Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
Data File : BM001090.D
Acq On : 21 Apr 2015 06:23
Operator : TP/IZ
Sample : G1859-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 21 07:18:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 21 04:18:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	224887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	941074	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	513611	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1038075	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1082442	20.00	ng/ul	0.01
83) Perylene-d12	23.37	264	1062763	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	365	0.08	ng/uL	-0.08
5) Phenol-d5	6.76	99	355093	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	215622	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	289810	20.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	267174	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	138230	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	151734	21.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	270176	19.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	88548	6.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	803868	23.49	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1032233	21.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	126431	19.00	ng/ul	0.00
57) Fluorene-d10	15.23	176	706234	20.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	55621	9.87	ng/ul	0.00
70) Anthracene-d10	17.08	188	1018913	21.68	ng/ul	0.00
76) Pyrene-d10	19.39	212	1089625	21.69	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.23	264	988422	20.78	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.72	77	18004	1.60	ng/ul#	46
6) Phenol	6.79	94	32923	1.77	ng/ul	94
14) Acetophenone	8.39	105	57703	2.57	ng/ul	95
28) Naphthalene	10.40	128	760751	15.59	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	131750	3.86	ng/ul	98
40) 1,1'-Biphenyl	13.06	154	44140	1.03	ng/ul	94
44) Dimethylphthalate	13.70	163	139449	3.64	ng/ul	99
49) Acenaphthene	14.30	153	156264	4.46	ng/ul	97
53) Dibenzofuran	14.63	168	250125	5.13	ng/ul	99
58) Fluorene	15.29	166	268875	6.70	ng/ul	99
69) Phenanthrene	17.03	178	2254346	38.79	ng/ul	97
71) Anthracene	17.12	178	510660	8.63	ng/ul	97
72) Carbazole	17.39	167	228703	4.35	ng/ul#	89
73) Di-n-butylphthalate	17.96	149	129914	2.23	ng/ul#	87
74) Fluoranthene	19.06	202	2063152	32.92	ng/ul	98
77) Pyrene	19.42	202	1881234	27.37	ng/ul	99
78) Butylbenzylphthalate	20.33	149	797522	31.57	ng/ul	98
80) Benzo(a)anthracene	21.17	228	762420	12.12	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.11	149	1886580	49.94	ng/ul	99
82) Chrysene	21.23	228	916040	15.28	ng/ul	96
84) Di-n-octyl phthalate	21.98	149	386337	5.54	ng/ul	100
85) Benzo(b)fluoranthene	22.72	252	1078881	16.46	ng/ul#	68
88) Benzo(a)pyrene	23.28	252	590344	9.62	ng/ul#	60

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
Data File : BM001090.D
Acq On : 21 Apr 2015 06:23
Operator : TP/IZ
Sample : G1859-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 21 07:18:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 21 04:18:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	25.55	276	440635	6.60	ng/ul	94
90) Dibenzo(a,h)anthracene	25.55	278	113957	2.03	ng/ul#	34
91) Benzo(g,h,i)perylene	26.21	276	387684	6.88	ng/ul#	87

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

Quantitation Report (Not Reviewed)

