

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061715\
 Data File : BM001720.D
 Acq On : 17 Jun 2015 14:34
 Operator : TP/IZ
 Sample : G2661-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D98Q6MS

Quant Time: Jun 18 03:29:28 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 18 03:27:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	60948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	244332	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	150699	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	352217	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	446055	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	451572	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	5971	4.67	ng/uL	0.00
5) Phenol-d5	6.83	99	121423	25.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	71918	27.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	99439	26.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	100511	26.75	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	46037	27.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	51177	27.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	100443	25.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	111490	27.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	314681	28.16	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	396992	27.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	55135	26.74	ng/ul	0.00
57) Fluorene-d10	15.31	176	297066	28.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	50003	23.24	ng/ul	0.00
70) Anthracene-d10	17.16	188	464594	28.32	ng/ul	0.00
78) Pyrene-d10	19.46	212	566700	30.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	581259	29.20	ng/ul	0.00

Target Compounds

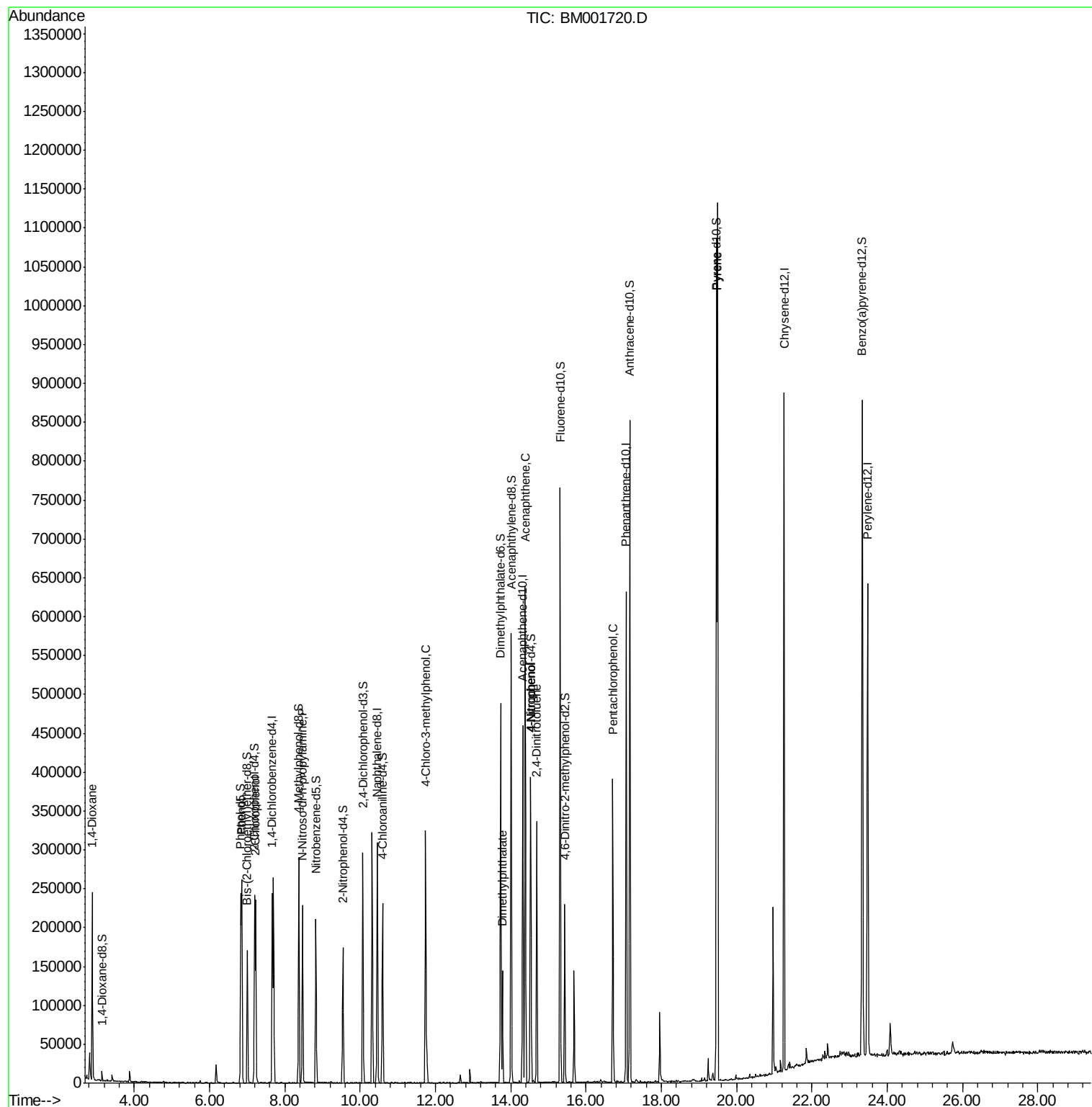
						Qvalue
2) 1,4-Dioxane	2.89	88	1618	1.11	ng/uL#	1
6) Phenol	6.86	94	129177	26.74	ng/ul	97
10) 2-Chlorophenol	7.22	128	94722	24.72	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	79028	27.12	ng/ul	96
33) 4-Chloro-3-methylphenol	11.74	107	107048	26.19	ng/ul	96
44) Dimethylphthalate	13.77	163	84196	6.89	ng/ul	99
49) Acenaphthene	14.38	153	249254	24.97	ng/ul	99
52) 4-Nitrophenol	14.53	109	52131	24.47	ng/ul	95
54) 2,4-Dinitrotoluene	14.69	165	87508	25.85	ng/ul	99
68) Pentachlorophenol	16.71	266	64552	23.86	ng/ul	95
79) Pyrene	19.49	202	671105	27.12	ng/ul	100

