

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
 Data File : BM001078.D
 Acq On : 20 Apr 2015 22:37
 Operator : TP/IZ
 Sample : G1873-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 21 03:31:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 21 03:16:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	208333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	840247	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	439270	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	928294	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	1053672	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	1052803	20.00	ng/ul	0.00

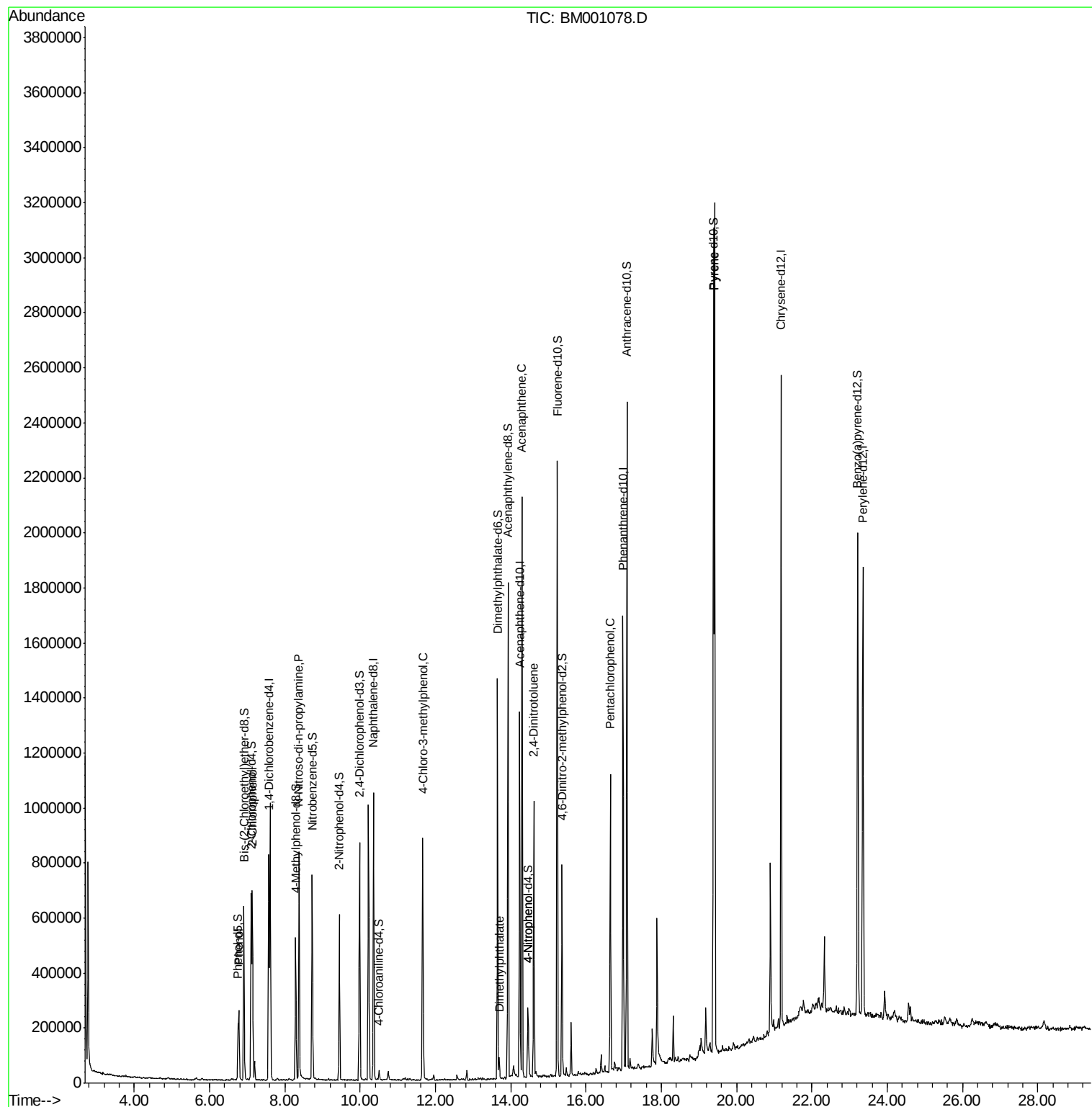
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	2.90	96	117	0.03	ng/uL	-0.14
5) Phenol-d5	6.75	99	103286	6.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	269277	26.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	292549	22.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	181042	14.12	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	170108	30.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	183013	28.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	302461	24.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	17093	1.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	964151	32.94	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1230197	29.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	37827	6.65	ng/ul	0.00
57) Fluorene-d10	15.23	176	855983	29.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	147833	29.33	ng/ul	0.00
70) Anthracene-d10	17.08	188	1226560	29.18	ng/ul	0.00
76) Pyrene-d10	19.39	212	1436634	29.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	1056659	22.42	ng/ul	0.00

