

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021216\
 Data File : BM004250.D
 Acq On : 13 Feb 2016 05:03
 Operator : SJ/IZ
 Sample : H1414-11MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QD4MSD

Quant Time: Feb 13 05:59:24 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 13 05:01:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	29183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	122990	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	65682	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	136401	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	142507	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	142815	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	1936	3.34	ng/uL	0.00
5) Phenol-d5	6.83	99	43533	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	24090	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	40544	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	37410	18.74	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	19107	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	21234	20.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	36695	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	37010	16.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	112530	20.59	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	138600	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	14923	16.88	ng/ul	0.00
58) Fluorene-d10	15.30	176	96219	20.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	13809	16.62	ng/ul	0.00
71) Anthracene-d10	17.16	188	139912	20.98	ng/ul	0.00
79) Pyrene-d10	19.46	212	149647	19.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	158177	20.76	ng/ul	0.00

Target Compounds

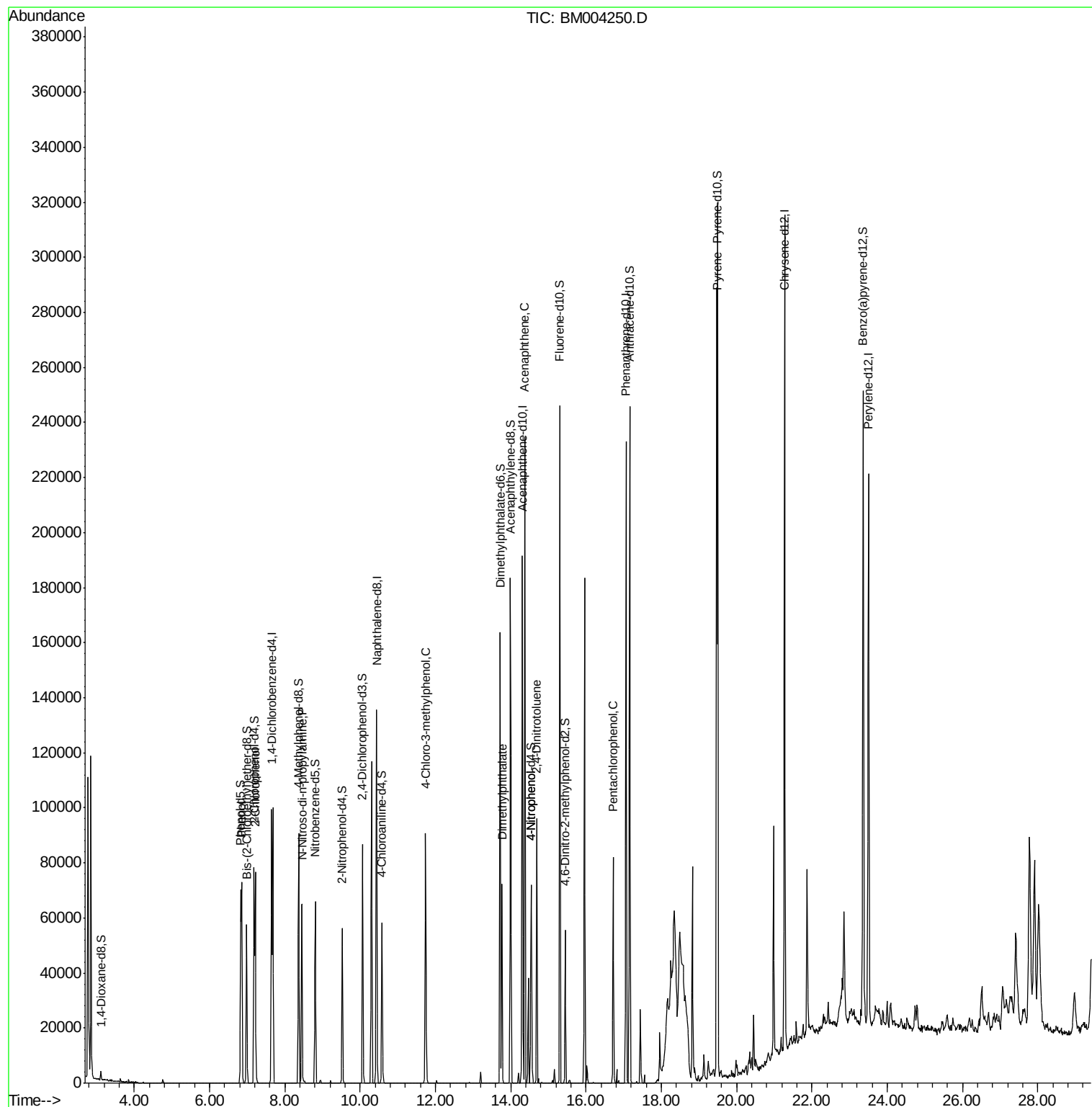
						Ovalue
6) Phenol	6.85	94	44115	17.67	ng/ul	99
10) 2-Chlorophenol	7.21	128	38309	17.73	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	27175	17.71	ng/ul	97
33) 4-Chloro-3-methylphenol	11.74	107	38828	17.66	ng/ul	98
45) Dimethylphthalate	13.76	163	50780	8.89	ng/ul	100
50) Acenaphthene	14.37	153	96203	19.58	ng/ul	98
53) 4-Nitrophenol	14.54	109	11589	16.39	ng/ul	95
55) 2,4-Dinitrotoluene	14.69	165	30869	19.06	ng/ul	97
69) Pentachlorophenol	16.72	266	15849	19.27	ng/ul	99
80) Pyrene	19.50	202	190731	18.51	ng/ul	97