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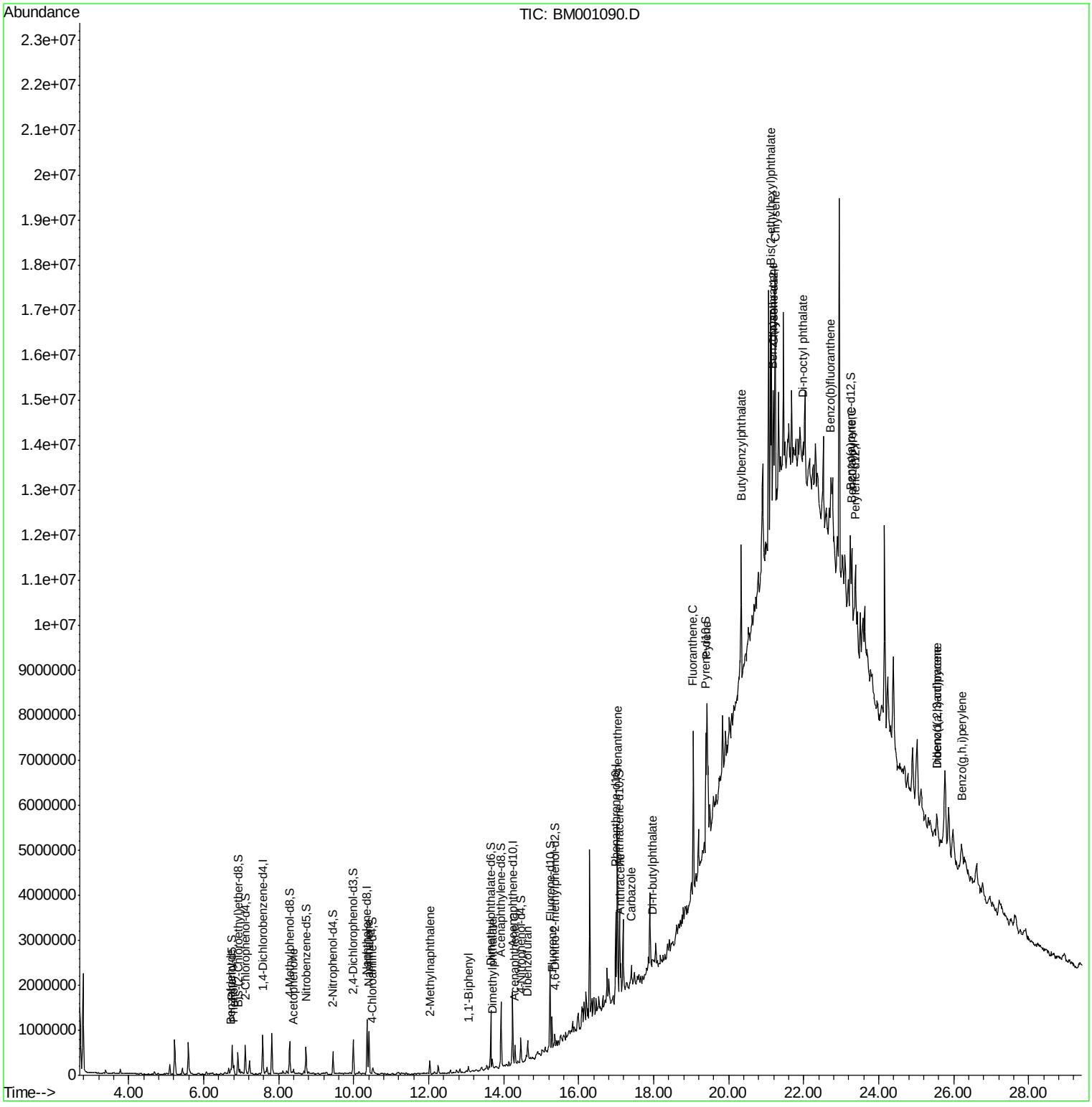
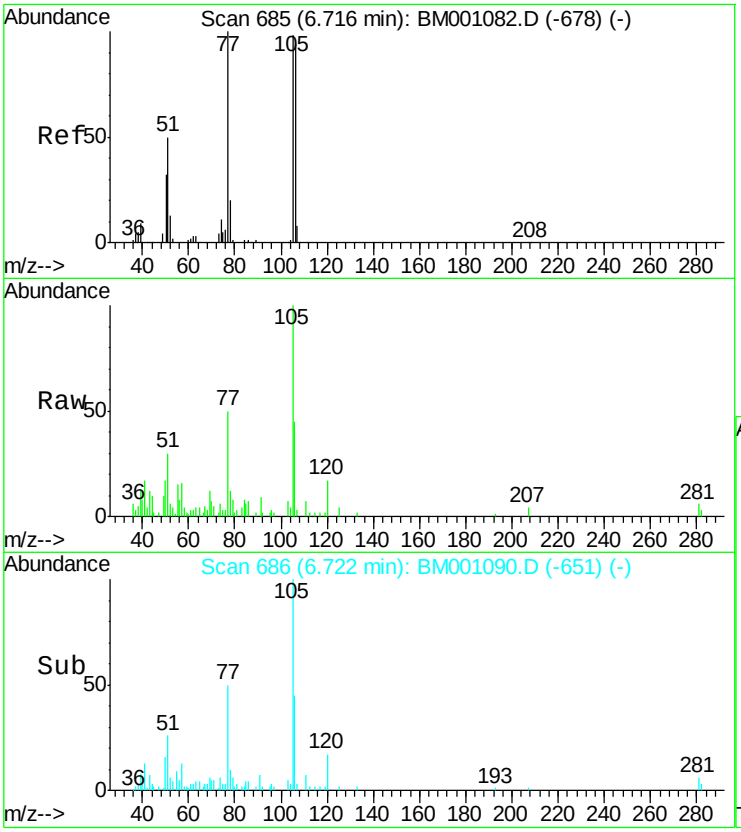
QLast Update : Tue Apr 21 04:18:14 2015
Response via : Initial Calibration

