

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061715\
 Data File : BM001721.D
 Acq On : 17 Jun 2015 15:10
 Operator : TP/IZ
 Sample : G2661-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D98Q6MSD

Quant Time: Jun 18 03:45:24 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	60720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	248753	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	150858	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	360708	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	453719	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	456477	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	5737	4.50	ng/uL	0.00
5) Phenol-d5	6.83	99	120149	25.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	69334	26.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	97071	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	101911	27.22	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	45030	26.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	49734	26.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	102231	25.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	111704	27.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	319411	28.55	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	394600	26.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	55570	26.93	ng/ul	0.00
57) Fluorene-d10	15.31	176	296100	28.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	51857	23.53	ng/ul	0.00
70) Anthracene-d10	17.16	188	477127	28.40	ng/ul	0.00
78) Pyrene-d10	19.46	212	564987	29.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	591673	29.41	ng/ul	0.00

Target Compounds

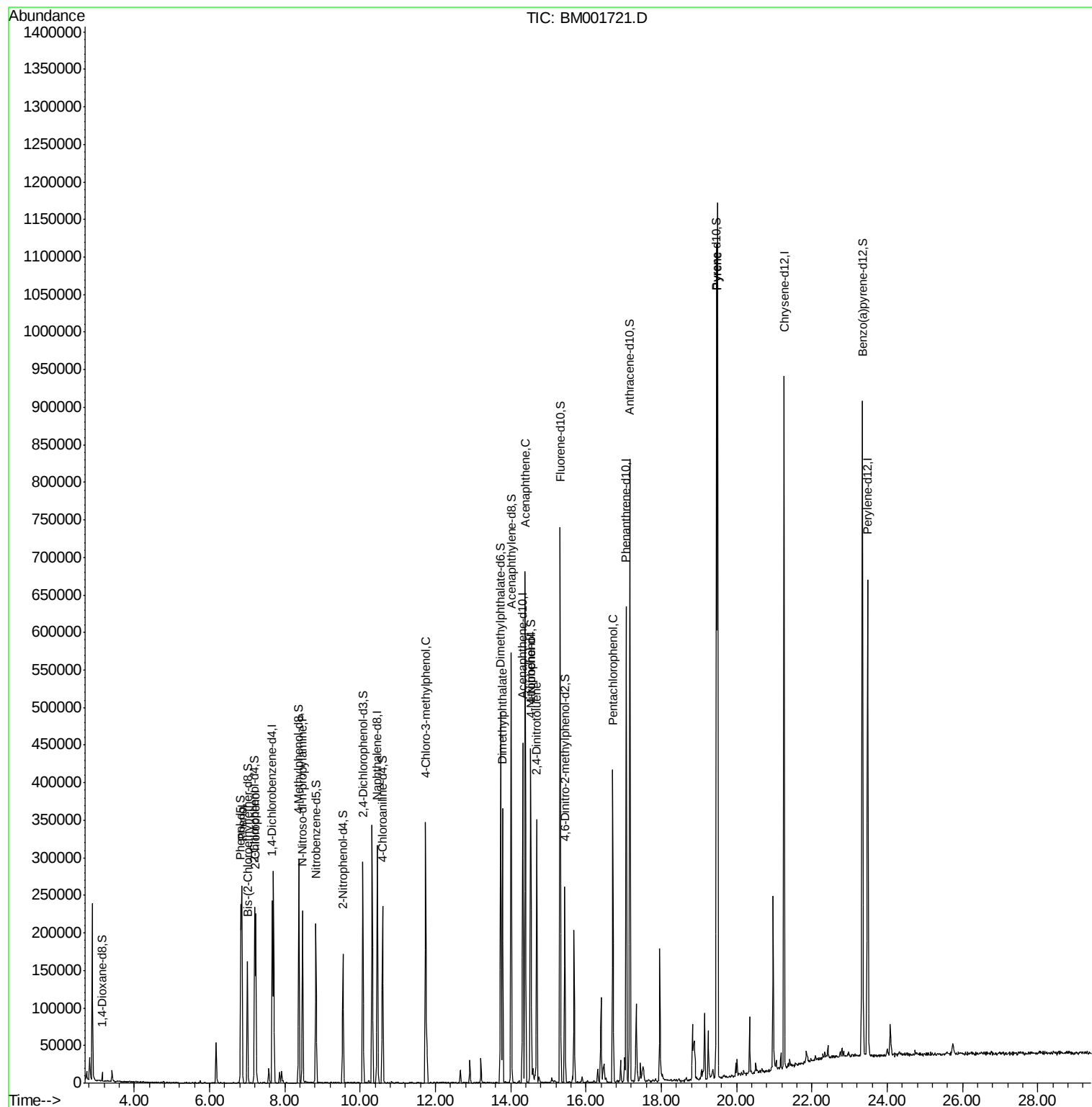
						Qvalue
6) Phenol	6.86	94	131084	27.23	ng/ul	97
10) 2-Chlorophenol	7.23	128	94172	24.67	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	80387	27.69	ng/ul	98
33) 4-Chloro-3-methylphenol	11.74	107	112054	26.92	ng/ul	95
44) Dimethylphthalate	13.77	163	219900	17.98	ng/ul	99
49) Acenaphthene	14.38	153	260424	26.06	ng/ul	99
52) 4-Nitrophenol	14.53	109	54943	25.76	ng/ul	96
54) 2,4-Dinitrotoluene	14.69	165	95331	28.13	ng/ul	100
68) Pentachlorophenol	16.71	266	67181	24.25	ng/ul	97
79) Pyrene	19.49	202	698425	27.75	ng/ul	99