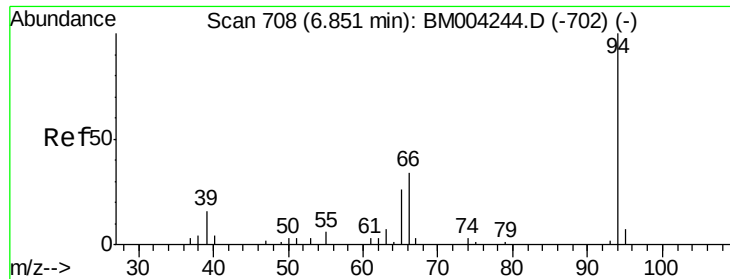
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 17.67 ng/ul

RT: 6.85 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM004250.D

Acq: 13 Feb 2016 05:03

Instrument :

BNA_M

ClientSampleId :

D9QD4MSD

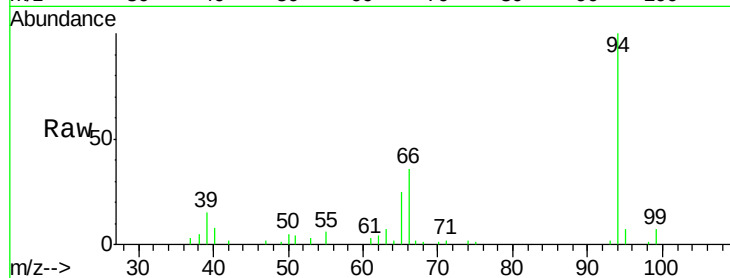
Tot Ion: 94 Resp: 44115

Ion Ratio Lower Upper

94 100

65 25.4 21.0 31.6

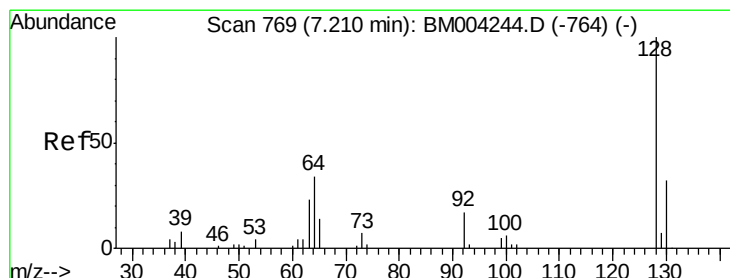
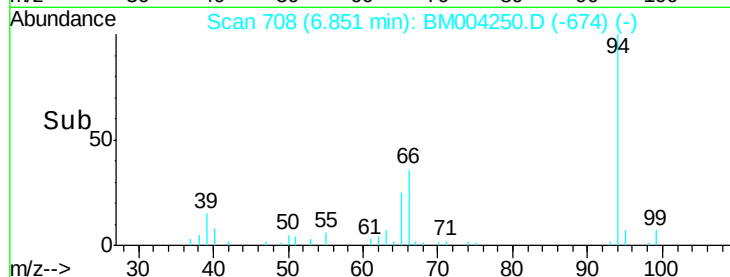
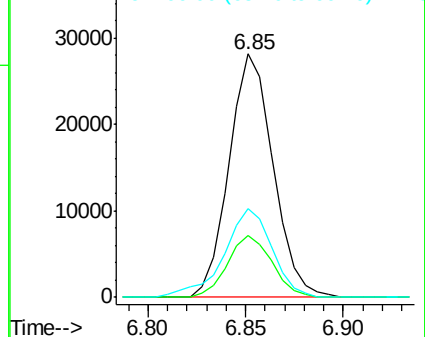
66 36.4 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004244.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BM004244.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BM004244.D (-702) (-)