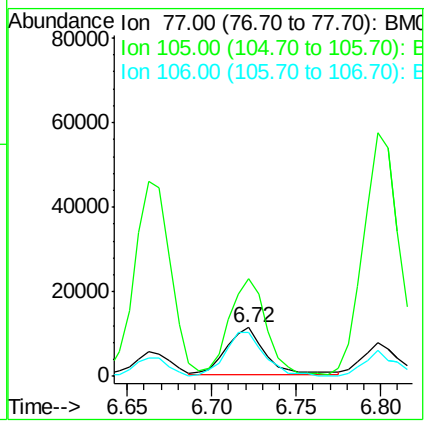


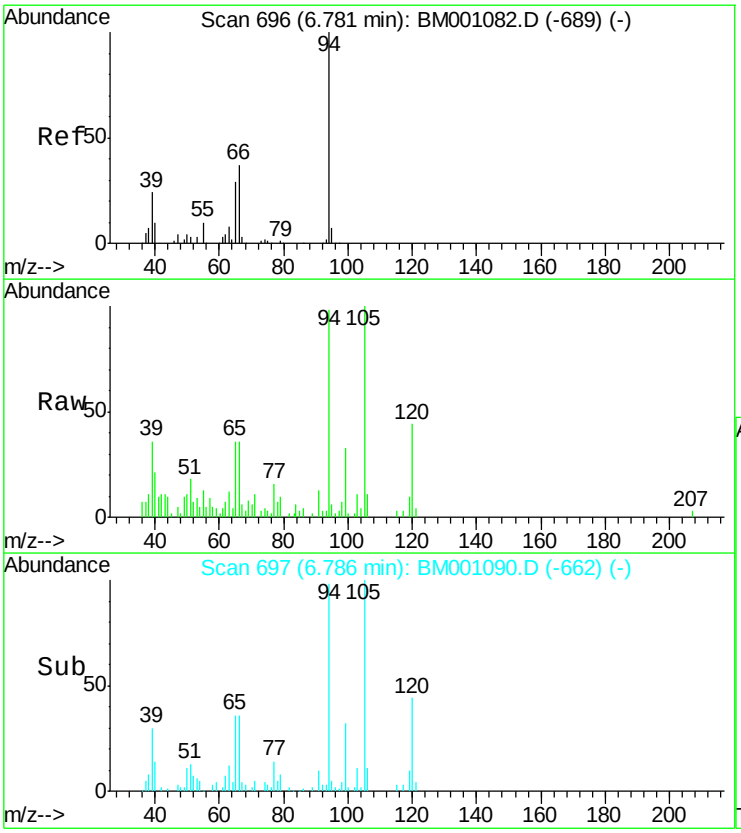


#4
Benzaldehyde
Concen: 1.60 ng/ul
RT: 6.72 min Scan# 686
Delta R.T. 0.01 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion: 77 Resp: 18004

Ion	Ratio	Lower	Upper
77	100		
105	201.1	81.1	121.7#
106	90.9	78.1	117.1

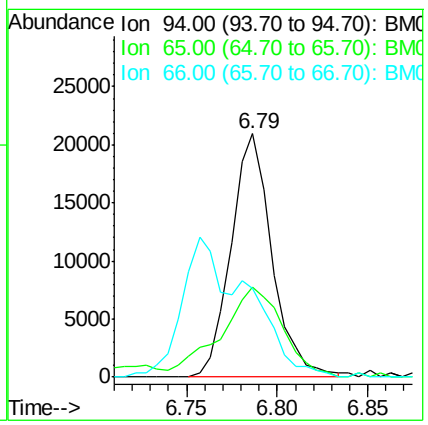


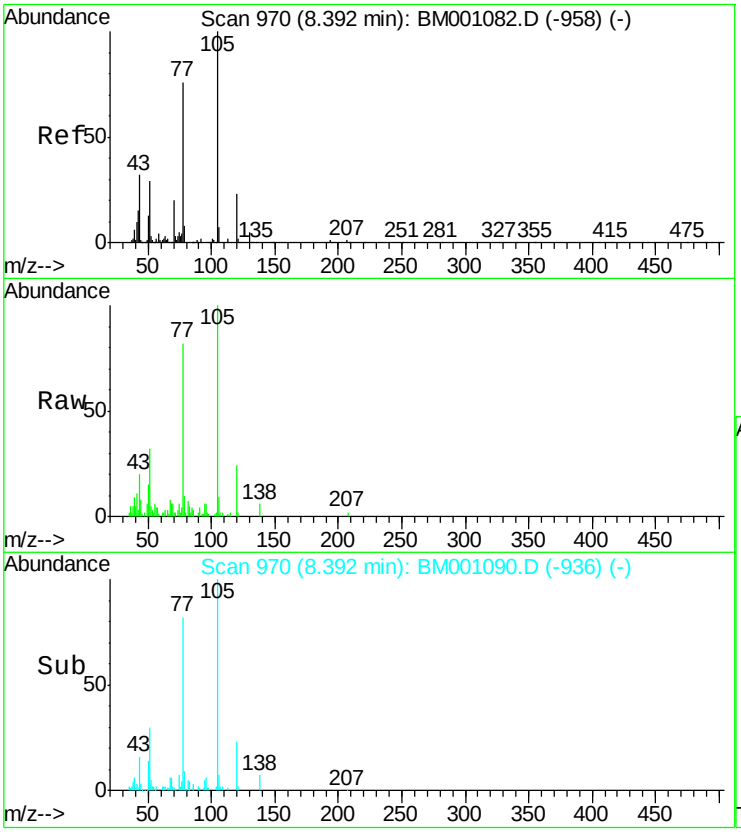


#6
Phenol
Concen: 1.77 ng/ul
RT: 6.79 min Scan# 697
Delta R.T. 0.01 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion: 94 Resp: 32923

