

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005402.D
 Acq On : 12 May 2016 00:20
 Operator : UM/SJ
 Sample : H2890-23
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X12

Quant Time: May 12 03:34:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 02:20:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	65393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	308442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	195569	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	483551	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	534654	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	414778	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	1331	0.96	ng/uL	0.00
5) Phenol-d5	6.94	99	38220	6.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	98515	29.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	109815	24.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	76805	15.67	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	76653	34.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	78627	31.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	133781	28.87	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	43080	7.72	ng/ul	-0.03
43) Dimethylphthalate-d6	13.82	166	486090	31.01	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	572417	31.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	19951	6.97	ng/ul	0.02
57) Fluorene-d10	15.40	176	431885	31.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	85153	31.30	ng/ul	0.00
70) Anthracene-d10	17.25	188	688302	32.20	ng/ul	0.00
76) Pyrene-d10	19.54	212	804740	32.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	591219	32.20	ng/ul	0.00

Target Compounds

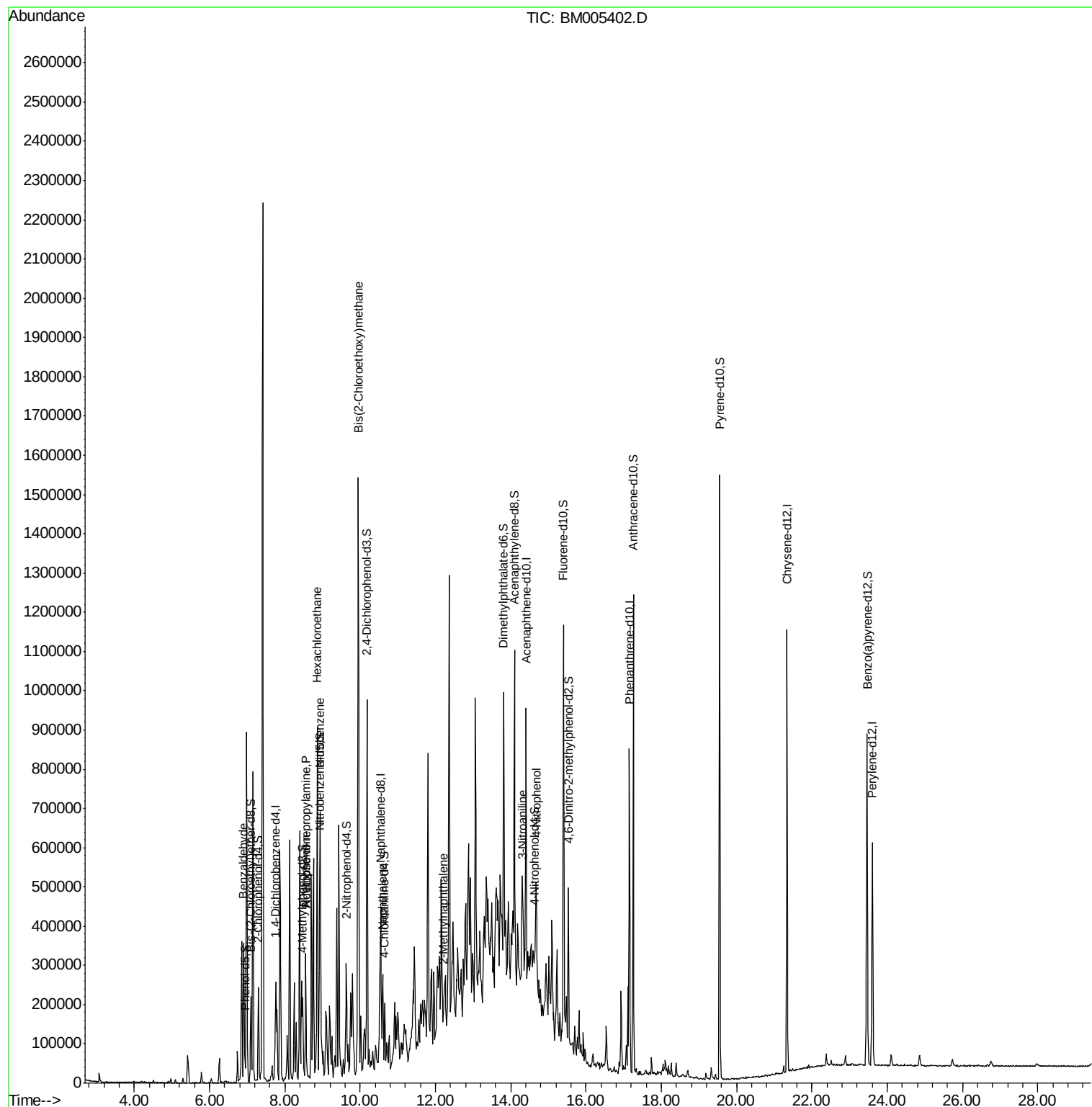
						Qvalue
4) Benzaldehyde	6.91	77	25980	9.04	ng/ul#	1
14) Acetophenone	8.55	105	216185	29.77	ng/ul#	32
15) N-Nitroso-di-n-propylamine	8.56	70	6270	1.65	ng/ul#	67
17) Hexachloroethane	8.86	117	133855	77.63	ng/ul#	8
20) Nitrobenzene	8.94	77	22314	4.05	ng/ul#	2
25) Bis(2-Chloroethoxy)methane	9.95	93	12476	1.87	ng/ul#	71
28) Naphthalene	10.59	128	83770	5.40	ng/ul#	90
34) 2-Methylnaphthalene	12.21	142	27301	2.35	ng/ul	96
48) 3-Nitroaniline	14.32	138	4516	1.37	ng/ul#	21
52) 4-Nitrophenol	14.67	109	13626	5.73	ng/ul#	16

