Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGJ1

Quant Time: May 22 05:09:59 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	89364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	347932	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	170499	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	352652	20.00	ng/ul	0.01
75) Chrysene-d12	21.37	240	418905	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	416132	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	7584	3.72	ng/uL	0.00
5) Phenol-d5	6.98	99	155954	21.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	117963	27.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	130838	21.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	123821	20.63	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	61786	23.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	65228	22.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	122426	22.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	147688	26.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	320676	23.04	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	423270	24.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	58341	22.16	ng/ul	0.00
57) Fluorene-d10	15.45	176	273878	22.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	45197	22.28	ng/ul	0.00
70) Anthracene-d10	17.30	188	398574	23.73	ng/ul	0.00
76) Pyrene-d10	19.59	212	456252	24.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	445480	22.93	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.97	77	8883	1.87	ng/ul#	7
15) N-Nitroso-di-n-propylamine	8.59	70	13364	2.80	ng/ul#	73
20) Nitrobenzene	9.02	77	9092	1.41	ng/ul#	57
21) Isophorone	9.55	82	245125	20.34	ng/ul#	1
23) 2-Nitrophenol	9.74	139	16464	5.23	ng/ul#	1
24) 2,4-Dimethylphenol	9.83	107	25810	3.97	ng/ul	87
32) Caprolactam	11.55	113	5642	3.11	ng/ul#	1
44) Dimethylphthalate	13.91	163	72525	5.27	ng/ul#	59
45) 2,6-Dinitrotoluene	14.00	165	9889	3.56	ng/ul#	20
48) 3-Nitroaniline	14.37	138	9531	3.70	ng/ul#	35
52) 4-Nitrophenol	14.67	109	18283	6.91	ng/ul#	13
63) 4,6-Dinitro-2-methylphenol	15.56	198	3450	1.62	ng/ul#	1
64) N-Nitrosodiphenylamine	15.73	169	102482	9.58	ng/ul#	45
77) Pyrene	19.62	202	24185	1.00	ng/ul#	86

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

Quantitation Report (Not Reviewed)

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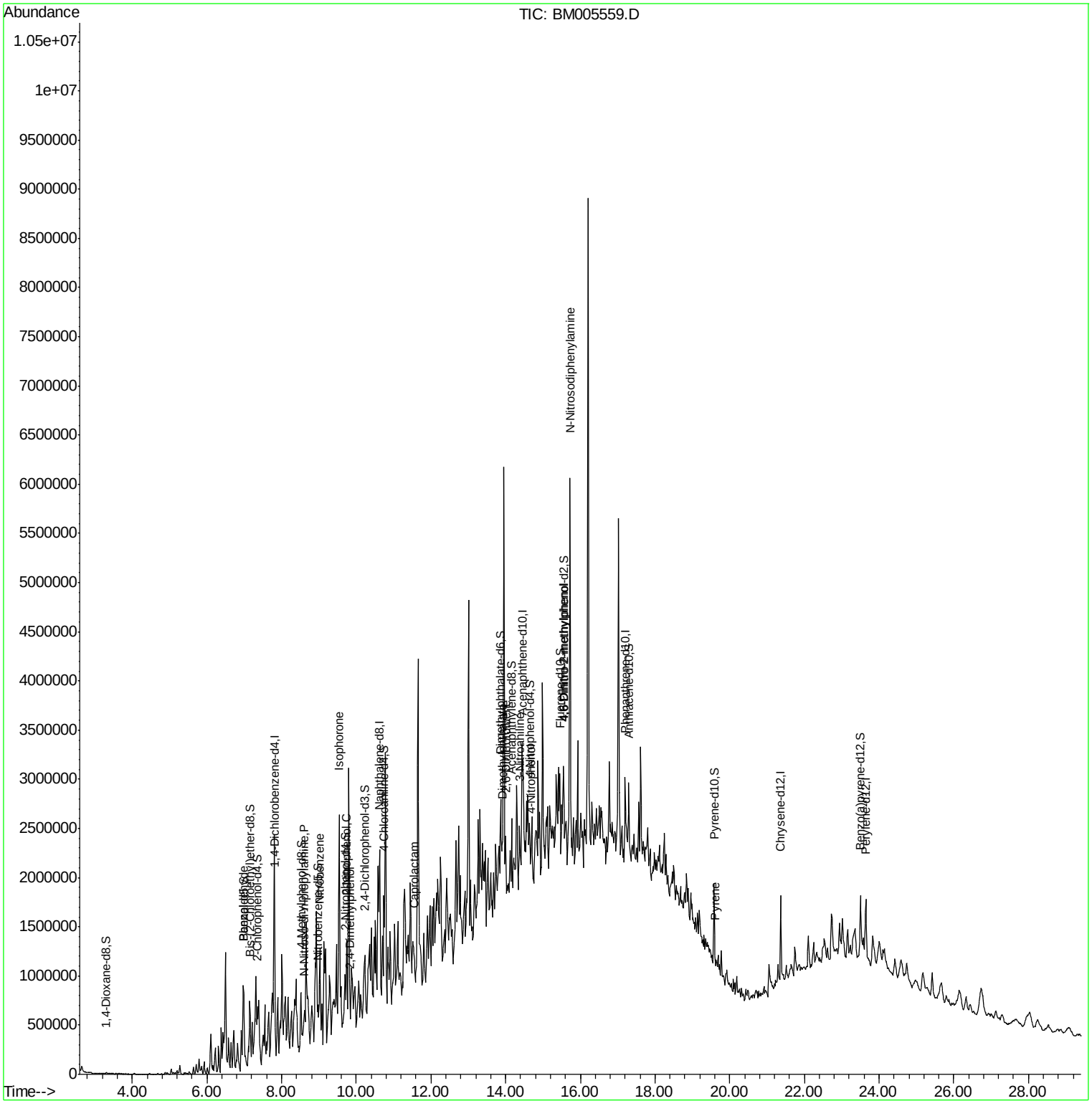
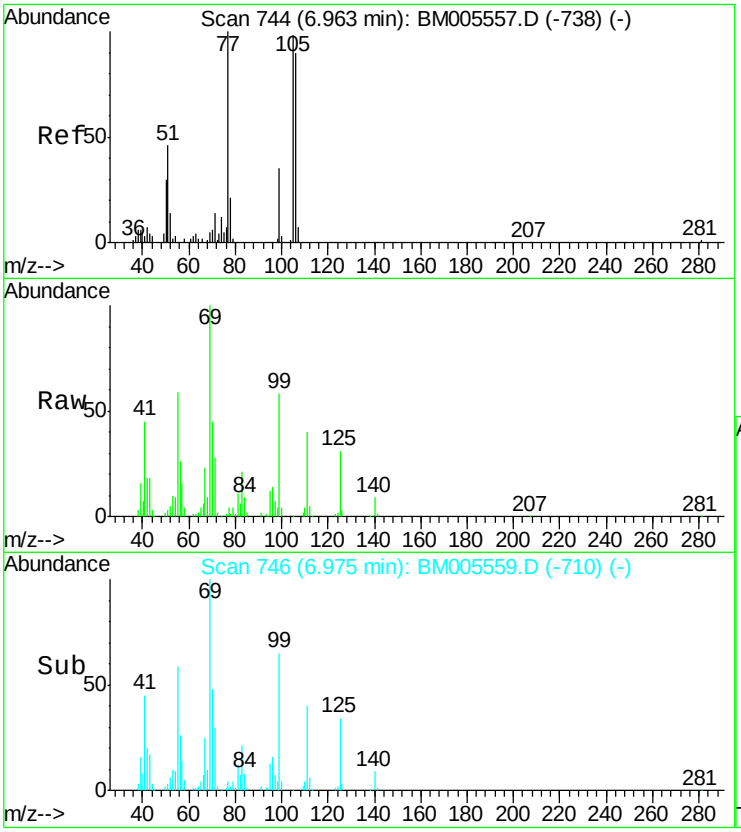
Data File : BM005559.D
Acq On : 21 May 2016 20:22
Operator : UM/SJ
Sample : H3086-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGJ1

