

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005390.D
 Acq On : 11 May 2016 17:02
 Operator : UM/SJ
 Sample : H2834-14MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4061MS

Quant Time: May 12 03:32:32 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	84875	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	406811	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	248333	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	558908	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	467170	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	368904	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	6435	3.56	ng/uL	0.00
5) Phenol-d5	6.93	99	162034	21.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	92585	21.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	125209	21.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	136159	21.40	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	65816	22.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	76605	23.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	134324	21.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	68684	9.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	463202	23.27	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	542958	23.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	52246	14.38	ng/ul	0.00
57) Fluorene-d10	15.40	176	382188	22.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	52998	16.86	ng/ul	0.00
70) Anthracene-d10	17.25	188	569051	23.03	ng/ul	0.00
76) Pyrene-d10	19.55	212	601960	27.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	378372	23.17	ng/ul	0.00

Target Compounds

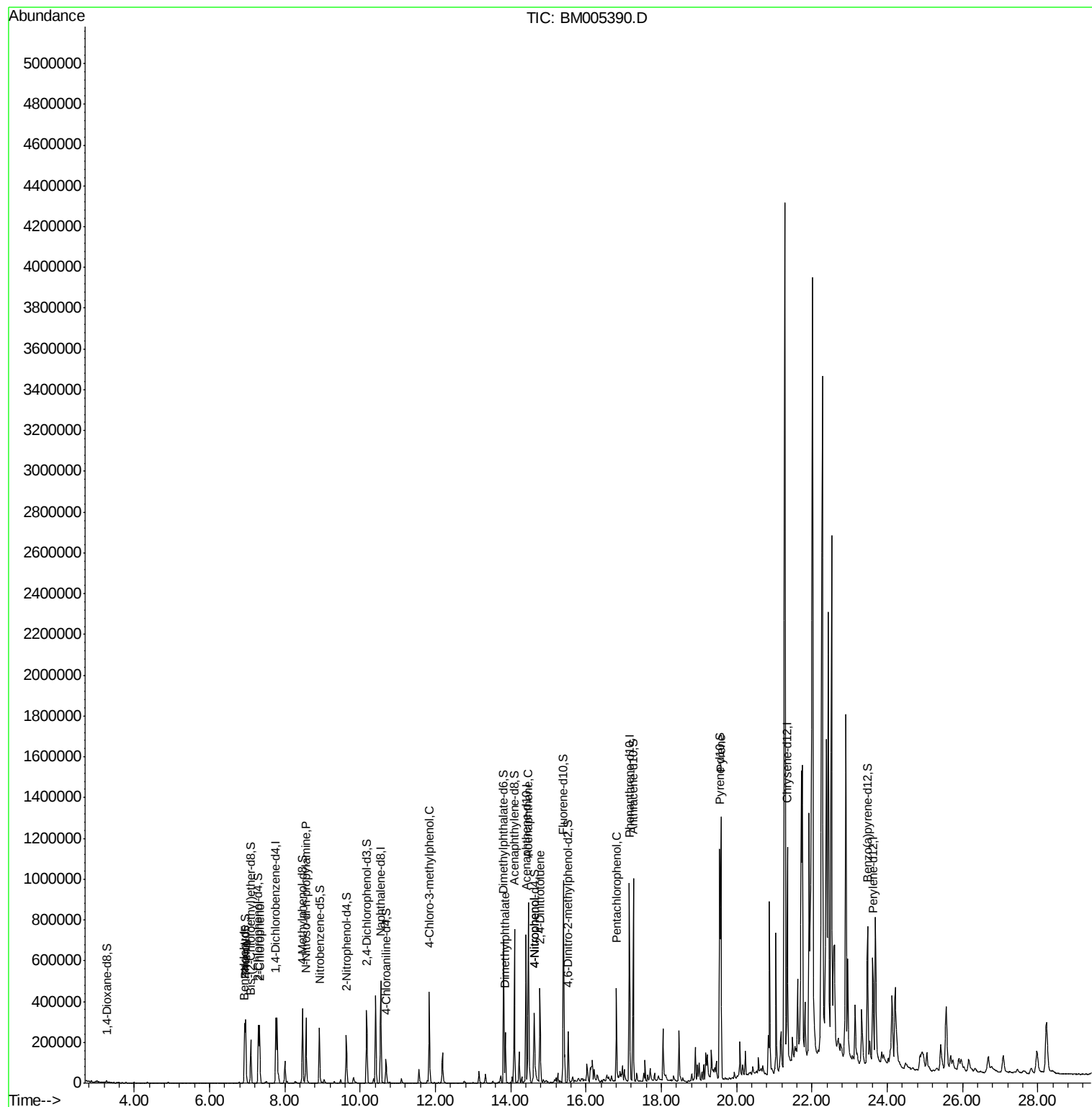
						Qvalue
4) Benzaldehyde	6.92	77	4115	1.10	ng/ul	93
6) Phenol	6.96	94	169115	21.26	ng/ul	99
10) 2-Chlorophenol	7.32	128	123753	20.81	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	124244	25.23	ng/ul	97
33) 4-Chloro-3-methylphenol	11.83	107	168186	22.41	ng/ul	98
44) Dimethylphthalate	13.86	163	150195	7.55	ng/ul	99
49) Acenaphthene	14.47	153	362970	22.30	ng/ul	99
52) 4-Nitrophenol	14.63	109	51679	17.11	ng/ul	95
54) 2,4-Dinitrotoluene	14.77	165	133898	22.89	ng/ul	96
68) Pentachlorophenol	16.80	266	76203	22.82	ng/ul	96
77) Pyrene	19.58	202	768580	28.36	ng/ul	97

