

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000985.D
 Acq On : 14 Apr 2015 16:00
 Operator : TP/IZ
 Sample : G1858-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD008-0006-01MS

Quant Time: Apr 15 17:08:07 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 15 06:02:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	439223	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	1820706	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	1010986	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	2170810	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	2271674	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	2170698	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	700276	21.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	458898	22.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	529174	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	664621	25.84	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	310226	25.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	335234	25.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	632800	24.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	837850	26.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	2359401	35.64	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	2973528	31.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	342090	29.48	ng/ul	0.00
57) Fluorene-d10	15.26	176	2103220	31.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	244148	21.05	ng/ul	0.00
70) Anthracene-d10	17.10	188	3156382	31.83	ng/ul	0.00
76) Pyrene-d10	19.40	212	3361395	32.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	3355294	35.33	ng/ul	0.00

Target Compounds

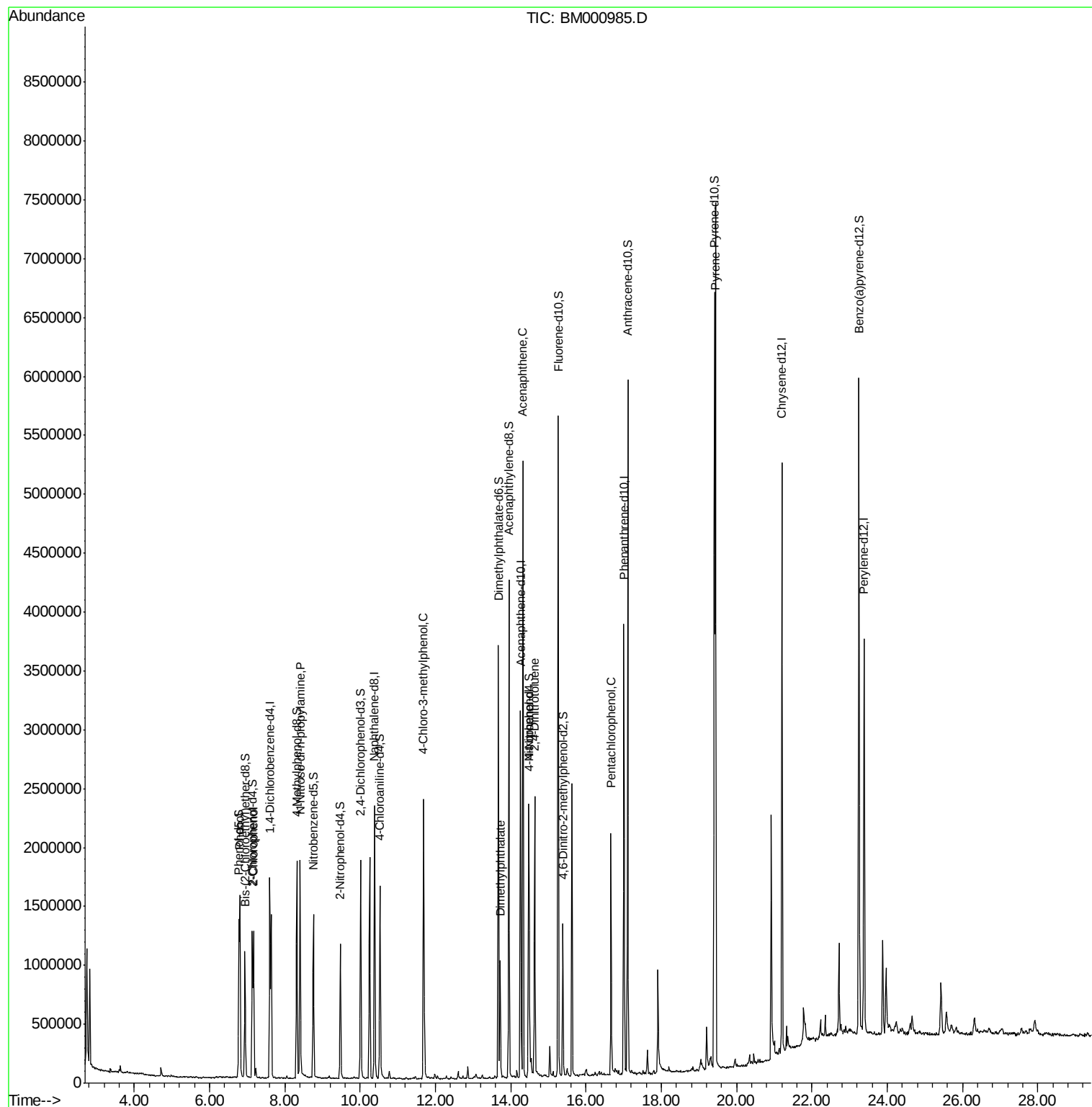
						Qvalue
6) Phenol	6.80	94	763590	21.25	ng/ul	99
10) 2-Chlorophenol	7.16	128	517999	17.60	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	567711	27.28	ng/ul	97
33) 4-Chloro-3-methylphenol	11.68	107	809742	29.95	ng/ul	97
44) Dimethylphthalate	13.72	163	609525	8.04	ng/ul	98
49) Acenaphthene	14.32	153	1955130	27.77	ng/ul	99
52) 4-Nitrophenol	14.49	109	259645	28.51	ng/ul	97
54) 2,4-Dinitrotoluene	14.63	165	618126	29.43	ng/ul	99
68) Pentachlorophenol	16.66	266	330250	27.48	ng/ul	95
77) Pyrene	19.43	202	4242719	29.28	ng/ul	99