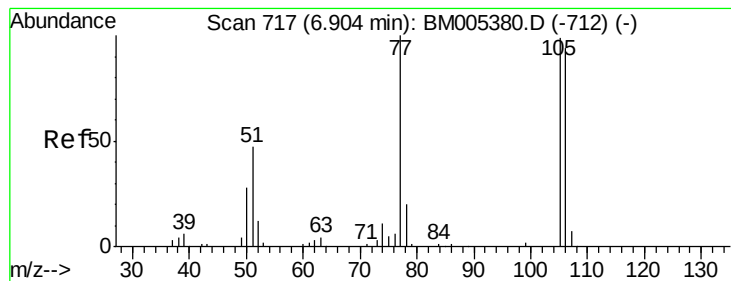
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 9.04 ng/ul

RT: 6.91 min Scan# 718

Delta R.T. 0.01 min

Lab File: BM005402.D

Acq: 12 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9X12

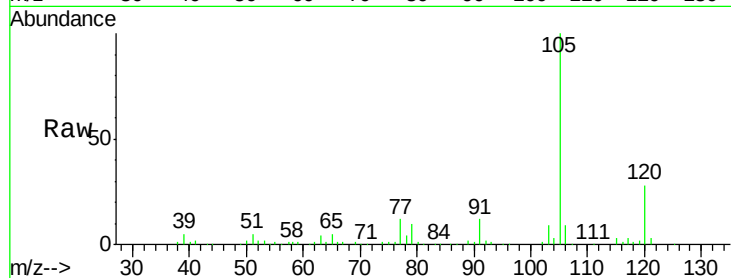
Tgt Ion: 77 Resp: 25980

Ion Ratio Lower Upper

77 100

105 808.6 77.6 116.4#

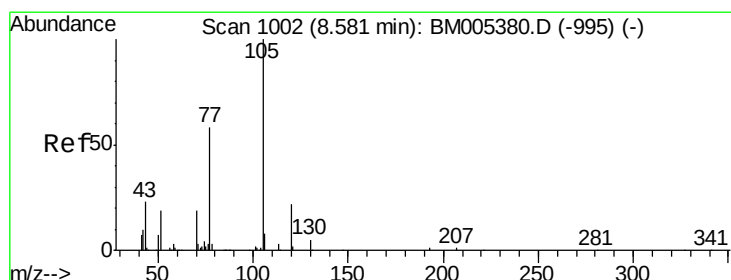
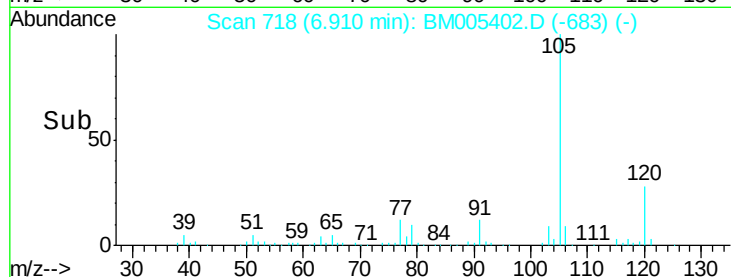
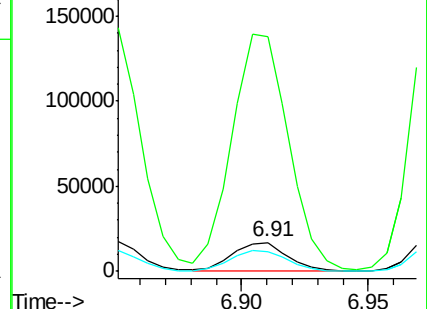
106 69.3 77.9 116.9#



Abundance Ion 77.00 (76.70 to 77.70): BM005380.D (-712) (-)

