

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011017\
 Data File : BM008760.D
 Acq On : 10 Jan 2017 04:02
 Operator : UM/SJ
 Sample : I1061-10MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA974MSD

Quant Time: Jan 10 05:43:53 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 10 05:39:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	91454	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	387646	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.59	164	290536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	654081	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	830233	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	801964	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	3799	1.92	ng/uL	0.00
5) Phenol-d5	7.10	99	82264	10.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	147488	28.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	131715	25.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	111784	19.18	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	68717	28.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	81696	31.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	159144	26.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	13457	2.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	594105	31.00	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	677418	29.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	34573	11.03	ng/ul	0.00
57) Fluorene-d10	15.57	176	524531	29.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	111829	33.17	ng/ul	0.00
70) Anthracene-d10	17.42	188	916313	32.52	ng/ul	0.00
76) Pyrene-d10	19.71	212	1182978	32.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1177524	36.00	ng/ul	0.00

Target Compounds

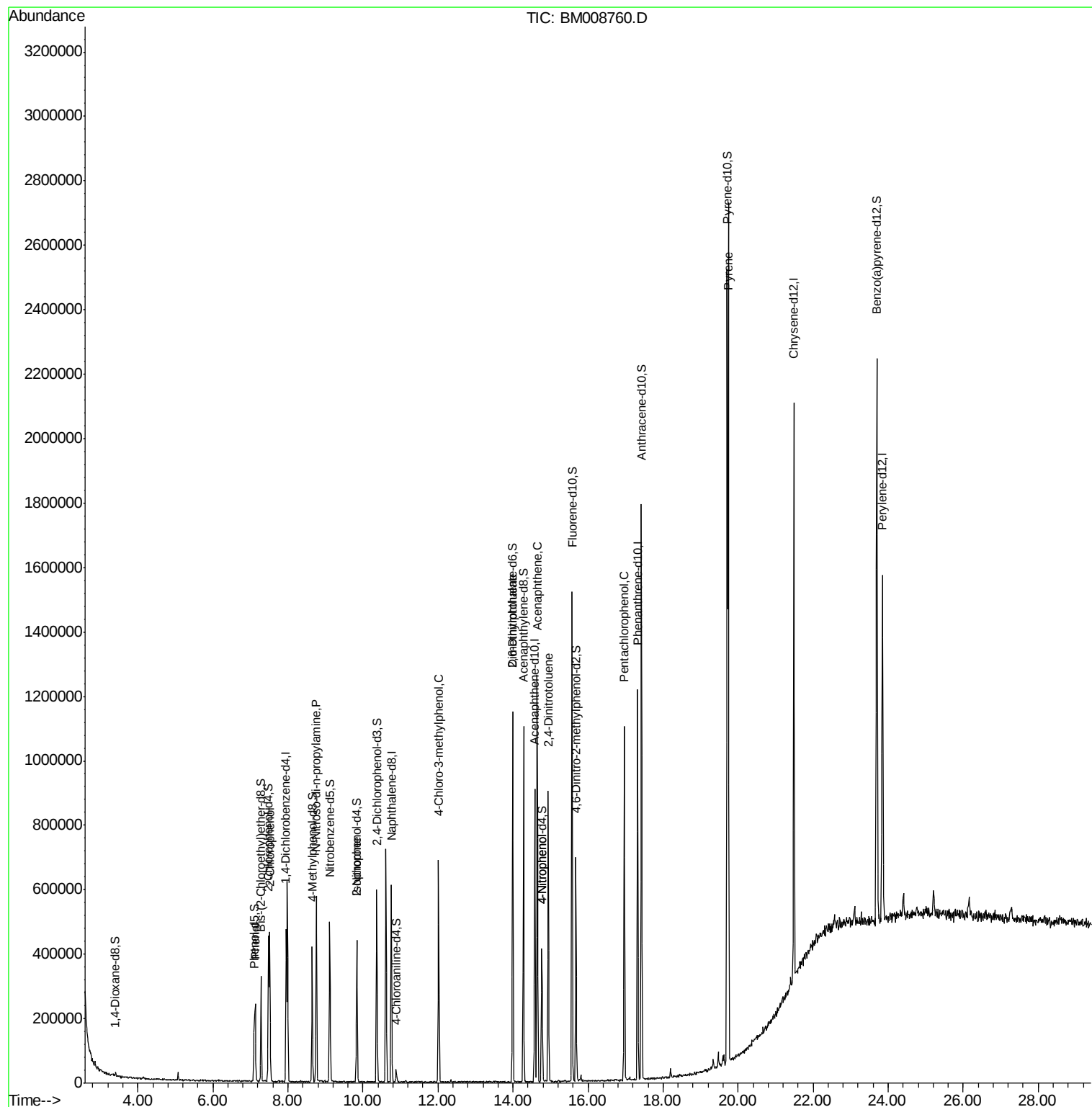
						Qvalue
6) Phenol	7.13	94	86893	10.76	ng/ul#	67
10) 2-Chlorophenol	7.52	128	132589	24.74	ng/ul#	77
15) N-Nitroso-di-n-propylamine	8.76	70	180712	31.09	ng/ul#	79
21) Isophorone	9.83	82	16233	1.08	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.02	107	188622	26.48	ng/ul#	87
45) 2,6-Dinitrotoluene	13.99	165	4517	1.35	ng/ul#	33
49) Acenaphthene	14.64	153	445888	29.08	ng/ul	97
52) 4-Nitrophenol	14.77	109	67935	13.02	ng/ul#	66
54) 2,4-Dinitrotoluene	14.94	165	168596	33.28	ng/ul#	83
68) Pentachlorophenol	16.97	266	158916	33.31	ng/ul	94
77) Pyrene	19.74	202	1482880	33.21	ng/ul#	92

