

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM000963.D
 Acq On : 13 Apr 2015 23:45
 Operator : TP/IZ
 Sample : G1858-09MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 14 18:55:20 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	178465	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	733679	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	411029	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	886862	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	943279	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	889990	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	278179	20.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	189674	22.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	212198	19.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	263316	25.19	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	122547	25.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	128677	24.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	247103	23.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	334621	26.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	965036	35.86	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1184143	30.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	127051	26.93	ng/ul	0.00
57) Fluorene-d10	15.26	176	860881	31.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	104458	22.04	ng/ul	0.00
70) Anthracene-d10	17.10	188	1287893	31.79	ng/ul	0.00
76) Pyrene-d10	19.40	212	1402123	32.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1373535	35.28	ng/ul	0.00

Target Compounds

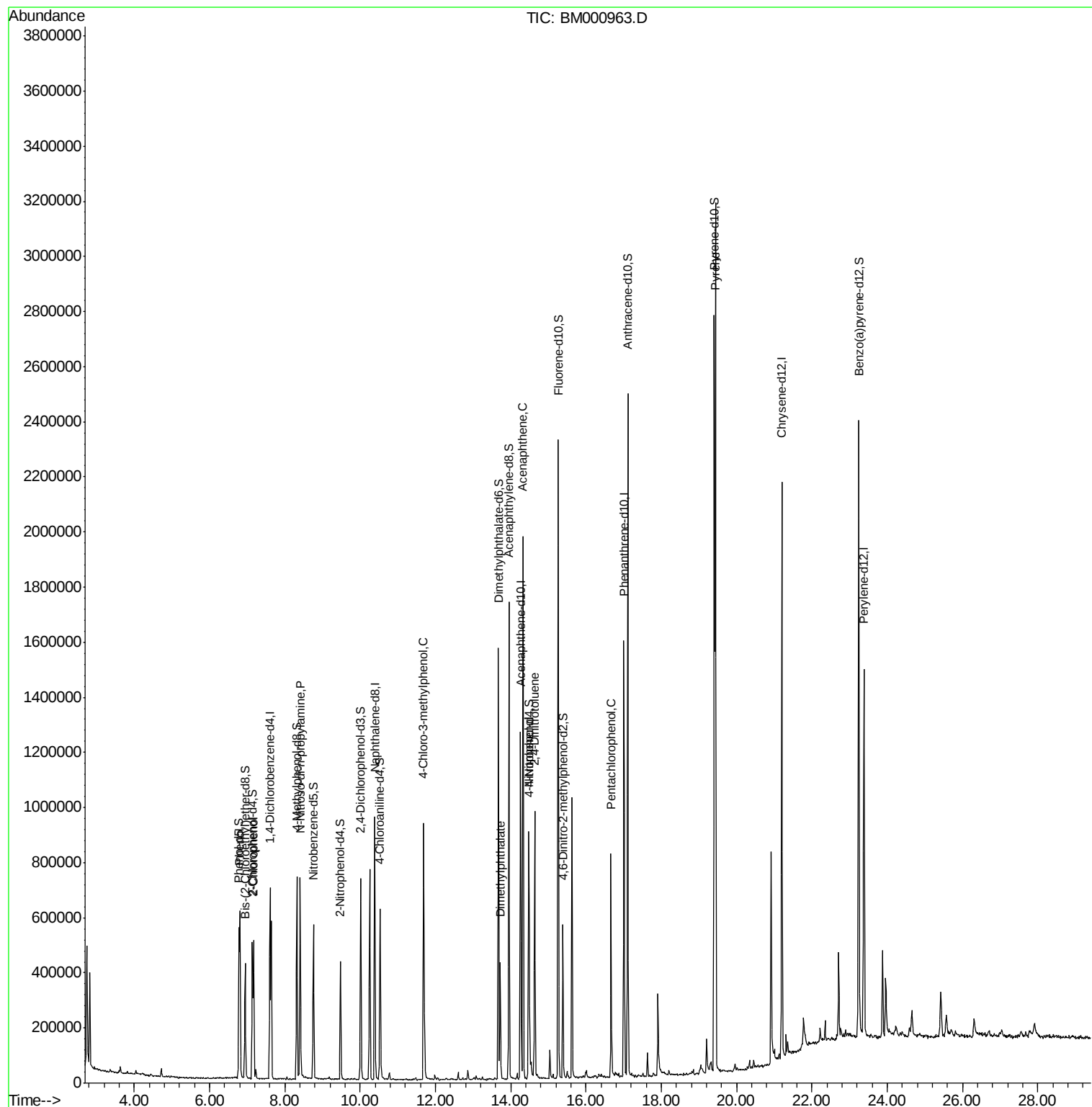
						Qvalue
6) Phenol	6.80	94	299915	20.54	ng/ul	99
10) 2-Chlorophenol	7.17	128	211667	17.70	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	230381	27.25	ng/ul	97
33) 4-Chloro-3-methylphenol	11.68	107	320214	29.39	ng/ul	99
44) Dimethylphthalate	13.72	163	249514	8.09	ng/ul	97
49) Acenaphthene	14.32	153	796053	27.81	ng/ul	98
52) 4-Nitrophenol	14.49	109	109178	29.48	ng/ul	95
54) 2,4-Dinitrotoluene	14.63	165	248447	29.09	ng/ul	100
68) Pentachlorophenol	16.66	266	129314	26.34	ng/ul	97
77) Pyrene	19.43	202	1754926	29.16	ng/ul	99

