Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM000975.D
Acq On : 14 Apr 2015 07:30
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 15:36:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 14 08:59:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	180624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	741074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	413777	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	870002	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	880134	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	851855	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	408935	30.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	251348	29.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	310913	27.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	347878	32.89	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	170739	34.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	184709	34.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	340883	32.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	414920	32.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1180168	43.56	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1422645	36.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	185128	38.98	ng/ul	0.00
57) Fluorene-d10	15.26	176	985110	35.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	138246	29.74	ng/ul	0.00
70) Anthracene-d10	17.10	188	1454545	36.60	ng/ul	0.00
76) Pyrene-d10	19.40	212	1474537	37.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1132287	30.38	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.81	94	408004	27.61	ng/ul	97
10) 2-Chlorophenol	7.16	128	265958	21.97	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	249208	29.12	ng/ul	99
33) 4-Chloro-3-methylphenol	11.68	107	363830	33.06	ng/ul	99
44) Dimethylphthalate	13.72	163	135081	4.35	ng/ul	98
49) Acenaphthene	14.32	153	838415	29.10	ng/ul	99
52) 4-Nitrophenol	14.49	109	123837	33.22	ng/ul	94
54) 2,4-Dinitrotoluene	14.63	165	281342	32.73	ng/ul	99
68) Pentachlorophenol	16.66	266	161306	33.50	ng/ul	96
77) Pyrene	19.43	202	1833552	32.66	ng/ul	98

