

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
 Data File : BM001077.D
 Acq On : 20 Apr 2015 22:01
 Operator : TP/IZ
 Sample : G1873-06MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Apr 21 03:31:42 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	206703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	810693	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	421655	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	889410	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	996707	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	983437	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	116	0.03	ng/uL	0.01
5) Phenol-d5	6.75	99	141991	8.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	307445	30.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	353695	26.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	233258	18.33	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	192020	35.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	211391	34.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	355403	29.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	16752	1.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1057829	37.65	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1389987	34.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	48455	8.87	ng/ul	0.00
57) Fluorene-d10	15.23	176	946746	33.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	162978	33.75	ng/ul	0.00
70) Anthracene-d10	17.08	188	1376223	34.18	ng/ul	0.00
76) Pyrene-d10	19.39	212	1539503	33.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	1317896	29.94	ng/ul	0.00

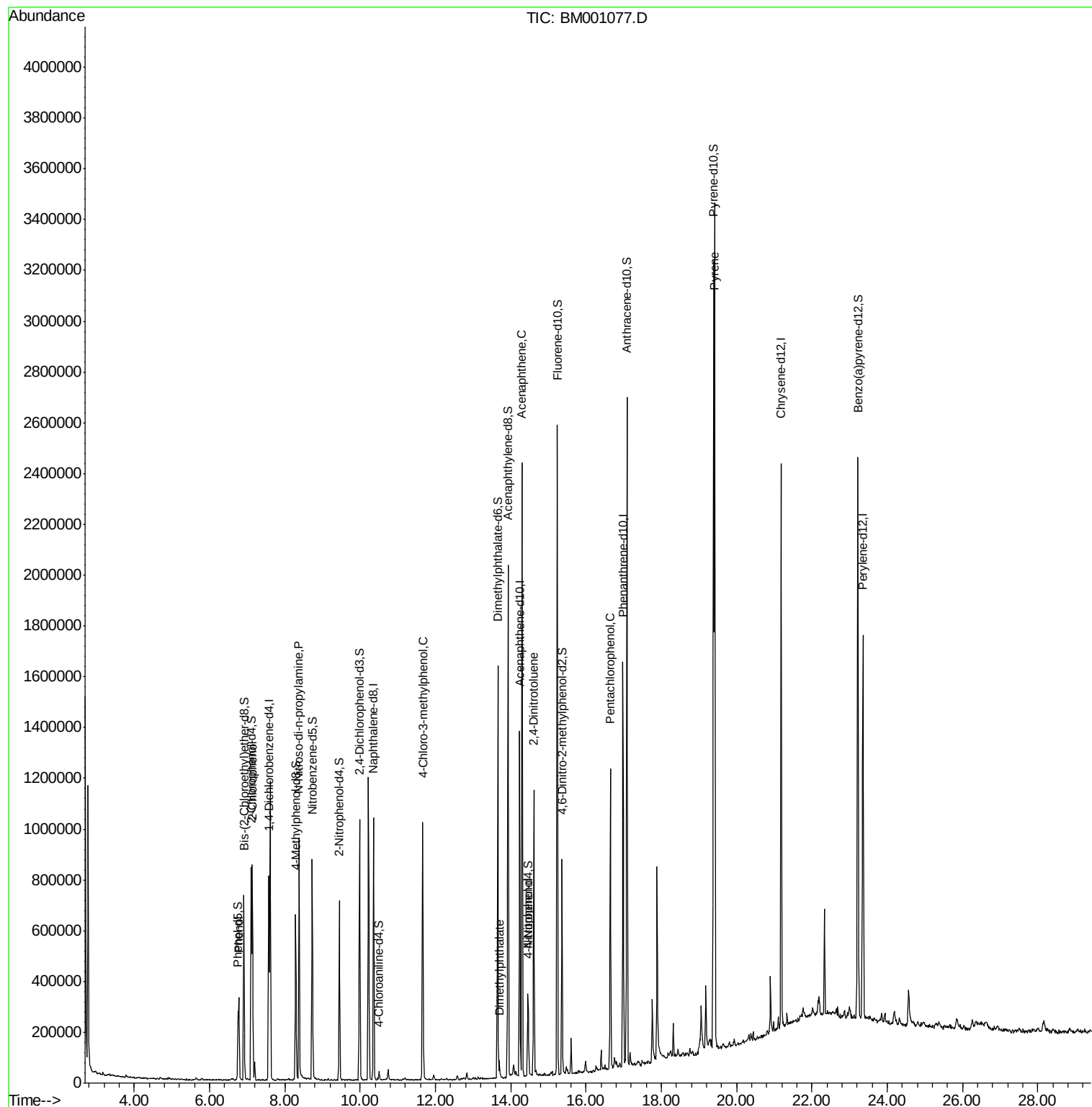
Target Compounds

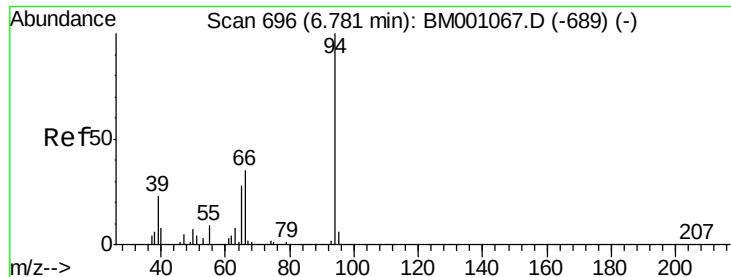
						Qvalue
6) Phenol	6.78	94	165917	9.73	ng/ul	96
10) 2-Chlorophenol	7.13	128	345446	24.89	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	297523	28.99	ng/ul	96
33) 4-Chloro-3-methylphenol	11.66	107	338564	27.75	ng/ul	98
44) Dimethylphthalate	13.70	163	40564	1.29	ng/ul#	98
49) Acenaphthene	14.30	153	895694	31.13	ng/ul	98
52) 4-Nitrophenol	14.46	109	35623	8.63	ng/ul	93
54) 2,4-Dinitrotoluene	14.61	165	281981	32.46	ng/ul	97
68) Pentachlorophenol	16.64	266	182018	35.29	ng/ul	98
77) Pyrene	19.42	202	1895104	29.94	ng/ul	99

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

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#6

Phenol

Concen: 9.73 ng/ul

RT: 6.78 min Scan# 696

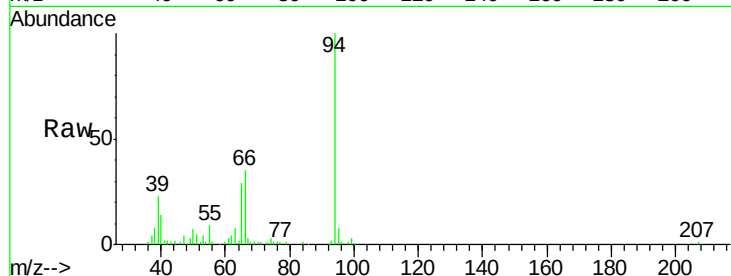
Delta R.T. -0.00 min

Lab File: BM001077.D

Acq: 20 Apr 2015 22:01

Tgt Ion: 94 Resp: 165917

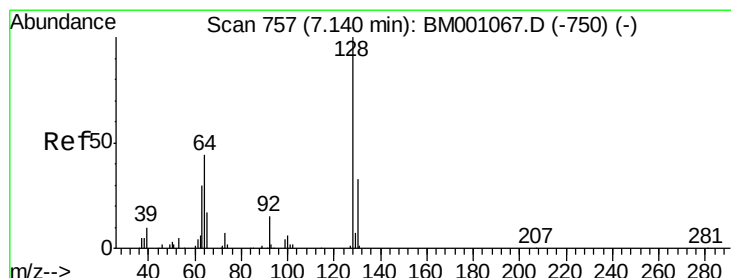
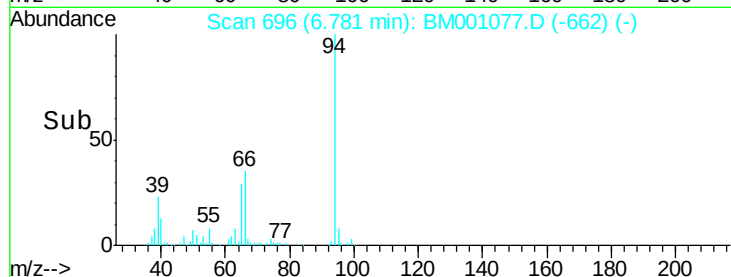
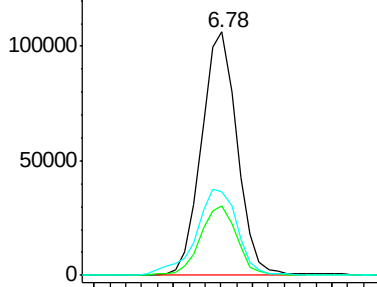
Ion	Ratio	Lower	Upper
94	100		
65	28.8	24.9	37.3
66	34.6	29.8	44.8



