

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 03:42:42 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

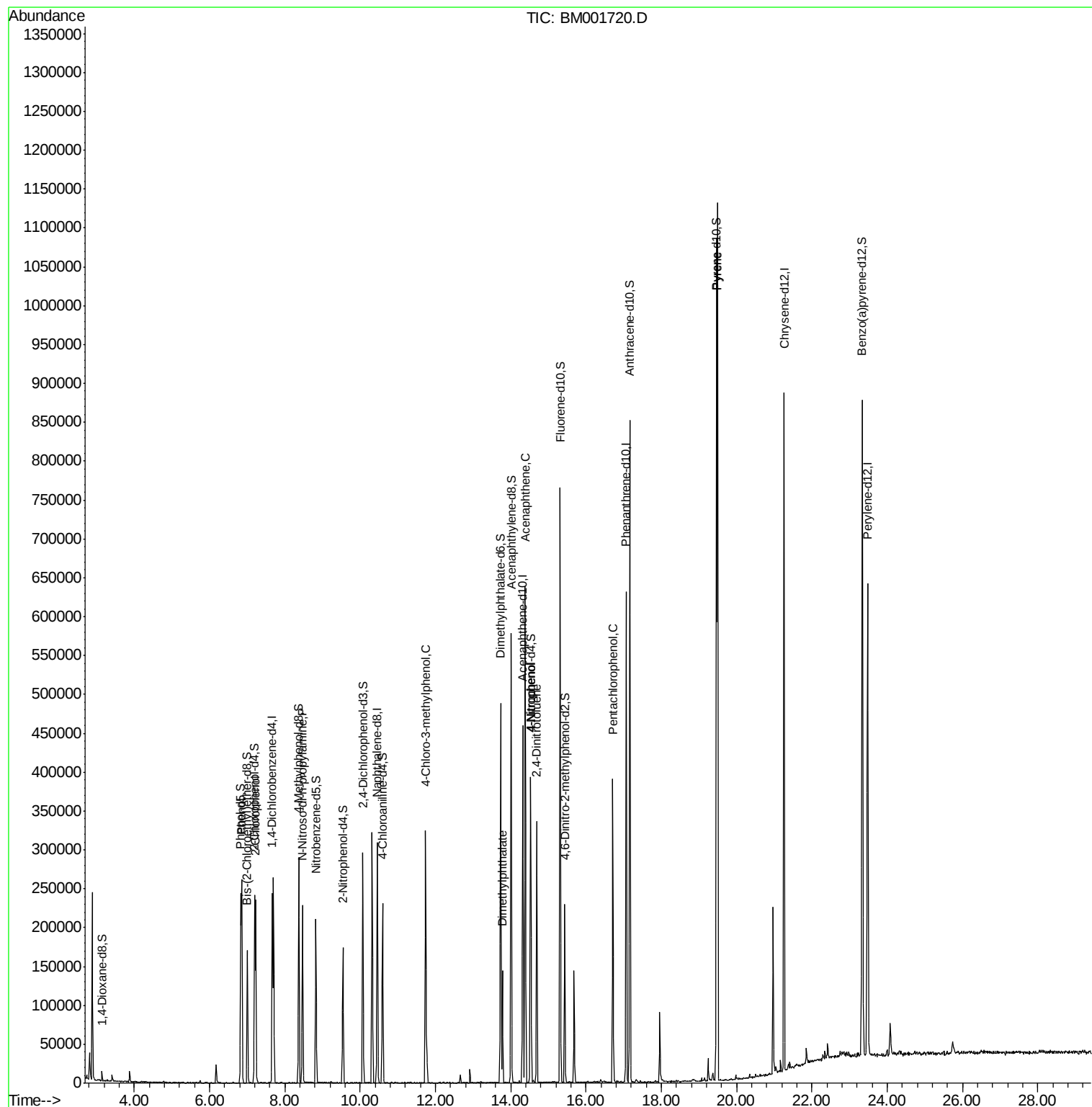
						Qvalue
6) Phenol	6.86	94	129177	26.74	ng/ul	97
10) 2-Chlorophenol	7.22	128	94722	24.72	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	79028	27.12	ng/ul	96
33) 4-Chloro-3-methylphenol	11.74	107	107048	26.19	ng/ul	96
44) Dimethylphthalate	13.77	163	84196	6.89	ng/ul	99
49) Acenaphthene	14.38	153	249254	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