Ion	Ratio	Lower	Upper
94	100		
65	36.7	24.9	37.3
66	36.2	29.8	44.8

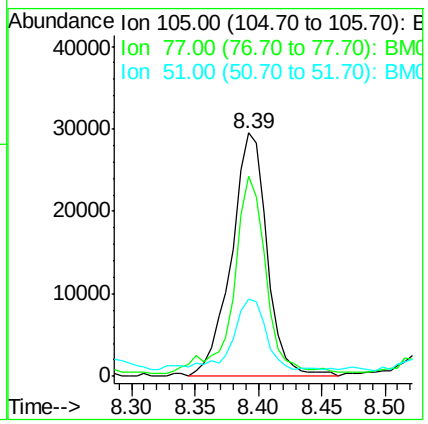


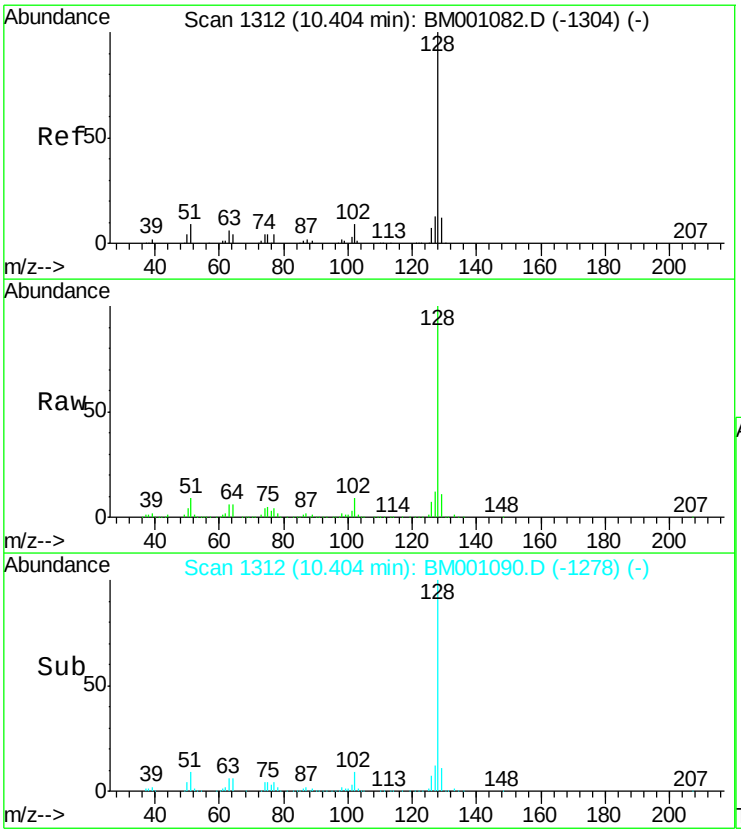


#14
Acetophenone
Concen: 2.57 ng/ul
RT: 8.39 min Scan# 970
Delta R.T. -0.00 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:105 Resp: 57703

Ion	Ratio	Lower	Upper
105	100		
77	81.9	61.5	92.3
51	31.5	24.5	36.7

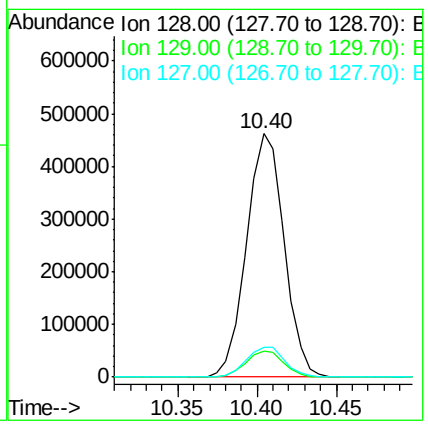


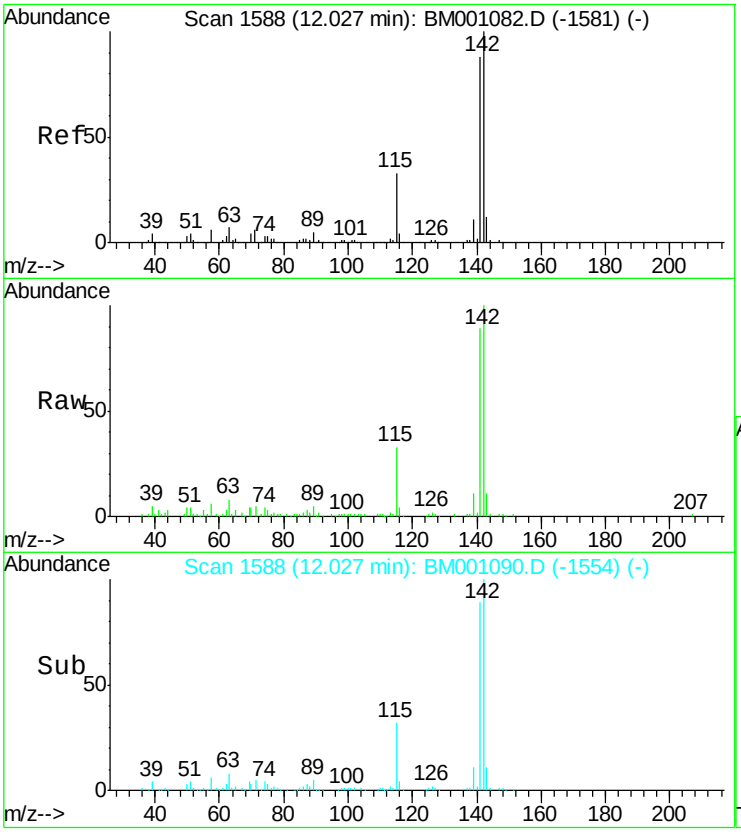


#28
Naphthalene
Concen: 15.59 ng/ul
RT: 10.40 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:128 Resp: 760751

