

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000997.D
 Acq On : 14 Apr 2015 23:12
 Operator : TP/IZ
 Sample : G1830-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SS003-0006-01MS

Quant Time: Apr 15 17:28:59 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 15 06:41:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	403349	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	1703544	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	940530	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1996385	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	1988418	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1932101	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.78	99	936058	30.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	577757	30.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	715064	28.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	797170	33.75	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	396208	35.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	420628	34.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	778882	31.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	977198	33.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	2728085	44.30	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	3260003	36.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	419698	38.87	ng/ul	0.00
57) Fluorene-d10	15.26	176	2262141	36.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	301656	28.28	ng/ul	0.00
70) Anthracene-d10	17.10	188	3338026	36.60	ng/ul	0.00
76) Pyrene-d10	19.40	212	3323154	37.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	2546423	30.13	ng/ul	-0.01

Target Compounds

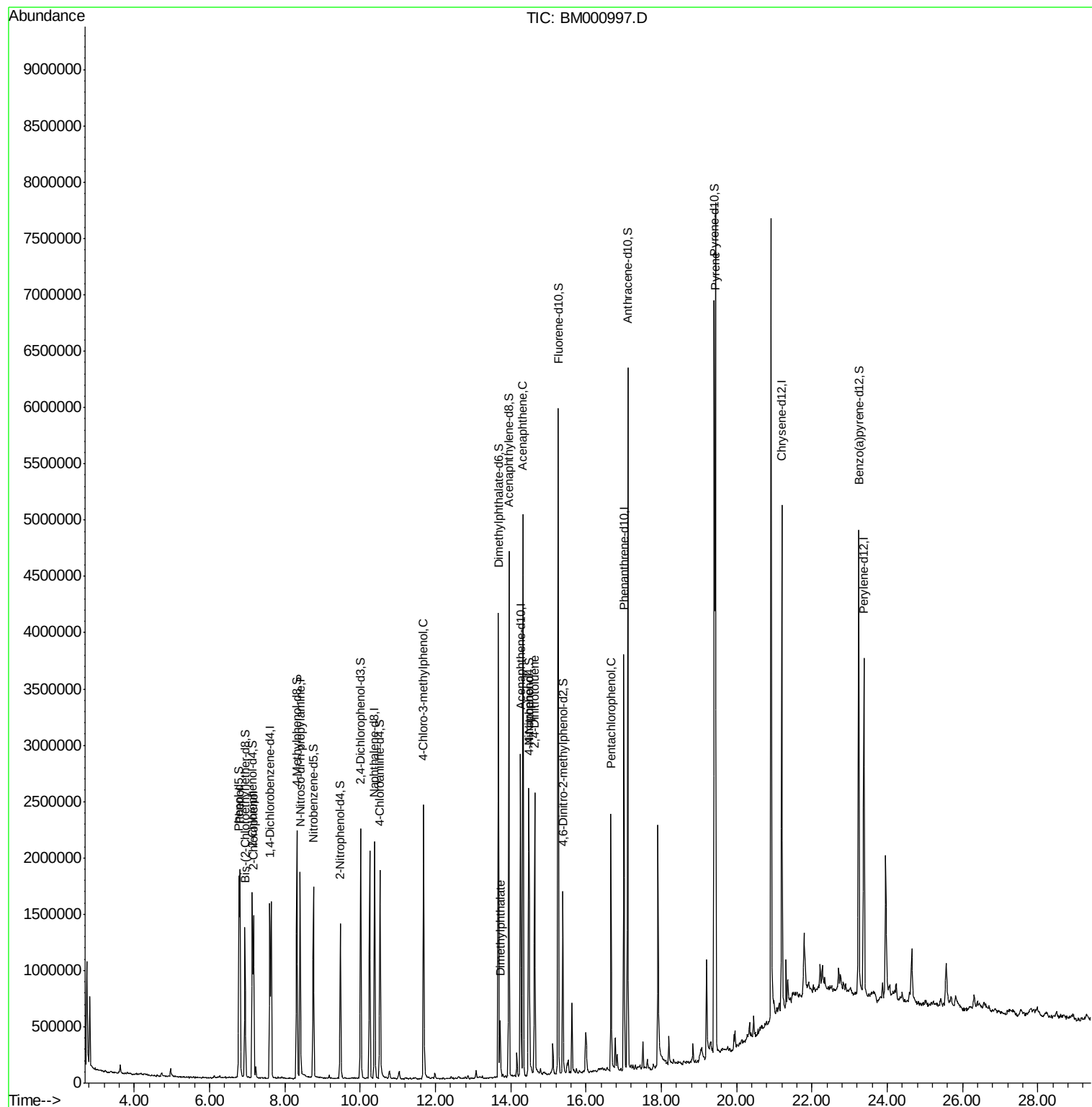
					Qvalue
6) Phenol	6.81	94	947438	28.71	ng/ul 95
10) 2-Chlorophenol	7.17	128	606408	22.43	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.40	70	567809	29.71	ng/ul 97
33) 4-Chloro-3-methylphenol	11.68	107	823540	32.55	ng/ul 100
44) Dimethylphthalate	13.72	163	304388	4.32	ng/ul 98
49) Acenaphthene	14.32	153	1940561	29.63	ng/ul 99
52) 4-Nitrophenol	14.49	109	285750	33.72	ng/ul 95
54) 2,4-Dinitrotoluene	14.63	165	642415	32.88	ng/ul 100
68) Pentachlorophenol	16.66	266	379742	34.36	ng/ul 96
77) Pyrene	19.43	202	4171980	32.89	ng/ul 99