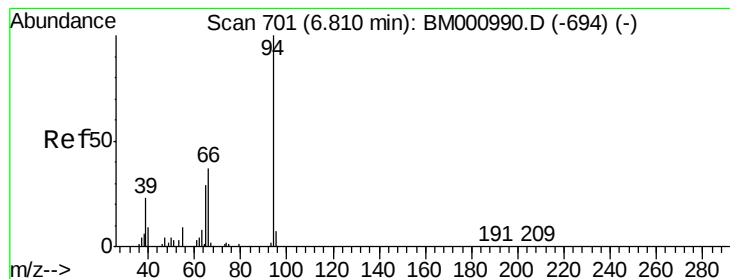
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 20.54 ng/ul

RT: 6.80 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM000963.D

Acq: 13 Apr 2015 23:45

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MS

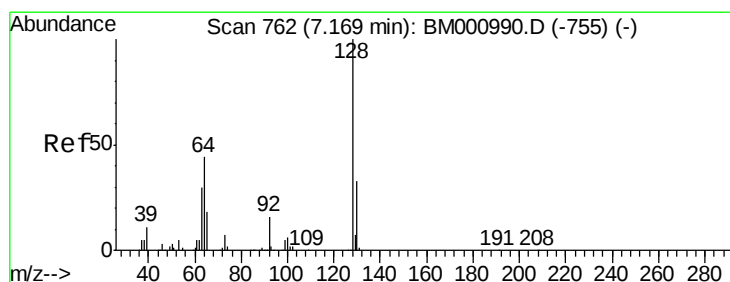
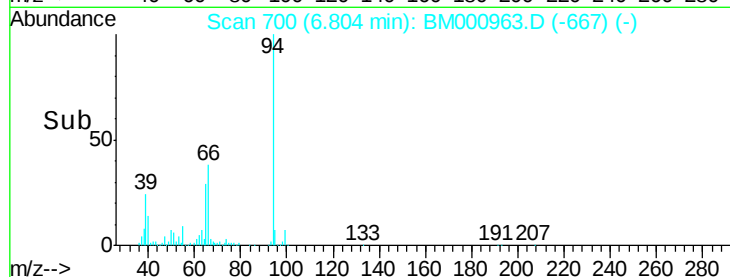
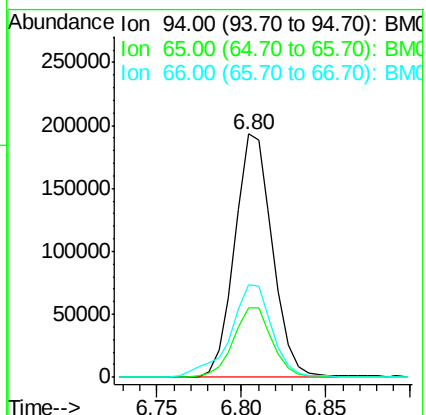
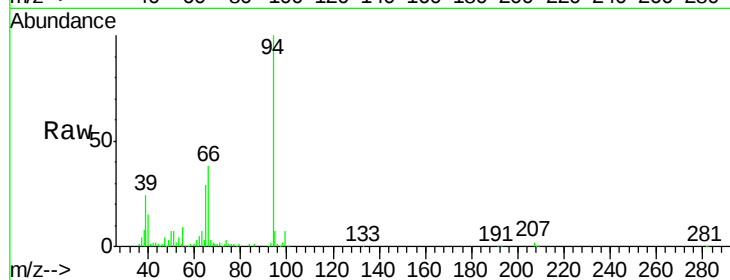
Tgt Ion: 94 Resp: 299915