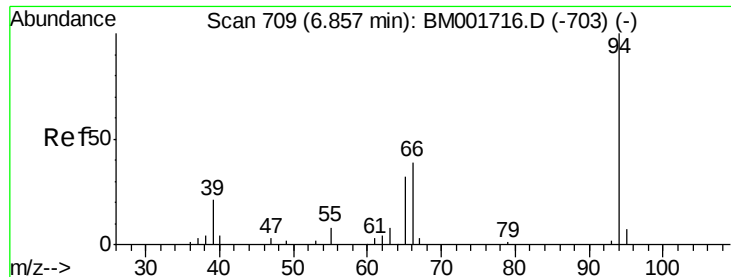
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 27.23 ng/ul

RT: 6.86 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM001721.D

Acq: 17 Jun 2015 15:10

Instrument :

BNA_M

ClientSampleId :

D98Q6MSD

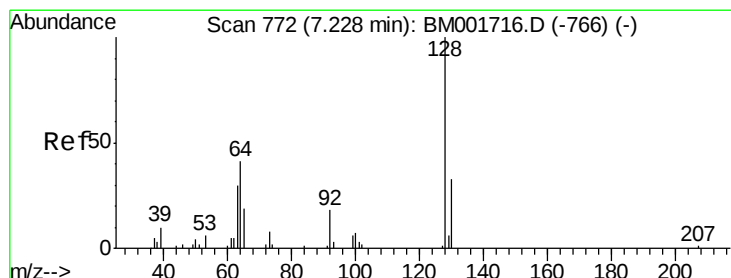
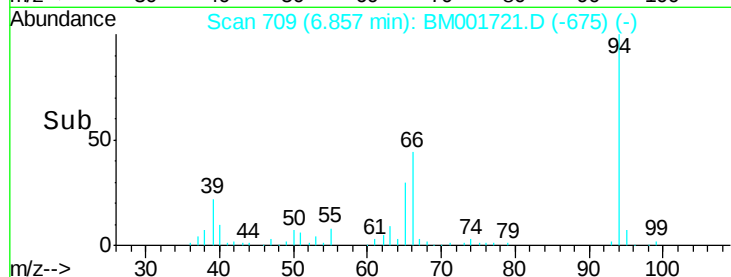
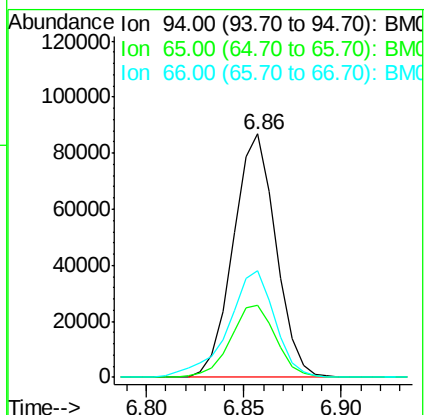
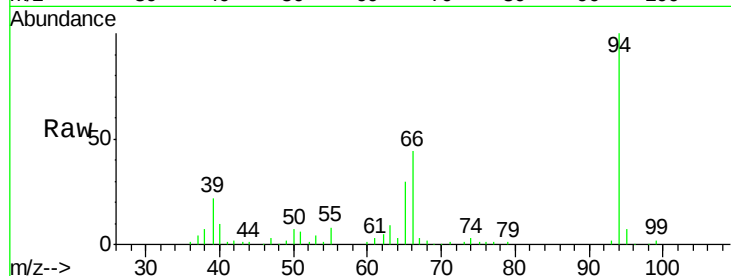
Tgt Ion: 94 Resp: 131084

