

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000964.D
 Acq On : 14 Apr 2015 00:21
 Operator : TP/IZ
 Sample : G1858-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Apr 14 18:56:45 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 14 08:28:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	150916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	613334	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	335307	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	740538	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	790295	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	760114	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	207235	18.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	133710	18.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	157846	16.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	189637	21.46	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	83400	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	83476	18.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	181033	20.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	259702	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	829863	37.80	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	900003	28.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	105131	27.31	ng/ul	0.00
57) Fluorene-d10	15.26	176	684018	30.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	60840	15.38	ng/ul	0.00
70) Anthracene-d10	17.10	188	1059655	31.32	ng/ul	0.00
76) Pyrene-d10	19.40	212	1120145	31.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	953912	28.69	ng/ul	0.00

Target Compounds

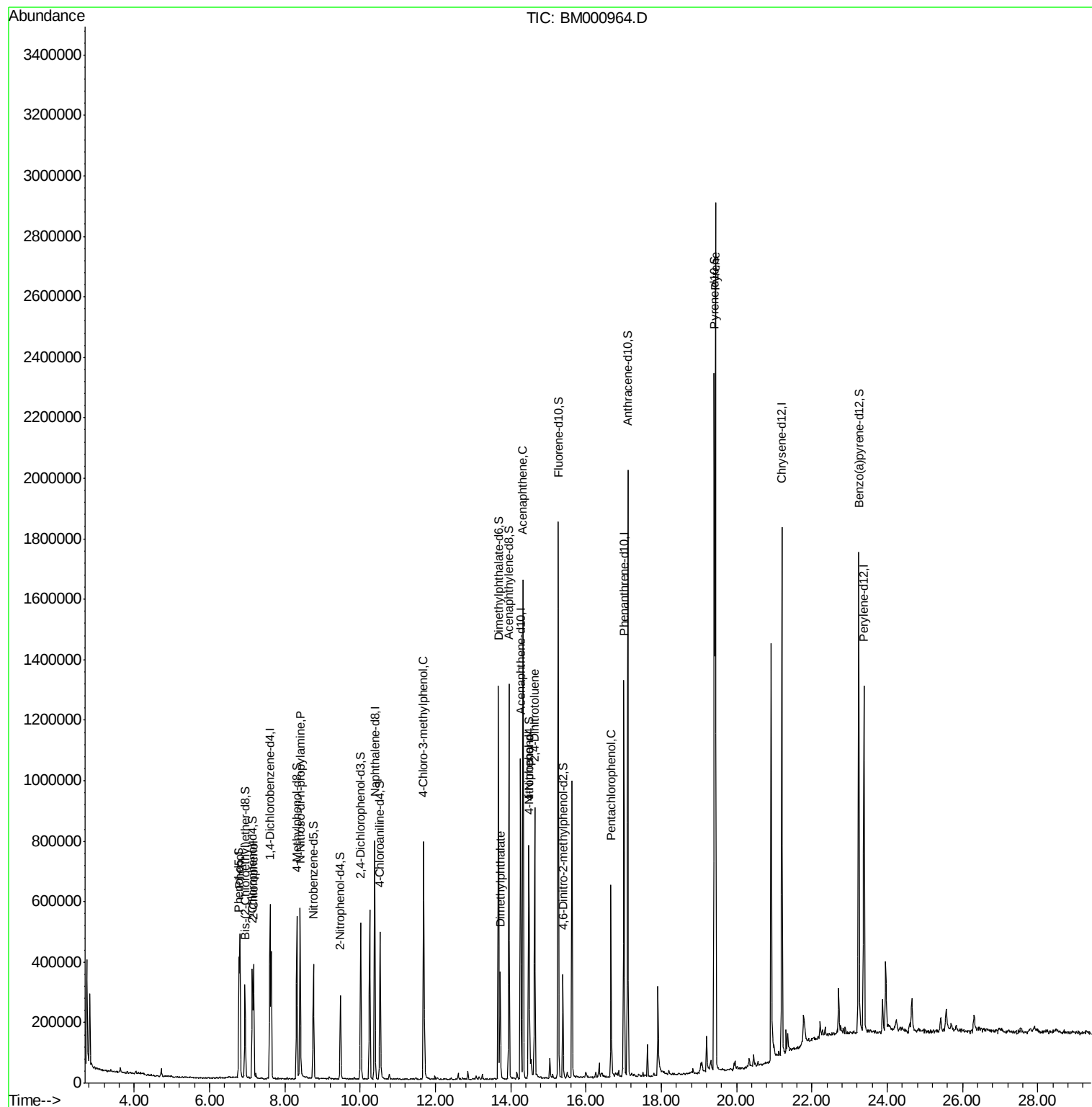
						Qvalue
6) Phenol	6.80	94	234726	19.01	ng/ul	99
10) 2-Chlorophenol	7.17	128	162020	16.02	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	174081	24.35	ng/ul	94
33) 4-Chloro-3-methylphenol	11.68	107	267131	29.33	ng/ul	99
44) Dimethylphthalate	13.72	163	218269	8.68	ng/ul	99
49) Acenaphthene	14.32	153	642032	27.50	ng/ul	99
52) 4-Nitrophenol	14.49	109	95236	31.53	ng/ul	97
54) 2,4-Dinitrotoluene	14.63	165	220000	31.58	ng/ul	96
68) Pentachlorophenol	16.66	266	99183	24.20	ng/ul	98
77) Pyrene	19.43	202	1538252	30.51	ng/ul	99

