

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061615\
 Data File : BM001713.D
 Acq On : 16 Jun 2015 15:01
 Operator : TP/IZ
 Sample : SP-3316-G1749
 Misc : PE-G1749-07
 ALS Vial : 8 Sample Multiplier: 0.5

Instrument :
 BNA_M
 ClientSampleId :
 X1N66

Quant Time: Jun 17 05:40:54 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 17 05:39:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	26267	10.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	99841	10.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	57703	10.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	129935	10.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	154616	10.00	ng/ul	0.00
85) Perylene-d12	23.48	264	158722	10.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	7290	6.62	ng/uL	0.00
5) Phenol-d5	6.83	99	136752	33.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	80649	35.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	111512	34.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	112652	34.78	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	49820	36.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	56175	37.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	114794	35.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	149080	45.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	330578	38.63	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	411528	36.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	53791	34.07	ng/ul	0.00
57) Fluorene-d10	15.32	176	300435	37.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	53766	33.87	ng/ul	0.00
70) Anthracene-d10	17.16	188	470817	38.89	ng/ul	0.00
78) Pyrene-d10	19.46	212	547403	41.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	578219	41.32	ng/ul	0.00

Target Compounds

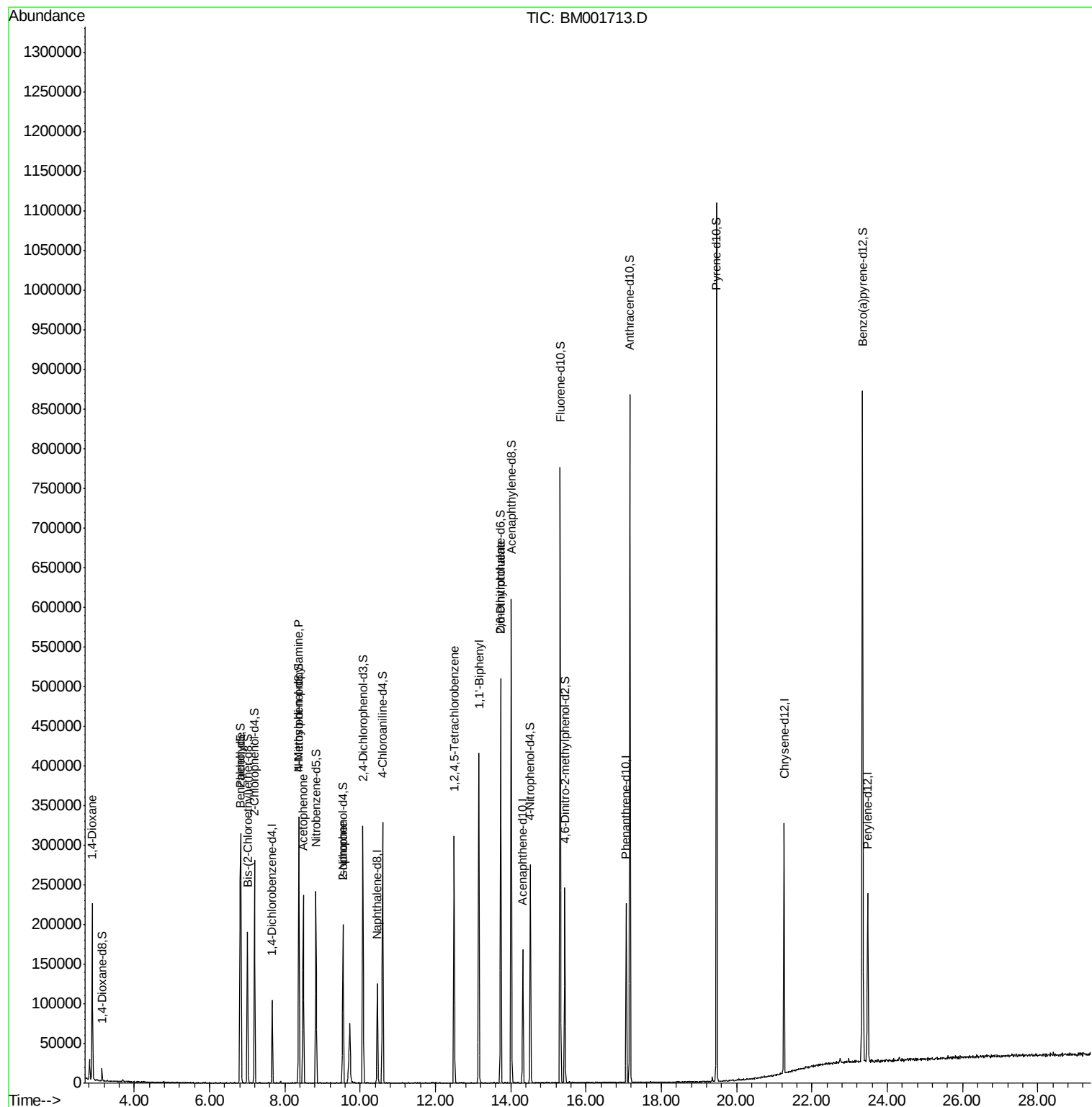
						Qvalue
2) 1,4-Dioxane	2.88	88	1460	1.16	ng/uL#	1
4) Benzaldehyde	6.81	77	65773	24.93	ng/ul	98
14) Acetophenone	8.49	105	117937	22.94	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	2953	1.18	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	100077	23.20	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	221391	23.50	ng/ul	99
45) 2,6-Dinitrotoluene	13.73	165	2072	1.18	ng/ul#	37