Ion Ratio Lower Upper

94 100

65 29.8 26.1 39.1

66 43.8 35.9 53.9



#10

2-Chlorophenol

Concen: 24.67 ng/ul

RT: 7.23 min Scan# 772

Delta R.T. 0.00 min

Lab File: BM001721.D

Acq: 17 Jun 2015 15:10

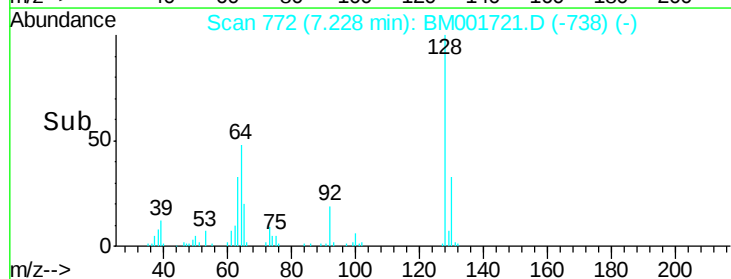
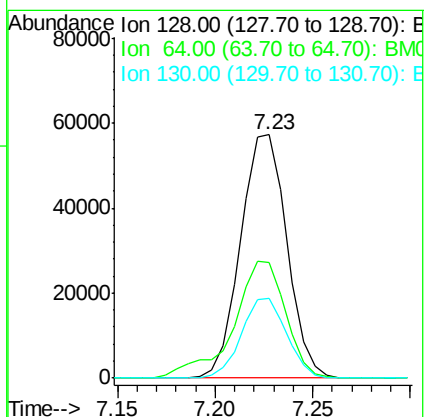
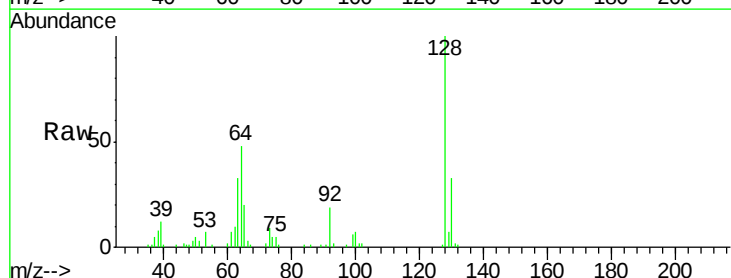
Tgt Ion: 128 Resp: 94172

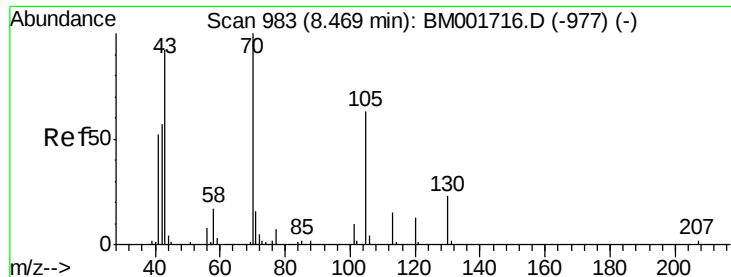
Ion Ratio Lower Upper

128 100

64 47.5 37.4 56.2

130 32.6 25.4 38.0





#15

N-Nitroso-di-n-propylamine

Concen: 27.69 ng/ul

RT: 8.47 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001721.D

Acq: 17 Jun 2015 15:10

Instrument :

BNA_M

ClientSampleId :