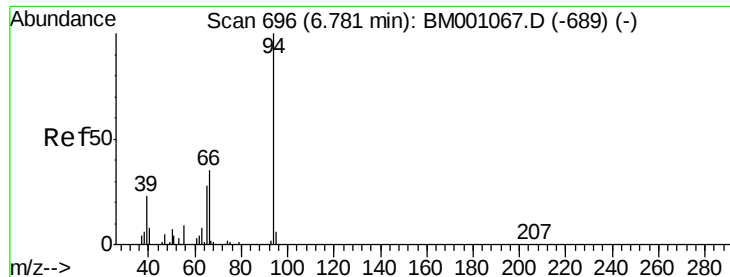
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.78	94	132044	7.68	ng/ul	96
10) 2-Chlorophenol	7.13	128	285917	20.44	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	257302	24.87	ng/ul	95
33) 4-Chloro-3-methylphenol	11.66	107	290506	22.97	ng/ul	99
44) Dimethylphthalate	13.69	163	47287	1.44	ng/ul	99
49) Acenaphthene	14.30	153	790876	26.39	ng/ul	99
52) 4-Nitrophenol	14.46	109	29091	6.76	ng/ul	91
54) 2,4-Dinitrotoluene	14.61	165	249623	27.59	ng/ul	96
68) Pentachlorophenol	16.64	266	163821	30.43	ng/ul	99
77) Pyrene	19.42	202	1766169	26.39	ng/ul	99

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

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#6

Phenol

Concen: 7.68 ng/ul

RT: 6.78 min Scan# 696

Delta R.T. 0.00 min

Lab File: BM001078.D

Acq: 20 Apr 2015 22:37

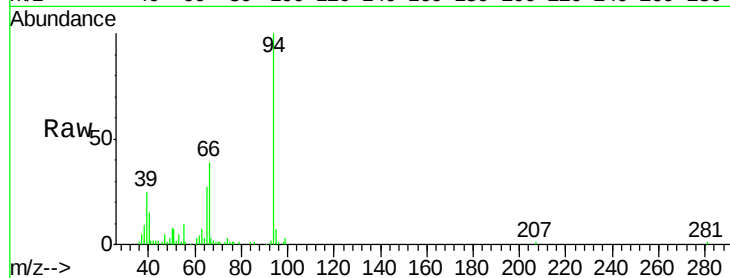
Tgt Ion: 94 Resp: 132044

Ion Ratio Lower Upper

94 100

65 27.5 24.9 37.3

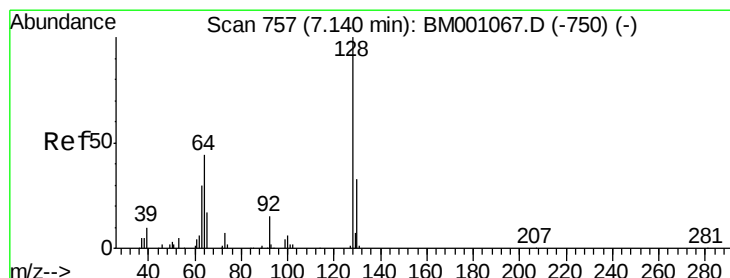
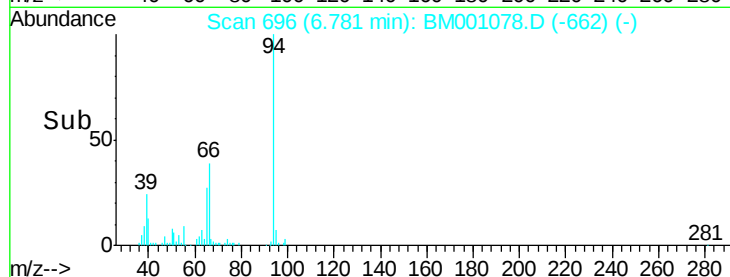
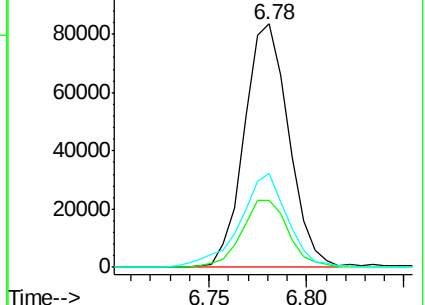
66 38.8 29.8 44.8



