

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 05:59:03 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

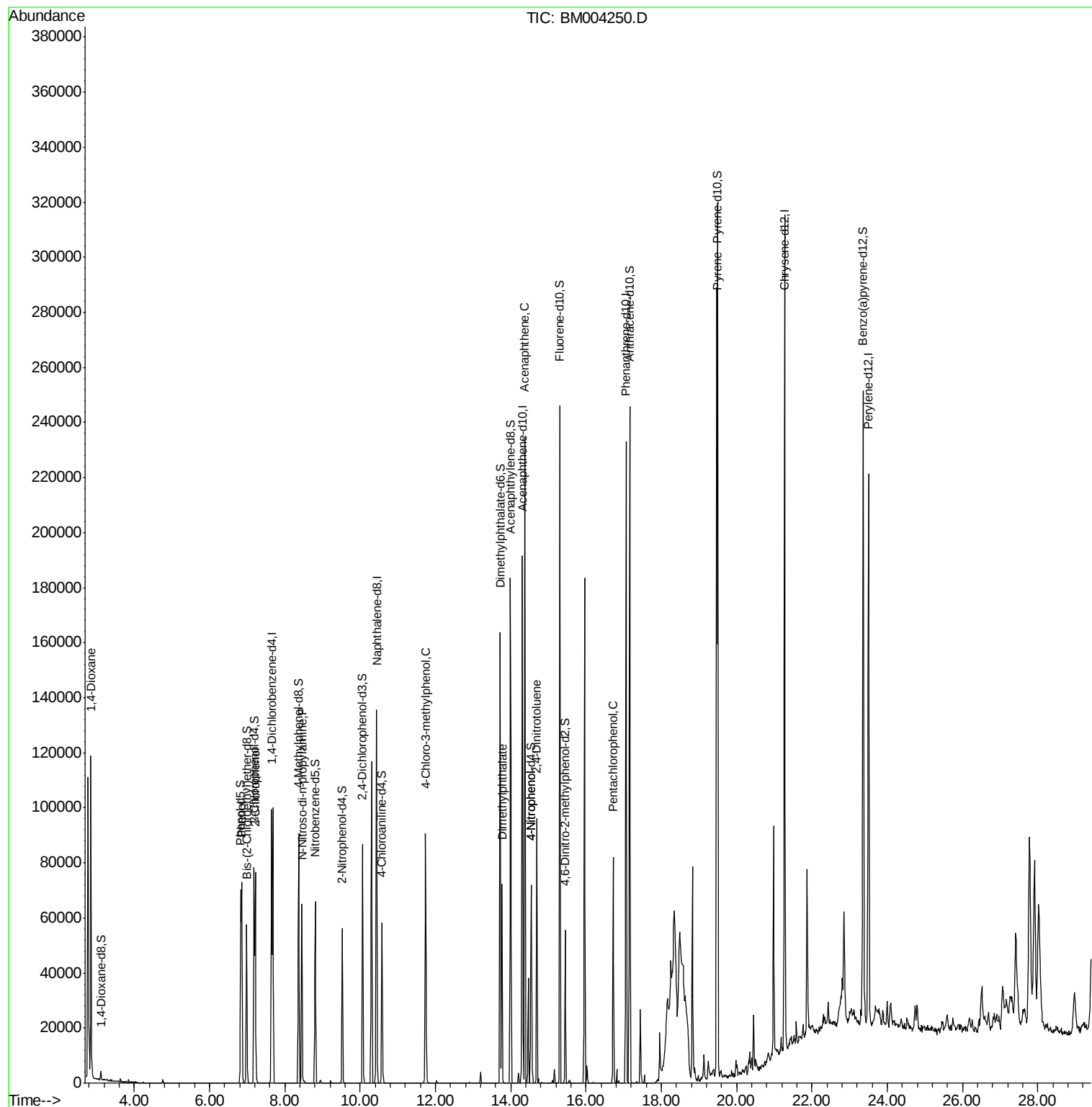
						Qvalue
2) 1,4-Dioxane	2.85	88	867	1.28	ng/uL#	1
6) Phenol	6.85	94	44115	17.67	ng/ul	99
10) 2-Chlorophenol	7.21	128	38309	17.73	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	27175	17.71	ng/ul	97
33) 4-Chloro-3-methylphenol	11.74	107	38828	17.66	ng/ul	98
45) Dimethylphthalate	13.76	163	50780	8.89	ng/ul	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

