

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052116\
 Data File : BG021997.D
 Acq On : 22 May 2016 4:39
 Operator : UM/SJ
 Sample : H3124-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHGG7

Quant Time: May 22 07:25:51 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 22 07:24:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	199936	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	116410	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	237448	20.00	ng/ul	0.00
76) Chrysene-d12	21.81	240	228047	20.00	ng/ul	0.00
84) Perylene-d12	25.14	264	210041	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	4025	5.27	ng/uL	0.00
5) Phenol-d5	7.31	99	86668	24.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	48441	25.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	74722	24.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	77259	25.35	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	39537	26.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	41856	26.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	69957	24.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	102116	33.28	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	258774	29.60	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	342460	28.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	41735	27.72	ng/ul	0.00
58) Fluorene-d10	15.77	176	231494	28.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	31196	25.13	ng/ul	0.00
71) Anthracene-d10	17.63	188	336477	29.44	ng/ul	0.00
77) Pyrene-d10	19.90	212	374127	29.09	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.91	264	307576	31.56	ng/ul	0.00

Target Compounds

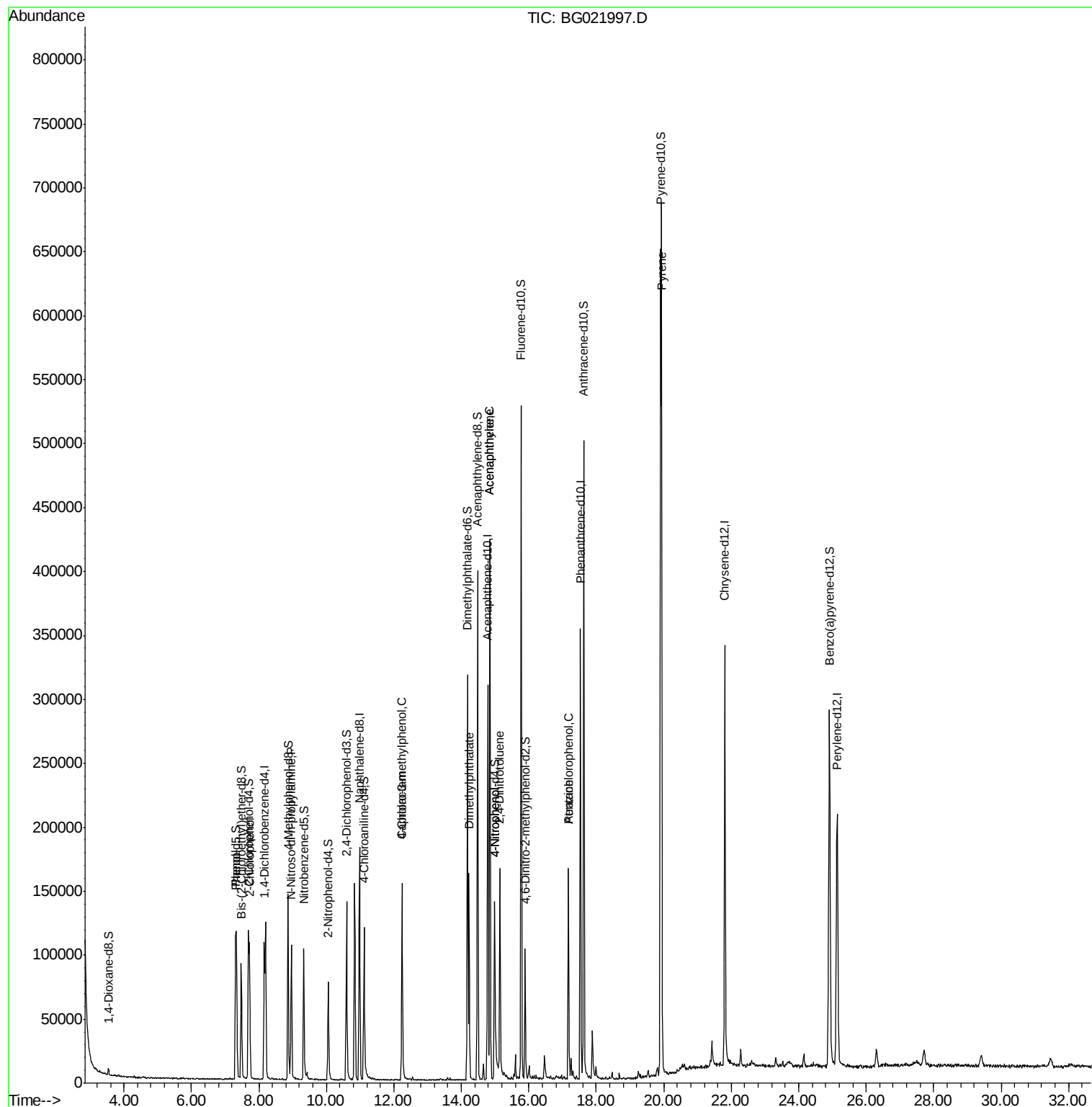
						Qvalue
6) Phenol	7.34	94	78337	21.65	ng/ul	96
10) 2-Chlorophenol	7.72	128	64523	21.79	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.96	70	53230	24.19	ng/ul	97
32) Caprolactam	12.24	113	2116	1.91	ng/ul#	23
33) 4-Chloro-3-methylphenol	12.24	107	72691	24.68	ng/ul	97
45) Dimethylphthalate	14.23	163	126328	14.38	ng/ul	98
48) Acenaphthylene	14.85	152	101490	8.16	ng/ul#	1
50) Acenaphthene	14.85	153	211884	24.66	ng/ul	99
53) 4-Nitrophenol	14.99	109	21360	25.16	ng/ul	93
55) 2,4-Dinitrotoluene	15.14	165	66001	25.97	ng/ul	99
68) Atrazine	17.18	200	7012	2.71	ng/ul#	36
69) Pentachlorophenol	17.17	266	35843	24.71	ng/ul	95
78) Pyrene	19.93	202	415964	25.92	ng/ul	97