Abundance Ion 94.00 (93.70 to 94.70): BM001067.D (-689) (-)

Ion 65.00 (64.70 to 65.70): BM001067.D (-689) (-)

Ion 66.00 (65.70 to 66.70): BM001067.D (-689) (-)



#10

2-Chlorophenol

Concen: 20.44 ng/ul

RT: 7.13 min Scan# 756

Delta R.T. -0.01 min

Lab File: BM001078.D

Acq: 20 Apr 2015 22:37

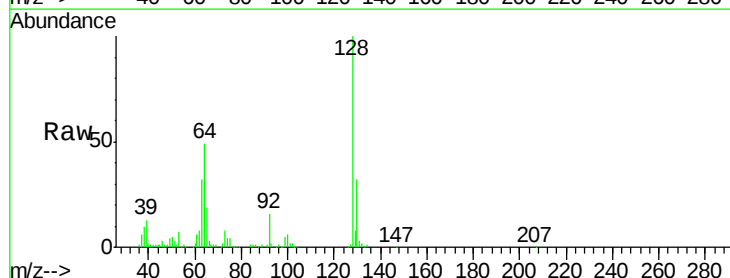
Tgt Ion: 128 Resp: 285917

Ion Ratio Lower Upper

128 100

64 49.1 40.4 60.6

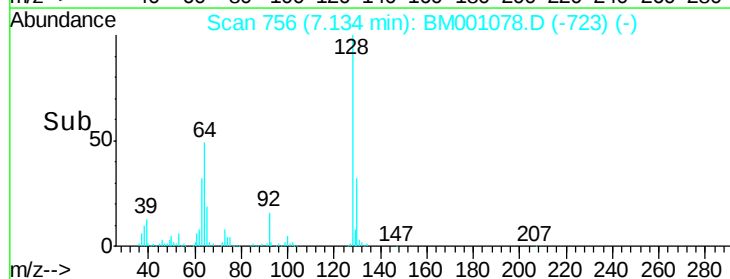
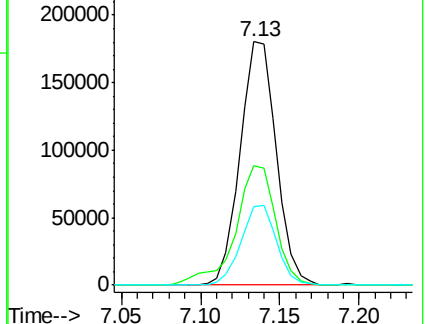
130 32.3 24.9 37.3

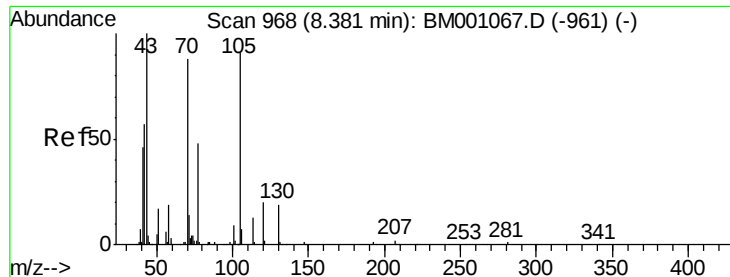


Abundance Ion 128.00 (127.70 to 128.70): BM001067.D (-750) (-)

