

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
 Data File : BM001070.D
 Acq On : 20 Apr 2015 17:50
 Operator : TP/IZ
 Sample : G1830-02RX
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 21 03:30:39 2015
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 21 03:16:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	203155	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	826818	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	469873	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.00	188	967327	20.00	ng/ul	0.02
75) Chrysene-d12	21.20	240	1022660	20.00	ng/ul	0.01
83) Perylene-d12	23.39	264	1005460	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	226	0.05	ng/uL	-0.04
5) Phenol-d5	6.75	99	232956	14.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	158616	16.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	195623	15.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	184203	14.73	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	90166	16.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	98367	15.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	180154	14.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	194054	16.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	543836	17.37	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	700692	15.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	133302	21.90	ng/ul	0.00
57) Fluorene-d10	15.24	176	486045	15.62	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.38	200	30606	5.83	ng/ul	0.02
70) Anthracene-d10	17.10	188	720785	16.46	ng/ul	0.02
76) Pyrene-d10	19.40	212	772042	16.26	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.24	264	698203	15.51	ng/ul	0.03

Target Compounds

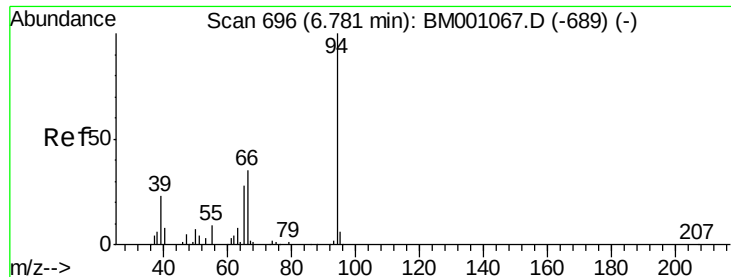
					Qvalue
6) Phenol	6.78	94	31257	1.86 ng/ul	97
14) Acetophenone	8.37	105	124958	6.16 ng/ul#	45
17) Hexachloroethane	8.67	117	15898	3.01 ng/ul#	6
21) Isophorone	9.27	82	49974	1.96 ng/ul#	1
24) 2,4-Dimethylphenol	9.56	107	14629	1.01 ng/ul#	68
32) Caprolactam	11.28	113	23637	7.35 ng/ul#	1
34) 2-Methylnaphthalene	12.03	142	58192	1.94 ng/ul	97
40) 1,1'-Biphenyl	13.07	154	60848	1.55 ng/ul#	69
44) Dimethylphthalate	13.70	163	92910	2.65 ng/ul#	85
45) 2,6-Dinitrotoluene	13.85	165	18519	2.84 ng/ul#	36
48) 3-Nitroaniline	14.15	138	24652	3.96 ng/ul#	52
49) Acenaphthene	14.30	153	63610	1.98 ng/ul#	84
52) 4-Nitrophenol	14.49	109	8729	1.90 ng/ul#	7
53) Dibenzofuran	14.66	168	108888	2.44 ng/ul#	17
54) 2,4-Dinitrotoluene	14.62	165	15436	1.59 ng/ul#	57
58) Fluorene	15.28	166	109148	2.97 ng/ul#	23
60) 4-Nitroaniline	15.36	138	13671	1.77 ng/ul#	10
63) 4,6-Dinitro-2-methylphenol	15.44	198	12819	2.26 ng/ul#	1
64) N-Nitrosodiphenylamine	15.52	169	1236112	41.47 ng/ul#	44
67) Atrazine	16.47	200	49171	5.15 ng/ul#	40
69) Phenanthrene	17.04	178	204247	3.77 ng/ul#	38
71) Anthracene	17.16	178	201830	3.66 ng/ul#	1
73) Di-n-butylphthalate	17.97	149	64206	1.18 ng/ul#	20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) Fluoranthene	19.07	202	187525	3.21	ng/ul#	74
77) Pyrene	19.43	202	761417	11.72	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.12	149	359093	10.06	ng/ul#	85

