

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005384.D
 Acq On : 11 May 2016 12:47
 Operator : UM/SJ
 Sample : H2888-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WY0MS

Quant Time: May 12 03:31:32 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	89555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	445215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	291839	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	687501	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	724037	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	570166	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	8941	4.69	ng/uL	0.00
5) Phenol-d5	6.93	99	211693	26.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	130341	28.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	164170	26.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	185560	27.64	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	91035	28.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	107110	29.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	181747	27.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	278756	34.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	697485	29.82	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	797876	29.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	110739	25.93	ng/ul	0.00
57) Fluorene-d10	15.40	176	577816	28.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	110180	28.49	ng/ul	0.00
70) Anthracene-d10	17.25	188	905987	29.81	ng/ul	0.00
76) Pyrene-d10	19.55	212	1042493	31.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	778195	30.83	ng/ul	0.00

Target Compounds

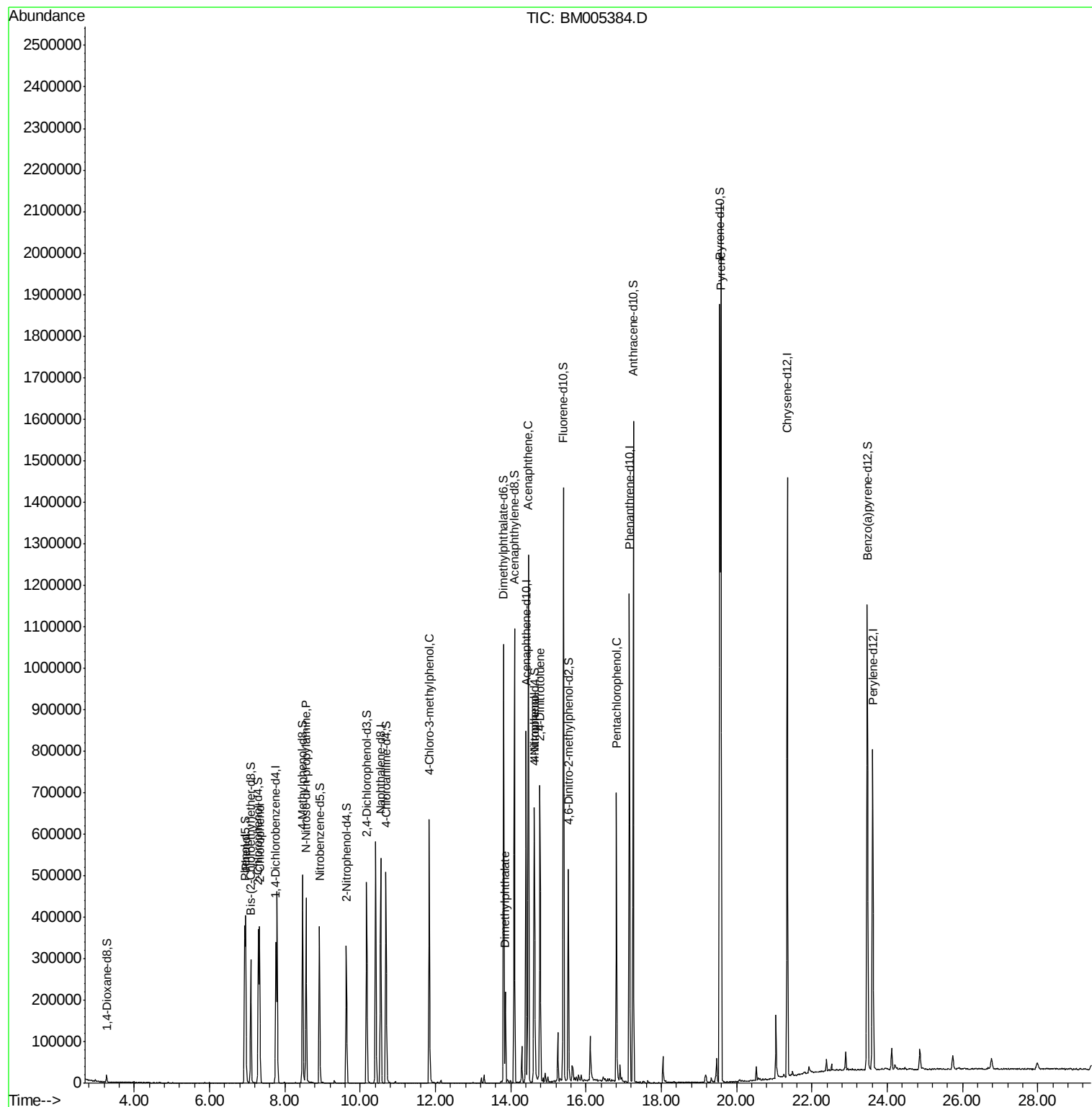
						Qvalue
6) Phenol	6.96	94	218707	26.05	ng/ul	99
10) 2-Chlorophenol	7.33	128	164194	26.17	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.56	70	172270	33.15	ng/ul	98
33) 4-Chloro-3-methylphenol	11.83	107	240546	29.29	ng/ul	98
44) Dimethylphthalate	13.86	163	135096	5.78	ng/ul	99
49) Acenaphthene	14.47	153	534610	27.95	ng/ul	99
52) 4-Nitrophenol	14.63	109	100243	28.24	ng/ul	92
54) 2,4-Dinitrotoluene	14.78	165	213361	31.04	ng/ul	94
68) Pentachlorophenol	16.80	266	119737	29.15	ng/ul	97
77) Pyrene	19.58	202	1271731	30.28	ng/ul	99