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

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P001-SS003-0006-01MS

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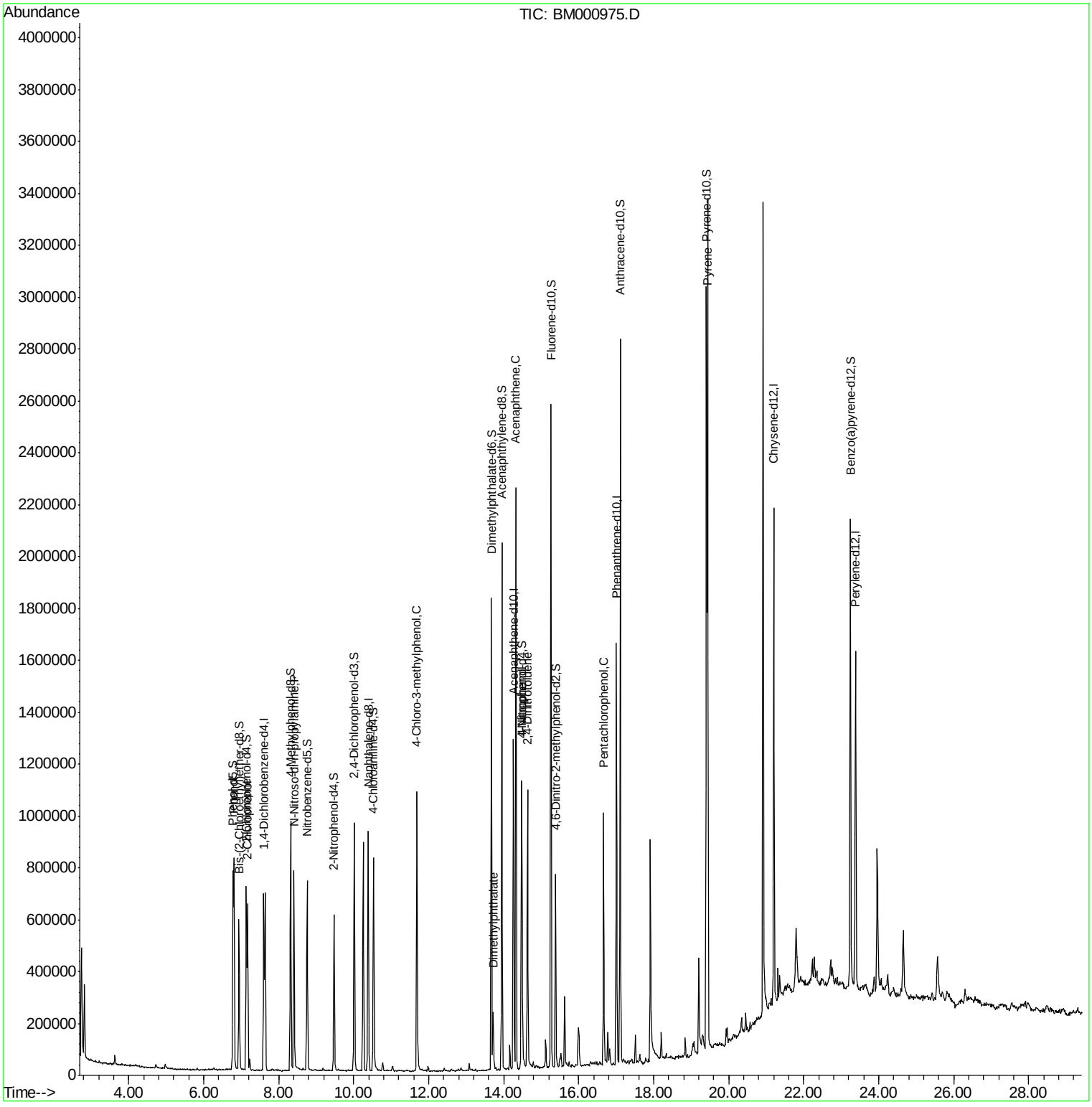
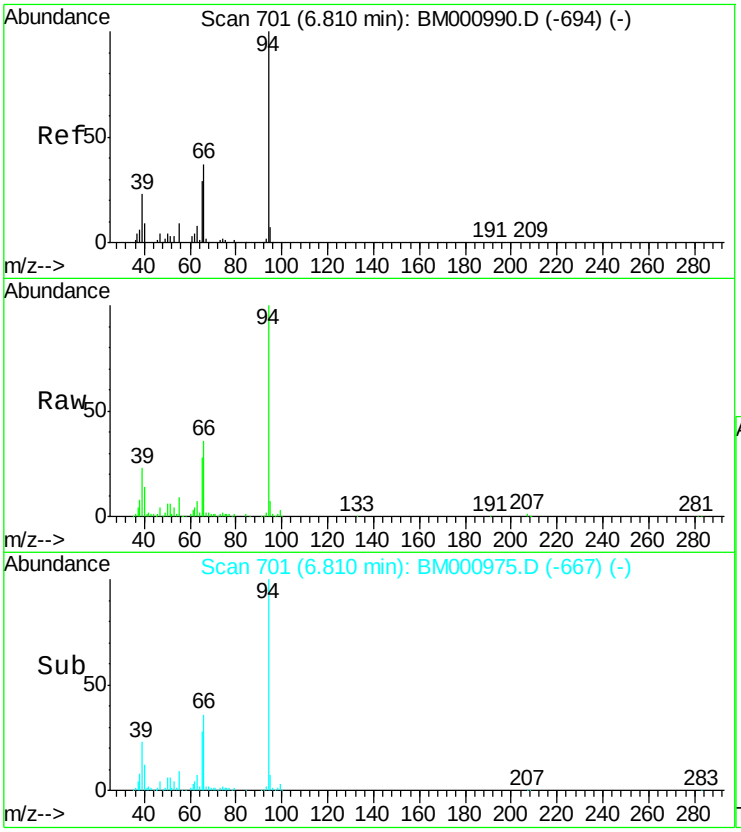