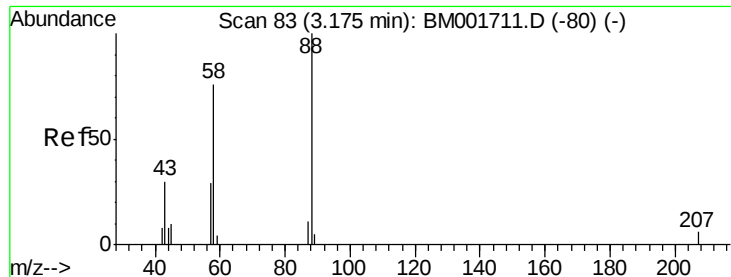
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.16 ng/uL

RT: 2.88 min Scan# 33

Delta R.T. -0.29 min

Lab File: BM001713.D

Acq: 16 Jun 2015 15:01

Instrument :

BNA_M

ClientSampleId :

X1N66

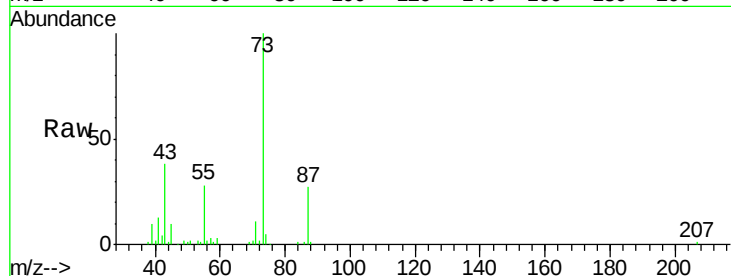
Tgt Ion: 88 Resp: 1460

Ion Ratio Lower Upper

88 100

43 2554.6 24.2 36.4#

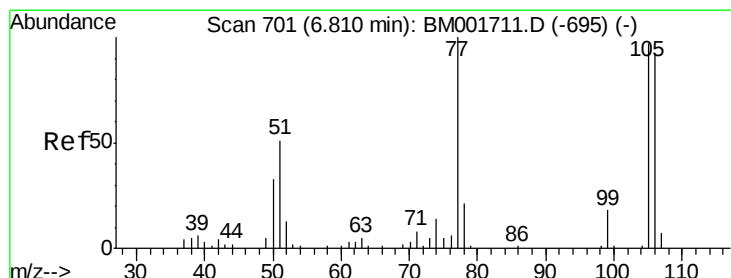
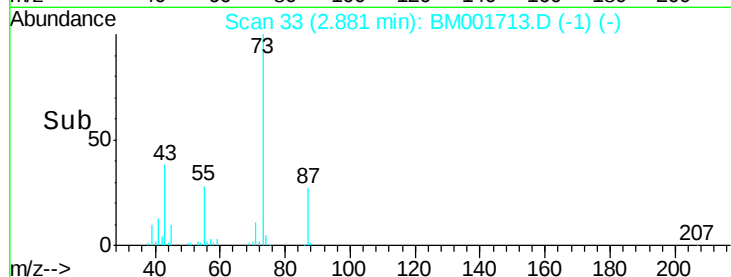
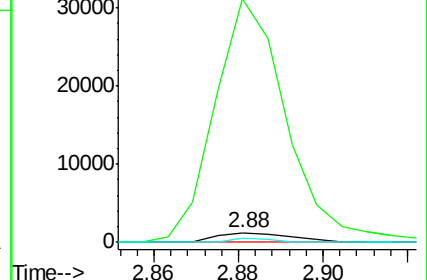
58 23.6 56.2 84.2#