D98Q6MSD

Tgt Ion: 70 Resp: 80387

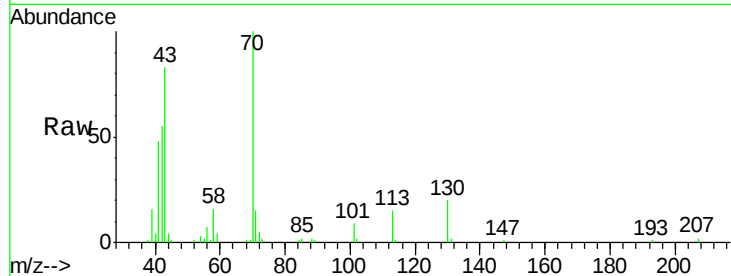
Ion Ratio Lower Upper

70 100

42 55.0 45.2 67.8

101 9.2 7.8 11.6

130 19.7 15.5 23.3

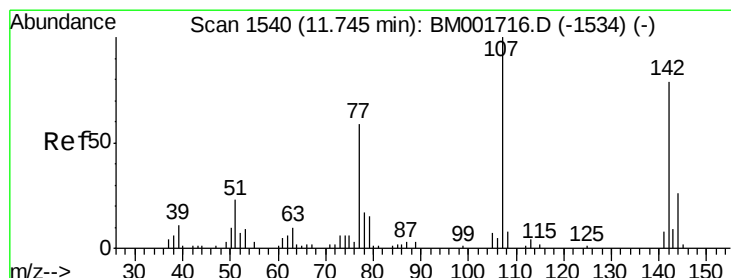
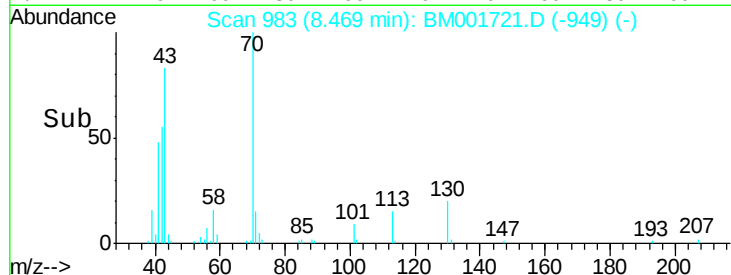
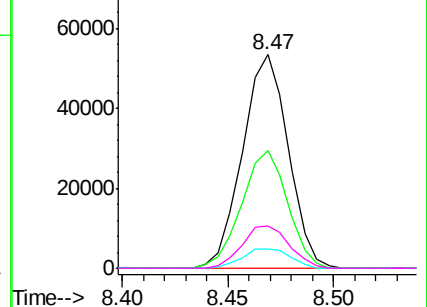


Abundance Ion 70.00 (69.70 to 70.70): BM001716.D (-977) (-)

Ion 42.00 (41.70 to 42.70): BM001716.D (-977) (-)

Ion 101.00 (100.70 to 101.70): BM001716.D (-977) (-)

Ion 130.00 (129.70 to 130.70): BM001716.D (-977) (-)