Quant Time: May 22 05:09:59 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



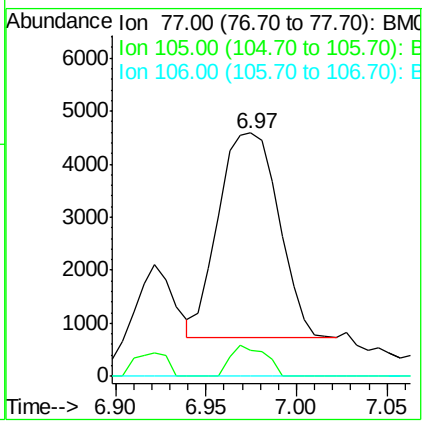


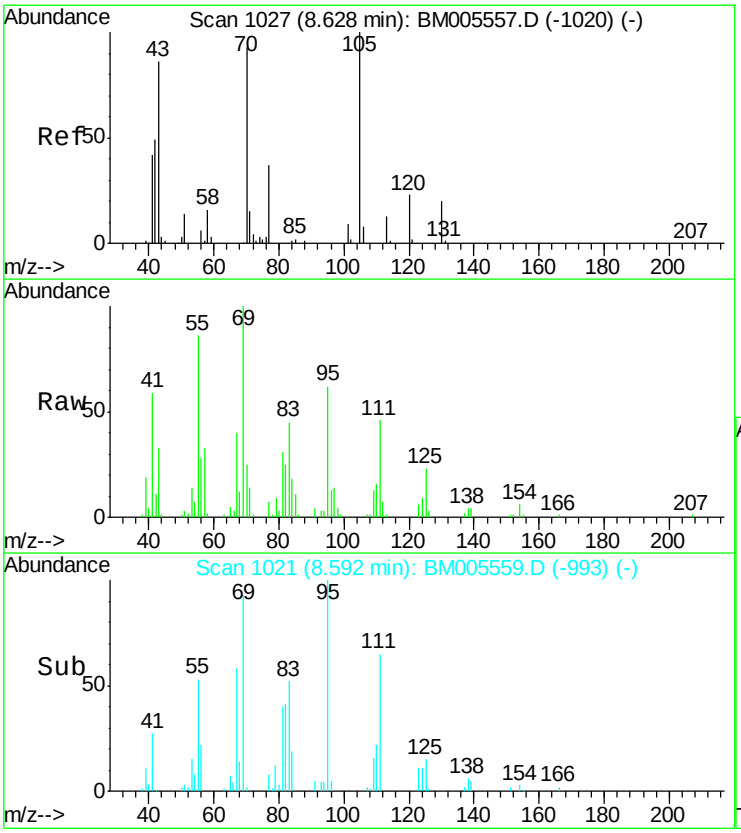
#4
Benzaldehyde
Concen: 1.87 ng/ul
RT: 6.97 min Scan# 746
Delta R.T. 0.01 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Instrument :
BNA_M
ClientSampleId :
JHGJ1