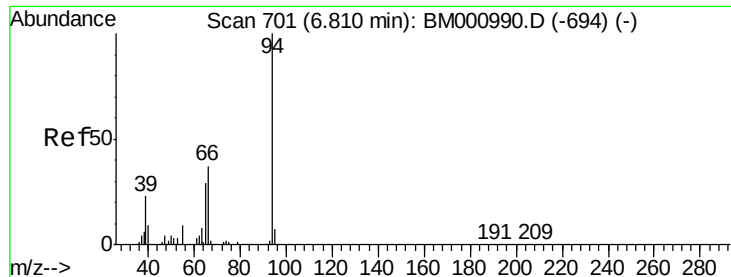
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 28.71 ng/ul

RT: 6.81 min Scan# 701

Delta R.T. 0.00 min

Lab File: BM000997.D

Acq: 14 Apr 2015 23:12

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0006-01MS

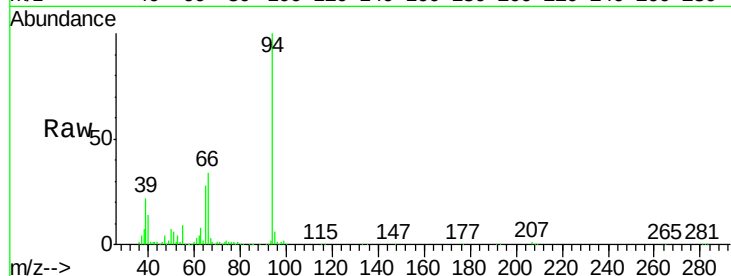
Tgt Ion: 94 Resp: 947438

Ion Ratio Lower Upper

94 100

65 27.6 23.5 35.3

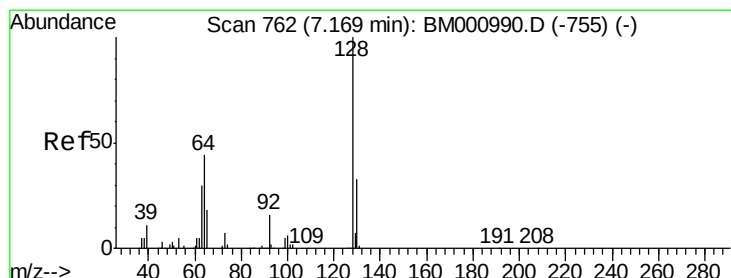
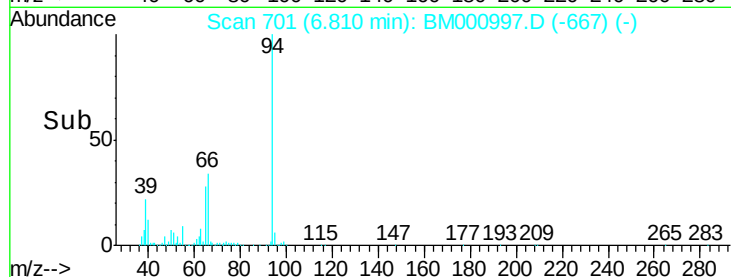
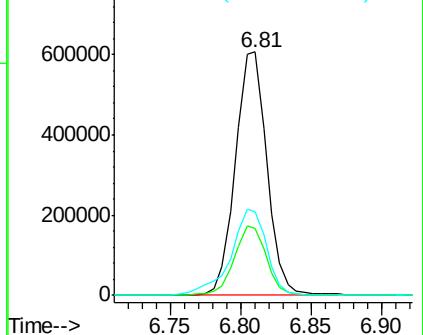
66 34.4 30.6 45.8