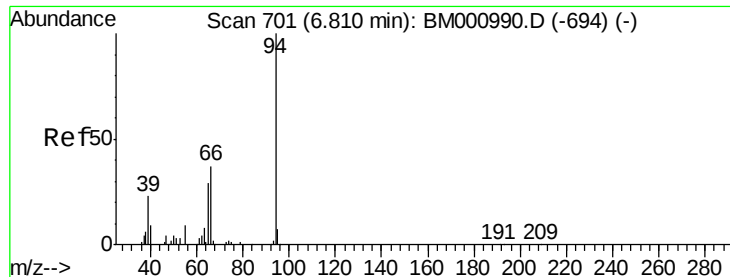
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 19.01 ng/ul

RT: 6.80 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM000964.D

Acq: 14 Apr 2015 00:21

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MSD

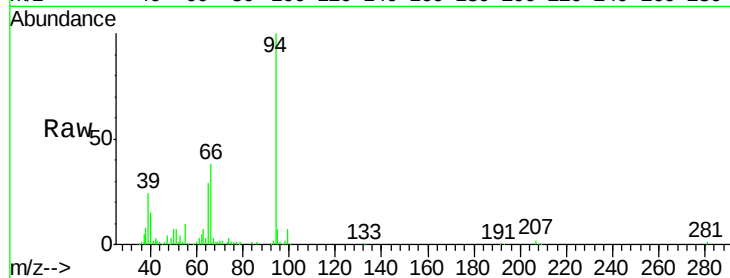
Tgt Ion: 94 Resp: 234726

Ion Ratio Lower Upper

94 100

65 28.7 23.5 35.3

66 37.8 30.6 45.8



Abundance Ion 94.00 (93.70 to 94.70): BM000990.D (-694) (-)

Ion 65.00 (64.70 to 65.70): BM000990.D (-694) (-)

Ion 66.00 (65.70 to 66.70): BM000990.D (-694) (-)

200000

150000

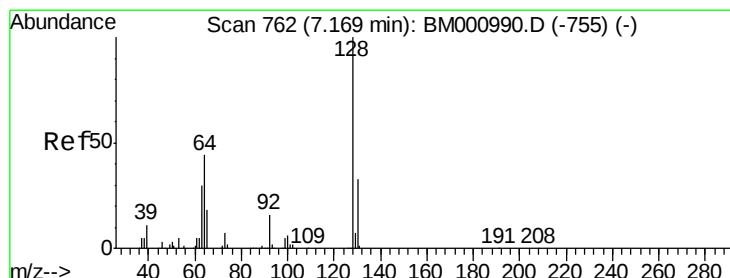
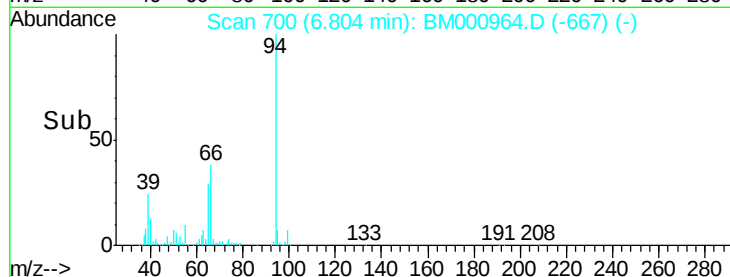
100000