Tgt Ion: 77 Resp: 8883

Ion	Ratio	Lower	Upper
77	100		
105	10.8	79.3	118.9#
106	0.0	75.2	112.8#

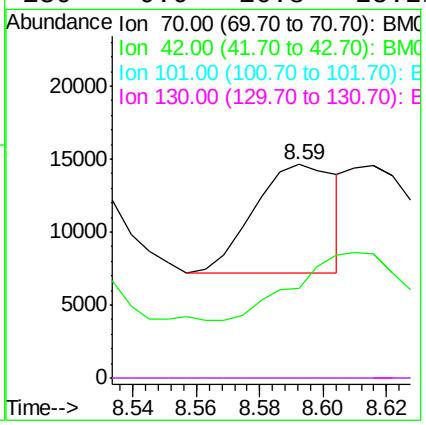


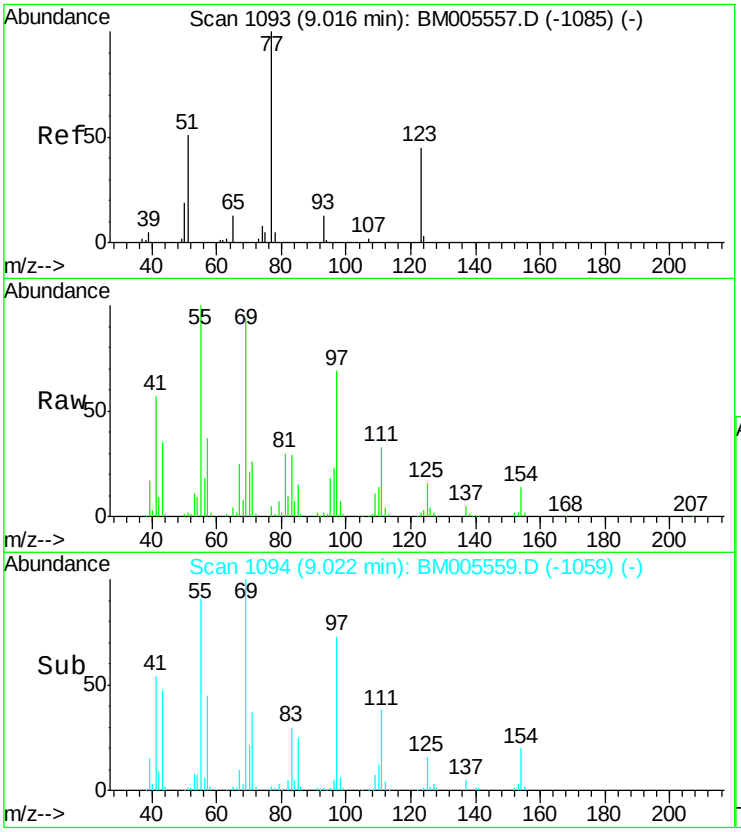


#15
N-Nitroso-di-n-propylamine
Concen: 2.80 ng/ul
RT: 8.59 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Tgt Ion: 70 Resp: 13364

Ion	Ratio	Lower	Upper
70	100		
42	42.1	46.1	69.1#
101	0.0	8.0	12.0#
130	0.0	16.8	25.2#



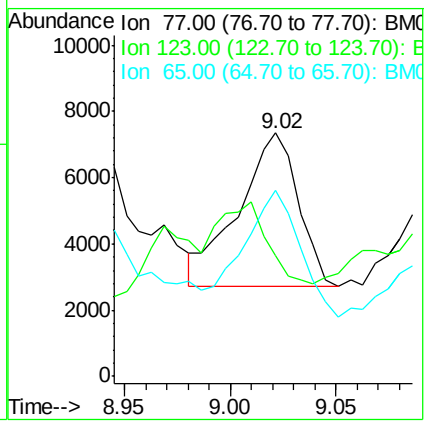


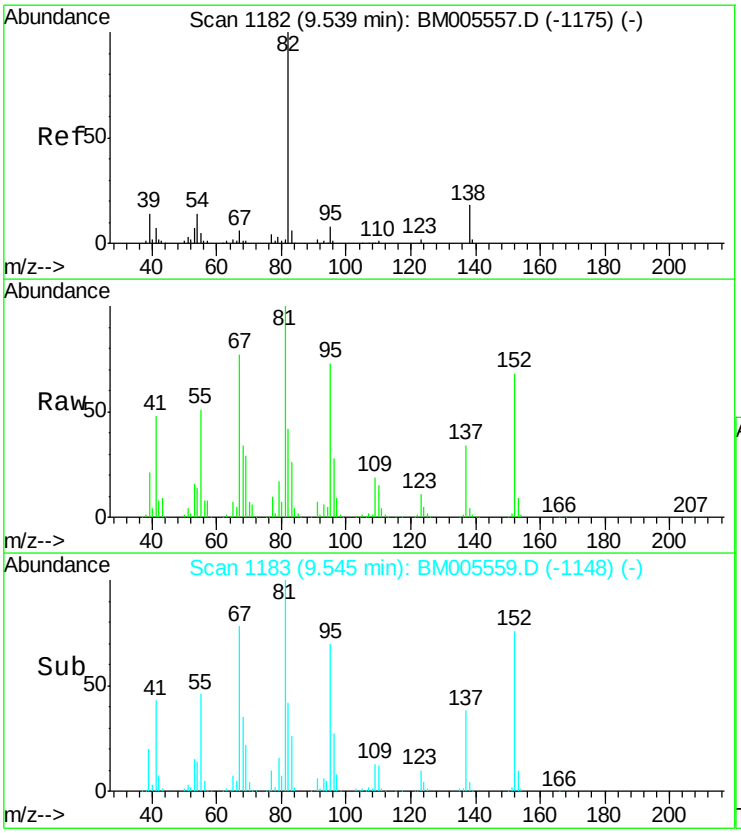
#20
Nitrobenzene
Concen: 1.41 ng/ul
RT: 9.02 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Instrument :
BNA_M
ClientSampleId :
JHGJ1