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	12.3	10.2	15.2

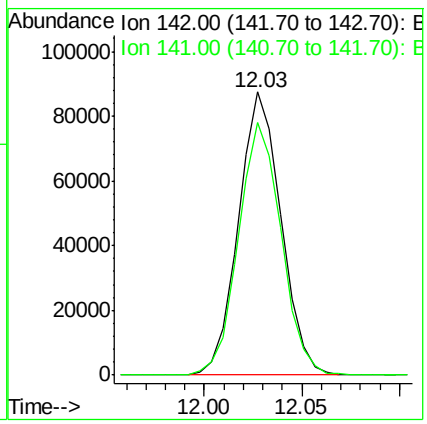


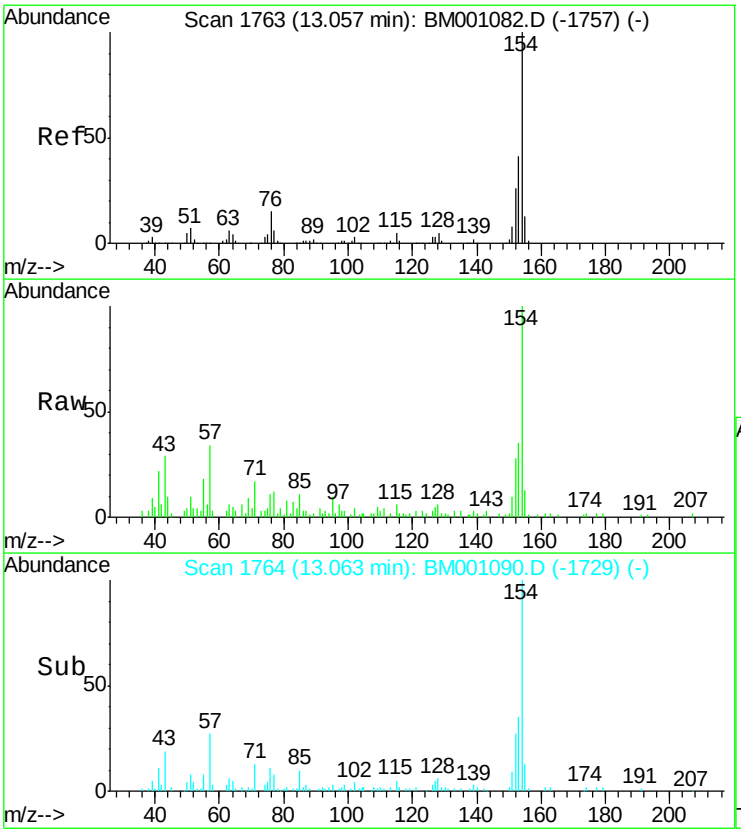


#34
2-Methylnaphthalene
Concen: 3.86 ng/ul
RT: 12.03 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:142 Resp: 131750

Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.8	104.8

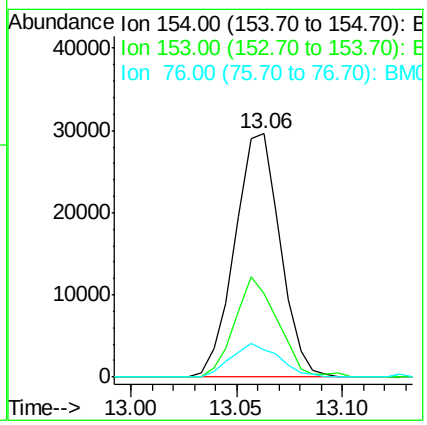


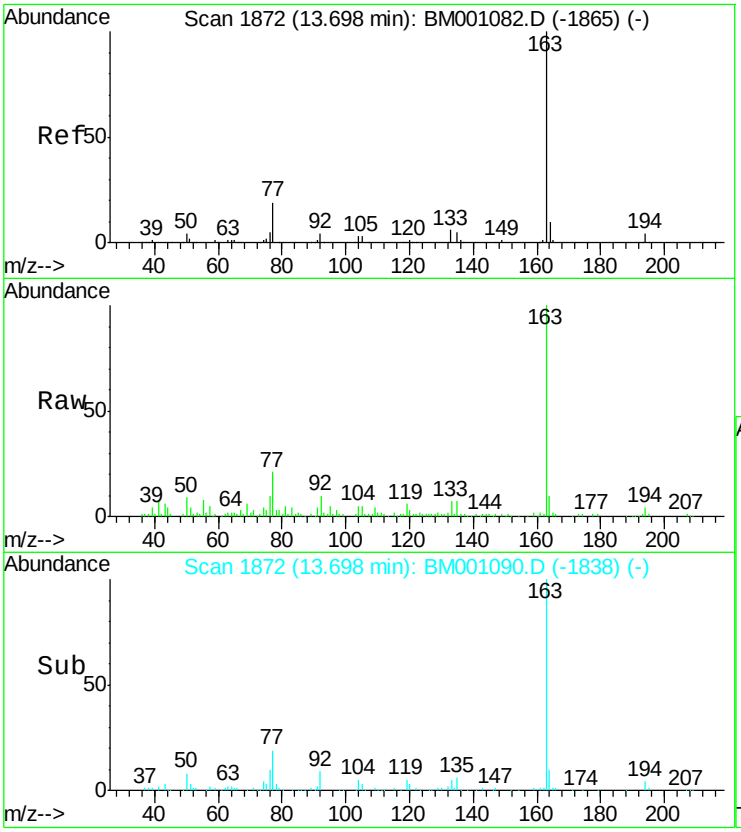


#40
1,1'-Biphenyl
Concen: 1.03 ng/ul
RT: 13.06 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:154 Resp: 44140