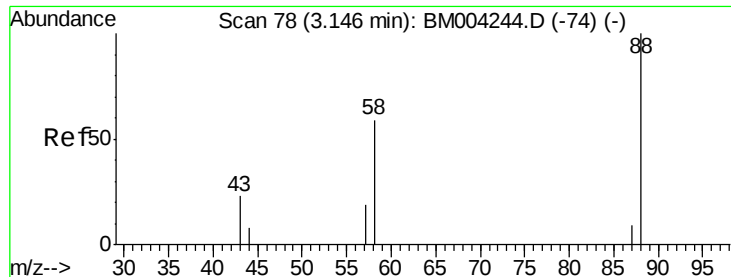
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.28 ng/uL

RT: 2.85 min Scan# 27

Delta R.T. -0.30 min

Lab File: BM004250.D

Acq: 13 Feb 2016 05:03

Instrument :

BNA_M

ClientSampleId :

D9QD4MSD

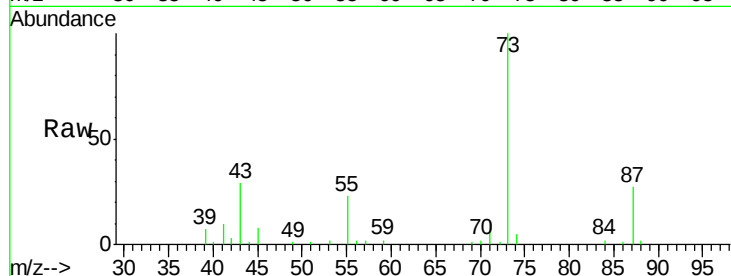
Tgt Ion: 88 Resp: 867

Ion Ratio Lower Upper

88 100

43 1966.7 21.0 31.6#

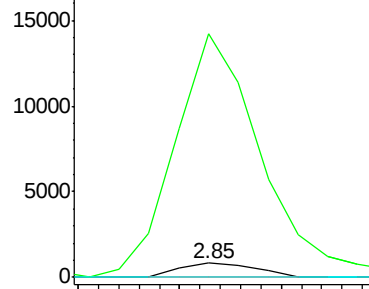
58 0.0 47.8 71.8#



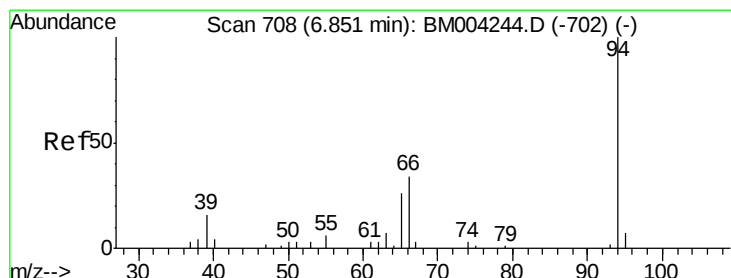
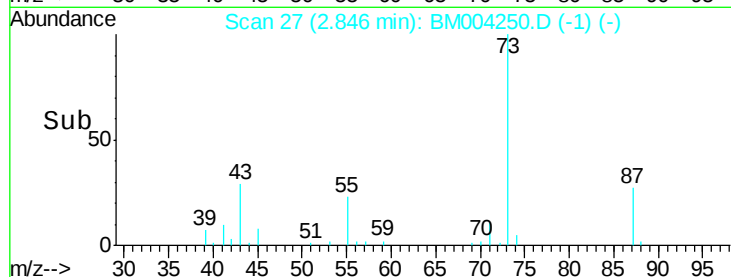
Abundance Ion 88.00 (87.70 to 88.70): BM004244.D (-74) (-)

Ion 43.00 (42.70 to 43.70): BM004244.D (-74) (-)

Ion 58.00 (57.70 to 58.70): BM004244.D (-74) (-)