50000

0

6.75 6.80 6.85

Time-->



#10

2-Chlorophenol

Concen: 16.02 ng/ul

RT: 7.17 min Scan# 762

Delta R.T. 0.00 min

Lab File: BM000964.D

Acq: 14 Apr 2015 00:21

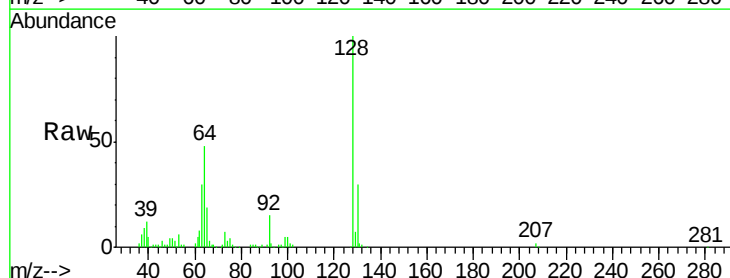
Tgt Ion: 128 Resp: 162020

Ion Ratio Lower Upper

128 100

64 48.0 40.0 60.0

130 30.3 25.0 37.6



Abundance Ion 128.00 (127.70 to 128.70): BM000990.D (-755) (-)

Ion 64.00 (63.70 to 64.70): BM000990.D (-755) (-)

Ion 130.00 (129.70 to 130.70): BM000990.D (-755) (-)