Ion Ratio Lower Upper

94 100

65 28.7 23.5 35.3

66 37.9 30.6 45.8



#10

2-Chlorophenol

Concen: 17.70 ng/ul

RT: 7.17 min Scan# 762

Delta R.T. -0.00 min

Lab File: BM000963.D

Acq: 13 Apr 2015 23:45

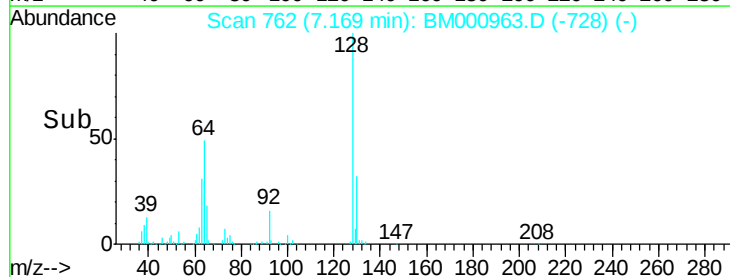
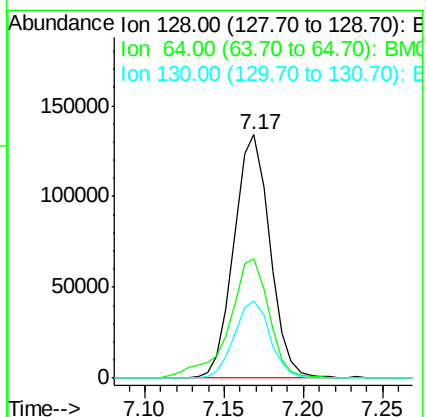
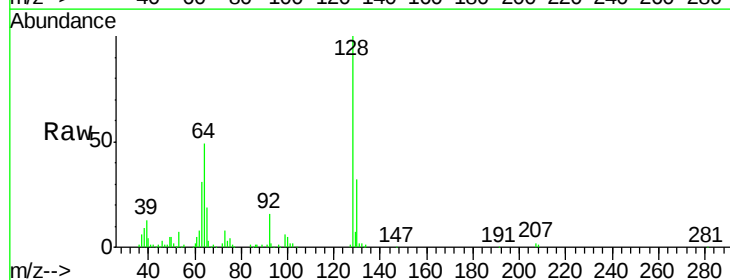
Tgt Ion: 128 Resp: 211667