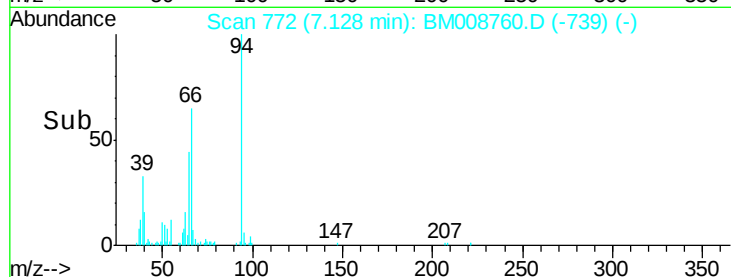
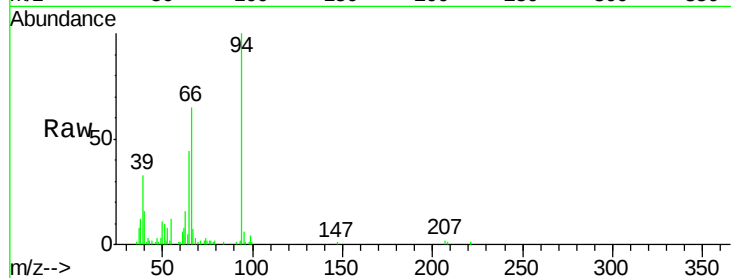
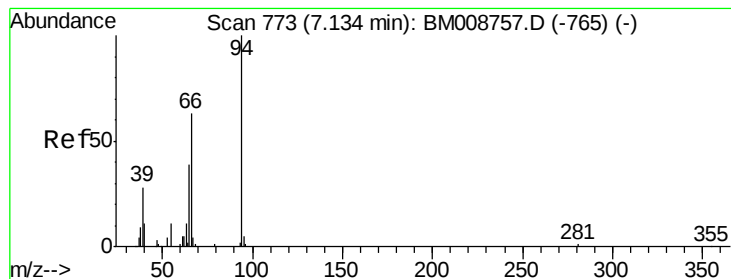
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 10.76 ng/ul

RT: 7.13 min Scan# 772

Delta R.T. -0.01 min

Lab File: BM008760.D

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BNA_M

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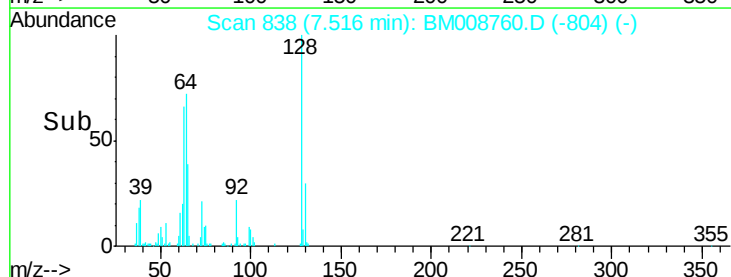
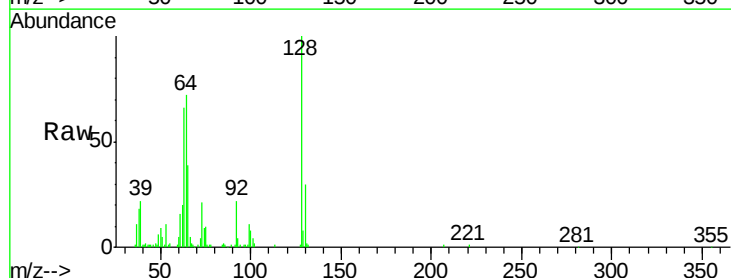
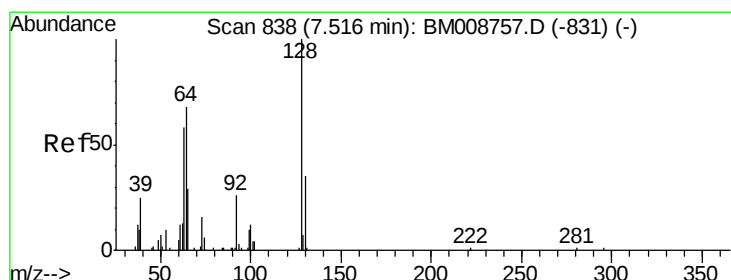
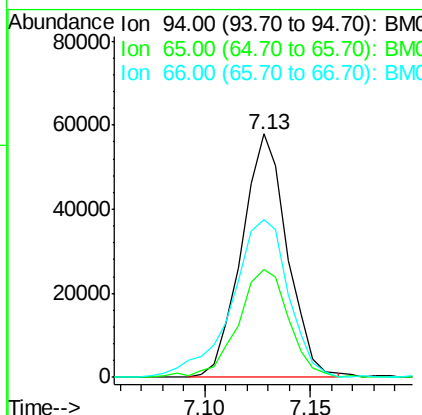
Tgt Ion: 94 Resp: 86893

