

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005562.D
 Acq On : 21 May 2016 22:11
 Operator : UM/SJ
 Sample : H3086-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGJ6

Quant Time: May 22 05:10:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun May 22 05:09:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	109745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	450906	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	245219	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	521928	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	597087	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	566996	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	6395	2.55	ng/uL	0.00
5) Phenol-d5	6.98	99	138464	15.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	93368	17.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	119088	15.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	114363	15.51	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	57025	16.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	61591	16.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	118253	16.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	161886	22.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	346205	17.30	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	451417	18.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	87450	23.10	ng/ul	0.00
57) Fluorene-d10	15.45	176	318215	18.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	52709	17.56	ng/ul	0.00
70) Anthracene-d10	17.30	188	465208	18.71	ng/ul	0.00
76) Pyrene-d10	19.59	212	527660	19.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	481221	18.18	ng/ul	0.00

Target Compounds

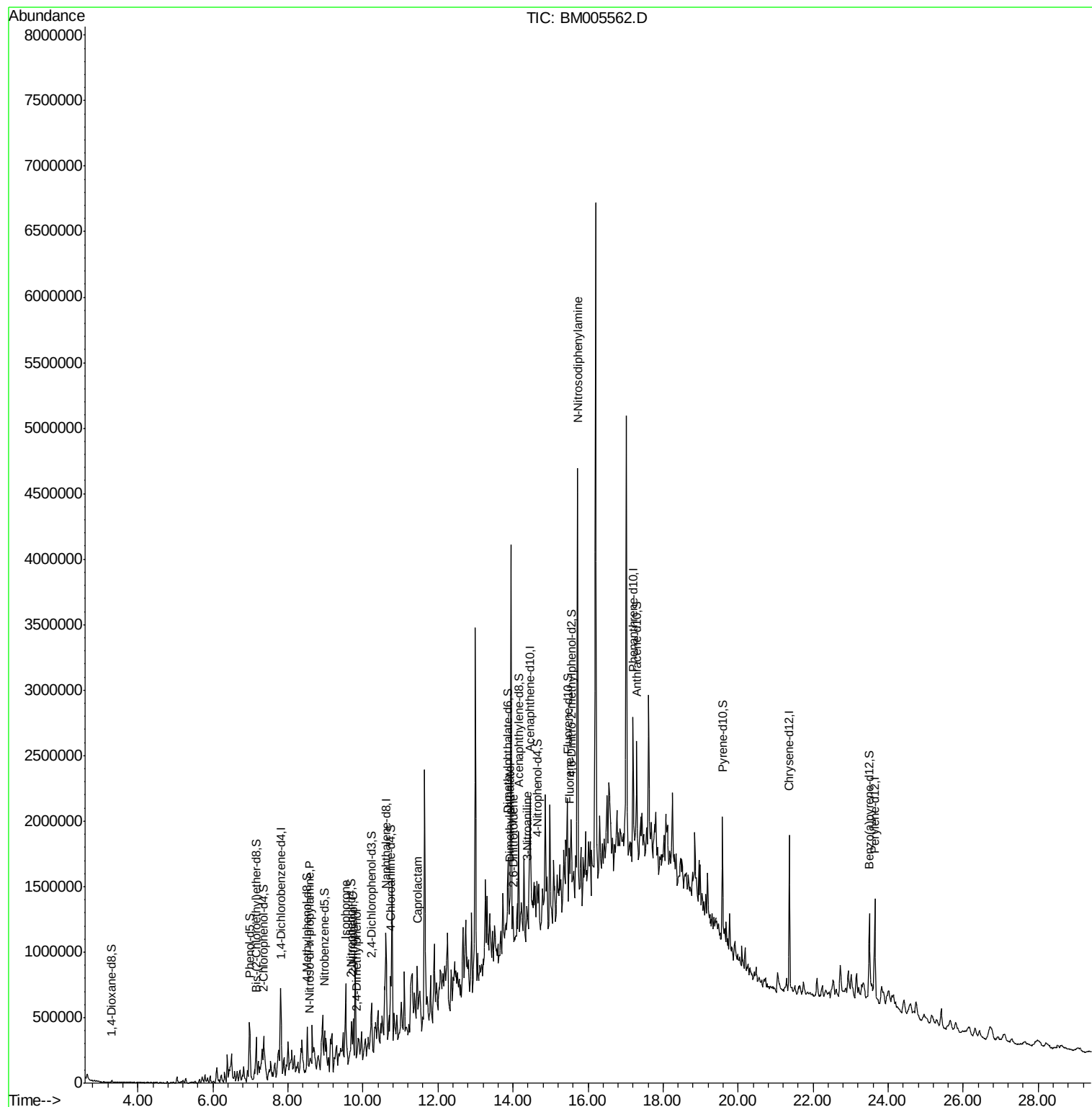
						Qvalue
15) N-Nitroso-di-n-propylamine	8.59	70	9649	1.65	ng/ul#	72
21) Isophorone	9.54	82	65231	4.18	ng/ul#	1
23) 2-Nitrophenol	9.74	139	4359	1.07	ng/ul#	1
24) 2,4-Dimethylphenol	9.83	107	14201	1.68	ng/ul	95
32) Caprolactam	11.46	113	3297	1.40	ng/ul#	1
44) Dimethylphthalate	13.91	163	70089	3.54	ng/ul#	83
45) 2,6-Dinitrotoluene	14.02	165	7623	1.91	ng/ul#	10
48) 3-Nitroaniline	14.37	138	5763	1.56	ng/ul#	31
58) Fluorene	15.50	166	26099	1.36	ng/ul#	68
64) N-Nitrosodiphenylamine	15.72	169	103444	6.53	ng/ul#	43