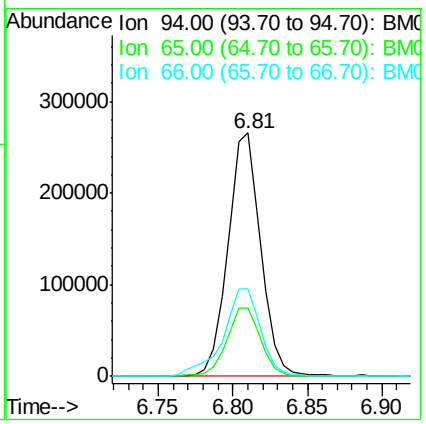


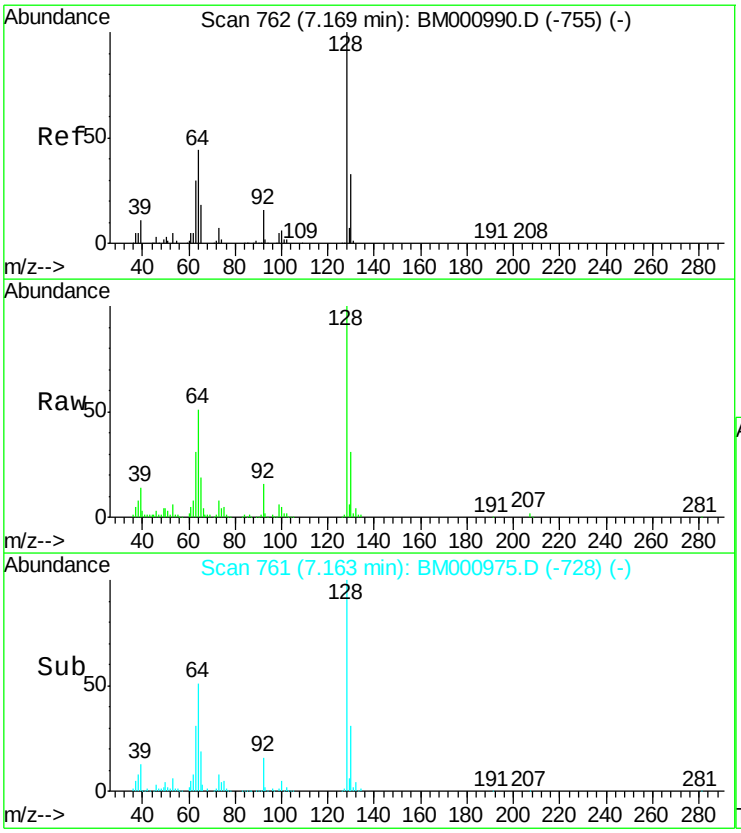
#6
Phenol
Concen: 27.61 ng/ul
RT: 6.81 min Scan# 701
Delta R.T. 0.00 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

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

Tgt Ion: 94 Resp: 408004

Ion	Ratio	Lower	Upper
94	100		
65	28.2	23.5	35.3
66	35.7	30.6	45.8

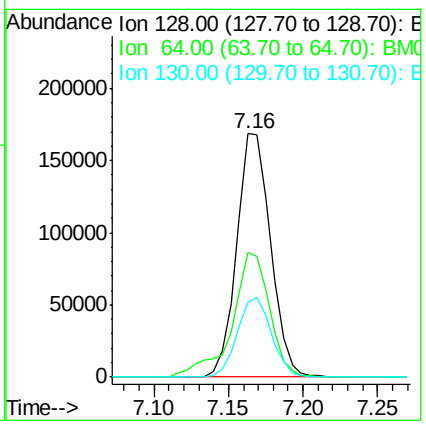


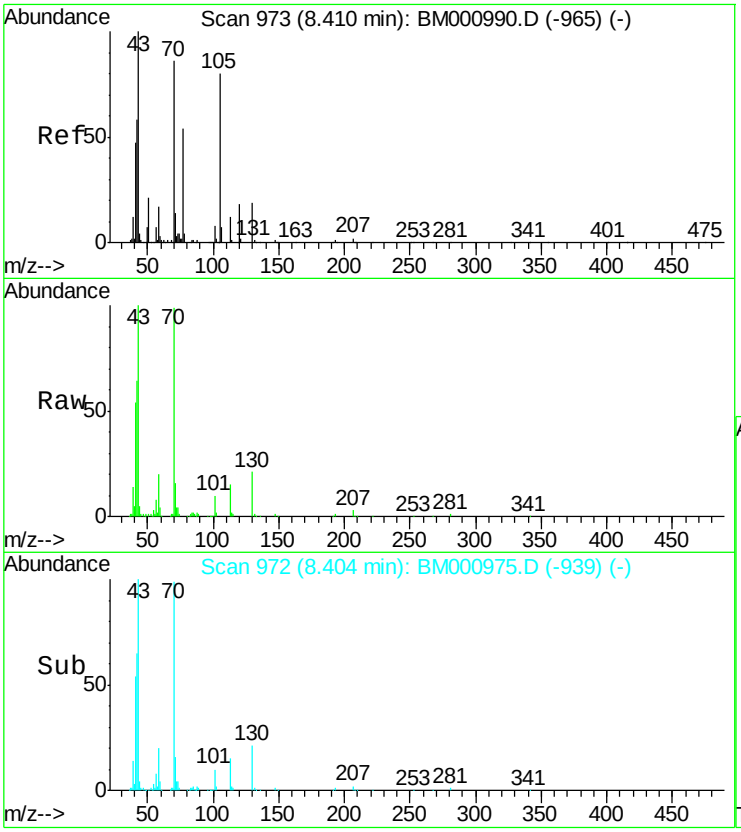


#10
2-Chlorophenol
Concen: 21.97 ng/ul
RT: 7.16 min Scan# 761
Delta R.T. -0.01 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