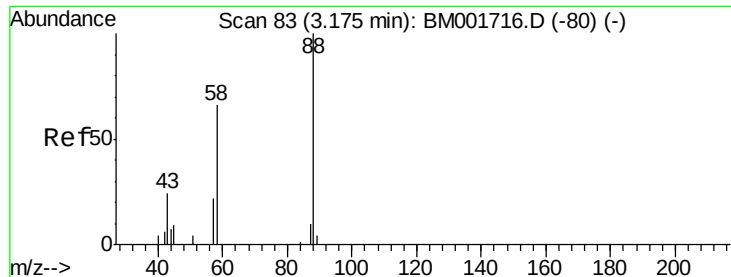
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.11 ng/uL

RT: 2.89 min Scan# 34

Delta R.T. -0.29 min

Lab File: BM001720.D

Acq: 17 Jun 2015 14:34

Instrument :

BNA_M

ClientSampleId :

D98Q6MS

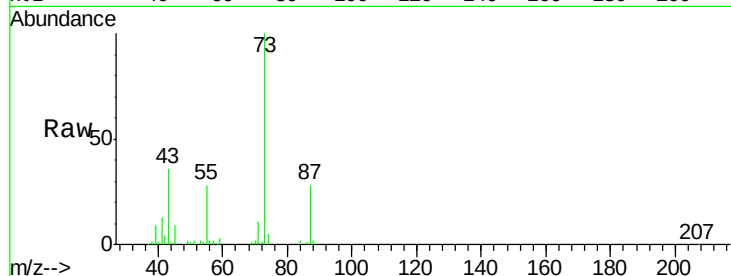
Tgt Ion: 88 Resp: 1618

Ion Ratio Lower Upper

88 100

43 2534.5 24.2 36.4#

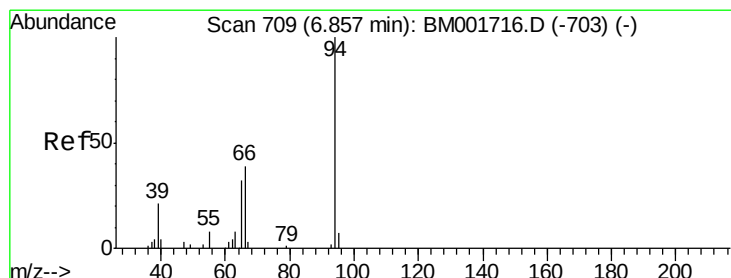
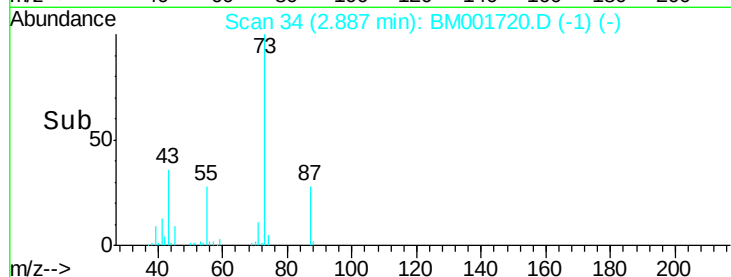
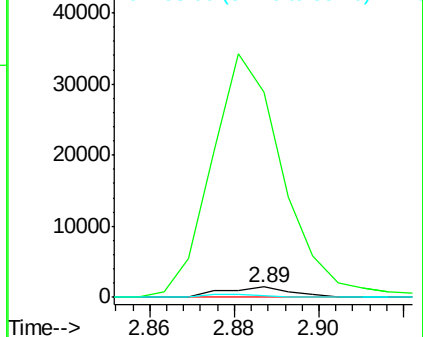
58 24.5 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): BM001720.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM001720.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM001720.D (-1) (-)