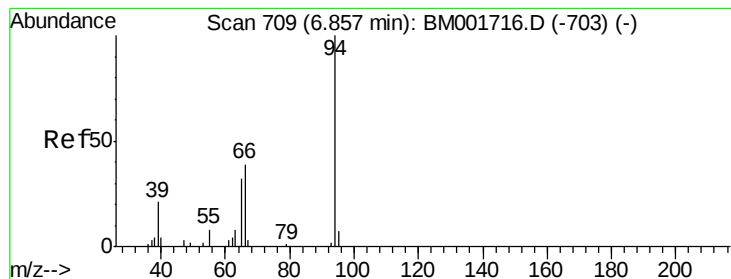
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

Instrument :

BNA_M

ClientSampleId :

D98Q6MS

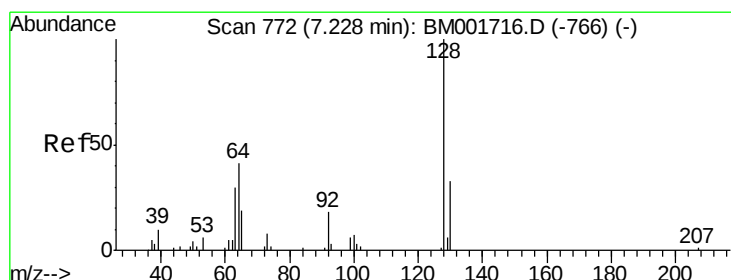
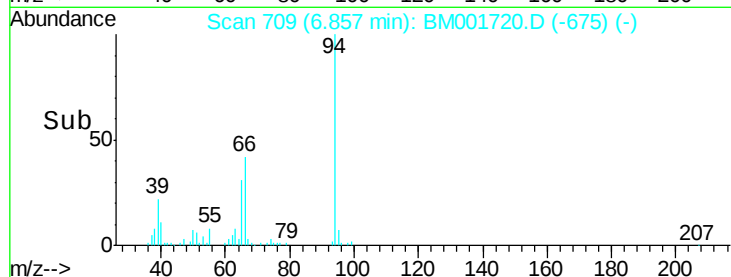
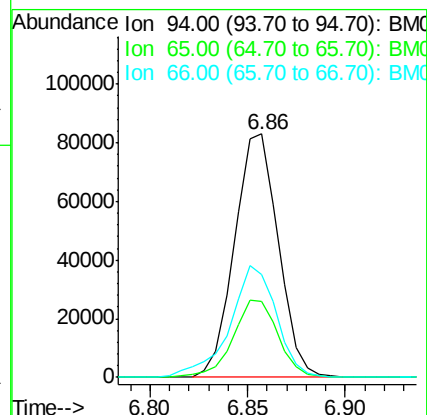
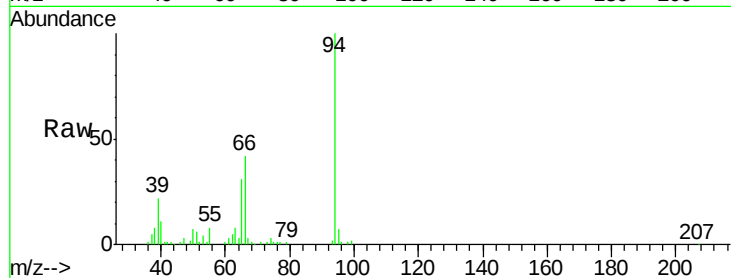
Tgt Ion: 94 Resp: 129177