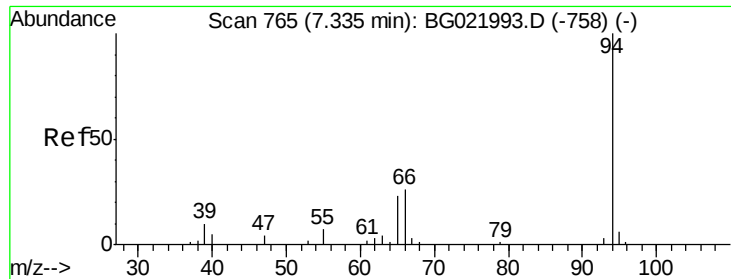
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 21.65 ng/ul

RT: 7.34 min Scan# 765

Delta R.T. 0.00 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

Instrument :

BNA_G

ClientSampleId :

JHGG7

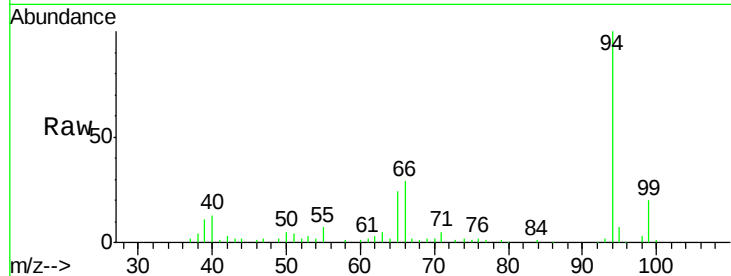
Tgt Ion: 94 Resp: 78337

Ion Ratio Lower Upper

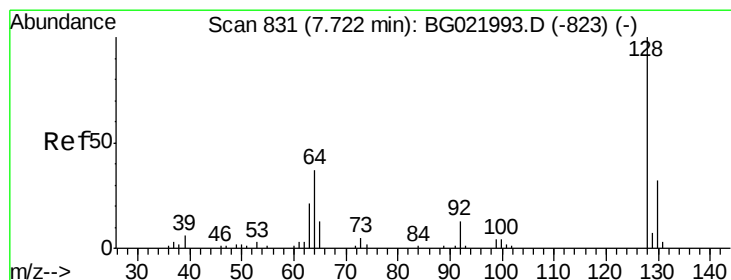
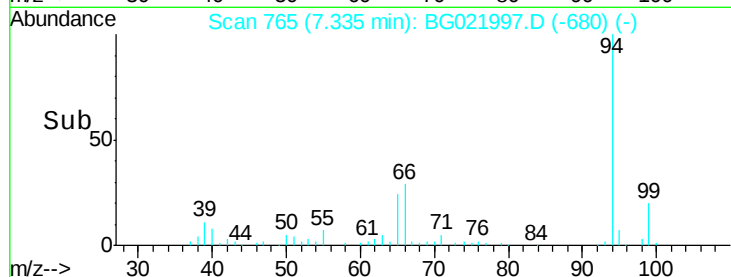
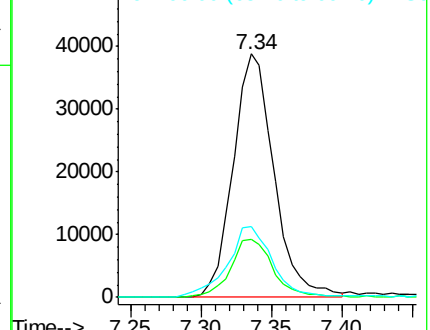
94 100

