

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 04:49:14 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

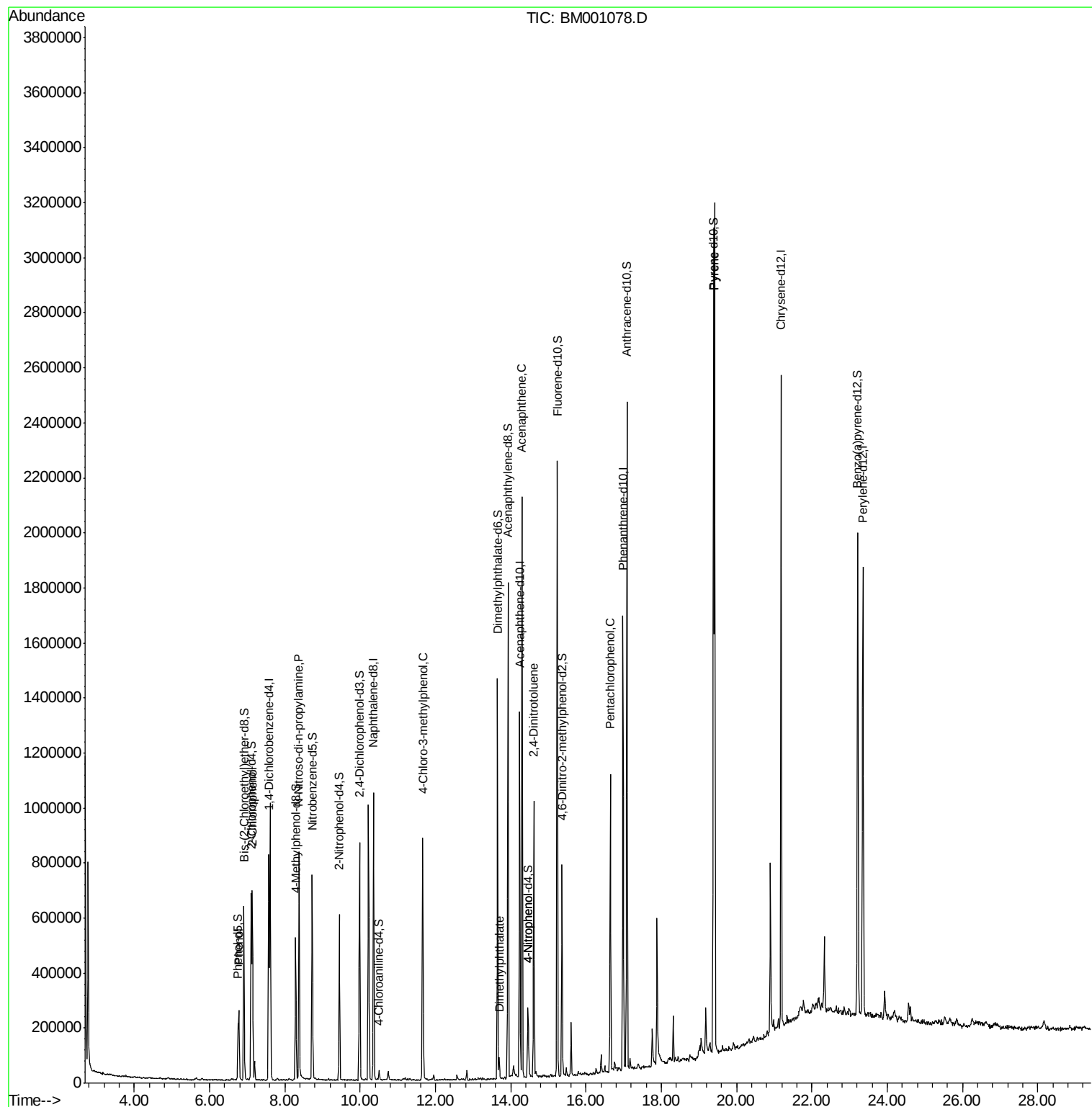
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.75	99	103286	6.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	269277	26.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	292549	22.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	181042	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

