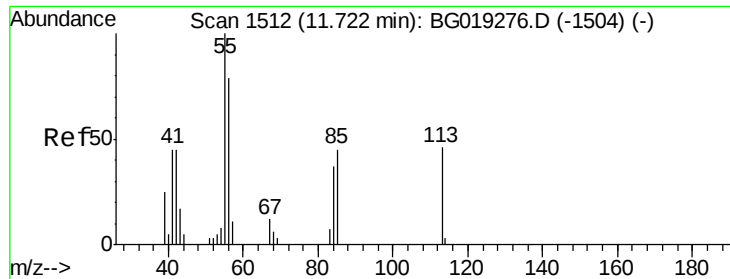
129 309.1 24.3 36.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#32

Caprolactam

Concen: 1.90 ng/ul

RT: 11.77 min Scan# 1520

Delta R.T. 0.04 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

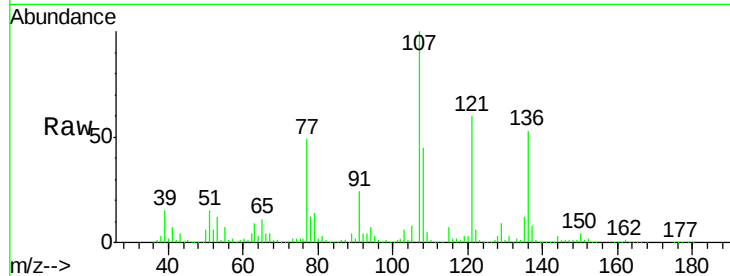
Tgt Ion:113 Resp: 1725

Ion Ratio Lower Upper

113 100

55 2332.8 169.3 253.9#

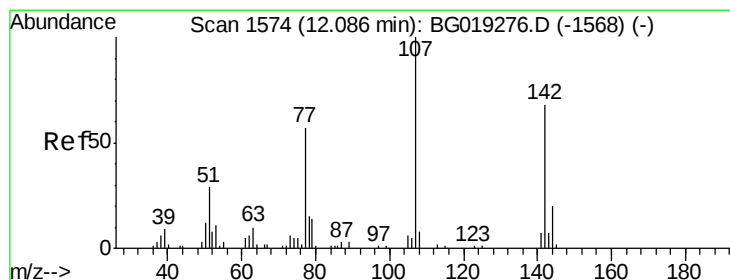
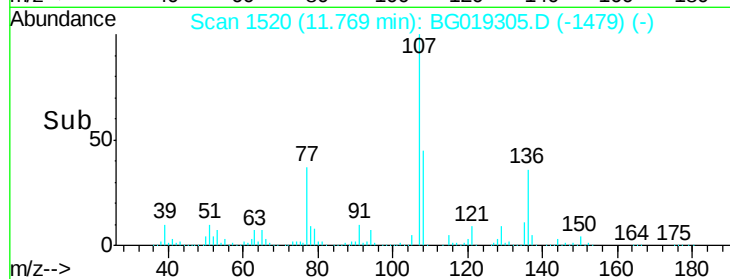
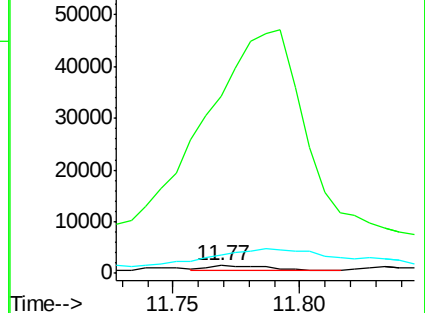
56 242.3 125.8 188.8#



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



#33

4-Chloro-3-methylphenol

Concen: 26.52 ng/ul

RT: 12.14 min Scan# 1583

Delta R.T. 0.05 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

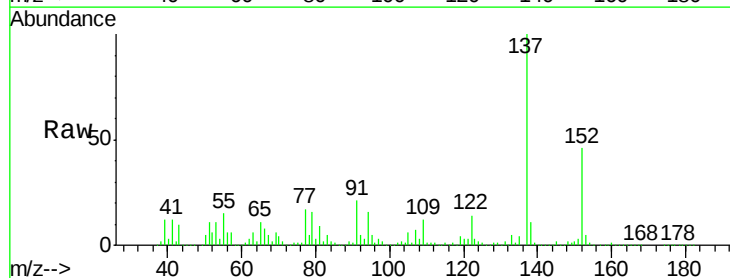
Tgt Ion:107 Resp: 81932

Ion Ratio Lower Upper

107 100

144 4.5 20.9 31.3#

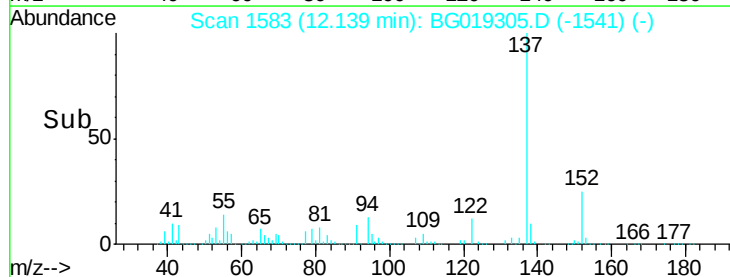
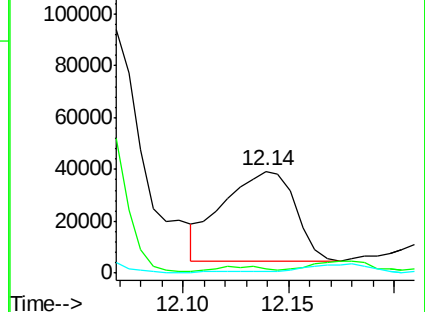
142 1.9 65.6 98.4#

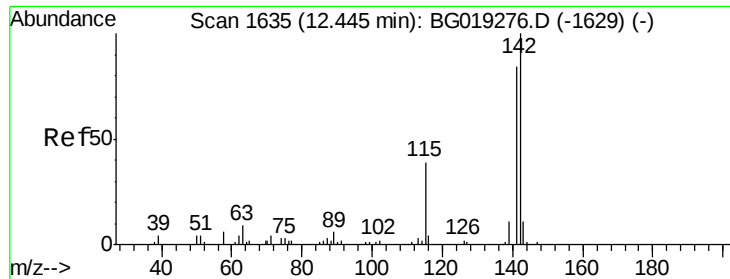


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

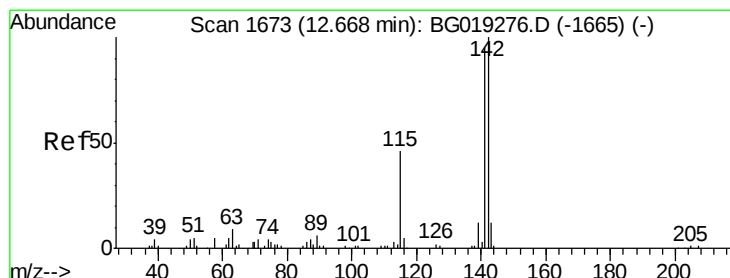
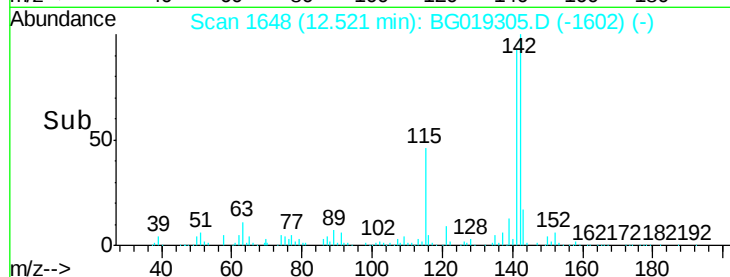
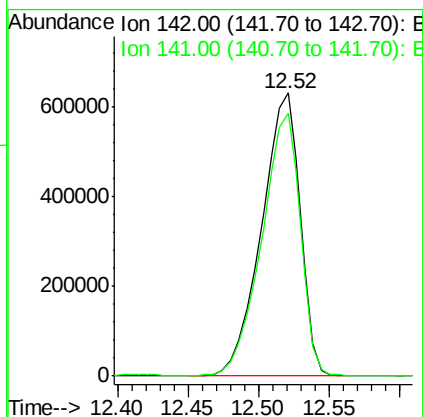
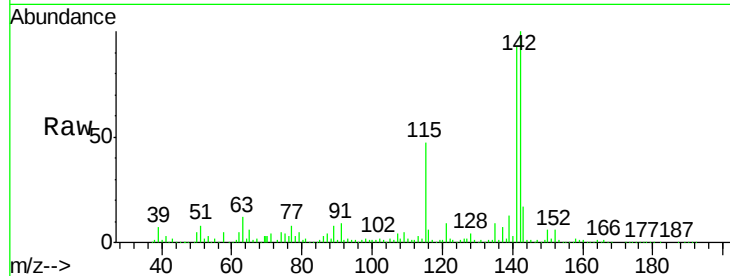