Ion 105.00 (104.70 to 105.70): BM005380.D (-712) (-)

Ion 106.00 (105.70 to 106.70): BM005380.D (-712) (-)



#14

Acetophenone

Concen: 29.77 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. -0.03 min

Lab File: BM005402.D

Acq: 12 May 2016 00:20

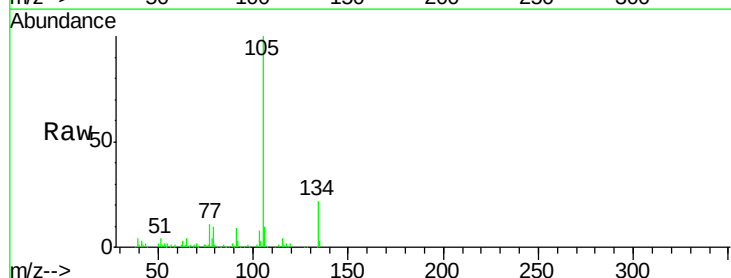
Tgt Ion: 105 Resp: 216185

Ion Ratio Lower Upper

105 100

77 11.4 61.2 91.8#

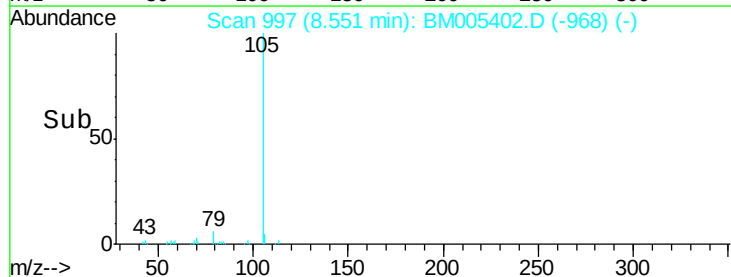
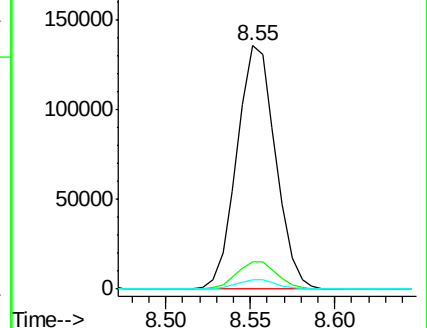
51 3.7 21.2 31.8#

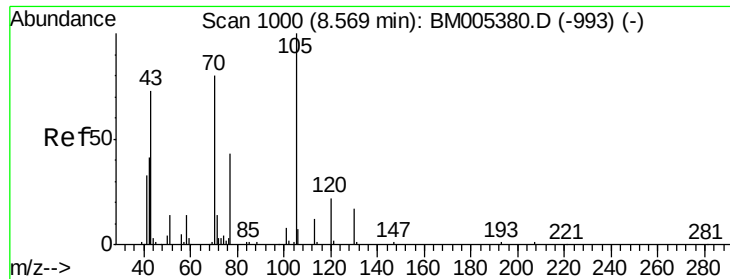


Abundance Ion 105.00 (104.70 to 105.70): BM005380.D (-995) (-)