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



#6

Phenol

Concen: 1.86 ng/ul

RT: 6.78 min Scan# 696

Delta R.T. -0.00 min

Lab File: BM001070.D

Acq: 20 Apr 2015 17:50

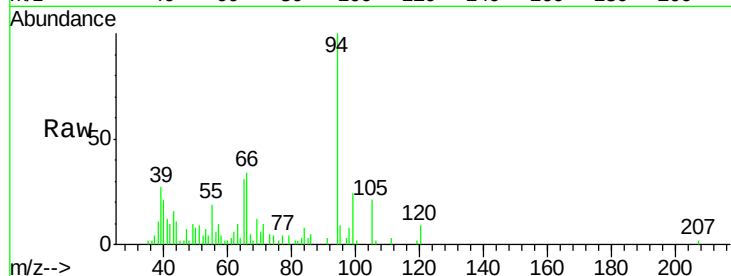
Tgt Ion: 94 Resp: 31257

Ion Ratio Lower Upper

94 100

65 30.6 24.9 37.3

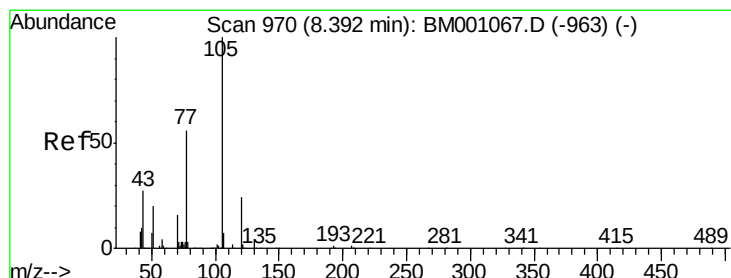
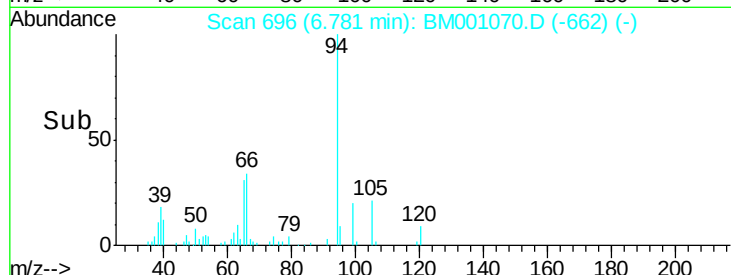
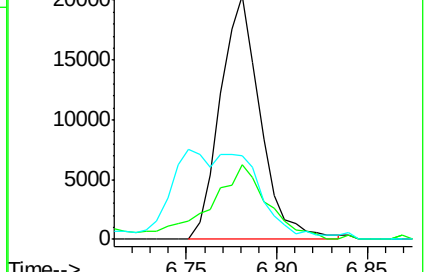
66 34.5 29.8 44.8



Abundance Ion 94.00 (93.70 to 94.70): BM001067.D (-689) (-)

Ion 65.00 (64.70 to 65.70): BM001067.D (-689) (-)

Ion 66.00 (65.70 to 66.70): BM001067.D (-689) (-)