#34
 2-Methylnaphthalene
 Concen: 193.97 ng/ul
 RT: 12.52 min Scan# 1648
 Delta R.T. 0.07 min
 Lab File: BG019305.D
 Acq: 22 Oct 2015 6:50

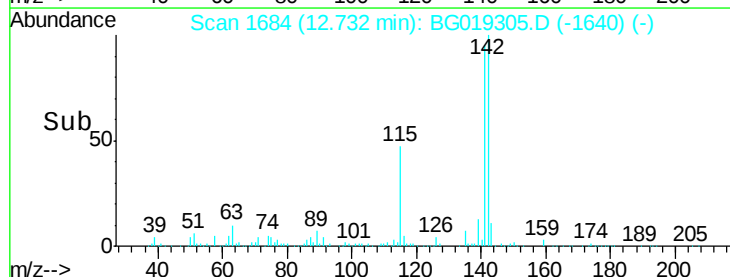
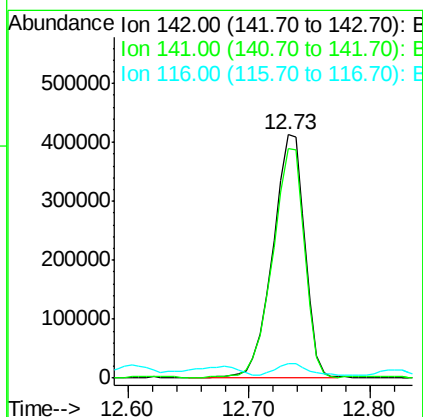
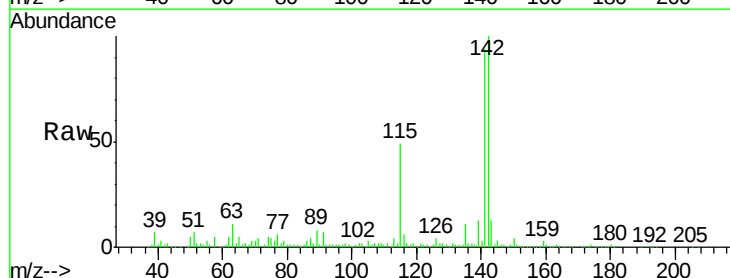
Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

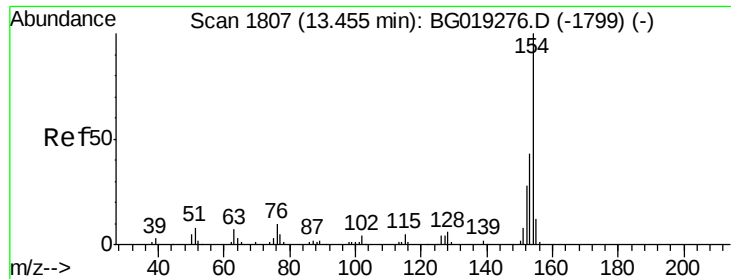
Tgt Ion:142 Resp: 1205231
 Ion Ratio Lower Upper
 142 100
 141 92.9 73.4 110.0



#35
 1-Methylnaphthalene
 Concen: 122.60 ng/ul
 RT: 12.73 min Scan# 1684
 Delta R.T. 0.06 min
 Lab File: BG019305.D
 Acq: 22 Oct 2015 6:50

Tgt Ion:142 Resp: 746015
 Ion Ratio Lower Upper
 142 100
 141 94.5 74.8 112.2
 116 6.0 3.2 4.8#

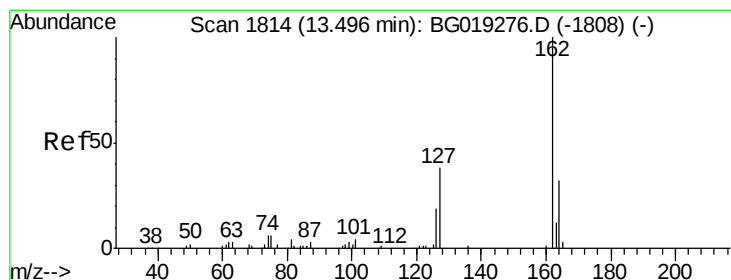
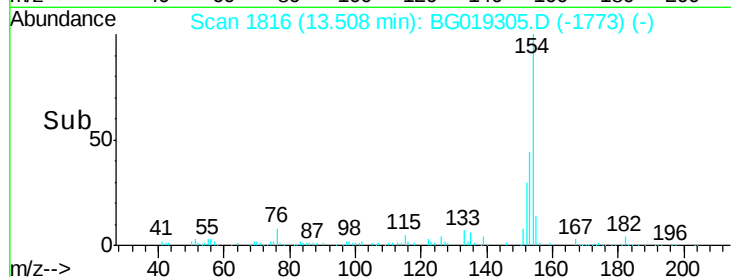
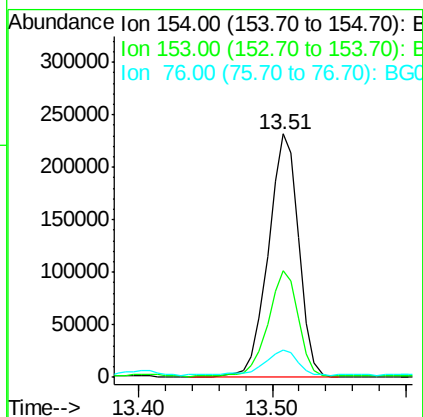
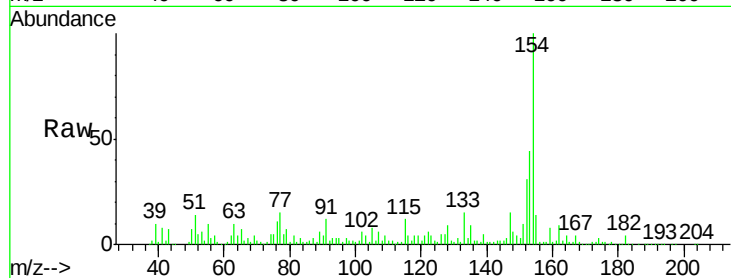




#41
 1,1'-Biphenyl
 Concen: 57.48 ng/ul
 RT: 13.51 min Scan# 1816
 Delta R.T. 0.05 min
 Lab File: BG019305.D
 Acq: 22 Oct 2015 6:50