Time-->



#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

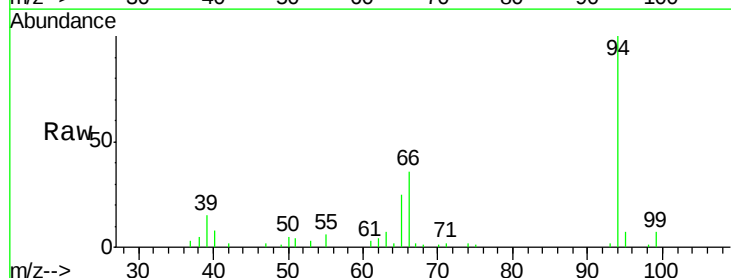
Tgt Ion: 94 Resp: 44115

Ion Ratio Lower Upper

94 100

65 25.4 21.0 31.6

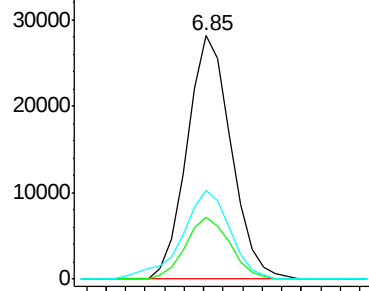
66 36.4 29.3 43.9



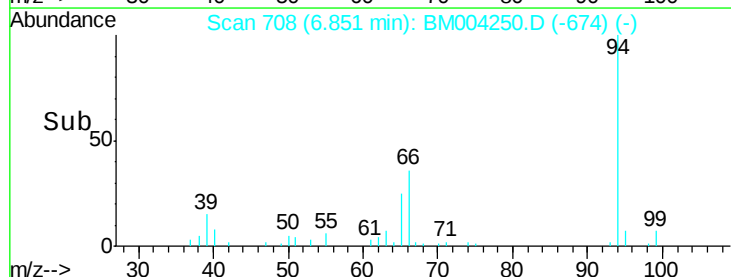
Abundance Ion 94.00 (93.70 to 94.70): BM004244.D (-702) (-)

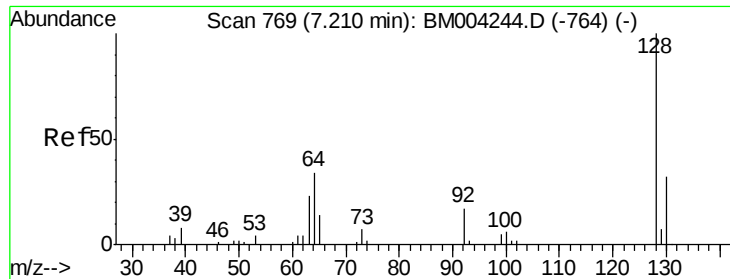
Ion 65.00 (64.70 to 65.70): BM004244.D (-702) (-)

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



Time-->

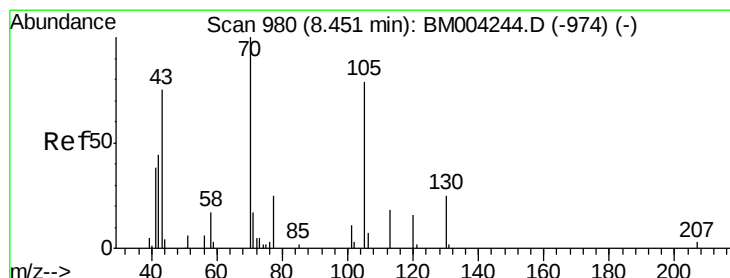
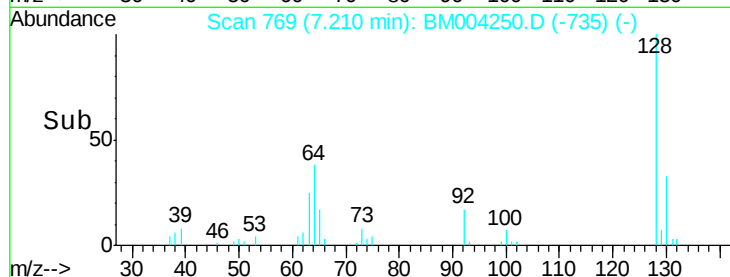
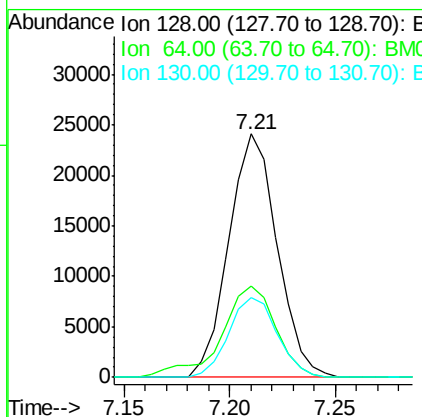
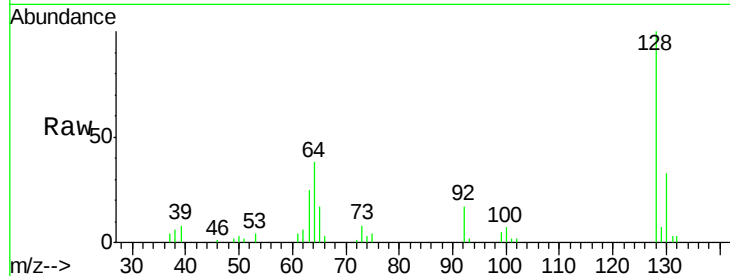