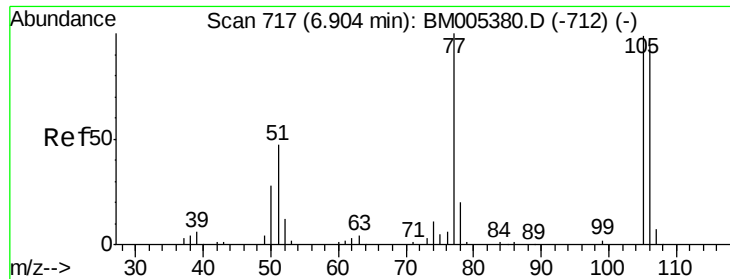
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 12 02:20:05 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.10 ng/ul

RT: 6.92 min Scan# 719

Delta R.T. 0.01 min

Lab File: BM005390.D

Acq: 11 May 2016 17:02

Instrument :

BNA_M

ClientSampleId :

H4061MS

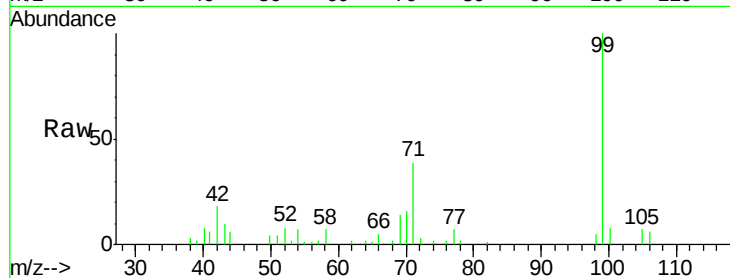
Tgt Ion: 77 Resp: 4115

Ion Ratio Lower Upper

77 100

105 101.6 77.6 116.4

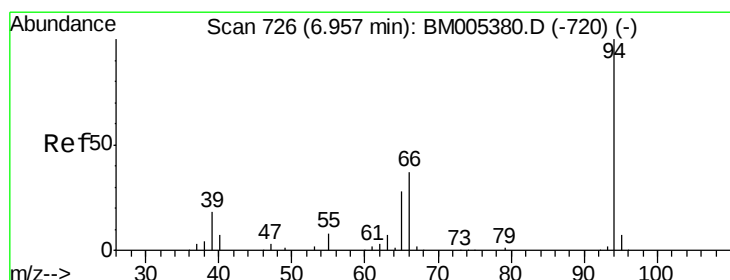
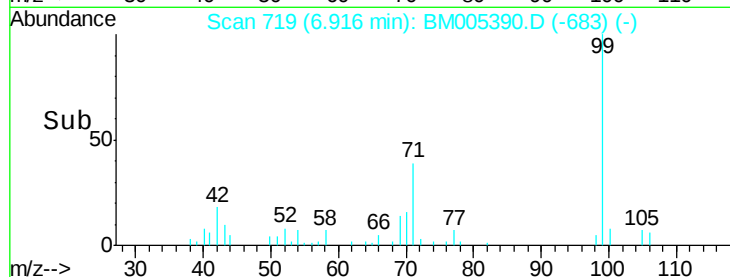
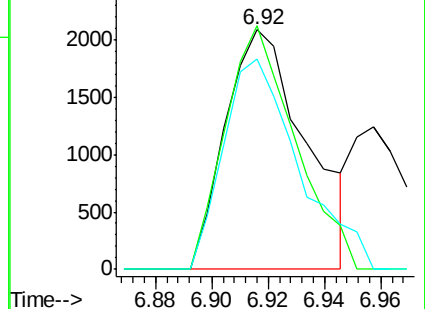
106 87.8 77.9 116.9