Abundance Ion 94.00 (93.70 to 94.70): BM001077.D (-662) (-)

Ion 65.00 (64.70 to 65.70): BM001077.D (-662) (-)

Ion 66.00 (65.70 to 66.70): BM001077.D (-662) (-)



#10

2-Chlorophenol

Concen: 24.89 ng/ul

RT: 7.13 min Scan# 756

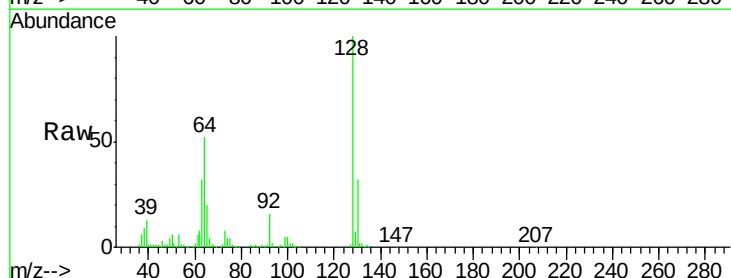
Delta R.T. -0.01 min

Lab File: BM001077.D

Acq: 20 Apr 2015 22:01

Tgt Ion: 128 Resp: 345446

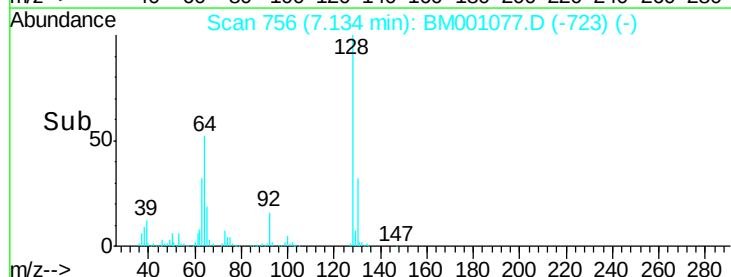
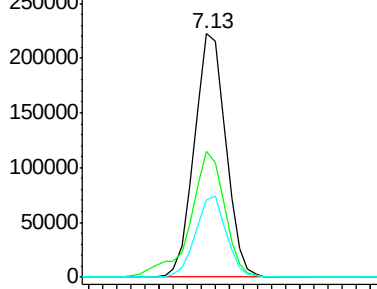
Ion	Ratio	Lower	Upper
128	100		
64	51.8	40.4	60.6
130	31.6	24.9	37.3

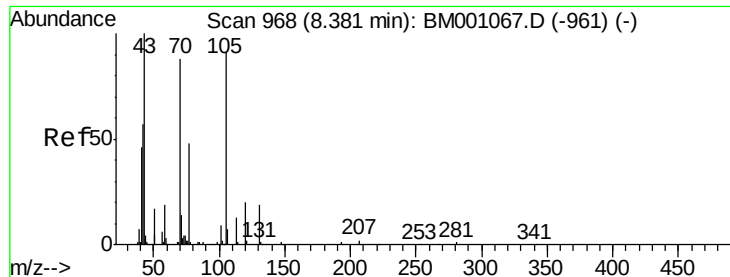


Abundance Ion 128.00 (127.70 to 128.70): BM001077.D (-723) (-)

Ion 64.00 (63.70 to 64.70): BM001077.D (-723) (-)

Ion 130.00 (129.70 to 130.70): BM001077.D (-723) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 28.99 ng/ul