#6

Phenol

Concen: 26.74 ng/uL

RT: 6.86 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM001720.D

Acq: 17 Jun 2015 14:34

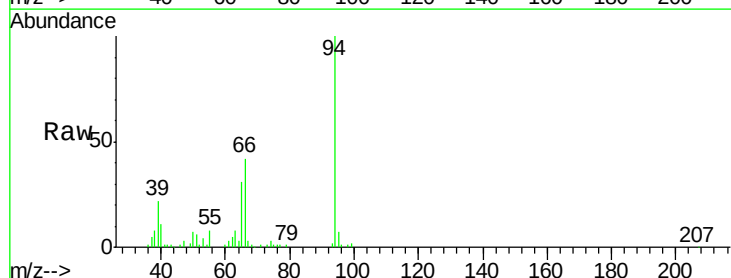
Tgt Ion: 94 Resp: 129177

Ion Ratio Lower Upper

94 100

65 31.3 26.1 39.1

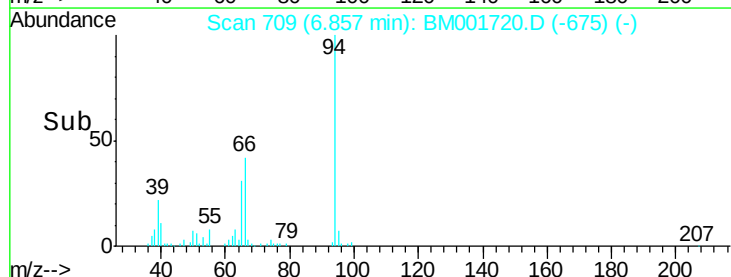
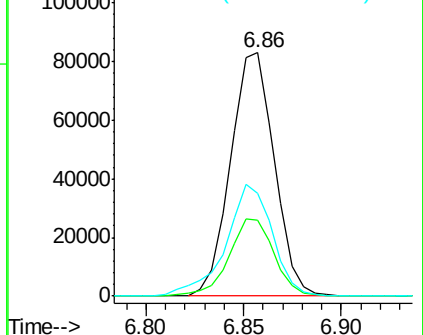
66 42.4 35.9 53.9

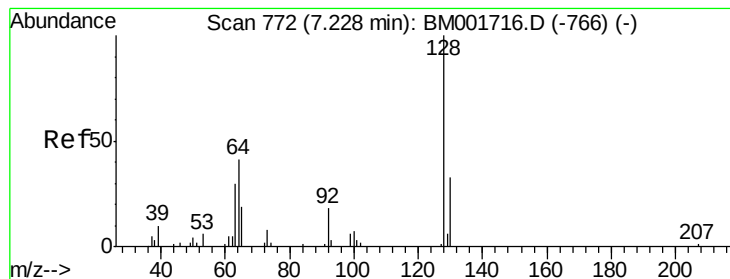


Abundance Ion 94.00 (93.70 to 94.70): BM001720.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM001720.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM001720.D (-675) (-)





#10

2-Chlorophenol

Concen: 24.72 ng/ul

RT: 7.22 min Scan# 771

Delta R.T. -0.01 min

Lab File: BM001720.D

Acq: 17 Jun 2015 14:34

Instrument :

BNA_M

ClientSampleId :