Abundance Ion 88.00 (87.70 to 88.70): BM001713.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM001713.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM001713.D (-1) (-)



#4

Benzaldehyde

Concen: 24.93 ng/uL

RT: 6.81 min Scan# 701

Delta R.T. -0.00 min

Lab File: BM001713.D

Acq: 16 Jun 2015 15:01

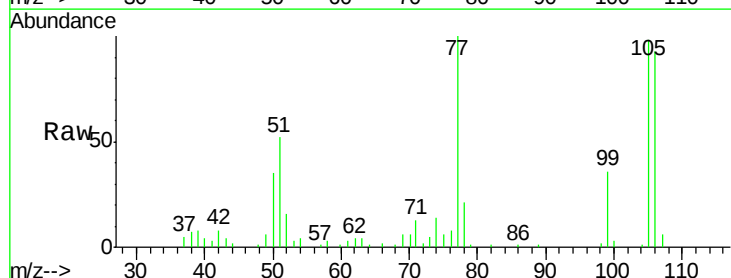
Tgt Ion: 77 Resp: 65773

Ion Ratio Lower Upper

77 100

105 97.5 79.3 118.9

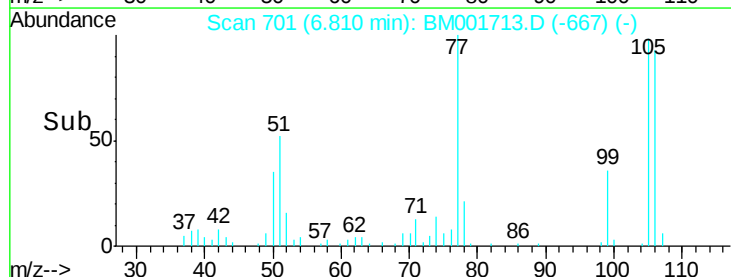
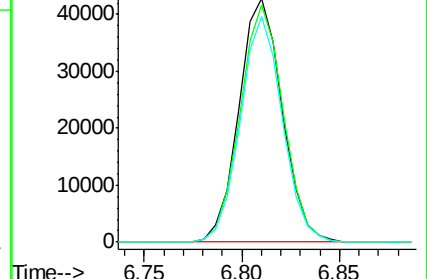
106 92.9 72.8 109.2

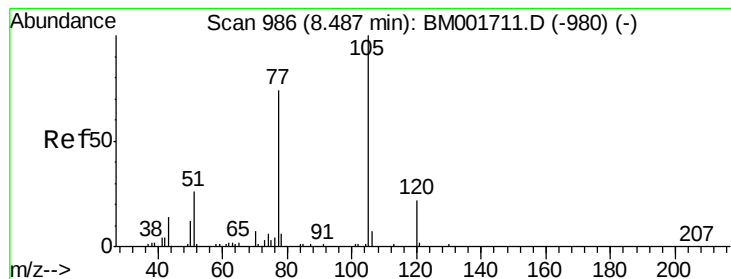


Abundance Ion 77.00 (76.70 to 77.70): BM001713.D (-667) (-)