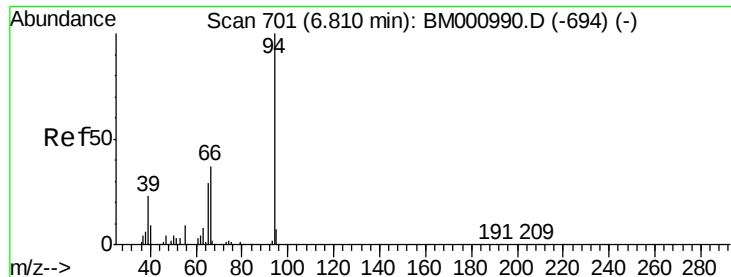
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 21.25 ng/ul

RT: 6.80 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM000985.D

Acq: 14 Apr 2015 16:00

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MS

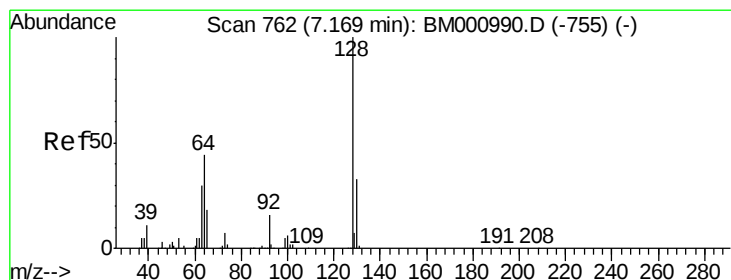
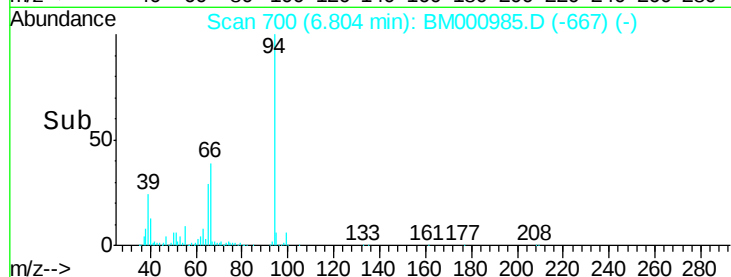
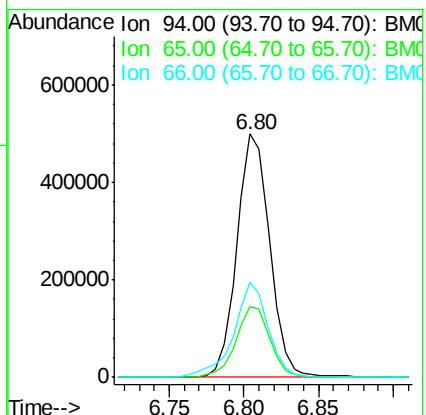
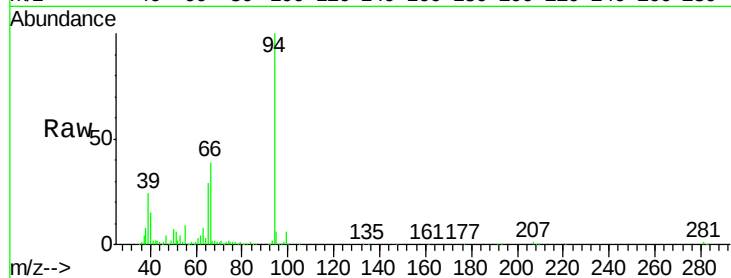
Tgt Ion: 94 Resp: 763590