Tgt Ion: 77 Resp: 9092

Ion	Ratio	Lower	Upper
77	100		
123	49.4	35.3	52.9
65	76.3	11.2	16.8#

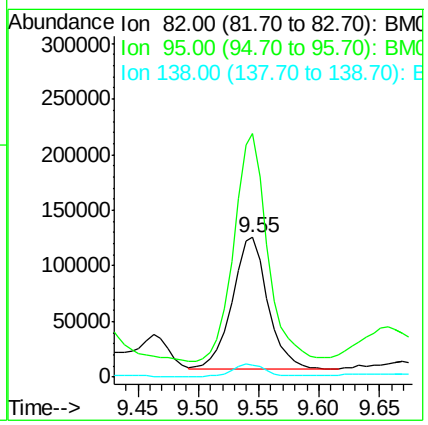


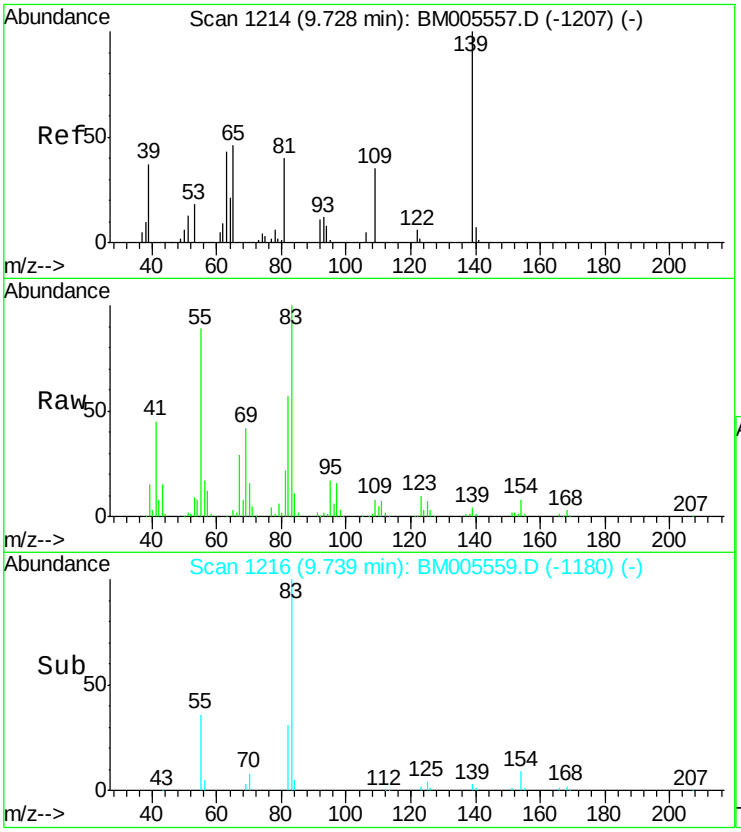


#21
Isophorone
Concen: 20.34 ng/ul
RT: 9.55 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Tgt Ion: 82 Resp: 245125

Ion	Ratio	Lower	Upper
82	100		
95	174.4	6.4	9.6#
138	8.8	13.8	20.6#



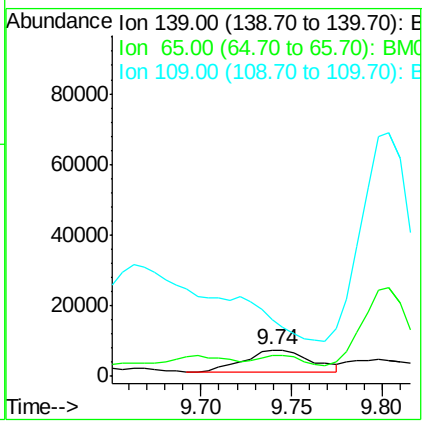


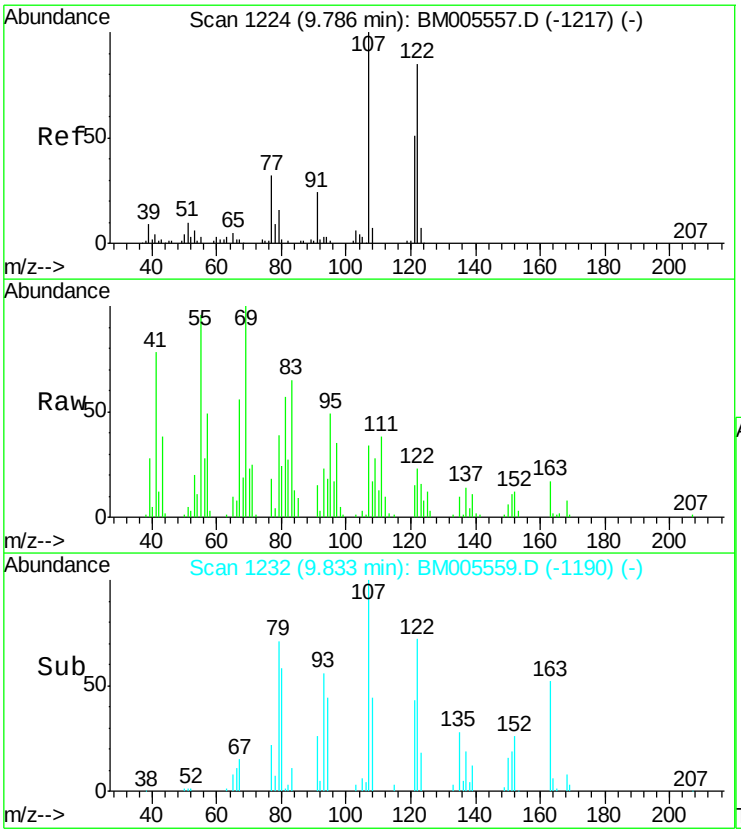
#23
2-Nitrophenol
Concen: 5.23 ng/ul
RT: 9.74 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Instrument :
BNA_M
ClientSampleId :
JHGJ1