Ion 77.00 (76.70 to 77.70): BM005380.D (-995) (-)

Ion 51.00 (50.70 to 51.70): BM005380.D (-995) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 1.65 ng/ul

RT: 8.56 min Scan# 998

Delta R.T. -0.01 min

Lab File: BM005402.D

Acq: 12 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9X12

Tgt Ion: 70 Resp: 6270

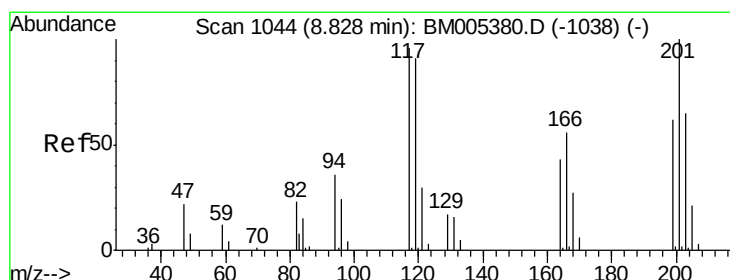
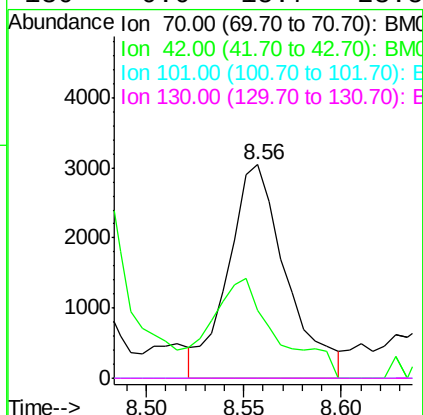
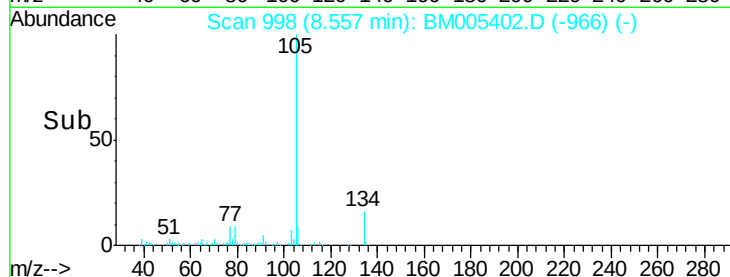
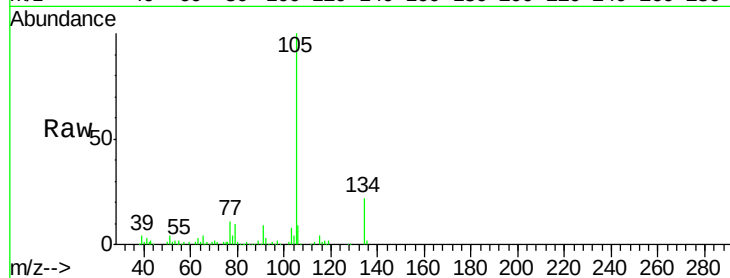
Ion Ratio Lower Upper