Ion 64.00 (63.70 to 64.70): BM001067.D (-750) (-)

Ion 130.00 (129.70 to 130.70): BM001067.D (-750) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 24.87 ng/ul

RT: 8.37 min Scan# 967

Delta R.T. -0.01 min

Lab File: BM001078.D

Acq: 20 Apr 2015 22:37

Tgt Ion: 70 Resp: 257302

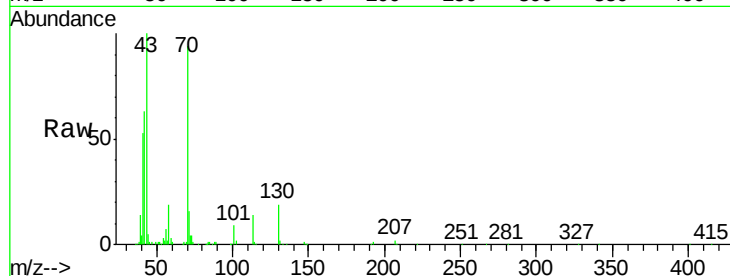
Ion	Ratio	Lower	Upper
70	100		
42	66.4	56.3	84.5
101	9.9	7.5	11.3
130	20.1	18.4	27.6

70 100

42 66.4 56.3 84.5

101 9.9 7.5 11.3

130 20.1 18.4 27.6



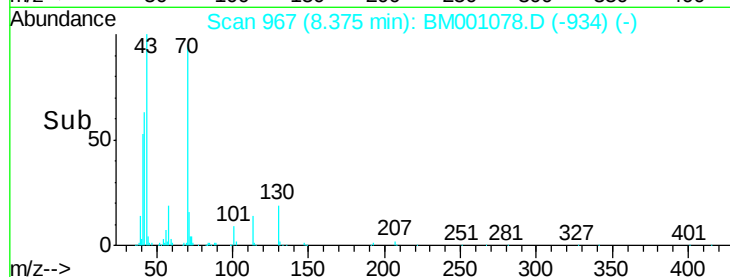
Abundance Ion 70.00 (69.70 to 70.70): BM0