Tgt Ion:139 Resp: 16464

Ion	Ratio	Lower	Upper
139	100		
65	76.9	45.2	67.8#
109	214.3	30.8	46.2#

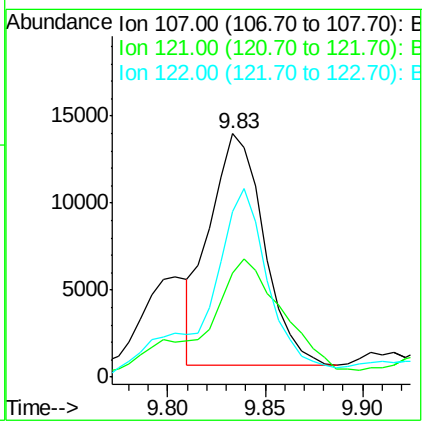


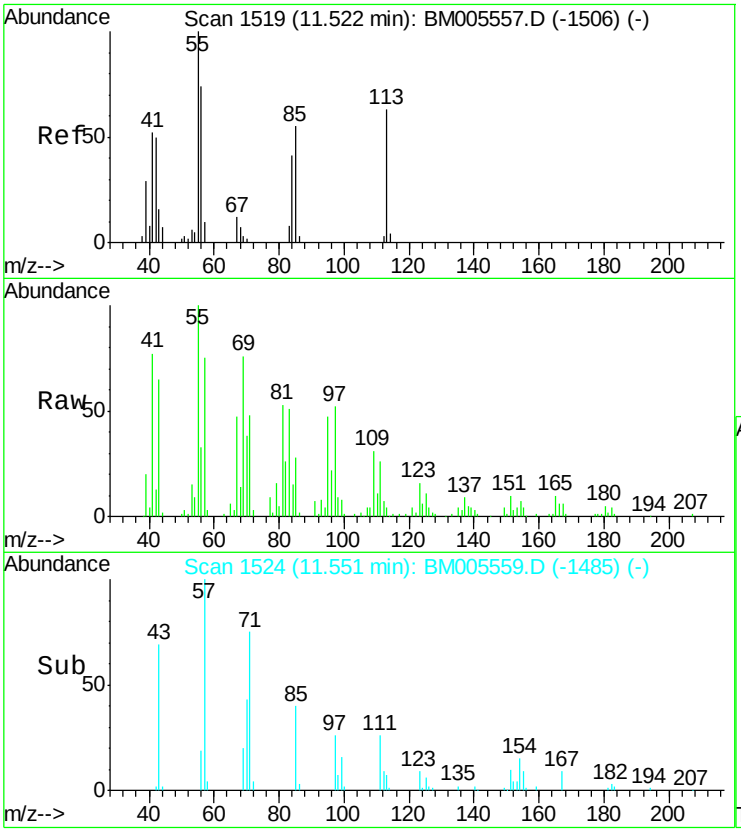


#24
2,4-Dimethylphenol
Concen: 3.97 ng/ul
RT: 9.83 min Scan# 1232
Delta R.T. 0.05 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Tgt Ion:107 Resp: 25810

Ion	Ratio	Lower	Upper
107	100		
121	42.6	37.5	56.3
122	68.0	66.9	100.3



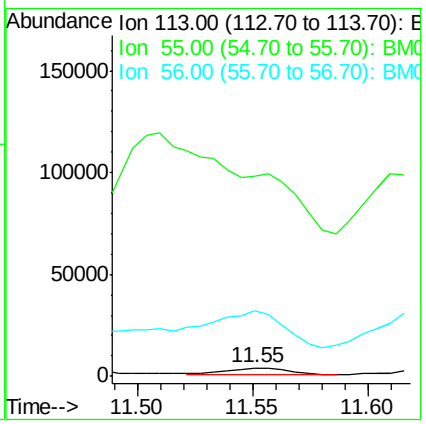


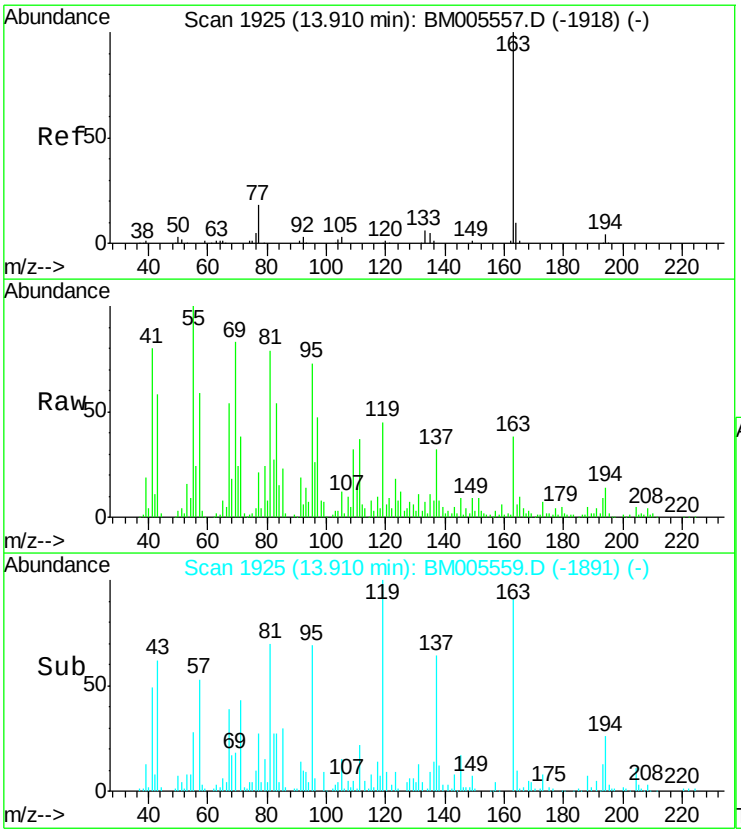
#32
Caprolactam
Concen: 3.11 ng/ul
RT: 11.55 min Scan# 1524
Delta R.T. 0.03 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Instrument :
BNA_M
ClientSampleId :
JHGJ1

