Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

Quant Time: Jul 08 02:18:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	64876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	251015	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	146056	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	313368	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	382124	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	393712	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	2715	2.00	ng/uL	0.00
5) Phenol-d5	6.83	99	59262	11.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	33322	11.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	50566	12.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	50481	12.62	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	22712	13.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	25983	13.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	52456	12.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	54445	13.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	141397	13.06	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	184385	12.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	19735	9.88	ng/ul	0.00
57) Fluorene-d10	15.32	176	134901	13.42	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.46	200	5951	3.11	ng/ul	0.02
70) Anthracene-d10	17.17	188	206437	14.14	ng/ul	0.01
78) Pyrene-d10	19.47	212	230776	14.26	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.36	264	239537	13.80	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.89	88	11209	7.21	ng/uL#	1
6) Phenol	6.86	94	8795	1.71	ng/ul	98
14) Acetophenone	8.49	105	16517	2.60	ng/ul	94
16) 4-Methylphenol	8.44	108	8341	2.02	ng/ul	91
28) Naphthalene	10.51	128	1068714	84.32	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	367476	40.09	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	149415	12.53	ng/ul	98
44) Dimethylphthalate	13.78	163	35568	3.00	ng/ul	99
47) Acenaphthylene	14.05	152	631254	43.61	ng/ul	99
49) Acenaphthene	14.39	153	149543	15.46	ng/ul	98
53) Dibenzofuran	14.72	168	456185	32.93	ng/ul	98
58) Fluorene	15.37	166	639460	55.46	ng/ul	98
60) 4-Nitroaniline	15.37	138	7496	3.18	ng/ul#	9
64) N-Nitrosodiphenylamine	15.59	169	11181	1.22	ng/ul#	81
69) Phenanthrene	17.13	178	5362276	315.58	ng/ul	98
71) Anthracene	17.21	178	1217927	69.81	ng/ul	99
74) Carbazole	17.48	167	233061	15.23	ng/ul	99
76) Fluoranthene	19.15	202	5345544	263.03	ng/ul	98
79) Pyrene	19.52	202	5008440	236.25	ng/ul	97
82) Benzo(a)anthracene	21.31	228	1666337	74.63	ng/ul	93
84) Chrysene	21.31	228	1669918	78.91	ng/ul	97
87) Benzo(b)fluoranthene	22.84	252	2124845	92.71	ng/ul#	99
88) Benzo(k)fluoranthene	22.84	252	794041	35.85	ng/ul#	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93L8

Quant Time: Jul 08 02:18:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Benzo(a)pyrene	23.41	252	1820242	81.64	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	1224314	46.31	ng/ul	96
92) Dibenzo(a,h)anthracene	25.76	278	265711	11.91	ng/ul#	88
93) Benzo(g,h,i)perylene	26.46	276	1147327	51.61	ng/ul	99