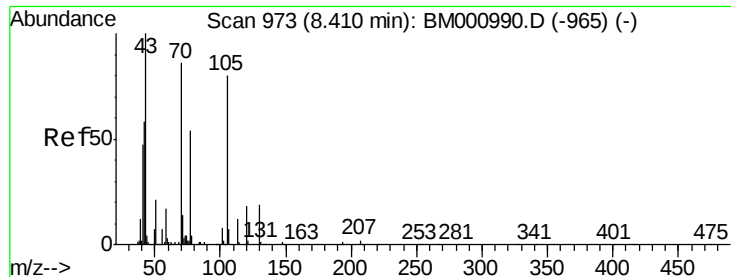
Ion Ratio Lower Upper

128 100

64 48.9 40.0 60.0

130 31.5 25.0 37.6





#15

N-Nitroso-di-n-propylamine

Concen: 27.25 ng/ul

RT: 8.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BM000963.D

Acq: 13 Apr 2015 23:45

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MS

Tgt Ion: 70 Resp: 230381

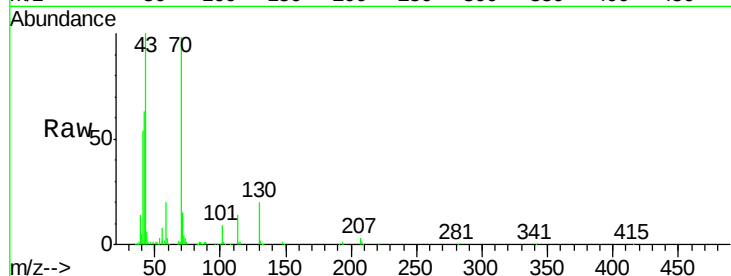
Ion Ratio Lower Upper

70 100

42 63.8 52.1 78.1

101 8.9 8.2 12.2

130 19.9 18.2 27.2

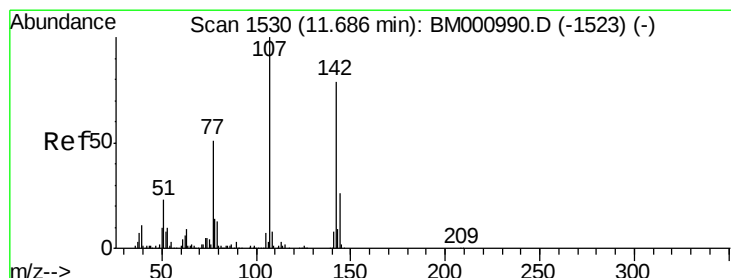
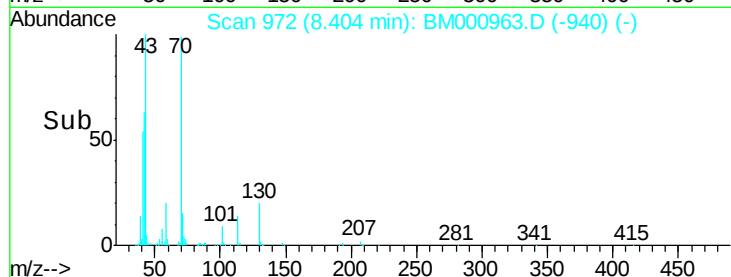
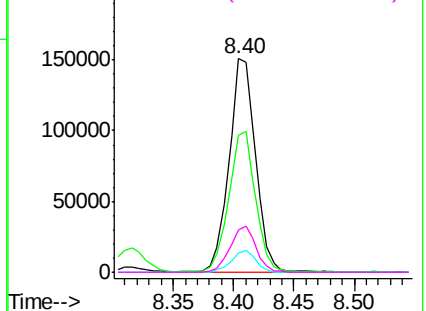


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 29.39 ng/ul

RT: 11.68 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BM000963.D

Acq: 13 Apr 2015 23:45

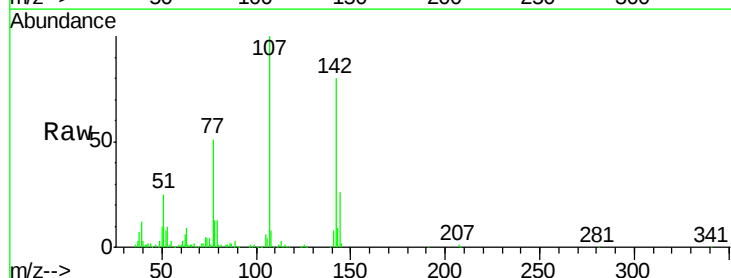
Tgt Ion: 107 Resp: 320214

Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

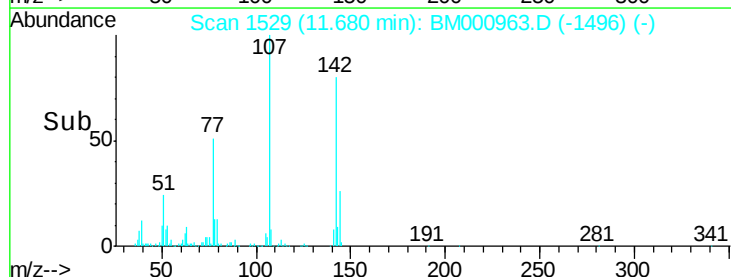
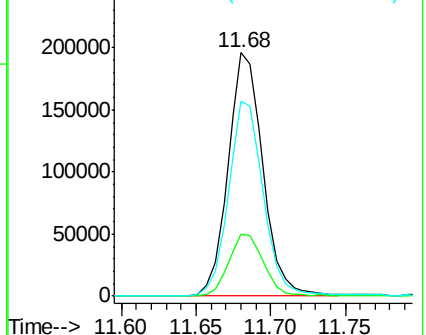
142 80.0 64.8 97.2

