

Data File : BM009890.D
Acq On : 04 May 2017 15:45
Operator : SJ/MA
Sample : I2867-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHT93

Quant Time: May 05 01:34:59 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 05 01:34:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	127538	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	531929	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	331815	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	814579	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	850961	20.00	ng/ul	0.01
83) Perylene-d12	23.73	264	742001	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	7273	2.63	ng/uL	0.00
5) Phenol-d5	6.99	99	210303	15.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	162562	17.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	142464	16.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	157780	14.61	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	71127	16.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	78231	17.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	149874	16.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	87479	7.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	471227	16.33	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	626836	18.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	9484	1.70	ng/ul	-0.02
57) Fluorene-d10	15.46	176	451538	17.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	3185	0.55	ng/ul	0.01
70) Anthracene-d10	17.32	188	747090	17.86	ng/ul	0.00
76) Pyrene-d10	19.62	212	788837	21.00	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.58	264	637162	17.66	ng/ul	0.02

Target Compounds

						Qvalue
17) Hexachloroethane	8.90	117	5233	1.25	ng/ul#	11
32) Caprolactam	11.59	113	15787	4.66	ng/ul#	1
44) Dimethylphthalate	13.91	163	91629	3.21	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	11196	1.95	ng/ul#	22
48) 3-Nitroaniline	14.40	138	18567	3.28	ng/ul#	8
52) 4-Nitrophenol	14.73	109	6795	1.06	ng/ul#	42
64) N-Nitrosodiphenylamine	15.72	169	176599	7.07	ng/ul#	32
77) Pyrene	19.65	202	85382	1.78	ng/ul#	45

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

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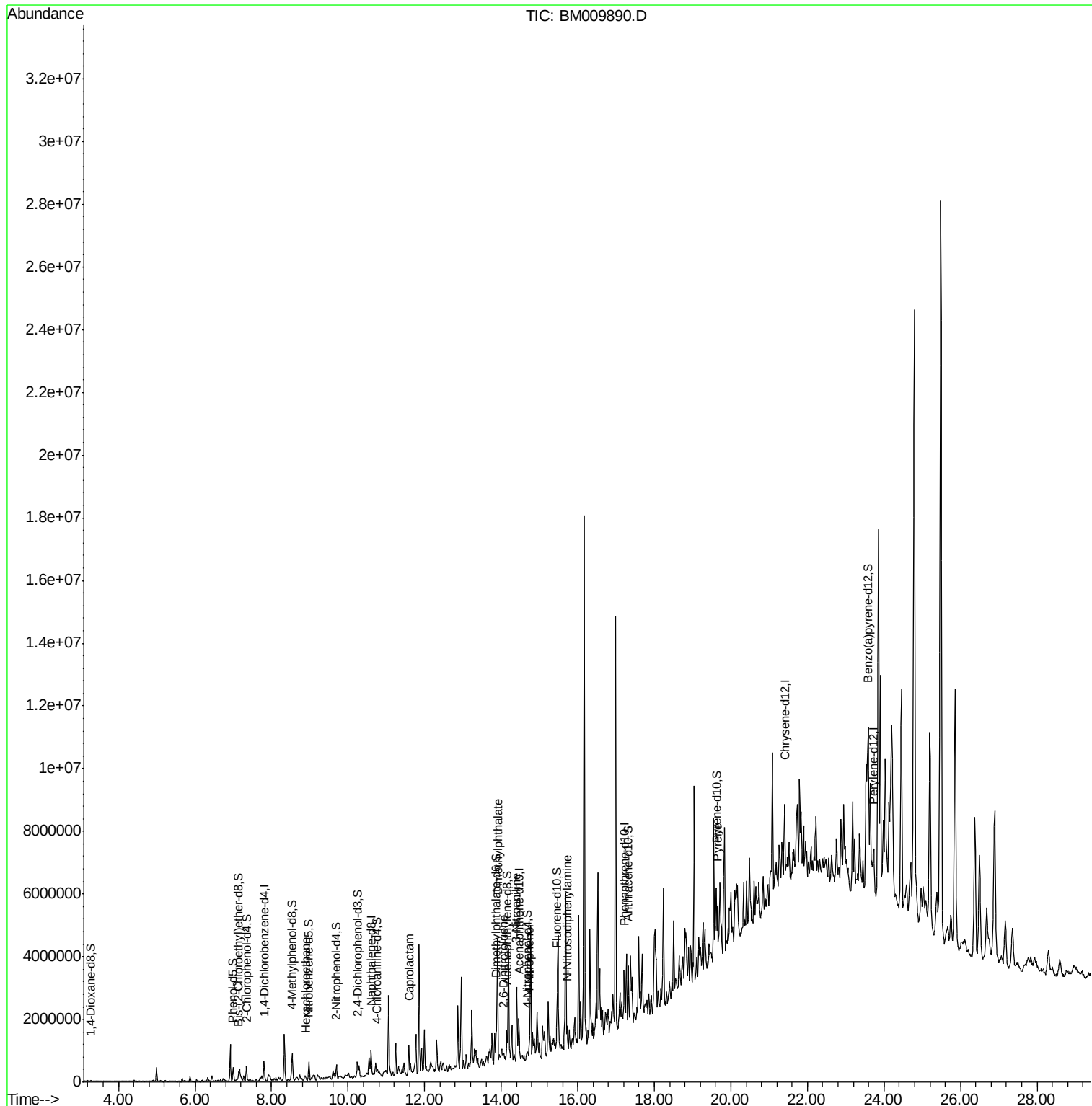
Quant Time: May 05 01:34:59 2017