65 23.6 16.8 25.2

66 29.3 22.6 33.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#10

2-Chlorophenol

Concen: 21.79 ng/ul

RT: 7.72 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

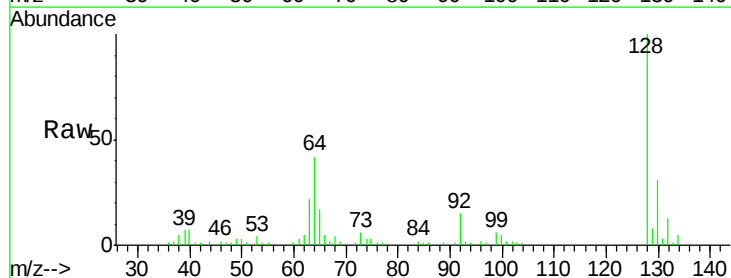
Tgt Ion: 128 Resp: 64523

Ion Ratio Lower Upper

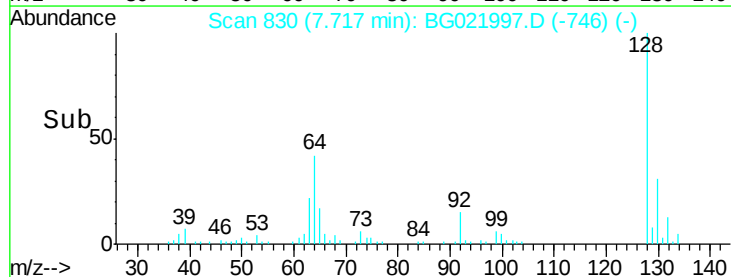
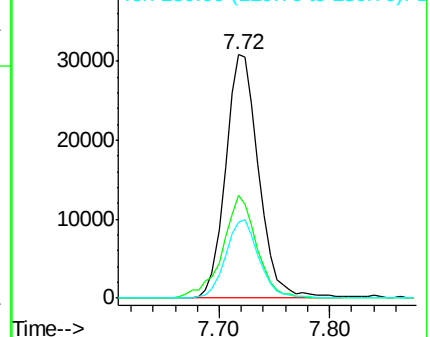
128 100

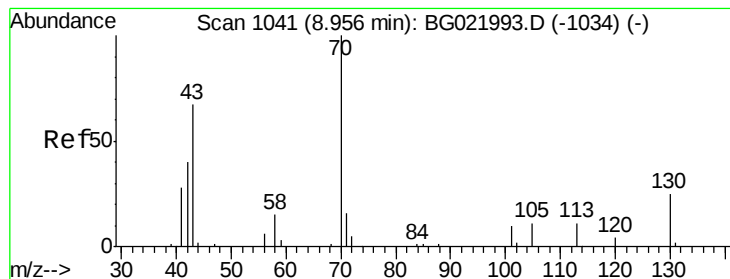
64 42.4 34.2 51.4

130 31.4 27.0 40.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 130.00 (129.70 to 130.70): E





#15

N-Nitroso-di-n-propylamine

Concen: 24.19 ng/ul

RT: 8.96 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

Instrument :

BNA_G

ClientSampleId :

JHGG7

Tgt Ion: 70 Resp: 53230

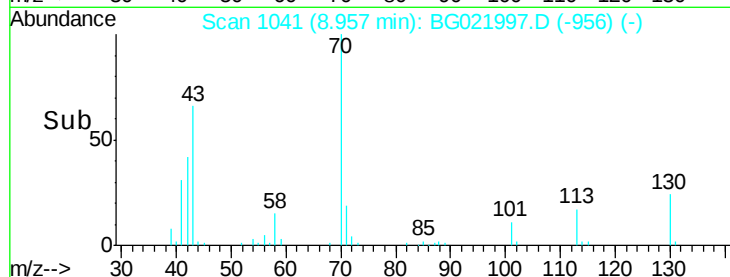
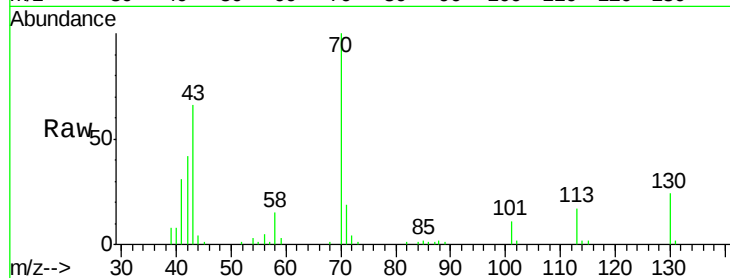
Ion Ratio Lower Upper

70 100

42 42.1 31.4 47.2

101 10.7 8.6 13.0

130 23.9 19.0 28.4

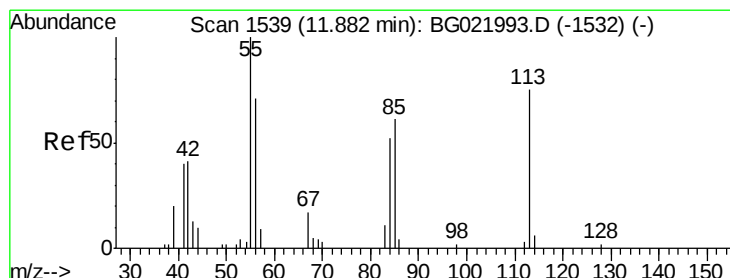
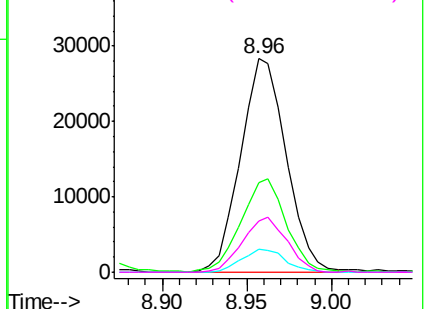