Abundance Ion 94.00 (93.70 to 94.70): BM000997.D (-694) (-)

Ion 65.00 (64.70 to 65.70): BM000997.D (-694) (-)

Ion 66.00 (65.70 to 66.70): BM000997.D (-694) (-)



#10

2-Chlorophenol

Concen: 22.43 ng/ul

RT: 7.17 min Scan# 762

Delta R.T. 0.00 min

Lab File: BM000997.D

Acq: 14 Apr 2015 23:12

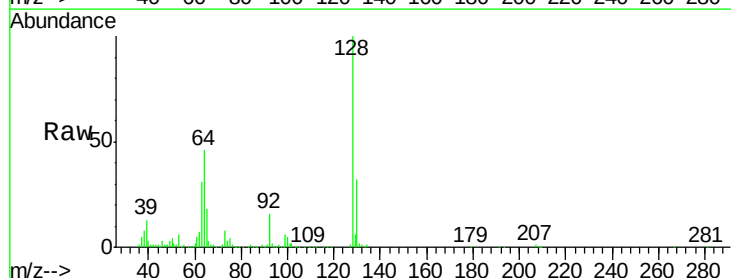
Tgt Ion: 128 Resp: 606408

Ion Ratio Lower Upper

128 100

64 46.4 40.0 60.0

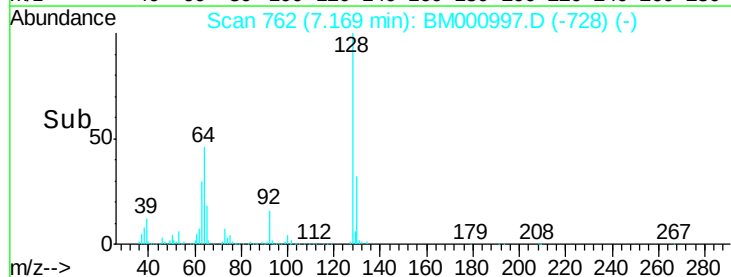
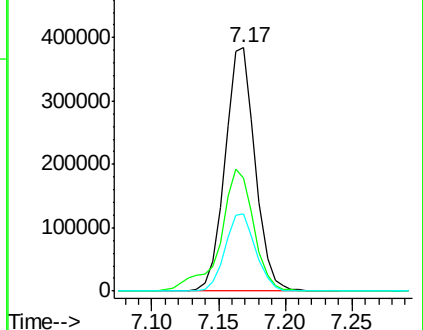
130 32.0 25.0 37.6

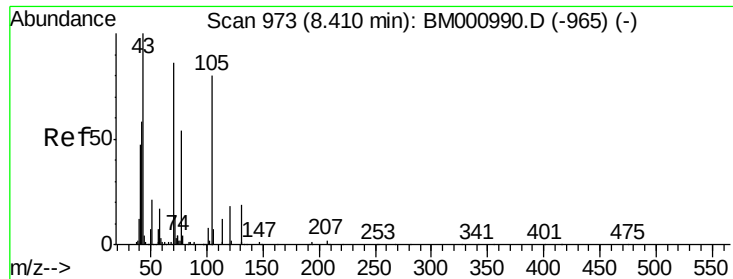


Abundance Ion 128.00 (127.70 to 128.70): BM000997.D (-755) (-)

Ion 64.00 (63.70 to 64.70): BM000997.D (-755) (-)

Ion 130.00 (129.70 to 130.70): BM000997.D (-755) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 29.71 ng/ul

RT: 8.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BM000997.D

Acq: 14 Apr 2015 23:12

Instrument :

BNA_M

ClientSampleId :