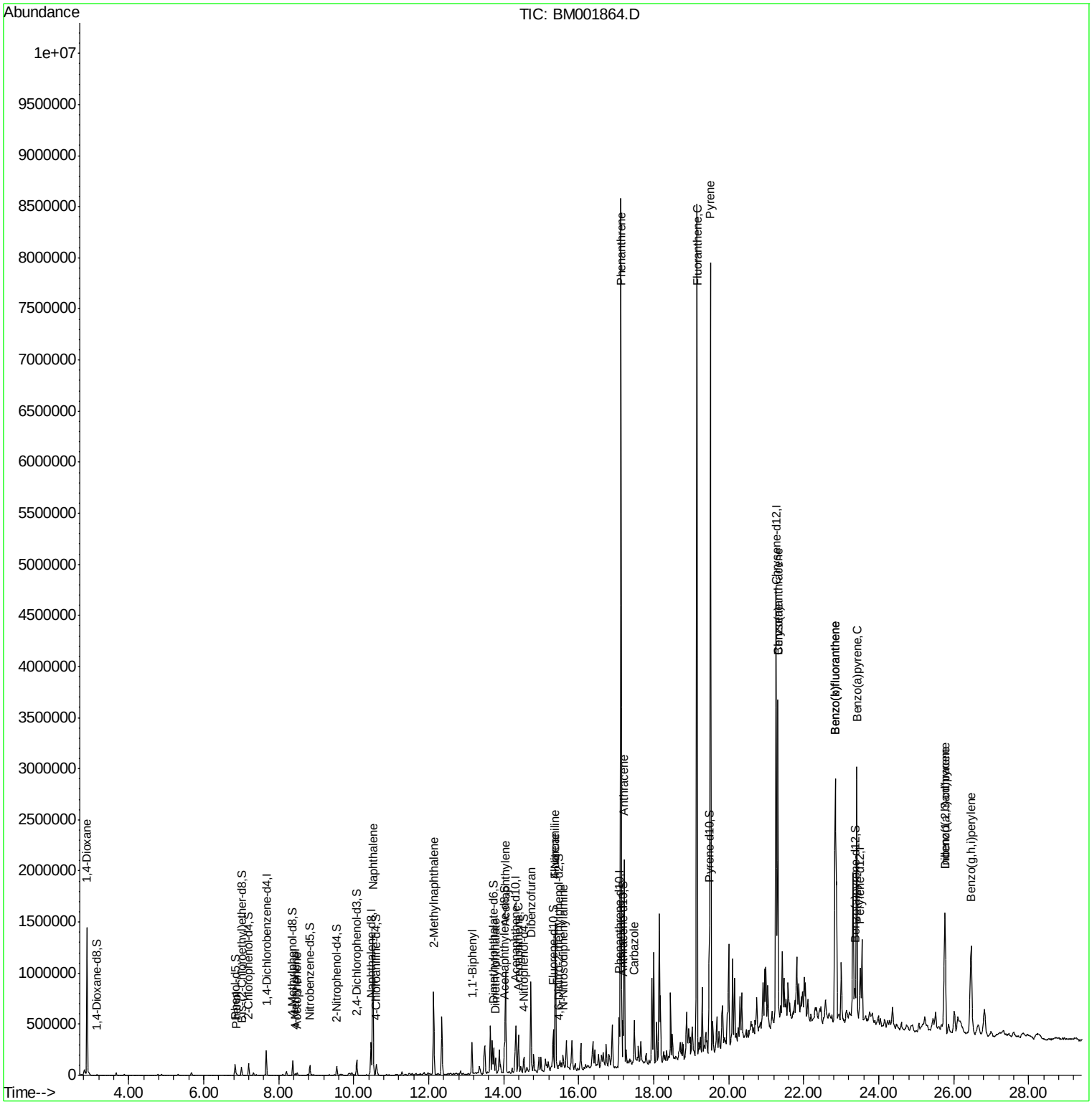
(#) = qualifier out of range (m) = manual integration (+) = signals summed

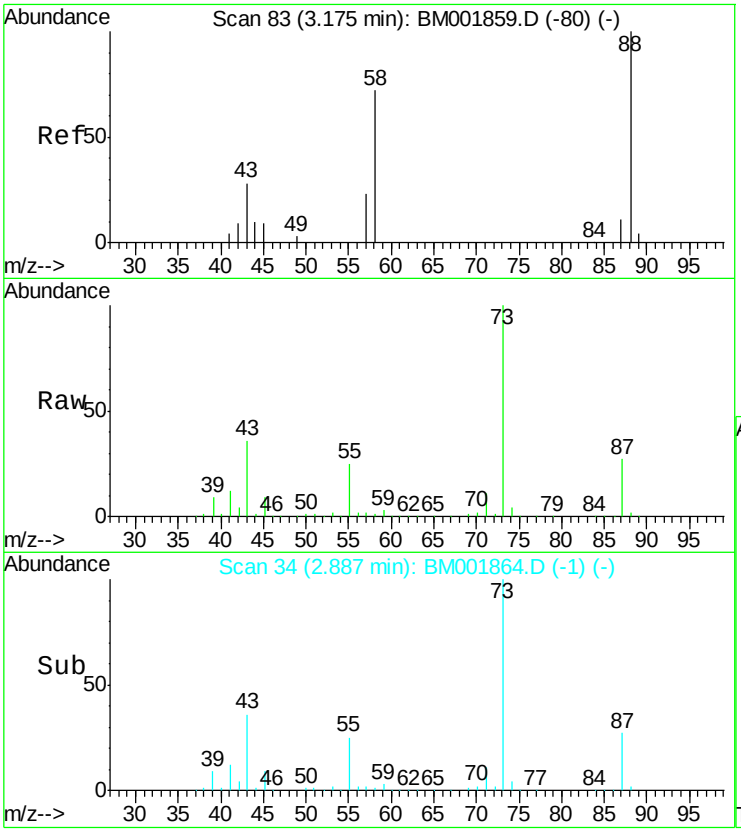
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001864.D
Acq On : 07 Jul 2015 12:30
Operator : TP/UM
Sample : G2861-13
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93L8