D98Q6MS

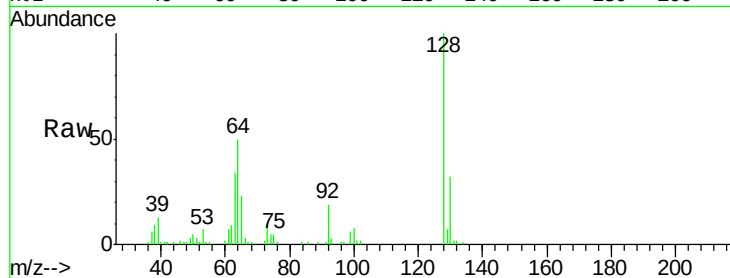
Tgt Ion:128 Resp: 94722

Ion Ratio Lower Upper

128 100

64 49.8 37.4 56.2

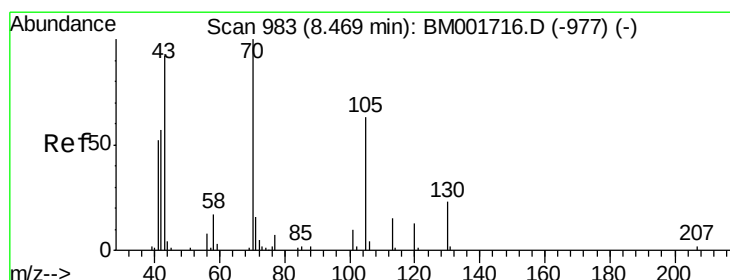
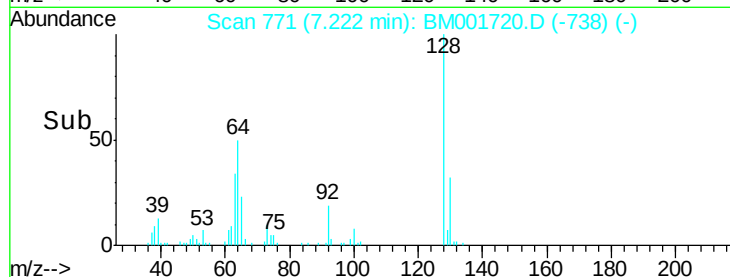
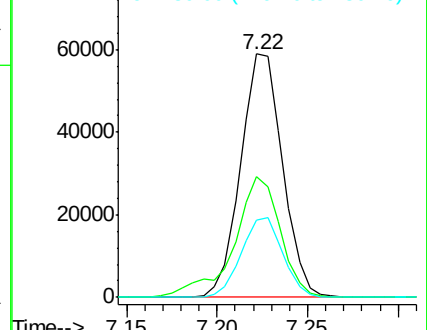
130 31.8 25.4 38.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 27.12 ng/ul

RT: 8.47 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001720.D

Acq: 17 Jun 2015 14:34

Tgt Ion: 70 Resp: 79028

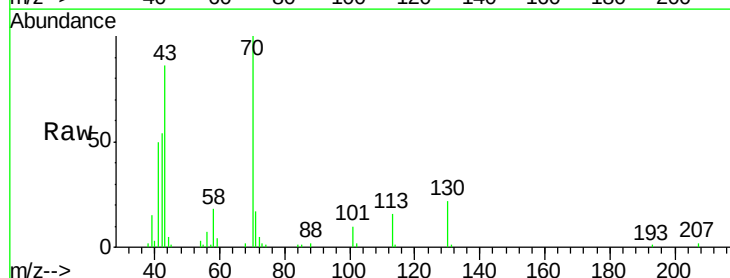
Ion Ratio Lower Upper

70 100

42 54.2 45.2 67.8

101 10.2 7.8 11.6

130 22.4 15.5 23.3

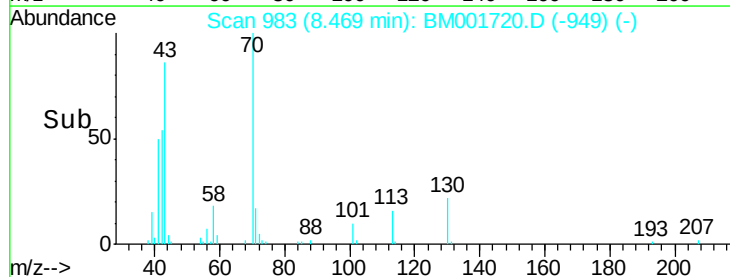
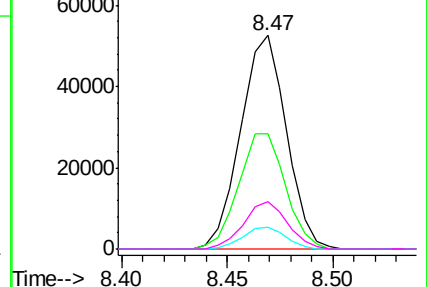


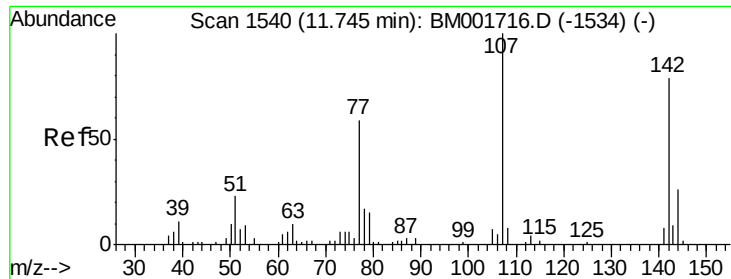
Abundance Ion 70.00 (69.70 to 70.70): BM0