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#32

Caprolactam

Concen: 1.91 ng/ul

RT: 12.24 min Scan# 1600

Delta R.T. 0.36 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

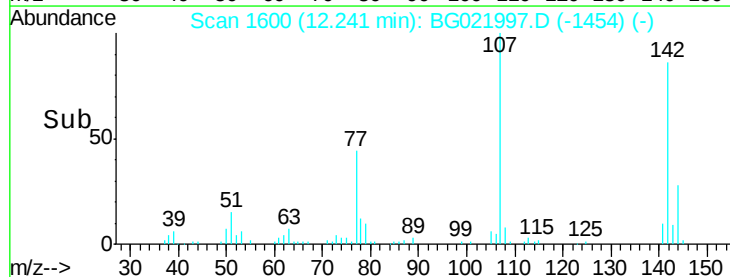
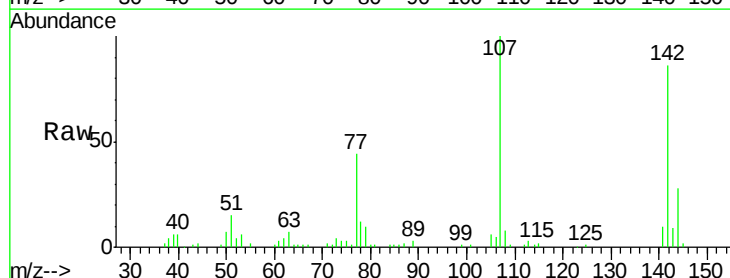
Tgt Ion: 113 Resp: 2116

Ion Ratio Lower Upper

113 100

55 48.9 99.6 149.4#

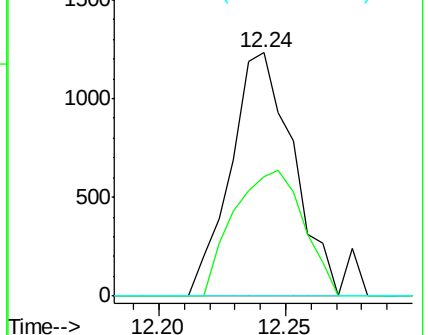
56 0.0 66.4 99.6#

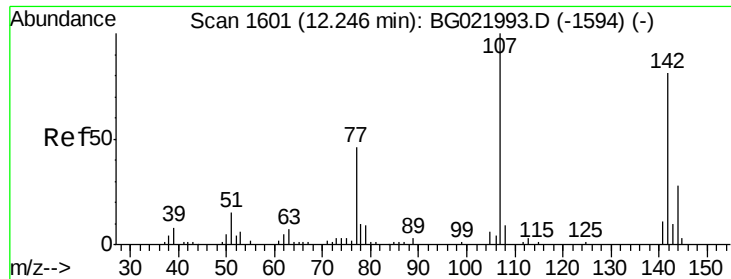


Abundance Ion 113.00 (112.70 to 113.70): BGC

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

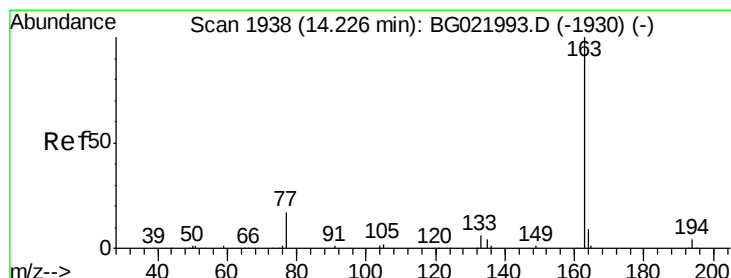
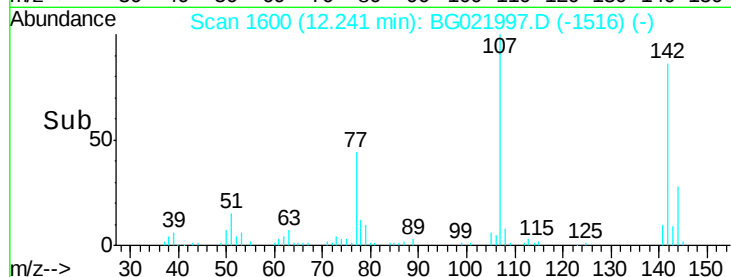
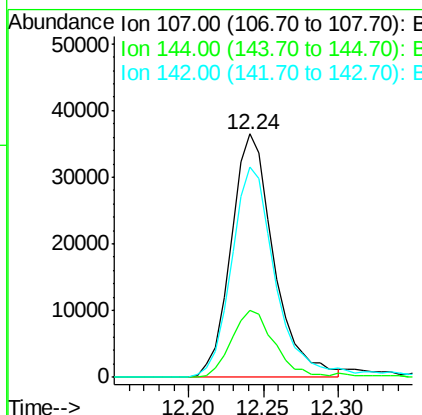
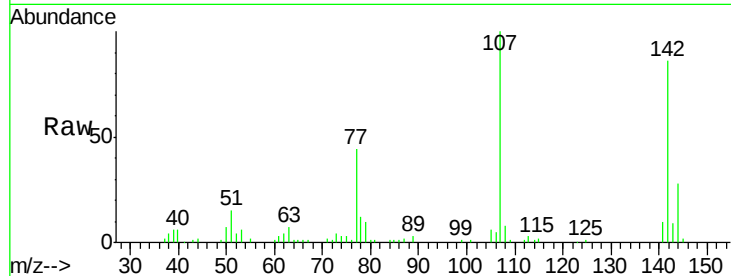




#33
 4-Chloro-3-methylphenol
 Concen: 24.68 ng/ul
 RT: 12.24 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BG021997.D
 Acq: 22 May 2016 4:39