Tgt Ion:128 Resp: 265958

Ion	Ratio	Lower	Upper
128	100		
64	51.2	40.0	60.0
130	30.5	25.0	37.6



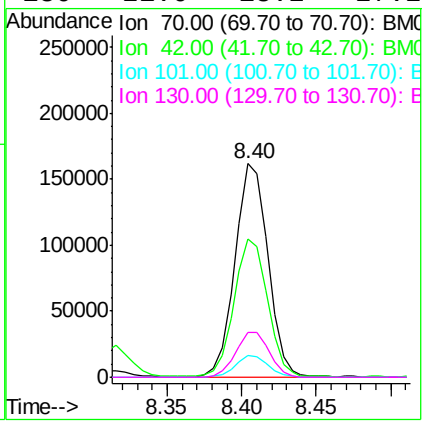


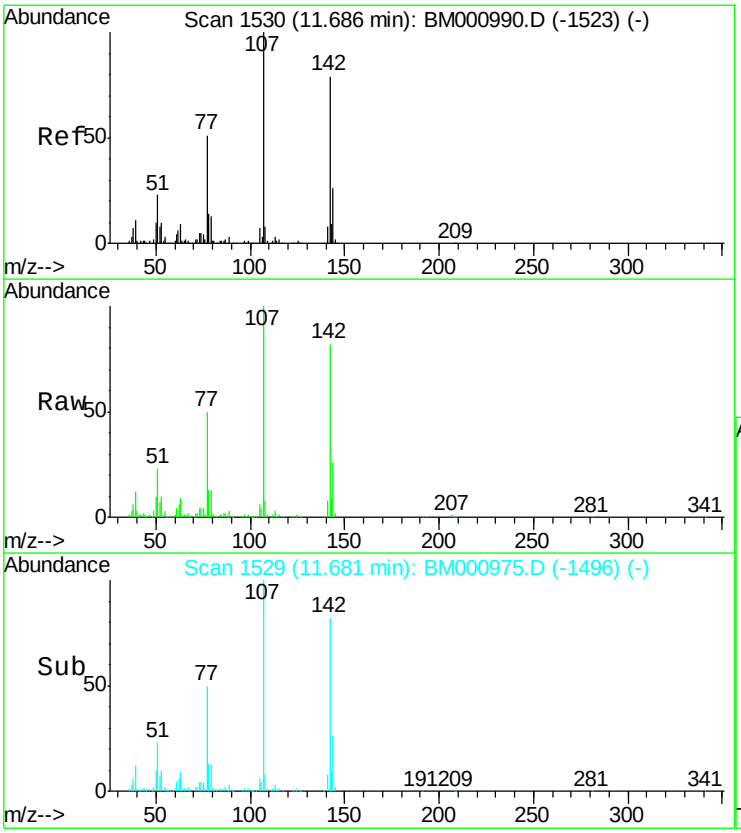
#15
N-Nitroso-di-n-propylamine
Concen: 29.12 ng/ul
RT: 8.40 min Scan# 972
Delta R.T. -0.01 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

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

Tgt Ion: 70 Resp: 249208

Ion	Ratio	Lower	Upper
70	100		
42	64.9	52.1	78.1
101	10.1	8.2	12.2
130	21.0	18.2	27.2