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

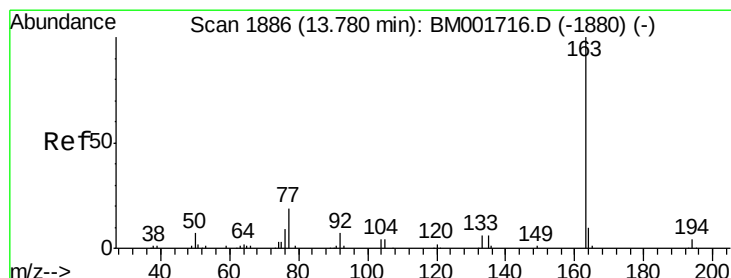
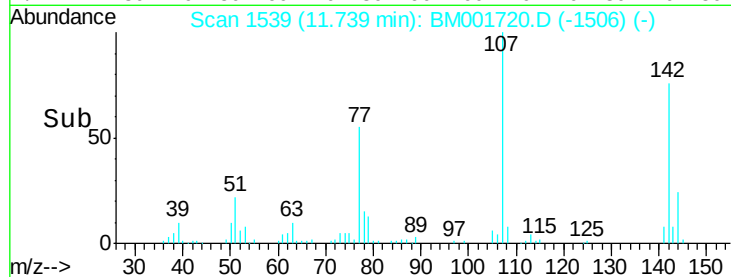
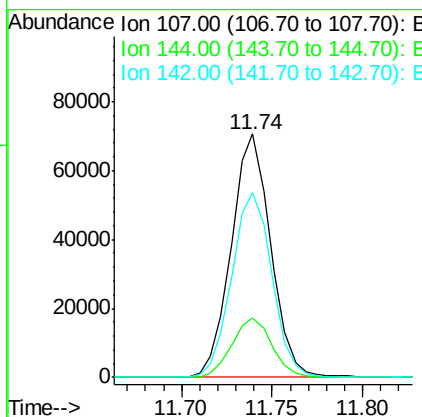
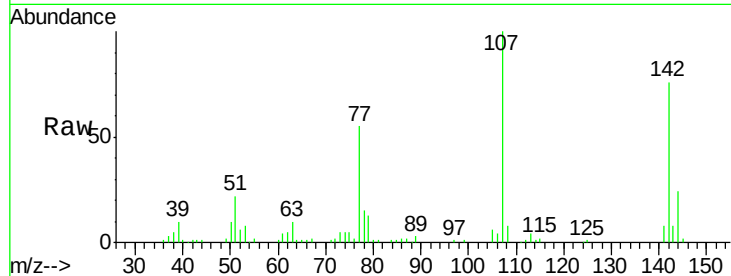




#33
 4-Chloro-3-methylphenol
 Concen: 26.19 ng/ul
 RT: 11.74 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BM001720.D
 Acq: 17 Jun 2015 14:34

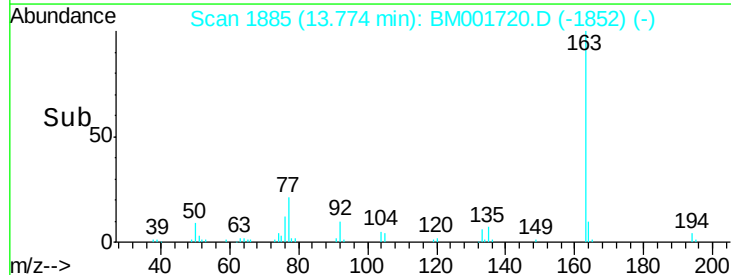
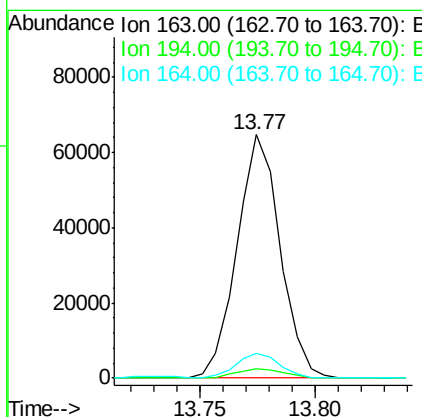
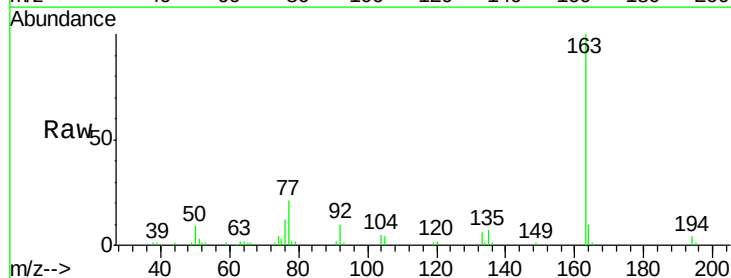
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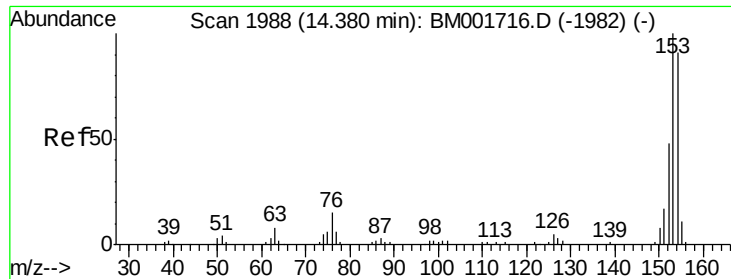
Tgt Ion:107 Resp: 107048
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.2 30.4
 142 75.9 57.7 86.5