Ion	Ratio	Lower	Upper
154	100		
153	34.5	31.1	46.7
76	11.4	10.3	15.5

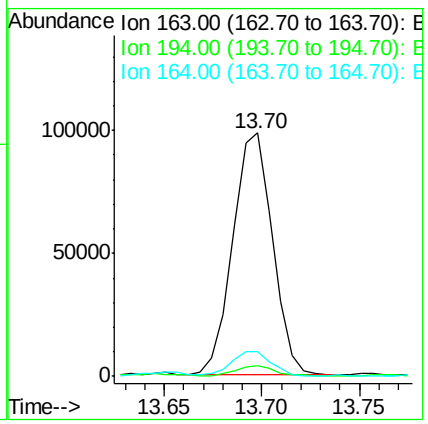


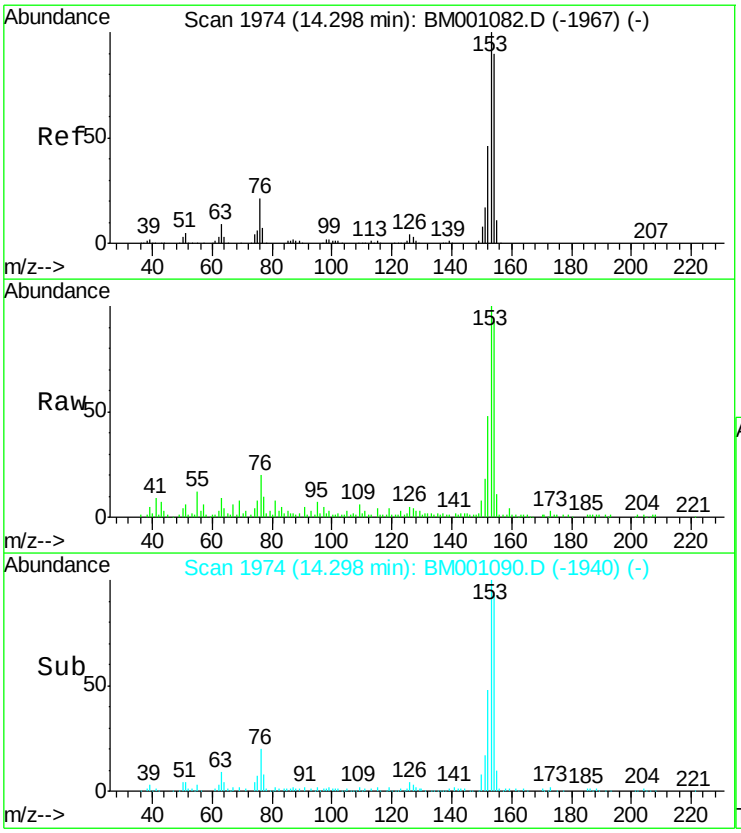


#44
Dimethylphthalate
Concen: 3.64 ng/ul
RT: 13.70 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:163 Resp: 139449