Ion 105.00 (104.70 to 105.70): BM001713.D (-667) (-)

Ion 106.00 (105.70 to 106.70): BM001713.D (-667) (-)





#14

Acetophenone

Concen: 22.94 ng/ul

RT: 8.49 min Scan# 986

Delta R.T. -0.00 min

Lab File: BM001713.D

Acq: 16 Jun 2015 15:01

Instrument :

BNA_M

ClientSampleId :

X1N66

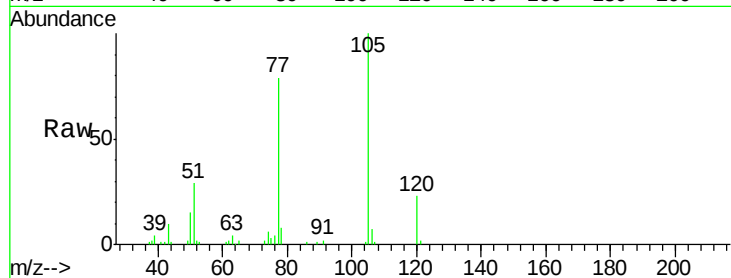
Tgt Ion: 105 Resp: 117937

Ion Ratio Lower Upper

105 100

77 78.6 64.2 96.4

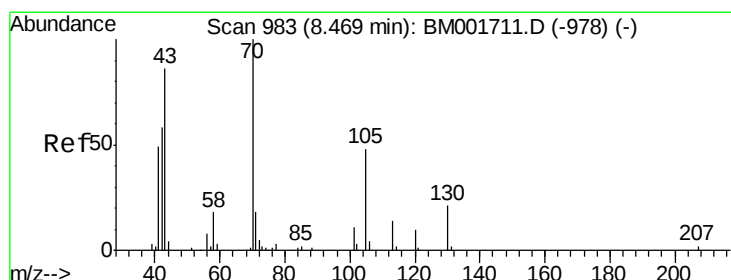
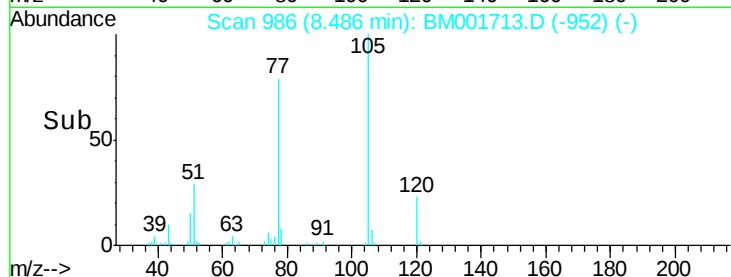
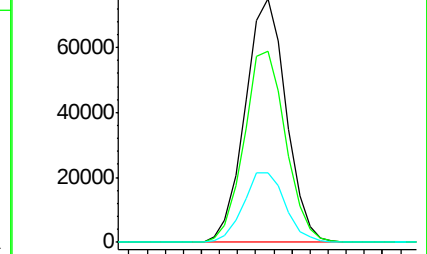
51 28.7 22.0 33.0