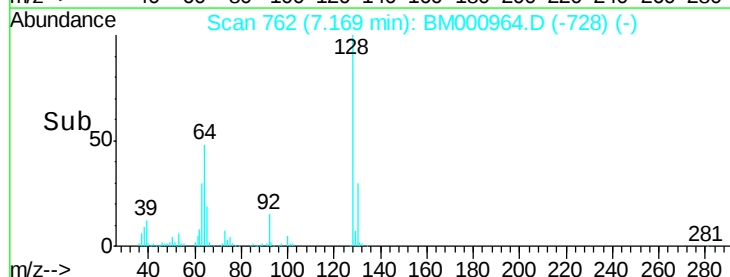
100000

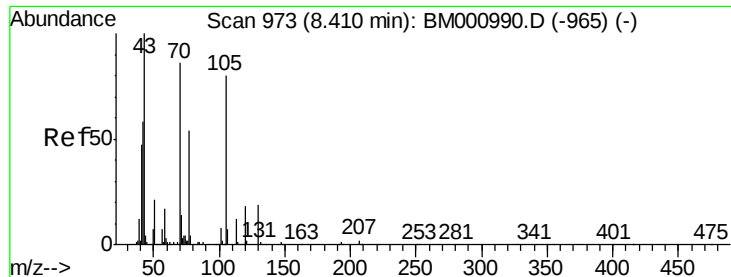
50000

0

7.10 7.15 7.20 7.25

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 24.35 ng/ul

RT: 8.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BM000964.D

Acq: 14 Apr 2015 00:21

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MSD

Tgt Ion: 70 Resp: 174081

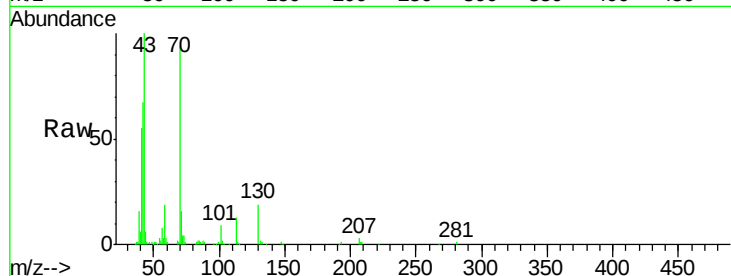
Ion Ratio Lower Upper

70 100

42 71.1 52.1 78.1

101 9.8 8.2 12.2

130 20.6 18.2 27.2

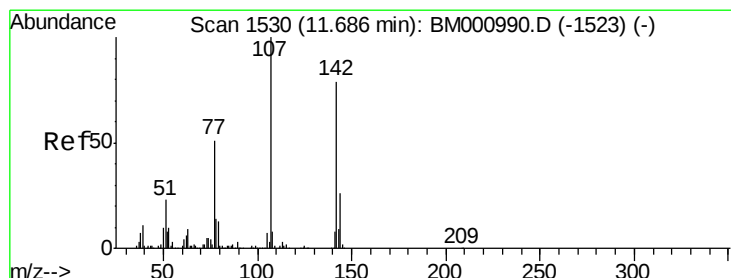
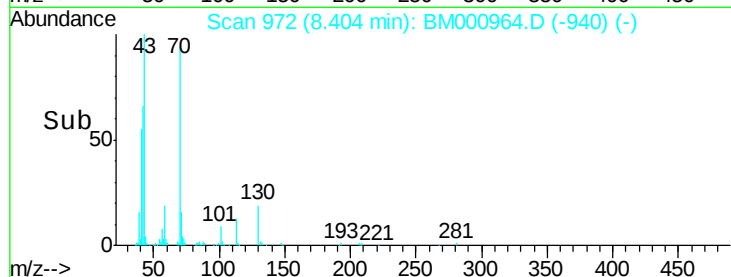
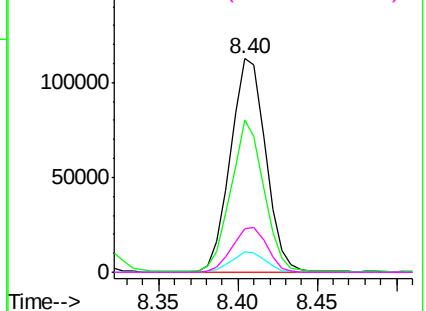


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#33

4-Chloro-3-methylphenol

Concen: 29.33 ng/ul

RT: 11.68 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BM000964.D

Acq: 14 Apr 2015 00:21

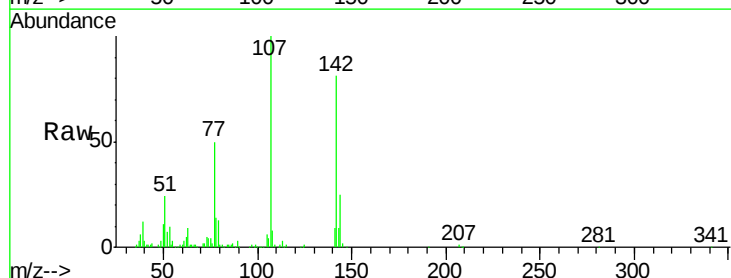
Tgt Ion: 107 Resp: 267131

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

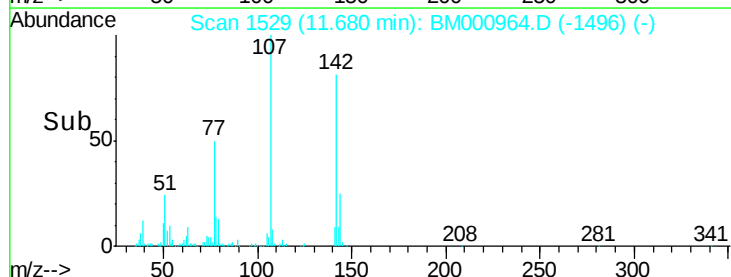
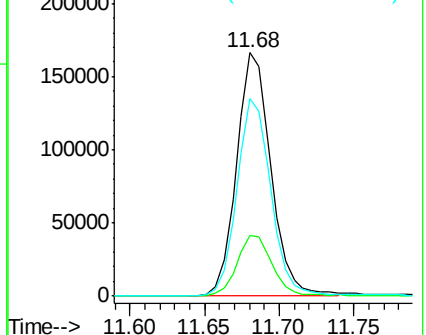
142 81.1 64.8 97.2