70 100

42 32.0 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#



#17

Hexachloroethane

Concen: 77.63 ng/ul

RT: 8.86 min Scan# 1049

Delta R.T. 0.03 min

Lab File: BM005402.D

Acq: 12 May 2016 00:20

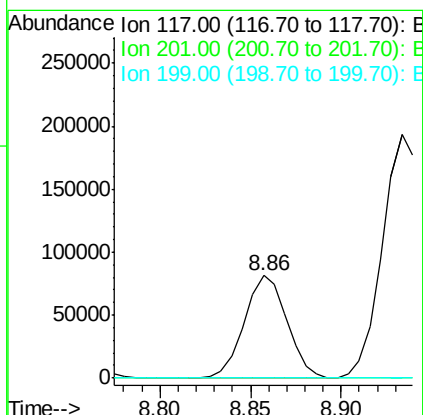
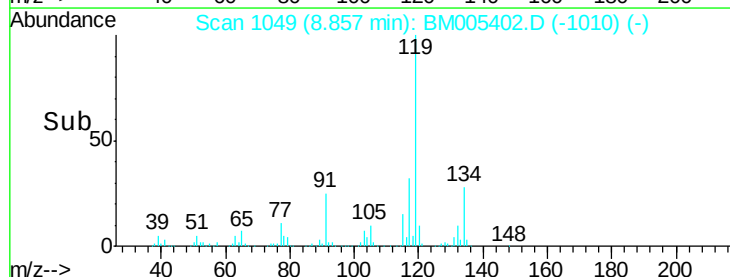
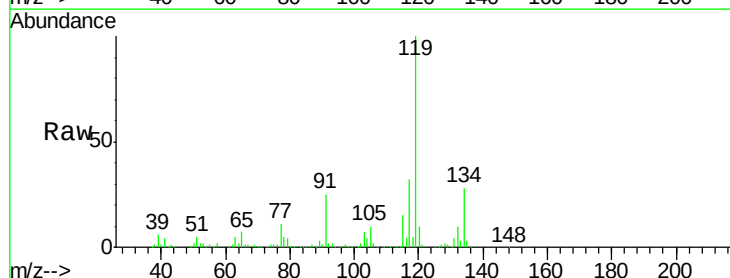
Tgt Ion: 117 Resp: 133855

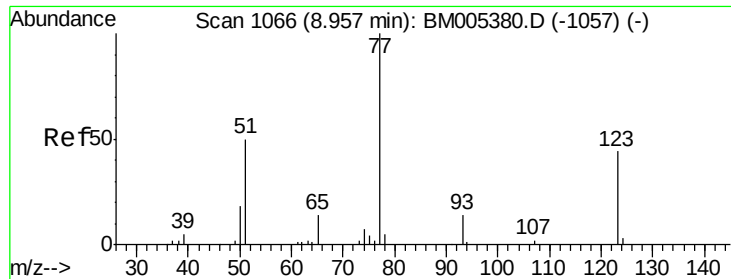
Ion Ratio Lower Upper

117 100

201 0.0 78.1 117.1#

199 0.0 50.2 75.2#

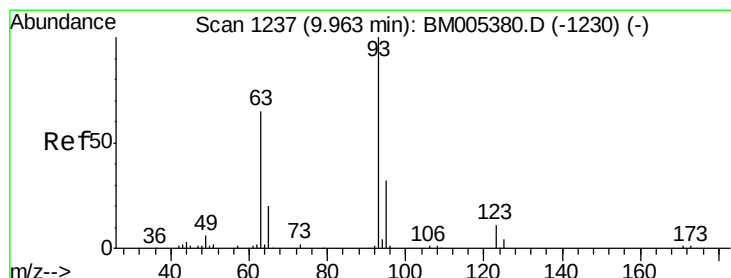
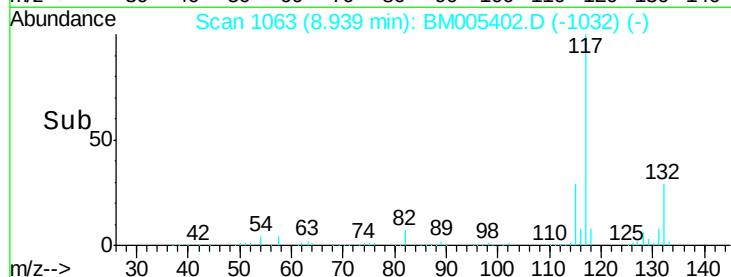
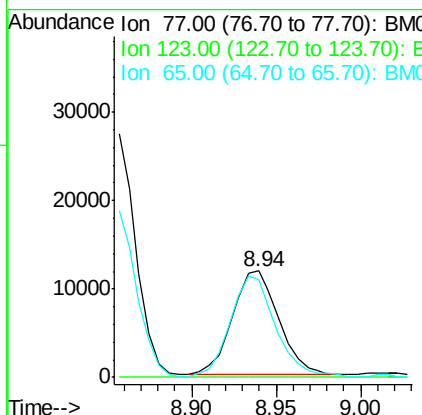
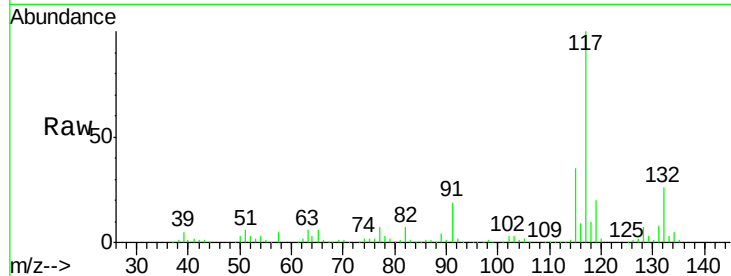