#10

2-Chlorophenol

Concen: 17.73 ng/ul

RT: 7.21 min Scan# 769

Delta R.T. 0.00 min

Lab File: BM004250.D

Acq: 13 Feb 2016 05:03

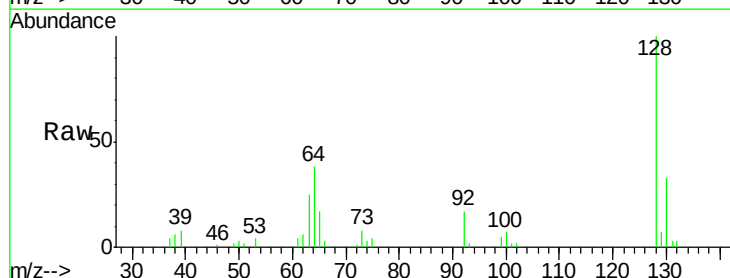
Tgt Ion: 128 Resp: 38309

Ion Ratio Lower Upper

128 100

64 37.7 31.9 47.9

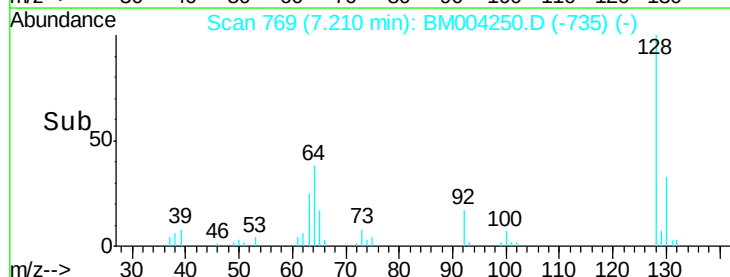
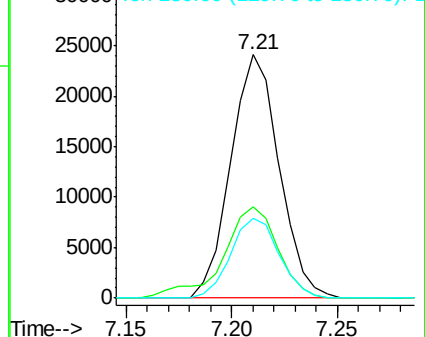
130 33.0 25.6 38.4

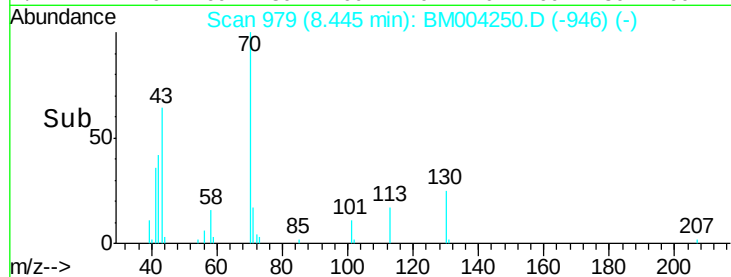
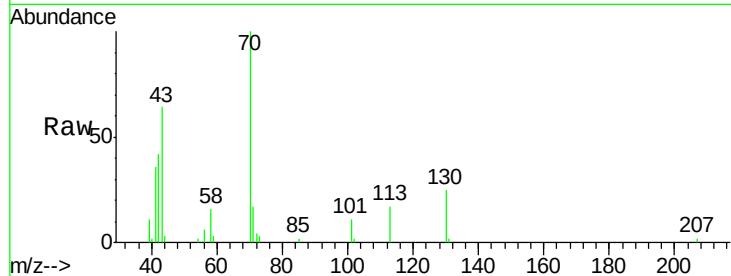
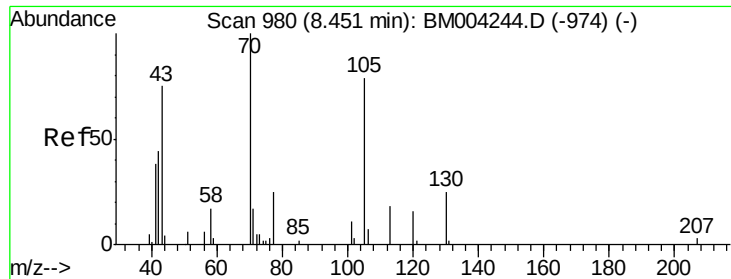