Ion Ratio Lower Upper

94 100

65 31.3 26.1 39.1

66 42.4 35.9 53.9



#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

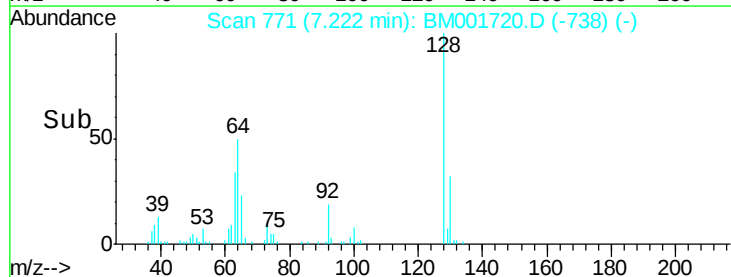
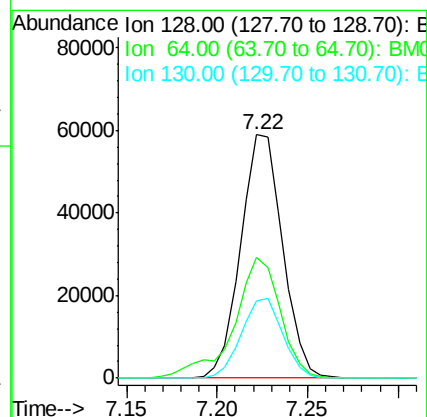
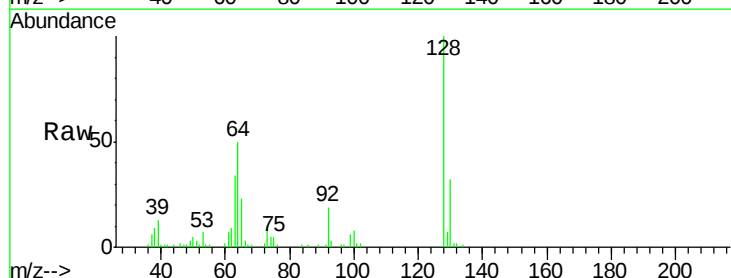
Tgt Ion: 128 Resp: 94722