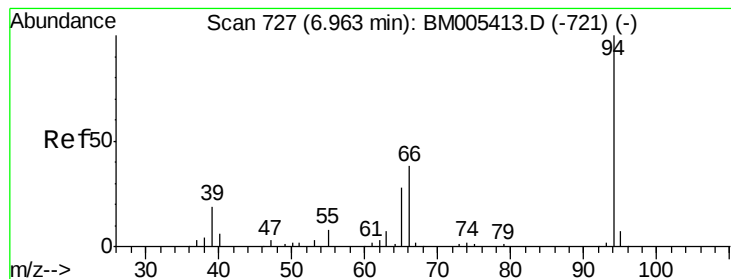
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 02:20:05 2016
Response via : Initial Calibration





#6

Phenol

Concen: 26.05 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. 0.00 min

Lab File: BM005384.D

Acq: 11 May 2016 12:47

Instrument :

BNA_M

ClientSampleId :

D9WY0MS

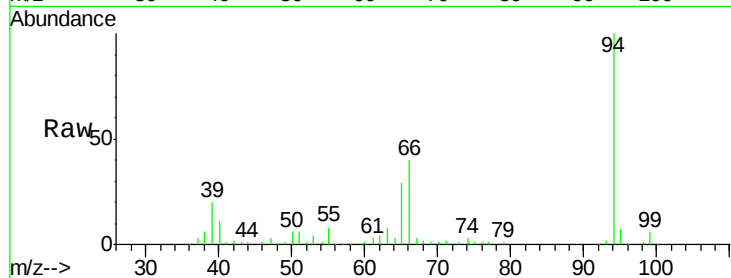
Tgt Ion: 94 Resp: 218707

Ion Ratio Lower Upper

94 100

65 28.7 22.7 34.1

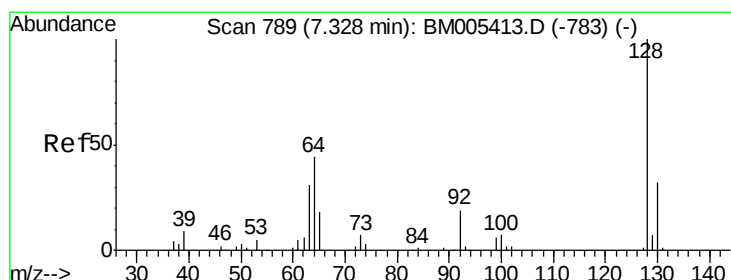
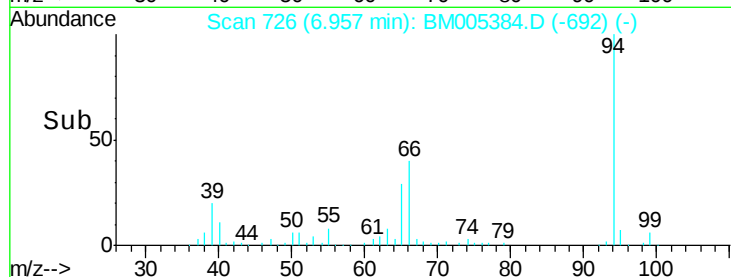
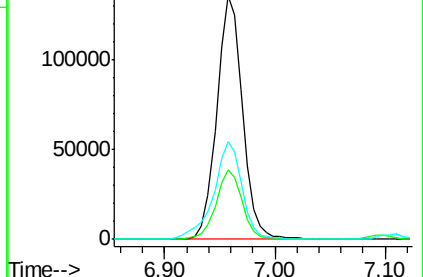