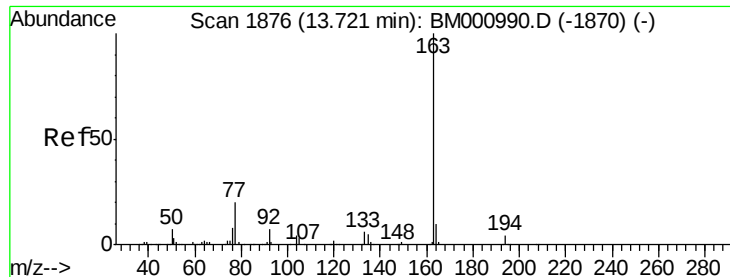


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 8.68 ng/ul

RT: 13.72 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BM000964.D

Acq: 14 Apr 2015 00:21

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MSD

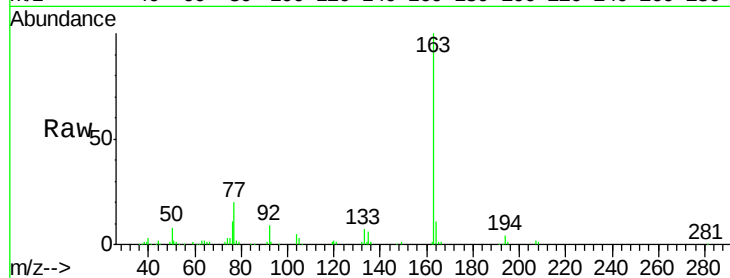
Tgt Ion:163 Resp: 218269

Ion Ratio Lower Upper

163 100

194 3.5 3.3 4.9

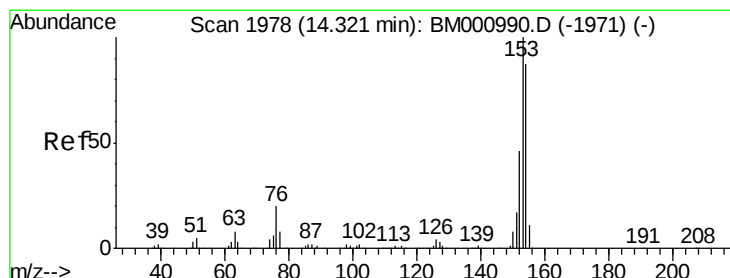
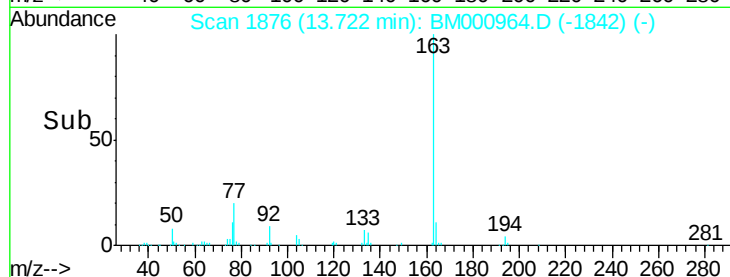
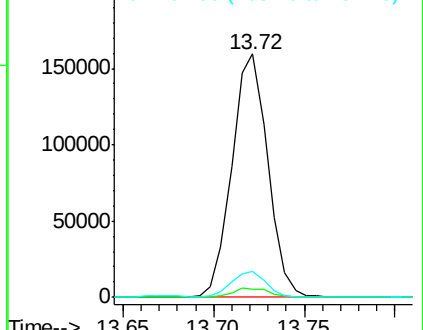
164 10.7 8.6 12.8