Ion Ratio Lower Upper

94 100

65 29.0 23.5 35.3

66 38.9 30.6 45.8



#10

2-Chlorophenol

Concen: 17.60 ng/ul

RT: 7.16 min Scan# 761

Delta R.T. -0.01 min

Lab File: BM000985.D

Acq: 14 Apr 2015 16:00

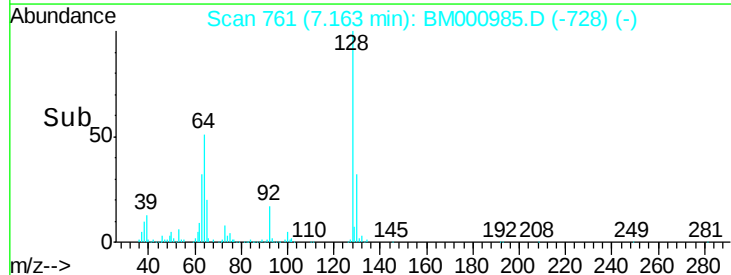
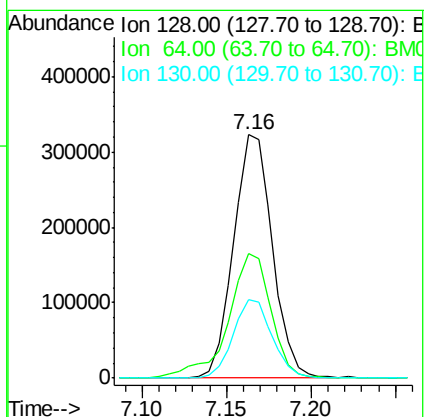
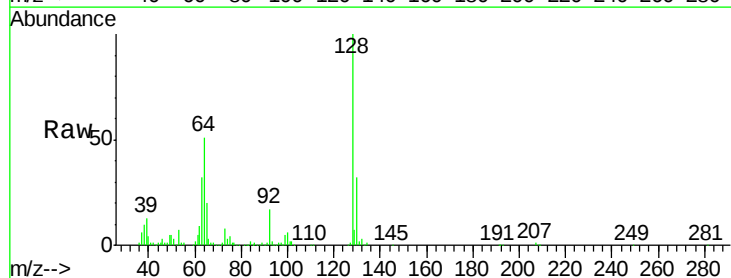
Tgt Ion: 128 Resp: 517999