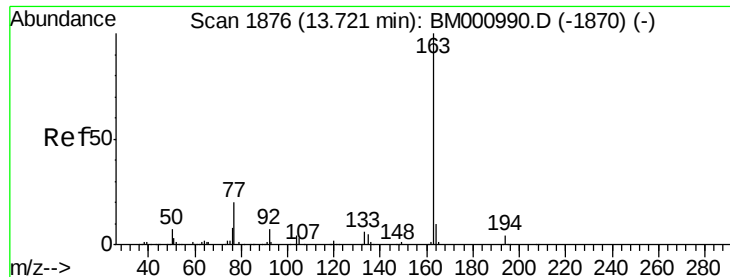


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 8.09 ng/ul

RT: 13.72 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BM000963.D

Acq: 13 Apr 2015 23:45

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MS

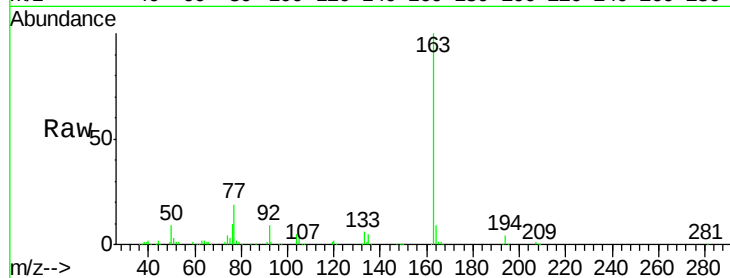
Tgt Ion:163 Resp: 249514

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

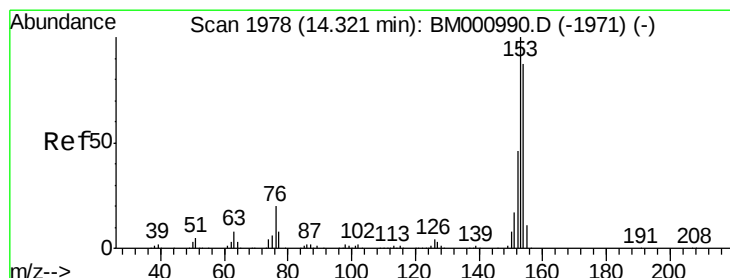
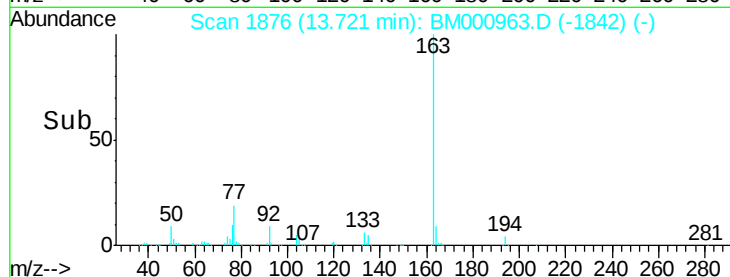
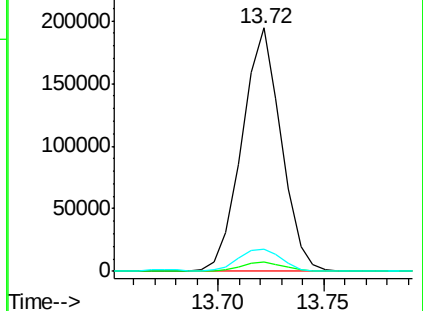
164 9.2 8.6 12.8