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: 27.50 ng/ul

RT: 14.32 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM000964.D

Acq: 14 Apr 2015 00:21

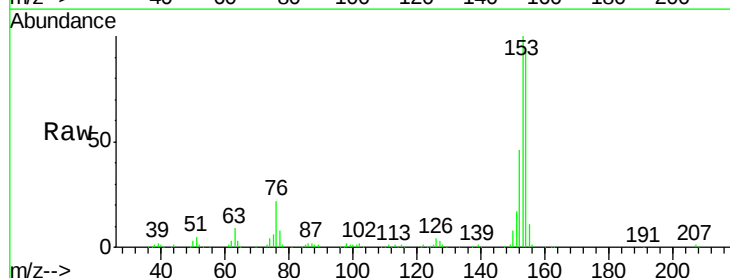
Tgt Ion:153 Resp: 642032

Ion Ratio Lower Upper

153 100

152 46.3 37.2 55.8

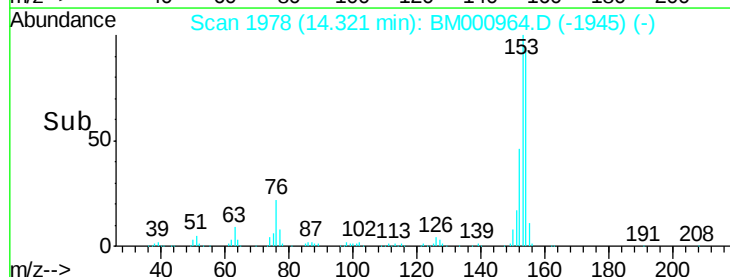
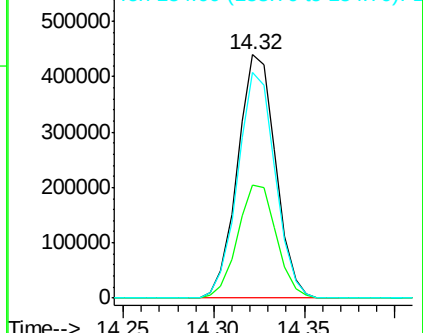
154 92.5 72.6 108.8

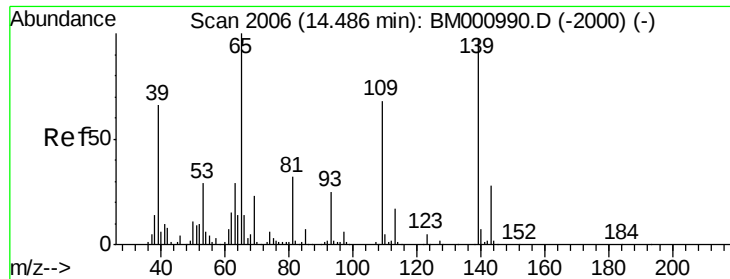


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

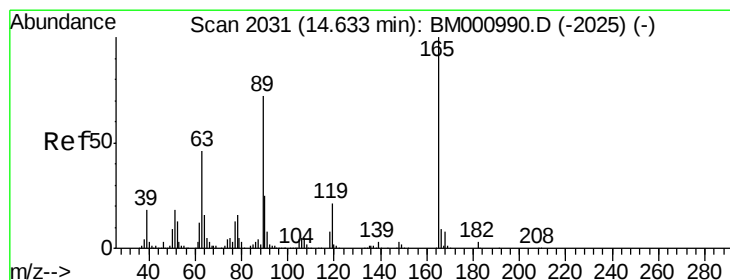
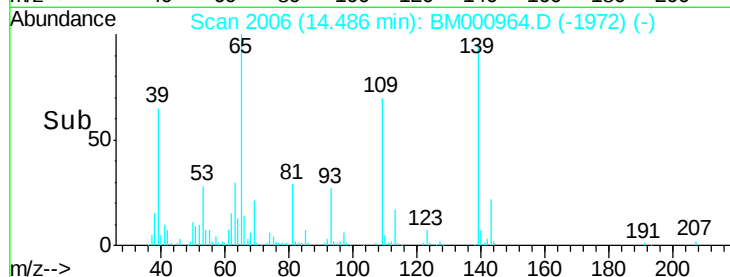
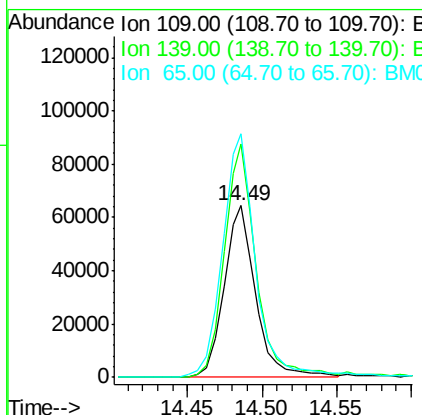
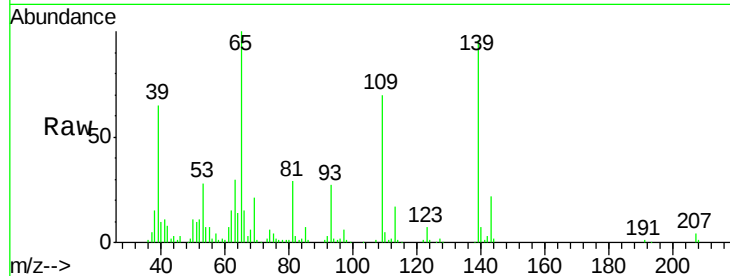