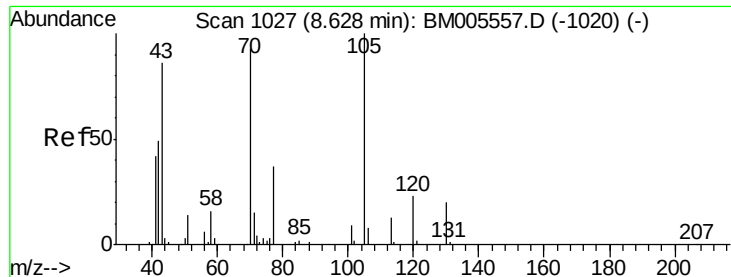
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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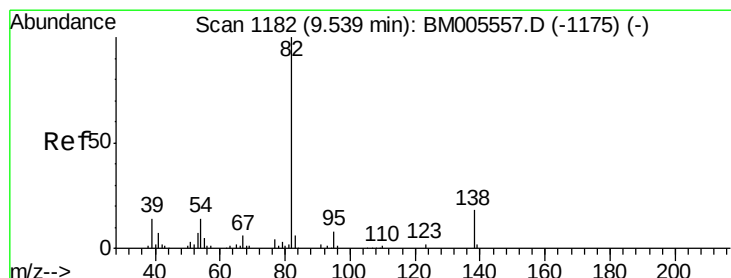
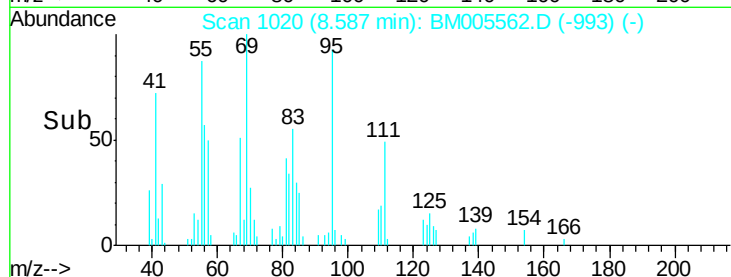
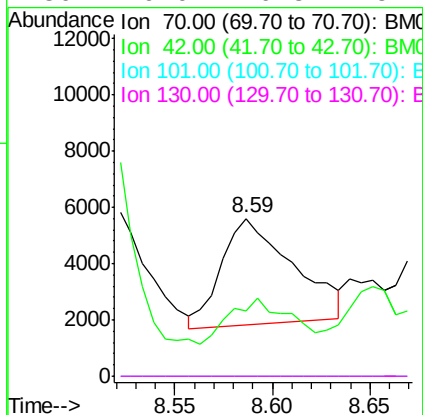
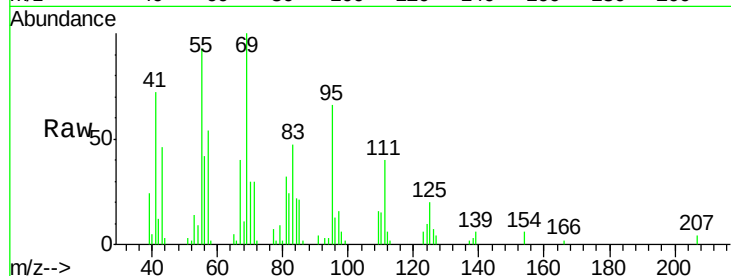