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: 27.81 ng/ul

RT: 14.32 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM000963.D

Acq: 13 Apr 2015 23:45

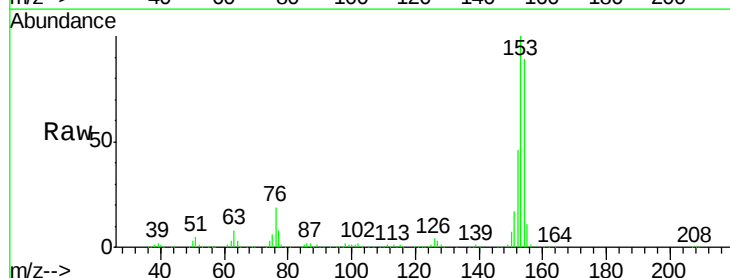
Tgt Ion:153 Resp: 796053

Ion Ratio Lower Upper

153 100

152 45.5 37.2 55.8

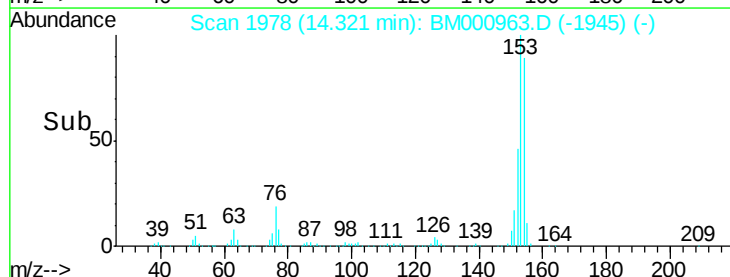
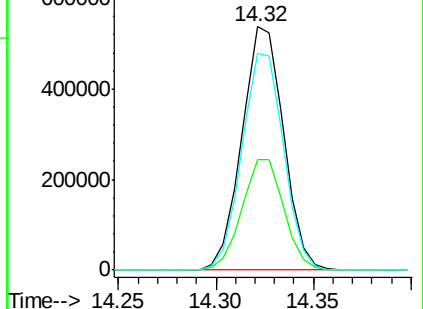
154 88.9 72.6 108.8

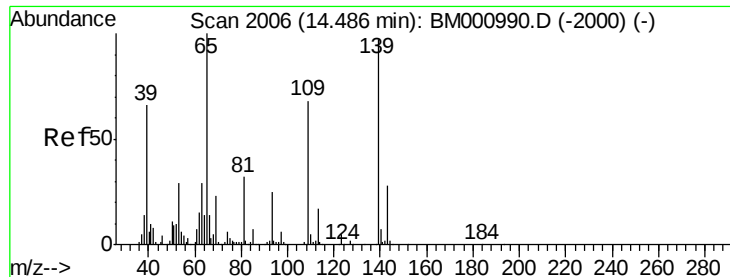


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

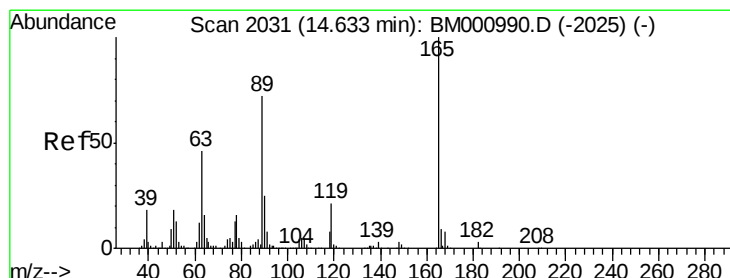
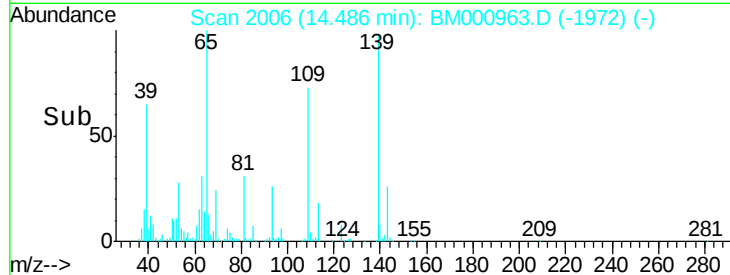
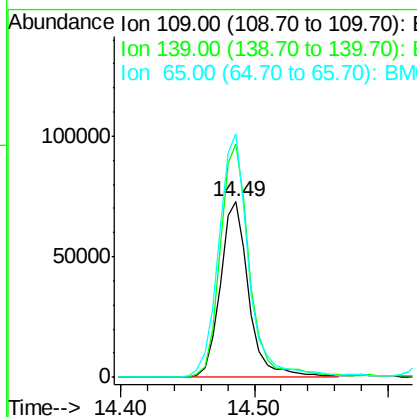
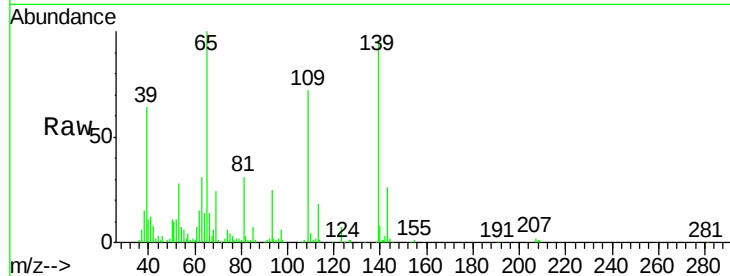