#10
 2-Chlorophenol
 Concen: 17.73 ng/ul
 RT: 7.21 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BM004250.D
 Acq: 13 Feb 2016 05:03

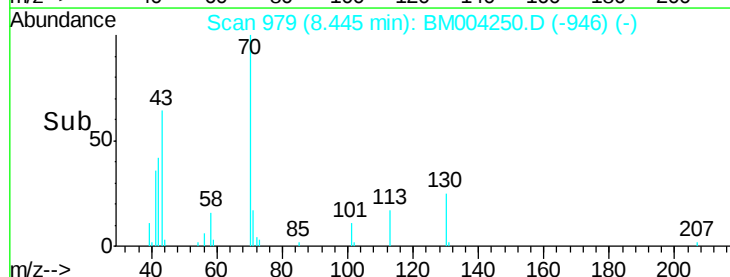
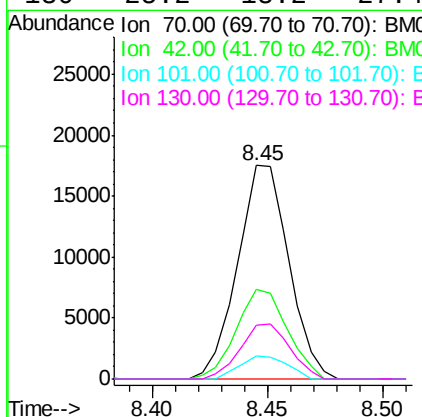
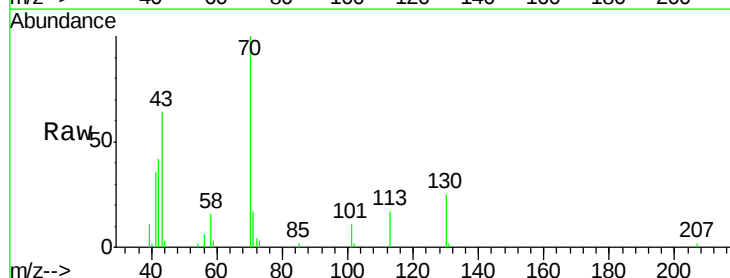
Instrument :
 BNA_M
 ClientSampleId :
 D9QD4MSD

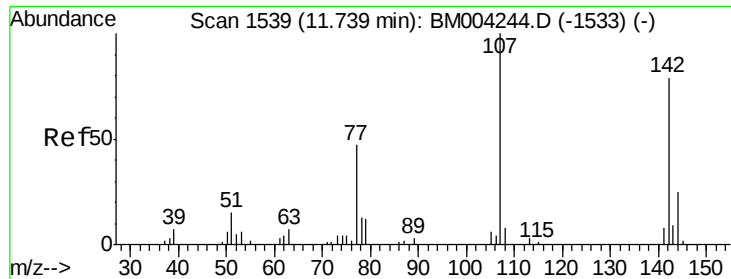
Tgt Ion: 128 Resp: 38309
 Ion Ratio Lower Upper
 128 100
 64 37.7 31.9 47.9
 130 33.0 25.6 38.4