#15
N-Nitroso-di-n-propylamine
Concen: 1.65 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BM005562.D
Acq: 21 May 2016 22:11

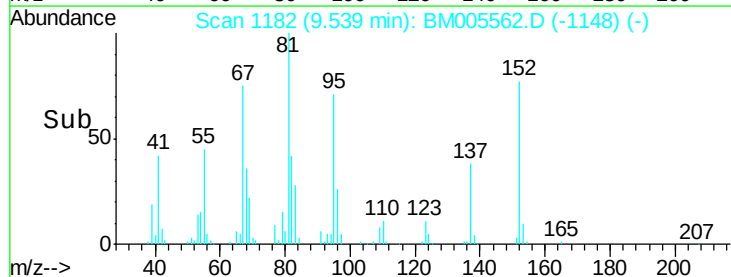
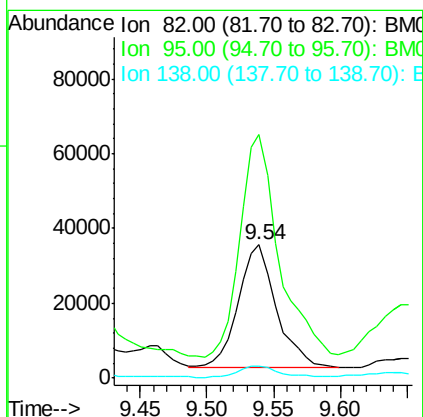
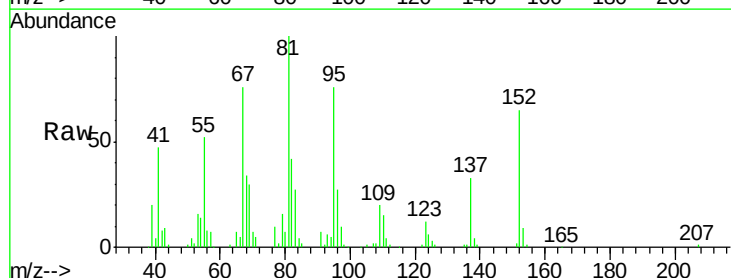
Instrument :
BNA_M
ClientSampled :
JHGJ6

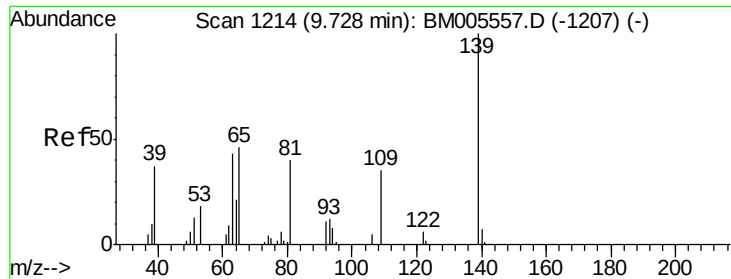
Tgt Ion: 70 Resp: 9649
Ion Ratio Lower Upper
70 100
42 41.4 46.1 69.1#
101 0.0 8.0 12.0#
130 0.0 16.8 25.2#



#21
Isophorone
Concen: 4.18 ng/ul
RT: 9.54 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BM005562.D
Acq: 21 May 2016 22:11

Tgt Ion: 82 Resp: 65231
Ion Ratio Lower Upper
82 100
95 182.5 6.4 9.6#
138 9.0 13.8 20.6#