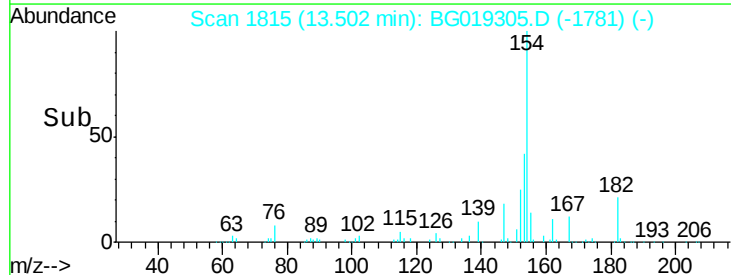
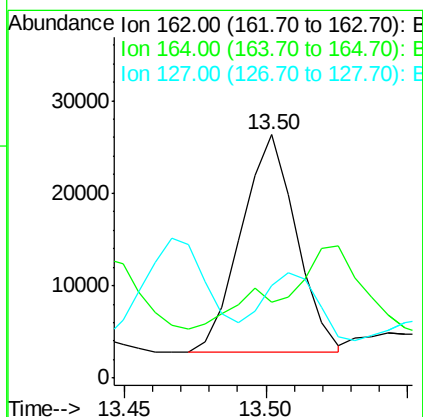
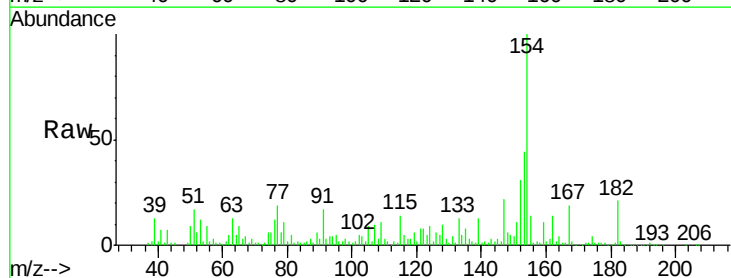
Instrument :
 BNA_G
 ClientSampleId :
 E5LK7RX

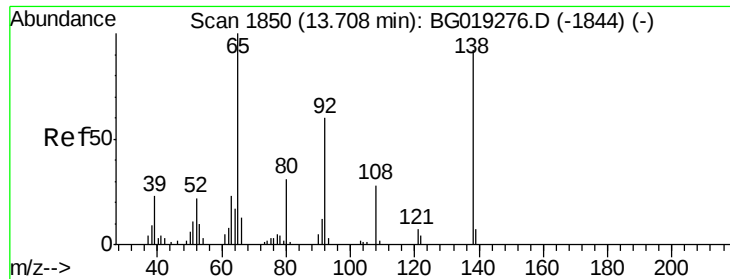
Tgt Ion:154 Resp: 364957
 Ion Ratio Lower Upper
 154 100
 153 44.0 31.4 47.0
 76 11.3 10.8 16.2



#42
 2-Chloronaphthalene
 Concen: 6.49 ng/ul
 RT: 13.50 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BG019305.D
 Acq: 22 Oct 2015 6:50

Tgt Ion:162 Resp: 31847
 Ion Ratio Lower Upper
 162 100
 164 31.1 25.8 38.8
 127 38.3 29.0 43.4





#43

2-Nitroaniline

Concen: 17.90 ng/ul

RT: 13.74 min Scan# 1855

Delta R.T. 0.03 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

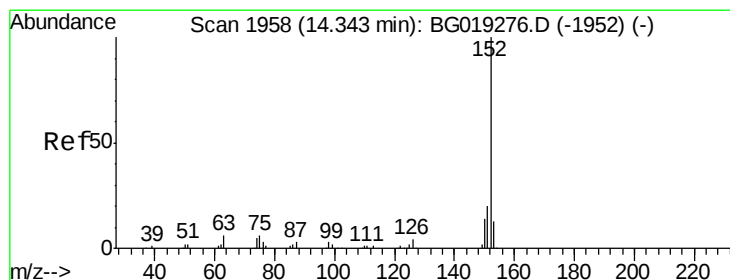
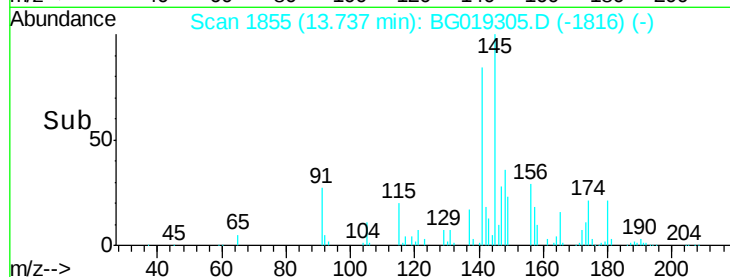
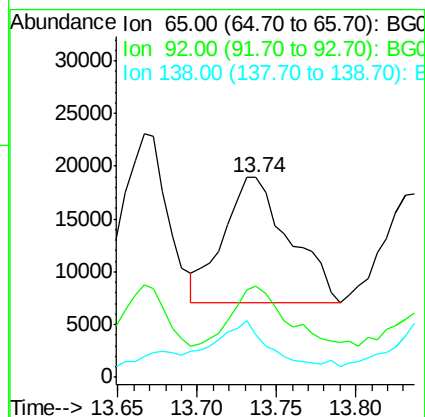
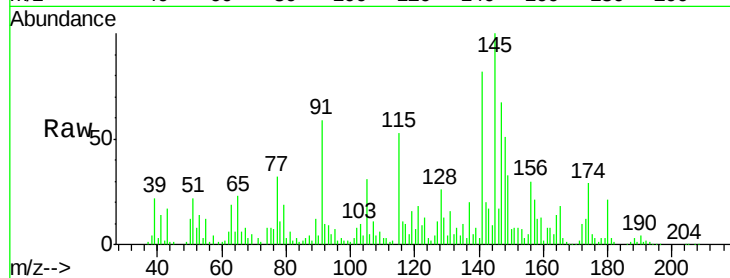
Tgt Ion: 65 Resp: 34375

Ion Ratio Lower Upper

65 100

92 45.7 50.7 76.1#

138 21.4 74.9 112.3#



#48

Acenaphthylene

Concen: 15.37 ng/ul

RT: 14.40 min Scan# 1968

Delta R.T. 0.05 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

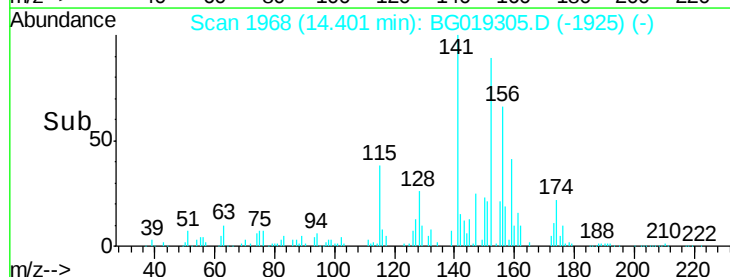
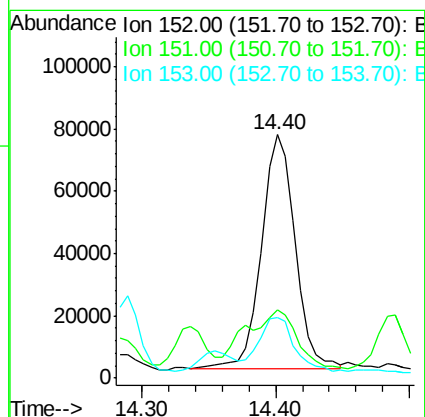
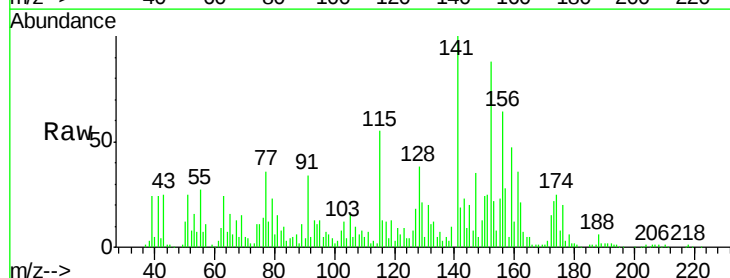
Tgt Ion: 152 Resp: 130352