#20
 Nitrobenzene
 Concen: 4.05 ng/ul
 RT: 8.94 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BM005402.D
 Acq: 12 May 2016 00:20

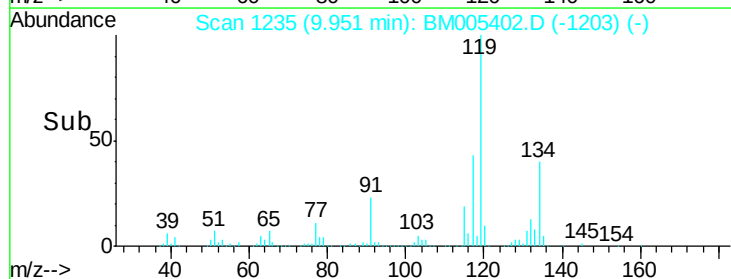
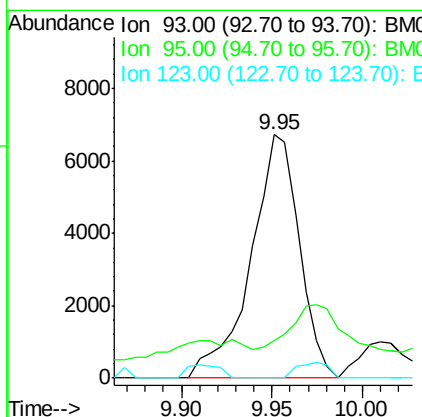
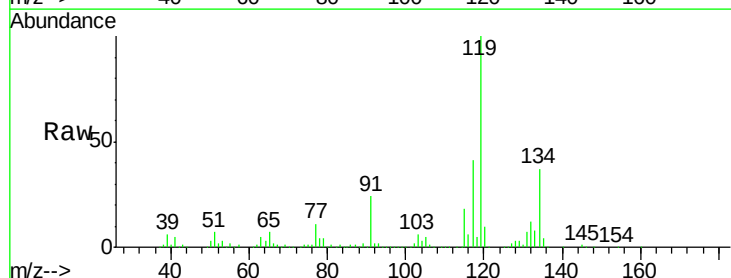
Instrument :
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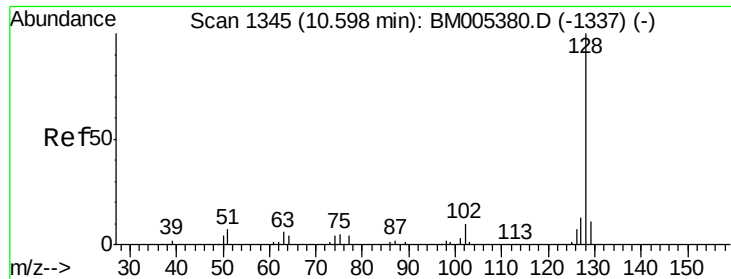
Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.1	51.1#
65	92.1	11.0	16.4#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 1.87 ng/ul
 RT: 9.95 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BM005402.D
 Acq: 12 May 2016 00:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	15.7	25.2	37.8#
123	0.0	9.0	13.6#





#28

Naphthalene

Concen: 5.40 ng/ul

RT: 10.59 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BM005402.D

Acq: 12 May 2016 00:20

Instrument :

BNA_M

ClientSampleId :