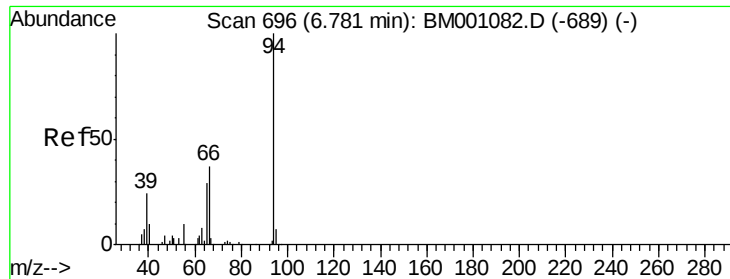
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.78	94	132044	7.68	ng/ul	96
10) 2-Chlorophenol	7.13	128	285917	20.44	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	257302	24.87	ng/ul	95
33) 4-Chloro-3-methylphenol	11.66	107	290506	22.97	ng/ul	99
44) Dimethylphthalate	13.69	163	47287	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

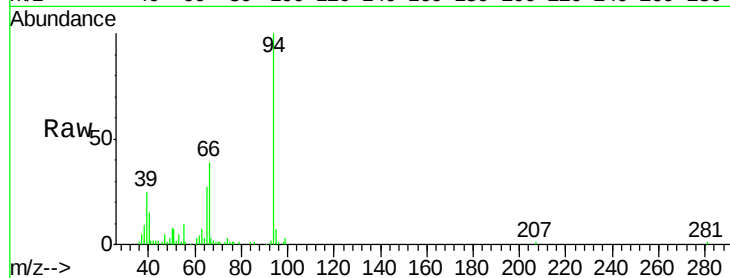
Delta R.T. 0.00 min

Lab File: BM001078.D

Acq: 20 Apr 2015 22:37

Tot Ion: 94 Resp: 132044

Ion	Ratio	Lower	Upper
94	100		
65	27.5	24.9	37.3
66	38.8	29.8	44.8

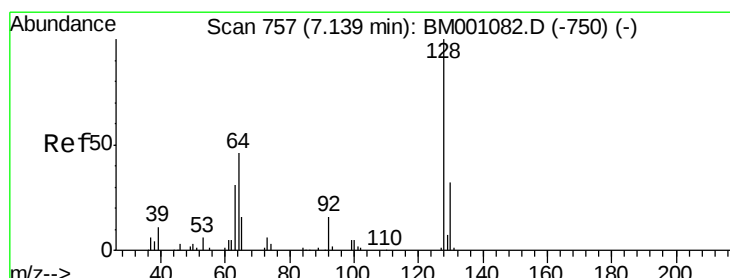
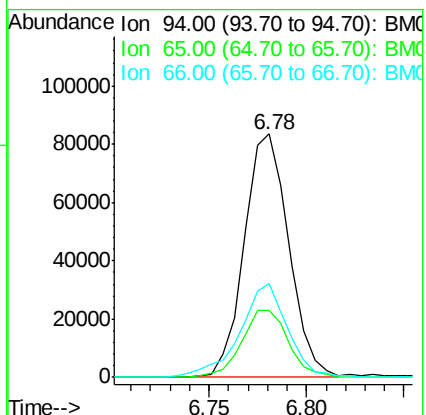
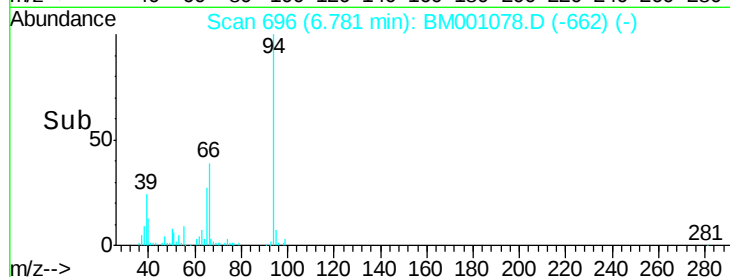