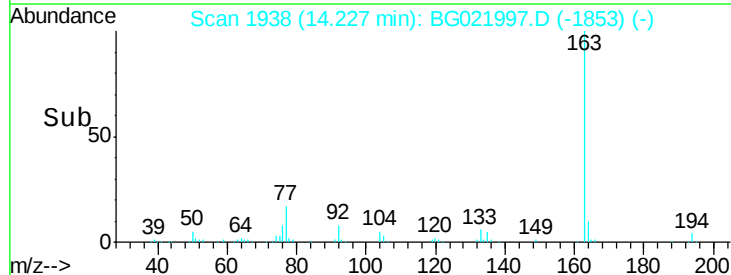
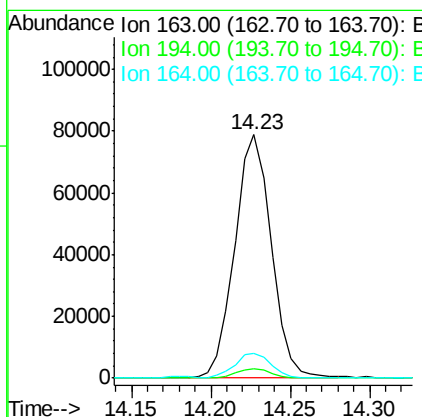
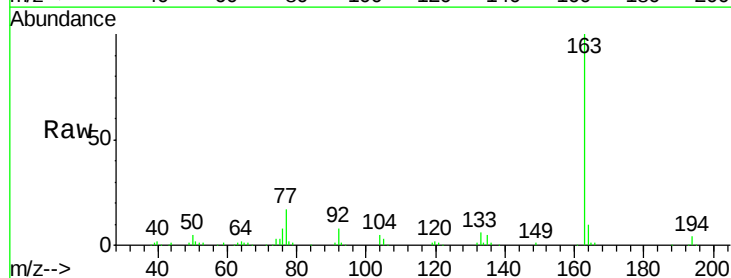
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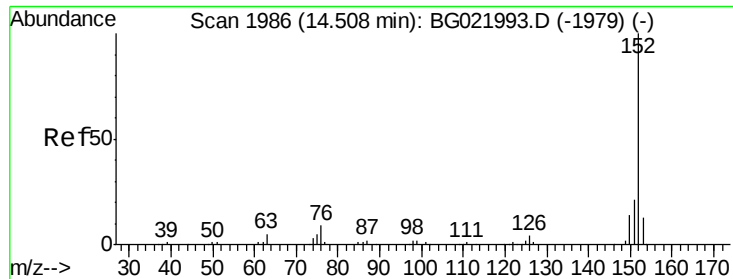
Tgt Ion:107 Resp: 72691
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.7 34.1
 142 86.2 71.6 107.4



#45
 Dimethylphthalate
 Concen: 14.38 ng/ul
 RT: 14.23 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BG021997.D
 Acq: 22 May 2016 4:39

Tgt Ion:163 Resp: 126328
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.2
 164 10.3 8.8 13.2





#48

Acenaphthylene

Concen: 8.16 ng/ul

RT: 14.85 min Scan# 2044

Delta R.T. 0.34 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

Instrument :

BNA_G

ClientSampleId :

JHGG7

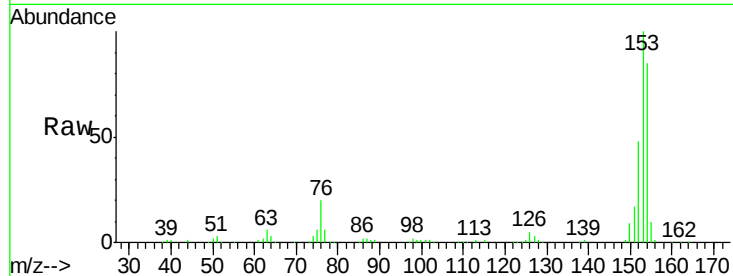
Tgt Ion:152 Resp: 101490

Ion Ratio Lower Upper

152 100

151 36.7 17.5 26.3#

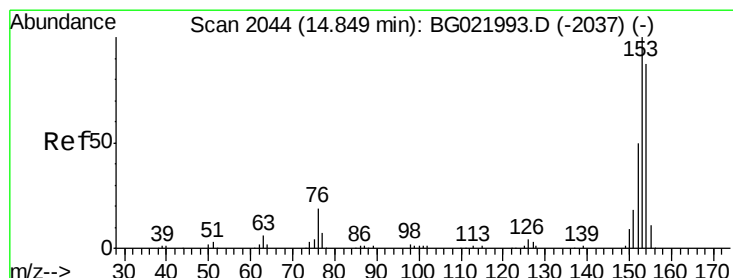
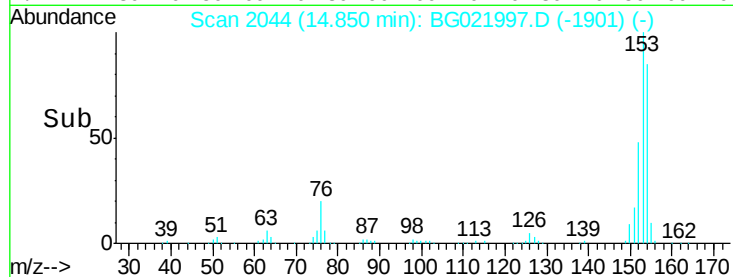
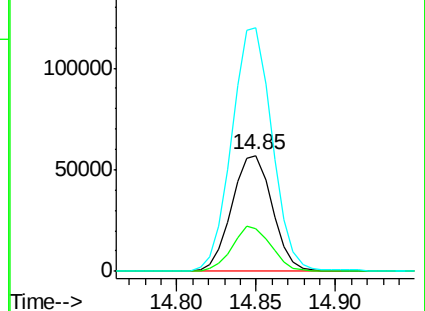
153 209.7 11.1 16.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 24.66 ng/ul