D9X12

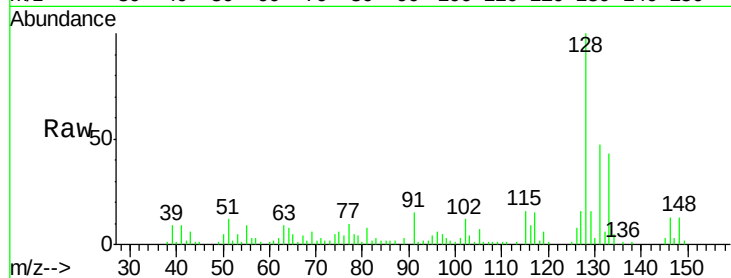
Tgt Ion:128 Resp: 83770

Ion Ratio Lower Upper

128 100

129 16.3 8.4 12.6#

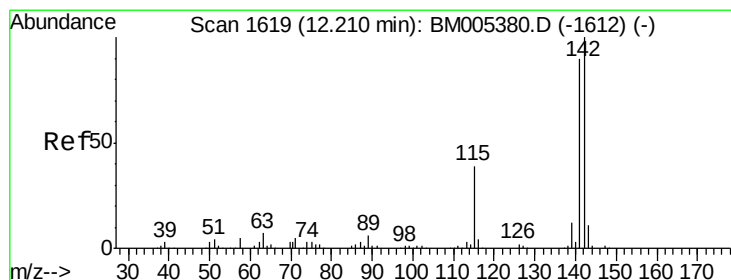
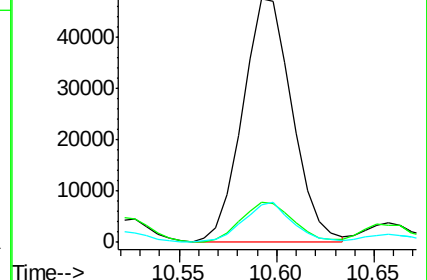
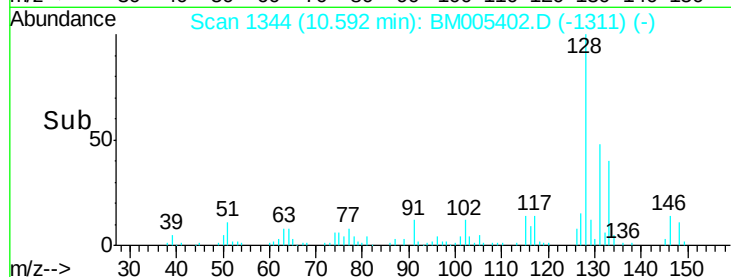
127 15.6 10.8 16.2



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



#34

2-Methylnaphthalene

Concen: 2.35 ng/ul

RT: 12.21 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BM005402.D

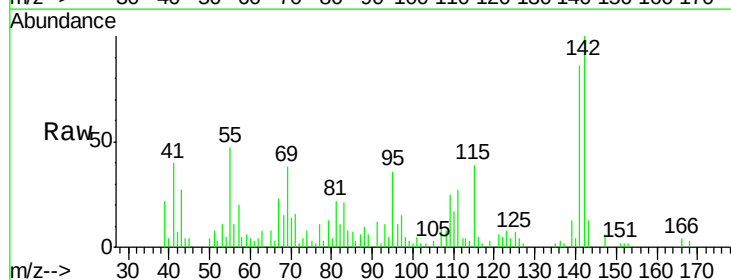
Acq: 12 May 2016 00:20

Tgt Ion:142 Resp: 27301

Ion Ratio Lower Upper

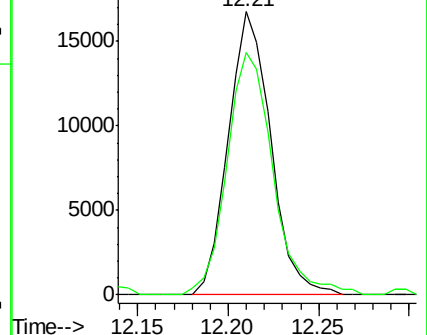
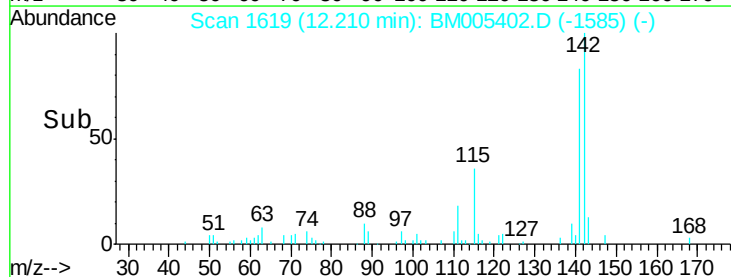
142 100