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

Time-->



Time-->

Time-->

Time-->

Time-->

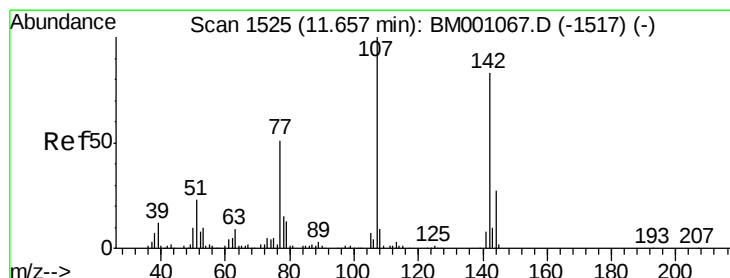
Time-->

Time-->

Time-->

Time-->

Time-->



#33

4-Chloro-3-methylphenol

Concen: 22.97 ng/ul

RT: 11.66 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BM001078.D

Acq: 20 Apr 2015 22:37

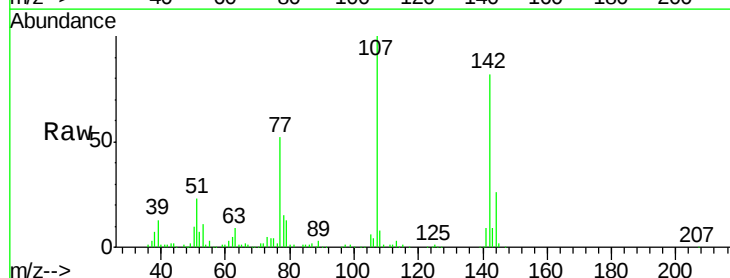
Tgt Ion: 107 Resp: 290506

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.2	30.2
142	82.5	65.6	98.4

107 100

144 25.7 20.2 30.2

142 82.5 65.6 98.4

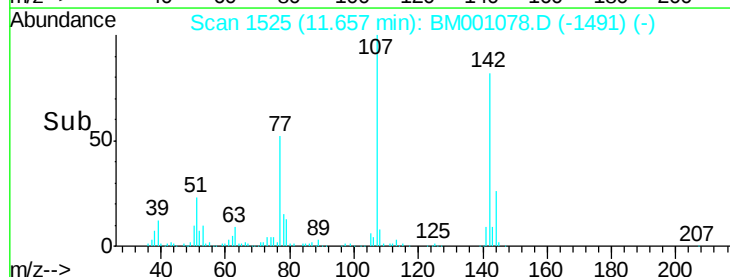


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->

Time-->

Time-->

Time-->

Time-->

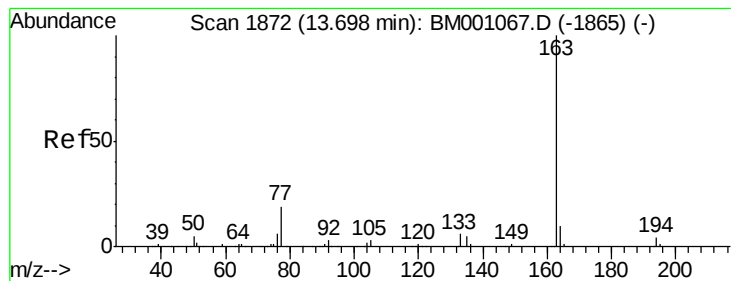
Time-->

Time-->

Time-->

Time-->

Time-->



#44

Dimethylphthalate

Concen: 1.44 ng/ul

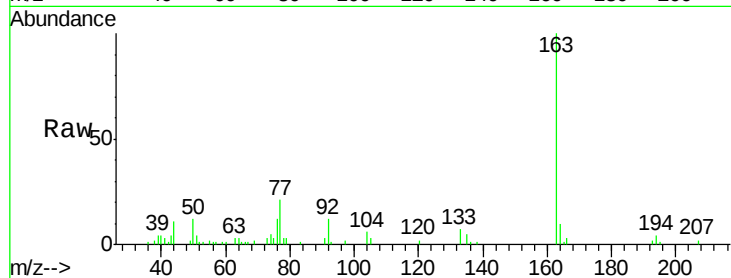
RT: 13.69 min Scan# 1871

Delta R.T. -0.01 min

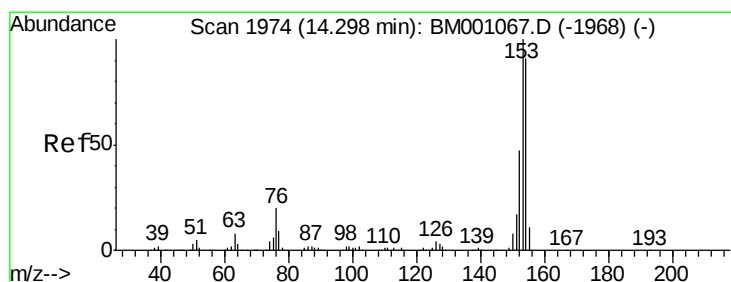
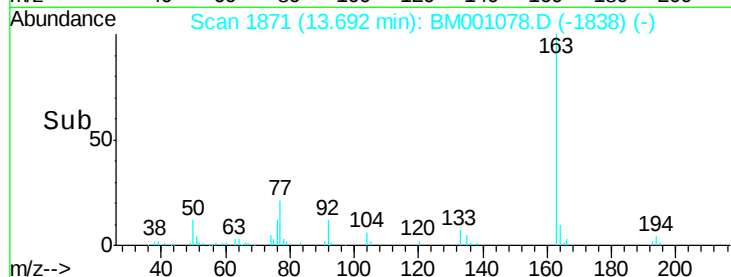
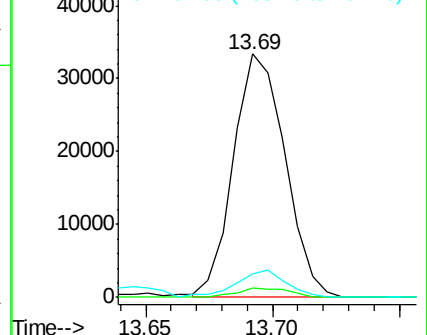
Lab File: BM001078.D