Abundance Ion 128.00 (127.70 to 128.70): BM004244.D (-764) (-)

Ion 64.00 (63.70 to 64.70): BM004244.D (-764) (-)

Ion 130.00 (129.70 to 130.70): BM004244.D (-764) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 17.71 ng/ul

RT: 8.45 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM004250.D

Acq: 13 Feb 2016 05:03

Instrument :

BNA_M

ClientSampleId :

D9QD4MSD

Tot Ion: 70 Resp: 27175

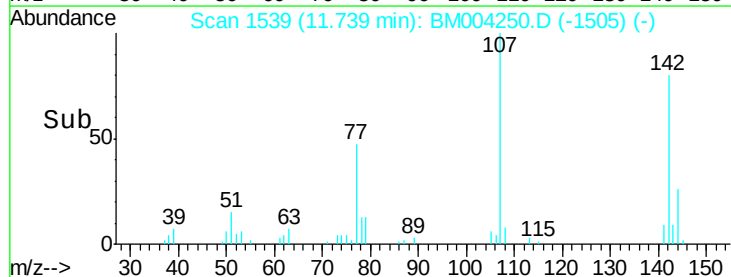
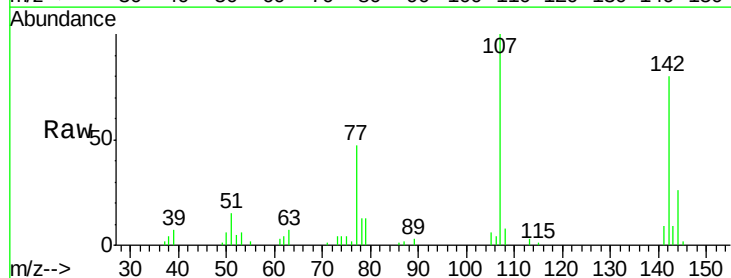
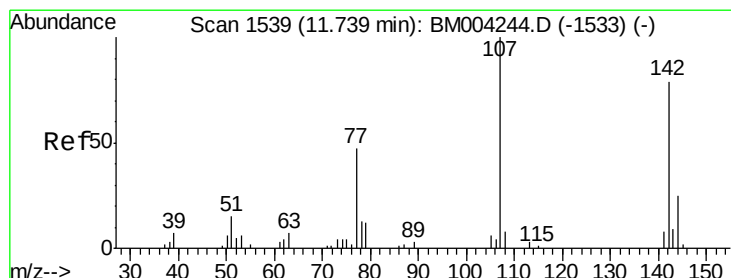
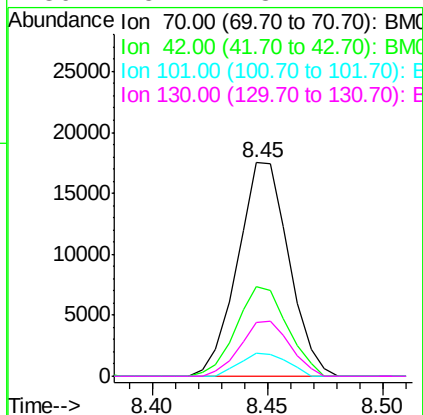
Ion Ratio Lower Upper