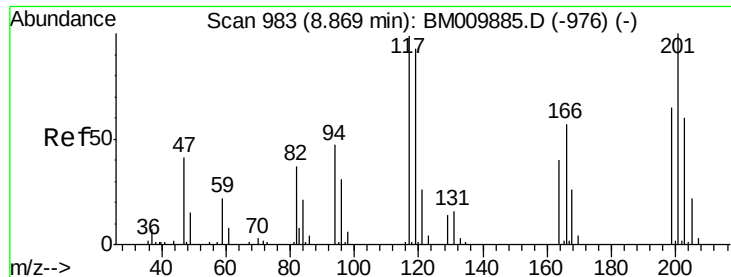
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M

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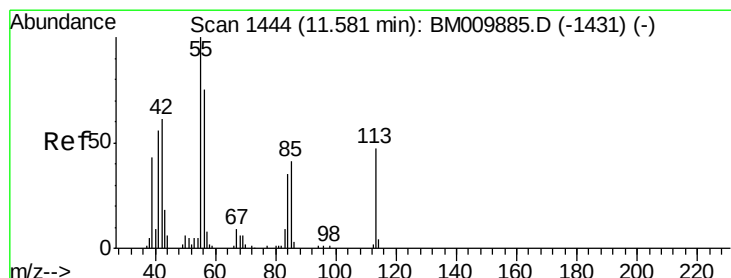
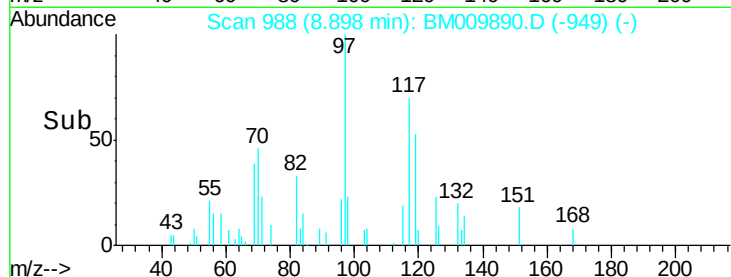
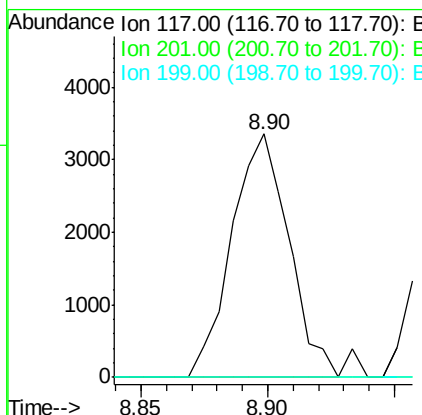
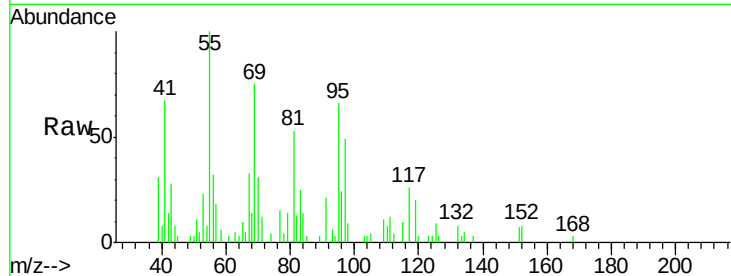