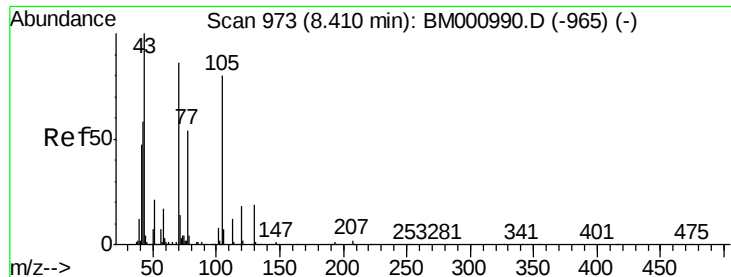
Ion Ratio Lower Upper

128 100

64 51.2 40.0 60.0

130 32.3 25.0 37.6





#15

N-Nitroso-di-n-propylamine

Concen: 27.28 ng/ul

RT: 8.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BM000985.D

Acq: 14 Apr 2015 16:00

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MS

Tgt Ion: 70 Resp: 567711

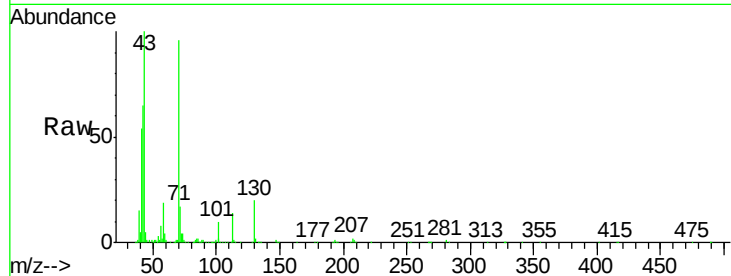
Ion Ratio Lower Upper

70 100

42 67.3 52.1 78.1

101 10.3 8.2 12.2

130 21.1 18.2 27.2



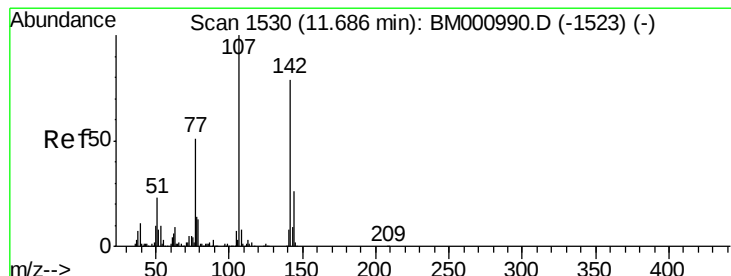
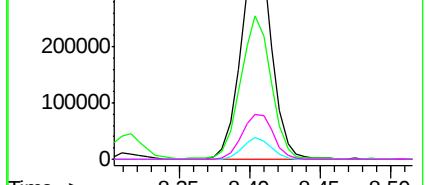
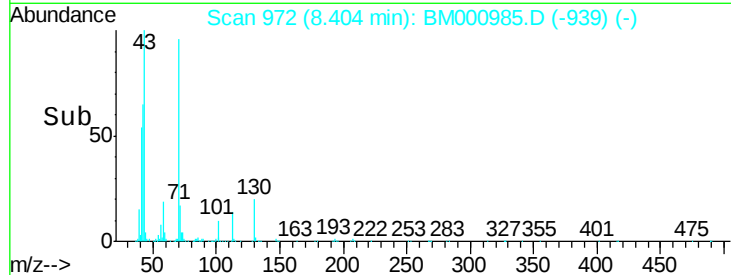
Abundance Ion 70.00 (69.70 to 70.70): BM000990.D (-965) (-)

Ion 42.00 (41.70 to 42.70): BM000990.D (-965) (-)

Ion 101.00 (100.70 to 101.70): BM000990.D (-965) (-)

Ion 130.00 (129.70 to 130.70): BM000990.D (-965) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 29.95 ng/ul

RT: 11.68 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BM000985.D

Acq: 14 Apr 2015 16:00

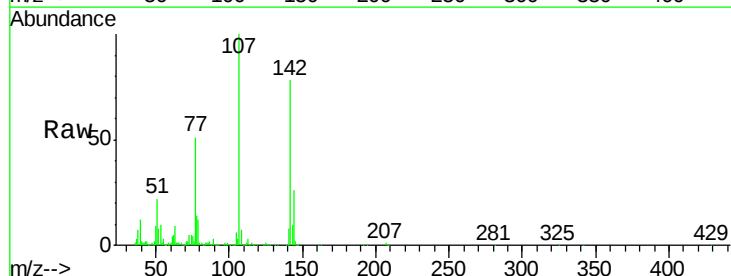
Tgt Ion: 107 Resp: 809742

Ion Ratio Lower Upper

107 100

144 25.7 20.7 31.1

142 77.9 64.8 97.2

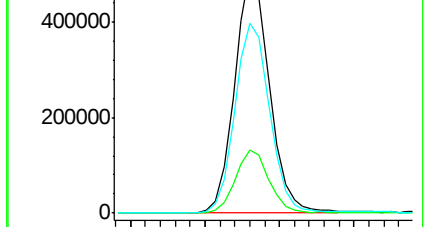
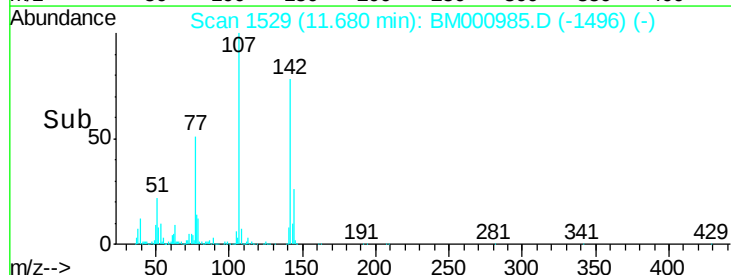