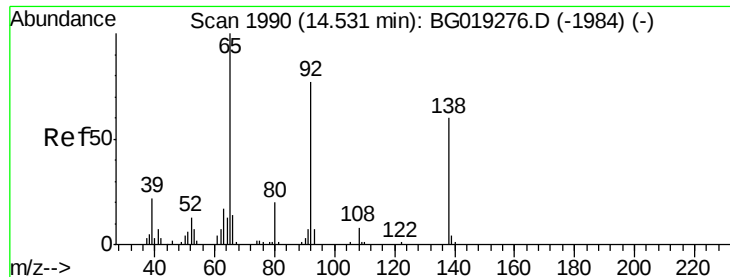
Ion Ratio Lower Upper

152 100

151 28.3 16.6 25.0#

153 25.0 10.5 15.7#





#49

3-Nitroaniline

Concen: 1.48 ng/ul

RT: 14.58 min Scan# 1998

Delta R.T. 0.04 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

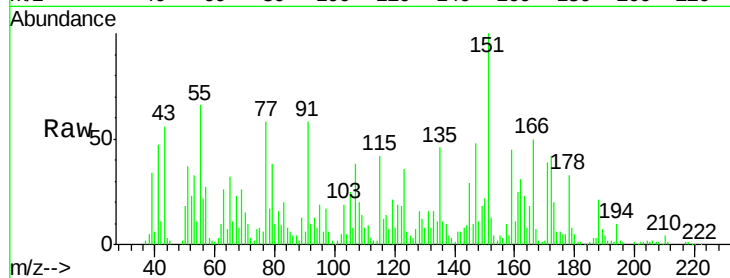
Tgt Ion:138 Resp: 1932

Ion Ratio Lower Upper

138 100

108 448.5 8.9 13.3#

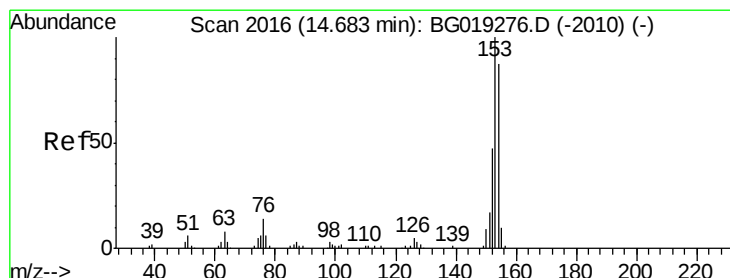
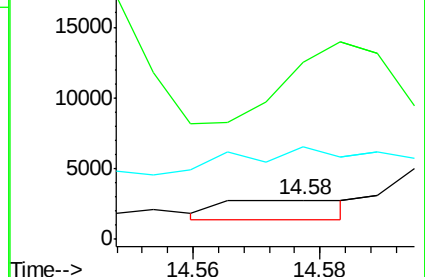
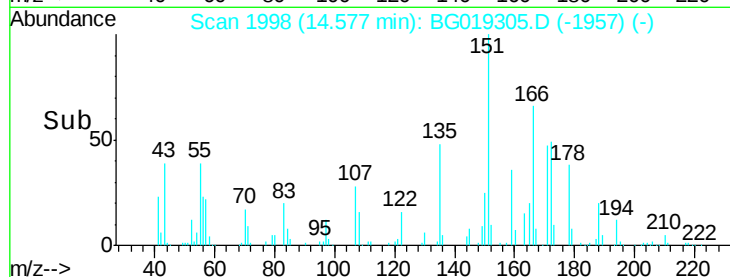
92 234.5 92.4 138.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#50

Acenaphthene

Concen: 19.34 ng/ul

RT: 14.74 min Scan# 2025

Delta R.T. 0.05 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

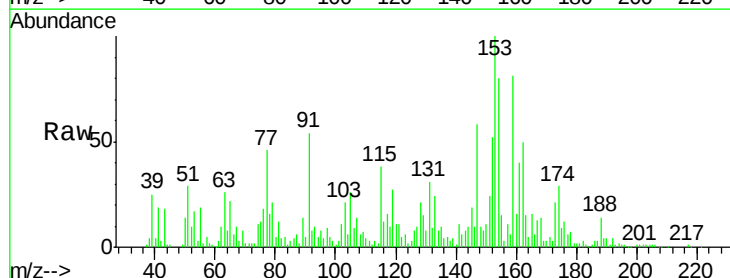
Tgt Ion:153 Resp: 109829

Ion Ratio Lower Upper

153 100

152 51.7 36.2 54.2

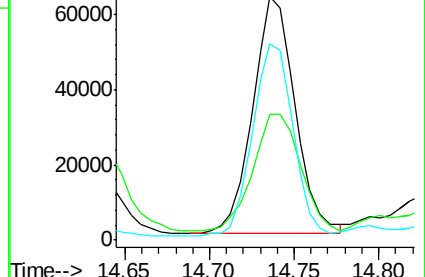
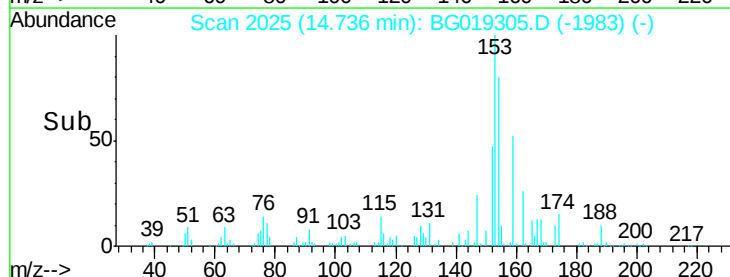
154 80.4 67.5 101.3

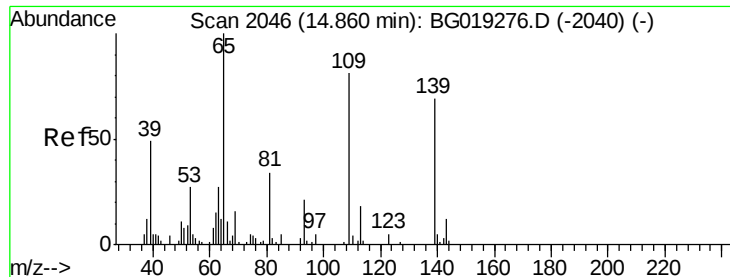


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 1.28 ng/ul

RT: 14.89 min Scan# 2052

Delta R.T. 0.03 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

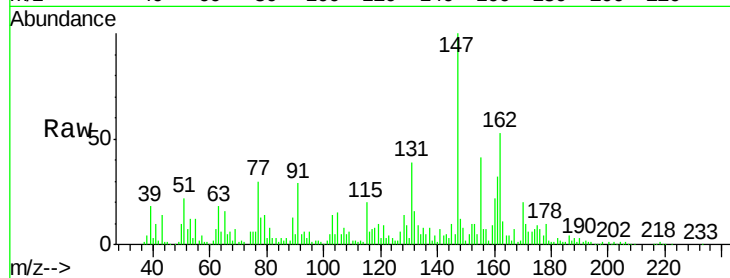
Tgt Ion:109 Resp: 1792

Ion Ratio Lower Upper

109 100

139 68.7 97.9 146.9#

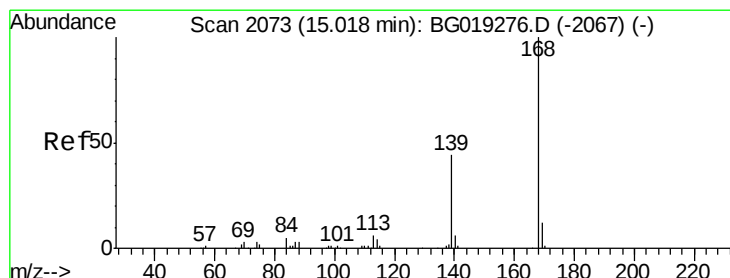
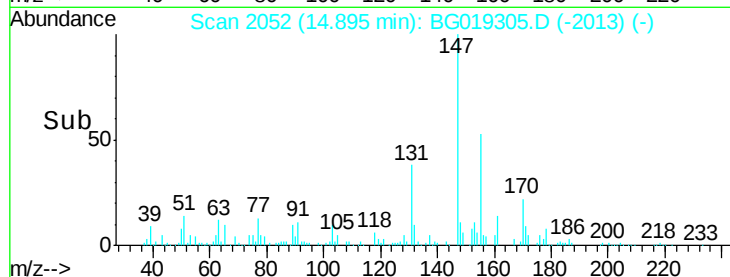
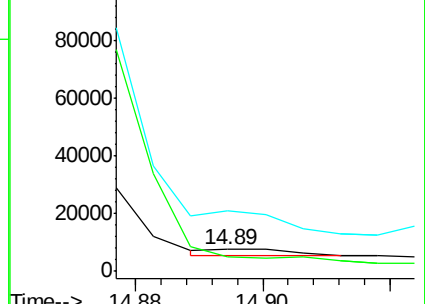
65 274.5 117.4 176.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#54