RT: 8.37 min Scan# 967

Delta R.T. -0.01 min

Lab File: BM001077.D

Acq: 20 Apr 2015 22:01

Tgt Ion: 70 Resp: 297523

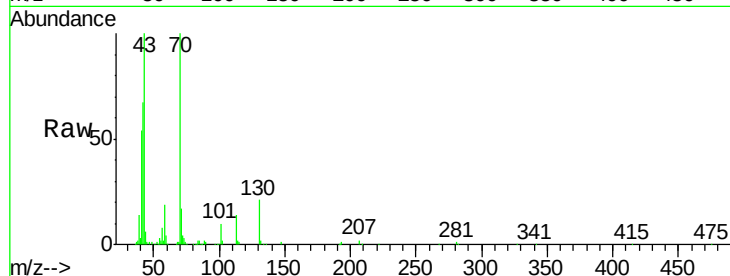
Ion Ratio Lower Upper

70 100

42 66.9 56.3 84.5

101 9.7 7.5 11.3

130 21.4 18.4 27.6

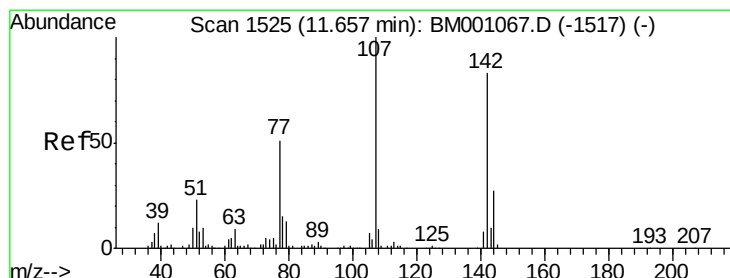
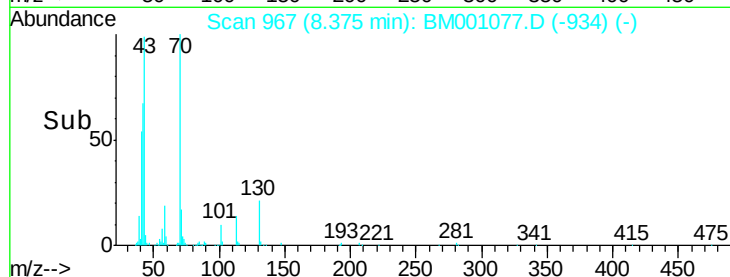
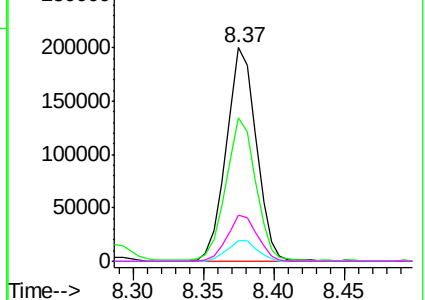


Abundance Ion 70.00 (69.70 to 70.70): BM001067.D (-961) (-)

Ion 42.00 (41.70 to 42.70): BM001067.D (-961) (-)

Ion 101.00 (100.70 to 101.70): BM001067.D (-961) (-)

Ion 130.00 (129.70 to 130.70): BM001067.D (-961) (-)