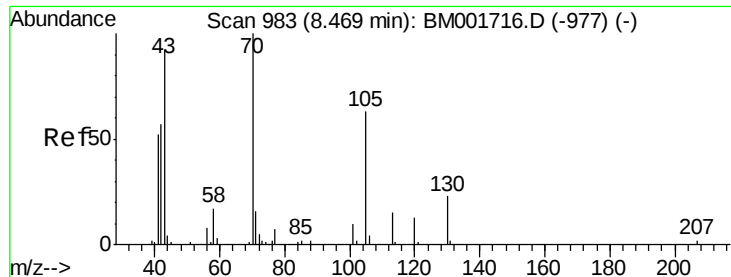
Ion Ratio Lower Upper

128 100

64 49.8 37.4 56.2

130 31.8 25.4 38.0

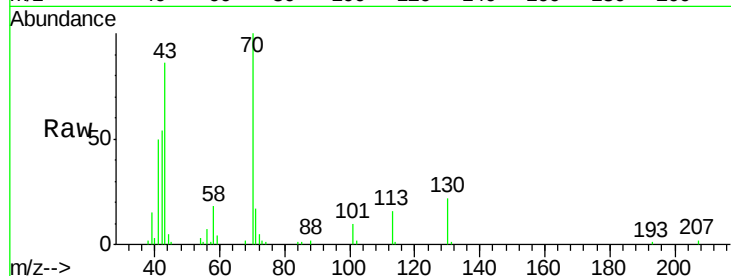




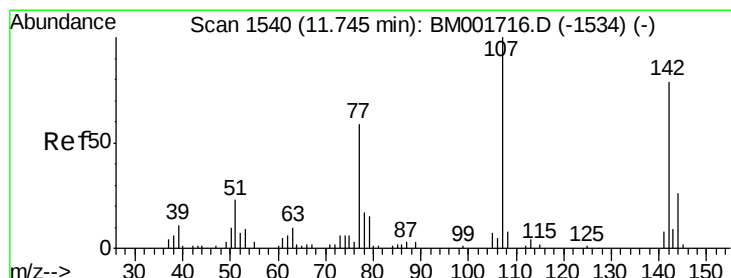
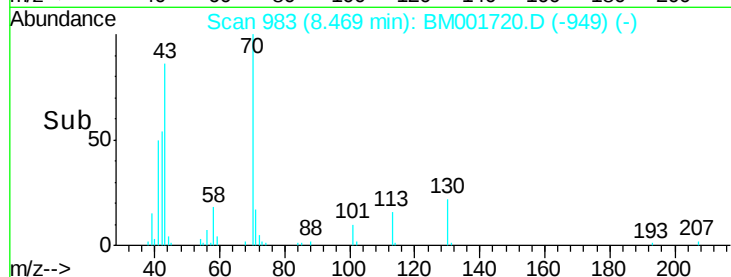
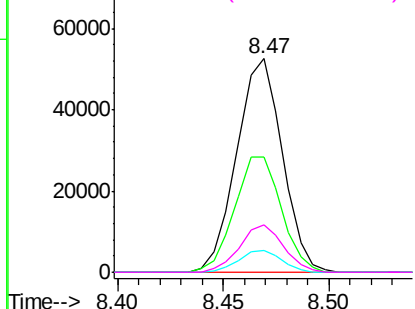
#15
N-Nitroso-di-n-propylamine
Concen: 27.12 ng/ul
RT: 8.47 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001720.D
Acq: 17 Jun 2015 14:34

Instrument :
BNA_M
ClientSampleId :
D98Q6MS

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

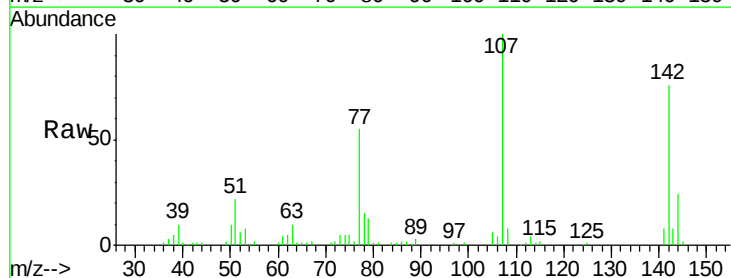


Abundance Ion 70.00 (69.70 to 70.70): BM001716.D (-977) (-)
Ion 42.00 (41.70 to 42.70): BM001716.D (-977) (-)
Ion 101.00 (100.70 to 101.70): BM001716.D (-977) (-)
Ion 130.00 (129.70 to 130.70): BM001716.D (-977) (-)

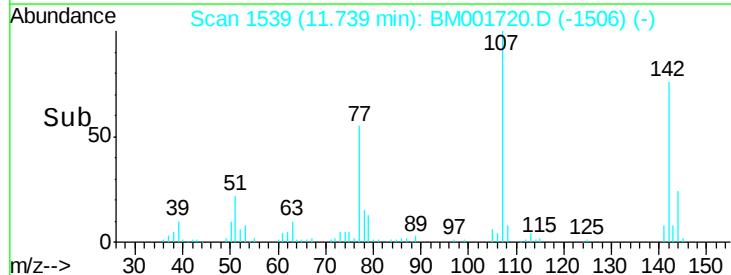
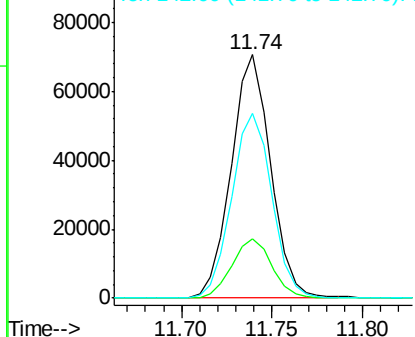