Ion Ratio Lower Upper

94 100

65 44.2 23.1 34.7#

66 65.1 33.7 50.5#



#10

2-Chlorophenol

Concen: 24.74 ng/ul

RT: 7.52 min Scan# 838

Delta R.T. -0.00 min

Lab File: BM008760.D

Acq: 10 Jan 2017 04:02

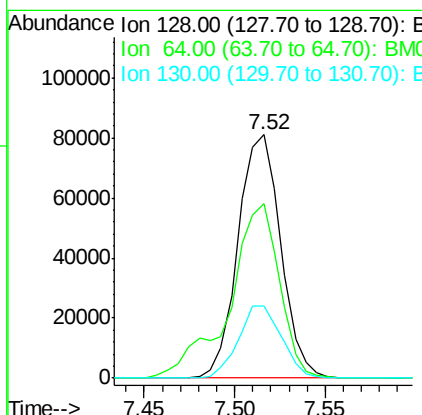
Tgt Ion: 128 Resp: 132589

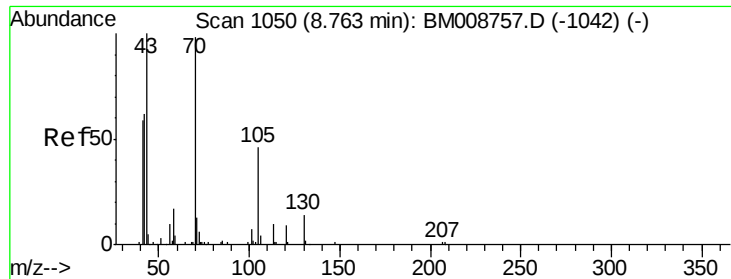
Ion Ratio Lower Upper

128 100

64 71.6 38.7 58.1#

130 29.5 26.9 40.3

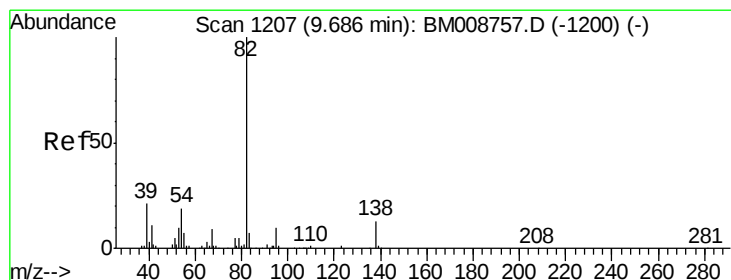
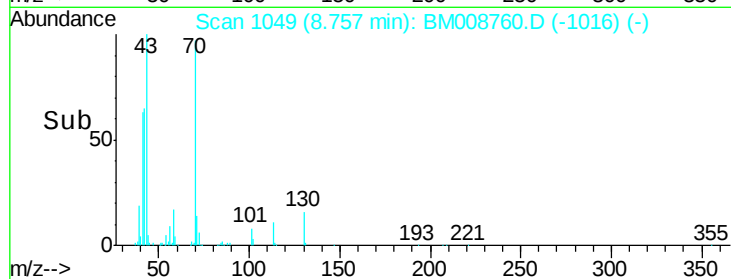
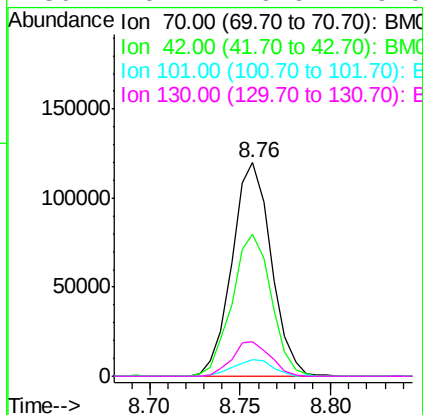
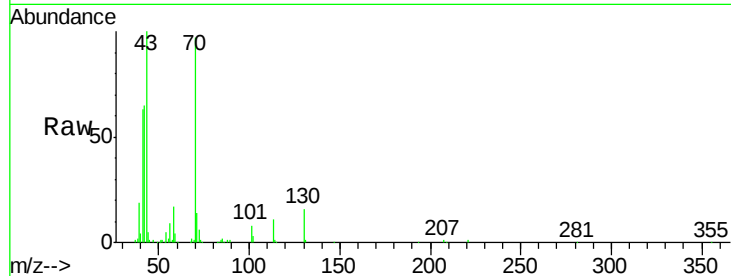