#14

Acetophenone

Concen: 6.16 ng/ul

RT: 8.37 min Scan# 967

Delta R.T. -0.02 min

Lab File: BM001070.D

Acq: 20 Apr 2015 17:50

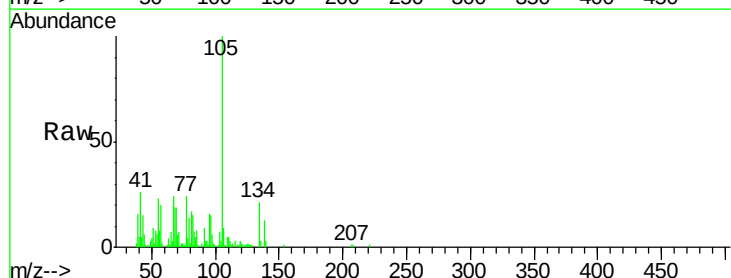
Tgt Ion: 105 Resp: 124958

Ion Ratio Lower Upper

105 100

77 23.6 61.5 92.3#

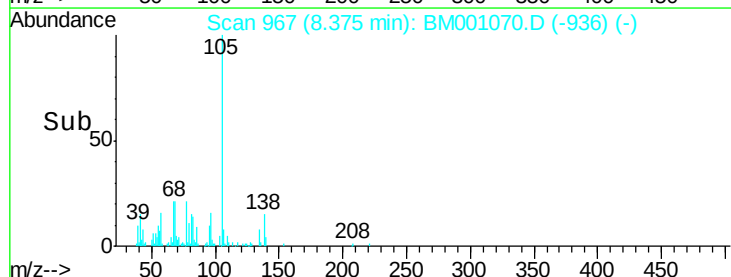
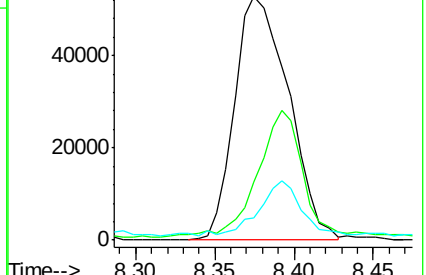
51 9.2 24.5 36.7#

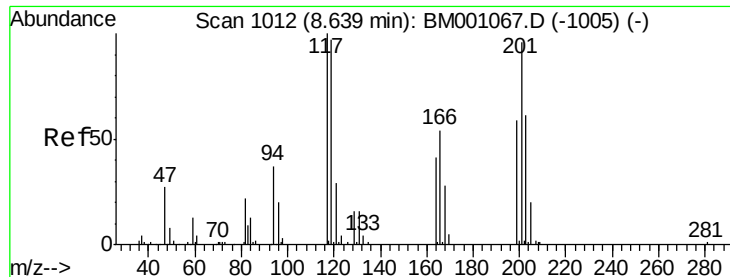


Abundance Ion 105.00 (104.70 to 105.70): BM001067.D (-963) (-)

Ion 77.00 (76.70 to 77.70): BM001067.D (-963) (-)

Ion 51.00 (50.70 to 51.70): BM001067.D (-963) (-)





#17

Hexachloroethane

Concen: 3.01 ng/ul

RT: 8.67 min Scan# 1018

Delta R.T. 0.04 min

Lab File: BM001070.D

Acq: 20 Apr 2015 17:50

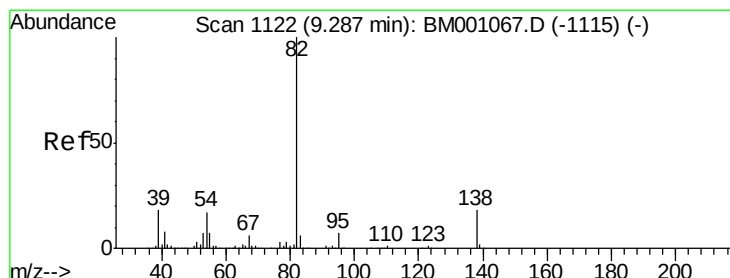
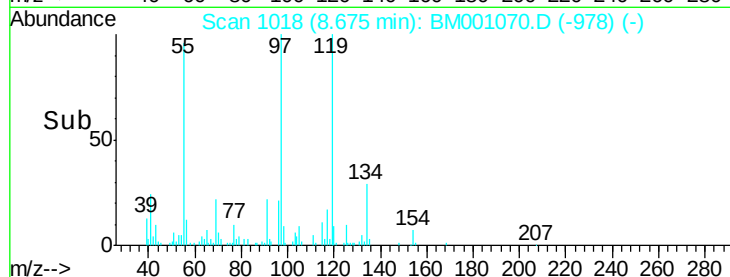
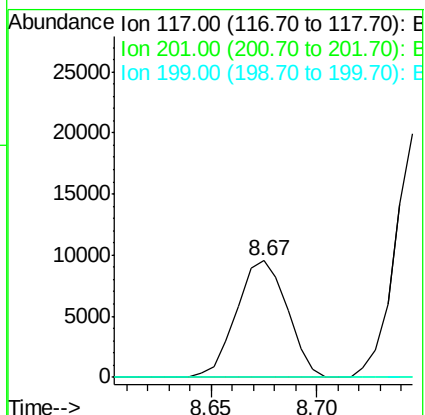
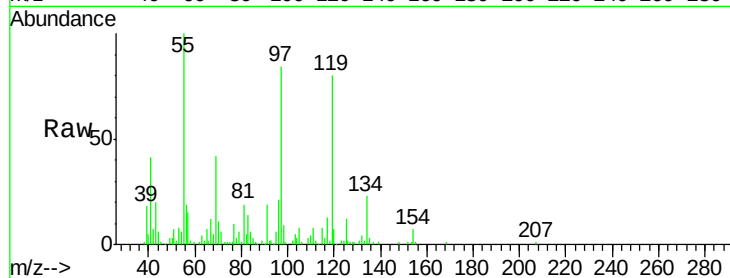
Tgt Ion: 117 Resp: 15898