Quant Time: Jul 08 02:18:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration



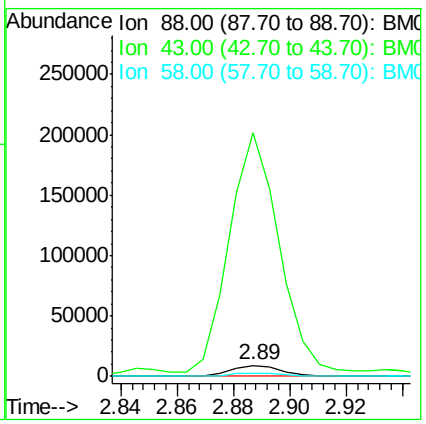


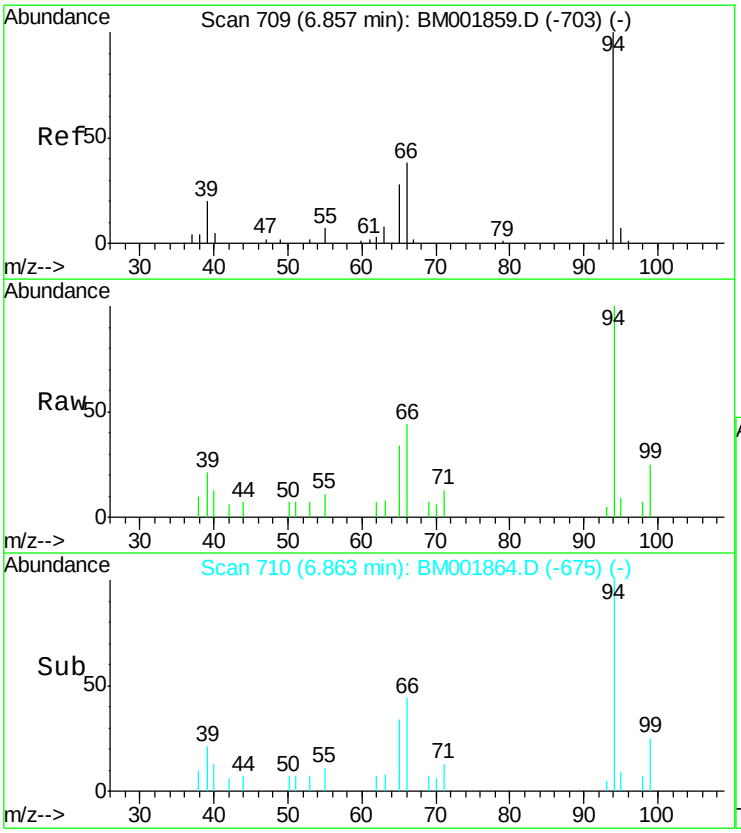
#2
1,4-Dioxane
Concen: 7.21 ng/uL
RT: 2.89 min Scan# 34
Delta R.T. -0.29 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion: 88 Resp: 11209