#52
4-Nitrophenol
Concen: 29.48 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BM000963.D
Acq: 13 Apr 2015 23:45

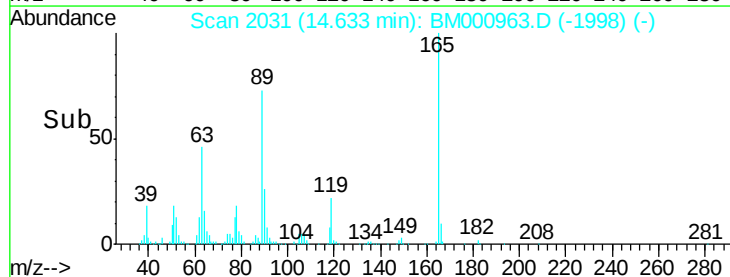
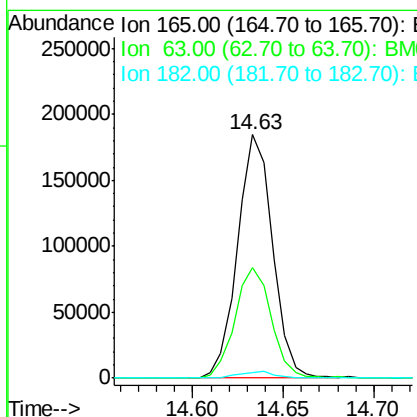
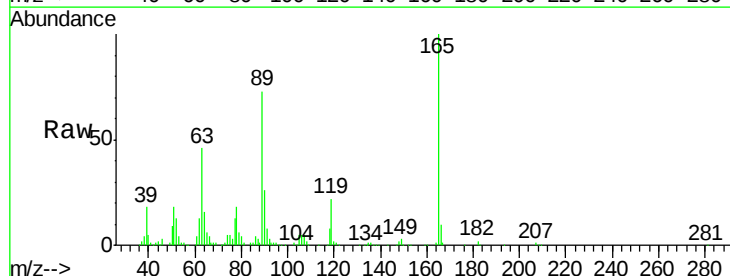
Instrument :
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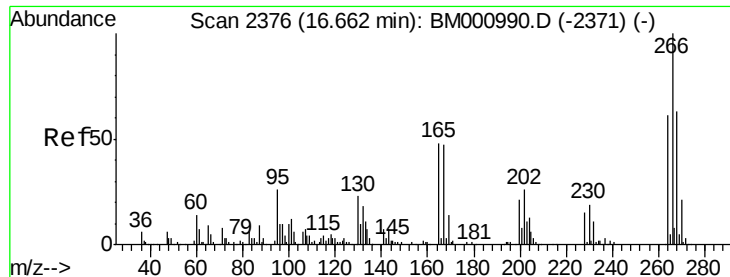
Tgt Ion:109 Resp: 109178
Ion Ratio Lower Upper
109 100
139 133.1 111.0 166.6
65 138.9 116.8 175.2