Dibenzofuran

Concen: 2.06 ng/ul

RT: 14.98 min Scan# 2067

Delta R.T. -0.04 min

Lab File: BG019305.D

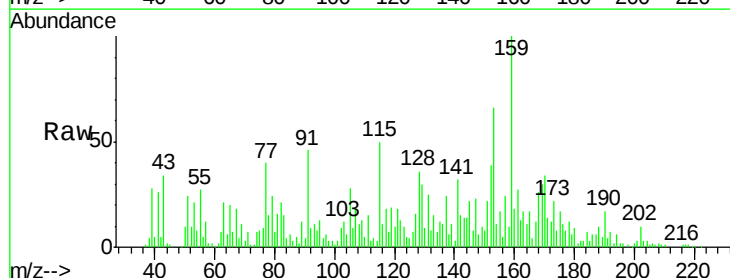
Acq: 22 Oct 2015 6:50

Tgt Ion:168 Resp: 16542

Ion Ratio Lower Upper

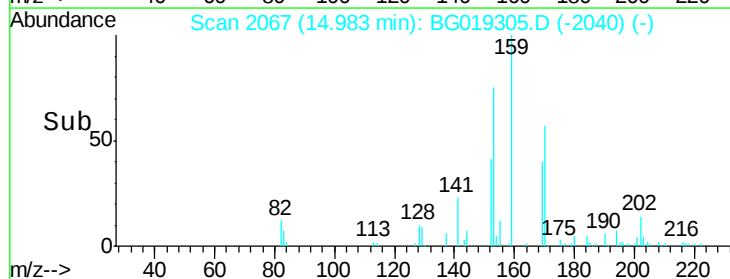
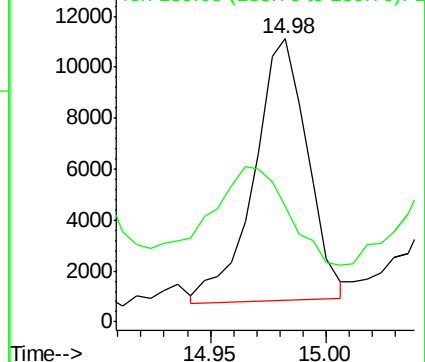
168 100

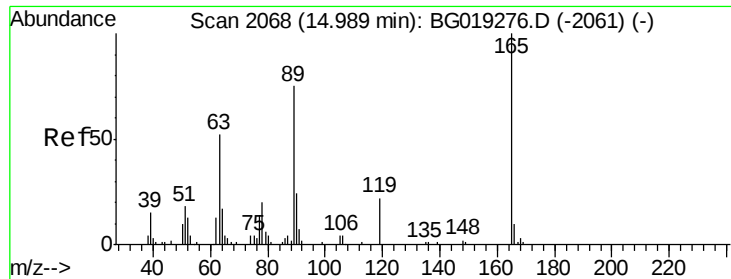
139 40.9 28.5 42.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#55

2,4-Dinitrotoluene

Concen: 6.04 ng/ul

RT: 15.03 min Scan# 2075

Delta R.T. 0.04 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

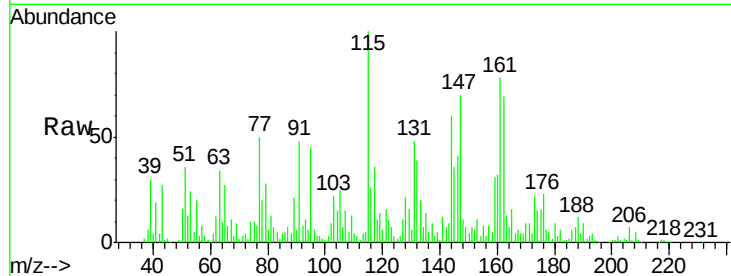
Tgt Ion:165 Resp: 13388

Ion Ratio Lower Upper

165 100

63 212.4 39.5 59.3#

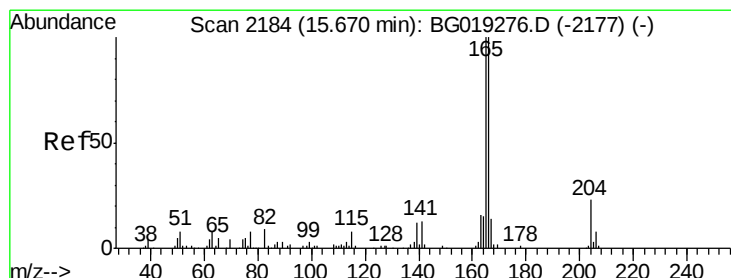
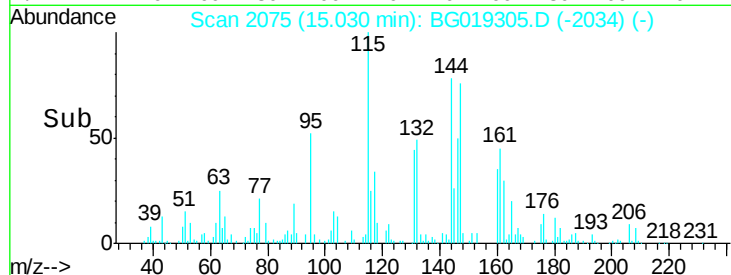
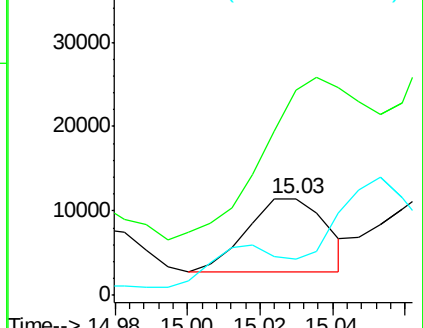
182 37.5 2.2 3.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 182.00 (181.70 to 182.70): E



#59

Fluorene

Concen: 52.14 ng/ul

RT: 15.73 min Scan# 2194

Delta R.T. 0.06 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

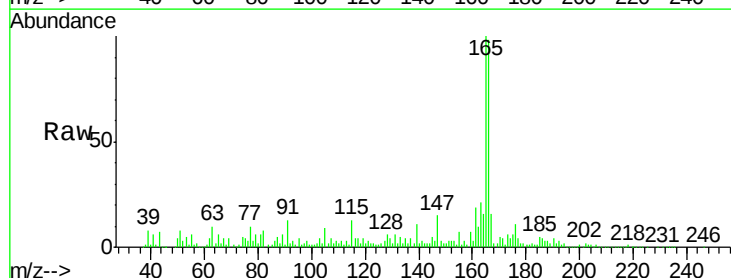
Tgt Ion:166 Resp: 358079

Ion Ratio Lower Upper

166 100

165 102.5 77.7 116.5

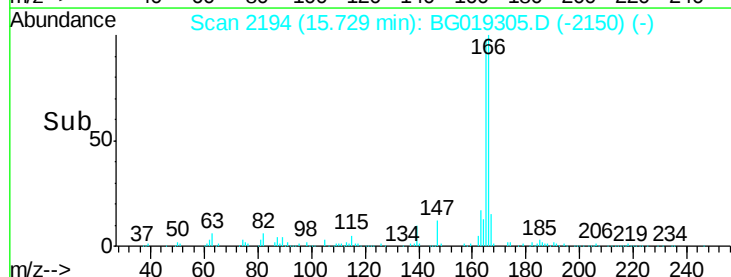
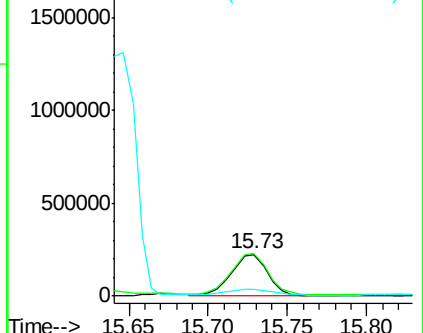
167 16.6 10.4 15.6#