#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

Tgt 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

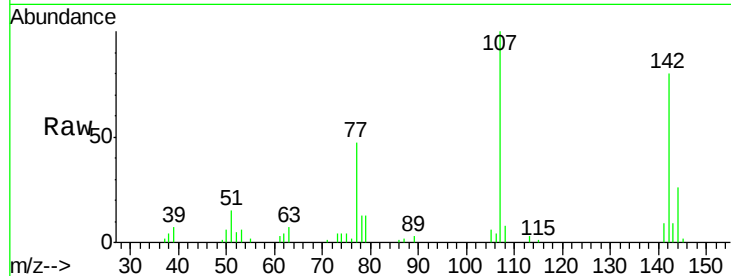




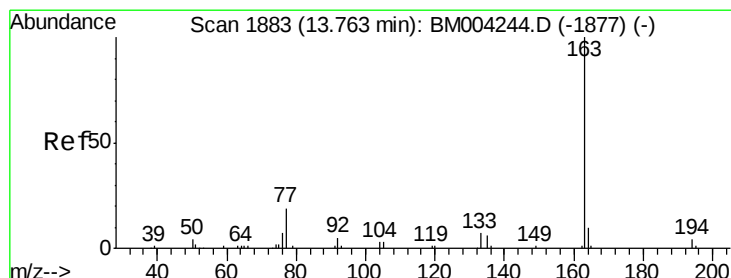
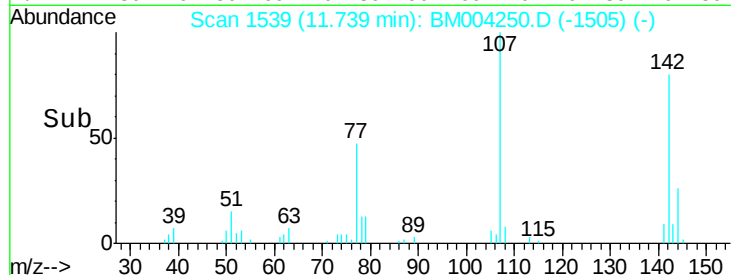
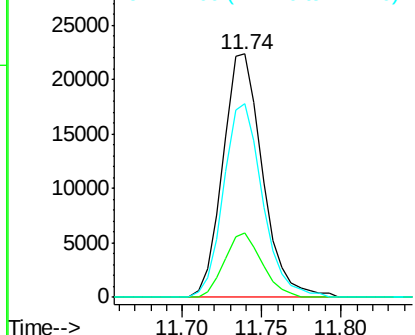
#33
 4-Chloro-3-methylphenol
 Concen: 17.66 ng/ul
 RT: 11.74 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BM004250.D
 Acq: 13 Feb 2016 05:03

Instrument :
 BNA_M
 ClientSampleId :
 D9QD4MSD

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

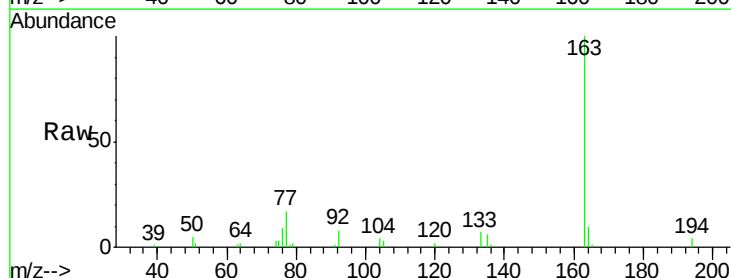


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

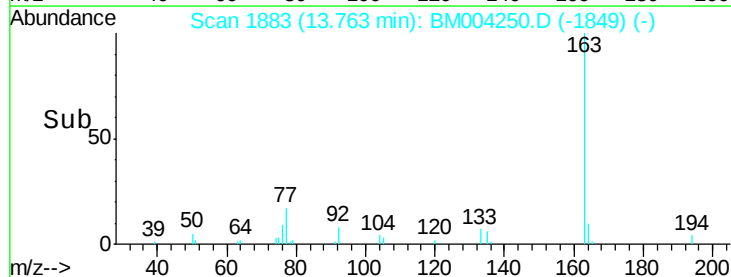
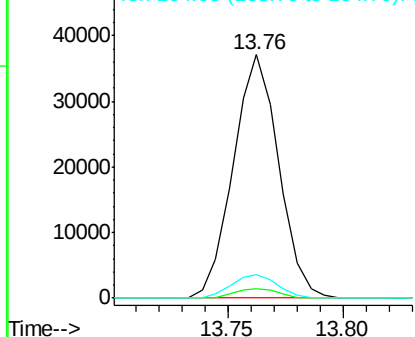


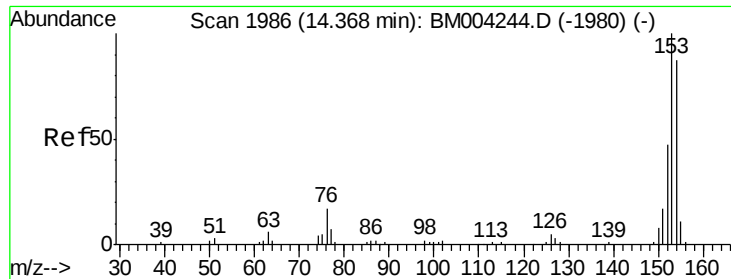
#45
 Dimethylphthalate
 Concen: 8.89 ng/ul
 RT: 13.76 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: BM004250.D
 Acq: 13 Feb 2016 05:03