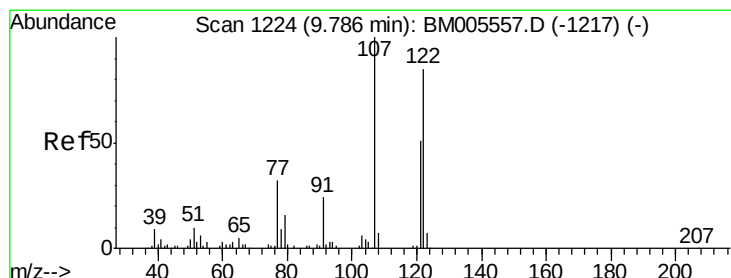
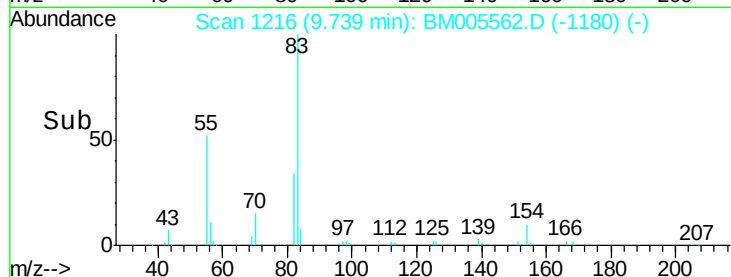
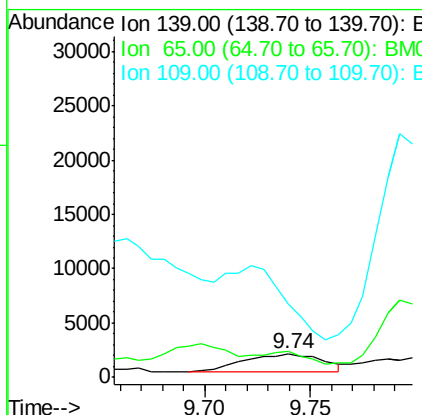
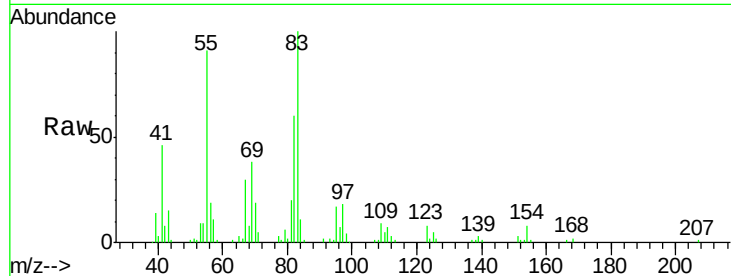




#23
 2-Nitrophenol
 Concen: 1.07 ng/ul
 RT: 9.74 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BM005562.D
 Acq: 21 May 2016 22:11

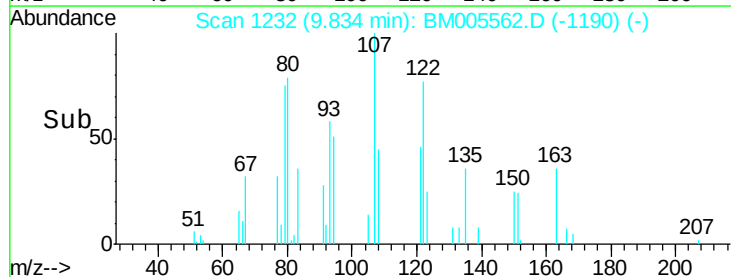
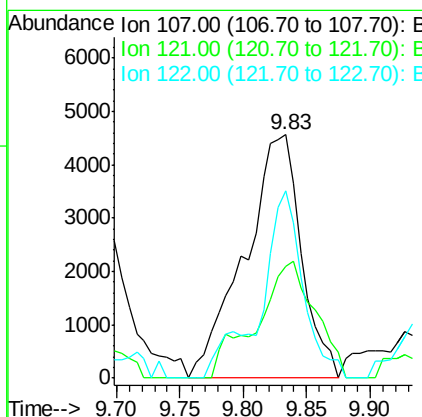
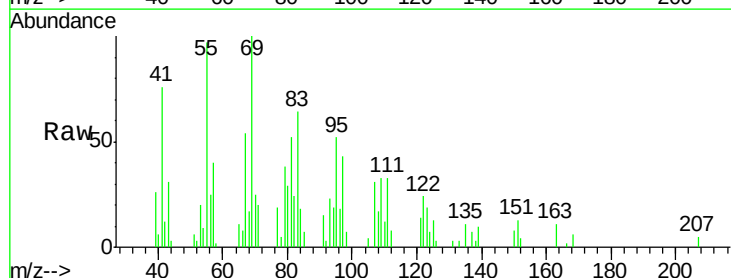
Instrument :
 BNA_M
 ClientSampled :
 JHGJ6