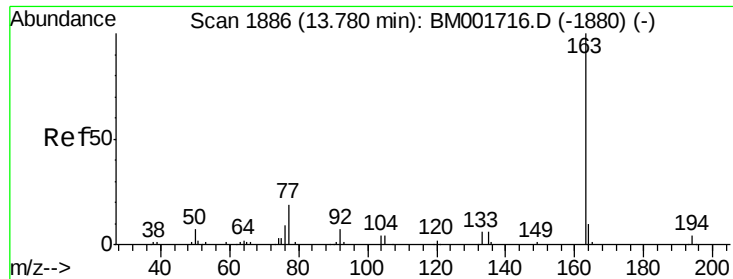
#33
4-Chloro-3-methylphenol
Concen: 26.19 ng/ul
RT: 11.74 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BM001720.D
Acq: 17 Jun 2015 14:34

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



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: 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

Instrument :

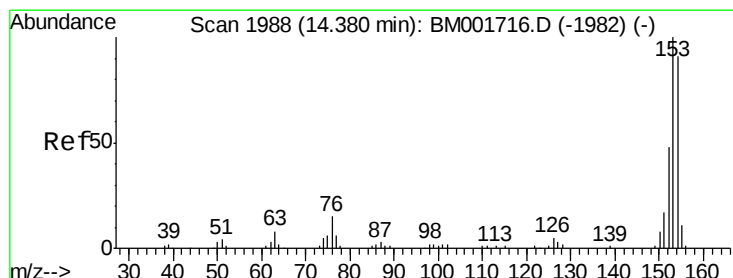
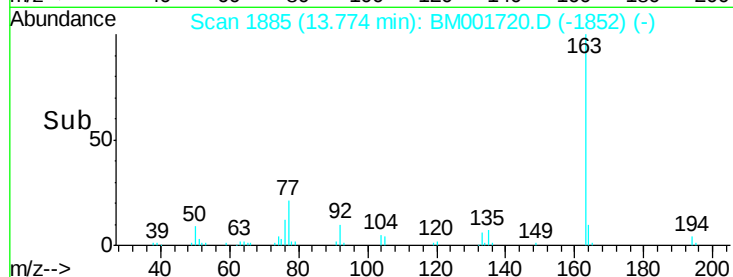
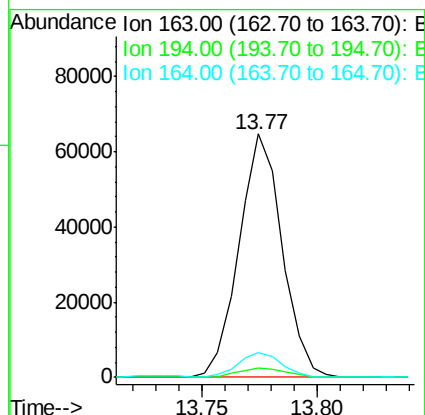
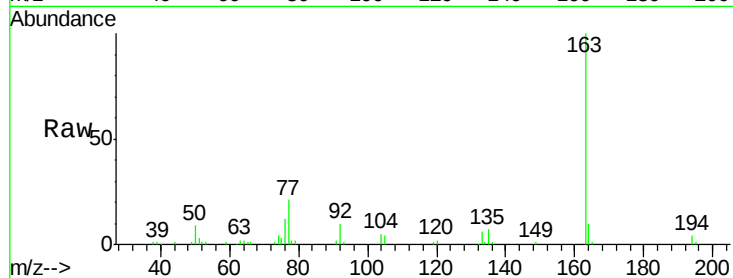
BNA_M

ClientSampleId :