70 100

42 42.2 35.4 53.0

101 10.8 8.4 12.6

130 25.2 18.2 27.4



#33

4-Chloro-3-methylphenol

Concen: 17.66 ng/ul

RT: 11.74 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BM004250.D

Acq: 13 Feb 2016 05:03

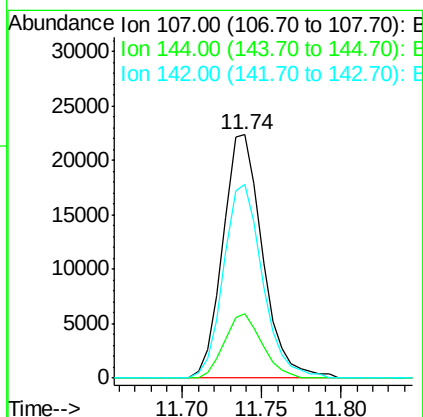
Tgt Ion: 107 Resp: 38828

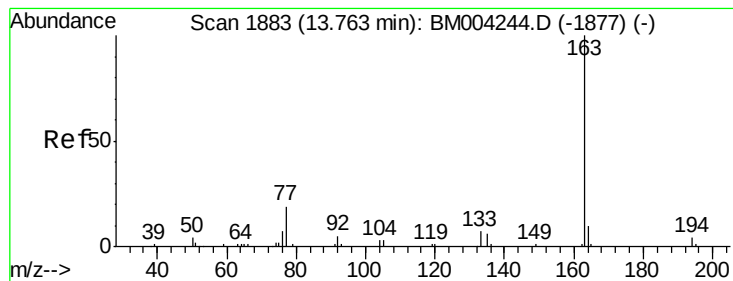
Ion Ratio Lower Upper

107 100

144 26.4 20.4 30.6

142 79.6 62.5 93.7





#45

Dimethylphthalate

Concen: 8.89 ng/ul

RT: 13.76 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BM004250.D

Acq: 13 Feb 2016 05:03

Instrument :

BNA_M

ClientSampleId :

D9QD4MSD

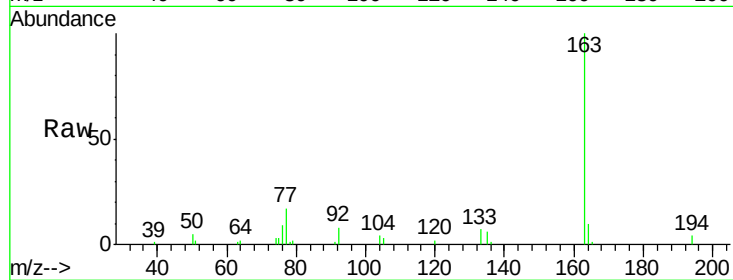
Tot Ion:163 Resp: 50780

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

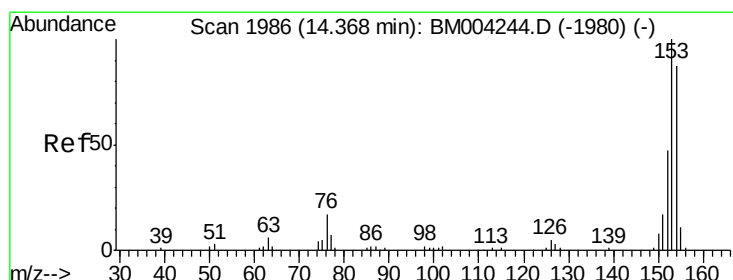
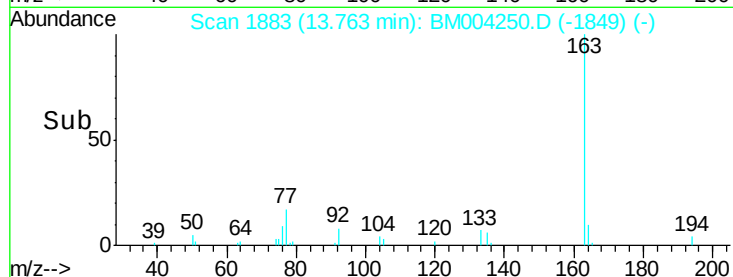
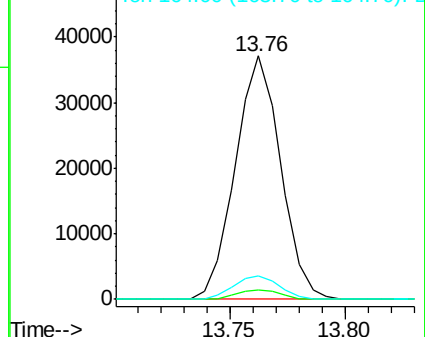
164 9.9 7.8 11.8