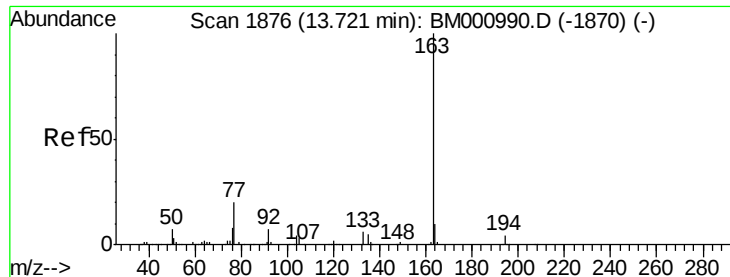
Abundance Ion 107.00 (106.70 to 107.70): BM000990.D (-1523) (-)

Ion 144.00 (143.70 to 144.70): BM000990.D (-1523) (-)

Ion 142.00 (141.70 to 142.70): BM000990.D (-1523) (-)

Time-->

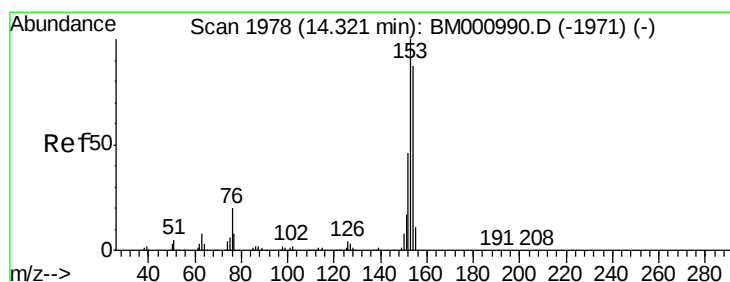
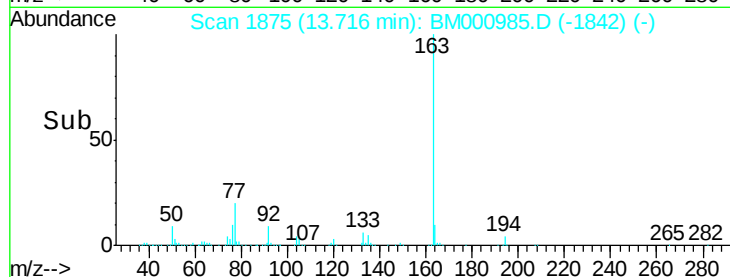
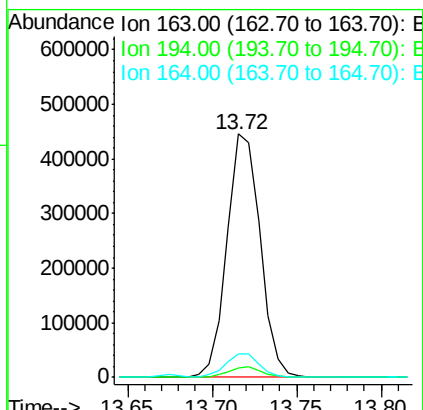
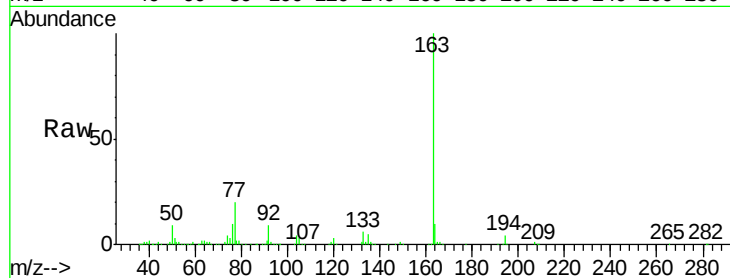