D98Q6MS

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

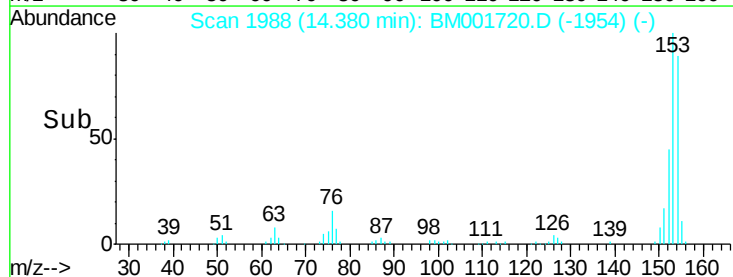
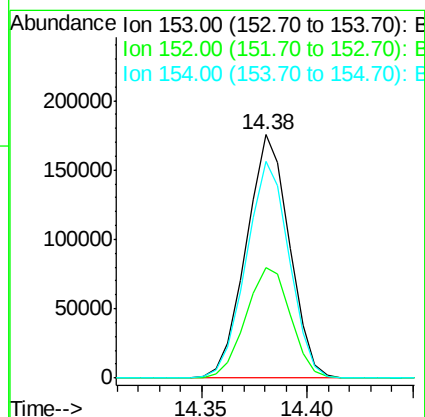
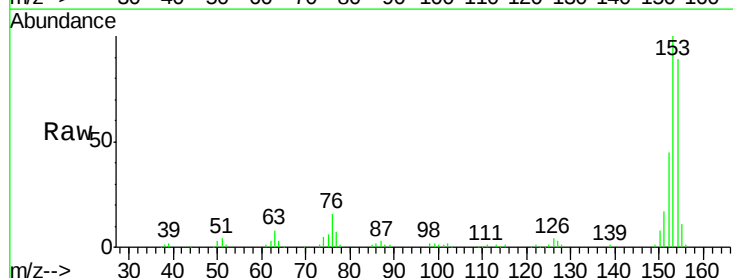
Delta R.T. 0.00 min

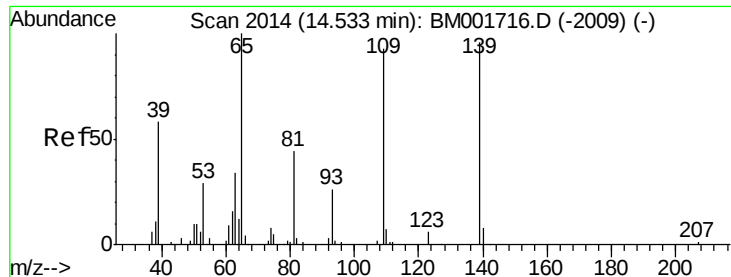
Lab File: BM001720.D

Acq: 17 Jun 2015 14:34

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

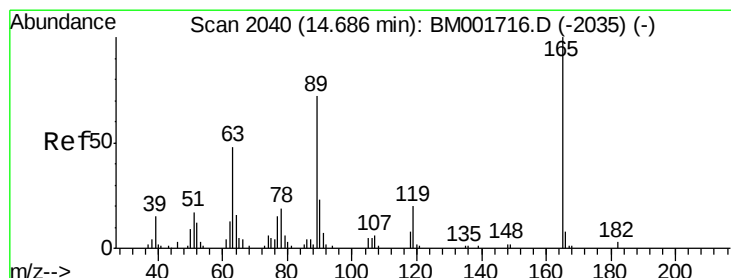
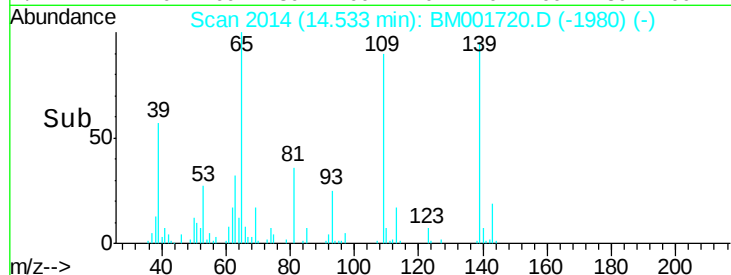
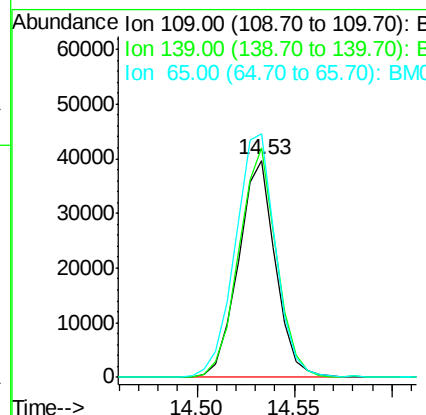
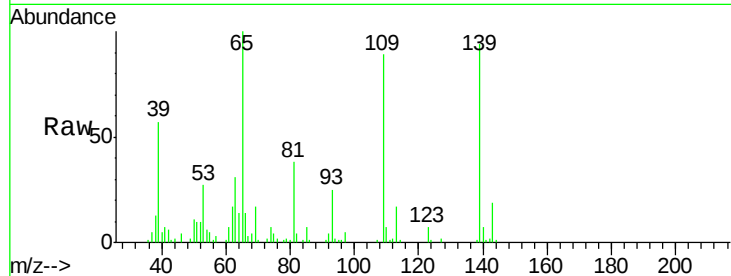