#44
 Dimethylphthalate
 Concen: 6.89 ng/ul
 RT: 13.77 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BM001720.D
 Acq: 17 Jun 2015 14:34

Tgt Ion:163 Resp: 84196
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.6 5.4
 164 10.2 8.0 12.0





#49

Acenaphthene

Concen: 24.97 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BM001720.D

Acq: 17 Jun 2015 14:34

Instrument :

BNA_M

ClientSampleId :

D98Q6MS

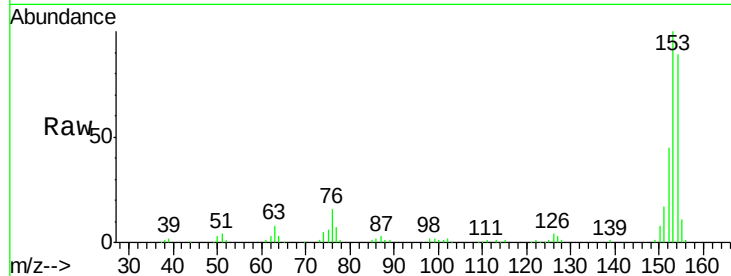
Tgt Ion:153 Resp: 249254

Ion Ratio Lower Upper

153 100

152 45.3 36.6 55.0

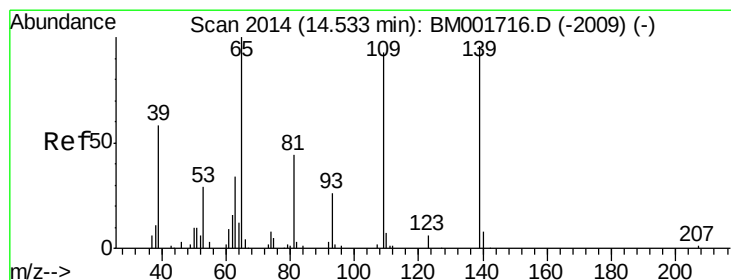
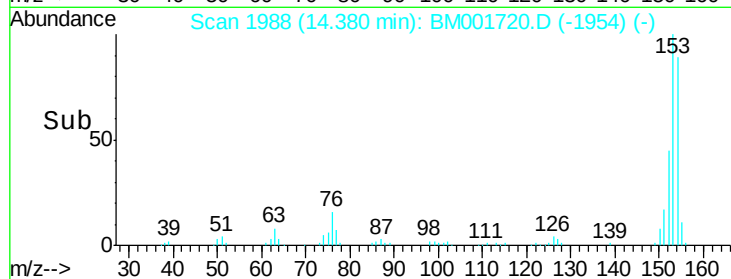
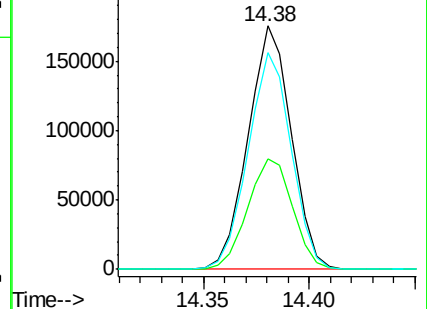
154 89.2 72.6 108.8