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.4
164	10.0	8.2	12.4

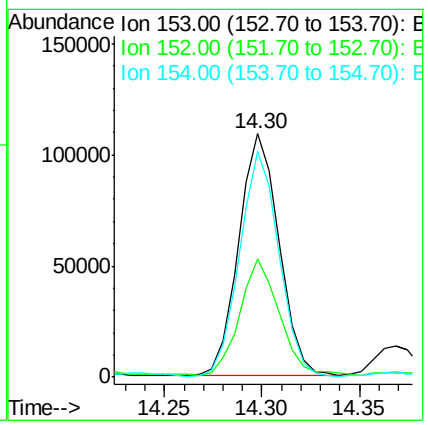


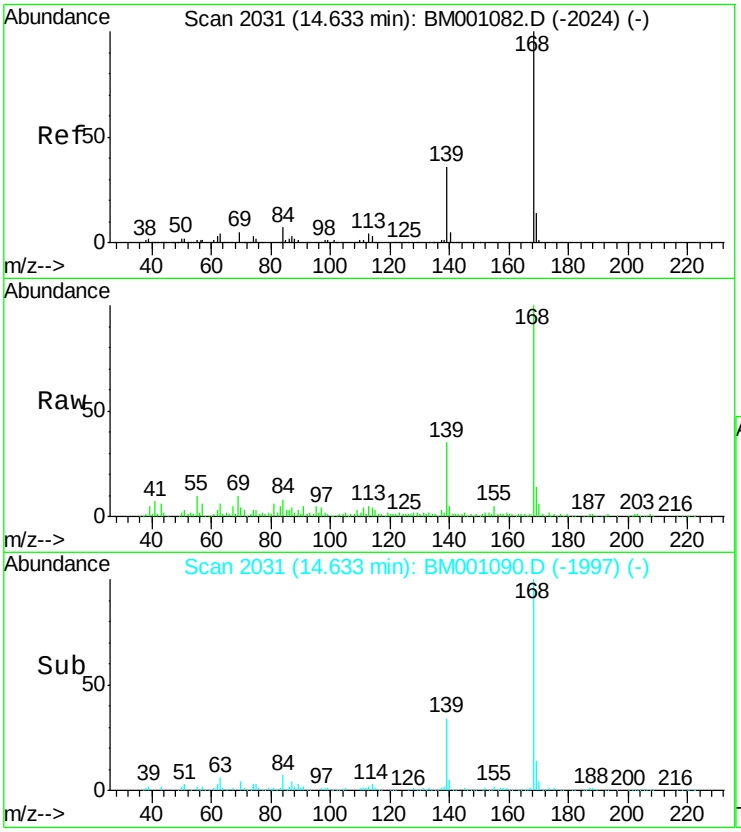


#49
Acenaphthene
Concen: 4.46 ng/ul
RT: 14.30 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:153 Resp: 156264

Ion	Ratio	Lower	Upper
153	100		
152	48.4	37.8	56.6
154	92.8	71.2	106.8

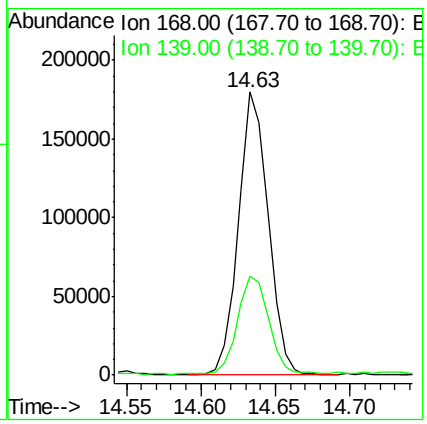


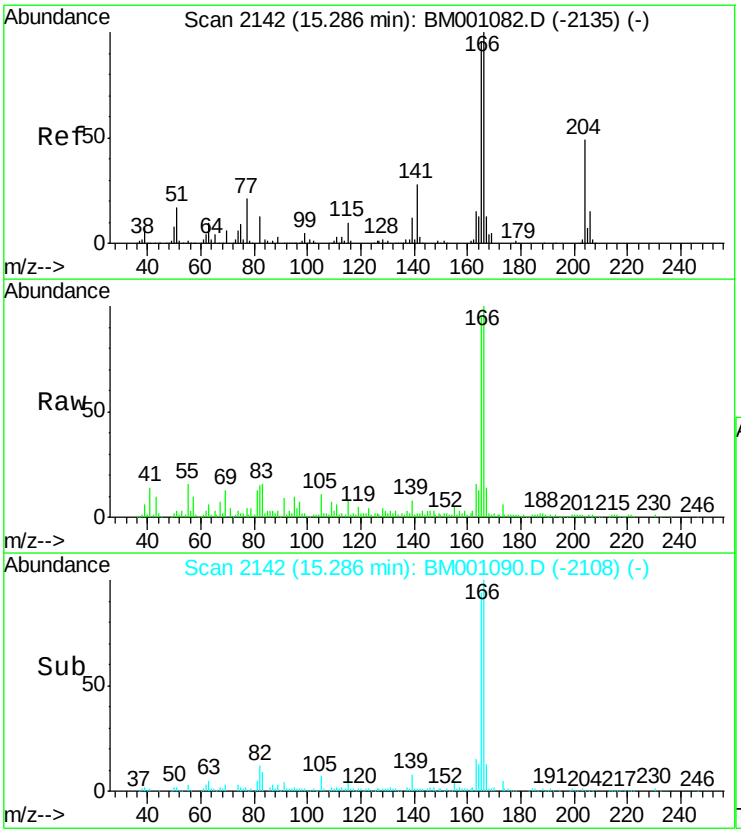


#53
Dibenzofuran
Concen: 5.13 ng/ul
RT: 14.63 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:168 Resp: 250125