Abundance

Ion 94.00 (93.70 to 94.70): BM001082.D (-689) (-)

Ion 65.00 (64.70 to 65.70): BM001082.D (-689) (-)

Ion 66.00 (65.70 to 66.70): BM001082.D (-689) (-)



#10

2-Chlorophenol

Concen: 20.44 ng/ul

RT: 7.13 min Scan# 756

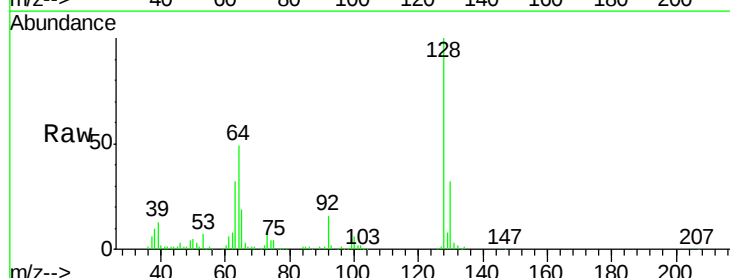
Delta R.T. -0.01 min

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

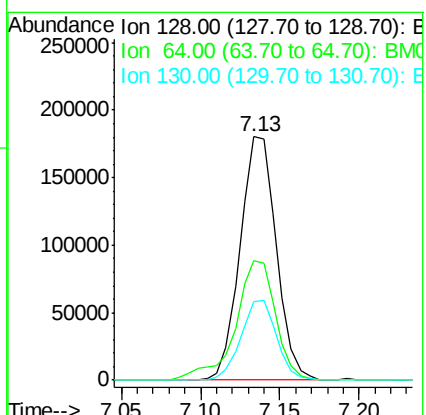
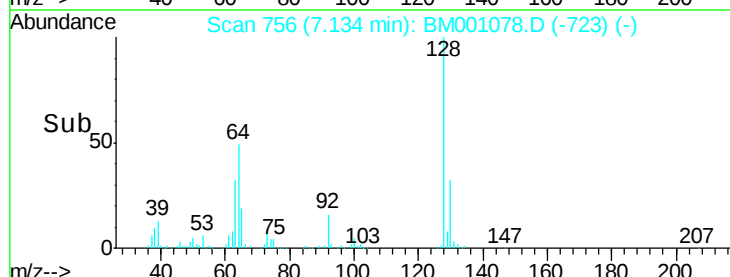


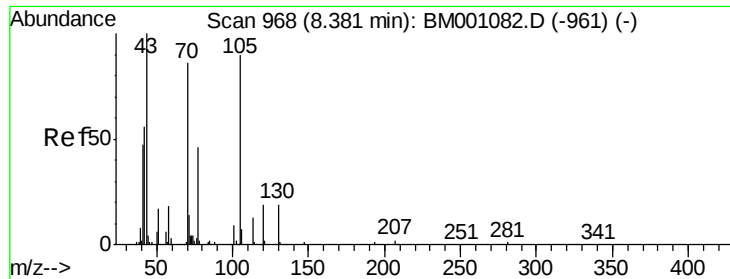
Abundance

Ion 128.00 (127.70 to 128.70): BM001082.D (-750) (-)

Ion 64.00 (63.70 to 64.70): BM001082.D (-750) (-)

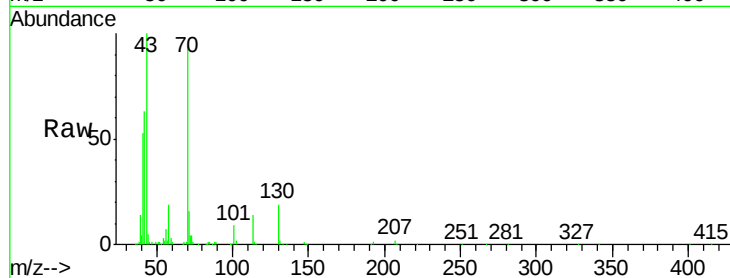
Ion 130.00 (129.70 to 130.70): BM001082.D (-750) (-)