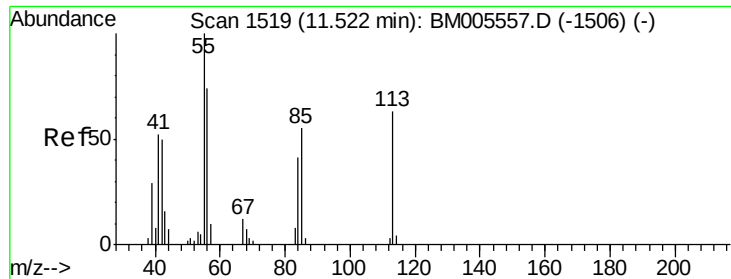
Tgt Ion:139 Resp: 4359
 Ion Ratio Lower Upper
 139 100
 65 107.7 45.2 67.8#
 109 307.0 30.8 46.2#



#24
 2,4-Dimethylphenol
 Concen: 1.68 ng/ul
 RT: 9.83 min Scan# 1232
 Delta R.T. 0.05 min
 Lab File: BM005562.D
 Acq: 21 May 2016 22:11

Tgt Ion:107 Resp: 14201
 Ion Ratio Lower Upper
 107 100
 121 45.9 37.5 56.3
 122 76.9 66.9 100.3





#32

Caprolactam

Concen: 1.40 ng/ul

RT: 11.46 min Scan# 1508

Delta R.T. -0.06 min

Lab File: BM005562.D

Acq: 21 May 2016 22:11

Instrument :

BNA_M

ClientSampleId :

JHGJ6

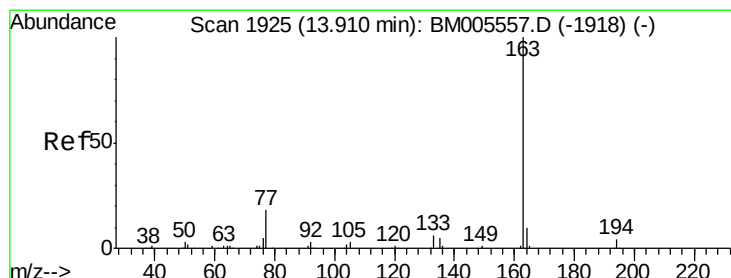
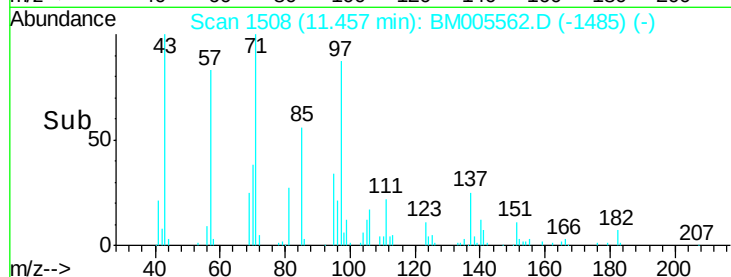
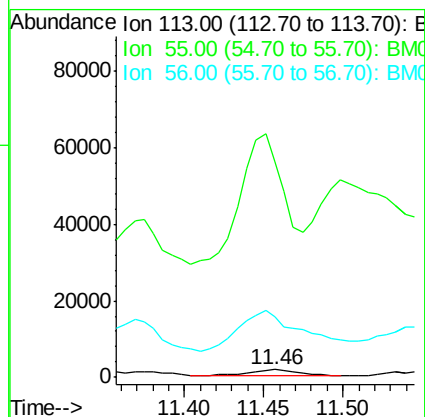
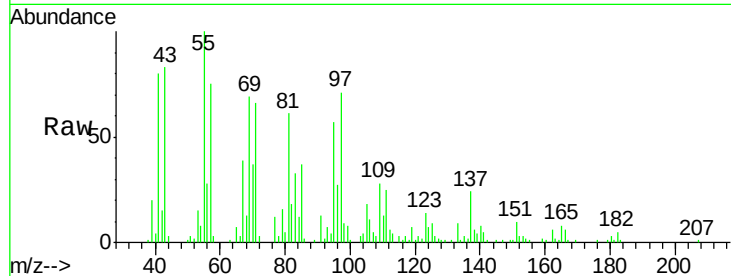
Tgt Ion:113 Resp: 3297