P001-SS003-0006-01MS

Tgt Ion: 70 Resp: 567809

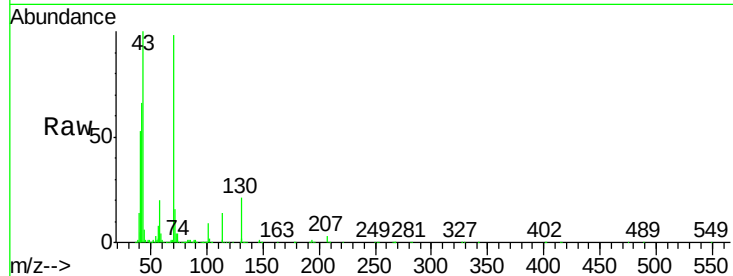
Ion Ratio Lower Upper

70 100

42 67.3 52.1 78.1

101 9.3 8.2 12.2

130 21.8 18.2 27.2

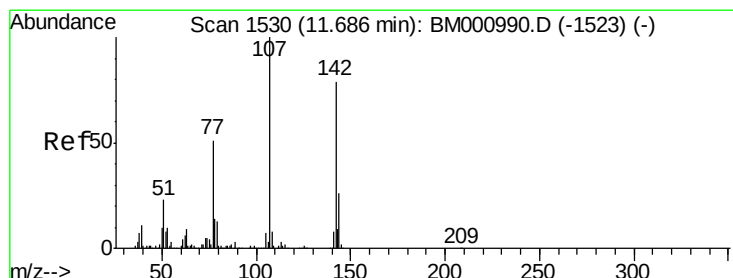
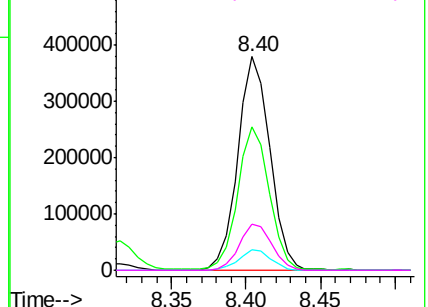
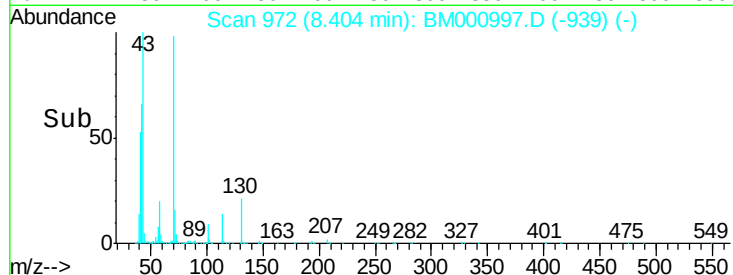


Abundance Ion 70.00 (69.70 to 70.70): BM000997.D (-939) (-)

Ion 42.00 (41.70 to 42.70): BM000997.D (-939) (-)

Ion 101.00 (100.70 to 101.70): BM000997.D (-939) (-)

Ion 130.00 (129.70 to 130.70): BM000997.D (-939) (-)