66 40.3 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005413.D (-721) (-)

Ion 65.00 (64.70 to 65.70): BM005413.D (-721) (-)

Ion 66.00 (65.70 to 66.70): BM005413.D (-721) (-)



#10

2-Chlorophenol

Concen: 26.17 ng/ul

RT: 7.33 min Scan# 789

Delta R.T. 0.00 min

Lab File: BM005384.D

Acq: 11 May 2016 12:47

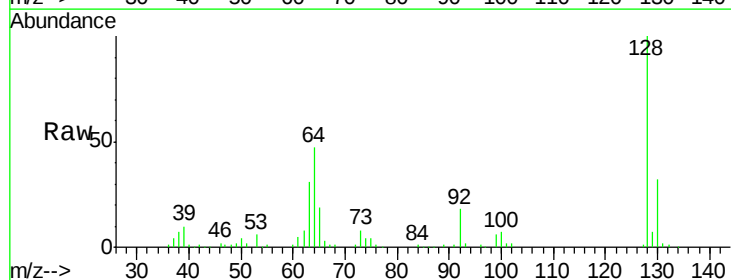
Tgt Ion: 128 Resp: 164194

Ion Ratio Lower Upper

128 100

64 47.3 37.8 56.8

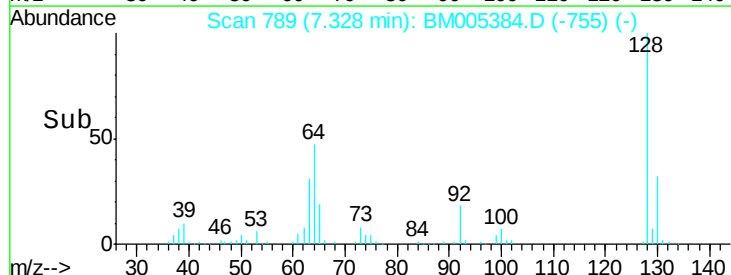
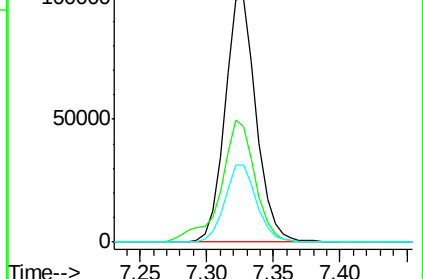
130 31.8 24.9 37.3

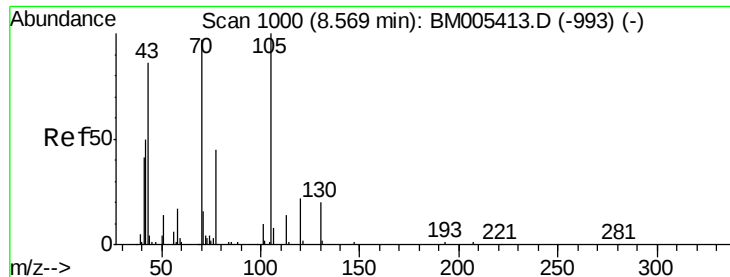


Abundance Ion 128.00 (127.70 to 128.70): BM005413.D (-783) (-)