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) (-)



#6

Phenol

Concen: 21.26 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. 0.00 min

Lab File: BM005390.D

Acq: 11 May 2016 17:02

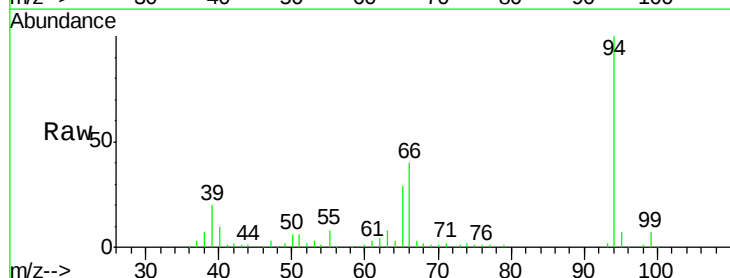
Tgt Ion: 94 Resp: 169115

Ion Ratio Lower Upper

94 100

65 28.6 22.7 34.1

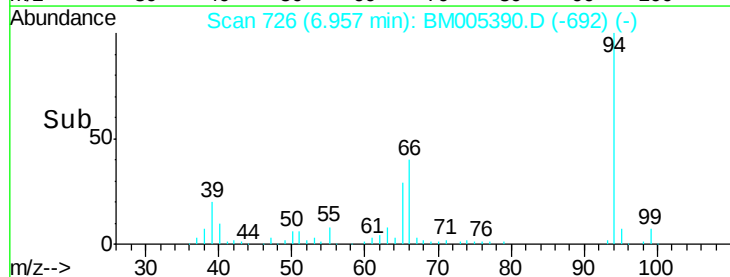
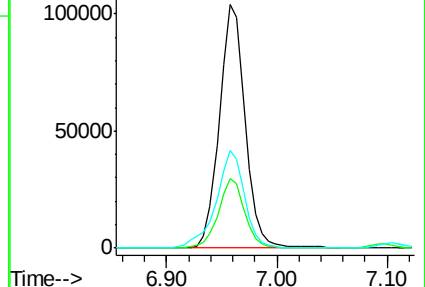
66 40.2 31.7 47.5

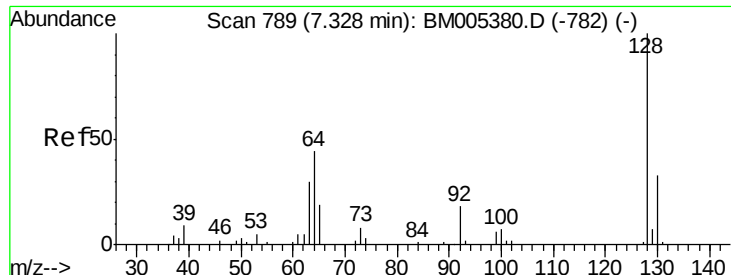


Abundance Ion 94.00 (93.70 to 94.70): BM005380.D (-720) (-)

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

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

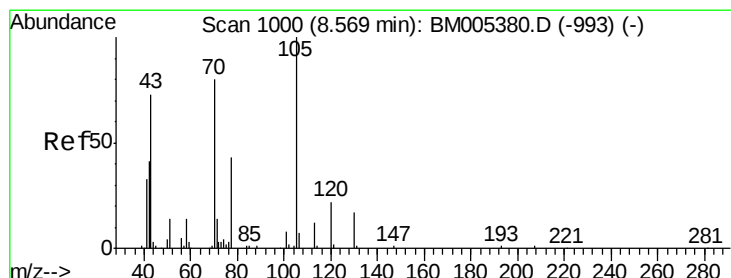
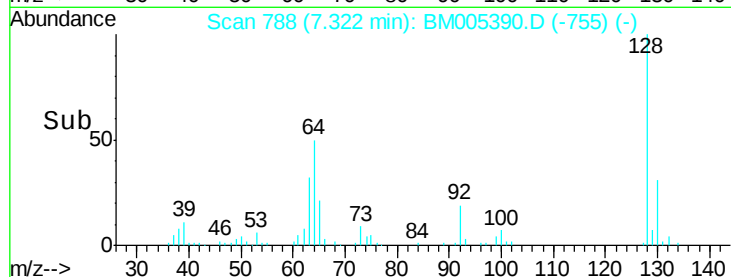
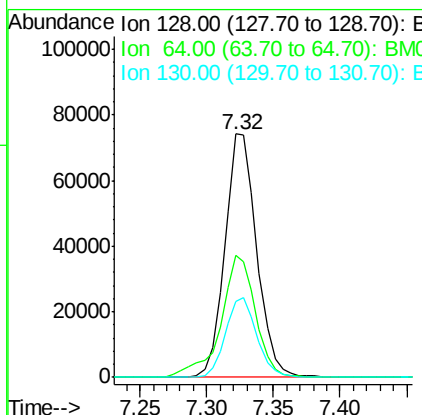
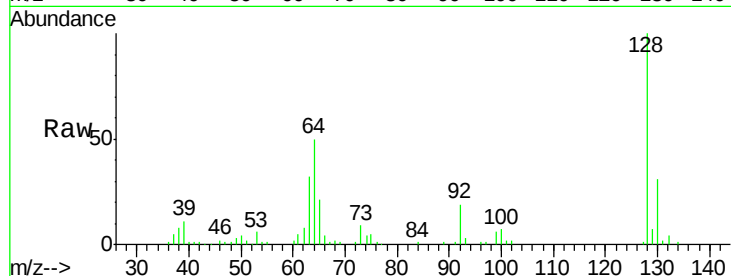