#33

4-Chloro-3-methylphenol

Concen: 27.75 ng/ul

RT: 11.66 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BM001077.D

Acq: 20 Apr 2015 22:01

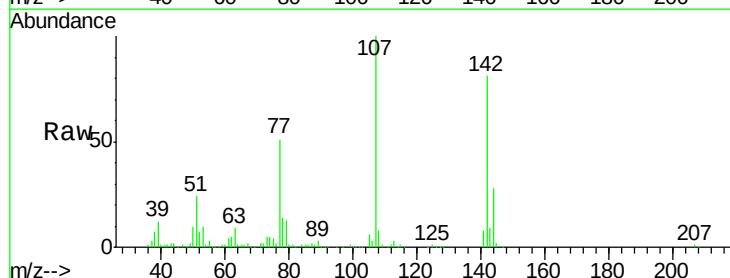
Tgt Ion: 107 Resp: 338564

Ion Ratio Lower Upper

107 100

144 27.7 20.2 30.2

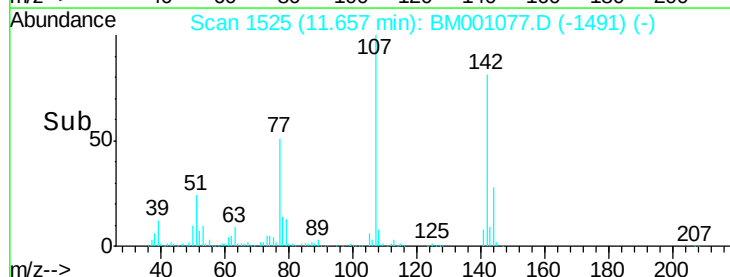
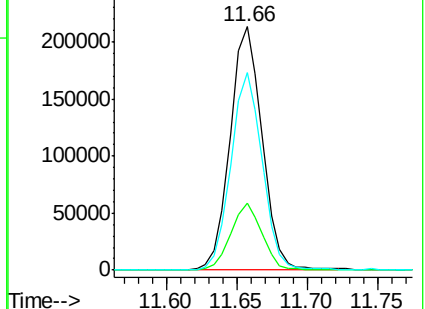
142 81.2 65.6 98.4

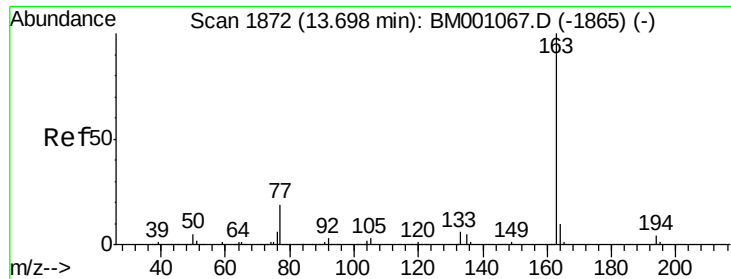


Abundance Ion 107.00 (106.70 to 107.70): BM001067.D (-1517) (-)

Ion 144.00 (143.70 to 144.70): BM001067.D (-1517) (-)

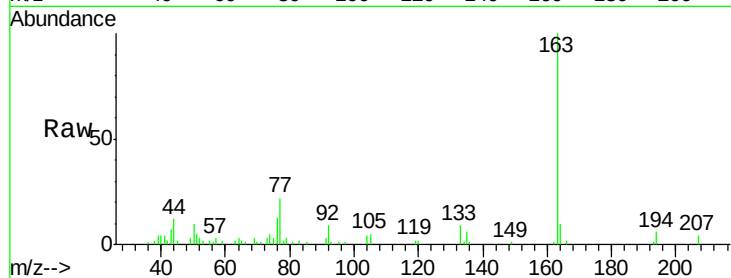
Ion 142.00 (141.70 to 142.70): BM001067.D (-1517) (-)



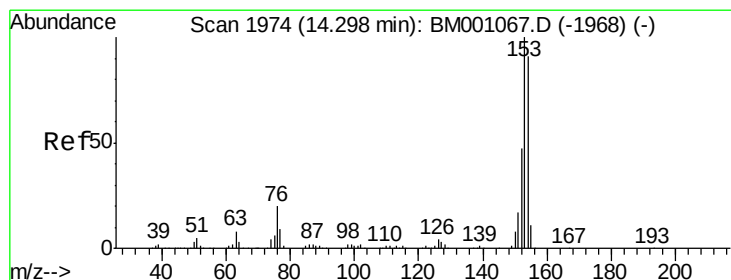
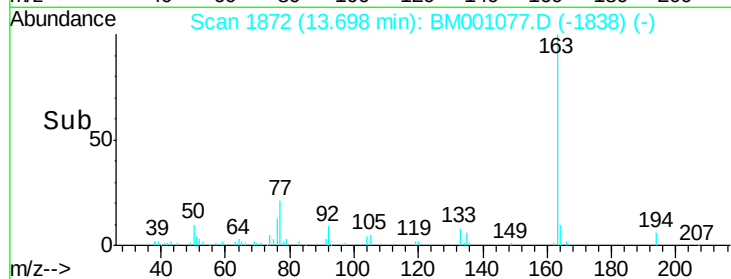
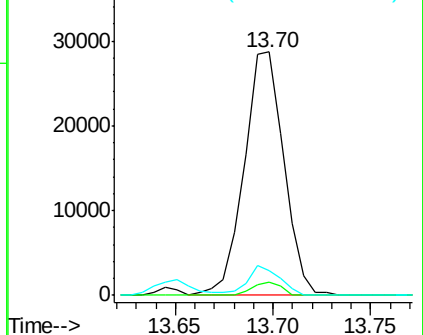