#15
N-Nitroso-di-n-propylamine
Concen: 31.09 ng/ul
RT: 8.76 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BM008760.D
Acq: 10 Jan 2017 04:02

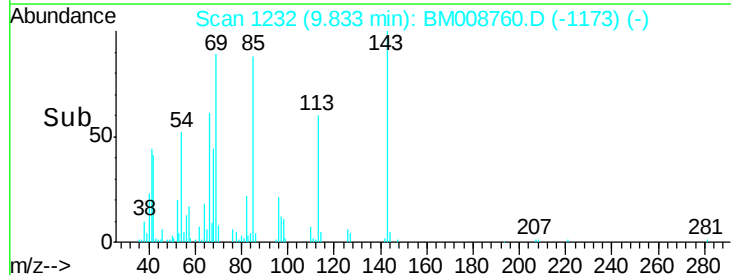
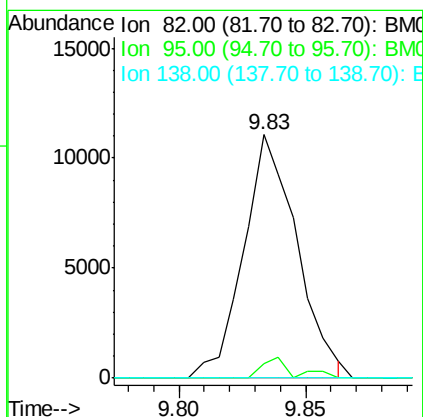
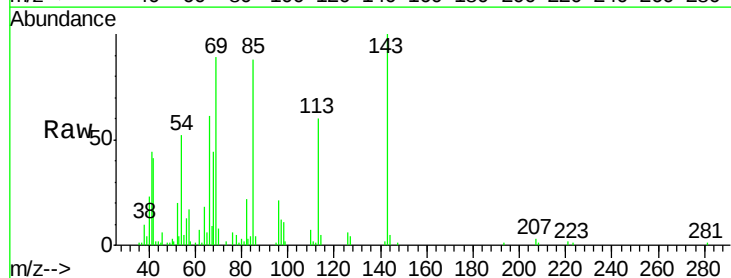
Instrument :
BNA_M
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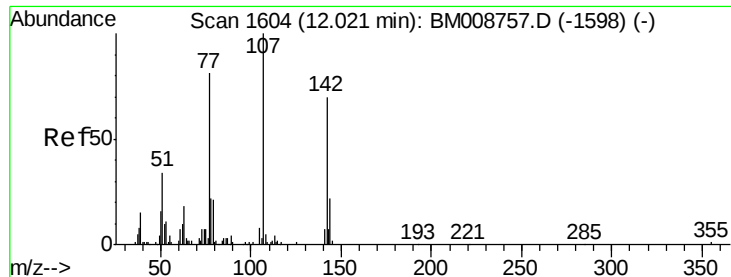
Tgt Ion: 70 Resp: 180712
Ion Ratio Lower Upper
70 100
42 66.5 37.5 56.3#
101 7.9 7.8 11.8
130 16.1 16.6 25.0#



#21
Isophorone
Concen: 1.08 ng/ul
RT: 9.83 min Scan# 1232
Delta R.T. 0.15 min
Lab File: BM008760.D
Acq: 10 Jan 2017 04:02

Tgt Ion: 82 Resp: 16233
Ion Ratio Lower Upper
82 100
95 6.2 6.1 9.1
138 0.0 13.4 20.2#