#10
 2-Chlorophenol
 Concen: 20.81 ng/ul
 RT: 7.32 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BM005390.D
 Acq: 11 May 2016 17:02

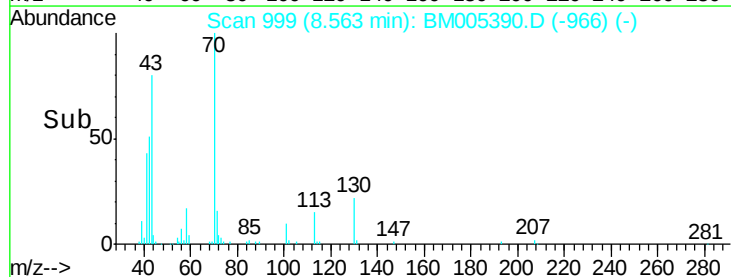
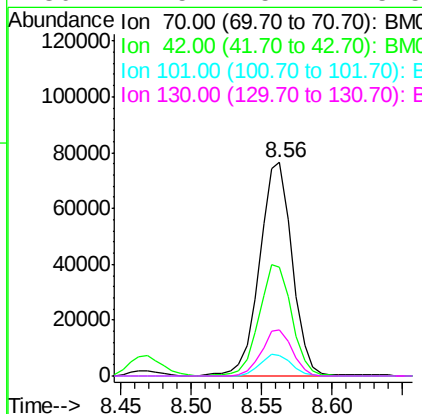
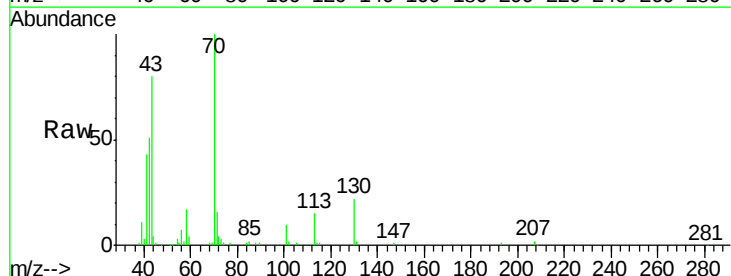
Instrument :
 BNA_M
 ClientSampleId :
 H4061MS

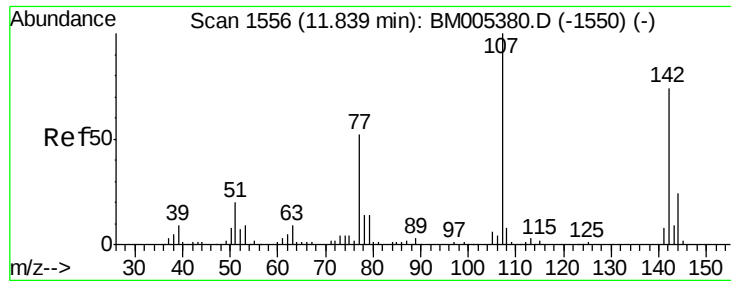
Tgt Ion: 128 Resp: 123753
 Ion Ratio Lower Upper
 128 100
 64 49.9 37.8 56.8
 130 31.3 24.9 37.3



#15
 N-Nitroso-di-n-propylamine
 Concen: 25.23 ng/ul
 RT: 8.56 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM005390.D
 Acq: 11 May 2016 17:02

Tgt Ion: 70 Resp: 124244
 Ion Ratio Lower Upper
 70 100
 42 51.2 42.8 64.2
 101 9.7 7.8 11.6
 130 21.5 15.7 23.5