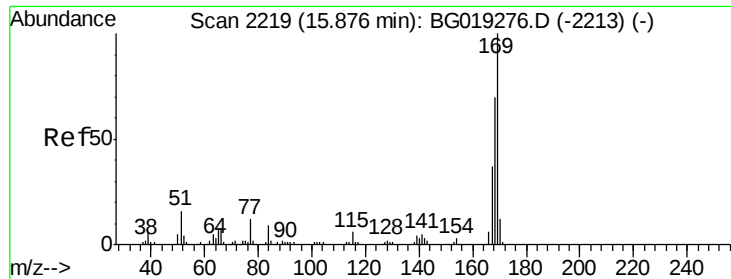


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#65

N-Nitrosodiphenylamine

Concen: 4.57 ng/ul

RT: 16.02 min Scan# 2244

Delta R.T. 0.15 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

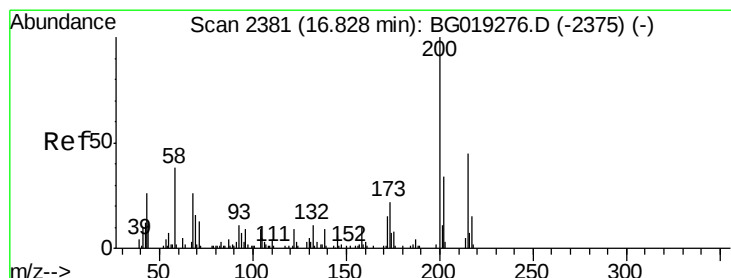
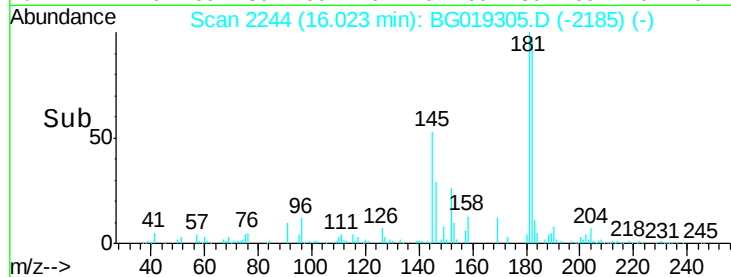
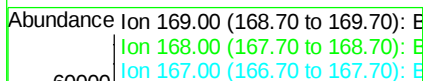
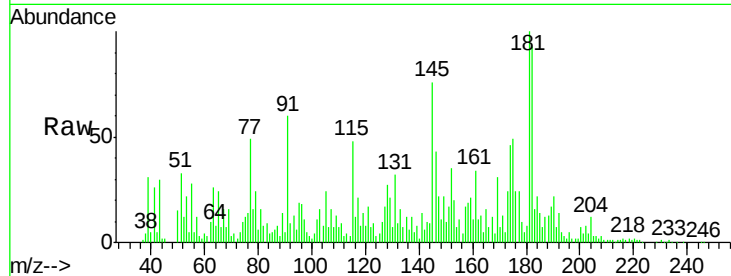
Tgt Ion:169 Resp: 14853

Ion Ratio Lower Upper

169 100

168 13.6 58.2 87.4#

167 39.6 30.9 46.3



#68

Atrazine

Concen: 2.33 ng/ul

RT: 16.97 min Scan# 2406

Delta R.T. 0.15 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

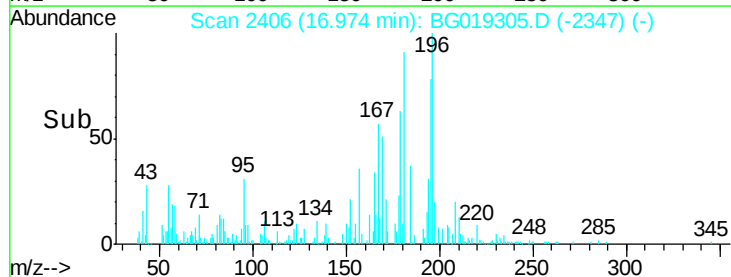
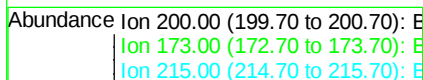
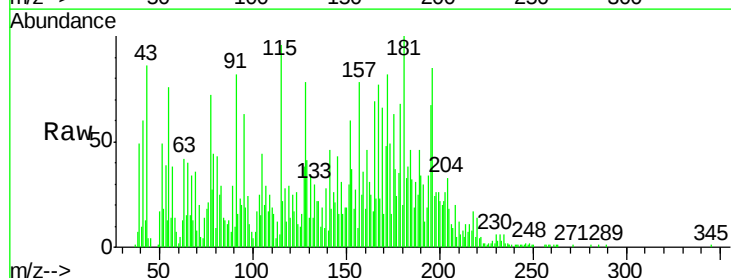
Tgt Ion:200 Resp: 3637

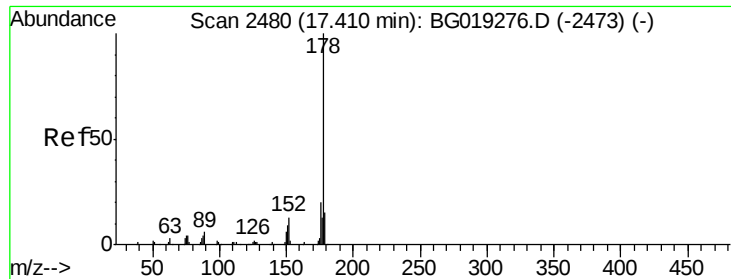
Ion Ratio Lower Upper

200 100

173 217.3 18.5 27.7#

215 29.1 35.9 53.9#





#70

Phenanthrene

Concen: 97.55 ng/ul

RT: 17.47 min Scan# 2490

Delta R.T. 0.05 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

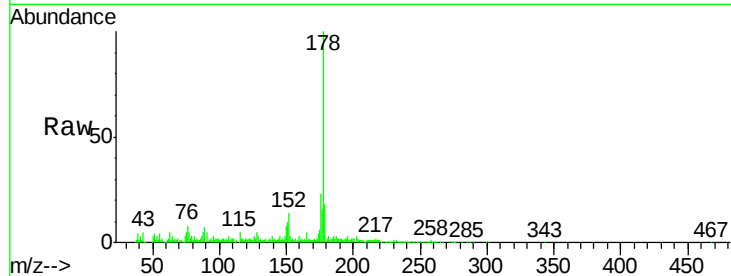
Tgt Ion:178 Resp: 644452

Ion Ratio Lower Upper

178 100

179 18.3 12.5 18.7

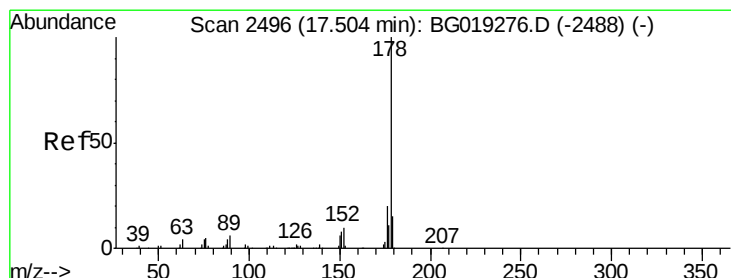
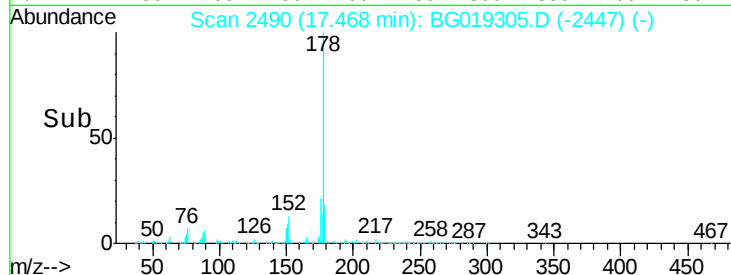
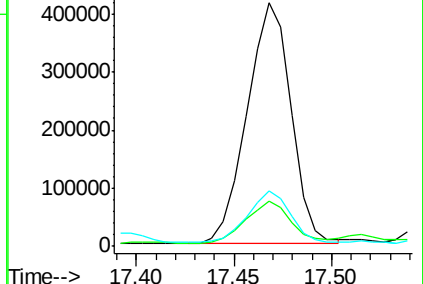
176 22.5 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 2.20 ng/ul