Acq: 20 Apr 2015 22:37

Tgt Ion:	163	Resp:	47287
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.7	8.2	12.4



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: 26.39 ng/ul

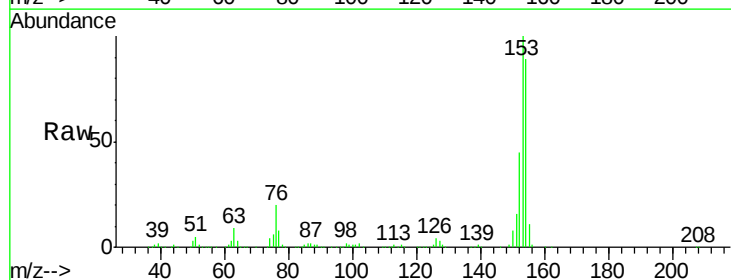
RT: 14.30 min Scan# 1974

Delta R.T. 0.00 min

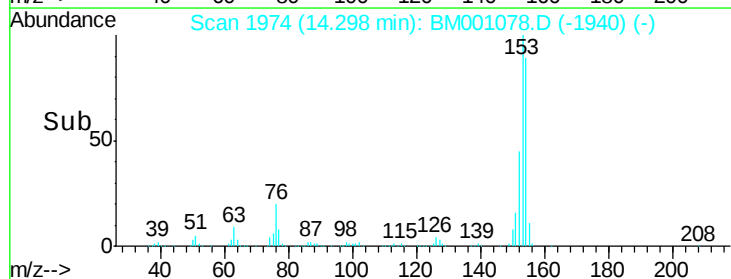
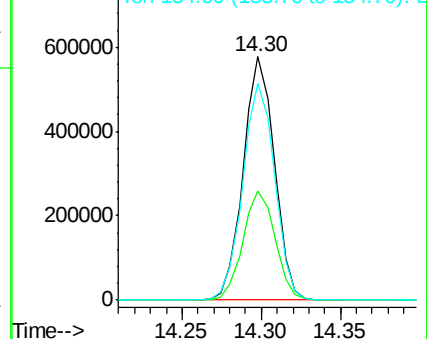
Lab File: BM001078.D

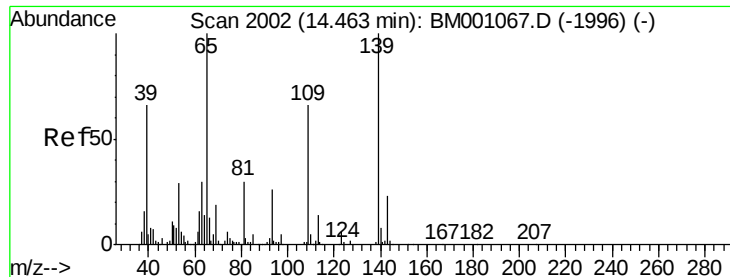
Acq: 20 Apr 2015 22:37

Tgt Ion:	153	Resp:	790876
Ion	Ratio	Lower	Upper
153	100		
152	45.1	37.8	56.6
154	89.1	71.2	106.8



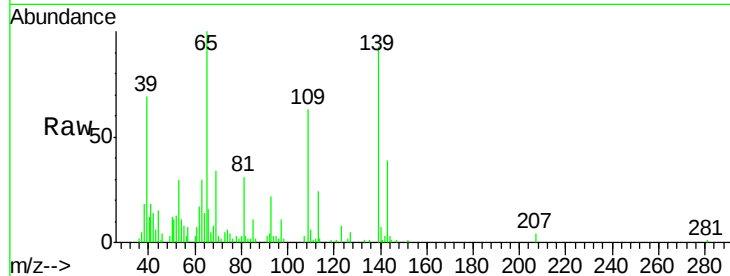
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



