

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005405.D
 Acq On : 12 May 2016 02:09
 Operator : UM/SJ
 Sample : H2846-02
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC8

Quant Time: May 12 03:34:59 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	67215	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	314873	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	172065	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	323896	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	294947	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	290267	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	1377	0.96	ng/uL	0.00
5) Phenol-d5	6.93	99	33730	5.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	91506	26.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	101777	22.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	67917	13.48	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	64795	28.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	77003	30.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	125958	26.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	5022	0.88	ng/ul	0.01
43) Dimethylphthalate-d6	13.81	166	412400	29.90	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	501216	30.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	10008	3.98	ng/ul	0.01
57) Fluorene-d10	15.40	176	338447	28.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	50488	27.71	ng/ul	0.00
70) Anthracene-d10	17.25	188	459542	32.10	ng/ul	0.00
76) Pyrene-d10	19.55	212	419223	30.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	395221	30.76	ng/ul	0.00

Target Compounds

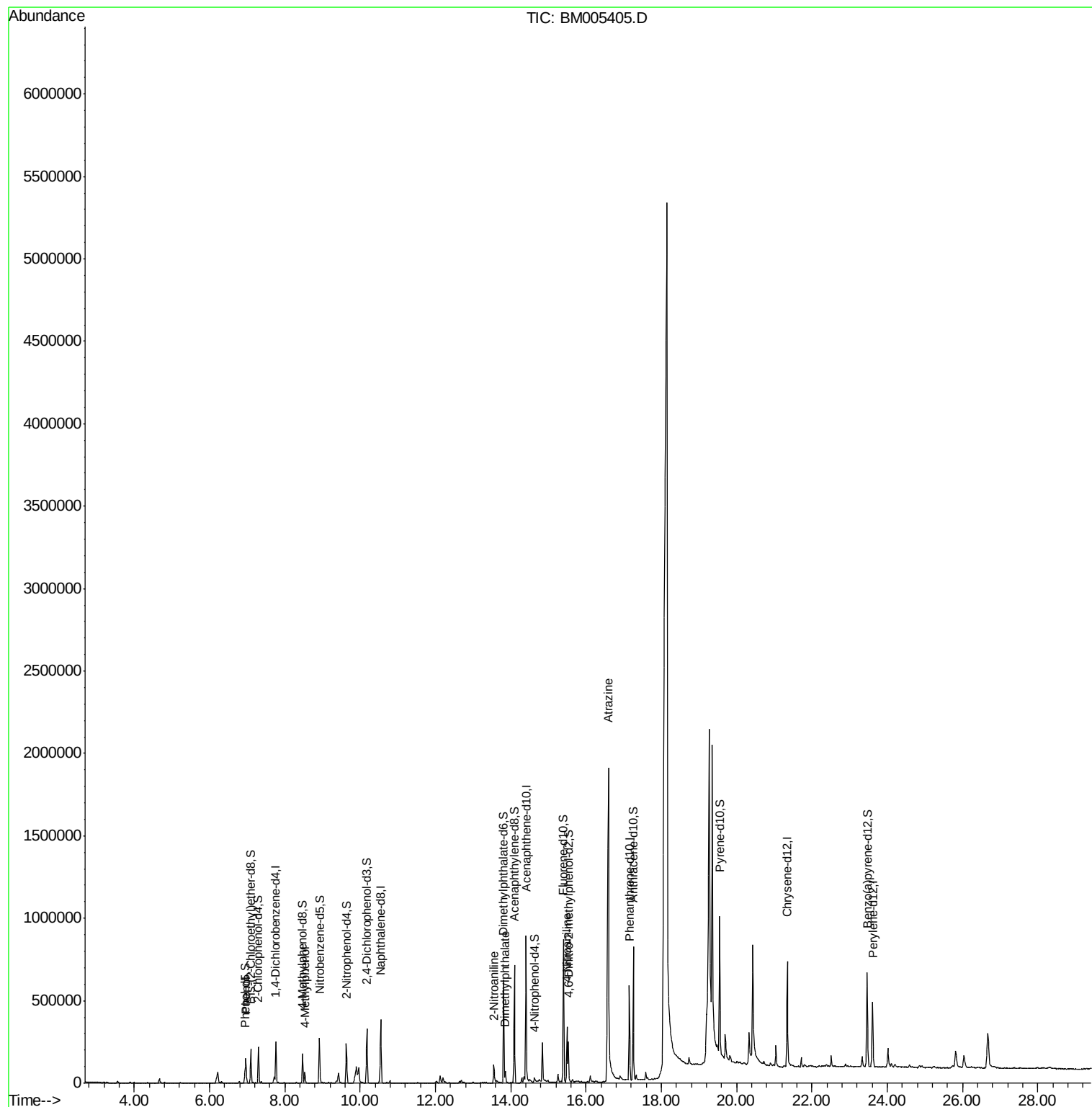
						Qvalue
6) Phenol	6.96	94	84815	13.46	ng/ul	100
16) 4-Methylphenol	8.53	108	24345	4.50	ng/ul	93
42) 2-Nitroaniline	13.55	65	10015	3.16	ng/ul#	22
44) Dimethylphthalate	13.86	163	40823	2.96	ng/ul	99
60) 4-Nitroaniline	15.49	138	92514	30.13	ng/ul#	18
67) Atrazine	16.59	200	3689	1.14	ng/ul#	37