Ion Ratio Lower Upper

117 100

201 0.0 81.8 122.8#

199 0.0 51.8 77.6#



#21

Isophorone

Concen: 1.96 ng/ul

RT: 9.27 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM001070.D

Acq: 20 Apr 2015 17:50

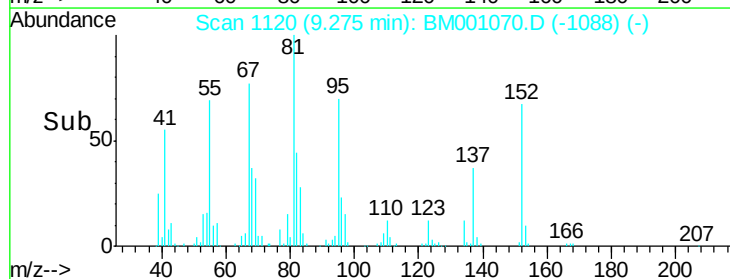
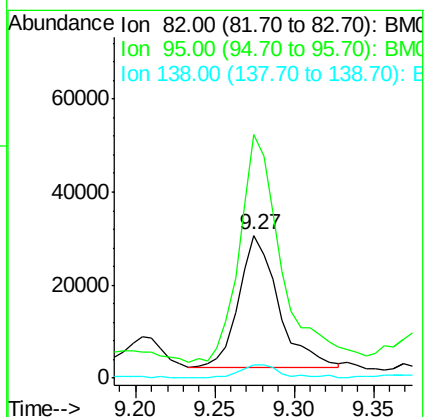
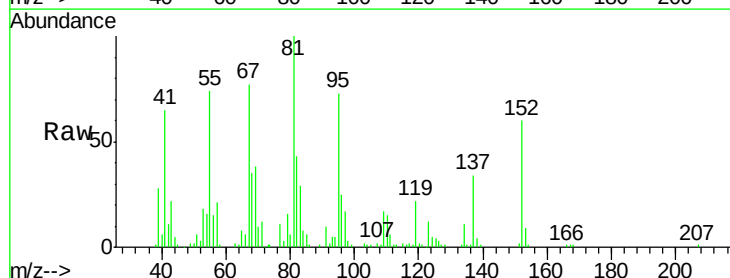
Tgt Ion: 82 Resp: 49974