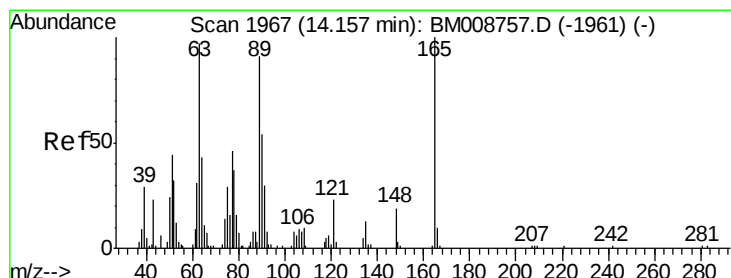
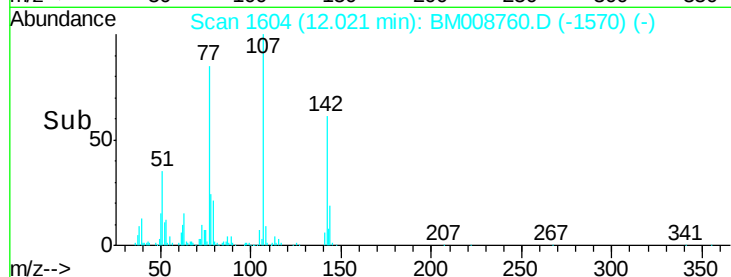
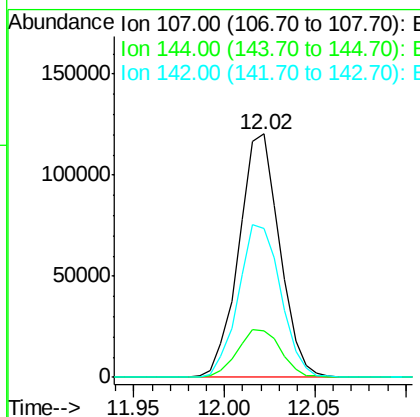
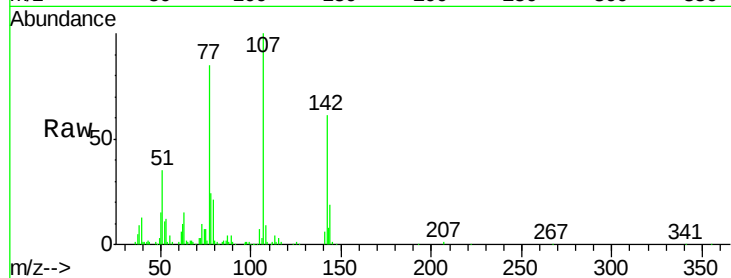




#33
 4-Chloro-3-methylphenol
 Concen: 26.48 ng/ul
 RT: 12.02 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BM008760.D
 Acq: 10 Jan 2017 04:02

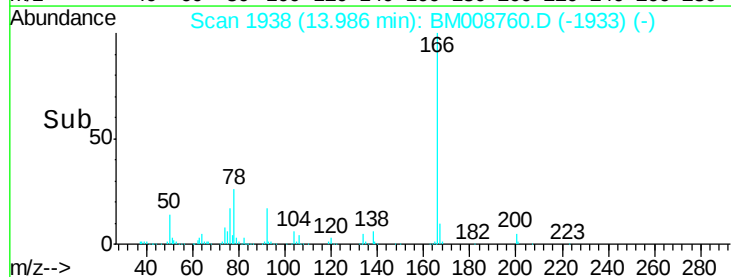
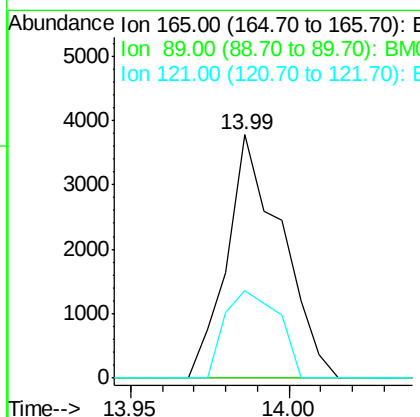
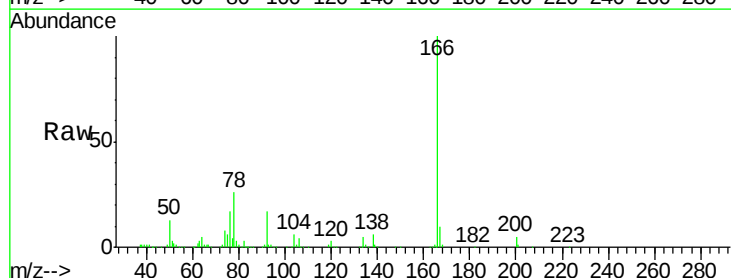
Instrument :
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 DA974MSD