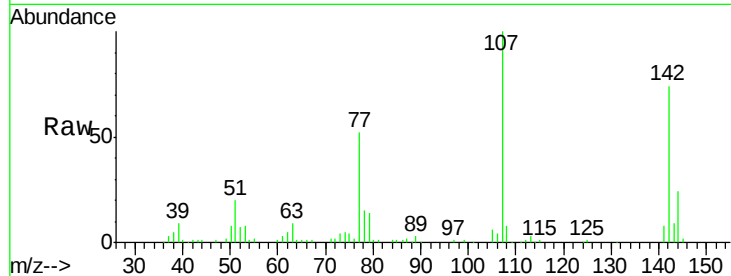




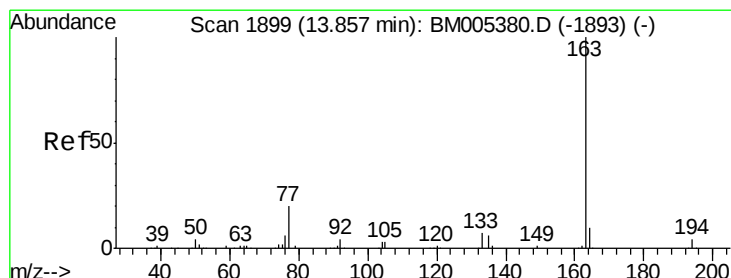
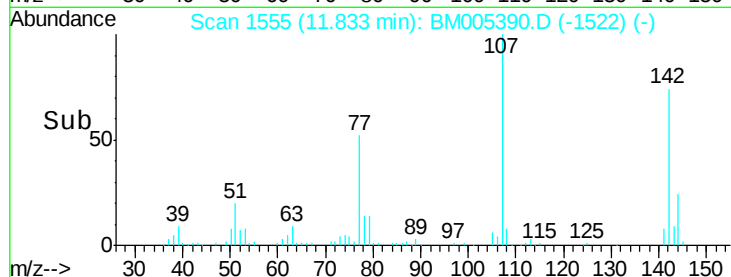
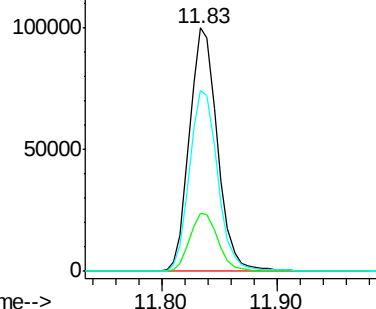
#33
 4-Chloro-3-methylphenol
 Concen: 22.41 ng/ul
 RT: 11.83 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BM005390.D
 Acq: 11 May 2016 17:02

Instrument :
 BNA_M
 ClientSampleId :
 H4061MS

Tgt Ion:107 Resp: 168186
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.3 28.9
 142 74.1 60.8 91.2

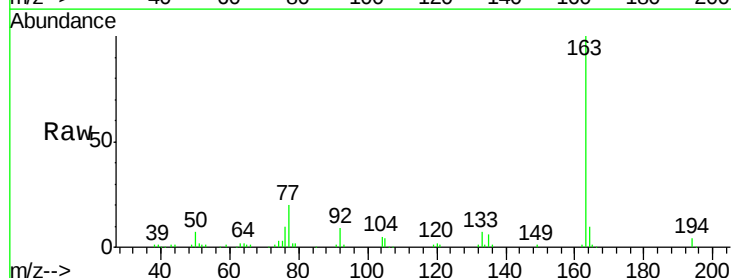


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

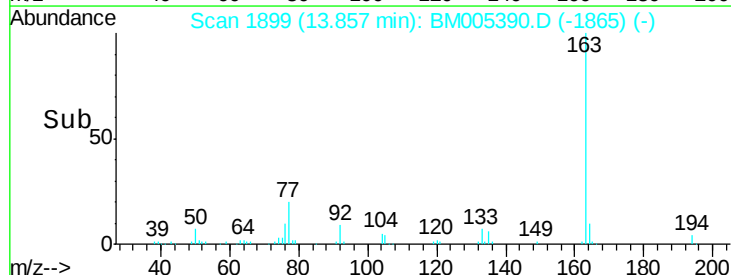
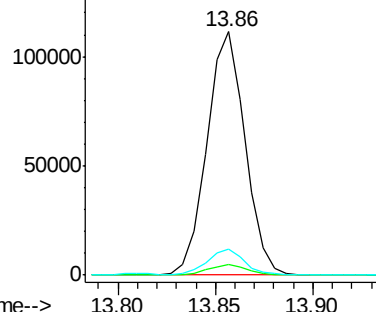