RT: 14.85 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

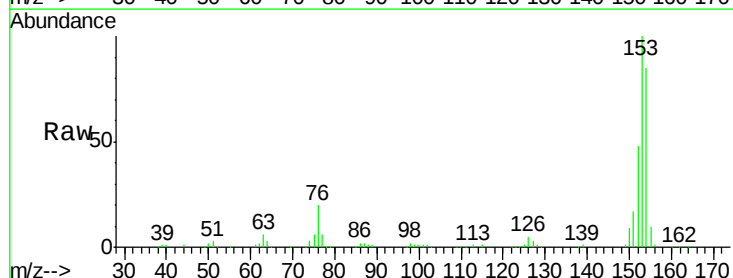
Tgt Ion:153 Resp: 211884

Ion Ratio Lower Upper

153 100

152 47.7 37.3 55.9

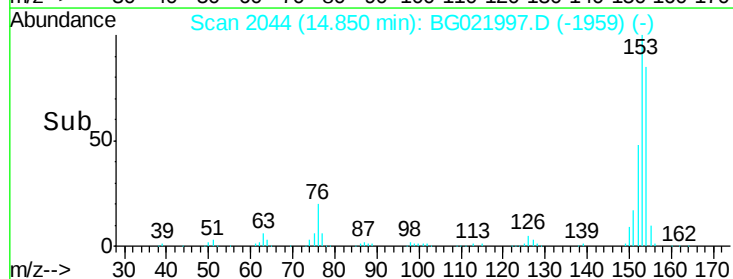
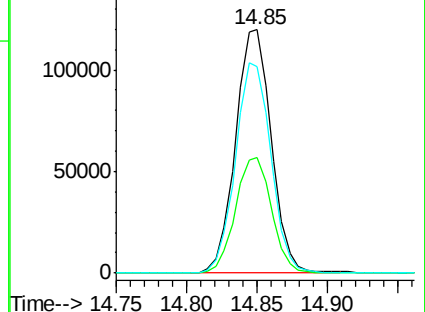
154 85.0 68.2 102.2

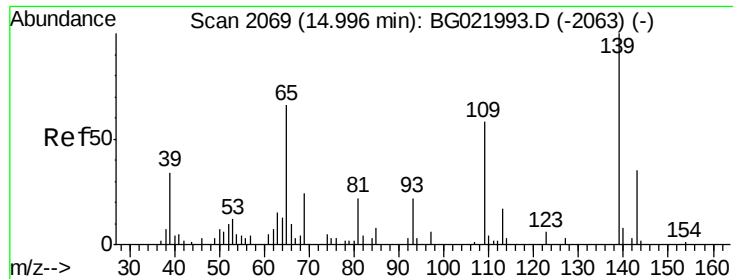


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 25.16 ng/ul

RT: 14.99 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

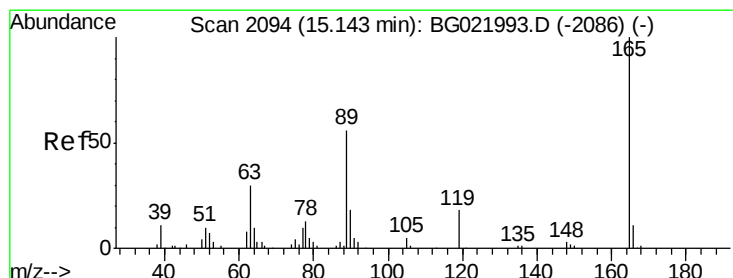
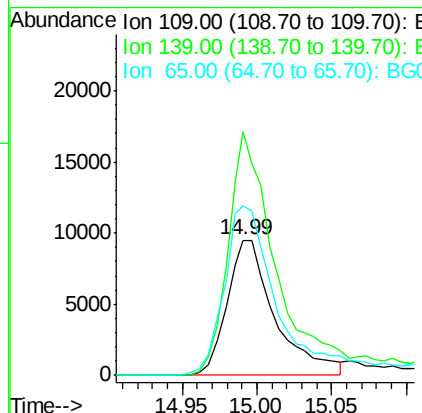
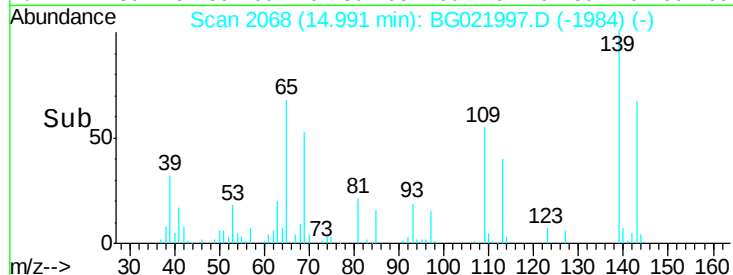
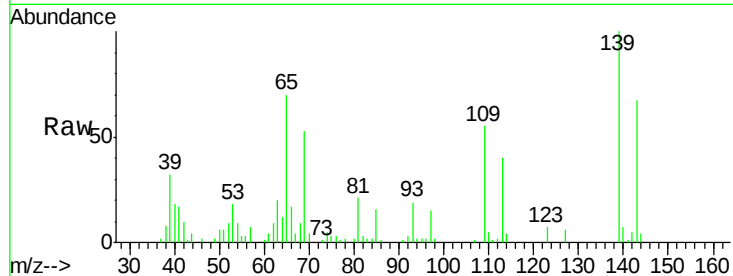
Instrument :