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



#52

4-Nitrophenol

Concen: 24.47 ng/ul

RT: 14.53 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BM001720.D

Acq: 17 Jun 2015 14:34

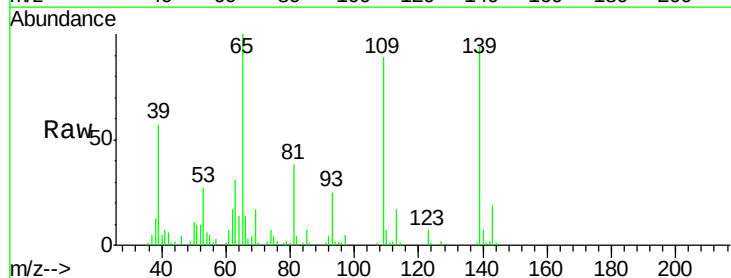
Tgt Ion:109 Resp: 52131

Ion Ratio Lower Upper

109 100

139 105.9 81.7 122.5

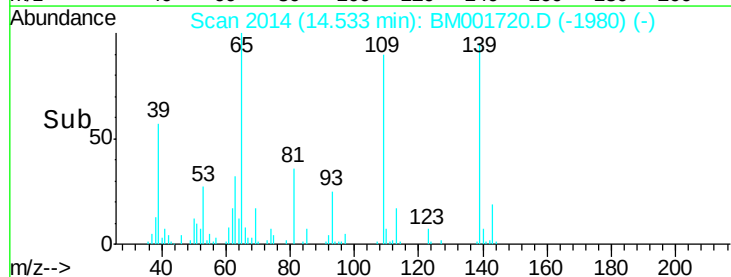
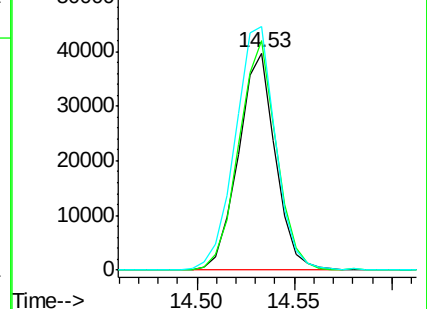
65 112.2 94.3 141.5

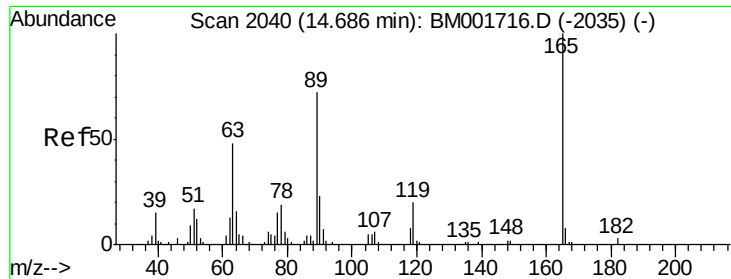


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

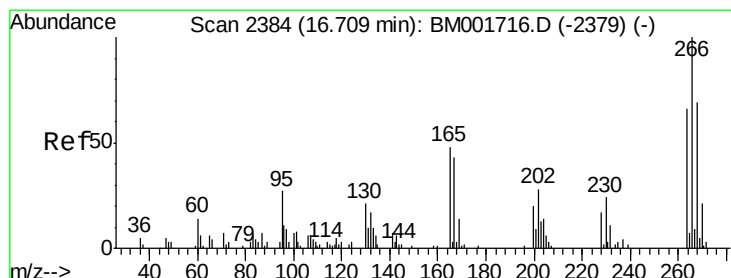
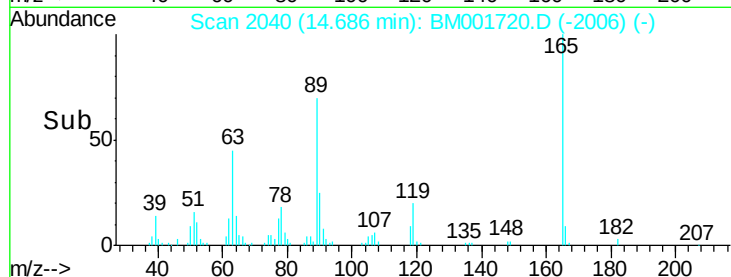
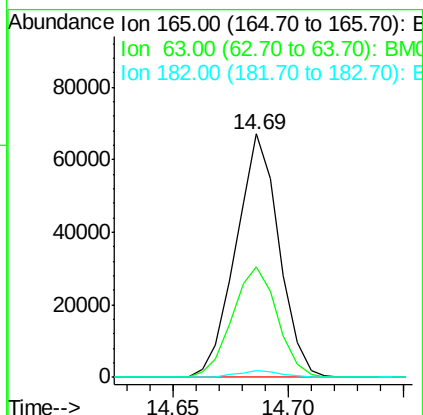
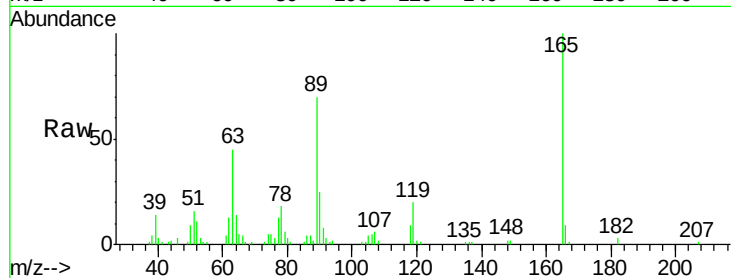