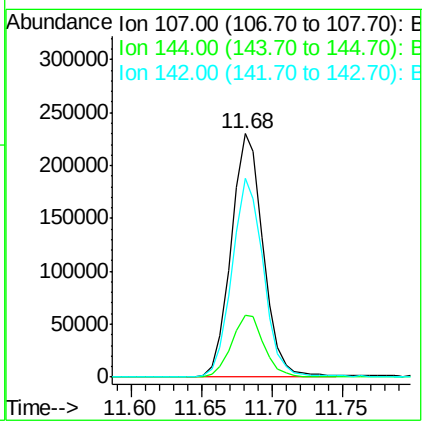


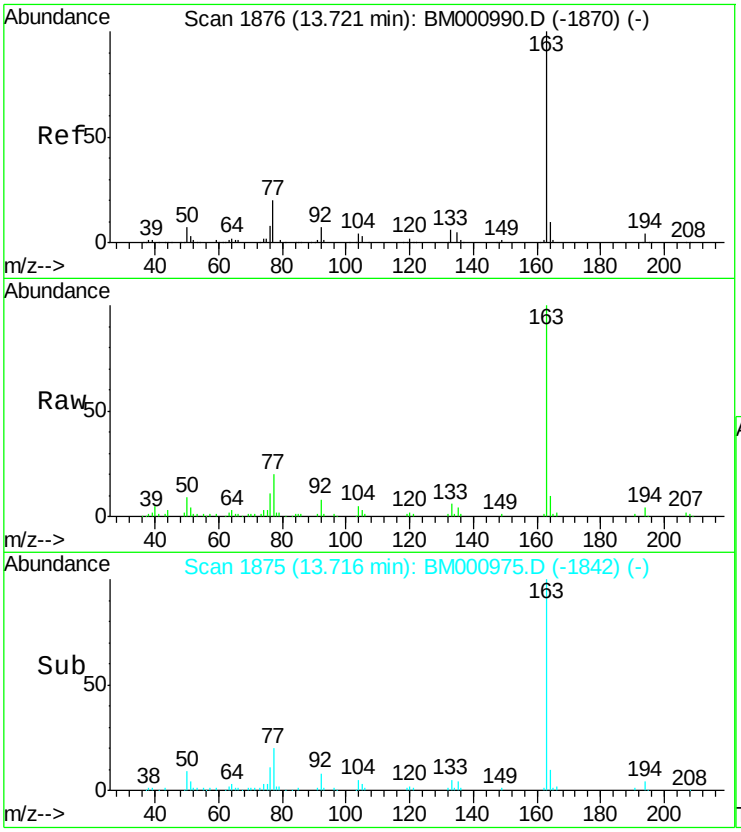


#33
4-Chloro-3-methylphenol
Concen: 33.06 ng/ul
RT: 11.68 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

Tgt Ion:107 Resp: 363830

Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.7	31.1
142	81.6	64.8	97.2



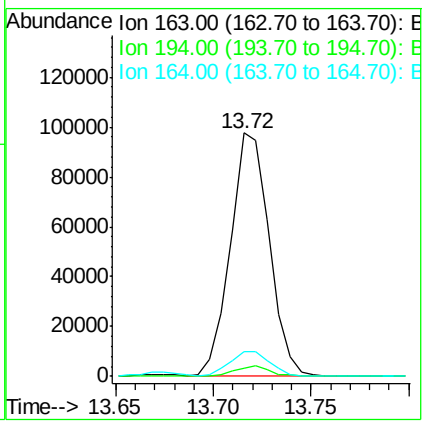


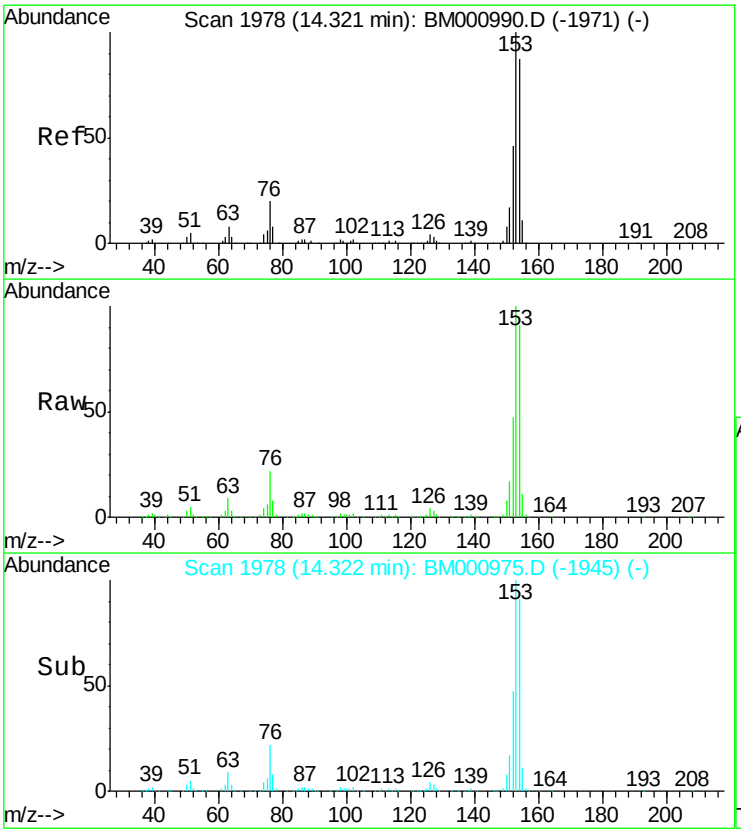
#44
Dimethylphthalate
Concen: 4.35 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