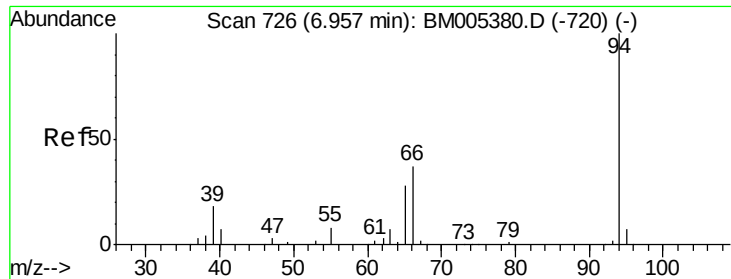
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 13.46 ng/ul

RT: 6.96 min Scan# 727

Delta R.T. 0.01 min

Lab File: BM005405.D

Acq: 12 May 2016 02:09

Instrument :

BNA_M

ClientSampleId :

C0AC8

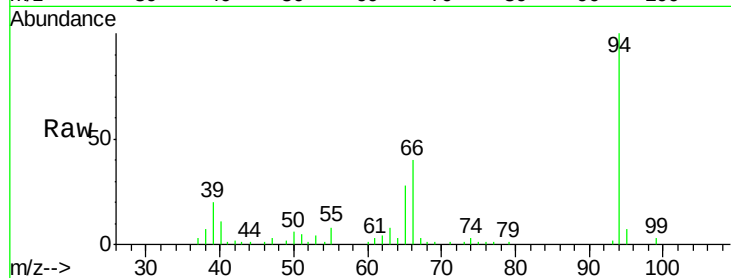
Tgt Ion: 94 Resp: 84815

Ion Ratio Lower Upper

94 100

65 28.0 22.7 34.1

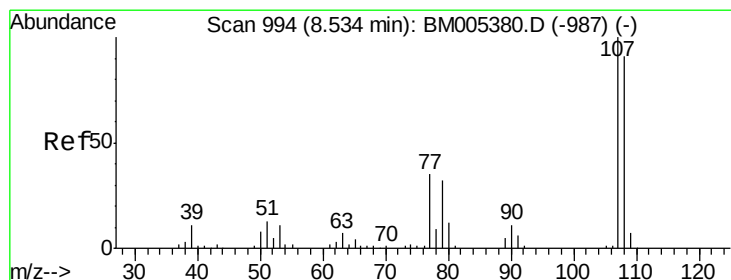
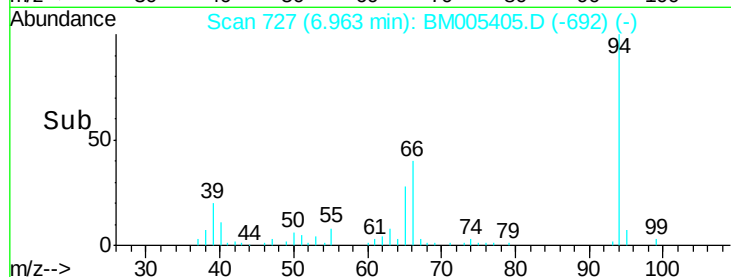
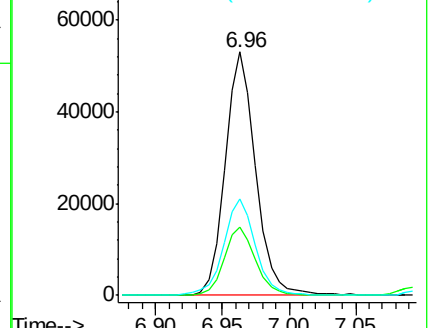
66 39.6 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005380.D (-720) (-)