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



#50

Acenaphthene

Concen: 19.58 ng/ul

RT: 14.37 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM004250.D

Acq: 13 Feb 2016 05:03

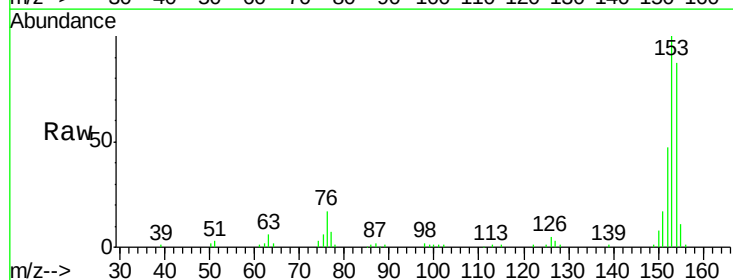
Tgt Ion:153 Resp: 96203

Ion Ratio Lower Upper

153 100

152 46.7 38.3 57.5

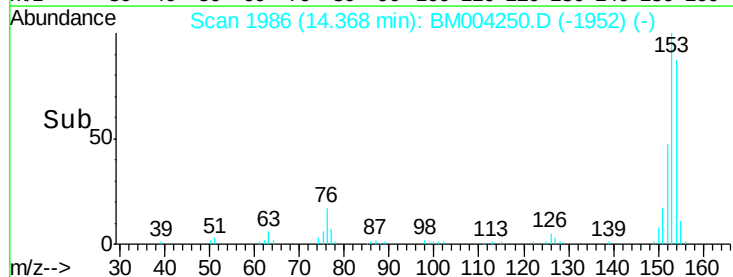
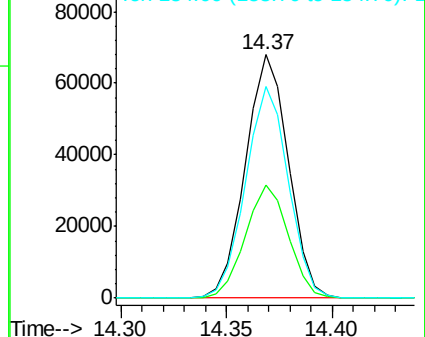
154 87.1 71.8 107.8

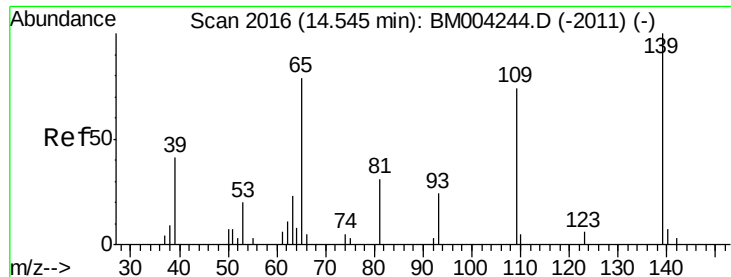


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

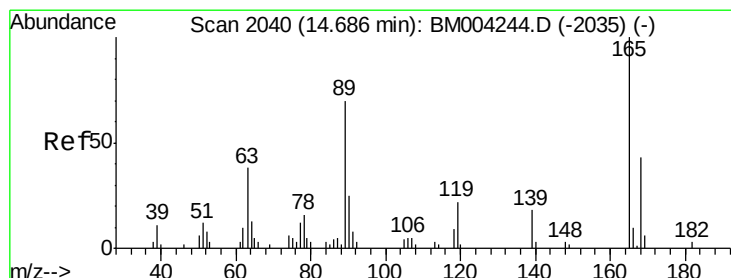
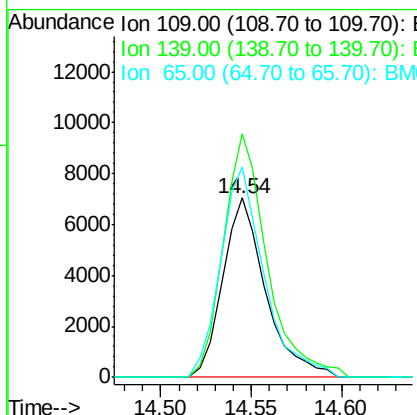
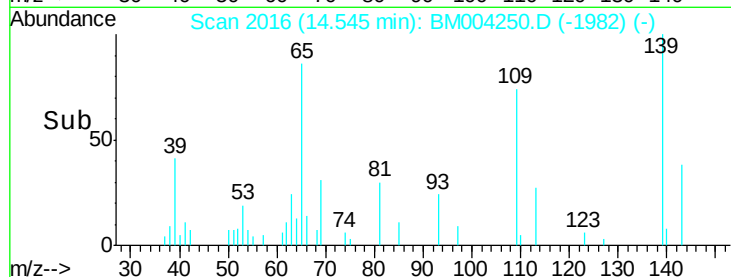
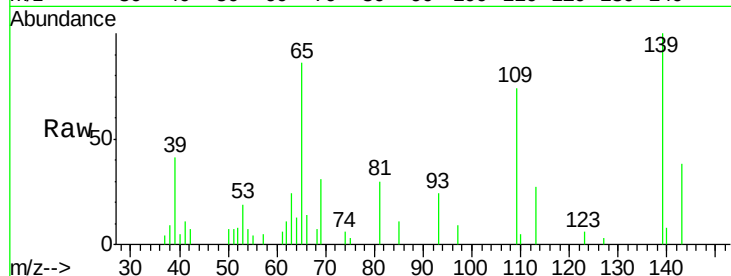