Ion 64.00 (63.70 to 64.70): BM005413.D (-783) (-)

Ion 130.00 (129.70 to 130.70): BM005413.D (-783) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 33.15 ng/ul

RT: 8.56 min Scan# 999

Delta R.T. -0.01 min

Lab File: BM005384.D

Acq: 11 May 2016 12:47

Instrument :

BNA_M

ClientSampleId :

D9WY0MS

Tgt Ion: 70 Resp: 172270

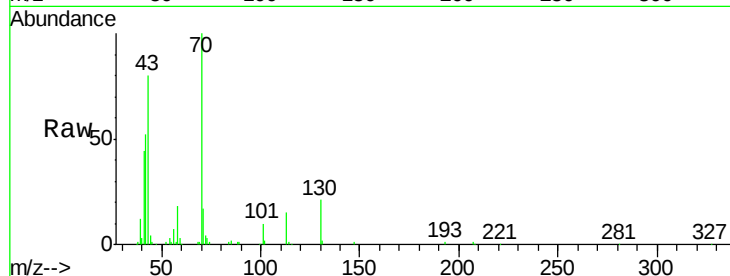
Ion Ratio Lower Upper

70 100

42 52.2 42.8 64.2

101 9.9 7.8 11.6

130 20.7 15.7 23.5



Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

150000

100000

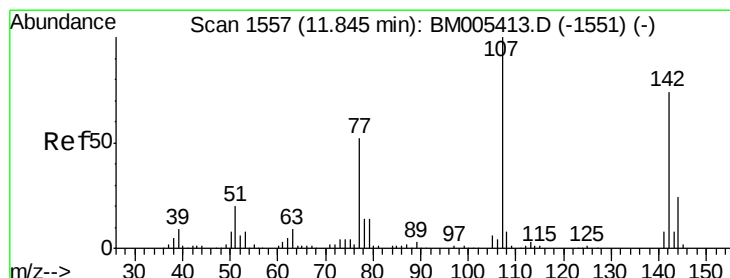
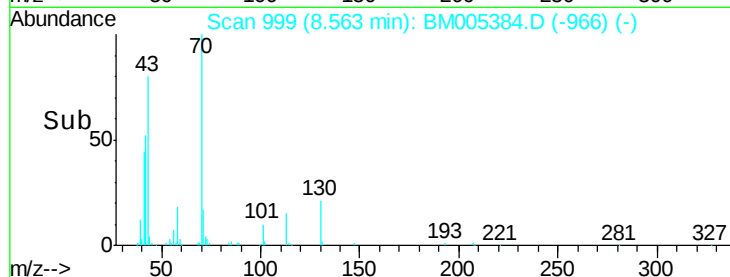
50000