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

Tgt Ion:163 Resp: 135081

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	10.0	8.6	12.8

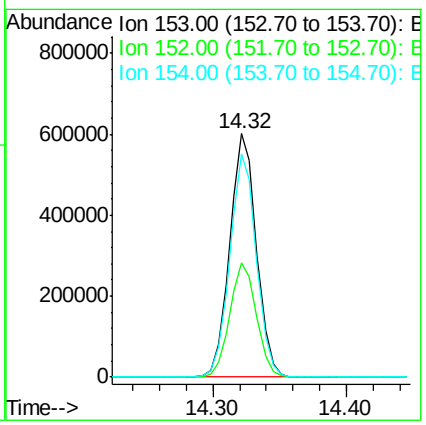


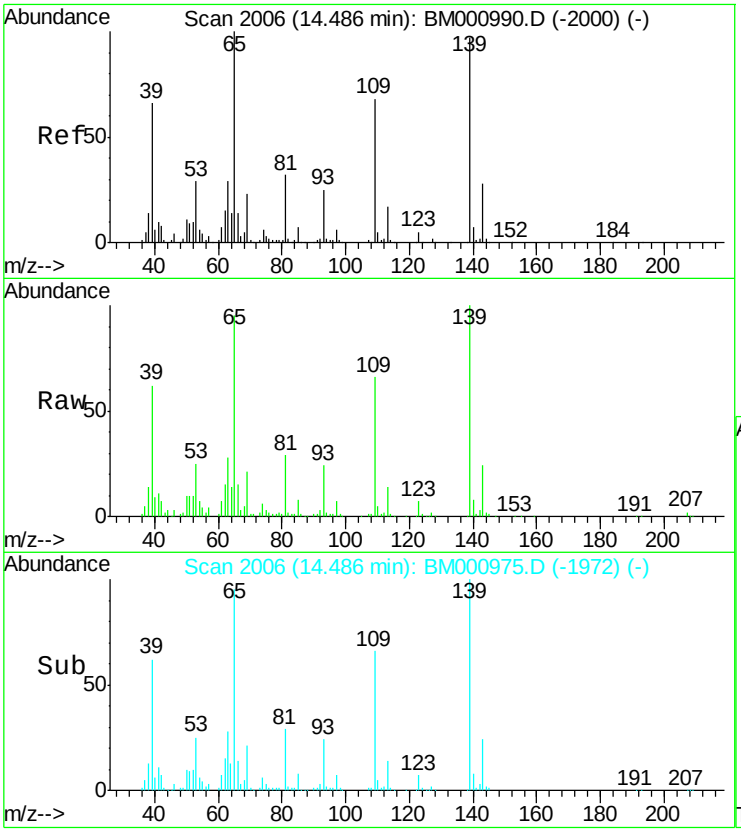


#49
Acenaphthene
Concen: 29.10 ng/ul
RT: 14.32 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