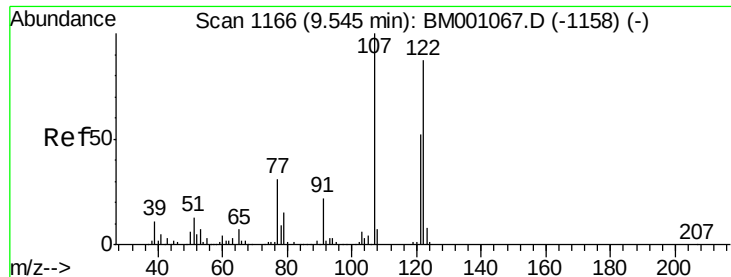
Ion Ratio Lower Upper

82 100

95 170.5 5.7 8.5#

138 9.0 14.8 22.2#





#24

2,4-Dimethylphenol

Concen: 1.01 ng/ul

RT: 9.56 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BM001070.D

Acq: 20 Apr 2015 17:50

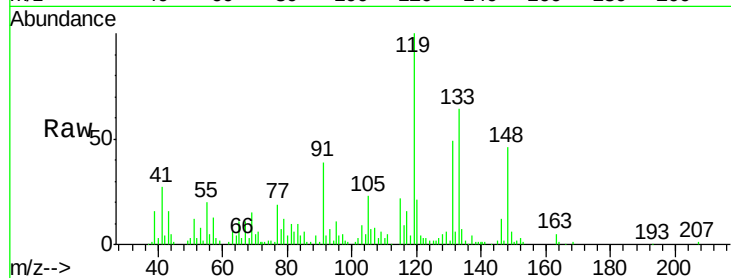
Tgt Ion:107 Resp: 14629

Ion Ratio Lower Upper

107 100

121 50.4 38.2 57.4

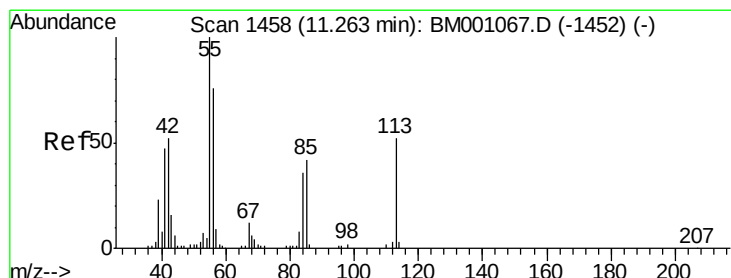
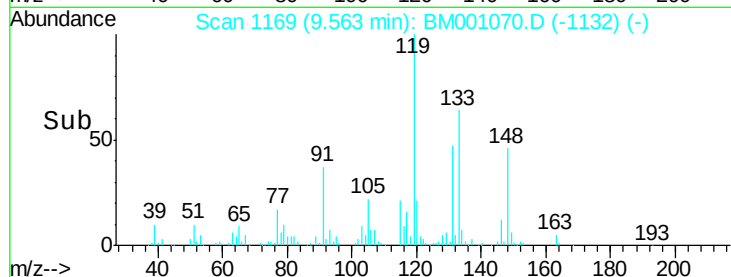
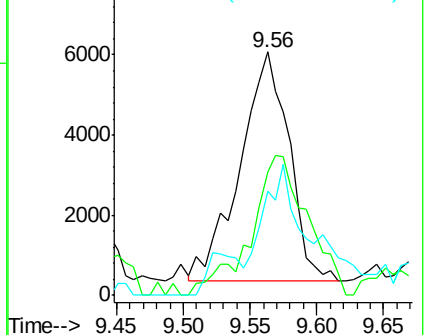
122 42.7 69.0 103.4#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Caprolactam