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#15

N-Nitroso-di-n-propylamine

Concen: 1.18 ng/ul

RT: 8.37 min Scan# 966

Delta R.T. -0.10 min

Lab File: BM001713.D

Acq: 16 Jun 2015 15:01

Tgt Ion: 70 Resp: 2953

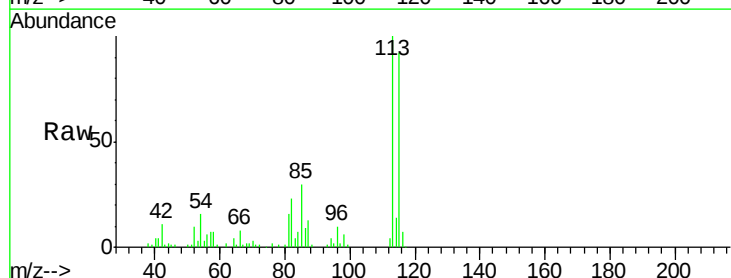
Ion Ratio Lower Upper

70 100

42 378.6 45.2 67.8#

101 0.0 7.8 11.6#

130 0.0 15.5 23.3#

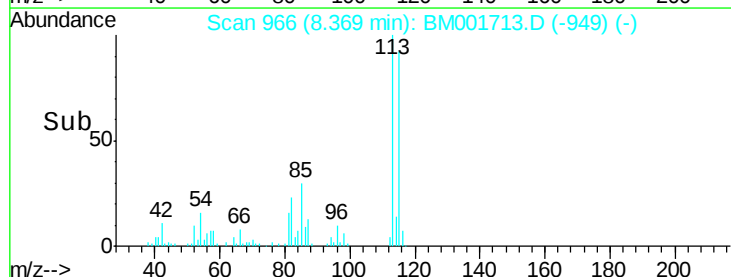
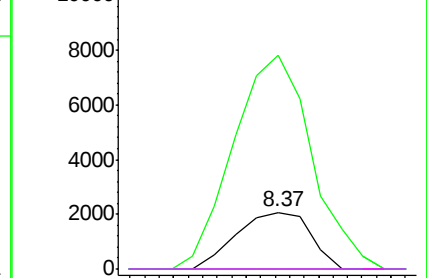


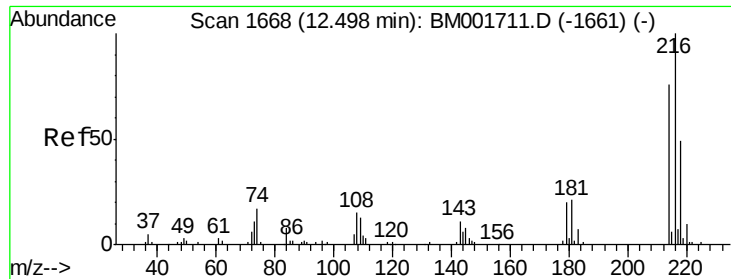
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

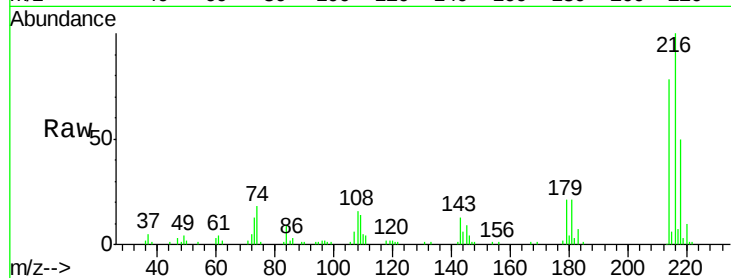




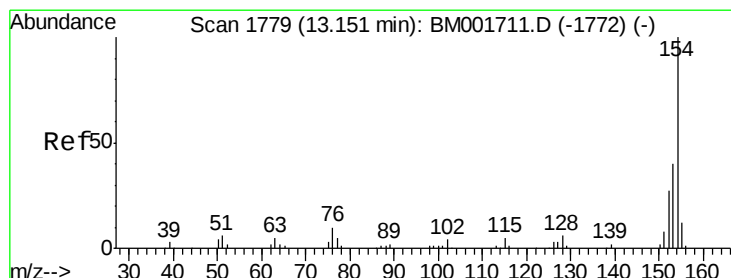
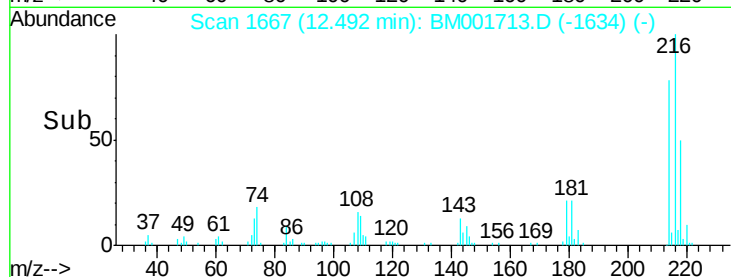
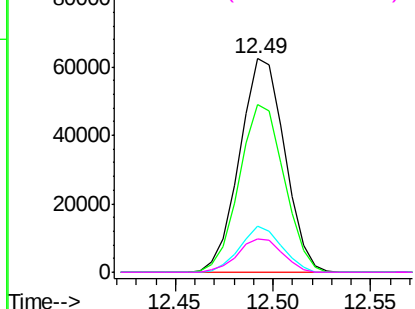
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.20 ng/ul
 RT: 12.49 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM001713.D
 Acq: 16 Jun 2015 15:01