#17
Hexachloroethane
Concen: 1.25 ng/ul
RT: 8.90 min Scan# 988
Delta R.T. 0.03 min
Lab File: BM009890.D
Acq: 04 May 2017 15:45

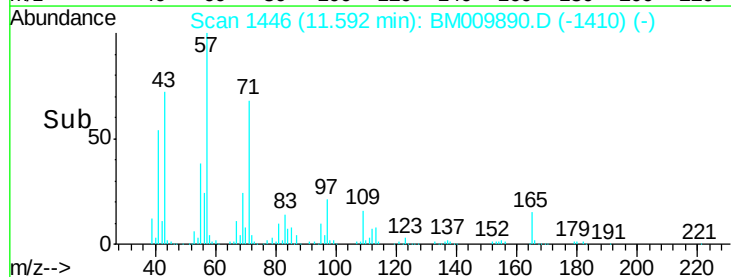
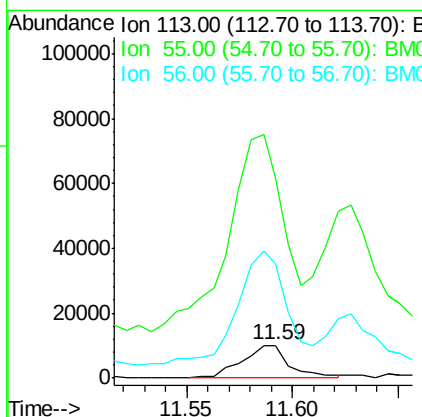
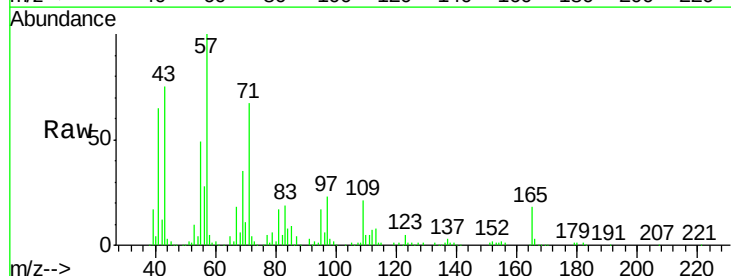
Instrument :
BNA_M
ClientSampleId :
JHT93

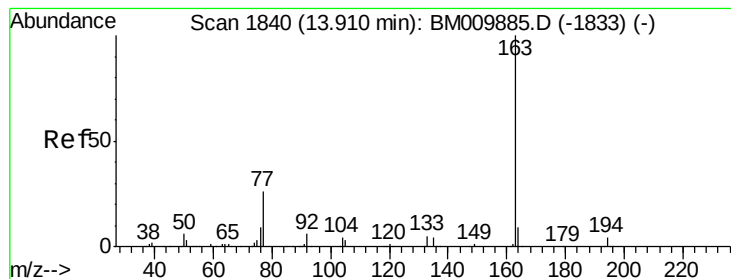
Tgt Ion:117 Resp: 5233
Ion Ratio Lower Upper
117 100
201 0.0 71.0 106.6#
199 0.0 47.8 71.8#