#33

4-Chloro-3-methylphenol

Concen: 32.55 ng/ul

RT: 11.68 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BM000997.D

Acq: 14 Apr 2015 23:12

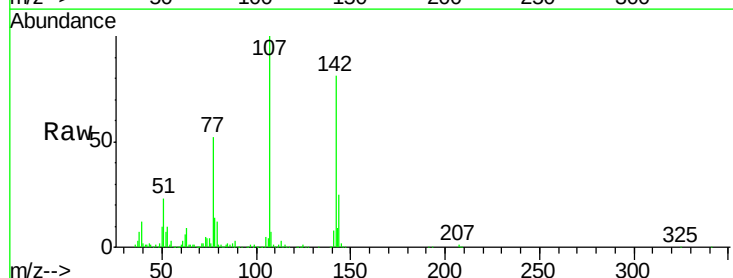
Tgt Ion: 107 Resp: 823540

Ion Ratio Lower Upper

107 100

144 25.3 20.7 31.1

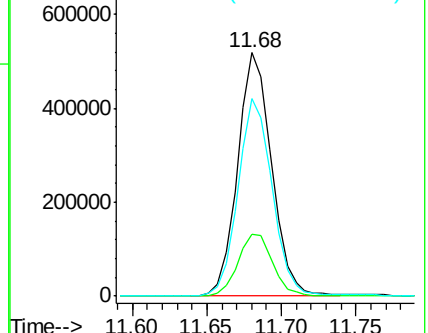
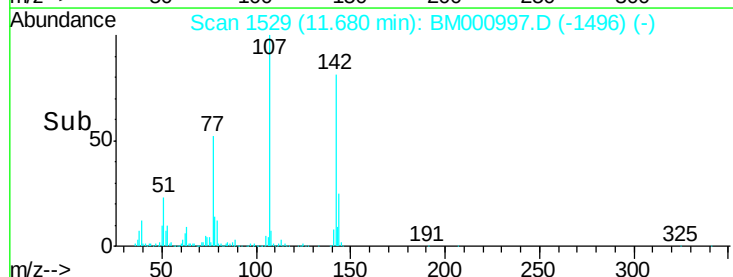
142 81.2 64.8 97.2

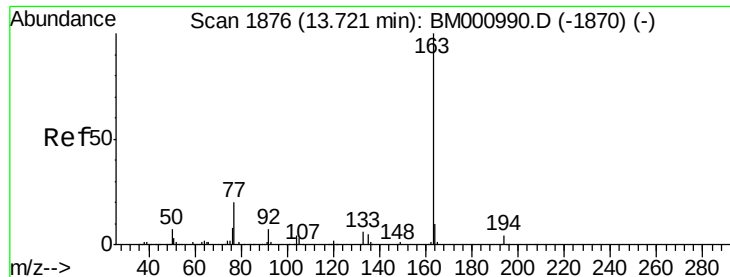


Abundance Ion 107.00 (106.70 to 107.70): BM000997.D (-1496) (-)

Ion 144.00 (143.70 to 144.70): BM000997.D (-1496) (-)

Ion 142.00 (141.70 to 142.70): BM000997.D (-1496) (-)

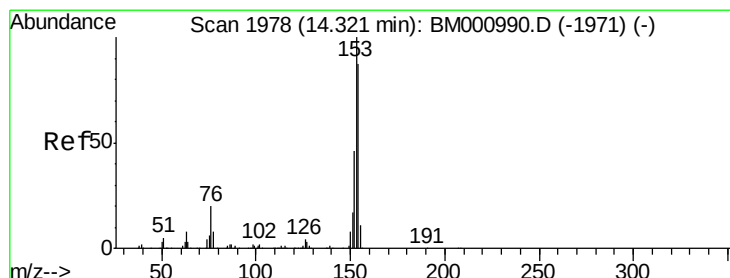
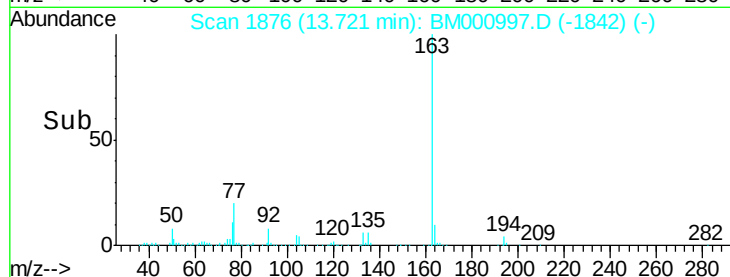
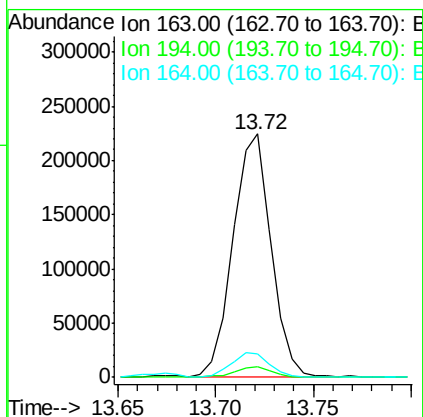
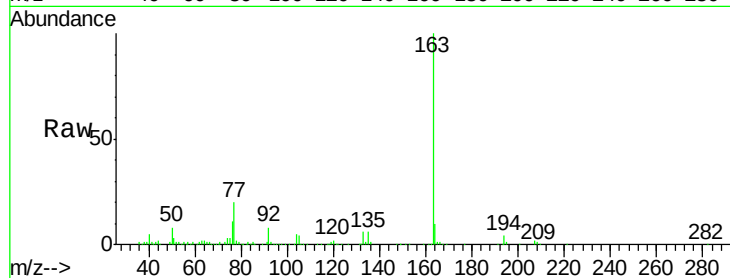