#44
Dimethylphthalate
Concen: 1.29 ng/ul
RT: 13.70 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM001077.D
Acq: 20 Apr 2015 22:01

Tgt Ion:163 Resp: 40564
Ion Ratio Lower Upper
163 100
194 5.5 3.0 4.4#
164 10.1 8.2 12.4

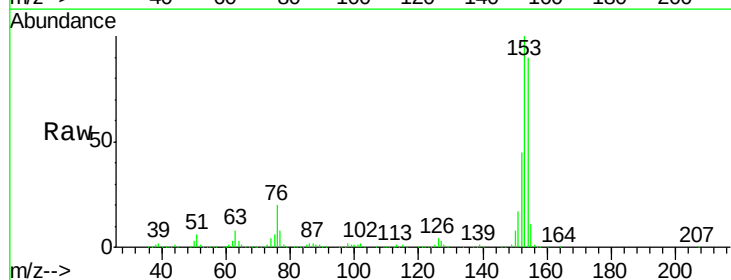


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

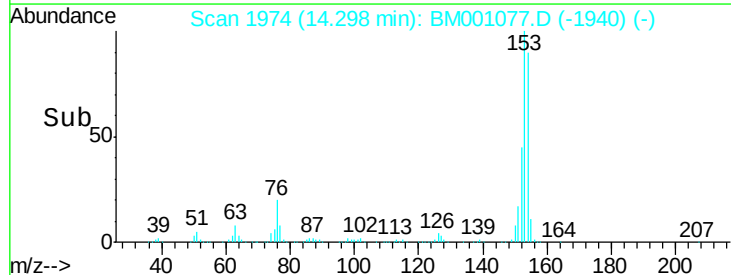
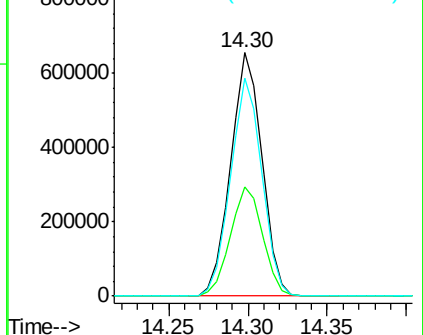


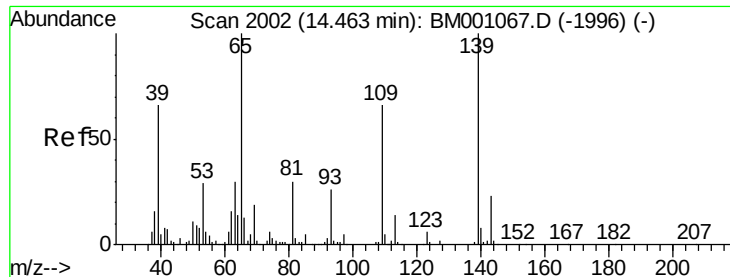
#49
Acenaphthene
Concen: 31.13 ng/ul
RT: 14.30 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM001077.D
Acq: 20 Apr 2015 22:01

Tgt Ion:153 Resp: 895694
Ion Ratio Lower Upper
153 100
152 44.7 37.8 56.6
154 89.7 71.2 106.8



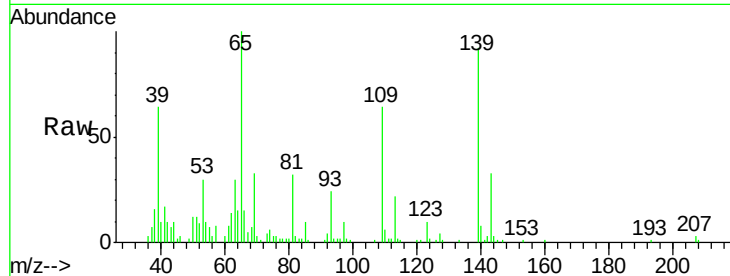
Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