#52
4-Nitrophenol
Concen: 31.53 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BM000964.D
Acq: 14 Apr 2015 00:21

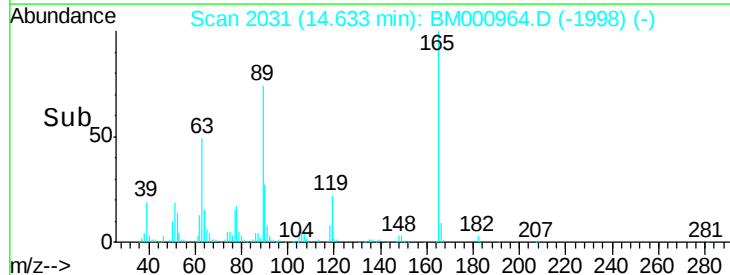
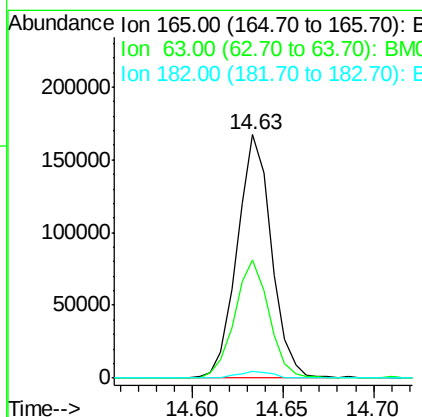
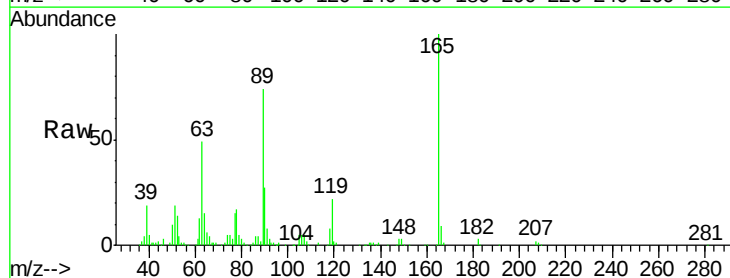
Instrument :
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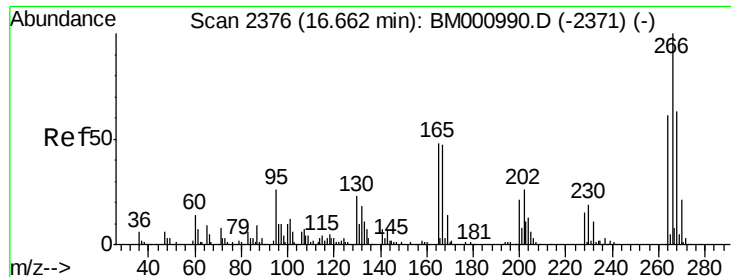
Tgt Ion:109 Resp: 95236
Ion Ratio Lower Upper
109 100
139 136.4 111.0 166.6
65 142.0 116.8 175.2