#44
Dimethylphthalate
Concen: 4.32 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BM000997.D
Acq: 14 Apr 2015 23:12

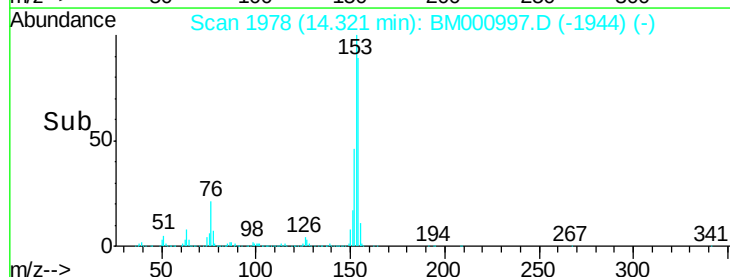
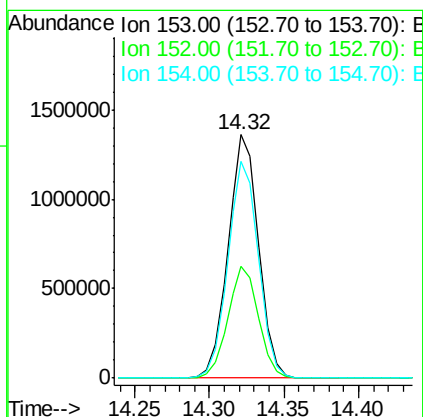
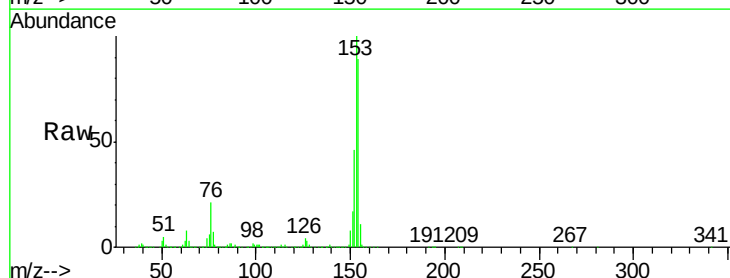
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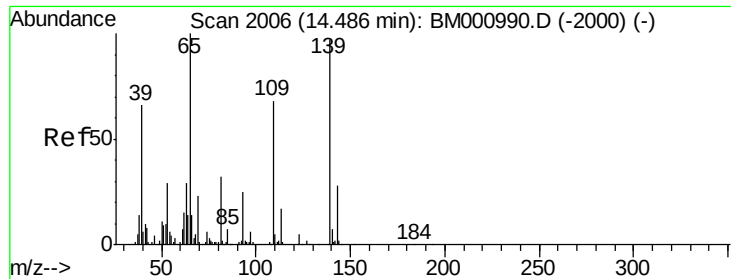
Tgt Ion:163 Resp: 304388
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.5 8.6 12.8



#49
Acenaphthene
Concen: 29.63 ng/ul
RT: 14.32 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM000997.D
Acq: 14 Apr 2015 23:12

Tgt Ion:153 Resp: 1940561
Ion Ratio Lower Upper
153 100
152 46.1 37.2 55.8
154 89.3 72.6 108.8