Concen: 7.35 ng/ul

RT: 11.28 min Scan# 1461

Delta R.T. 0.02 min

Lab File: BM001070.D

Acq: 20 Apr 2015 17:50

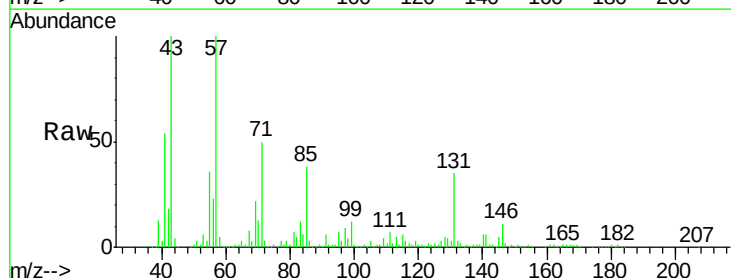
Tgt Ion:113 Resp: 23637

Ion Ratio Lower Upper

113 100

55 764.2 154.3 231.5#

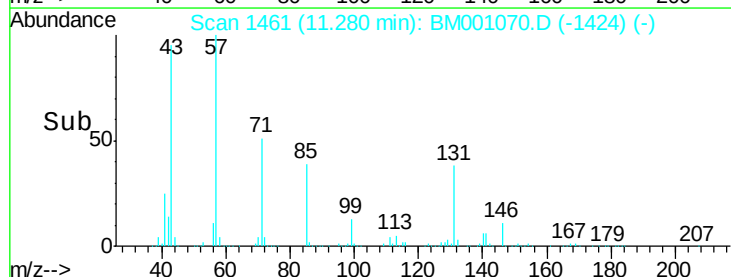
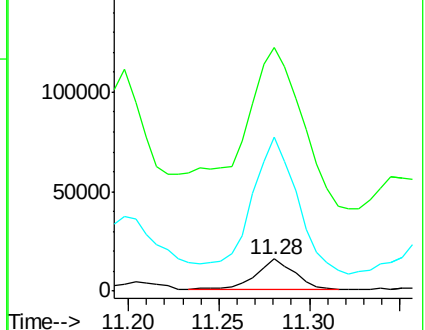
56 483.6 111.6 167.4#

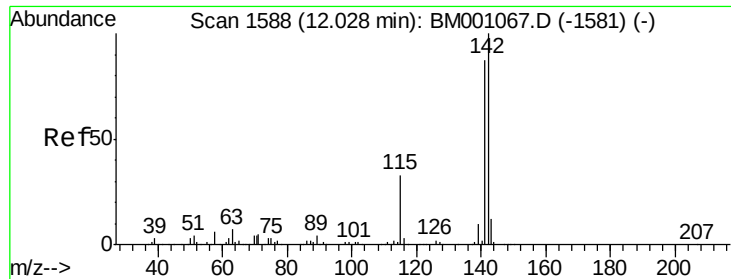


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

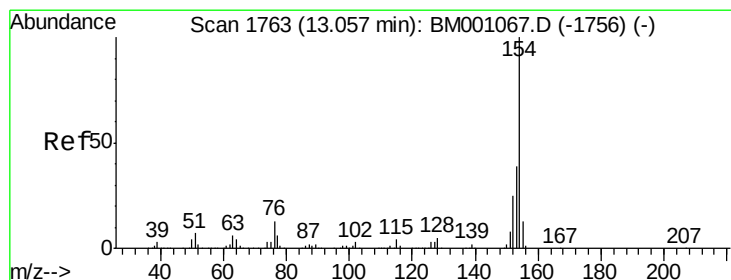
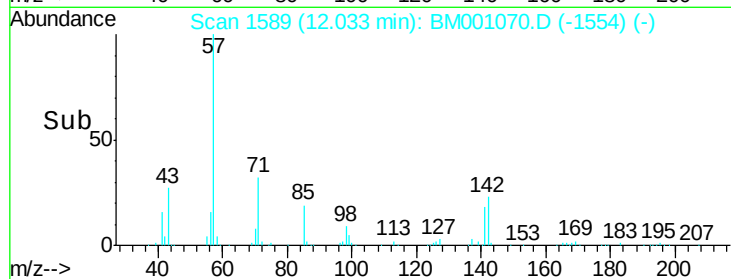
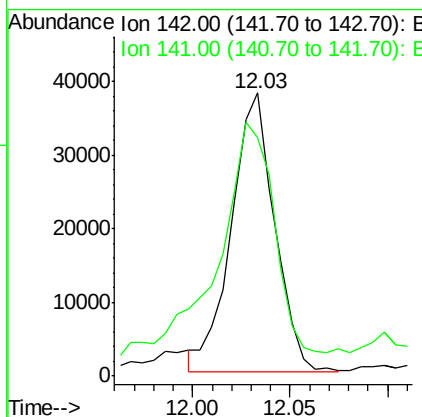
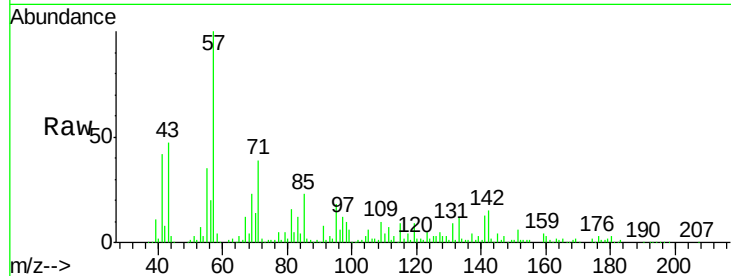
Ion 56.00 (55.70 to 56.70): BM0