#32
Caprolactam
Concen: 4.66 ng/ul
RT: 11.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BM009890.D
Acq: 04 May 2017 15:45

Tgt Ion:113 Resp: 15787
Ion Ratio Lower Upper
113 100
55 612.7 189.3 283.9#
56 352.4 165.8 248.6#





#44

Dimethylphthalate

Concen: 3.21 ng/ul

RT: 13.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BM009890.D

Acq: 04 May 2017 15:45

Instrument :

BNA_M

ClientSampleId :

JHT93

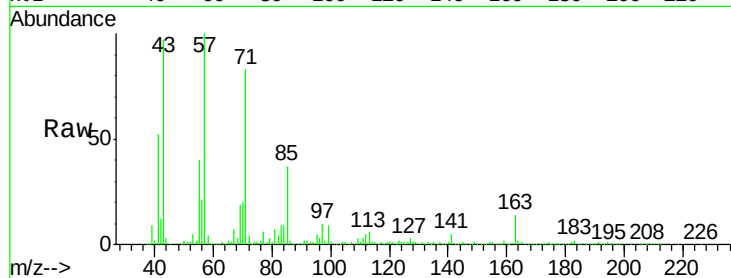
Tgt Ion:163 Resp: 91629

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.6

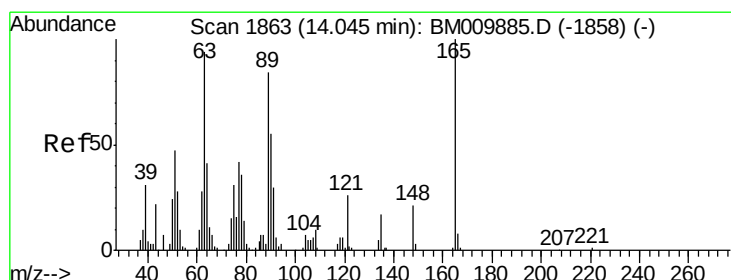
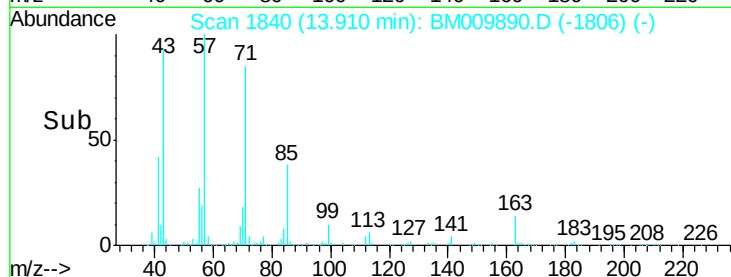
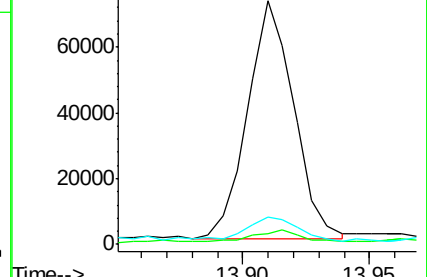
164 11.1 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 1.95 ng/ul