Ion Ratio Lower Upper

113 100

55 2824.4 124.6 187.0#

56 800.3 95.2 142.8#



#44

Dimethylphthalate

Concen: 3.54 ng/ul

RT: 13.91 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM005562.D

Acq: 21 May 2016 22:11

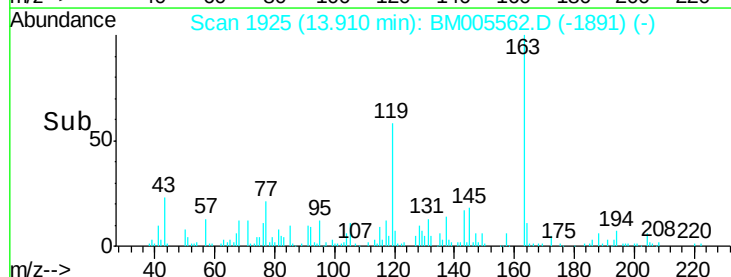
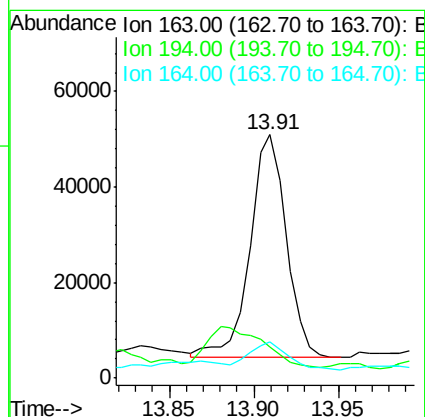
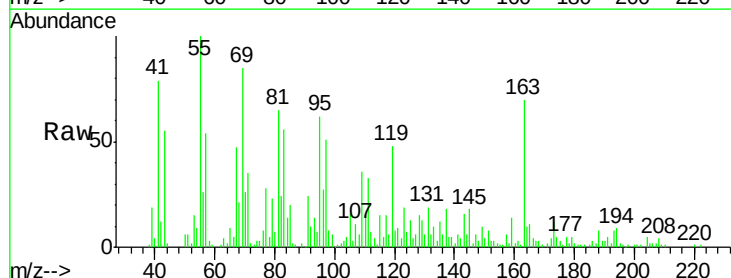
Tgt Ion:163 Resp: 70089

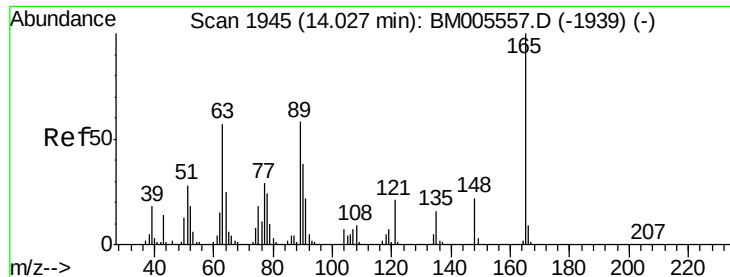
Ion Ratio Lower Upper

163 100

194 12.7 3.4 5.0#

164 14.7 8.0 12.0#





#45

2,6-Dinitrotoluene

Concen: 1.91 ng/ul

RT: 14.02 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BM005562.D

Acq: 21 May 2016 22:11

Instrument :

BNA_M

ClientSampleId :