Ion 65.00 (64.70 to 65.70): BM005380.D (-720) (-)

Ion 66.00 (65.70 to 66.70): BM005380.D (-720) (-)



#16

4-Methylphenol

Concen: 4.50 ng/ul

RT: 8.53 min Scan# 993

Delta R.T. -0.01 min

Lab File: BM005405.D

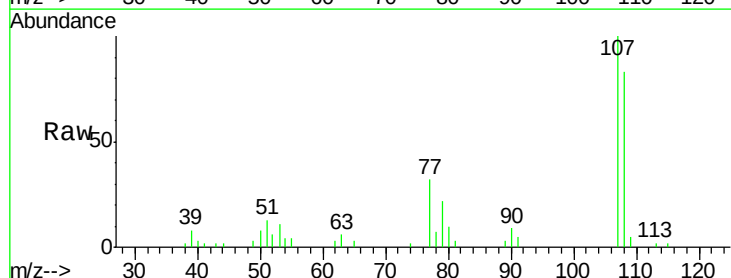
Acq: 12 May 2016 02:09

Tgt Ion: 108 Resp: 24345

Ion Ratio Lower Upper

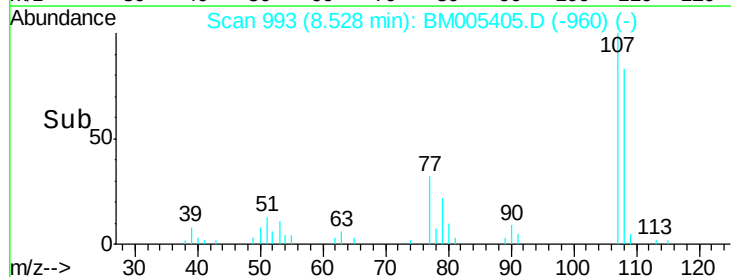
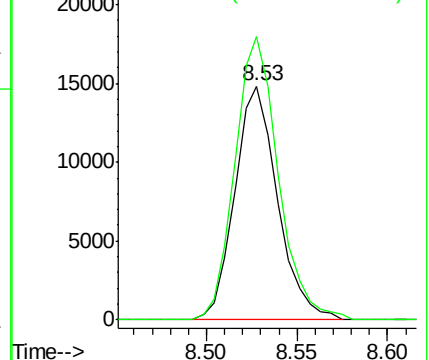
108 100

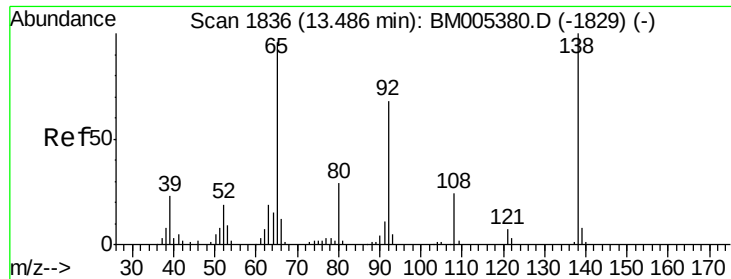
107 121.2 91.1 136.7



Abundance Ion 108.00 (107.70 to 108.70): BM005380.D (-987) (-)

Ion 107.00 (106.70 to 107.70): BM005380.D (-987) (-)





#42

2-Nitroaniline

Concen: 3.16 ng/ul

RT: 13.55 min Scan# 1847

Delta R.T. 0.06 min

Lab File: BM005405.D

Acq: 12 May 2016 02:09

Instrument :

BNA_M

ClientSampleId :