#33

4-Chloro-3-methylphenol

Concen: 26.92 ng/ul

RT: 11.74 min Scan# 1539

Delta R.T. -0.01 min

Lab File: BM001721.D

Acq: 17 Jun 2015 15:10

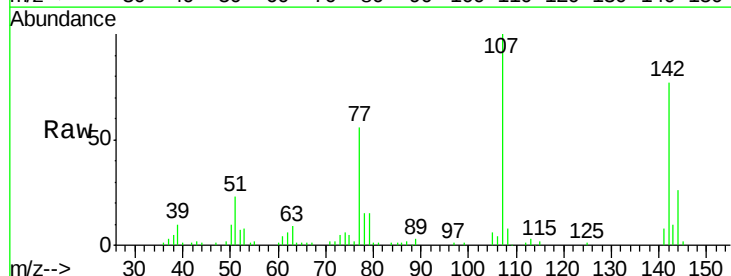
Tgt Ion: 107 Resp: 112054

Ion Ratio Lower Upper

107 100

144 25.7 20.2 30.4

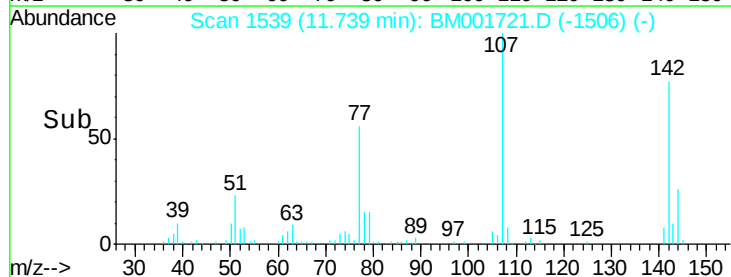
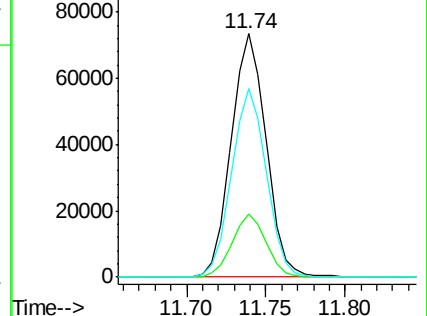
142 77.4 57.7 86.5

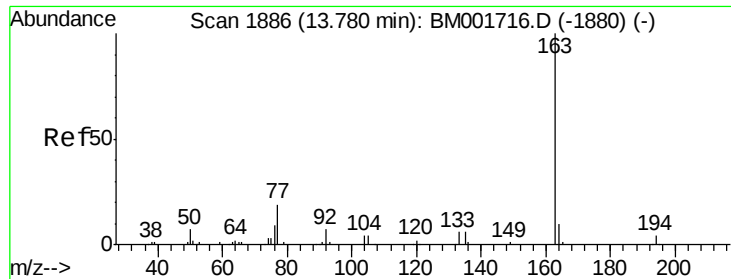


Abundance Ion 107.00 (106.70 to 107.70): BM001716.D (-1534) (-)

Ion 144.00 (143.70 to 144.70): BM001716.D (-1534) (-)

Ion 142.00 (141.70 to 142.70): BM001716.D (-1534) (-)





#44

Dimethylphthalate

Concen: 17.98 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM001721.D

Acq: 17 Jun 2015 15:10

Instrument :

BNA_M

ClientSampleId :

D98Q6MSD

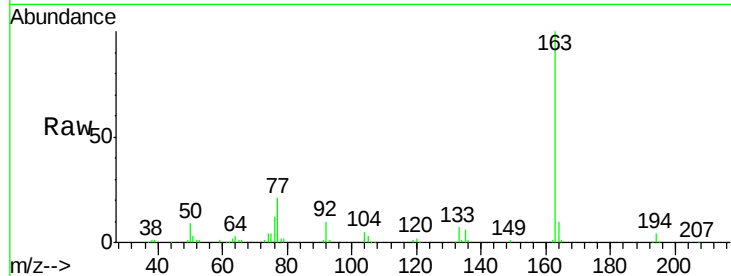
Tgt Ion:163 Resp: 219900

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

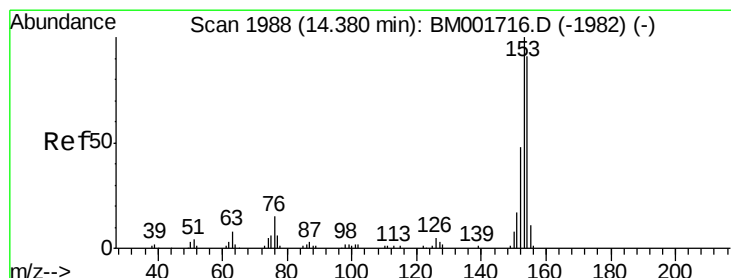
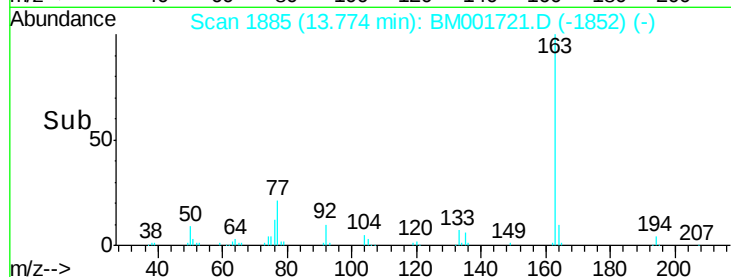
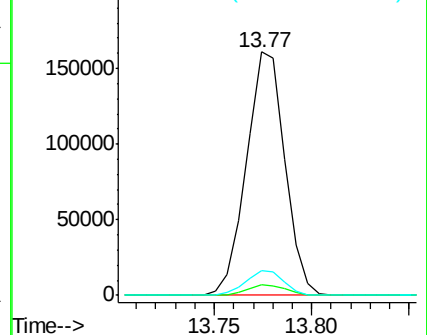
164 10.4 8.0 12.0