Tgt Ion:153 Resp: 838415

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.2	55.8
154	91.4	72.6	108.8



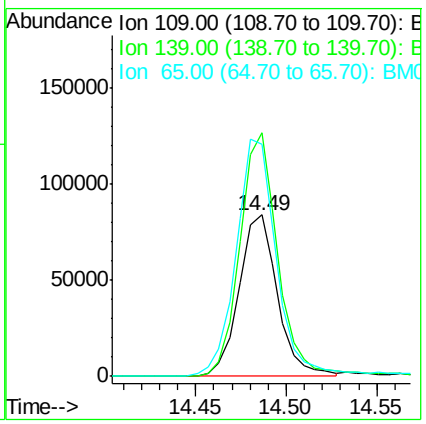


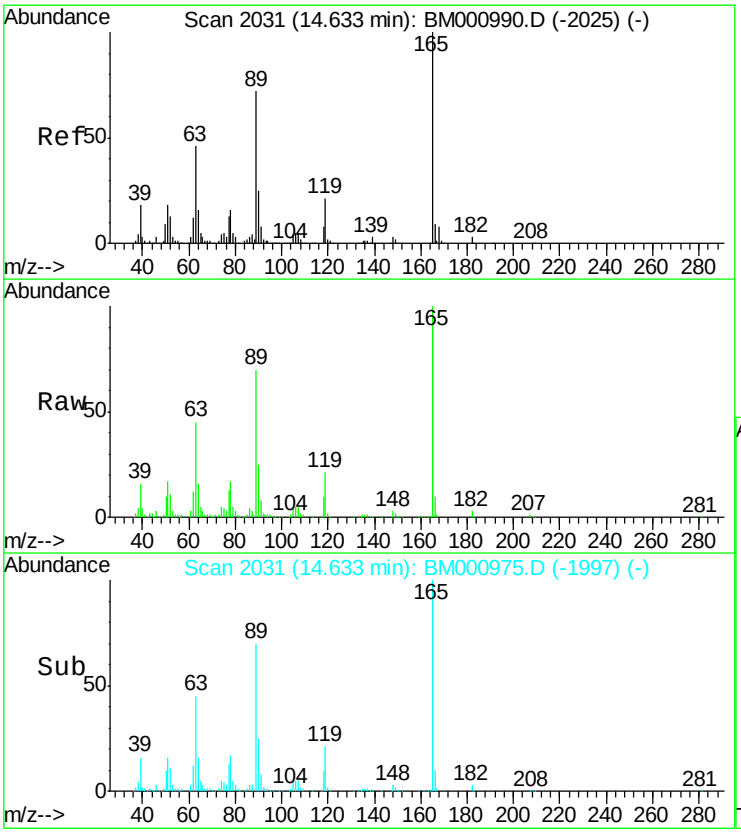
#52
4-Nitrophenol
Concen: 33.22 ng/ul
RT: 14.49 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