0

8.56

8.50 8.55 8.60

Time-->



#33

4-Chloro-3-methylphenol

Concen: 29.29 ng/ul

RT: 11.83 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM005384.D

Acq: 11 May 2016 12:47

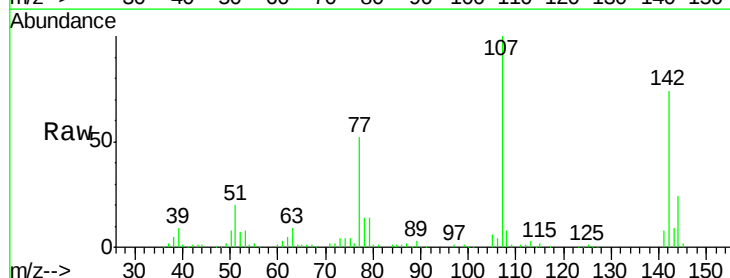
Tgt Ion: 107 Resp: 240546

Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

142 73.9 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

200000

150000

100000

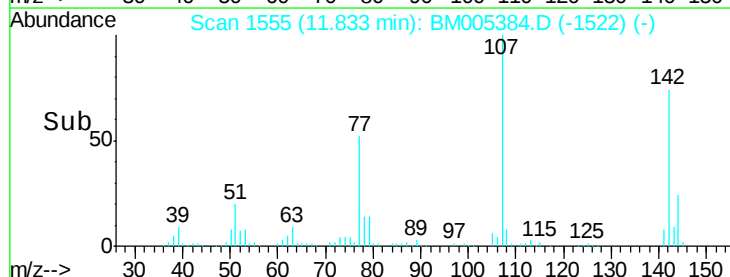
50000

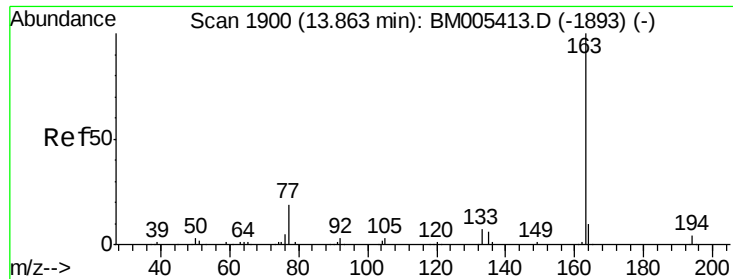
0

11.83

11.80 11.90 12.00

Time-->





#44

Dimethylphthalate

Concen: 5.78 ng/ul

RT: 13.86 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM005384.D

Acq: 11 May 2016 12:47

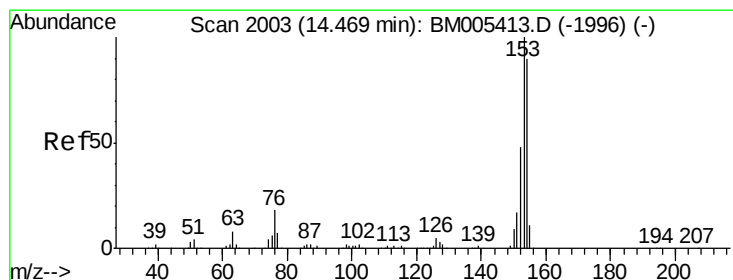
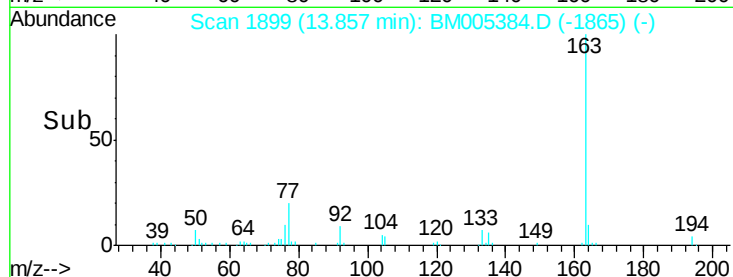
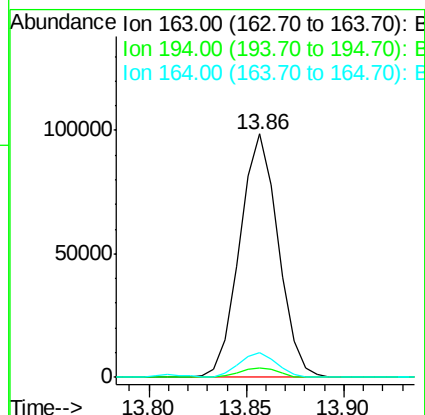
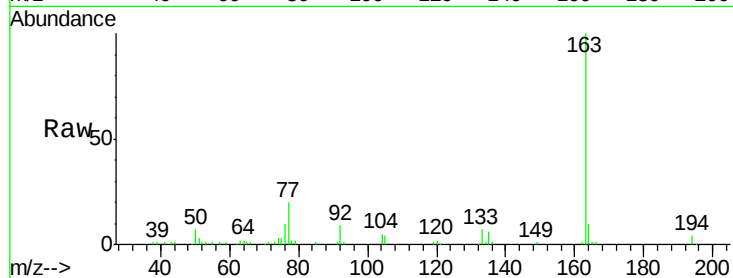
Instrument :

BNA_M

ClientSampleId :

D9WY0MS

Tgt Ion:	163	Resp:	135096
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.3	7.9	11.9