JHGJ6

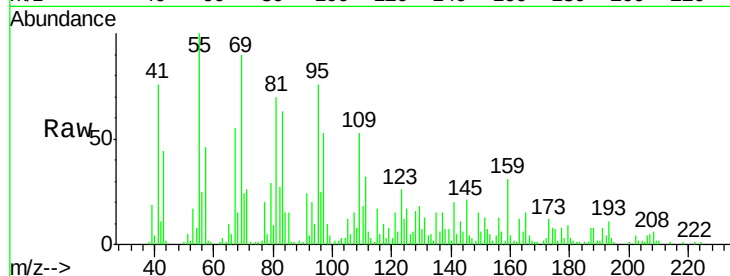
Tgt Ion:165 Resp: 7623

Ion Ratio Lower Upper

165 100

89 13.3 48.2 72.2#

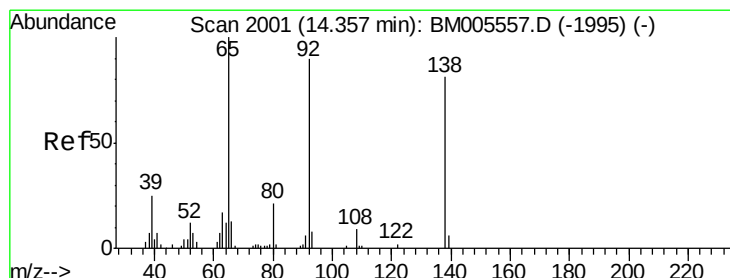
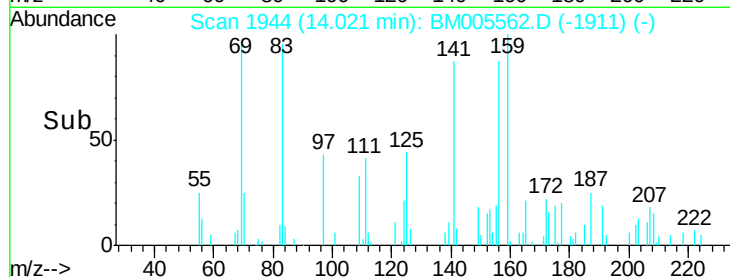
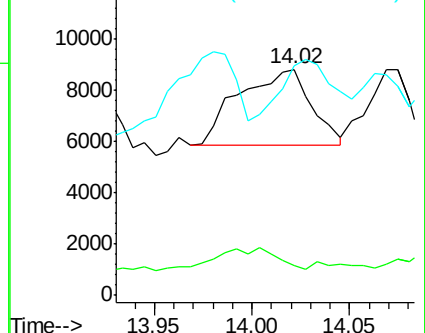
121 101.5 17.4 26.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E



#48

3-Nitroaniline

Concen: 1.56 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. 0.02 min

Lab File: BM005562.D

Acq: 21 May 2016 22:11

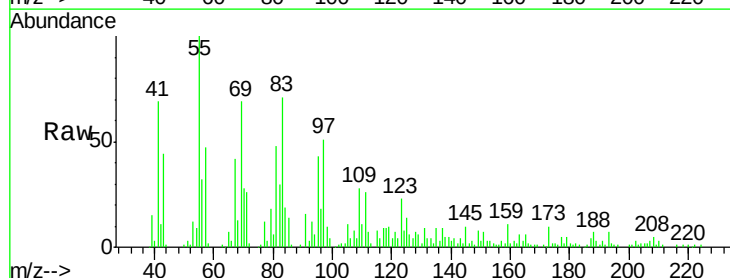
Tgt Ion:138 Resp: 5763

Ion Ratio Lower Upper

138 100

108 81.0 9.1 13.7#

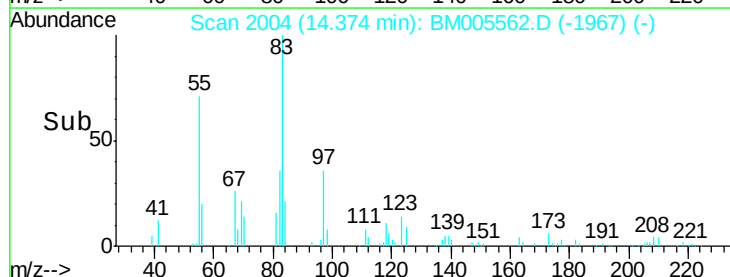
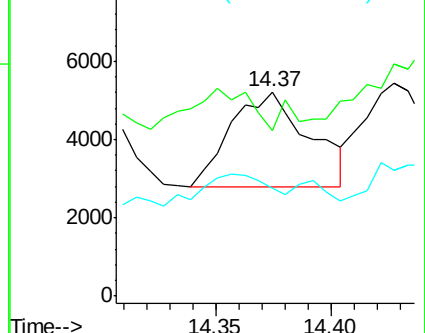
92 53.0 92.8 139.2#