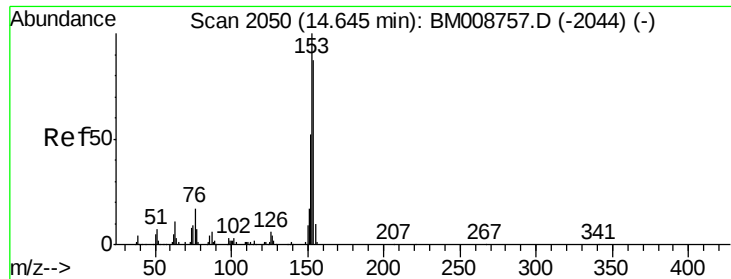
Tgt Ion:107 Resp: 188622
 Ion Ratio Lower Upper
 107 100
 144 19.1 19.4 29.2#
 142 61.2 58.0 87.0



#45
 2,6-Dinitrotoluene
 Concen: 1.35 ng/ul
 RT: 13.99 min Scan# 1938
 Delta R.T. -0.17 min
 Lab File: BM008760.D
 Acq: 10 Jan 2017 04:02

Tgt Ion:165 Resp: 4517
 Ion Ratio Lower Upper
 165 100
 89 0.0 50.6 76.0#
 121 35.7 18.2 27.2#





#49

Acenaphthene

Concen: 29.08 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BM008760.D

Acq: 10 Jan 2017 04:02

Instrument :

BNA_M

ClientSampleId :

DA974MSD

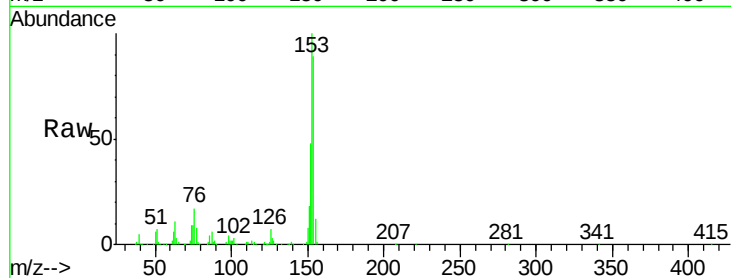
Tgt Ion:153 Resp: 445888

Ion Ratio Lower Upper

153 100

152 47.5 36.4 54.6

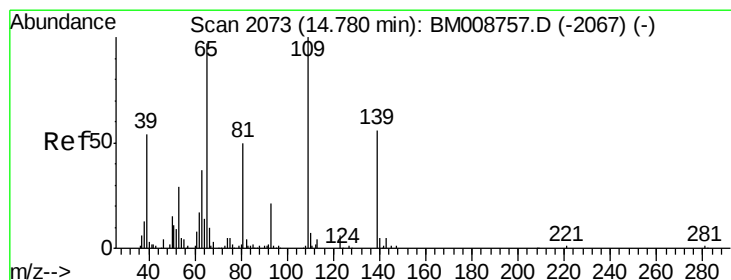
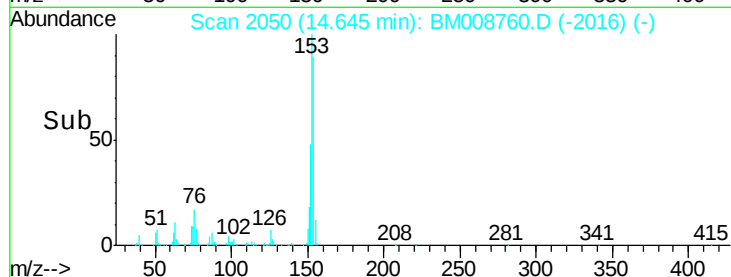
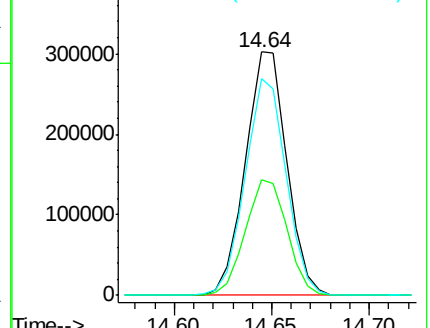
154 88.9 68.7 103.1