#49

Acenaphthene

Concen: 27.95 ng/ul

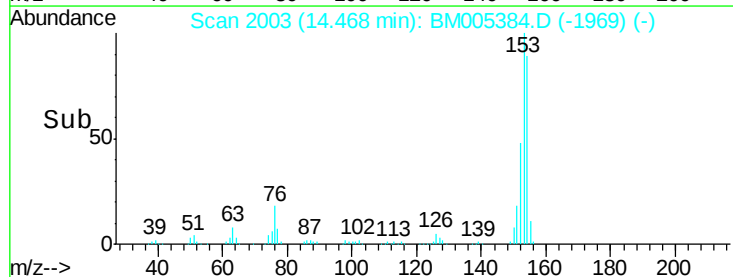
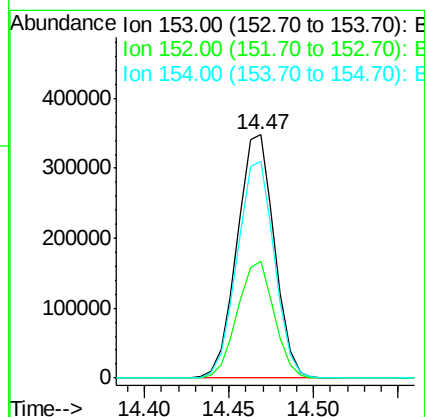
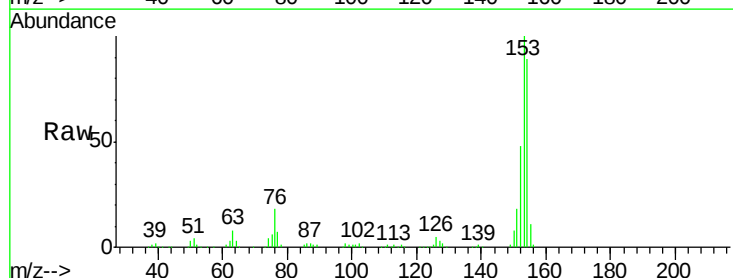
RT: 14.47 min Scan# 2003

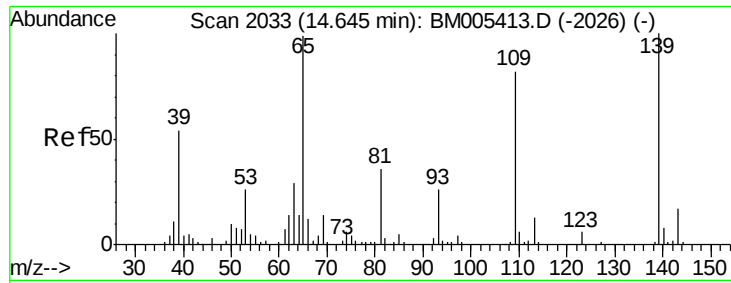
Delta R.T. 0.00 min

Lab File: BM005384.D

Acq: 11 May 2016 12:47

Tgt Ion:	153	Resp:	534610
Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.9	58.3
154	88.8	70.3	105.5