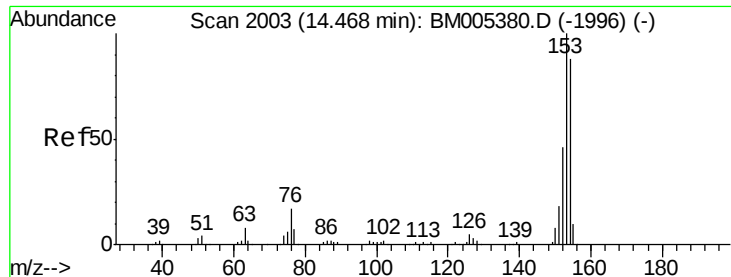
#44
 Dimethylphthalate
 Concen: 7.55 ng/ul
 RT: 13.86 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BM005390.D
 Acq: 11 May 2016 17:02

Tgt Ion:163 Resp: 150195
 Ion Ratio Lower Upper
 163 100
 194 4.2 3.4 5.0
 164 10.4 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 22.30 ng/ul

RT: 14.47 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BM005390.D

Acq: 11 May 2016 17:02

Instrument :

BNA_M

ClientSampleId :

H4061MS

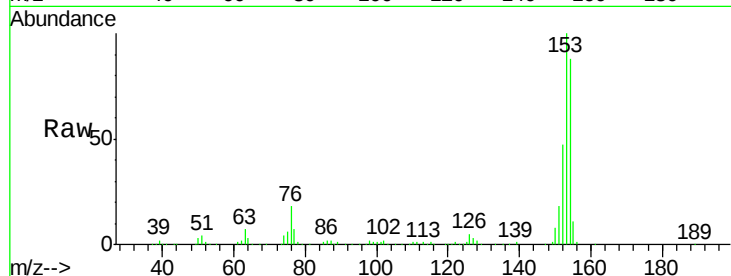
Tgt Ion:153 Resp: 362970

Ion Ratio Lower Upper

153 100

152 47.4 38.9 58.3

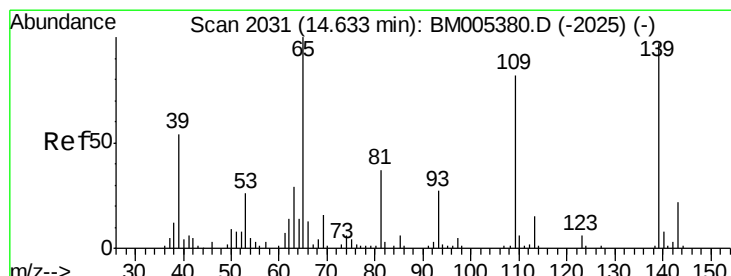
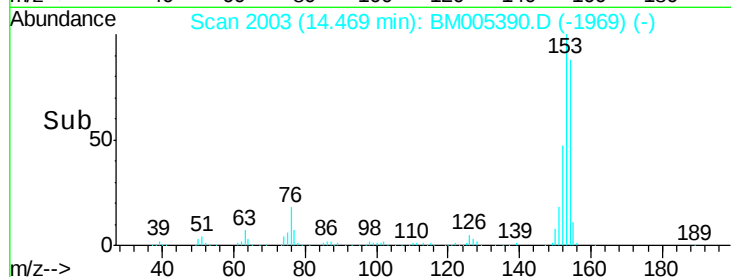
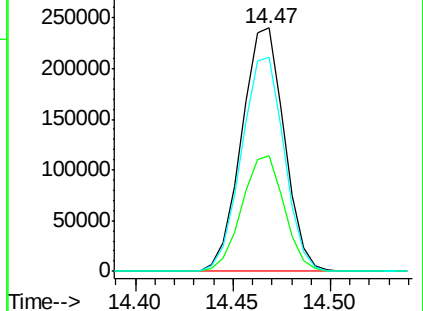
154 87.9 70.3 105.5