Tgt 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

Instrument :

BNA_M

ClientSampleId :

D9QD4MSD

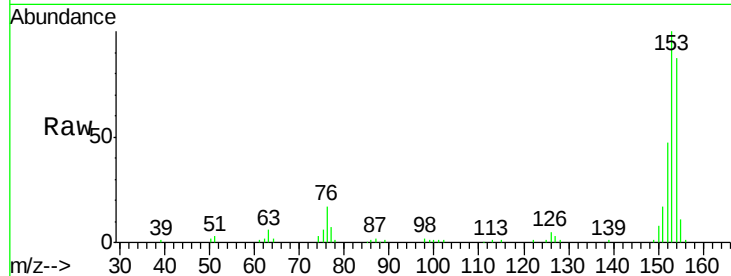
Tgt Ion:153 Resp: 96203

Ion Ratio Lower Upper

153 100

152 46.7 38.3 57.5

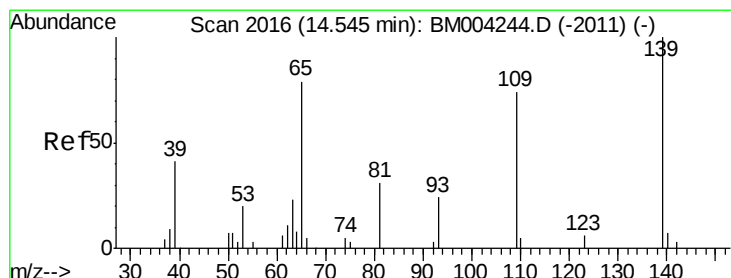
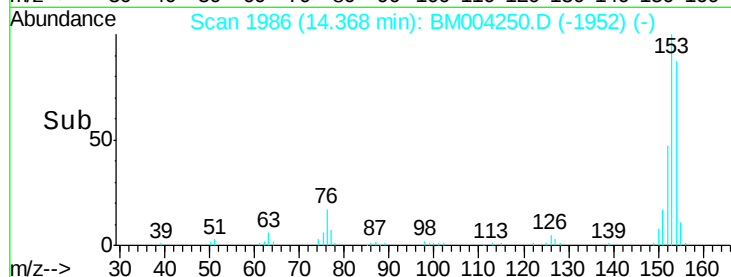
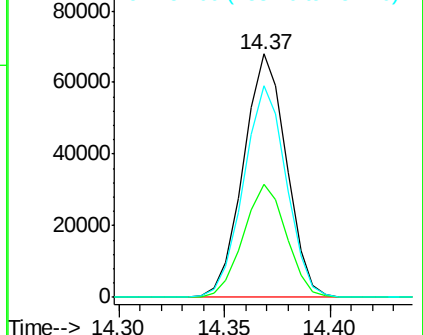
154 87.1 71.8 107.8