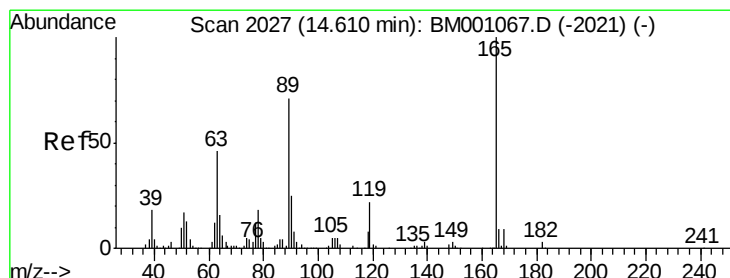
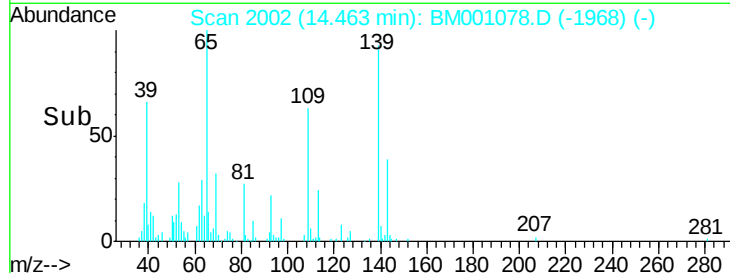
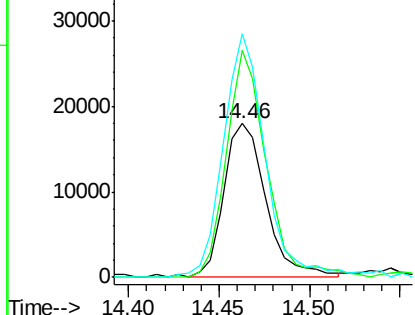


#52
4-Nitrophenol
Concen: 6.76 ng/ul
RT: 14.46 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM001078.D
Acq: 20 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
109	100		
139	147.8	112.6	168.8
65	158.7	115.9	173.9

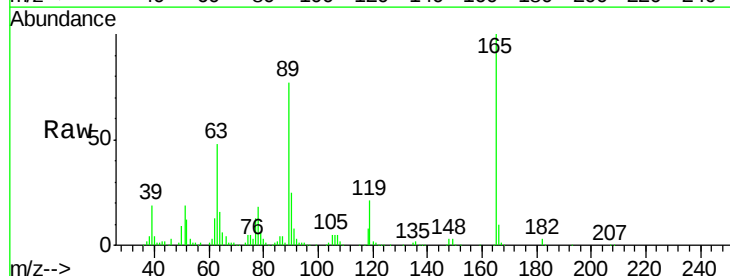


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

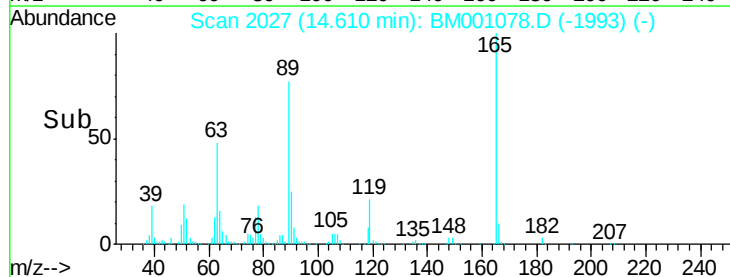
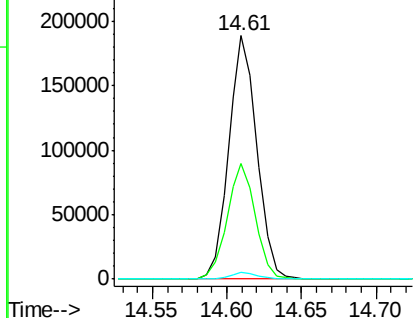


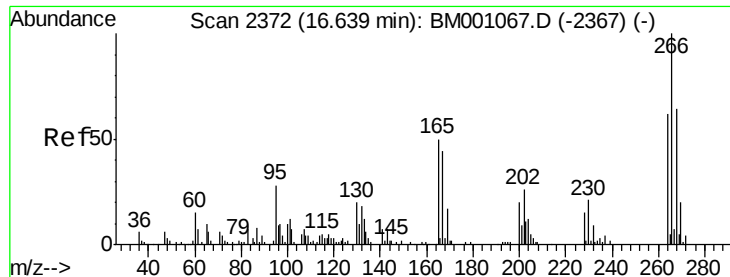
#54
2,4-Dinitrotoluene
Concen: 27.59 ng/ul
RT: 14.61 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BM001078.D
Acq: 20 Apr 2015 22:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.6	36.1	54.1
182	2.6	2.4	3.6