RT: 14.04 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BM009890.D

Acq: 04 May 2017 15:45

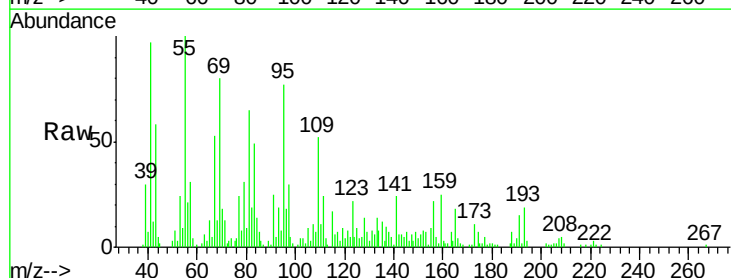
Tgt Ion:165 Resp: 11196

Ion Ratio Lower Upper

165 100

89 16.4 89.4 134.0#

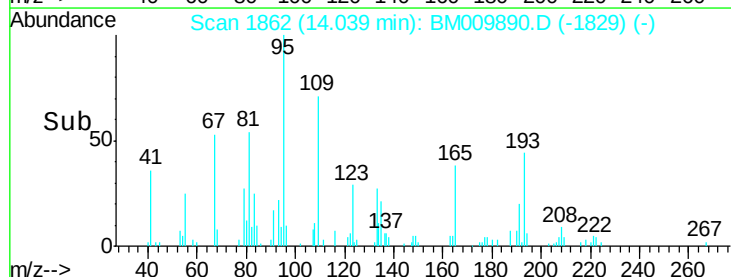
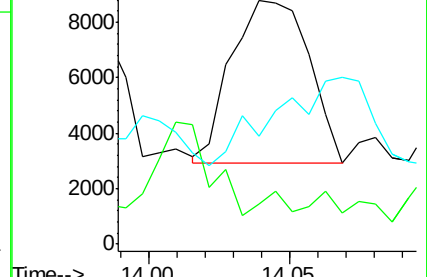
121 44.2 21.6 32.4#

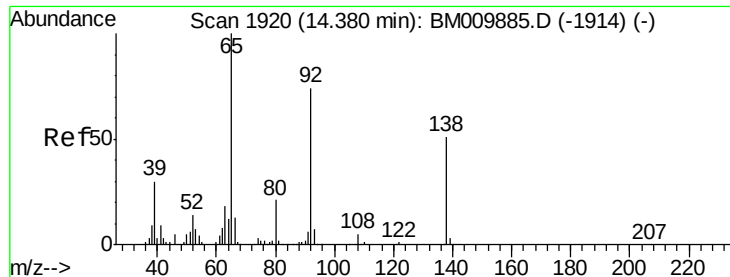


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E

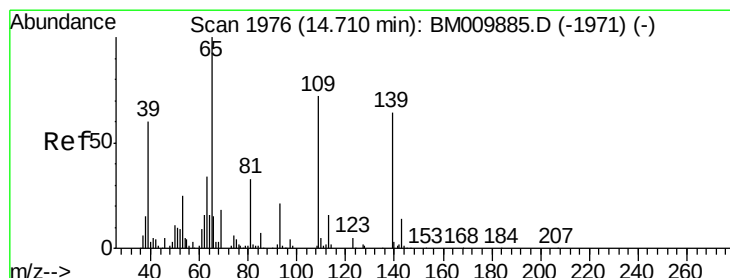
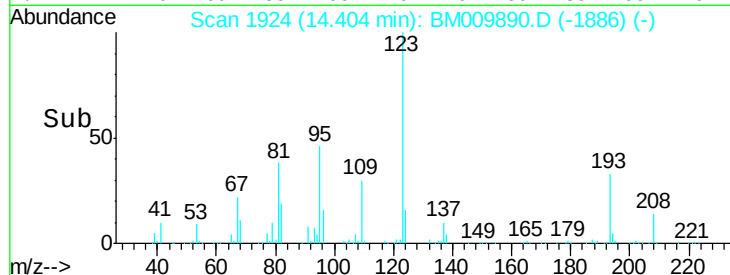
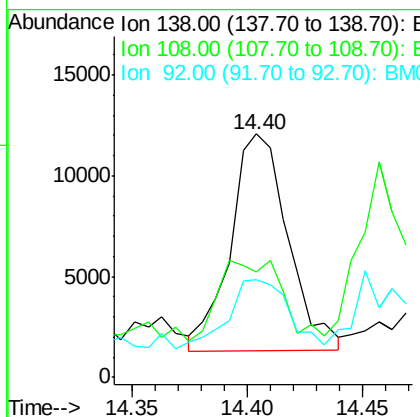
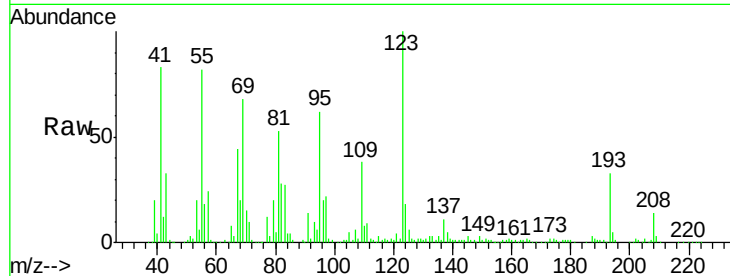