#44
Dimethylphthalate
Concen: 8.04 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM000985.D
Acq: 14 Apr 2015 16:00

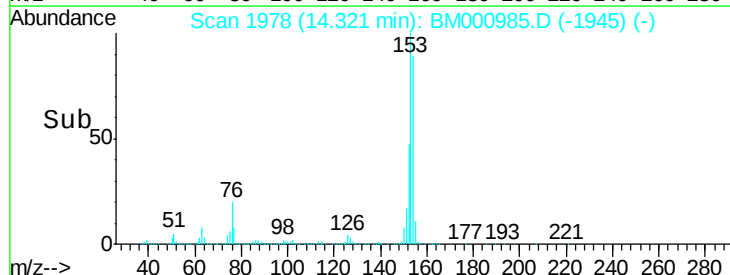
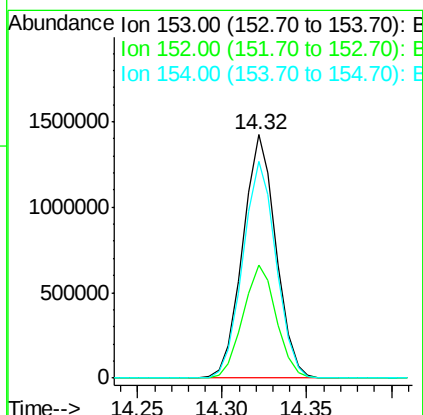
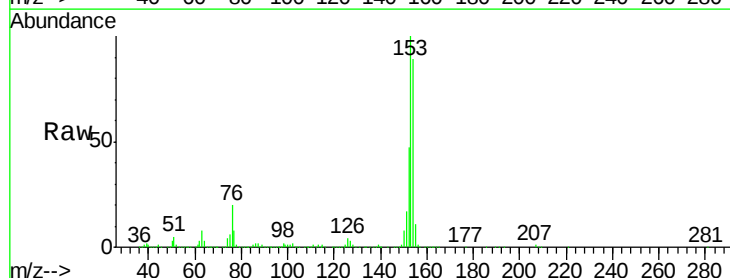
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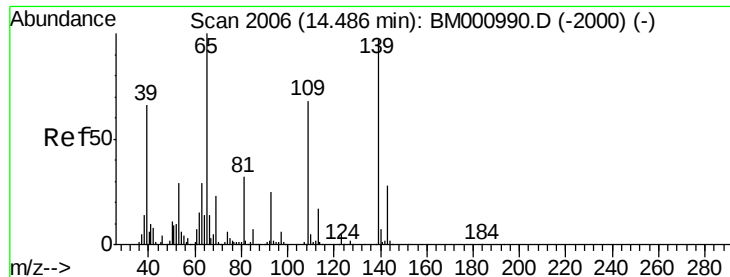
Tgt Ion:163 Resp: 609525
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 9.8 8.6 12.8



#49
Acenaphthene
Concen: 27.77 ng/ul
RT: 14.32 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM000985.D
Acq: 14 Apr 2015 16:00

Tgt Ion:153 Resp: 1955130
Ion Ratio Lower Upper
153 100
152 46.6 37.2 55.8
154 88.8 72.6 108.8