Ion	Ratio	Lower	Upper
168	100		
139	34.9	28.2	42.4

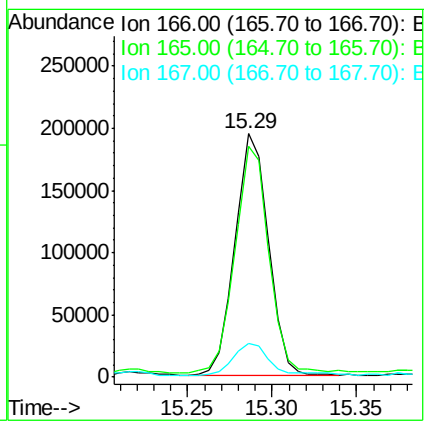


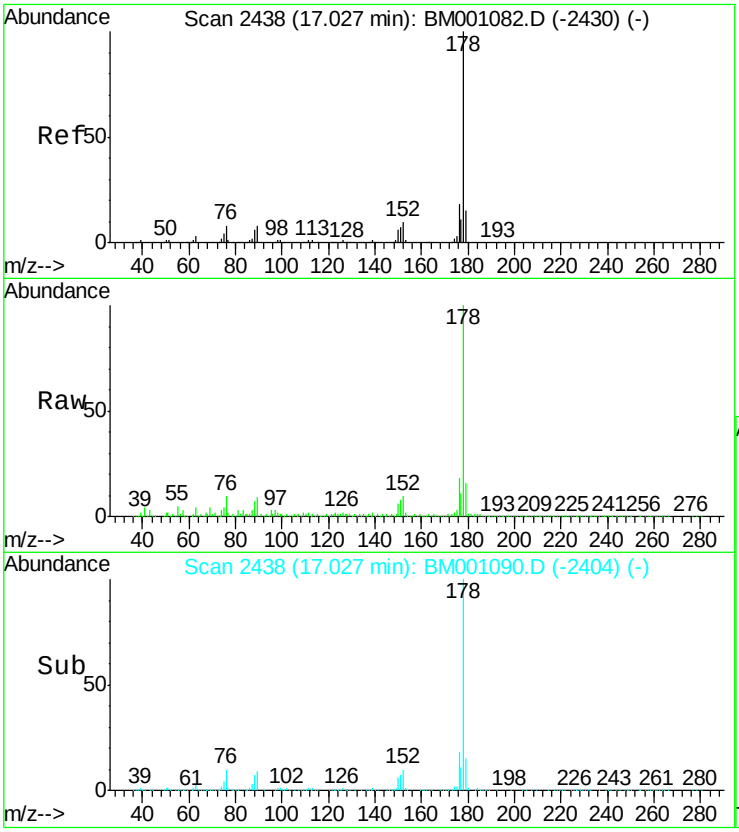


#58
Fluorene
Concen: 6.70 ng/ul
RT: 15.29 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:166 Resp: 268875

Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.3	112.9
167	13.9	10.2	15.2

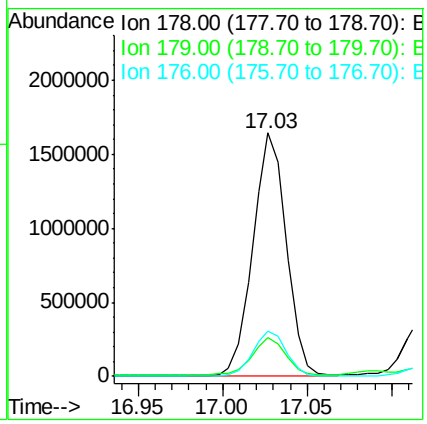


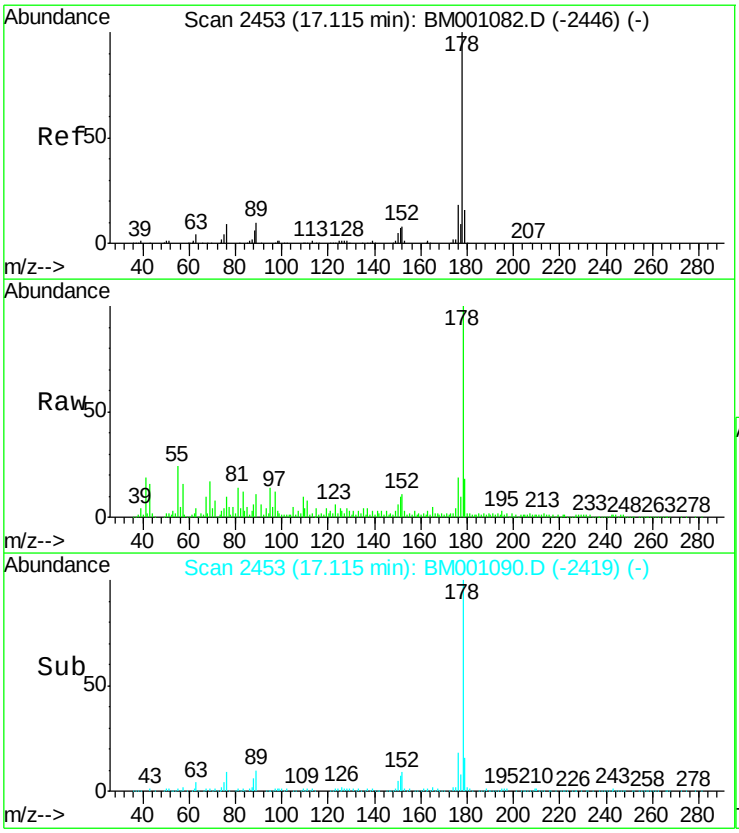


#69
Phenanthrene
Concen: 38.79 ng/ul
RT: 17.03 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:178 Resp: 2254346

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.9	17.9
176	18.3	13.8	20.6





#71
Anthracene
Concen: 8.63 ng/ul
RT: 17.12 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BM001090.D
Acq: 21 Apr 2015 06:23

Tgt Ion:178 Resp: 510660

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.4	18.6
176	18.7	14.6	21.8