#48
 3-Nitroaniline
 Concen: 3.28 ng/ul
 RT: 14.40 min Scan# 1924
 Delta R.T. 0.02 min
 Lab File: BM009890.D
 Acq: 04 May 2017 15:45

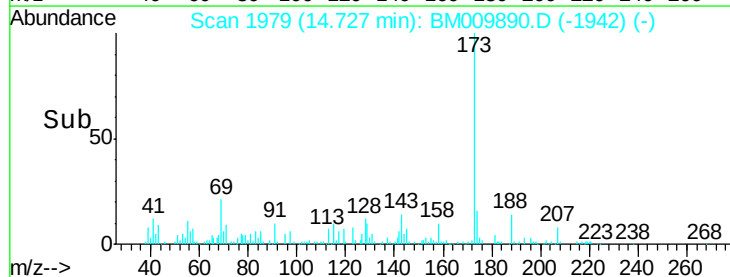
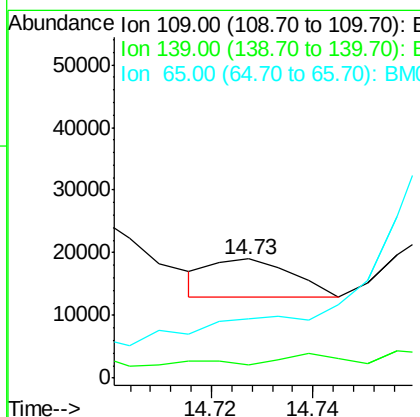
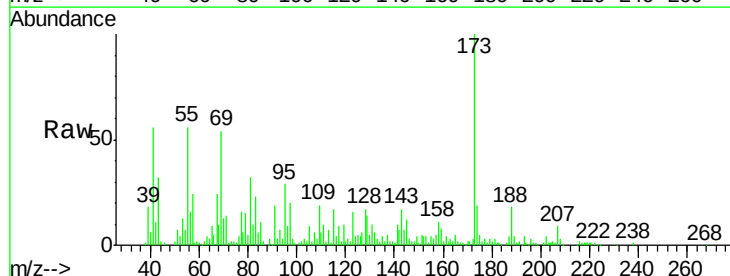
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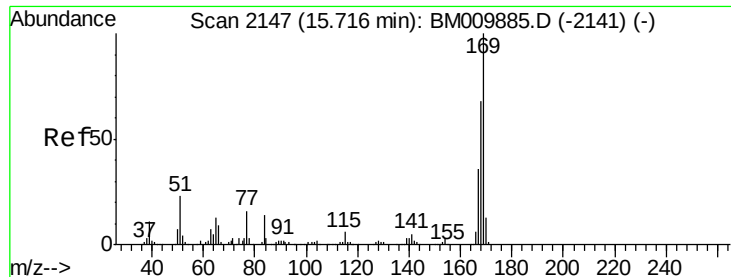
Tgt Ion:138 Resp: 18567
 Ion Ratio Lower Upper
 138 100
 108 43.0 13.9 20.9#
 92 40.0 137.8 206.8#



#52
 4-Nitrophenol
 Concen: 1.06 ng/ul
 RT: 14.73 min Scan# 1979
 Delta R.T. 0.02 min
 Lab File: BM009890.D
 Acq: 04 May 2017 15:45