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

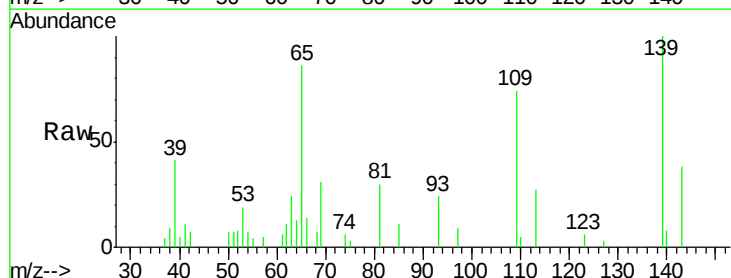
Tgt Ion:109 Resp: 11589

Ion Ratio Lower Upper

109 100

139 135.9 103.7 155.5

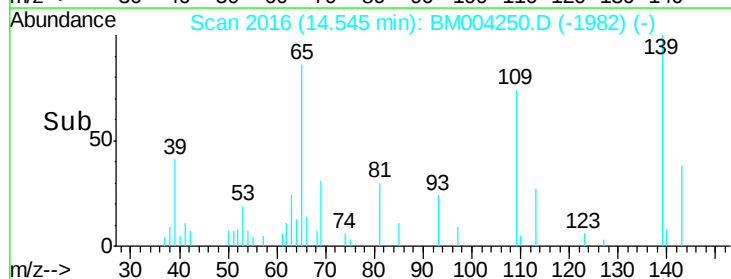
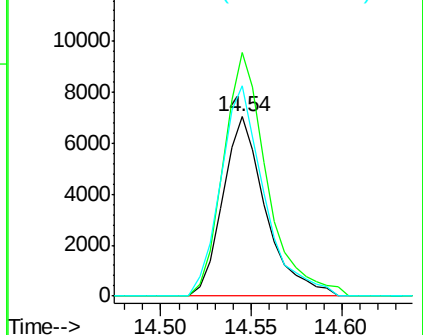
65 117.2 89.4 134.2

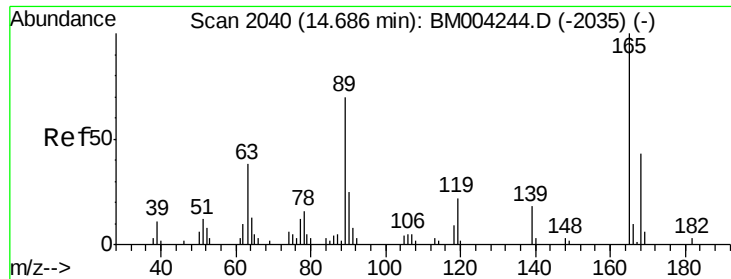


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

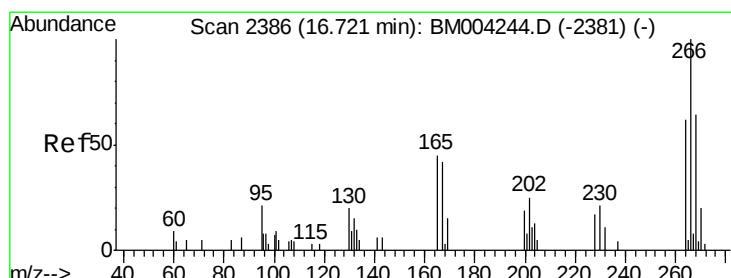
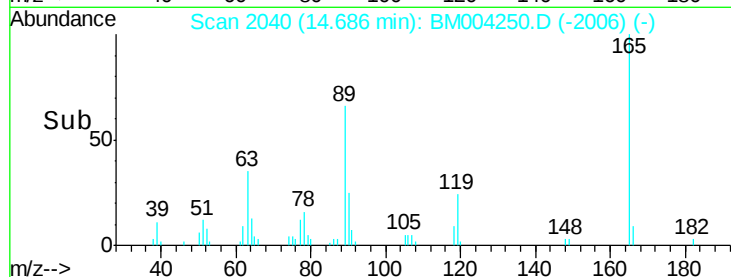
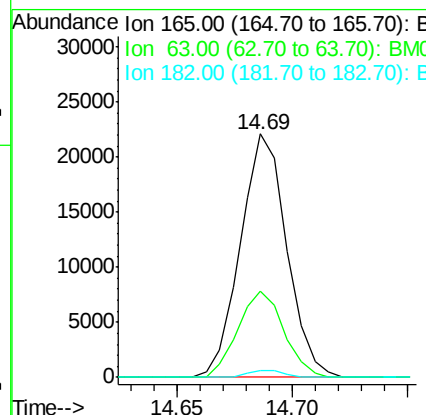
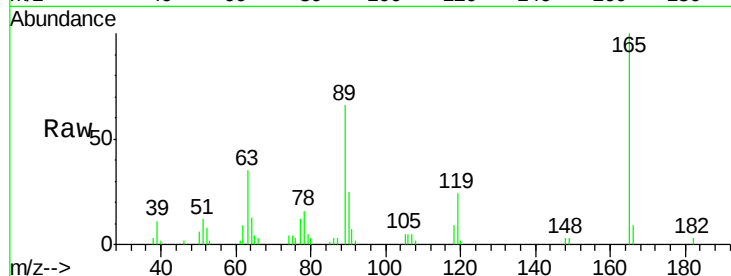




#55
 2,4-Dinitrotoluene
 Concen: 19.06 ng/ul
 RT: 14.69 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BM004250.D
 Acq: 13 Feb 2016 05:03