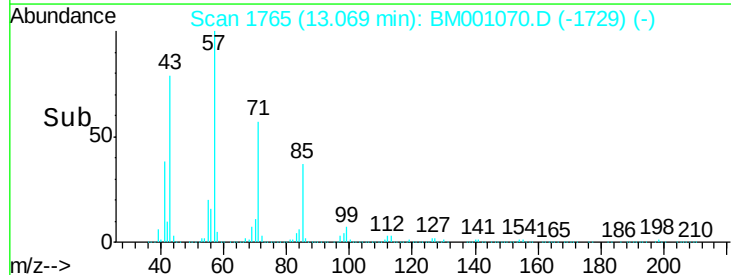
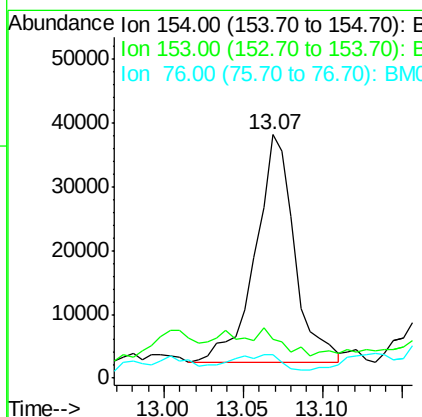
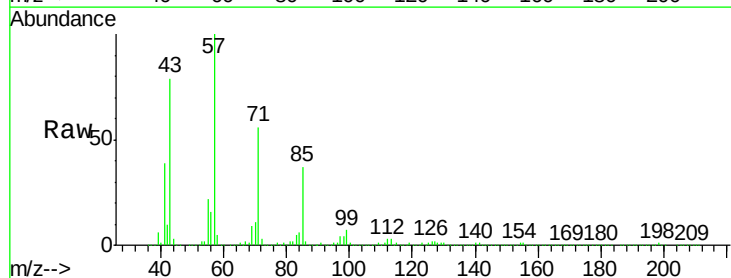
#34
 2-Methylnaphthalene
 Concen: 1.94 ng/ul
 RT: 12.03 min Scan# 1589
 Delta R.T. 0.01 min
 Lab File: BM001070.D
 Acq: 20 Apr 2015 17:50

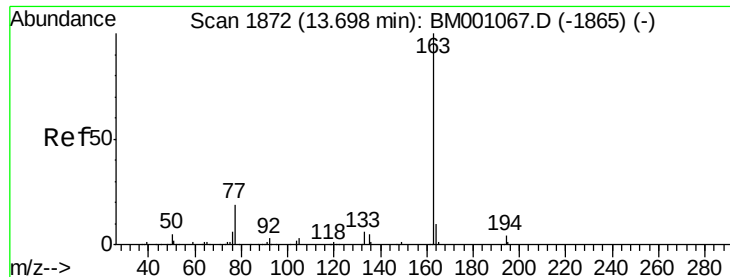
Tgt Ion:142 Resp: 58192
 Ion Ratio Lower Upper
 142 100
 141 84.4 69.8 104.8