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: 17.11 ng/ul

RT: 14.63 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BM005390.D

Acq: 11 May 2016 17:02

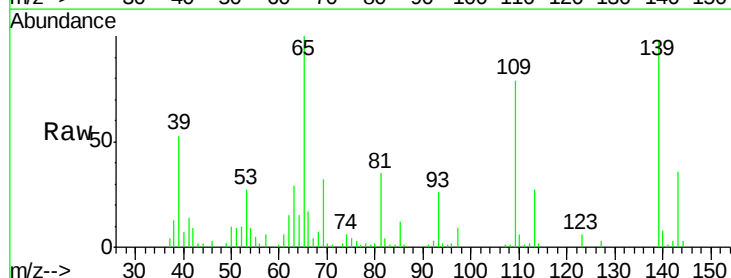
Tgt Ion:109 Resp: 51679

Ion Ratio Lower Upper

109 100

139 122.8 103.6 155.4

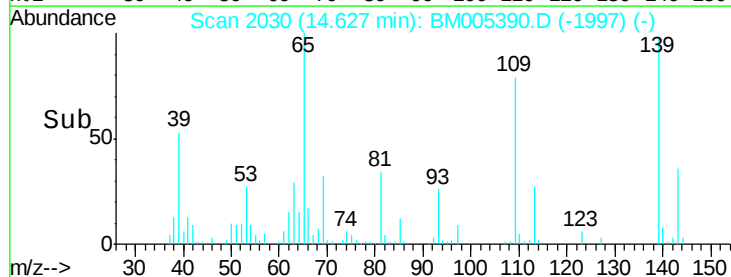
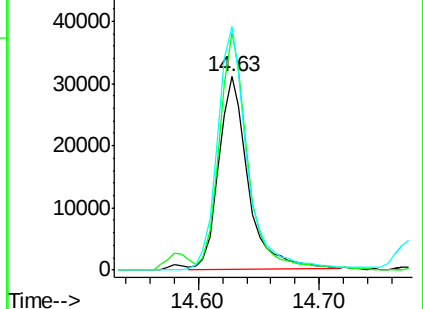
65 125.9 104.7 157.1

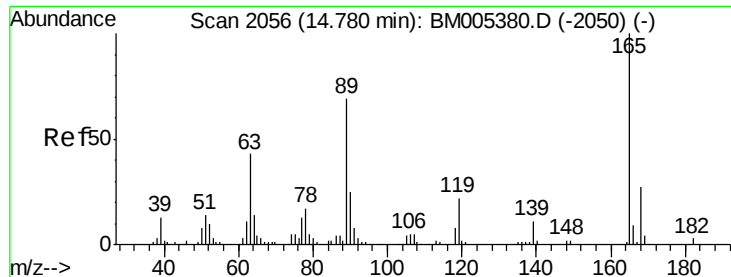


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

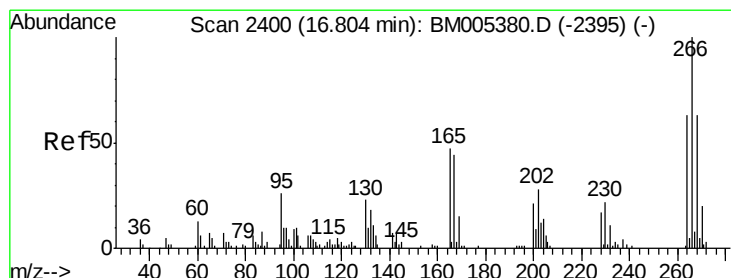
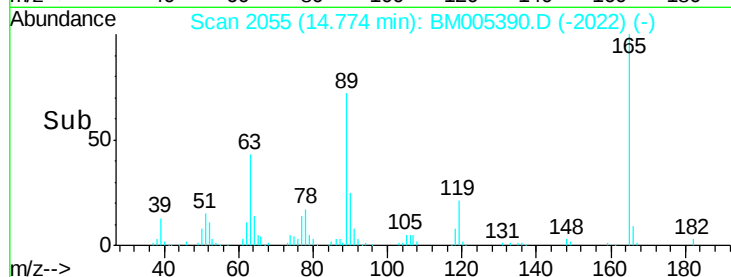
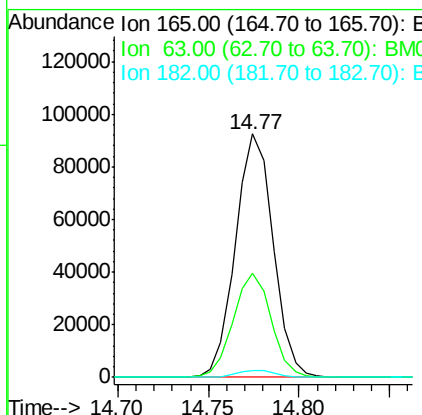
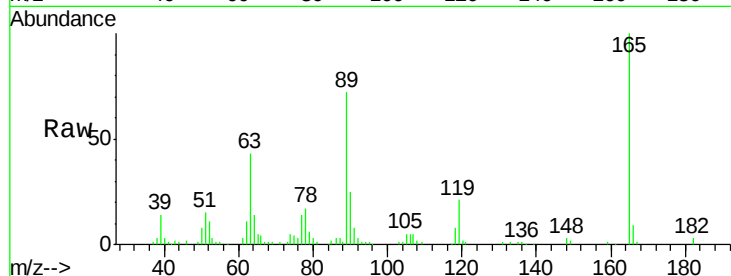