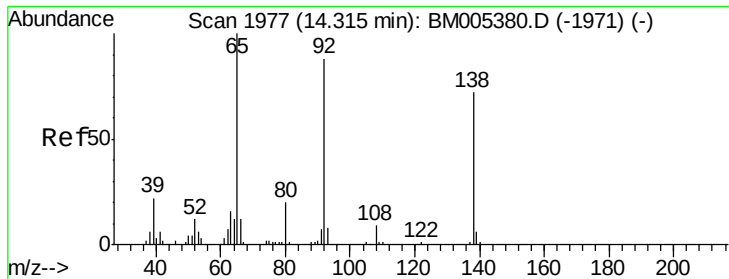
141 85.5 71.3 106.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

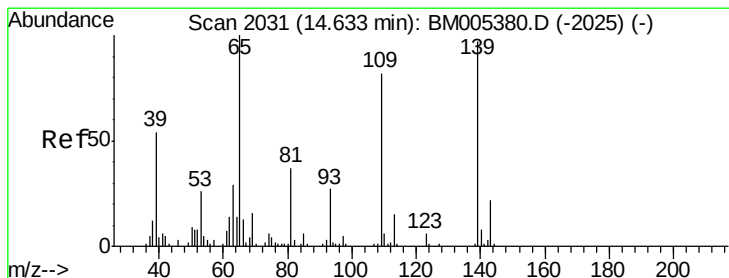
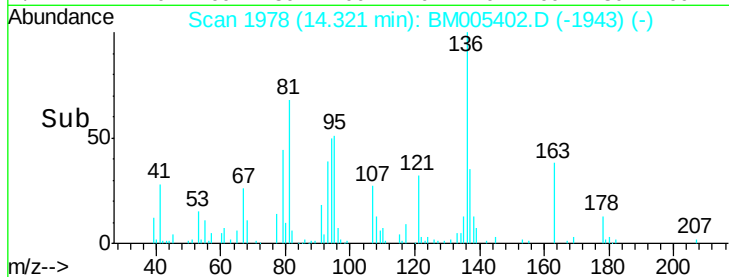
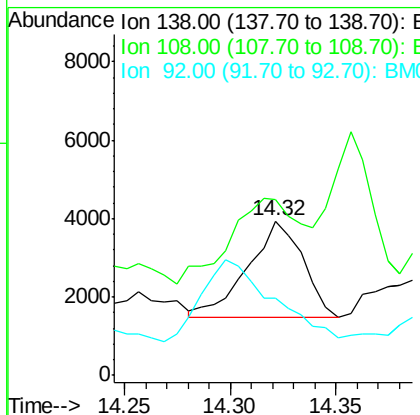
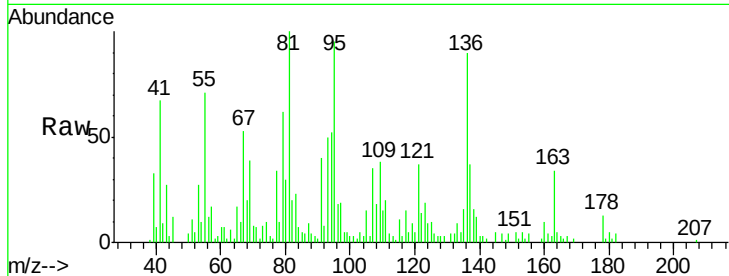




#48
 3-Nitroaniline
 Concen: 1.37 ng/ul
 RT: 14.32 min Scan# 1978
 Delta R.T. 0.01 min
 Lab File: BM005402.D
 Acq: 12 May 2016 00:20

Instrument :
 BNA_M
 ClientSampleId :
 D9X12

Tgt Ion:138 Resp: 4516
 Ion Ratio Lower Upper
 138 100
 108 114.2 8.6 13.0#
 92 49.8 93.5 140.3#



#52
 4-Nitrophenol
 Concen: 5.73 ng/ul
 RT: 14.67 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BM005402.D
 Acq: 12 May 2016 00:20

Tgt Ion:109 Resp: 13626
 Ion Ratio Lower Upper
 109 100
 139 11.2 103.6 155.4#
 65 52.5 104.7 157.1#