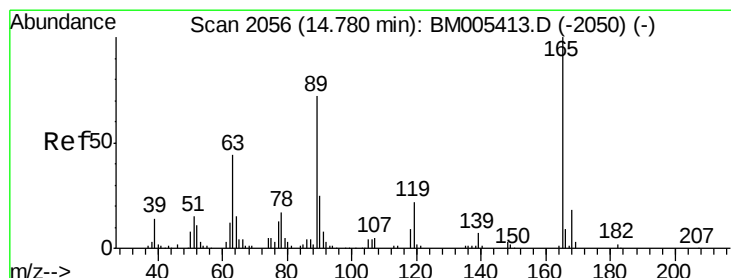
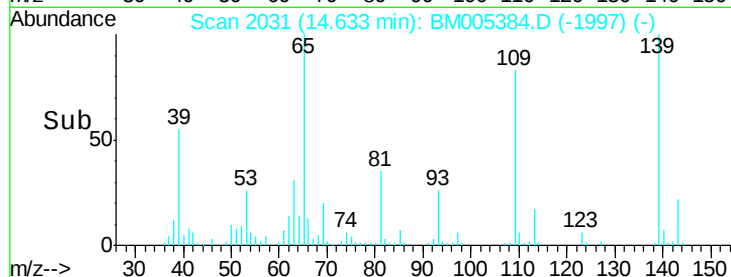
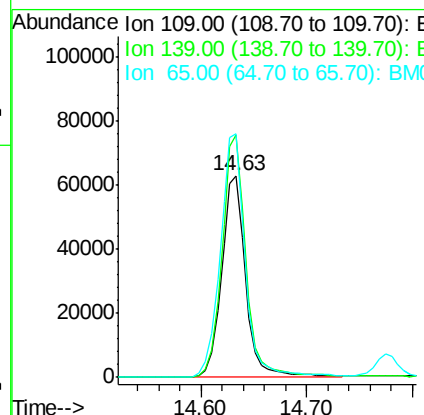
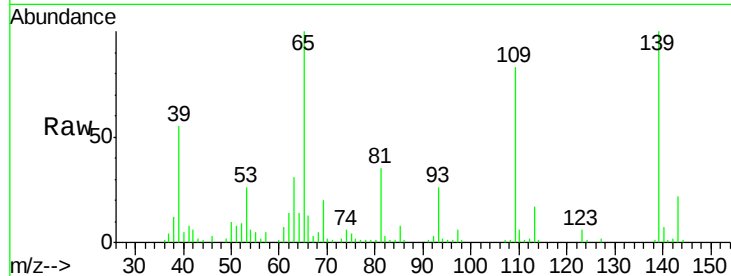




#52
4-Nitrophenol
Concen: 28.24 ng/ul
RT: 14.63 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM005384.D
Acq: 11 May 2016 12:47

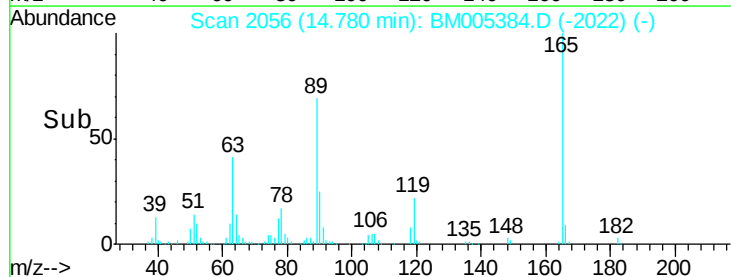
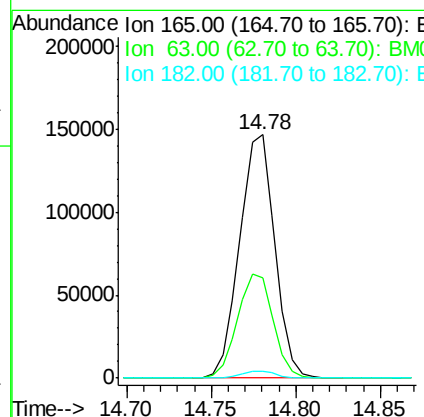
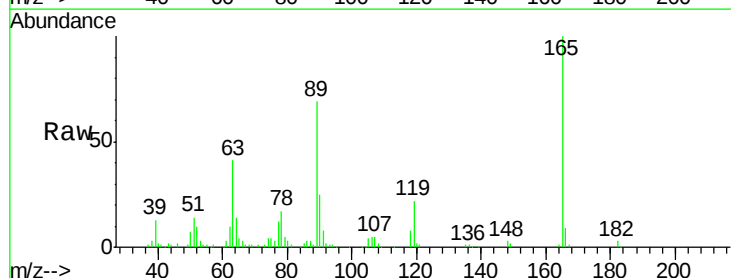
Instrument :
BNA_M
ClientSampleId :
D9WY0MS