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: 26.06 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BM001721.D

Acq: 17 Jun 2015 15:10

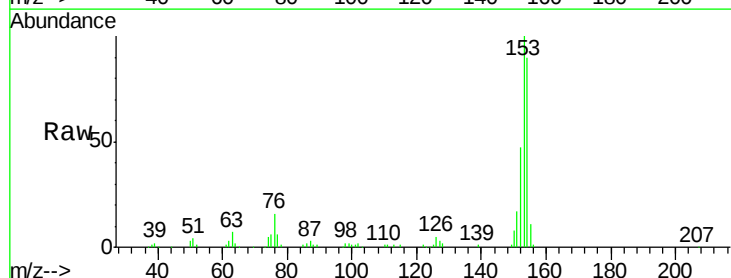
Tgt Ion:153 Resp: 260424

Ion Ratio Lower Upper

153 100

152 47.4 36.6 55.0

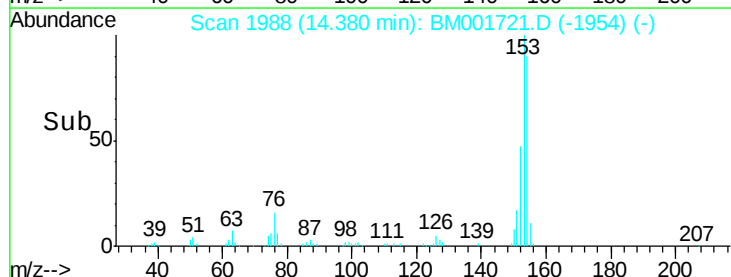
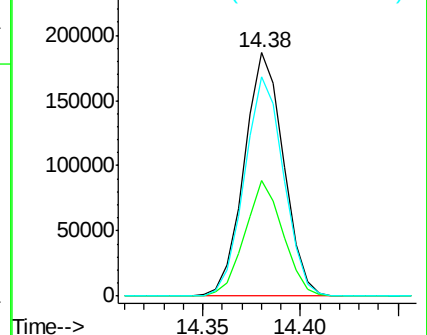
154 89.8 72.6 108.8