C0AC8

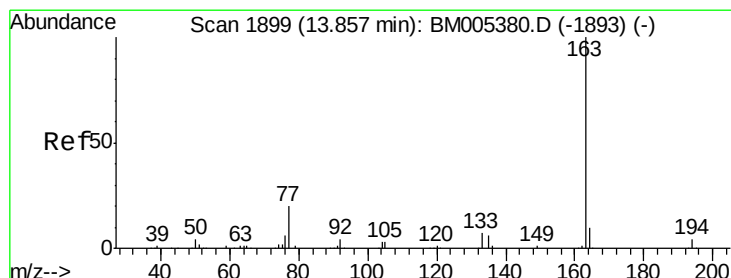
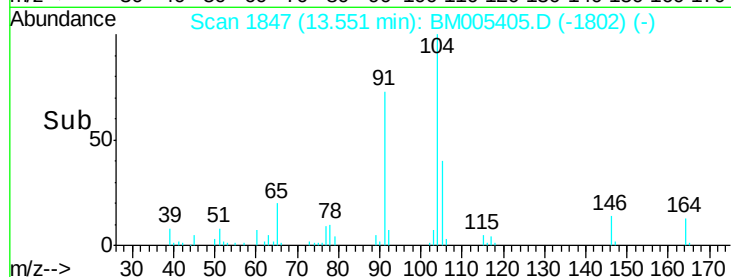
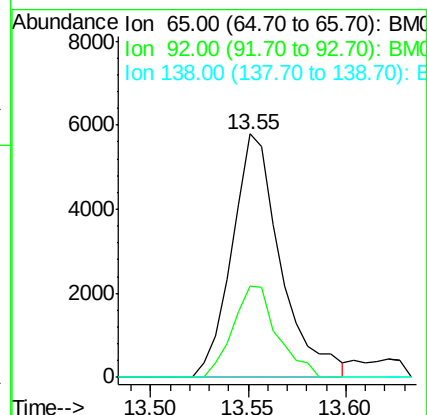
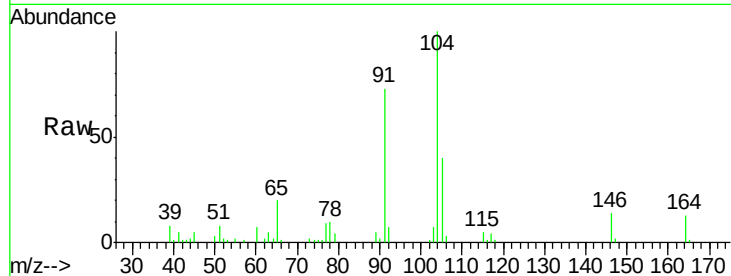
Tgt Ion: 65 Resp: 10015

Ion Ratio Lower Upper

65 100

92 37.6 60.1 90.1#

138 0.0 84.0 126.0#



#44

Dimethylphthalate

Concen: 2.96 ng/ul

RT: 13.86 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM005405.D

Acq: 12 May 2016 02:09

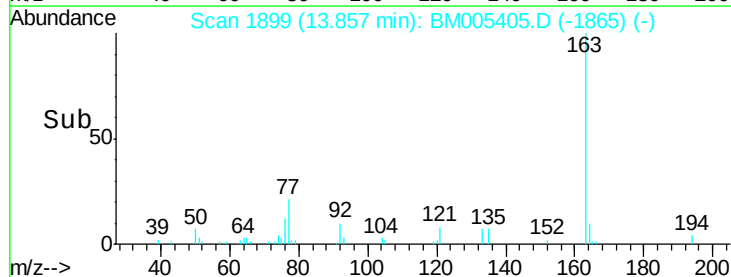
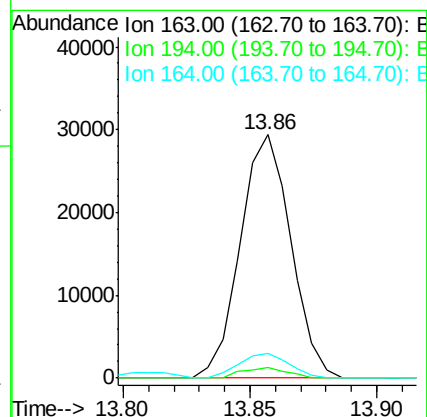
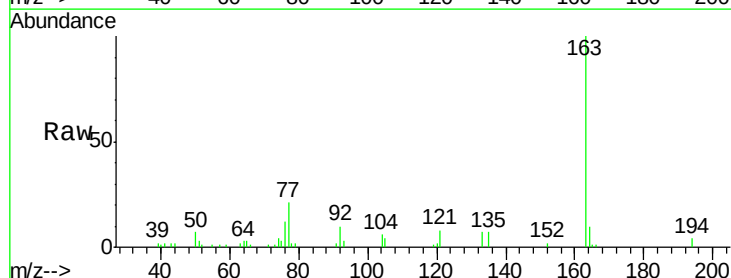
Tgt Ion: 163 Resp: 40823