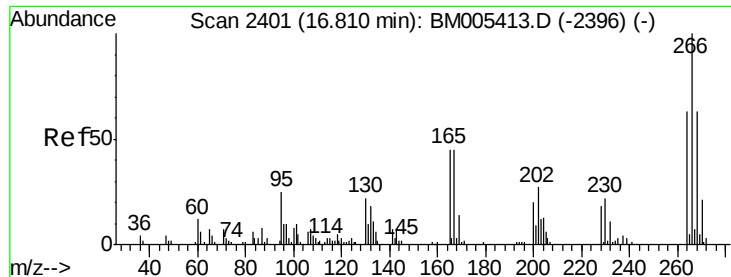
Tgt Ion:109 Resp: 100243
Ion Ratio Lower Upper
109 100
139 120.5 103.6 155.4
65 120.8 104.7 157.1



#54
2,4-Dinitrotoluene
Concen: 31.04 ng/ul
RT: 14.78 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BM005384.D
Acq: 11 May 2016 12:47

Tgt Ion:165 Resp: 213361
Ion Ratio Lower Upper
165 100
63 41.2 36.2 54.4
182 3.0 2.5 3.7

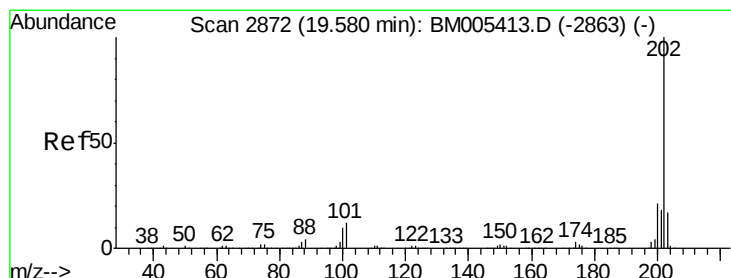
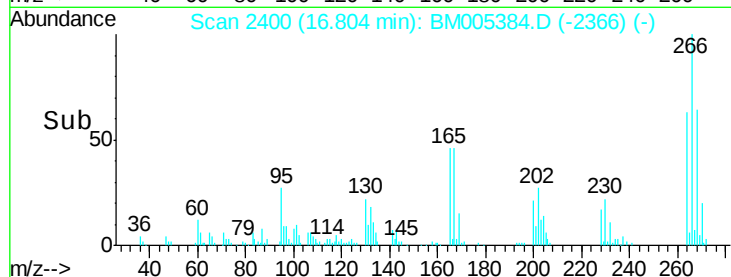
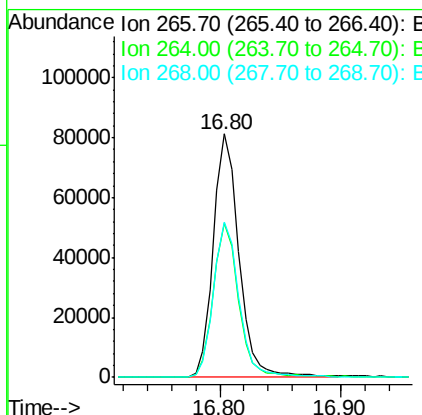
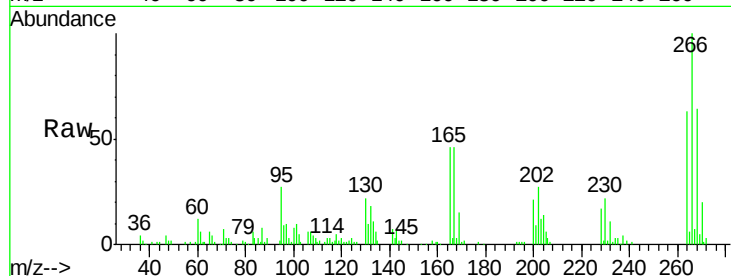




#68
 Pentachlorophenol
 Concen: 29.15 ng/ul
 RT: 16.80 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM005384.D
 Acq: 11 May 2016 12:47

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:266 Resp: 119737
 Ion Ratio Lower Upper
 266 100
 264 63.2 52.0 78.0
 268 63.7 53.0 79.6



#77
 Pyrene
 Concen: 30.28 ng/ul
 RT: 19.58 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BM005384.D
 Acq: 11 May 2016 12:47

Tgt Ion:202 Resp: 1271731
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.8 16.2
 100 10.4 8.4 12.6