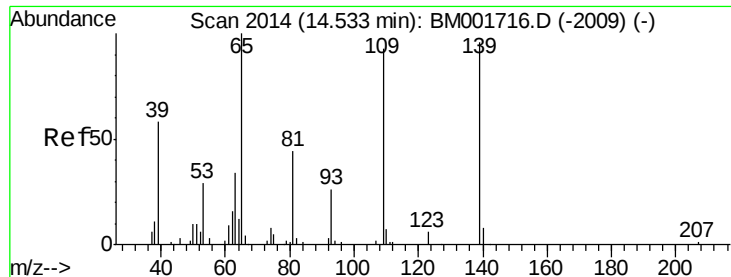


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

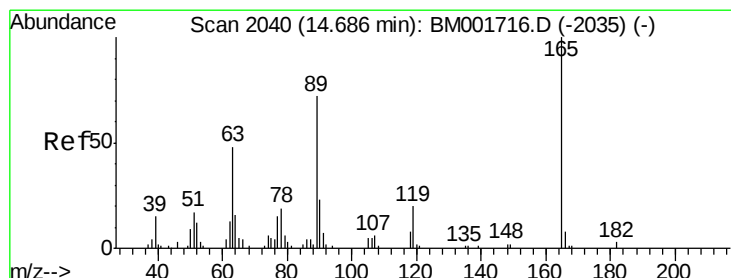
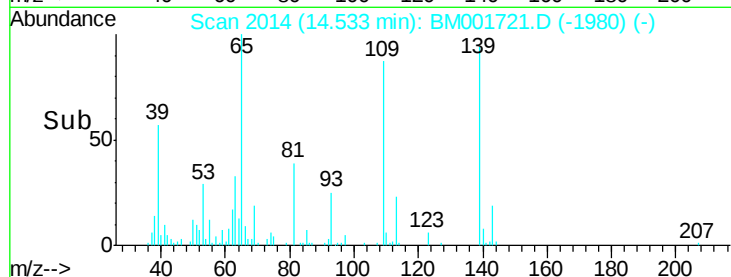
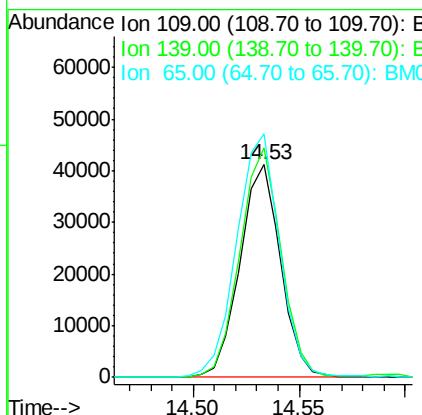
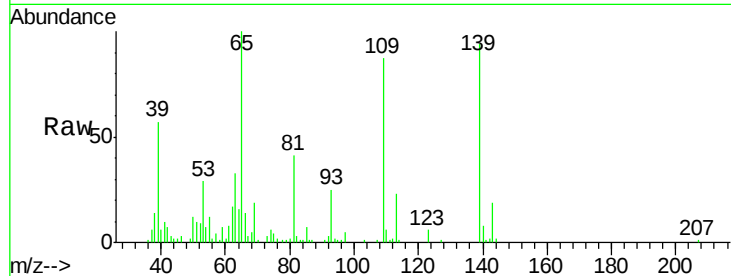




#52
4-Nitrophenol
Concen: 25.76 ng/ul
RT: 14.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM001721.D
Acq: 17 Jun 2015 15:10

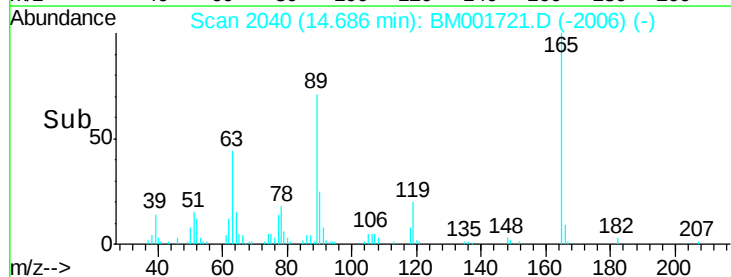
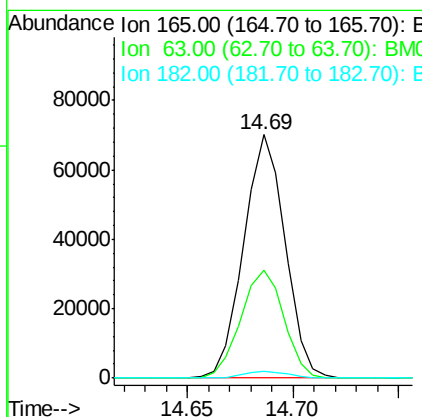
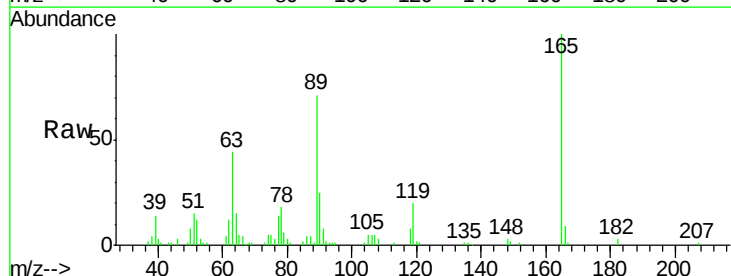
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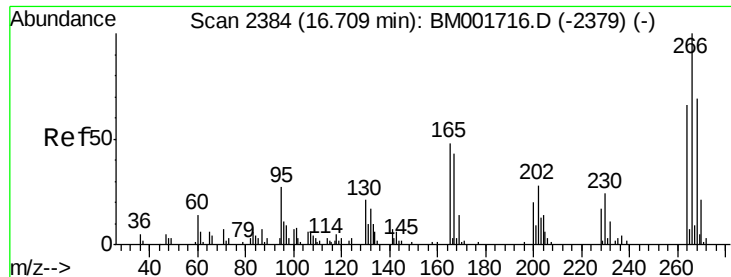
Tgt Ion:109 Resp: 54943
Ion Ratio Lower Upper
109 100
139 108.0 81.7 122.5
65 114.7 94.3 141.5