#54
 2,4-Dinitrotoluene
 Concen: 22.89 ng/ul
 RT: 14.77 min Scan# 2055
 Delta R.T. -0.01 min
 Lab File: BM005390.D
 Acq: 11 May 2016 17:02

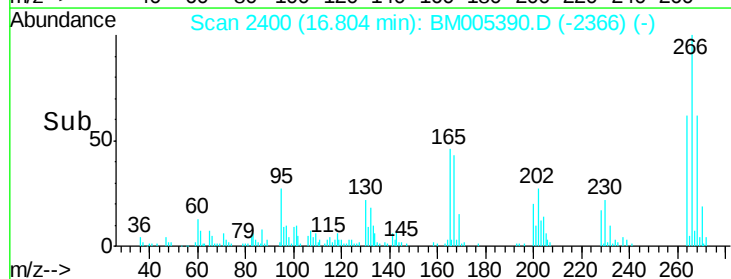
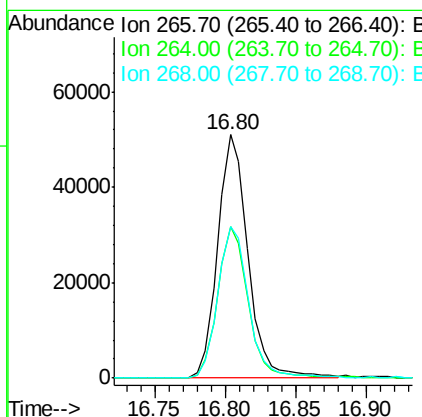
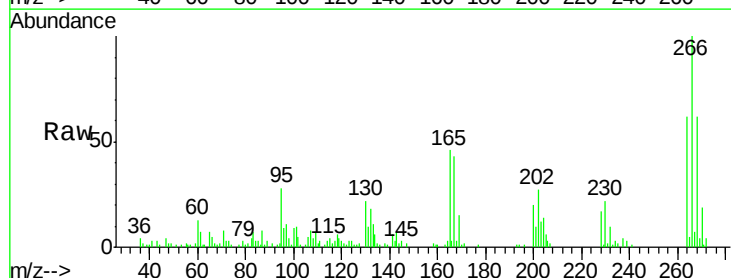
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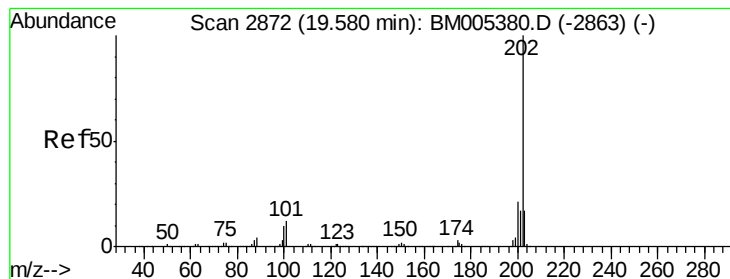
Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.7	36.2	54.4
182	3.0	2.5	3.7



#68
 Pentachlorophenol
 Concen: 22.82 ng/ul
 RT: 16.80 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM005390.D
 Acq: 11 May 2016 17:02

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.4	52.0	78.0
268	62.2	53.0	79.6





#77

Pyrene

Concen: 28.36 ng/ul

RT: 19.58 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BM005390.D

Acq: 11 May 2016 17:02

Instrument :

BNA_M

ClientSampleId :

H4061MS

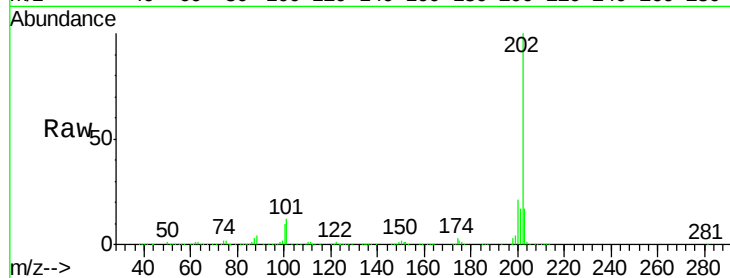
Tgt Ion: 202 Resp: 768580

Ion Ratio Lower Upper

202 100

101 11.7 10.8 16.2

100 9.7 8.4 12.6



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