#54
2,4-Dinitrotoluene
Concen: 31.58 ng/ul
RT: 14.63 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BM000964.D
Acq: 14 Apr 2015 00:21

Tgt Ion:165 Resp: 220000
Ion Ratio Lower Upper
165 100
63 48.6 36.4 54.6
182 2.6 2.1 3.1





#68

Pentachlorophenol

Concen: 24.20 ng/ul

RT: 16.66 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BM000964.D

Acq: 14 Apr 2015 00:21

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MSD

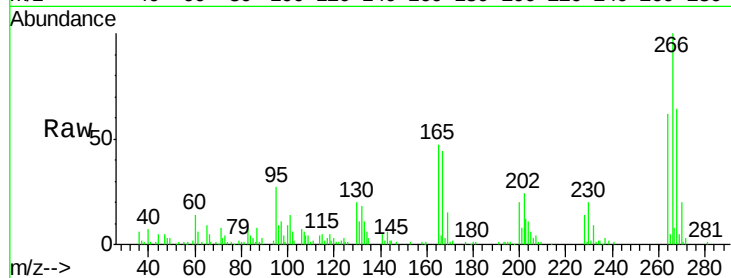
Tgt Ion:266 Resp: 99183

Ion Ratio Lower Upper

266 100

264 62.3 51.0 76.6

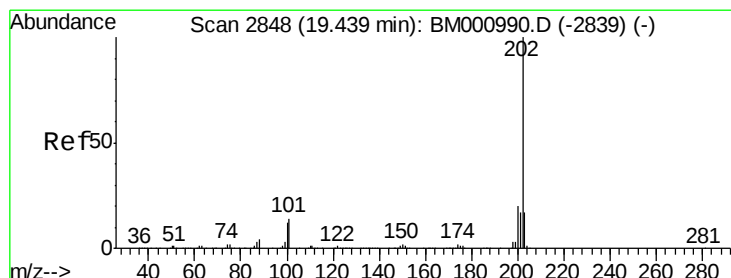
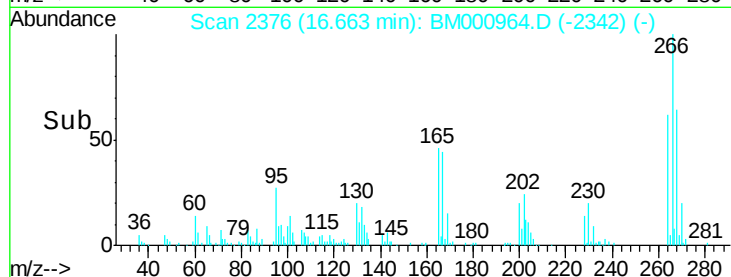
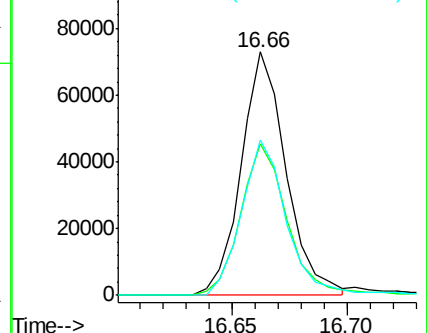
268 63.7 52.5 78.7



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: 30.51 ng/ul

RT: 19.43 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BM000964.D

Acq: 14 Apr 2015 00:21

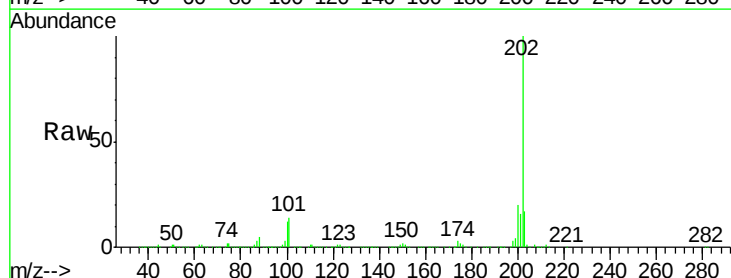
Tgt Ion:202 Resp: 1538252

Ion Ratio Lower Upper

202 100

101 14.0 11.6 17.4

100 11.8 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