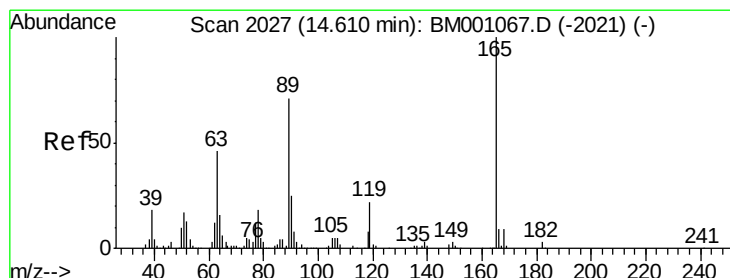
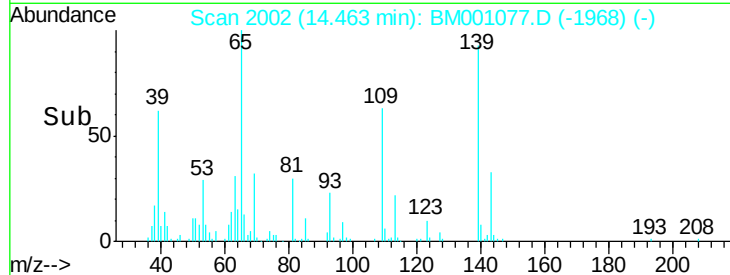
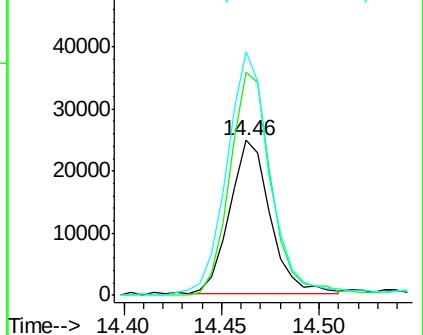


#52
4-Nitrophenol
Concen: 8.63 ng/ul
RT: 14.46 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BM001077.D
Acq: 20 Apr 2015 22:01

Tgt Ion	Ratio	Lower	Upper
109	100		
139	144.2	112.6	168.8
65	157.4	115.9	173.9

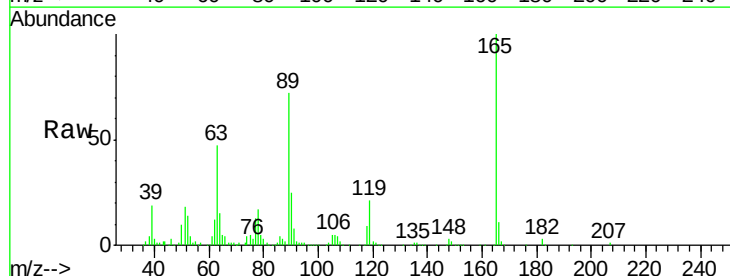


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

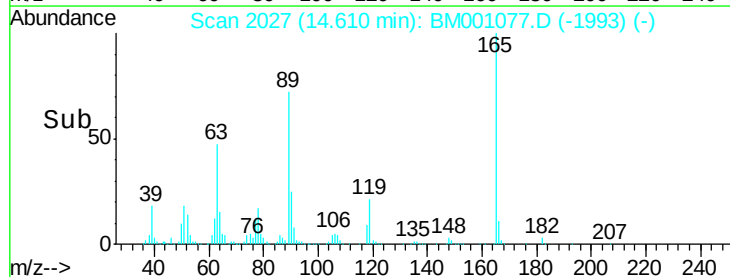
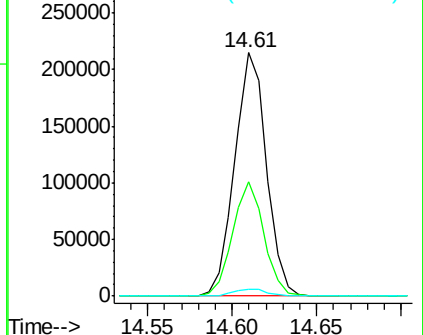