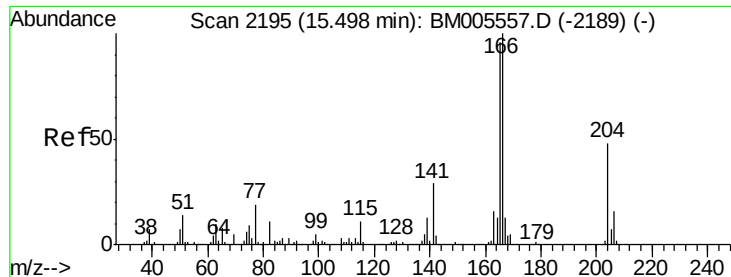


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM0





#58

Fluorene

Concen: 1.36 ng/ul

RT: 15.50 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BM005562.D

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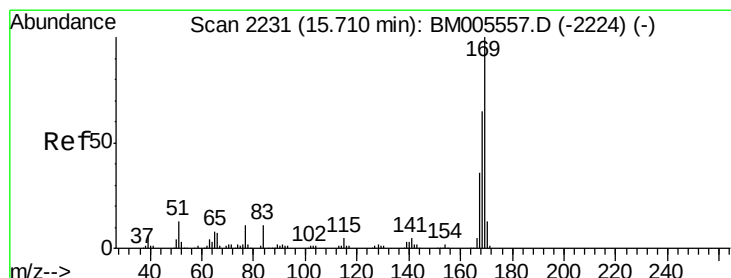
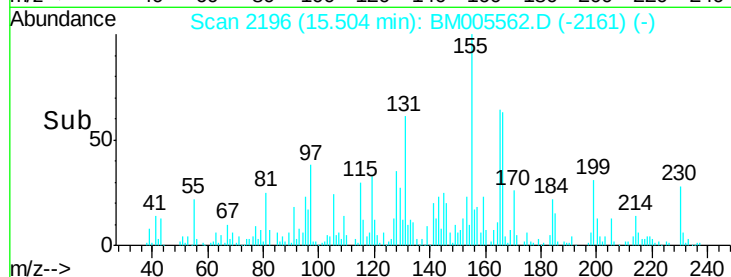
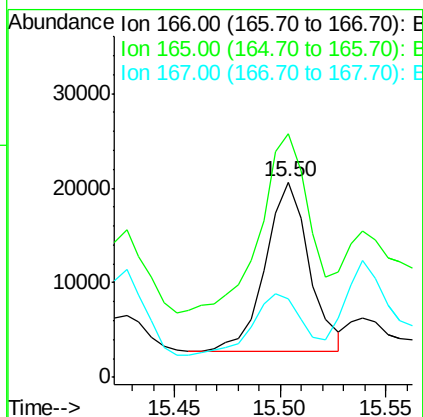
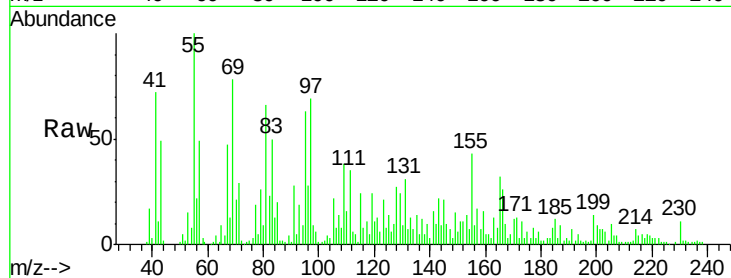
Tgt Ion:166 Resp: 26099

Ion Ratio Lower Upper

166 100

165 124.9 78.0 117.0#

167 40.0 10.5 15.7#



#64

N-Nitrosodiphenylamine

Concen: 6.53 ng/ul

RT: 15.72 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BM005562.D

Acq: 21 May 2016 22:11

Tgt Ion:169 Resp: 103444

Ion Ratio Lower Upper

169 100

168 17.1 53.2 79.8#

167 7.2 28.9 43.3#