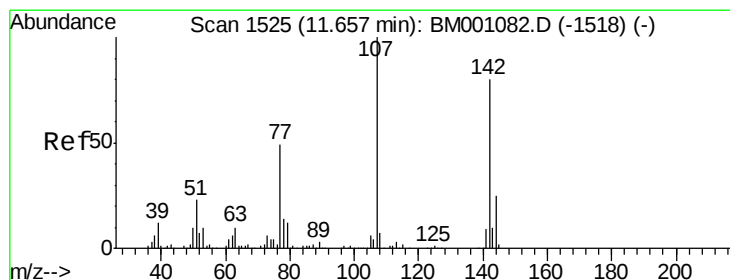
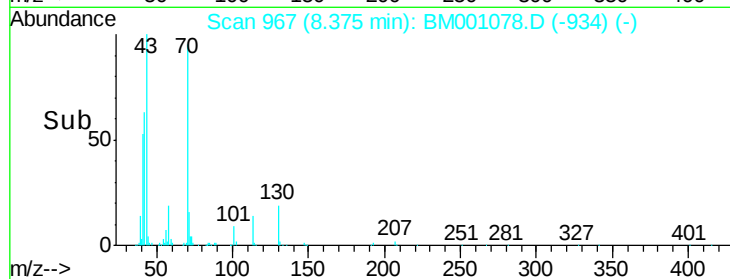
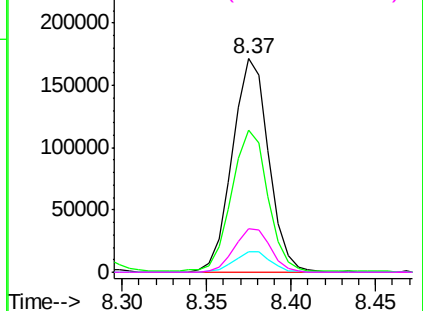


#15
N-Nitroso-di-n-propylamine
Concen: 24.87 ng/ul
RT: 8.37 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM001078.D
Acq: 20 Apr 2015 22:37

Tot 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

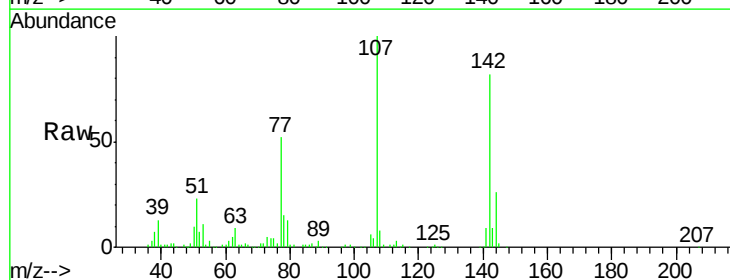


Abundance Ion 70.00 (69.70 to 70.70): BM001078.D (-961) (-)
Ion 42.00 (41.70 to 42.70): BM001078.D (-961) (-)
Ion 101.00 (100.70 to 101.70): BM001078.D (-961) (-)
Ion 130.00 (129.70 to 130.70): BM001078.D (-961) (-)

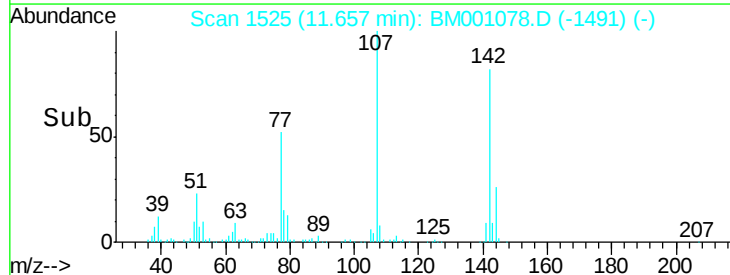
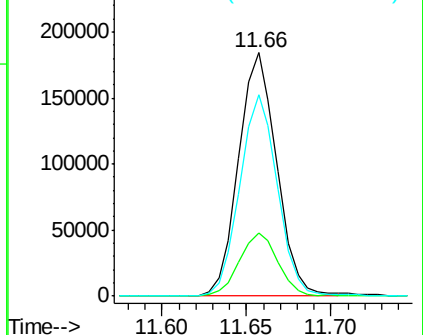