#40
 1,1'-Biphenyl
 Concen: 1.55 ng/ul
 RT: 13.07 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BM001070.D
 Acq: 20 Apr 2015 17:50

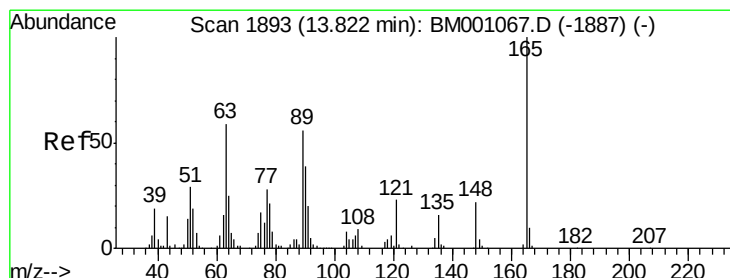
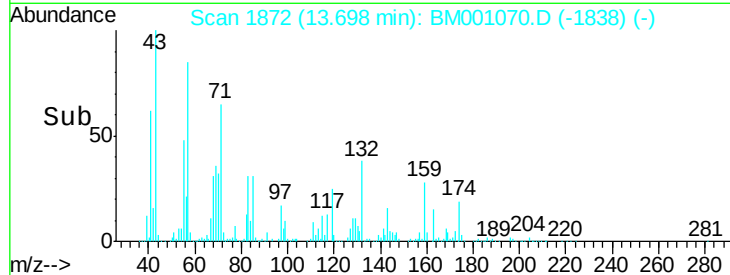
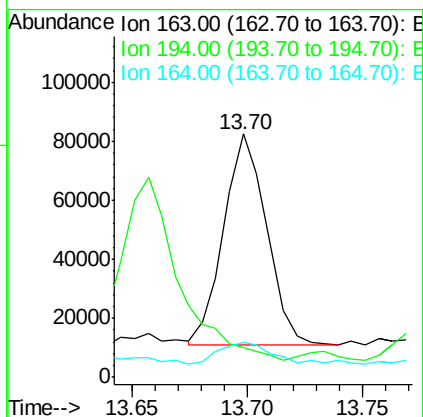
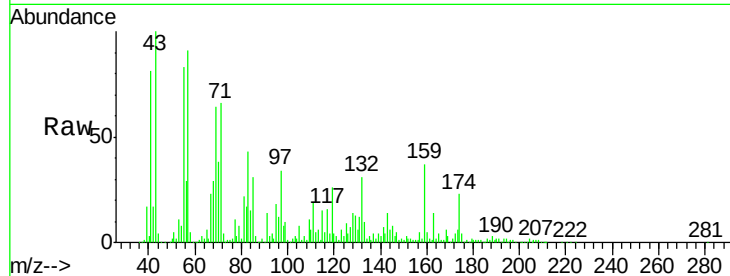
Tgt Ion:154 Resp: 60848
 Ion Ratio Lower Upper
 154 100
 153 15.8 31.1 46.7#
 76 9.5 10.3 15.5#





#44
Dimethylphthalate
Concen: 2.65 ng/ul
RT: 13.70 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM001070.D
Acq: 20 Apr 2015 17:50

Tgt Ion:163 Resp: 92910
Ion Ratio Lower Upper
163 100
194 12.1 3.0 4.4#
164 14.4 8.2 12.4#



#45
2,6-Dinitrotoluene
Concen: 2.84 ng/ul
RT: 13.85 min Scan# 1898
Delta R.T. 0.03 min
Lab File: BM001070.D
Acq: 20 Apr 2015 17:50

Tgt Ion:165 Resp: 18519
Ion Ratio Lower Upper
165 100
89 19.5 47.4 71.2#
121 66.6 17.8 26.6#