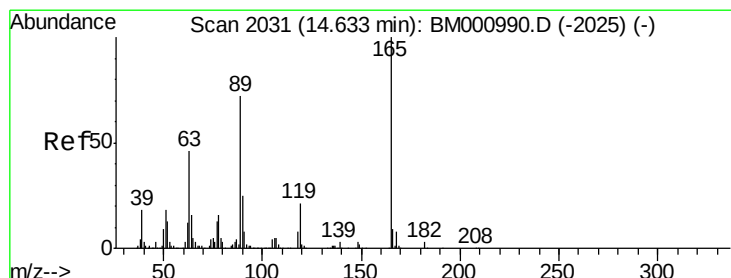
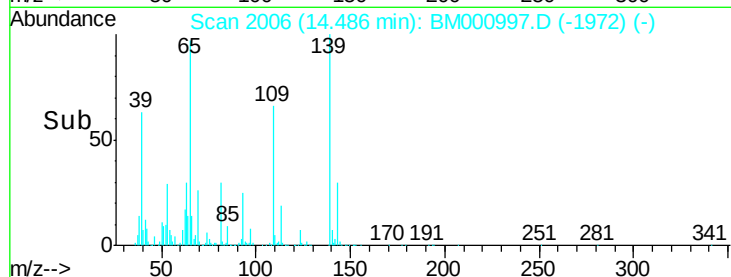
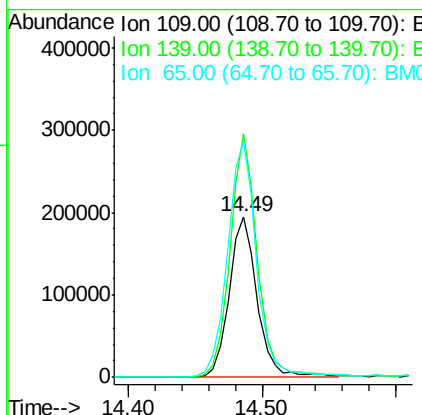
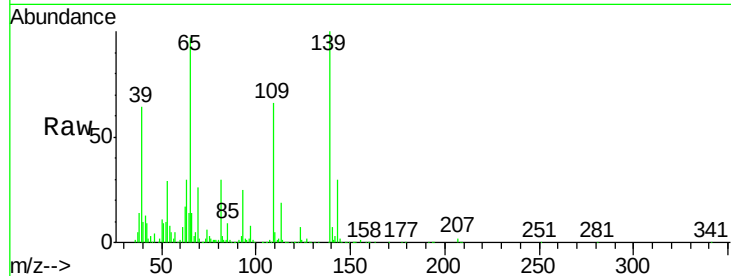




#52
4-Nitrophenol
Concen: 33.72 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BM000997.D
Acq: 14 Apr 2015 23:12

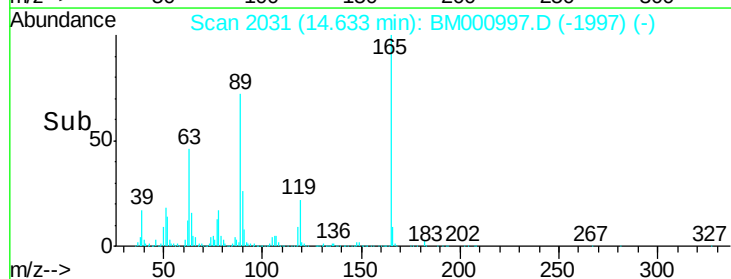
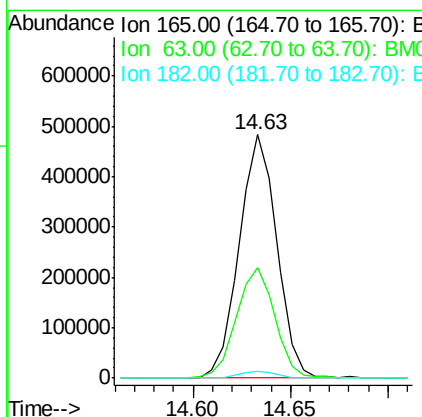
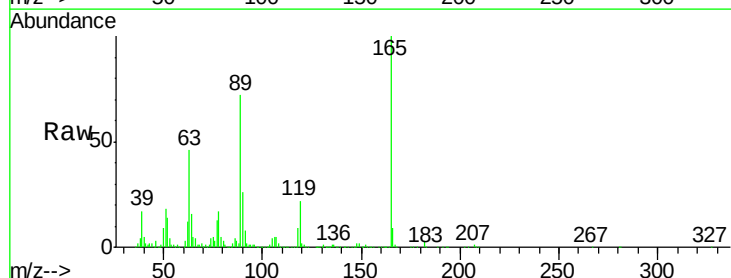
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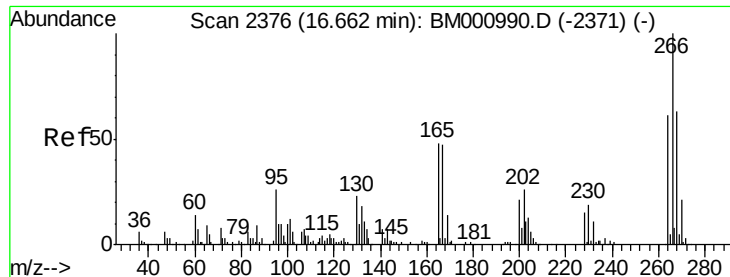
Tgt Ion	Resp	Lower	Upper
109	285750		
109	100		
139	151.4	111.0	166.6
65	146.7	116.8	175.2