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 13.02 ng/ul

RT: 14.77 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BM008760.D

Acq: 10 Jan 2017 04:02

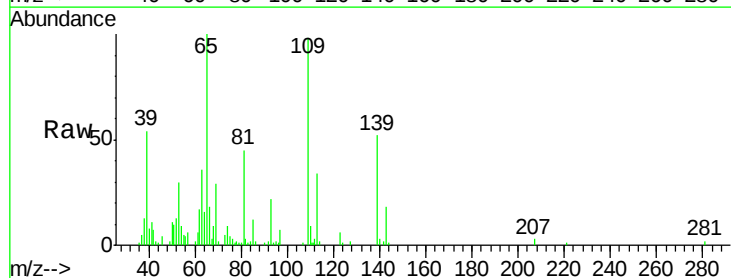
Tgt Ion:109 Resp: 67935

Ion Ratio Lower Upper

109 100

139 52.8 85.4 128.2#

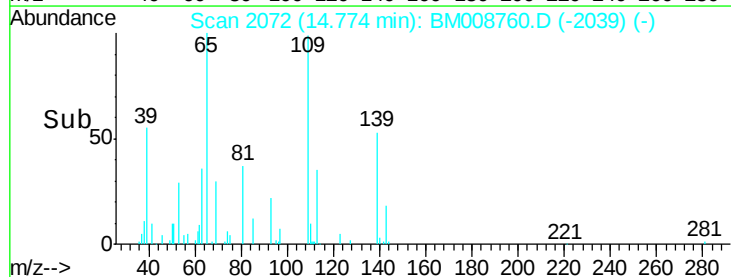
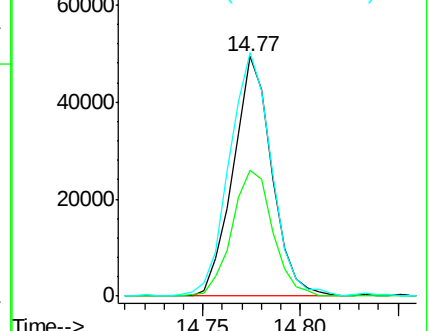
65 101.6 97.7 146.5

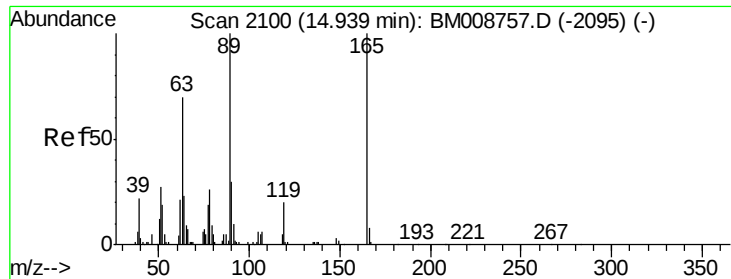


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

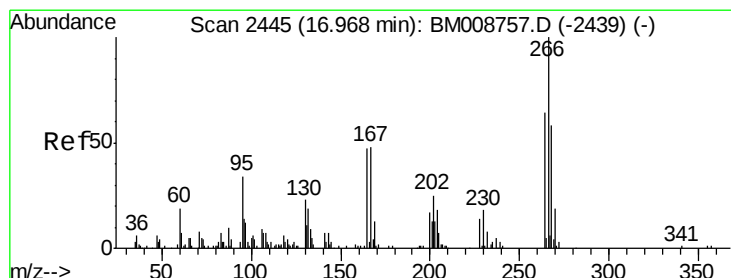
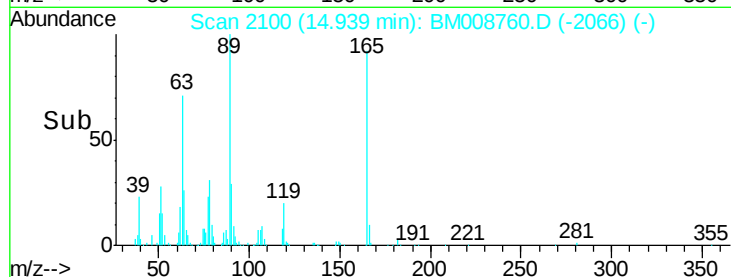
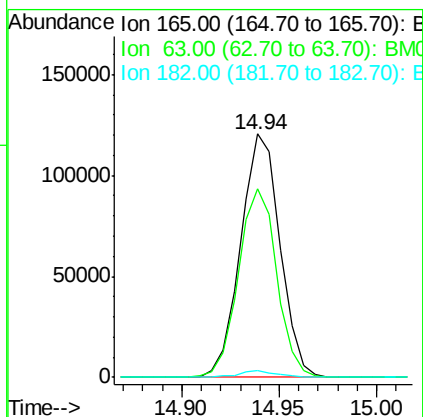
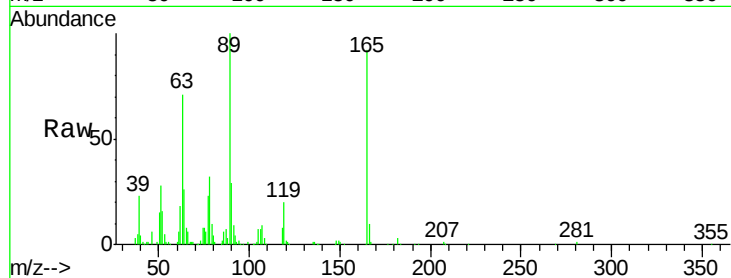