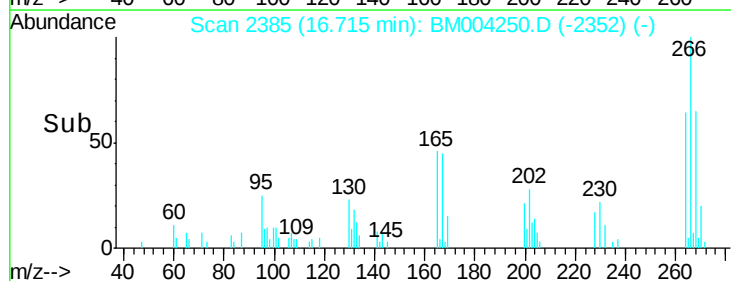
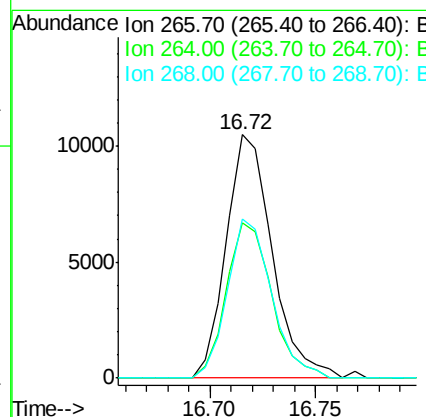
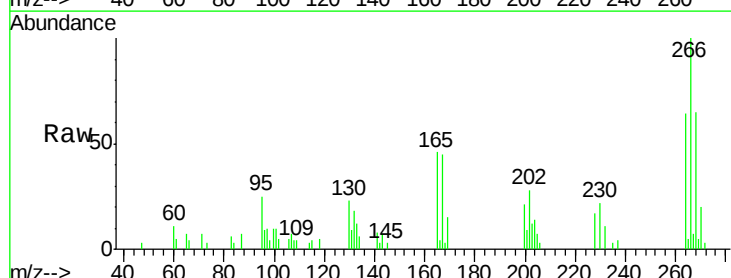
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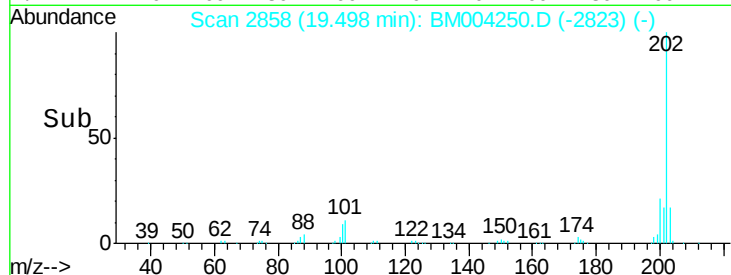
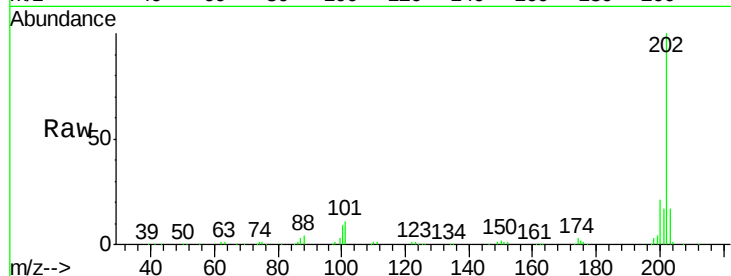
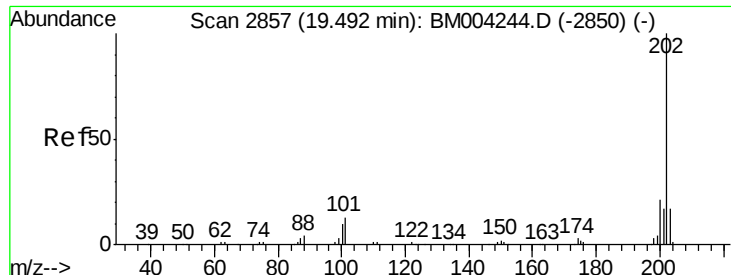
Tgt Ion:165 Resp: 30869
 Ion Ratio Lower Upper
 165 100
 63 35.4 29.8 44.6
 182 2.8 2.2 3.4



#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

Tgt Ion:266 Resp: 15849
 Ion Ratio Lower Upper
 266 100
 264 63.8 50.5 75.7
 268 65.2 50.9 76.3





#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

Instrument :

BNA_M

ClientSampleId :

D9QD4MSD

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