#54
2,4-Dinitrotoluene
Concen: 32.88 ng/ul
RT: 14.63 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM000997.D
Acq: 14 Apr 2015 23:12

Tgt Ion	Resp	Lower	Upper
165	642415		
165	100		
63	45.6	36.4	54.6
182	2.6	2.1	3.1

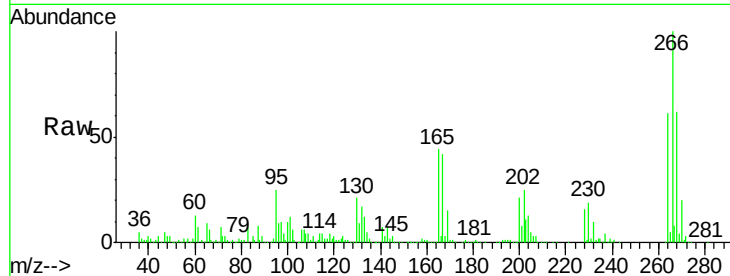




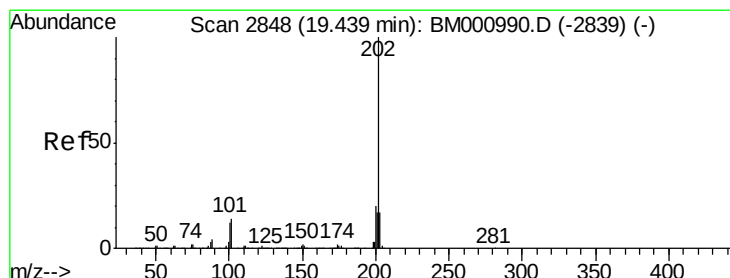
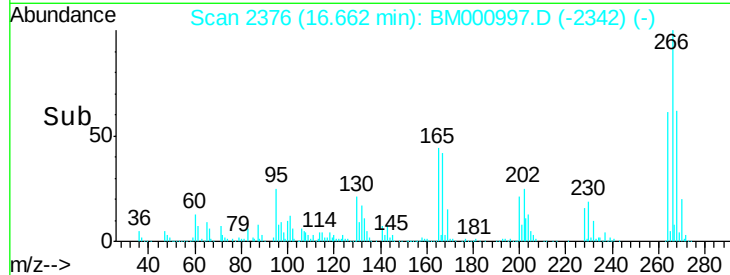
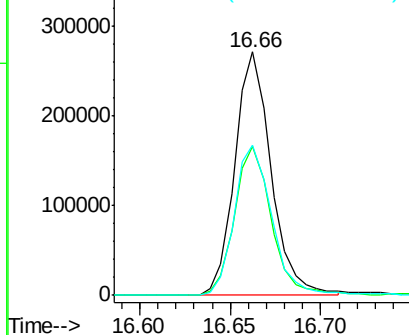
#68
 Pentachlorophenol
 Concen: 34.36 ng/ul
 RT: 16.66 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BM000997.D
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Tgt Ion:266 Resp: 379742
 Ion Ratio Lower Upper
 266 100
 264 61.2 51.0 76.6
 268 61.6 52.5 78.7

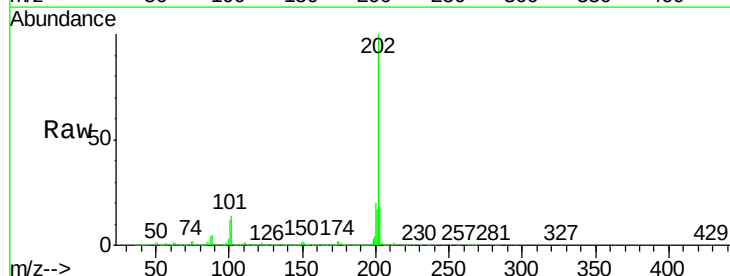


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 32.89 ng/ul
 RT: 19.43 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BM000997.D
 Acq: 14 Apr 2015 23:12

Tgt Ion:202 Resp: 4171980
 Ion Ratio Lower Upper
 202 100
 101 14.3 11.6 17.4
 100 12.0 9.4 14.0



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