Tgt Ion:113 Resp: 5642

Ion	Ratio	Lower	Upper
113	100		
55	2420.3	124.6	187.0#
56	786.6	95.2	142.8#

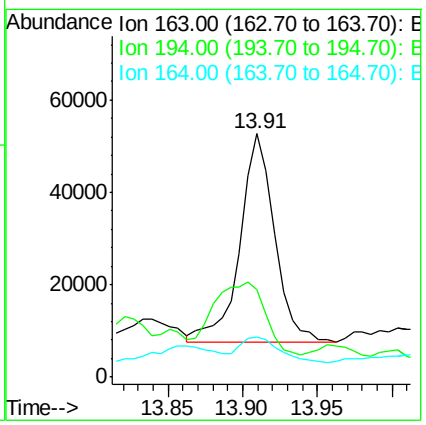


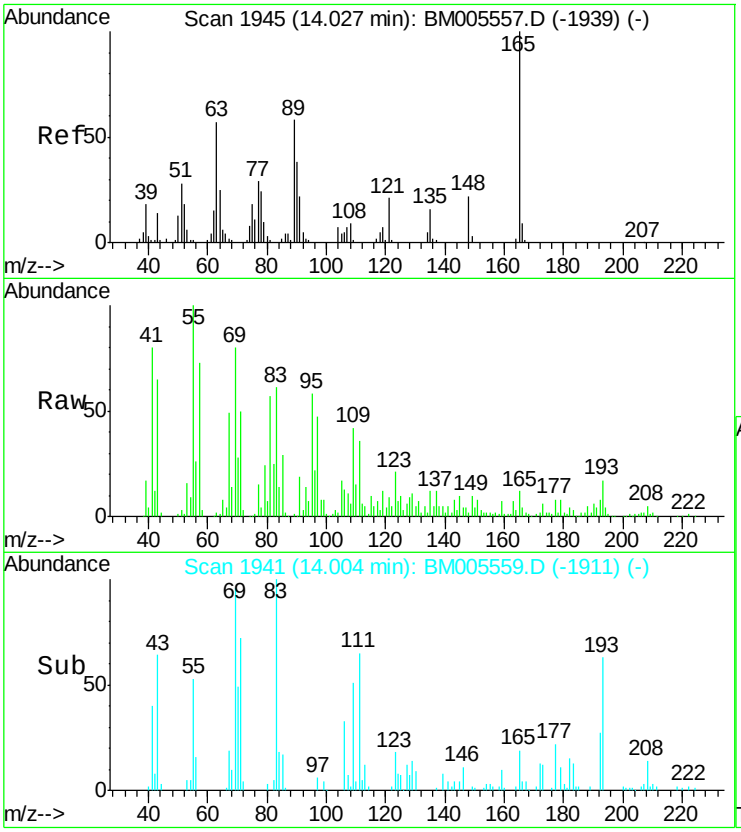


#44
Dimethylphthalate
Concen: 5.27 ng/ul
RT: 13.91 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Tgt Ion:163 Resp: 72525

Ion	Ratio	Lower	Upper
163	100		
194	35.7	3.4	5.0#
164	16.6	8.0	12.0#



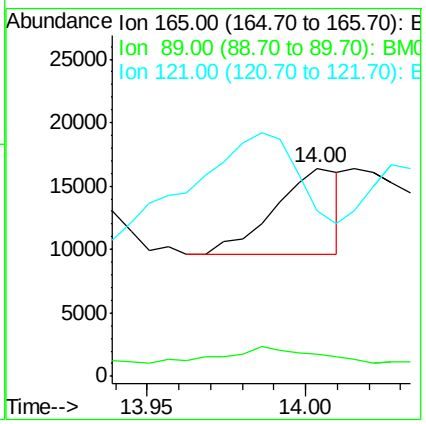


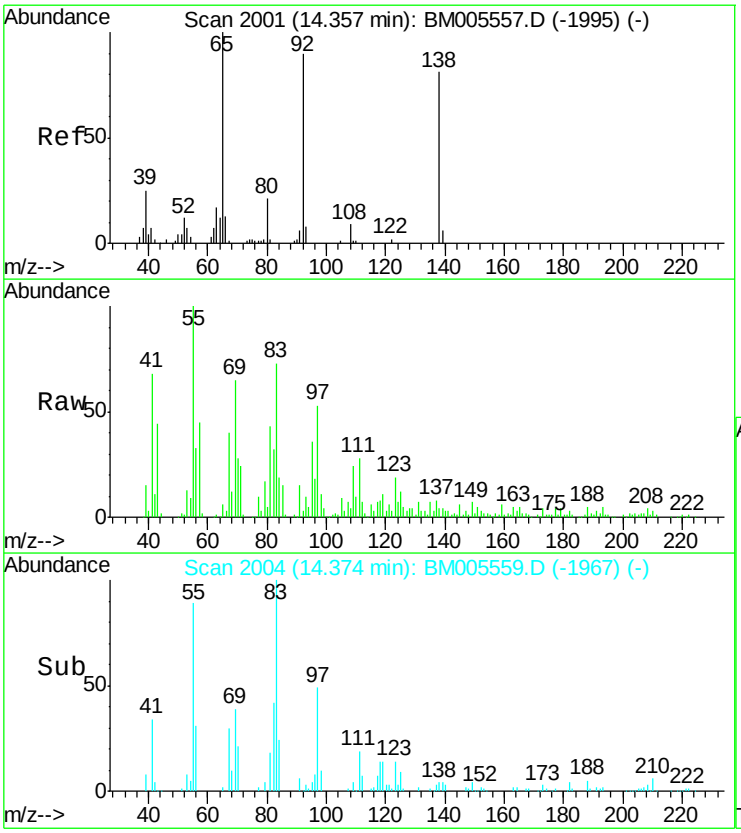
#45
2,6-Dinitrotoluene
Concen: 3.56 ng/ul
RT: 14.00 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Instrument :
BNA_M
ClientSampleId :
JHGJ1