#54
2,4-Dinitrotoluene
Concen: 28.13 ng/ul
RT: 14.69 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BM001721.D
Acq: 17 Jun 2015 15:10

Tgt Ion:165 Resp: 95331
Ion Ratio Lower Upper
165 100
63 44.3 35.4 53.2
182 2.9 2.1 3.1

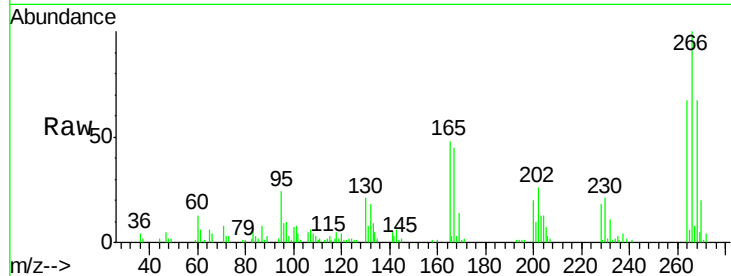




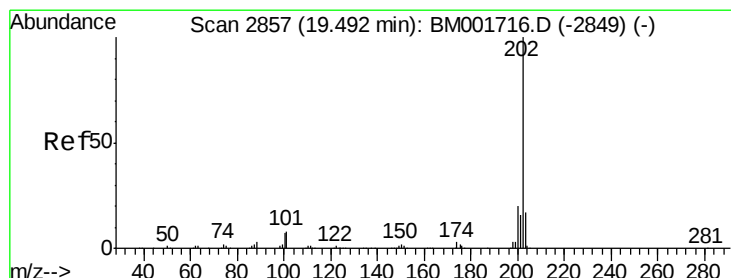
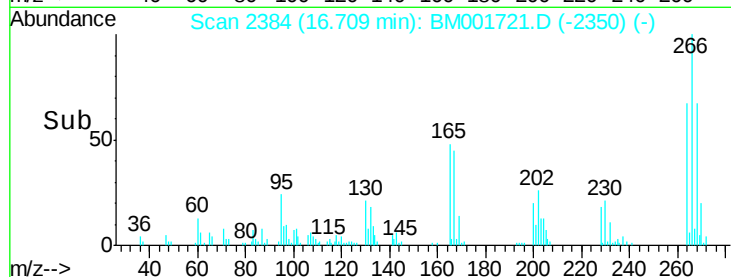
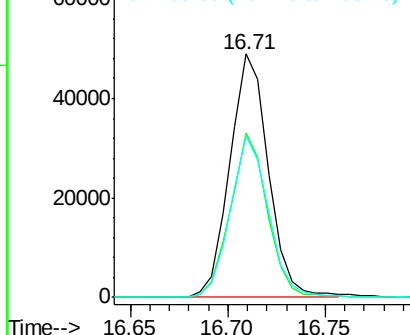
#68
 Pentachlorophenol
 Concen: 24.25 ng/ul
 RT: 16.71 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM001721.D
 Acq: 17 Jun 2015 15:10

Instrument :
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 ClientSampleId :
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Tgt Ion:266 Resp: 67181
 Ion Ratio Lower Upper
 266 100
 264 67.3 50.8 76.2
 268 66.5 52.0 78.0

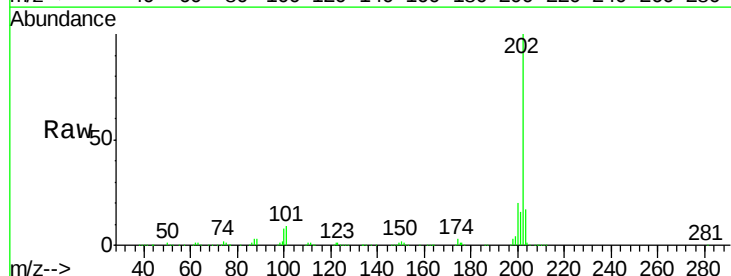


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 27.75 ng/ul
 RT: 19.49 min Scan# 2857
 Delta R.T. 0.00 min
 Lab File: BM001721.D
 Acq: 17 Jun 2015 15:10

Tgt Ion:202 Resp: 698425
 Ion Ratio Lower Upper
 202 100
 101 8.9 6.9 10.3
 100 7.8 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