#54
 2,4-Dinitrotoluene
 Concen: 33.28 ng/ul
 RT: 14.94 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BM008760.D
 Acq: 10 Jan 2017 04:02

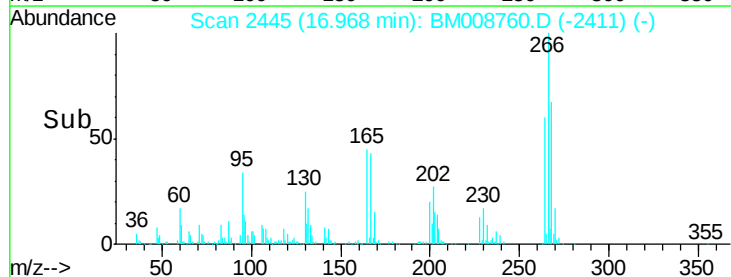
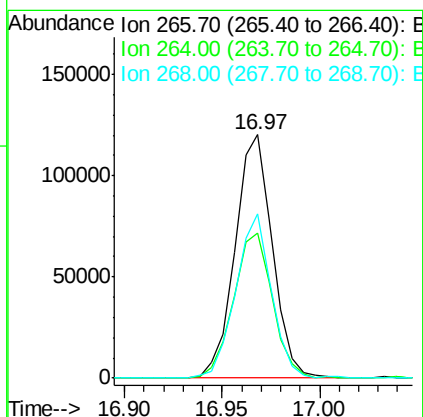
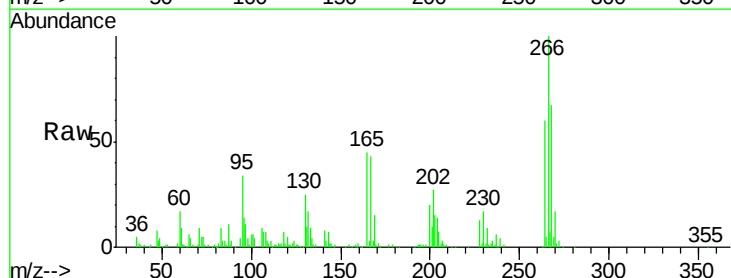
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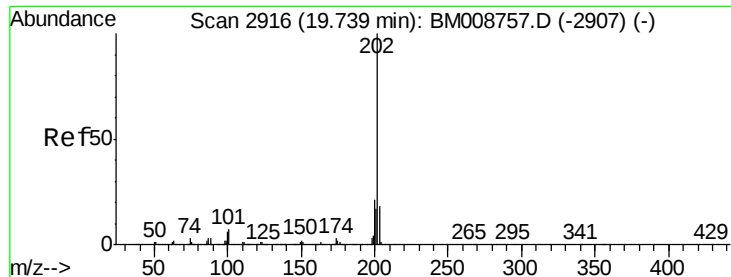
Tgt Ion:165 Resp: 168596
 Ion Ratio Lower Upper
 165 100
 63 77.5 50.6 76.0#
 182 2.9 2.7 4.1



#68
 Pentachlorophenol
 Concen: 33.31 ng/ul
 RT: 16.97 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BM008760.D
 Acq: 10 Jan 2017 04:02

Tgt Ion:266 Resp: 158916
 Ion Ratio Lower Upper
 266 100
 264 59.8 50.6 75.8
 268 67.5 49.1 73.7

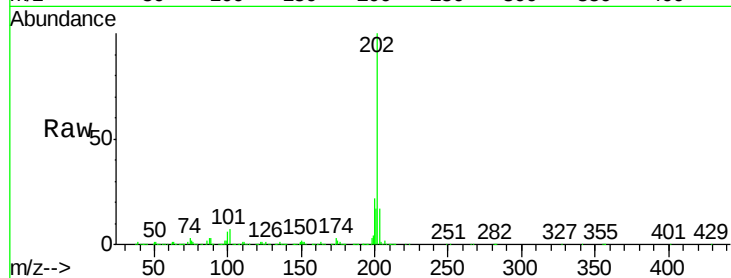




#77
 Pyrene
 Concen: 33.21 ng/ul
 RT: 19.74 min Scan# 2916
 Delta R.T. -0.00 min
 Lab File: BM008760.D
 Acq: 10 Jan 2017 04:02

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Tgt Ion: 202 Resp: 1482880
 Ion Ratio Lower Upper
 202 100
 101 7.1 8.6 12.8#
 100 5.7 6.5 9.7#



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