Ion	Ratio	Lower	Upper
88	100		
43	2249.3	24.2	36.4#
58	30.7	56.2	84.2#

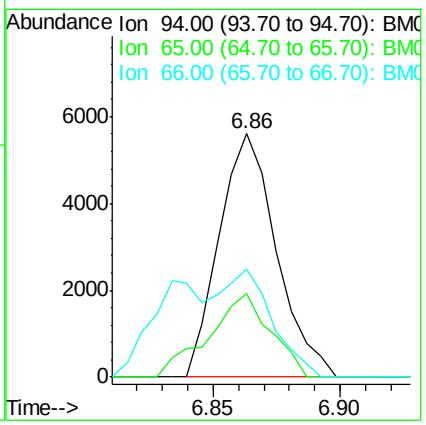


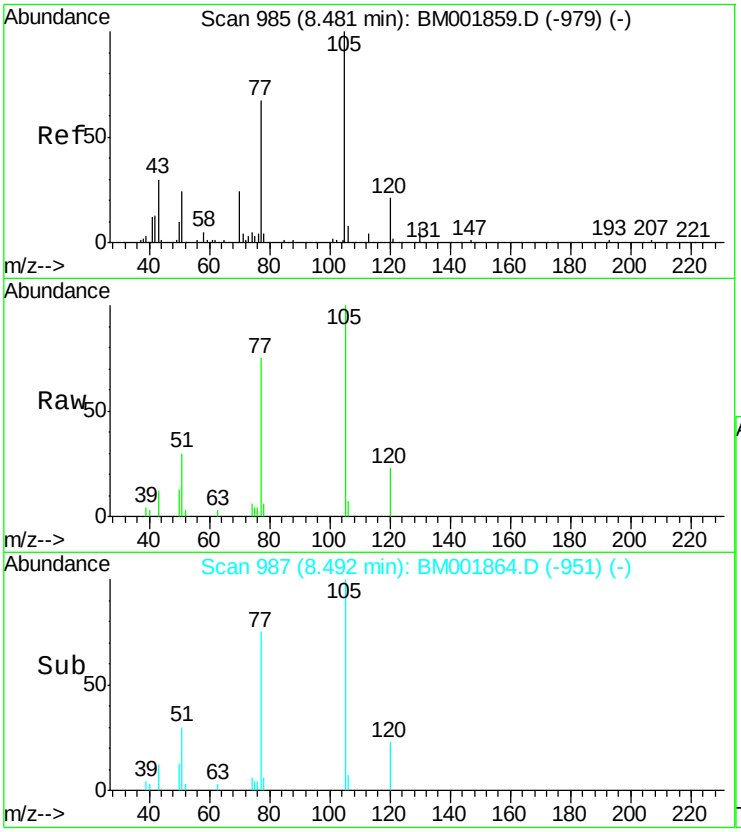


#6
Phenol
Concen: 1.71 ng/ul
RT: 6.86 min Scan# 710
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion: 94 Resp: 8795