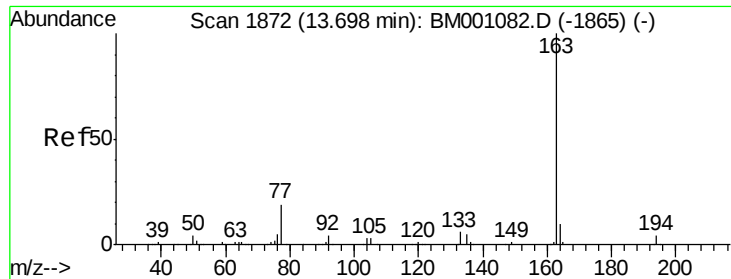
#33
4-Chloro-3-methylphenol
Concen: 22.97 ng/ul
RT: 11.66 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BM001078.D
Acq: 20 Apr 2015 22:37

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



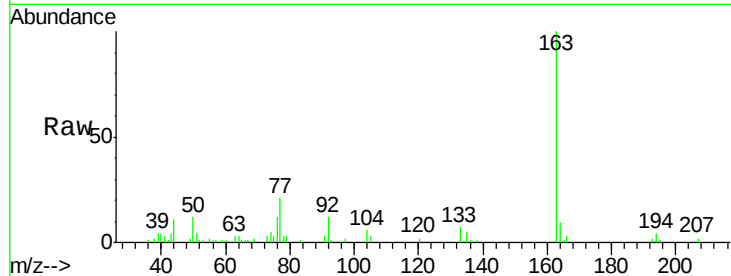
Abundance Ion 107.00 (106.70 to 107.70): BM001078.D (-1518) (-)
Ion 144.00 (143.70 to 144.70): BM001078.D (-1518) (-)
Ion 142.00 (141.70 to 142.70): BM001078.D (-1518) (-)



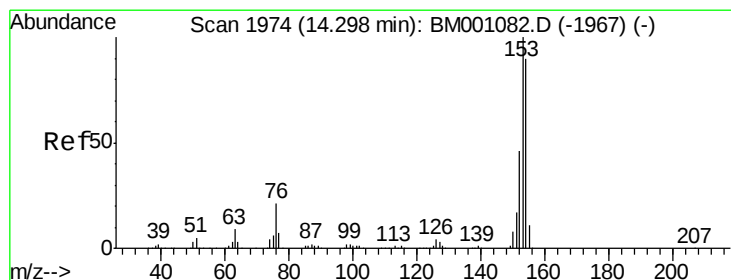
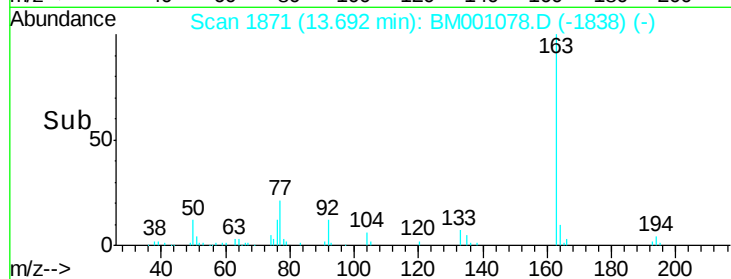
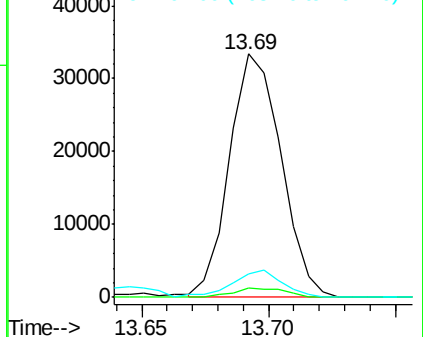