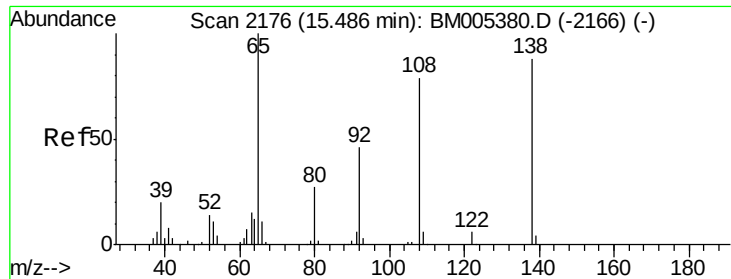
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.3 7.9 11.9

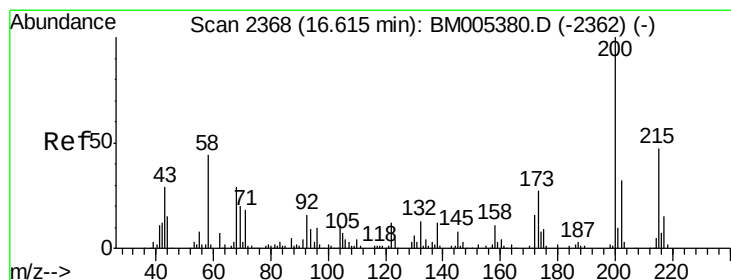
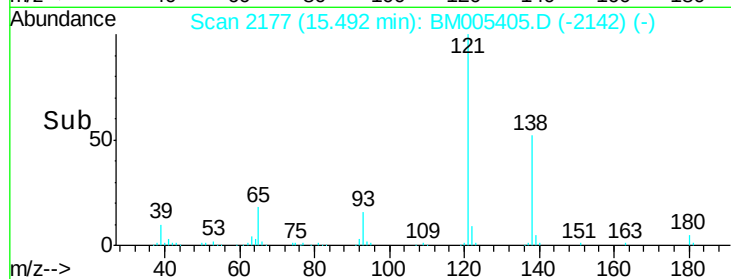
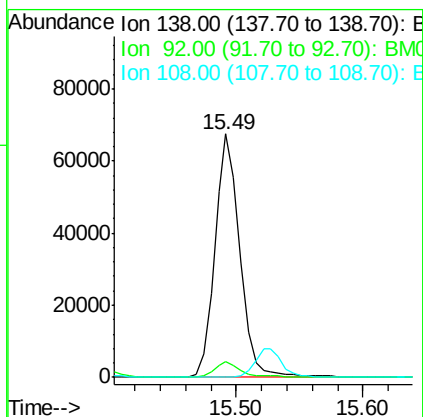
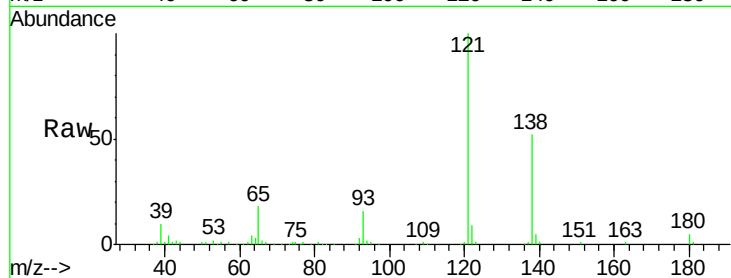




#60
4-Nitroaniline
Concen: 30.13 ng/ul
RT: 15.49 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BM005405.D
Acq: 12 May 2016 02:09

Instrument :
BNA_M
ClientSampleId :
C0AC8

Tgt Ion:138 Resp: 92514
Ion Ratio Lower Upper
138 100
92 6.3 44.3 66.5#
108 0.0 66.3 99.5#



#67
Atrazine
Concen: 1.14 ng/ul
RT: 16.59 min Scan# 2363
Delta R.T. -0.03 min
Lab File: BM005405.D
Acq: 12 May 2016 02:09

Tgt Ion:200 Resp: 3689
Ion Ratio Lower Upper
200 100
173 0.0 21.0 31.4#
215 0.0 37.4 56.2#