Ion	Ratio	Lower	Upper
94	100		
65	34.2	26.1	39.1
66	44.3	35.9	53.9



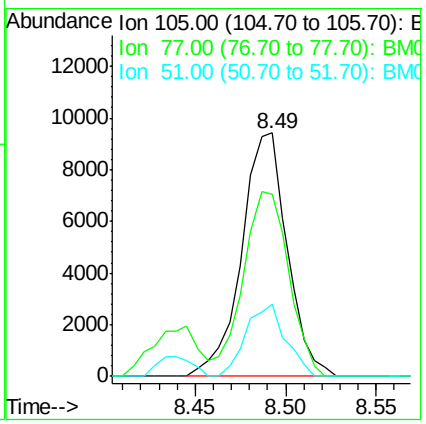


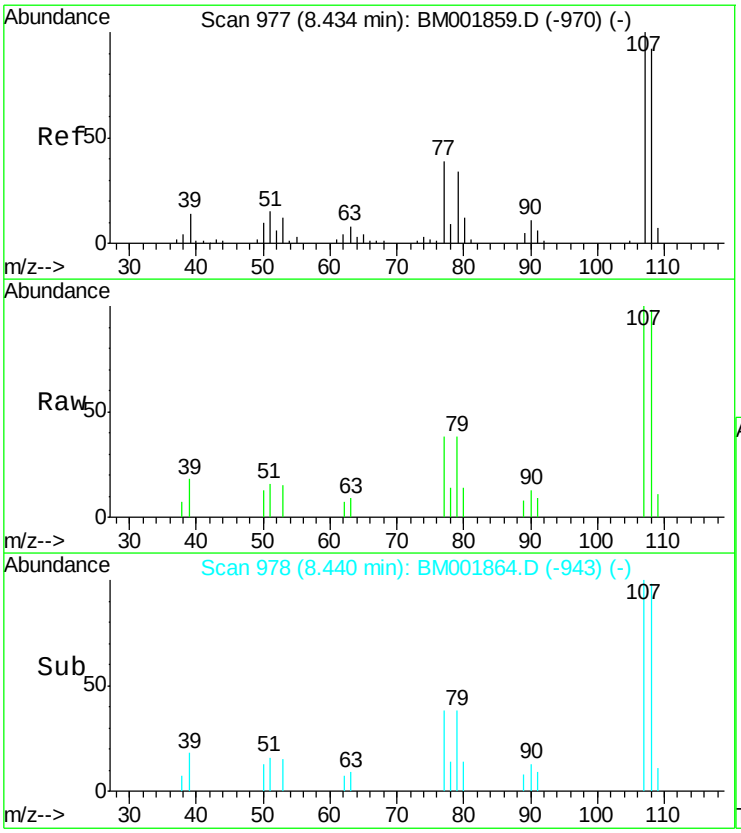
#14
Acetophenone
Concen: 2.60 ng/ul
RT: 8.49 min Scan# 987
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:105 Resp: 16517

Ion	Ratio	Lower	Upper
105	100		
77	74.8	64.2	96.4
51	29.7	22.0	33.0

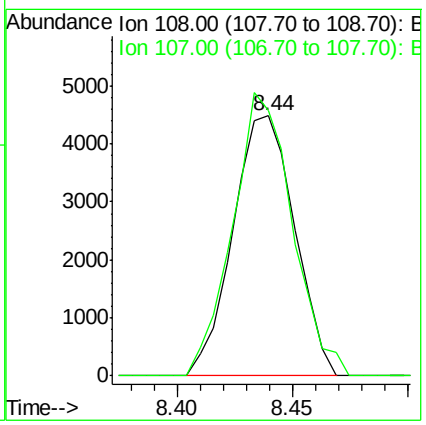


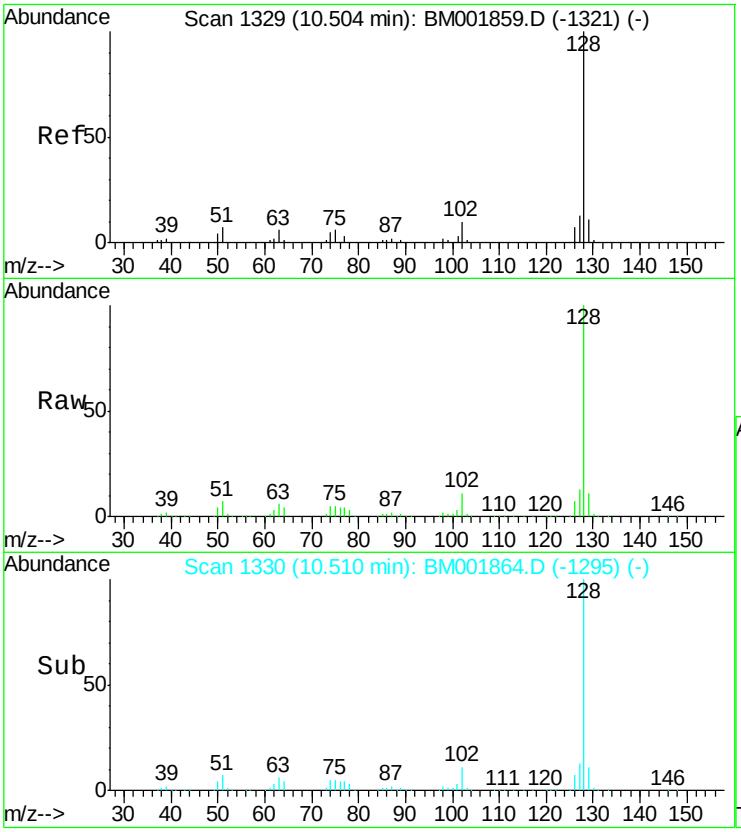


#16
4-Methylphenol
Concen: 2.02 ng/ul
RT: 8.44 min Scan# 978
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:108 Resp: 8341