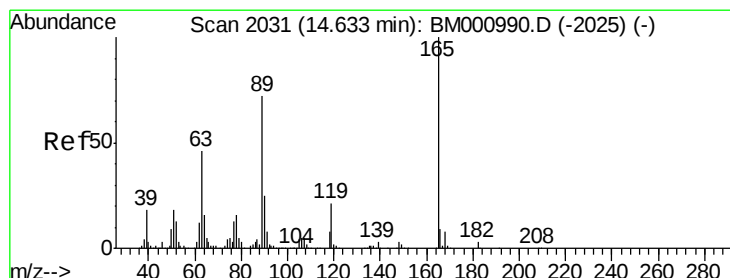
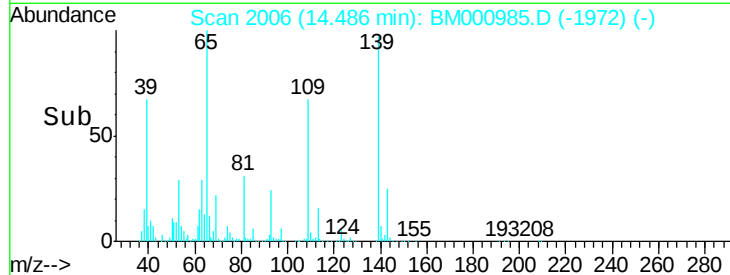
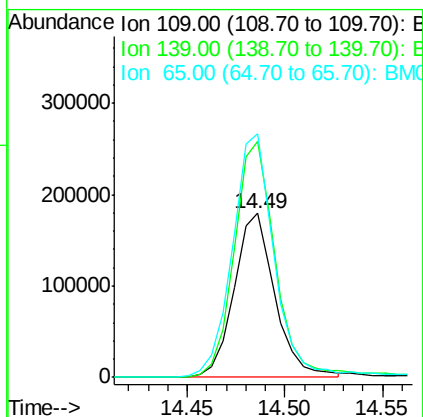
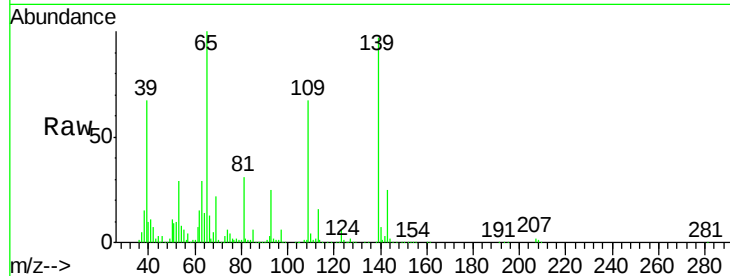




#52
4-Nitrophenol
Concen: 28.51 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BM000985.D
Acq: 14 Apr 2015 16:00

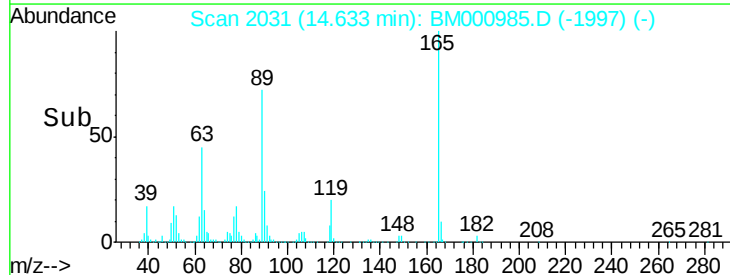
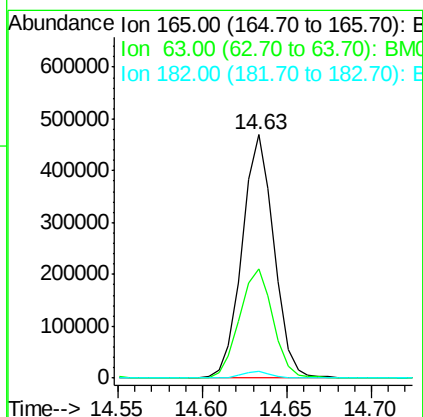
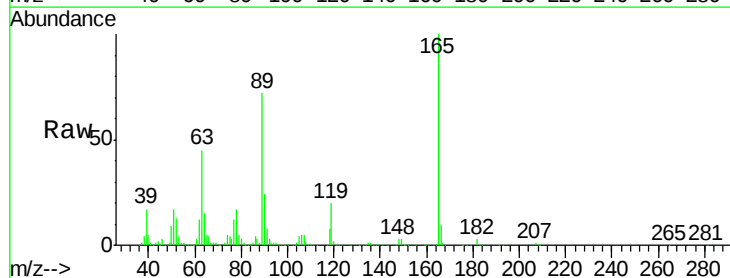
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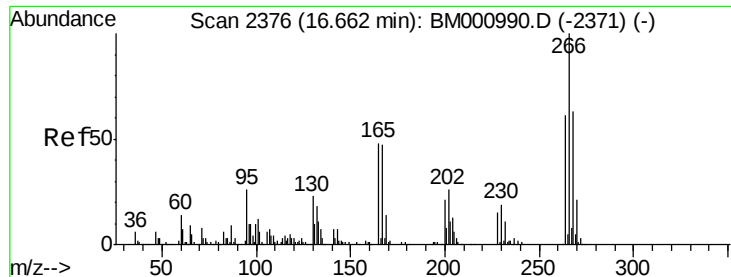
Tgt Ion:109 Resp: 259645
Ion Ratio Lower Upper
109 100
139 144.0 111.0 166.6
65 148.4 116.8 175.2