#44
Dimethylphthalate
Concen: 1.44 ng/ul
RT: 13.69 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BM001078.D
Acq: 20 Apr 2015 22:37

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

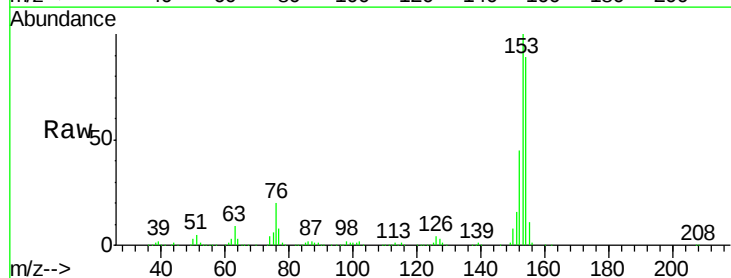


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

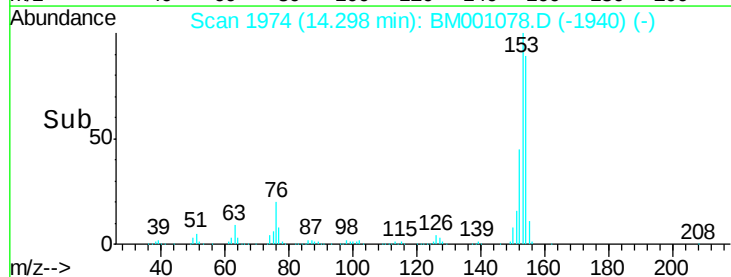
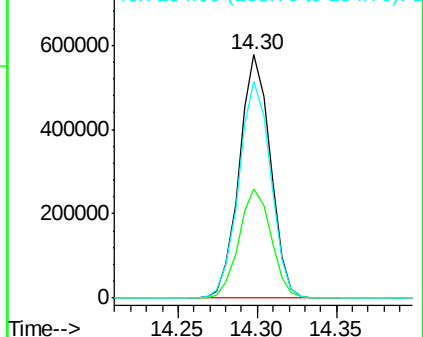


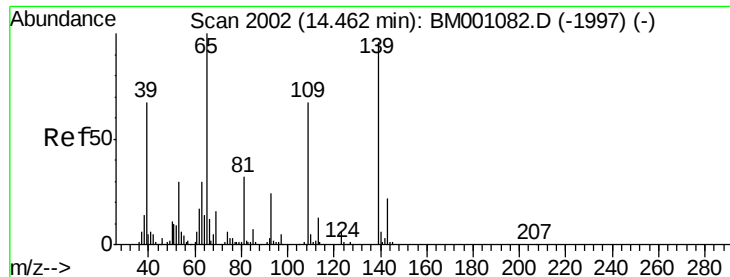
#49
Acenaphthene
Concen: 26.39 ng/ul
RT: 14.30 min Scan# 1974
Delta R.T. 0.00 min
Lab File: BM001078.D
Acq: 20 Apr 2015 22:37