#53
4-Nitrophenol
Concen: 16.39 ng/ul
RT: 14.54 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BM004250.D
Acq: 13 Feb 2016 05:03

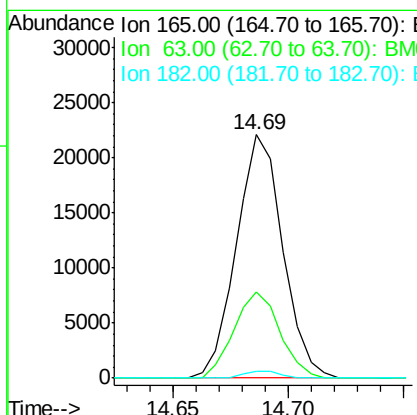
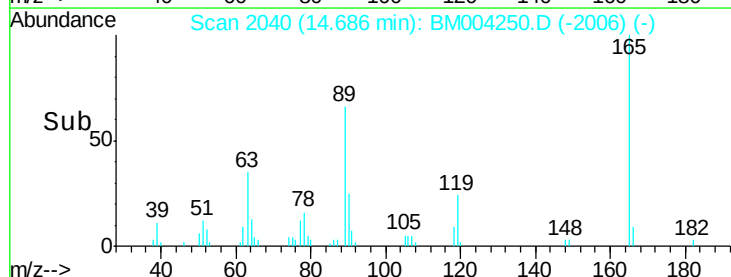
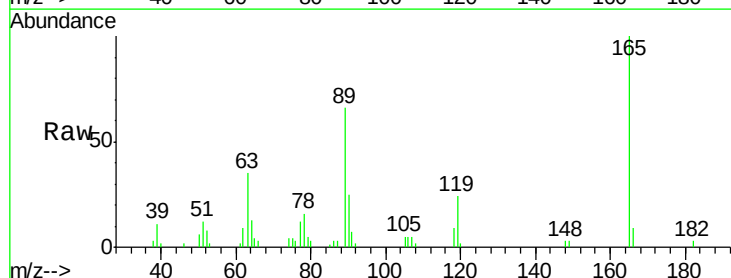
Instrument :
BNA_M
ClientSampleId :
D9QD4MSD

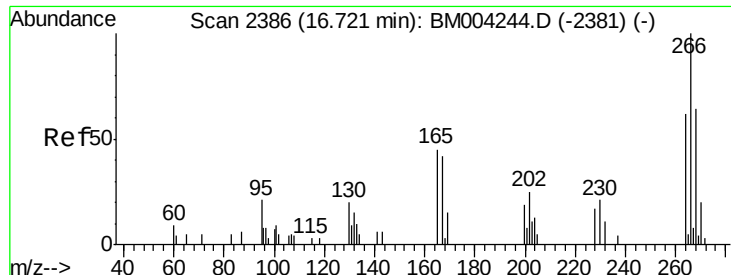
Tot Ion:109 Resp: 11589
Ion Ratio Lower Upper
109 100
139 135.9 103.7 155.5
65 117.2 89.4 134.2