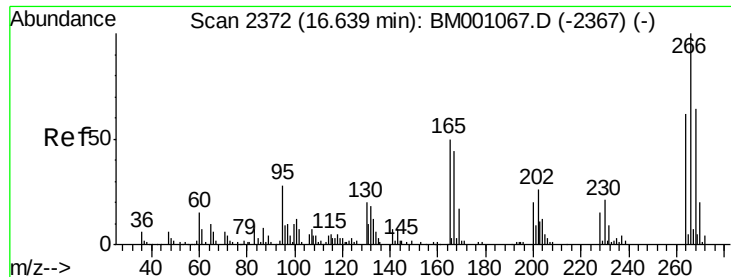
#54
2,4-Dinitrotoluene
Concen: 32.46 ng/ul
RT: 14.61 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BM001077.D
Acq: 20 Apr 2015 22:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.0	36.1	54.1
182	3.0	2.4	3.6



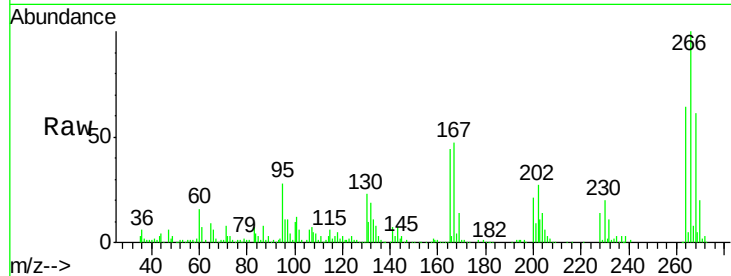
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E



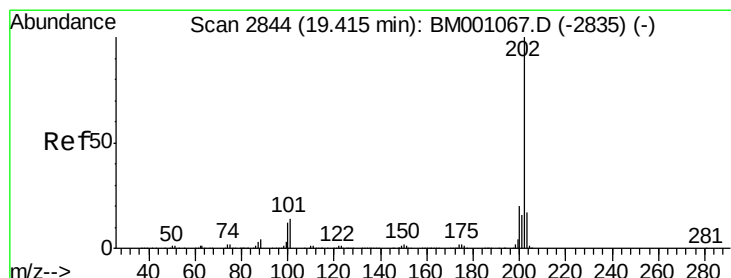
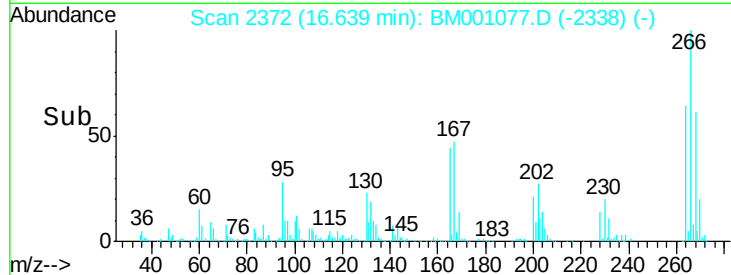
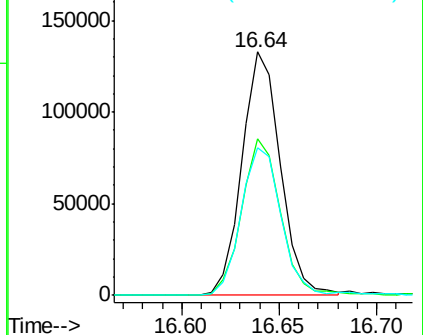


#68
 Pentachlorophenol
 Concen: 35.29 ng/ul
 RT: 16.64 min Scan# 2372
 Delta R.T. 0.00 min
 Lab File: BM001077.D
 Acq: 20 Apr 2015 22:01

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.2	75.4
268	60.6	50.1	75.1

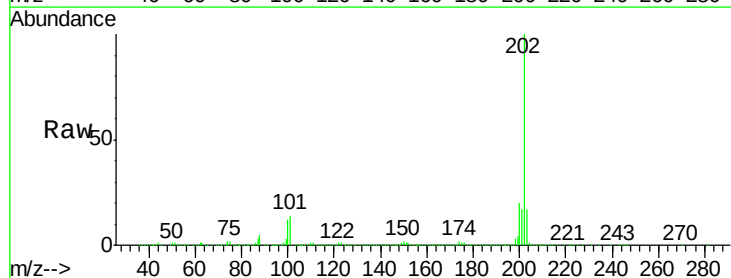


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 29.94 ng/ul
 RT: 19.42 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BM001077.D
 Acq: 20 Apr 2015 22:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.4	17.2
100	11.9	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