RT: 17.66 min Scan# 2522

Delta R.T. 0.15 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

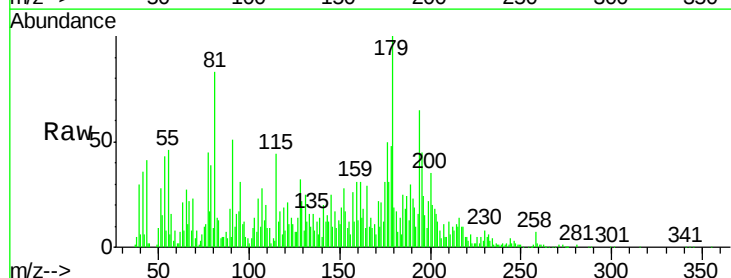
Tgt Ion:178 Resp: 14781

Ion Ratio Lower Upper

178 100

179 207.3 12.2 18.4#

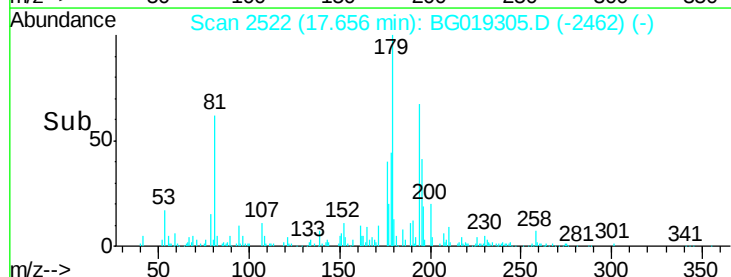
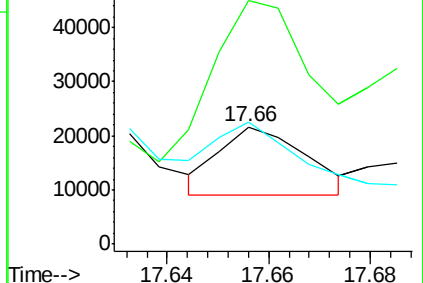
176 103.6 15.0 22.6#

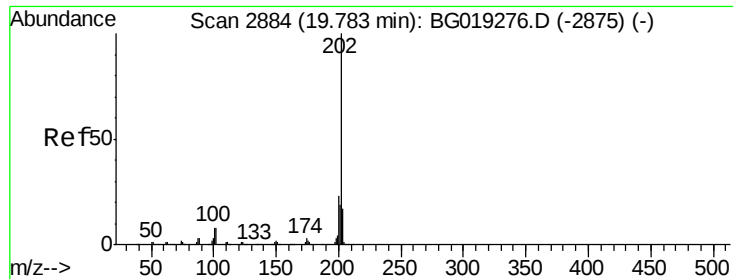


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

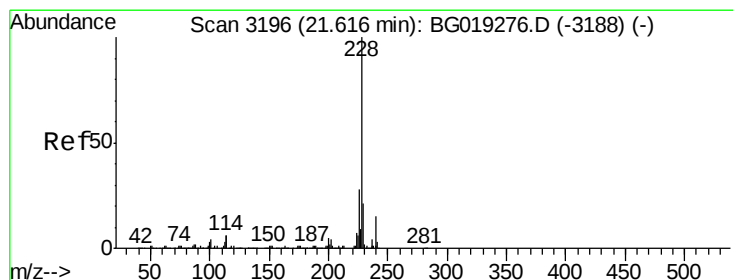
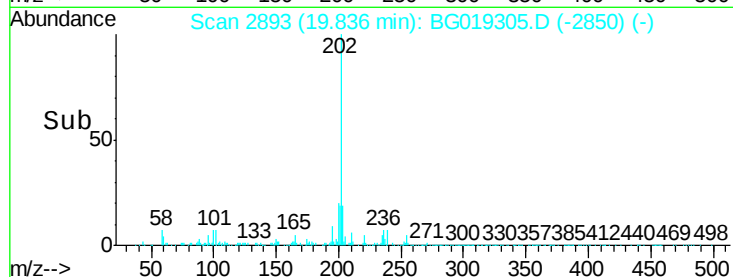
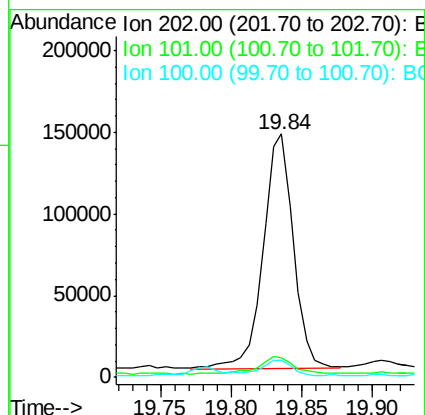
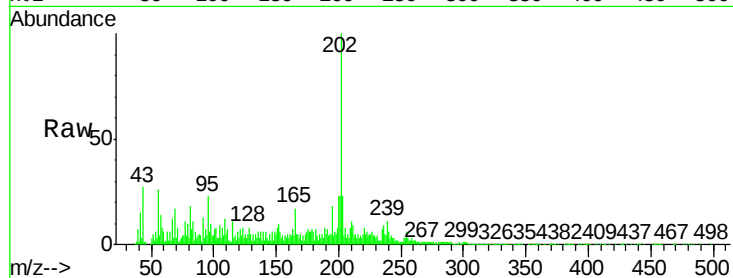




#80
Pyrene
Concen: 17.88 ng/ul
RT: 19.84 min Scan# 2893
Delta R.T. 0.05 min
Lab File: BG019305.D
Acq: 22 Oct 2015 6:50

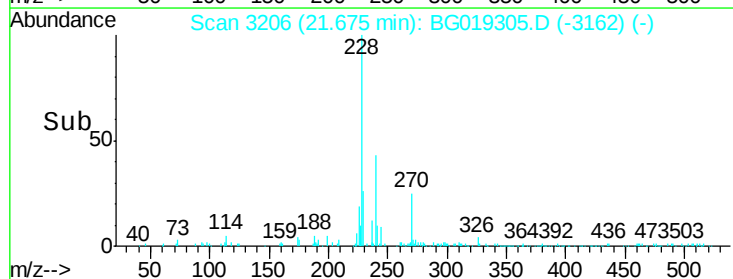
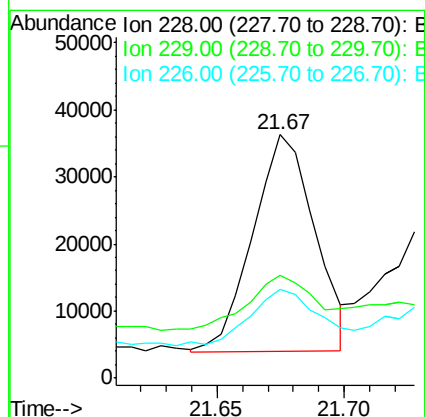
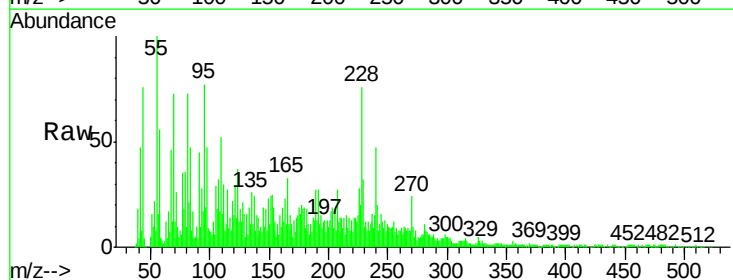
Instrument :
BNA_G
ClientSampleId :
E5LK7RX