#54
2,4-Dinitrotoluene
Concen: 29.43 ng/ul
RT: 14.63 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM000985.D
Acq: 14 Apr 2015 16:00

Tgt Ion:165 Resp: 618126
Ion Ratio Lower Upper
165 100
63 45.0 36.4 54.6
182 2.8 2.1 3.1

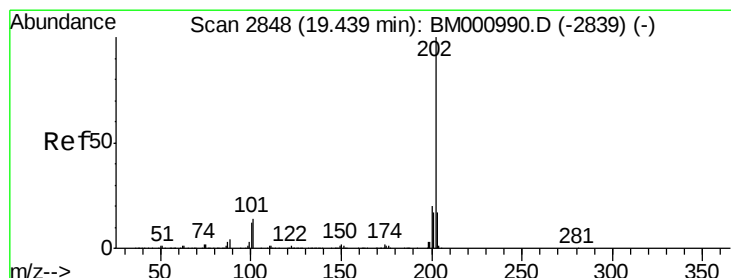
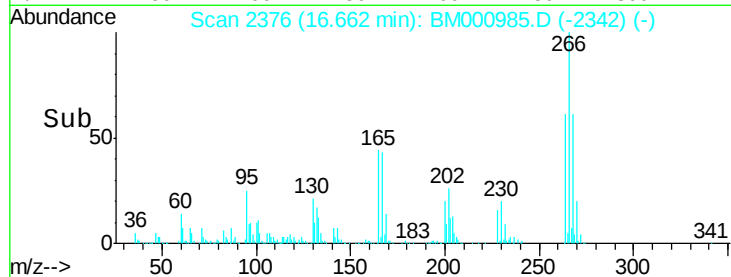
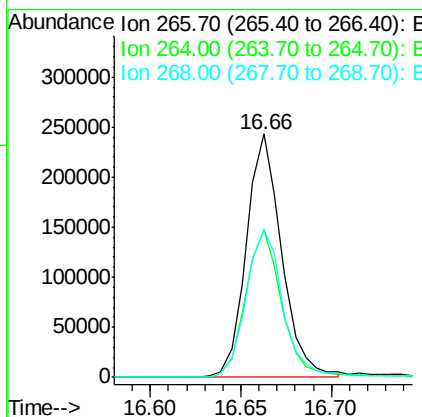
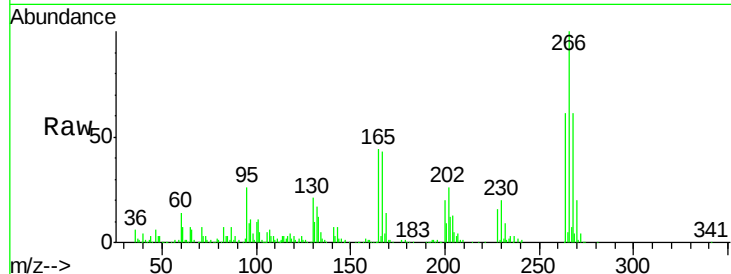




#68
 Pentachlorophenol
 Concen: 27.48 ng/ul
 RT: 16.66 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BM000985.D
 Acq: 14 Apr 2015 16:00

Instrument :
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Tgt Ion: 266 Resp: 330250
 Ion Ratio Lower Upper
 266 100
 264 60.6 51.0 76.6
 268 60.7 52.5 78.7



#77
 Pyrene
 Concen: 29.28 ng/ul
 RT: 19.43 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BM000985.D
 Acq: 14 Apr 2015 16:00

Tgt Ion: 202 Resp: 4242719
 Ion Ratio Lower Upper
 202 100
 101 14.5 11.6 17.4
 100 12.3 9.4 14.0