#54
 2,4-Dinitrotoluene
 Concen: 25.85 ng/ul
 RT: 14.69 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BM001720.D
 Acq: 17 Jun 2015 14:34

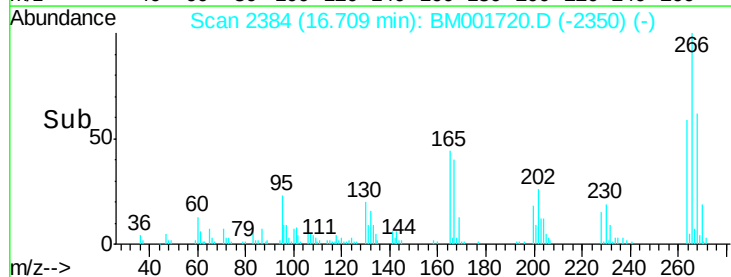
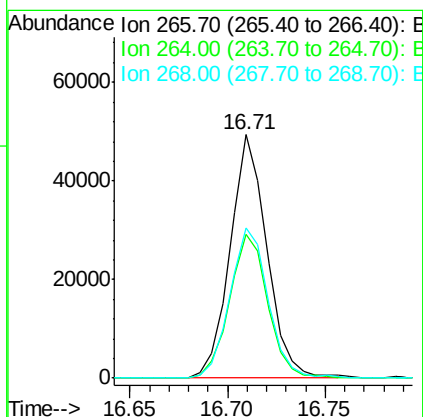
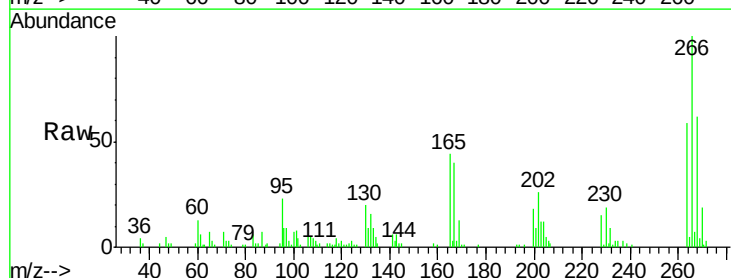
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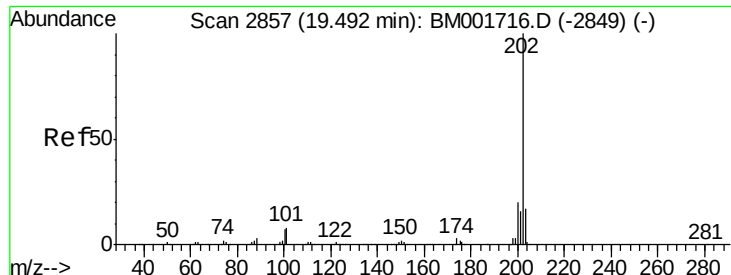
Tgt Ion:165 Resp: 87508
 Ion Ratio Lower Upper
 165 100
 63 45.3 35.4 53.2
 182 2.8 2.1 3.1



#68
 Pentachlorophenol
 Concen: 23.86 ng/ul
 RT: 16.71 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM001720.D
 Acq: 17 Jun 2015 14:34

Tgt Ion:266 Resp: 64552
 Ion Ratio Lower Upper
 266 100
 264 59.2 50.8 76.2
 268 61.6 52.0 78.0





#79

Pyrene

Concen: 27.12 ng/ul

RT: 19.49 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM001720.D

Acq: 17 Jun 2015 14:34

Instrument :

BNA_M

ClientSampleId :

D98Q6MS

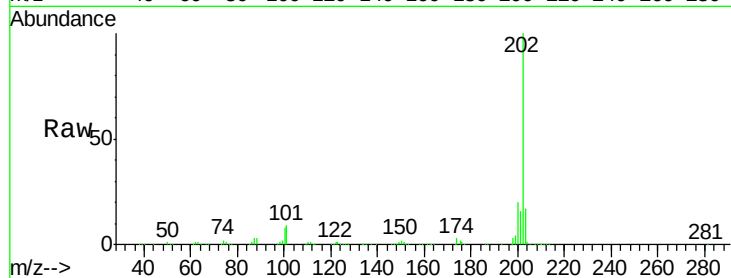
Tgt Ion: 202 Resp: 671105

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

100 7.9 6.2 9.2



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