BNA_G

ClientSampleId :

JHGG7

Tgt Ion:109 Resp: 21360
 Ion Ratio Lower Upper
 109 100
 139 180.5 136.1 204.1
 65 125.5 106.0 159.0



#55

2,4-Dinitrotoluene

Concen: 25.97 ng/ul

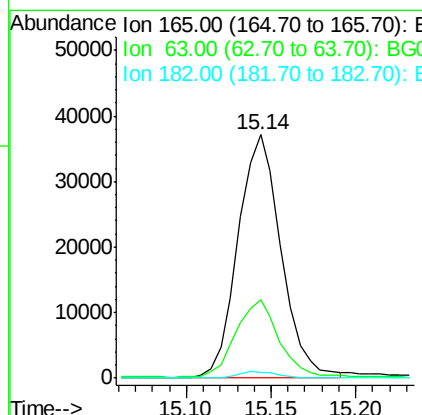
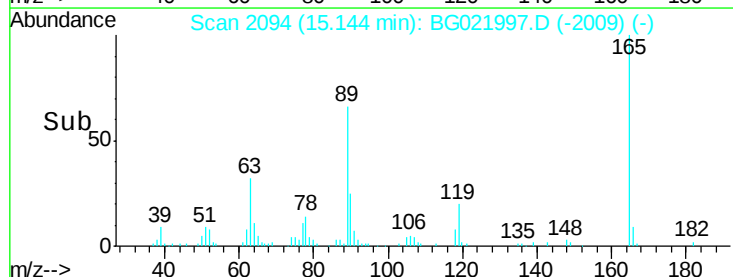
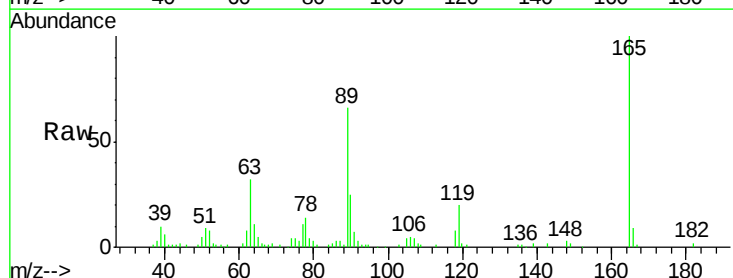
RT: 15.14 min Scan# 2094

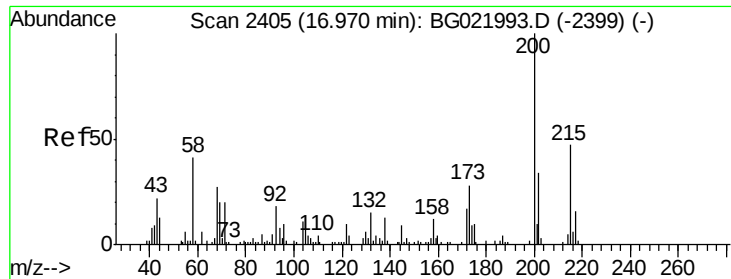
Delta R.T. 0.00 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

Tgt Ion:165 Resp: 66001
 Ion Ratio Lower Upper
 165 100
 63 32.4 25.7 38.5
 182 2.2 2.1 3.1





#68

Atrazine

Concen: 2.71 ng/ul

RT: 17.18 min Scan# 2440

Delta R.T. 0.21 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

Instrument :

BNA_G

ClientSampled :