#52
4-Nitrophenol
Concen: 24.47 ng/ul
RT: 14.53 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BM001720.D
Acq: 17 Jun 2015 14:34

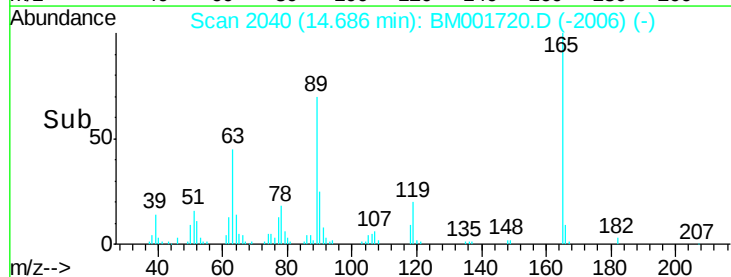
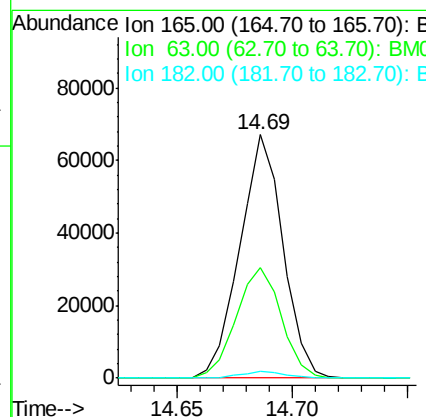
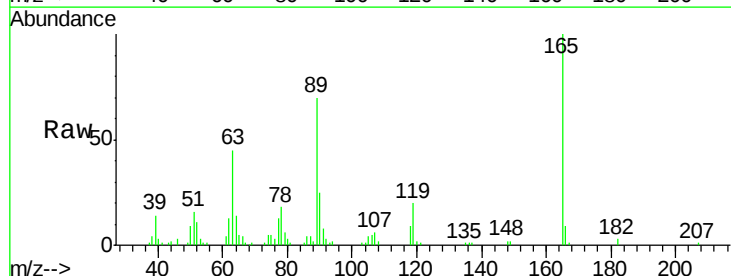
Instrument :
BNA_M
ClientSampleId :
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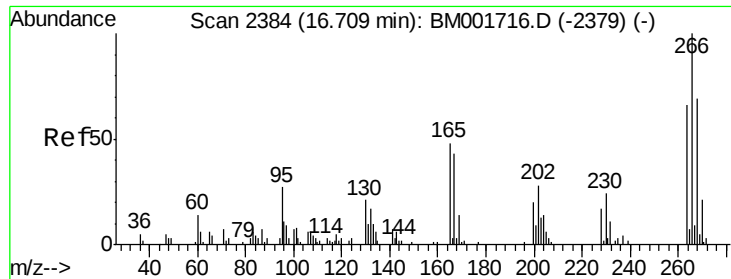
Tgt Ion:109 Resp: 52131
Ion Ratio Lower Upper
109 100
139 105.9 81.7 122.5
65 112.2 94.3 141.5