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

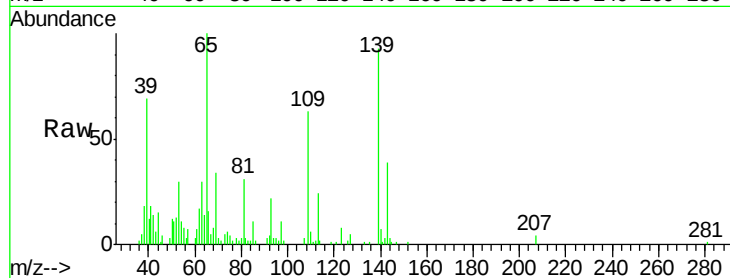
Tot Ion:109 Resp: 29091

Ion Ratio Lower Upper

109 100

139 147.8 112.6 168.8

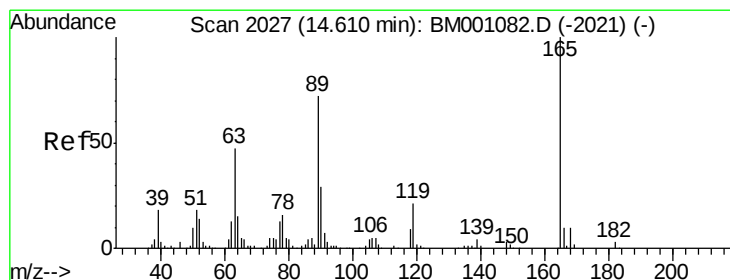
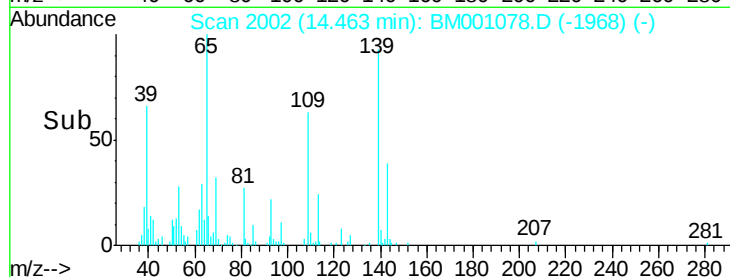
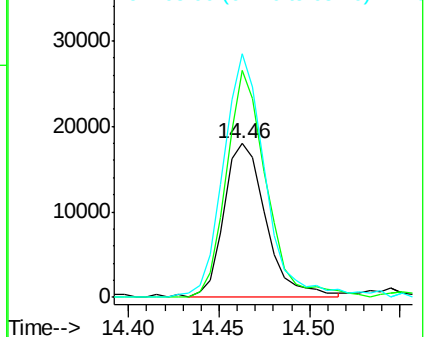
65 158.7 115.9 173.9



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

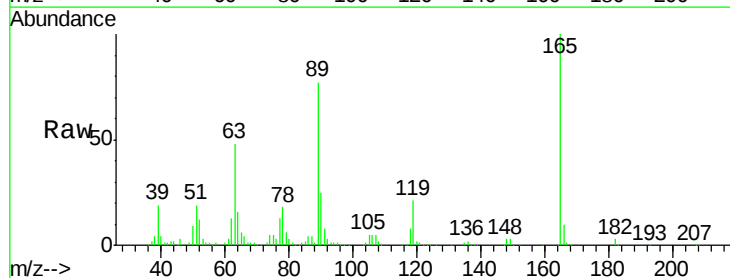
Tgt Ion:165 Resp: 249623

Ion Ratio Lower Upper

165 100

63 47.6 36.1 54.1

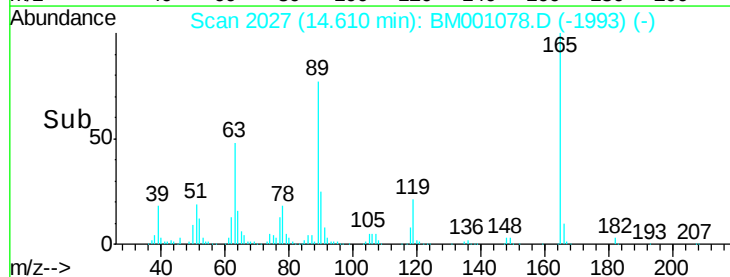
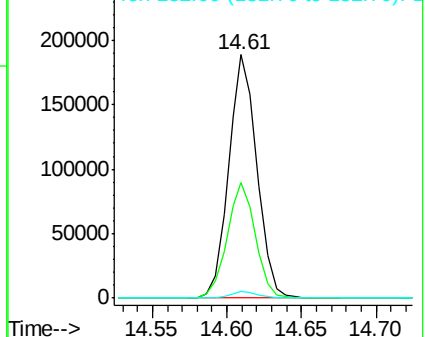
182 2.6 2.4 3.6