#54
2,4-Dinitrotoluene
Concen: 29.09 ng/ul
RT: 14.63 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BM000963.D
Acq: 13 Apr 2015 23:45

Tgt Ion:165 Resp: 248447
Ion Ratio Lower Upper
165 100
63 45.6 36.4 54.6
182 2.3 2.1 3.1





#68

Pentachlorophenol

Concen: 26.34 ng/ul

RT: 16.66 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BM000963.D

Acq: 13 Apr 2015 23:45

Instrument :

BNA_M

ClientSampleId :

P001-SD008-0006-01MS

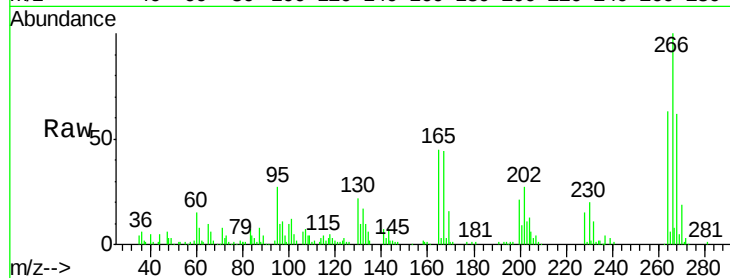
Tgt Ion:266 Resp: 129314

Ion Ratio Lower Upper

266 100

264 63.1 51.0 76.6

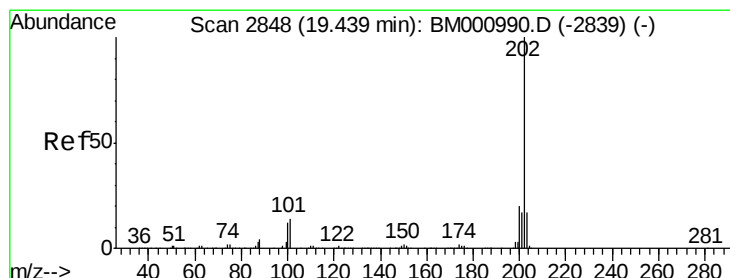
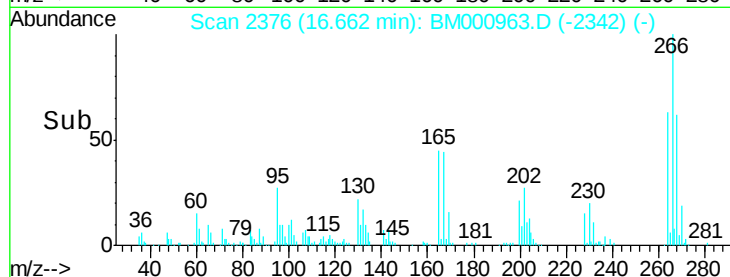
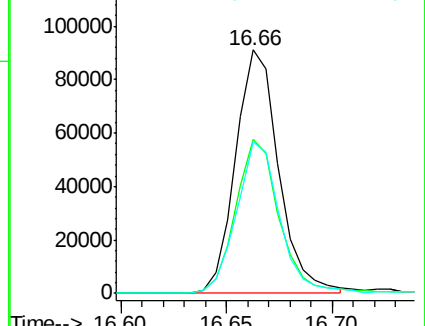
268 62.3 52.5 78.7



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: 29.16 ng/ul

RT: 19.43 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BM000963.D

Acq: 13 Apr 2015 23:45

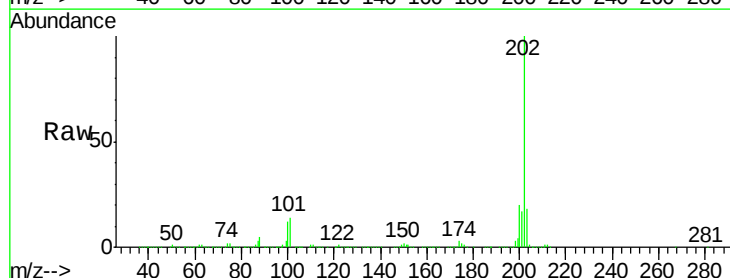
Tgt Ion:202 Resp: 1754926

Ion Ratio Lower Upper

202 100

101 14.2 11.6 17.4

100 12.1 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