JHGG7

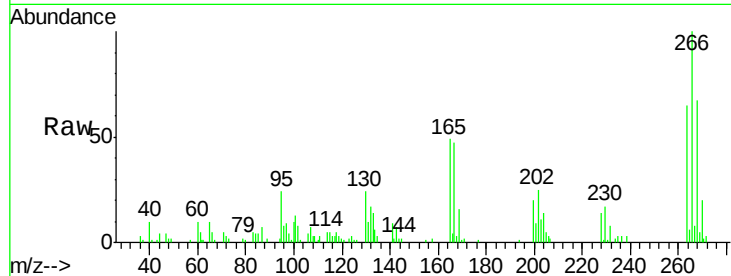
Tgt Ion:200 Resp: 7012

Ion Ratio Lower Upper

200 100

173 0.0 21.0 31.6#

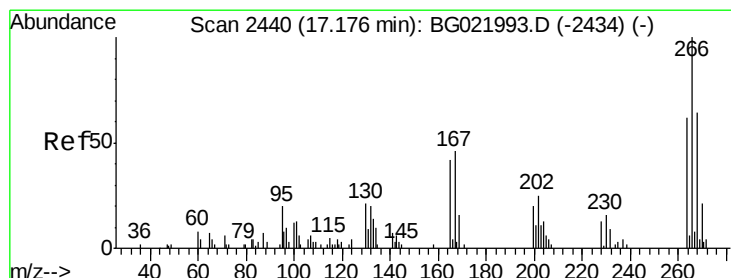
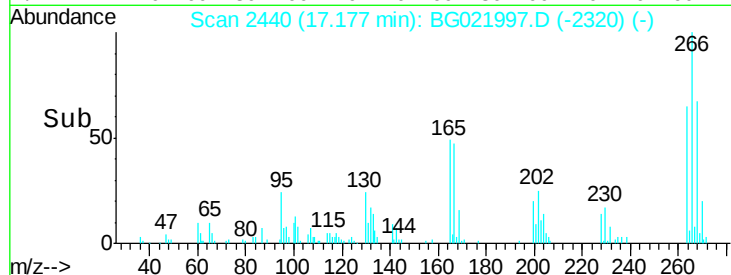
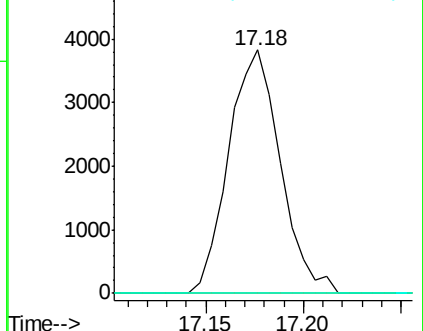
215 0.0 37.9 56.9#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 24.71 ng/ul

RT: 17.17 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG021997.D

Acq: 22 May 2016 4:39

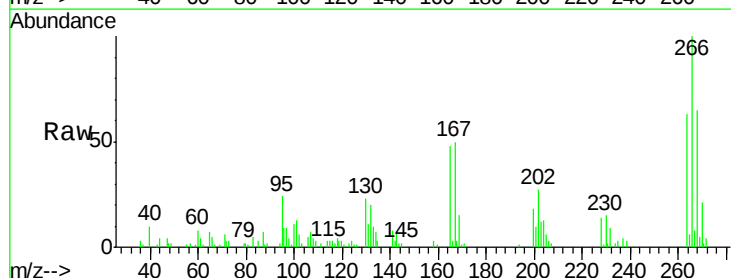
Tgt Ion:266 Resp: 35843

Ion Ratio Lower Upper

266 100

264 62.8 54.7 82.1

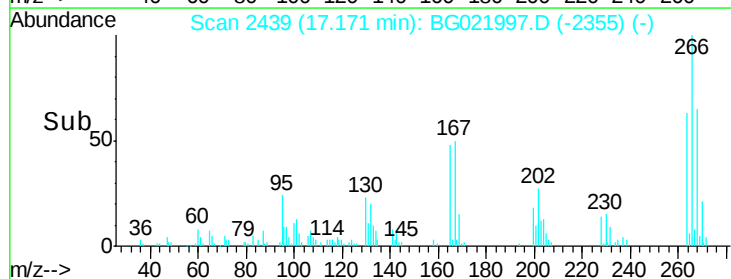
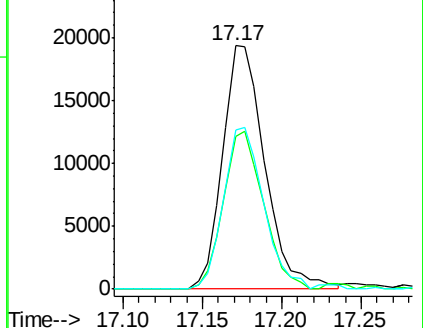
268 70.2 57.8 86.8

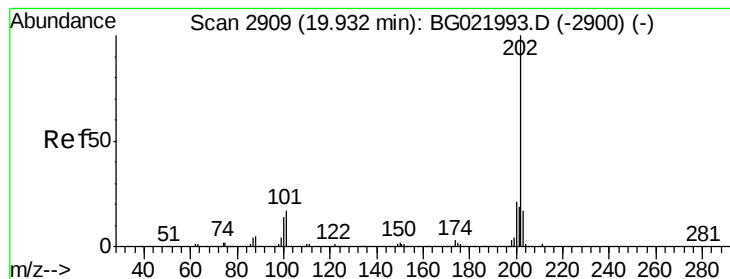


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#78

Pyrene

Concen: 25.92 ng/ul

RT: 19.93 min Scan# 2909

Delta R.T. 0.00 min

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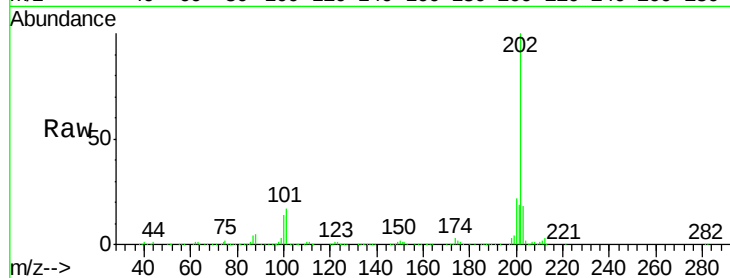
Tgt Ion: 202 Resp: 415964

Ion Ratio Lower Upper

202 100

101 16.8 12.5 18.7

100 13.8 10.2 15.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