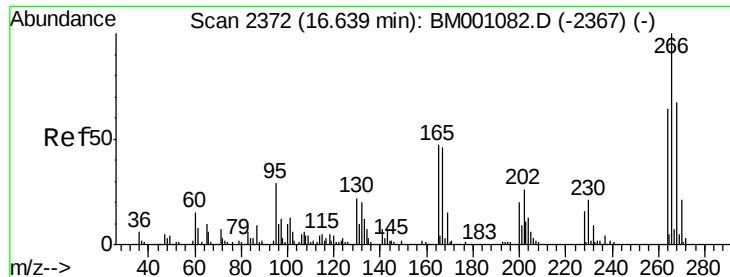


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

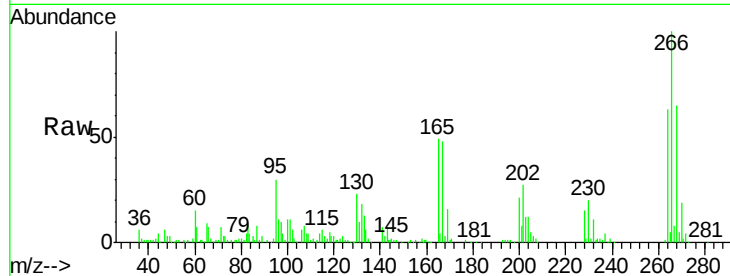
Ion 182.00 (181.70 to 182.70): E



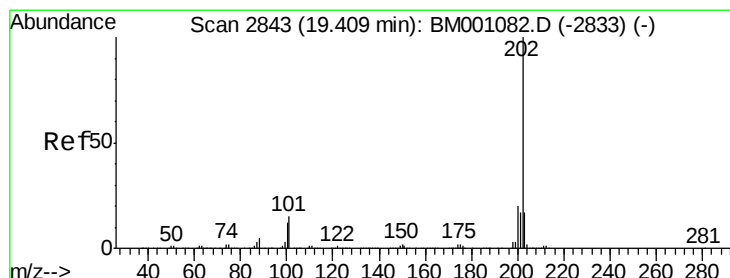
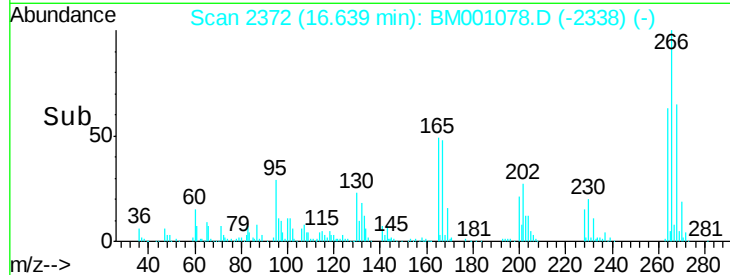
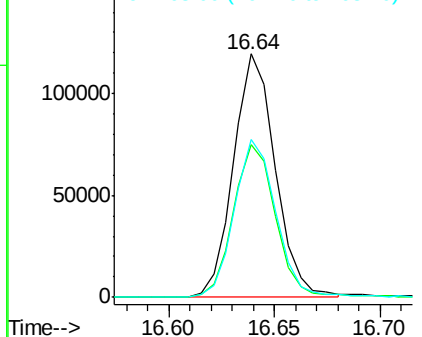


#68
 Pentachlorophenol
 Concen: 30.43 ng/ul
 RT: 16.64 min Scan# 2372
 Delta R.T. 0.00 min
 Lab File: BM001078.D
 Acq: 20 Apr 2015 22:37

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

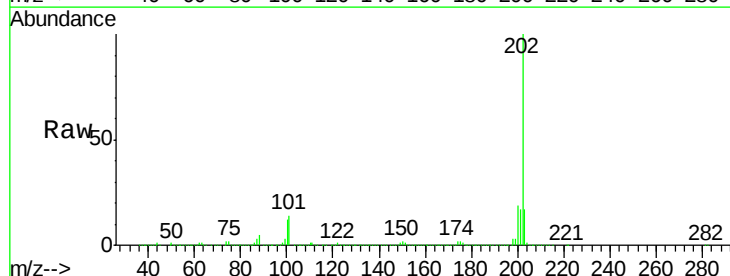


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#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