Tgt Ion:165 Resp: 9889

Ion	Ratio	Lower	Upper
165	100		
89	10.5	48.2	72.2#
121	79.4	17.4	26.0#

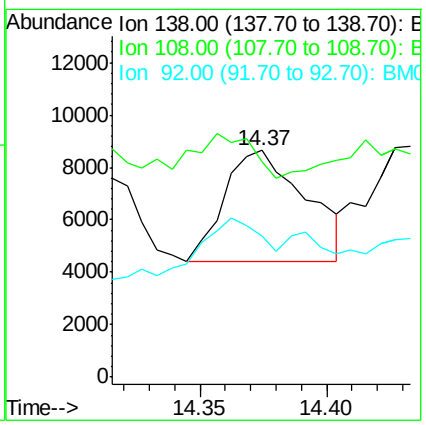


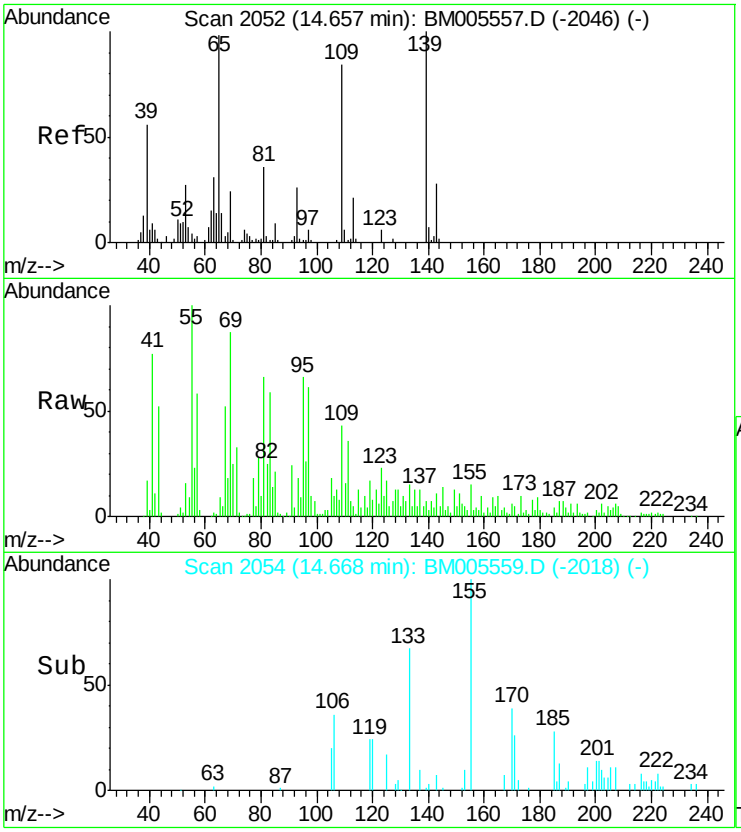


#48
3-Nitroaniline
Concen: 3.70 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Tgt Ion:138 Resp: 9531

Ion	Ratio	Lower	Upper
138	100		
108	95.3	9.1	13.7#
92	62.0	92.8	139.2#



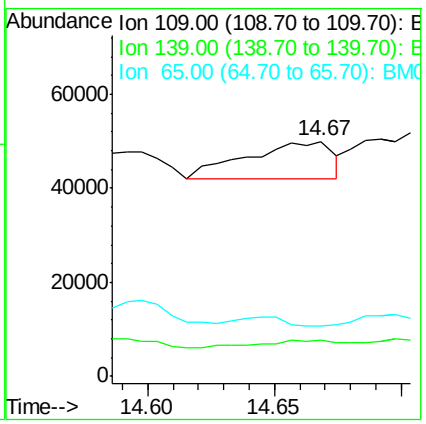


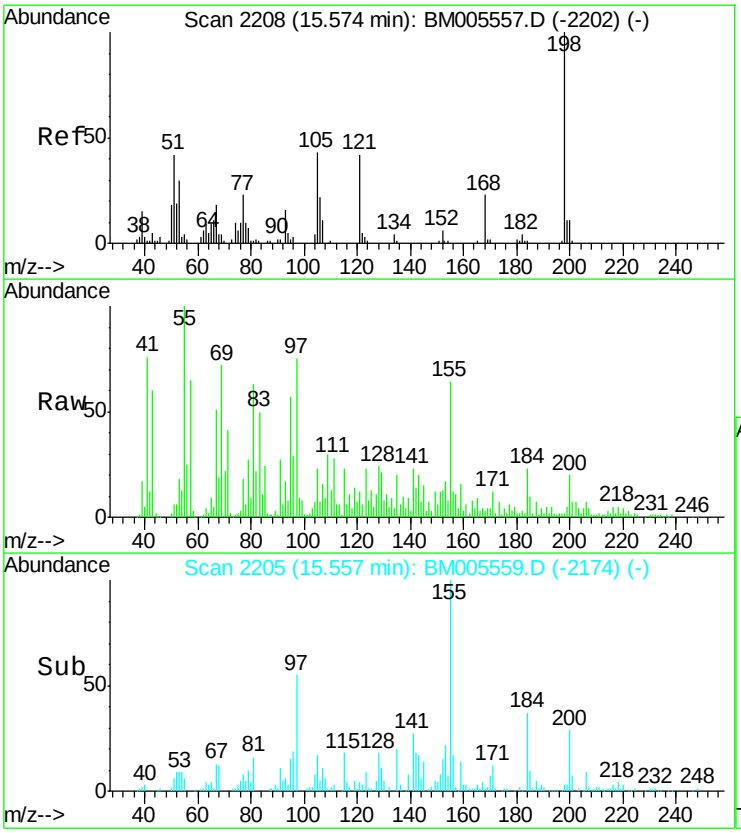
#52
4-Nitrophenol
Concen: 6.91 ng/ul
RT: 14.67 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Instrument :
BNA_M
ClientSampleId :
JHGJ1