#55
2,4-Dinitrotoluene
Concen: 19.06 ng/ul
RT: 14.69 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BM004250.D
Acq: 13 Feb 2016 05:03

Tgt Ion:165 Resp: 30869
Ion Ratio Lower Upper
165 100
63 35.4 29.8 44.6
182 2.8 2.2 3.4





#69

Pentachlorophenol

Concen: 19.27 ng/ul

RT: 16.72 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM004250.D

Acq: 13 Feb 2016 05:03

Instrument :

BNA_M

ClientSampleId :

D9QD4MSD

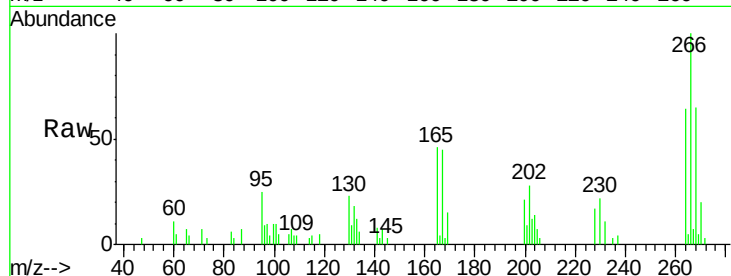
Tot Ion:266 Resp: 15849

Ion Ratio Lower Upper

266 100

264 63.8 50.5 75.7

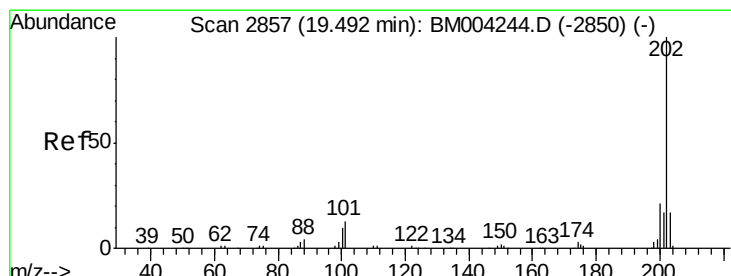
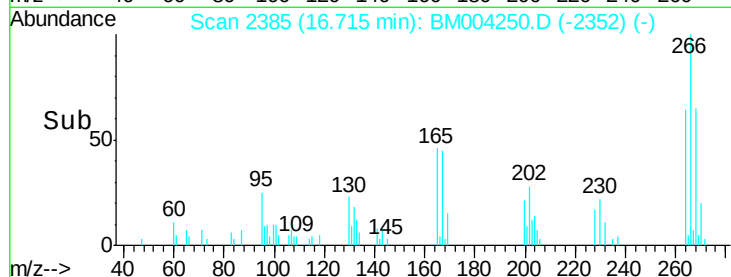
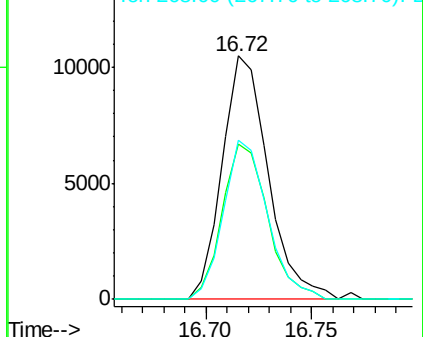
268 65.2 50.9 76.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80

Pyrene

Concen: 18.51 ng/ul

RT: 19.50 min Scan# 2858

Delta R.T. 0.01 min

Lab File: BM004250.D

Acq: 13 Feb 2016 05:03

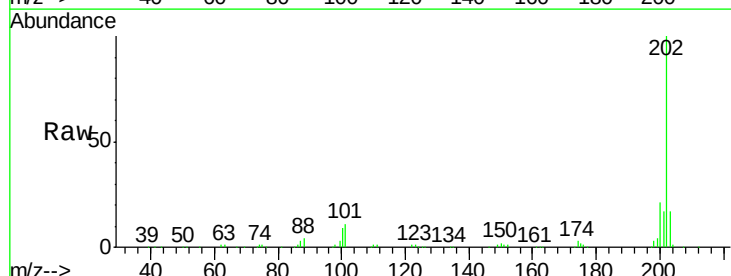
Tgt Ion:202 Resp: 190731

Ion Ratio Lower Upper

202 100

101 11.5 10.2 15.2

100 9.4 8.5 12.7



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