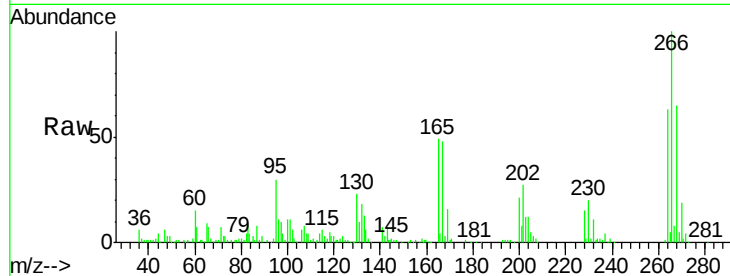
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E



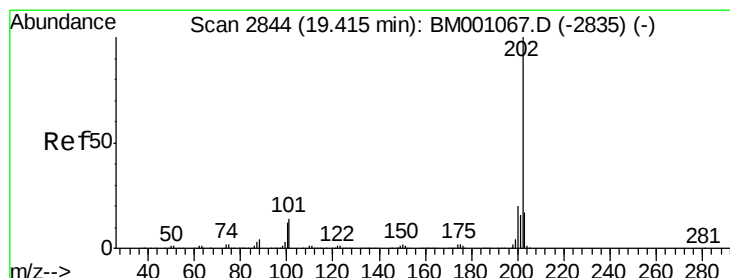
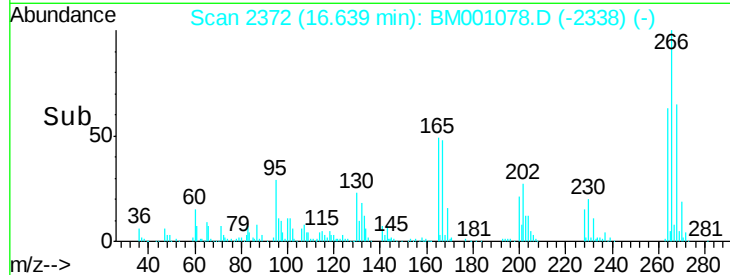
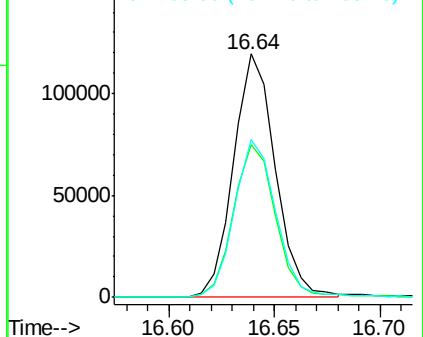


#68
 Pentachlorophenol
 Concen: 30.43 ng/ul
 RT: 16.64 min Scan# 2372
 Delta R.T. 0.00 min
 Lab File: BM001078.D
 Acq: 20 Apr 2015 22:37

Tgt Ion: 266 Resp: 163821
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.2 75.4
 268 64.9 50.1 75.1

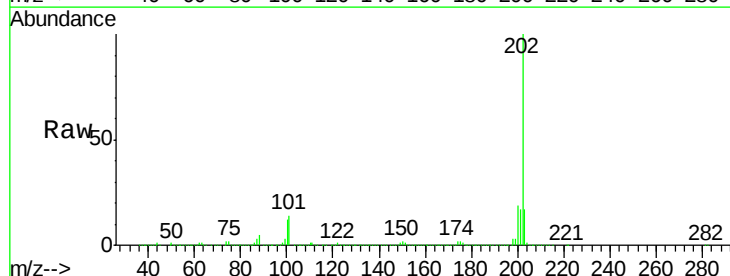


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 26.39 ng/ul
 RT: 19.42 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: BM001078.D
 Acq: 20 Apr 2015 22:37

Tgt Ion: 202 Resp: 1766169
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.4 17.2
 100 11.7 9.8 14.6



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