Tgt Ion:109 Resp: 18283

Ion	Ratio	Lower	Upper
109	100		
139	15.4	87.5	131.3#
65	21.5	90.2	135.2#

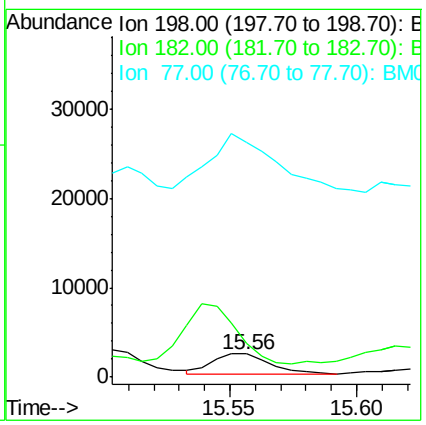


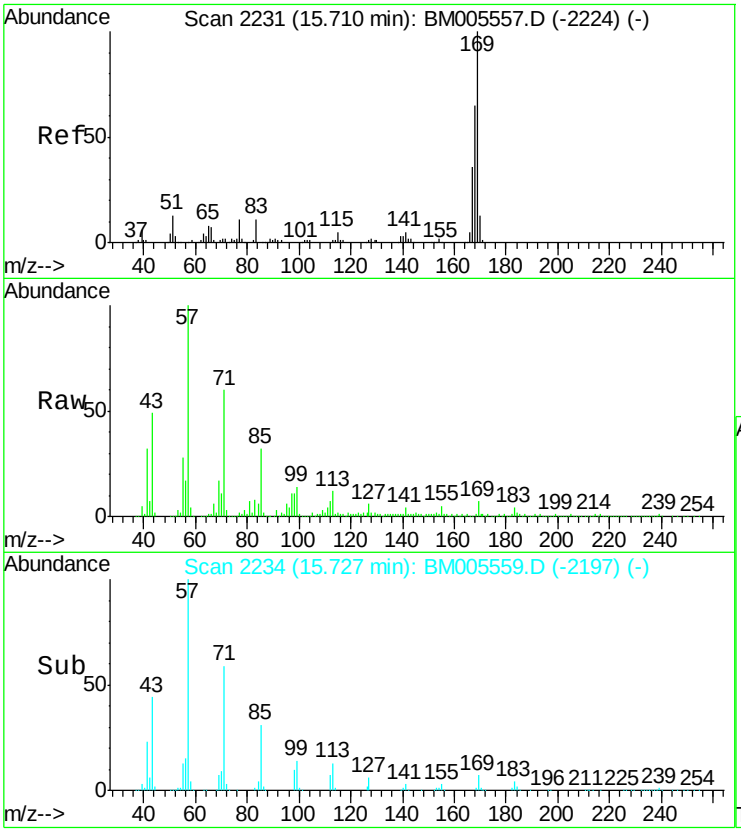


#63
4,6-Dinitro-2-methylphenol
Concen: 1.62 ng/ul
RT: 15.56 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Tgt Ion:198 Resp: 3450

Ion	Ratio	Lower	Upper
198	100		
182	143.4	2.5	3.7#
77	1002.5	21.8	32.8#



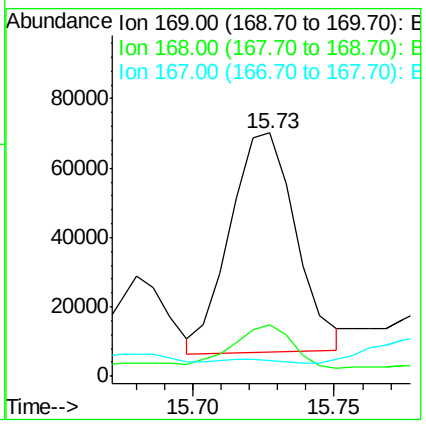


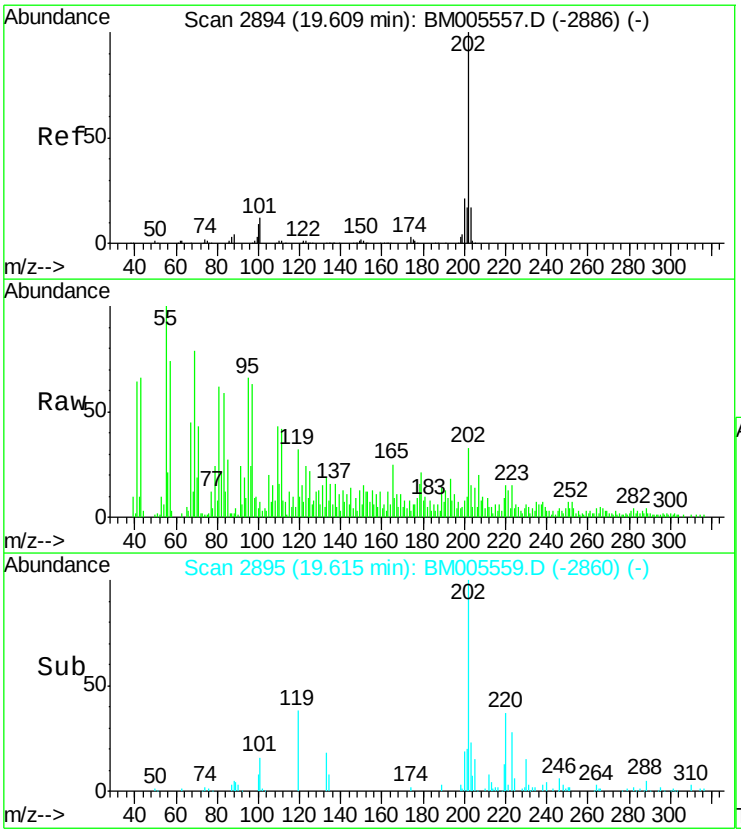
#64
N-Nitrosodiphenylamine
Concen: 9.58 ng/ul
RT: 15.73 min Scan# 2234
Delta R.T. 0.02 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Instrument :
BNA_M
ClientSampleId :
JHGJ1

Tgt Ion:169 Resp: 102482

Ion	Ratio	Lower	Upper
169	100		
168	21.0	53.2	79.8#
167	6.3	28.9	43.3#





#77
Pyrene
Concen: 1.00 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. 0.01 min
Lab File: BM005559.D
Acq: 21 May 2016 20:22

Tgt Ion:202 Resp: 24185

Ion	Ratio	Lower	Upper
202	100		
101	20.5	9.6	14.4#
100	11.5	7.8	11.6