Tgt Ion:109 Resp: 6795
 Ion Ratio Lower Upper
 109 100
 139 10.8 33.9 50.9#
 65 49.3 92.2 138.2#





#64

N-Nitrosodiphenylamine

Concen: 7.07 ng/ul

RT: 15.72 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BM009890.D

Acq: 04 May 2017 15:45

Instrument :

BNA_M

ClientSampleId :

JHT93

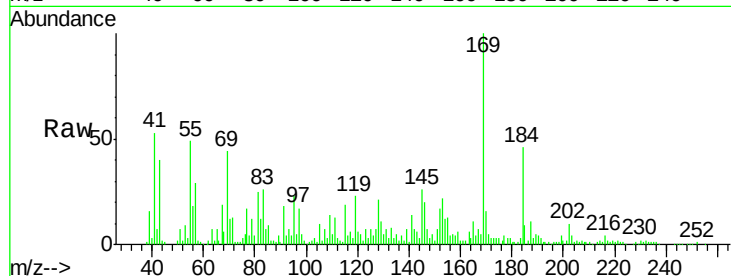
Tgt Ion:169 Resp: 176599

Ion Ratio Lower Upper

169 100

168 4.7 53.4 80.2#

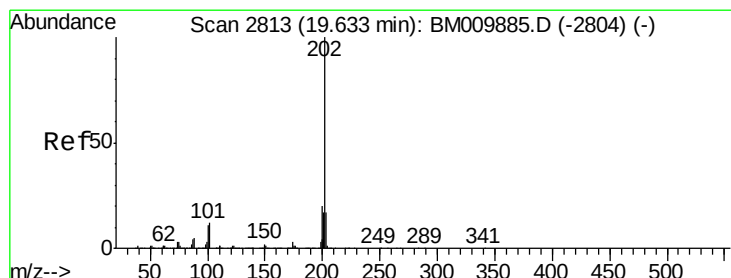
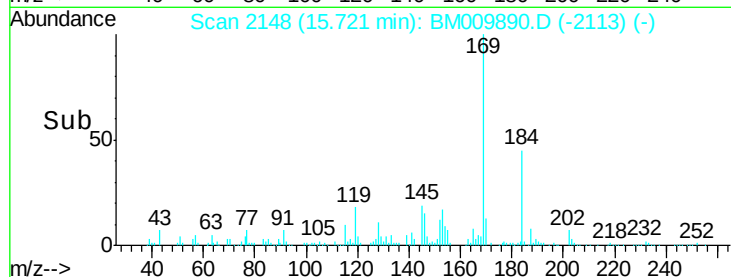
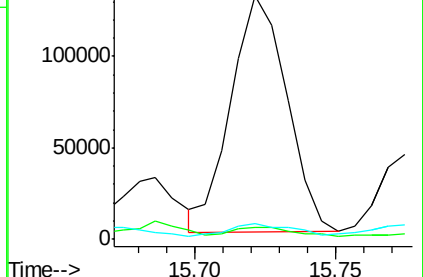
167 6.6 30.2 45.2#



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



#77

Pyrene

Concen: 1.78 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.02 min

Lab File: BM009890.D

Acq: 04 May 2017 15:45

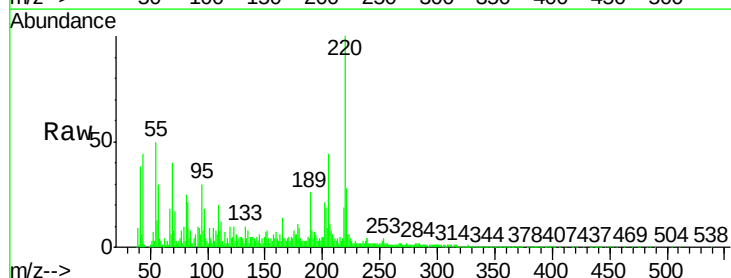
Tgt Ion:202 Resp: 85382

Ion Ratio Lower Upper

202 100

101 43.9 6.2 9.4#

100 11.1 6.4 9.6#



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