#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

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

Instrument :

BNA_M

ClientSampleId :

D98Q6MS

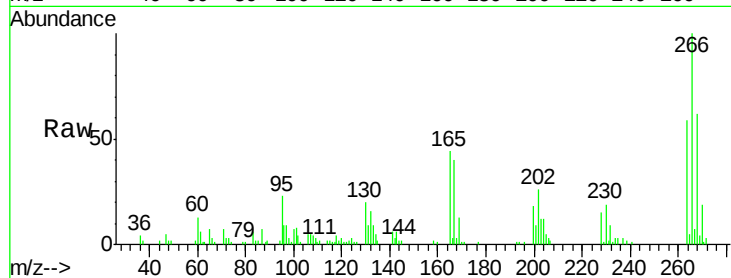
Tgt Ion:266 Resp: 64552

Ion Ratio Lower Upper

266 100

264 59.2 50.8 76.2

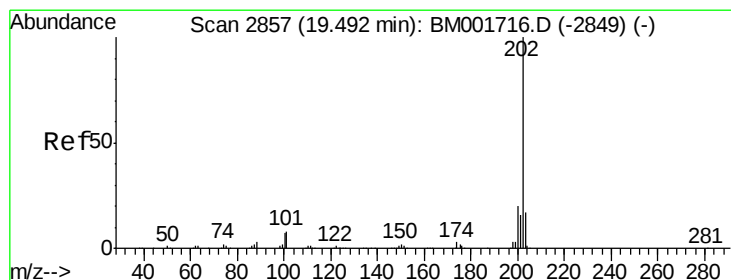
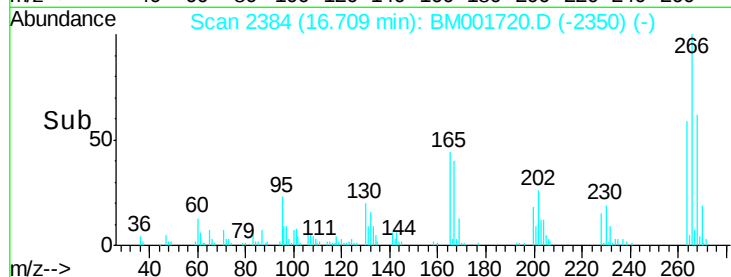
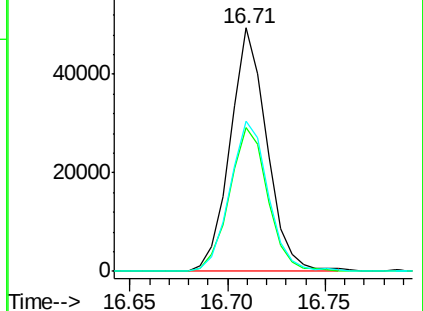
268 61.6 52.0 78.0



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: 27.12 ng/ul

RT: 19.49 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM001720.D

Acq: 17 Jun 2015 14:34

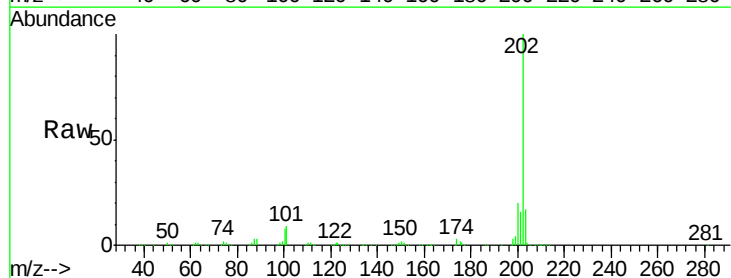
Tgt Ion:202 Resp: 671105

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