Instrument :
 BNA_M
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 X1N66

Tgt Ion:	216	Resp:	100077
Ion	Ratio	Lower	Upper
216	100		
214	78.4	61.5	92.3
179	21.3	15.6	23.4
108	15.8	12.4	18.6

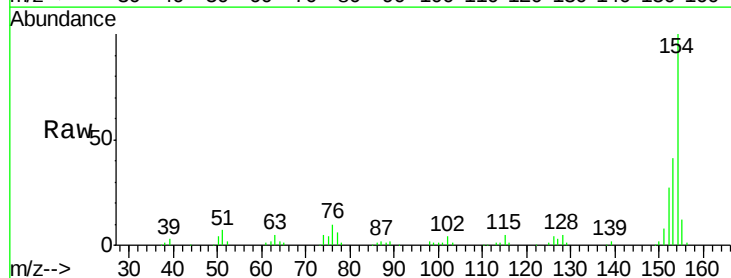


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

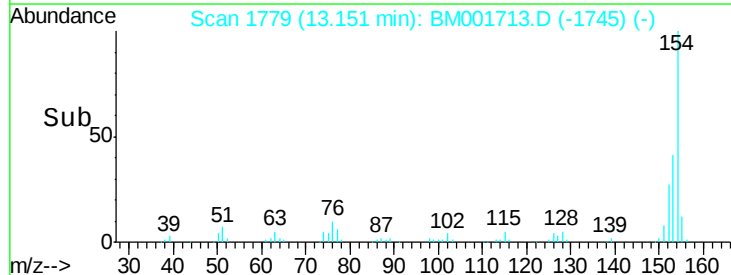
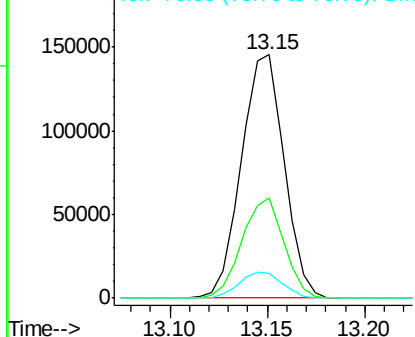


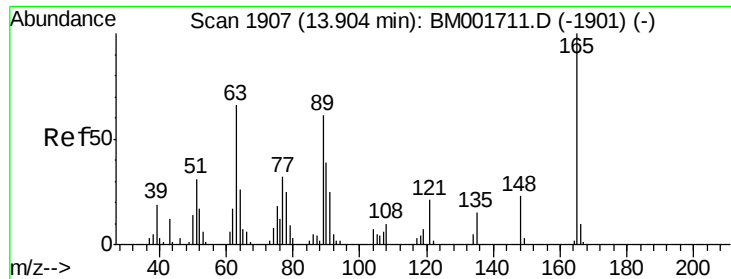
#40
 1,1'-Biphenyl
 Concen: 23.50 ng/ul
 RT: 13.15 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: BM001713.D
 Acq: 16 Jun 2015 15:01

Tgt Ion:	154	Resp:	221391
Ion	Ratio	Lower	Upper
154	100		
153	41.0	32.5	48.7
76	10.2	9.0	13.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM





#45
 2,6-Dinitrotoluene
 Concen: 1.18 ng/ul
 RT: 13.73 min Scan# 1878
 Delta R.T. -0.17 min
 Lab File: BM001713.D
 Acq: 16 Jun 2015 15:01

Instrument :
 BNA_M
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Tgt Ion	Ratio	Lower	Upper
165	100		
89	0.0	49.1	73.7#
121	28.6	17.4	26.2#