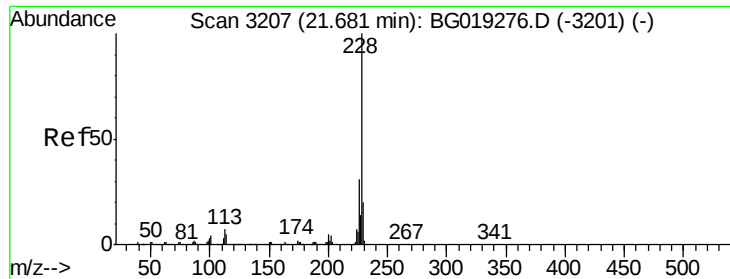
Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	10.2	15.2#
100	7.0	8.5	12.7#



#83
Benzo(a)anthracene
Concen: 4.79 ng/ul
RT: 21.67 min Scan# 3206
Delta R.T. 0.06 min
Lab File: BG019305.D
Acq: 22 Oct 2015 6:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	42.5	16.6	24.8#
226	36.6	22.8	34.2#





#85

Chrysene

Concen: 6.14 ng/ul

RT: 21.74 min Scan# 3217

Delta R.T. 0.06 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

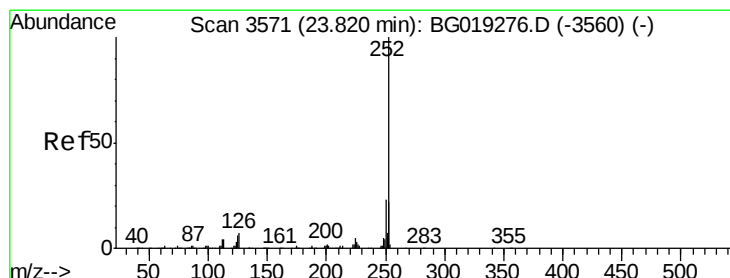
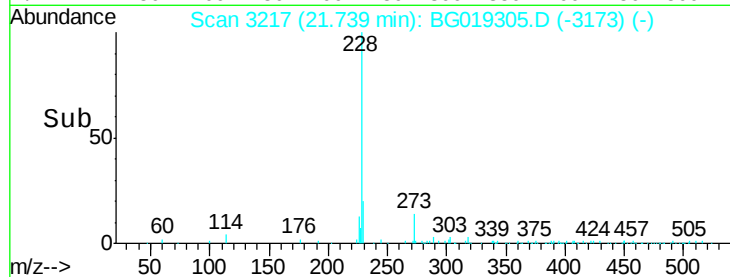
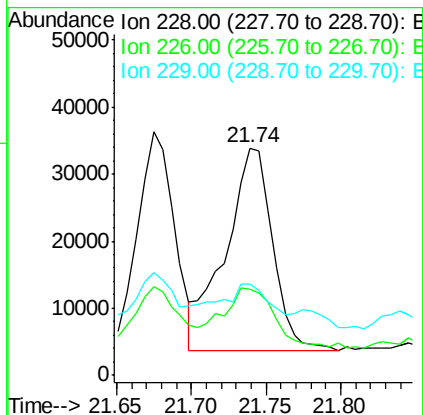
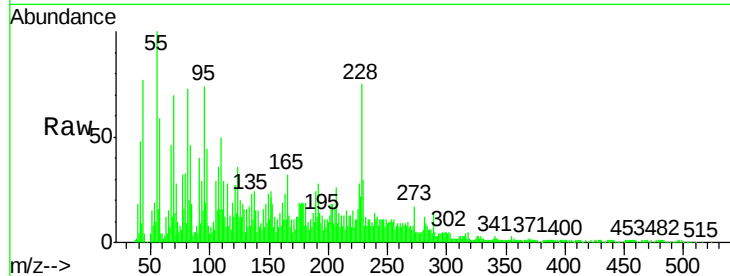
Tgt Ion:228 Resp: 66737

Ion Ratio Lower Upper

228 100

226 37.7 24.2 36.2#

229 40.2 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 2.86 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. 0.11 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

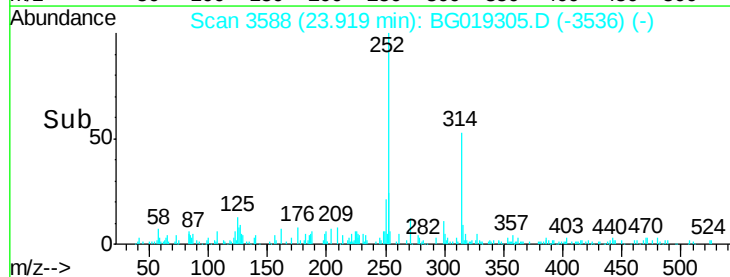
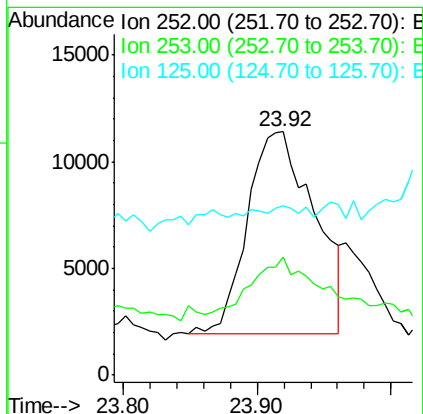
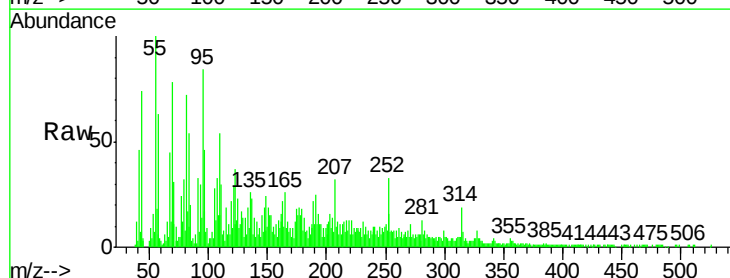
Tgt Ion:252 Resp: 32981

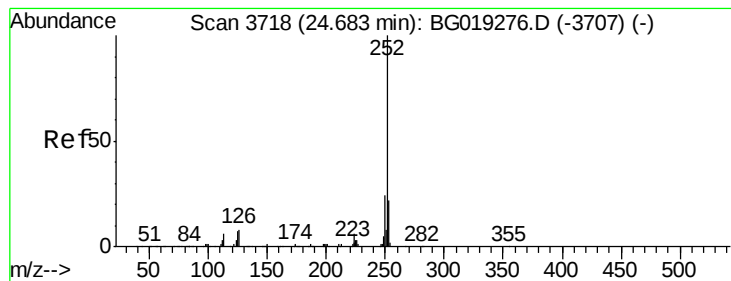
Ion Ratio Lower Upper

252 100

253 48.4 17.4 26.2#

125 69.3 8.1 12.1#





#91

Benzo(a)pyrene

Concen: 2.09 ng/ul

RT: 24.79 min Scan# 3736

Delta R.T. 0.11 min

Lab File: BG019305.D

Acq: 22 Oct 2015 6:50

Instrument :

BNA_G

ClientSampleId :

E5LK7RX

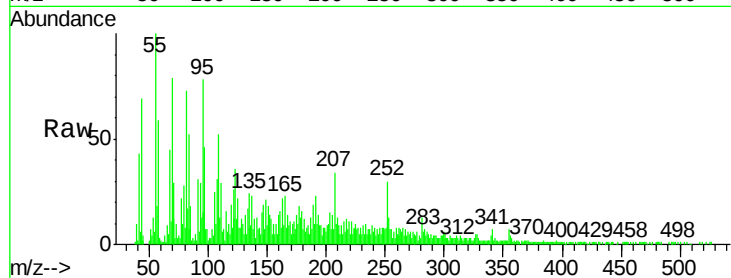
Tgt Ion:252 Resp: 23159

Ion Ratio Lower Upper

252 100

253 45.5 18.1 27.1#

125 75.7 9.4 14.2#



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