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

Tgt Ion:109 Resp: 123837

Ion	Ratio	Lower	Upper
109	100		
139	151.1	111.0	166.6
65	144.2	116.8	175.2

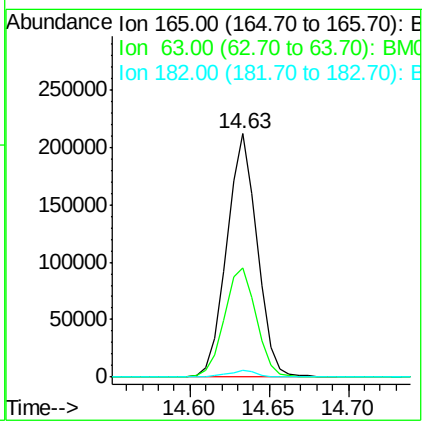


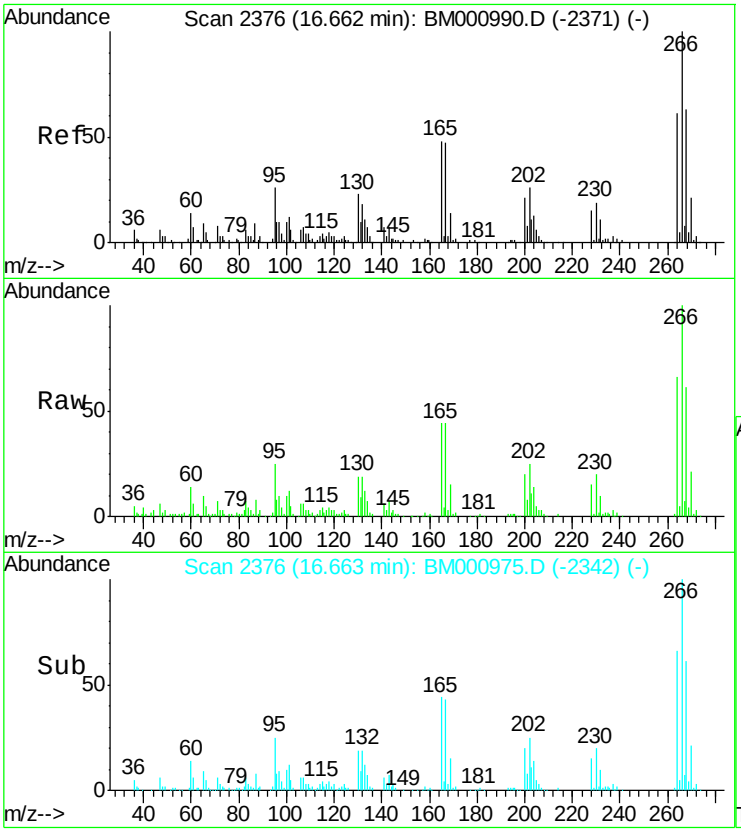


#54
2,4-Dinitrotoluene
Concen: 32.73 ng/ul
RT: 14.63 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

Tgt Ion:165 Resp: 281342

Ion	Ratio	Lower	Upper
165	100		
63	44.9	36.4	54.6
182	2.8	2.1	3.1



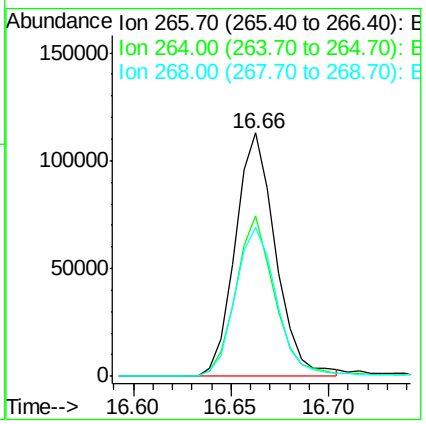


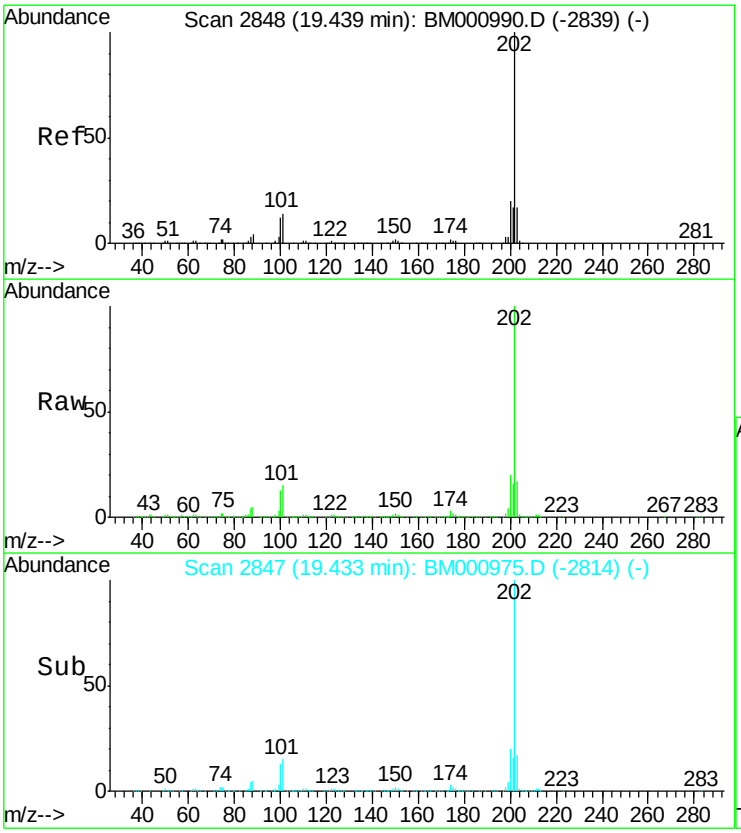
#68
Pentachlorophenol
Concen: 33.50 ng/ul
RT: 16.66 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

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

Tgt Ion:266 Resp: 161306

Ion	Ratio	Lower	Upper
266	100		
264	65.6	51.0	76.6
268	61.3	52.5	78.7





#77
Pyrene
Concen: 32.66 ng/ul
RT: 19.43 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BM000975.D
Acq: 14 Apr 2015 07:30

Tgt Ion:202 Resp: 1833552

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.6	17.4
100	12.7	9.4	14.0