Ion	Ratio	Lower	Upper
108	100		
107	102.3	89.9	134.9



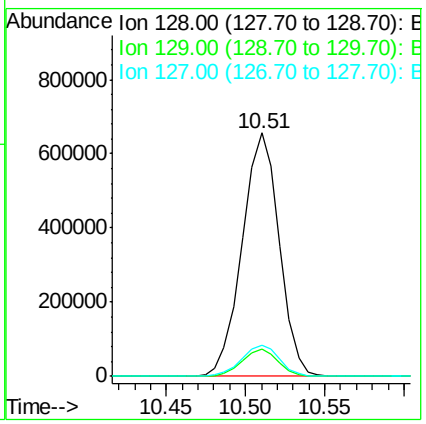


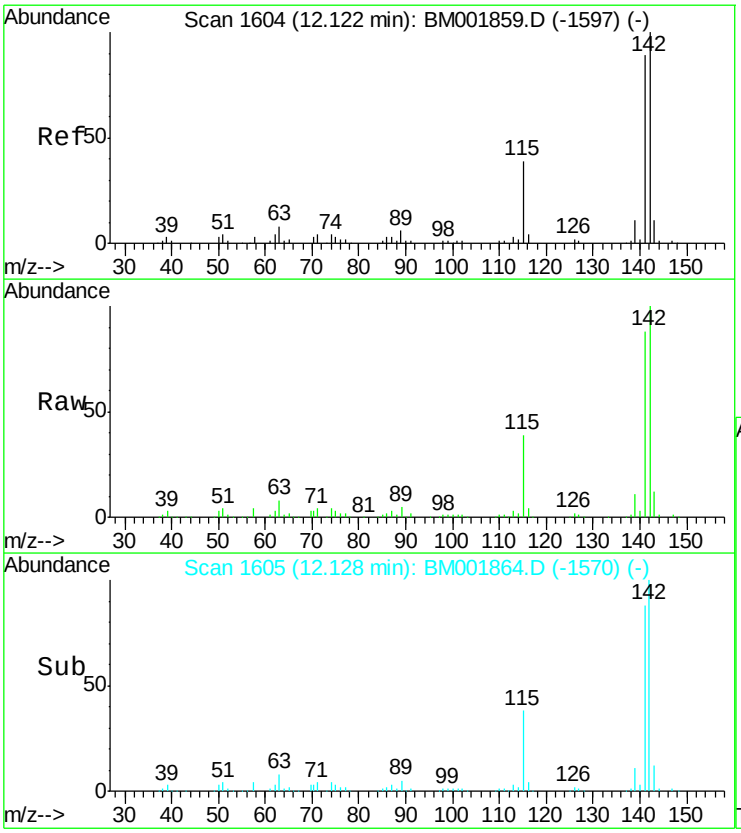
#28
Naphthalene
Concen: 84.32 ng/ul
RT: 10.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:128 Resp: 1068714

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.0	10.0	15.0

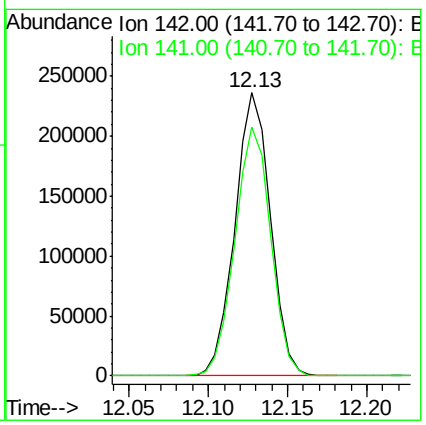


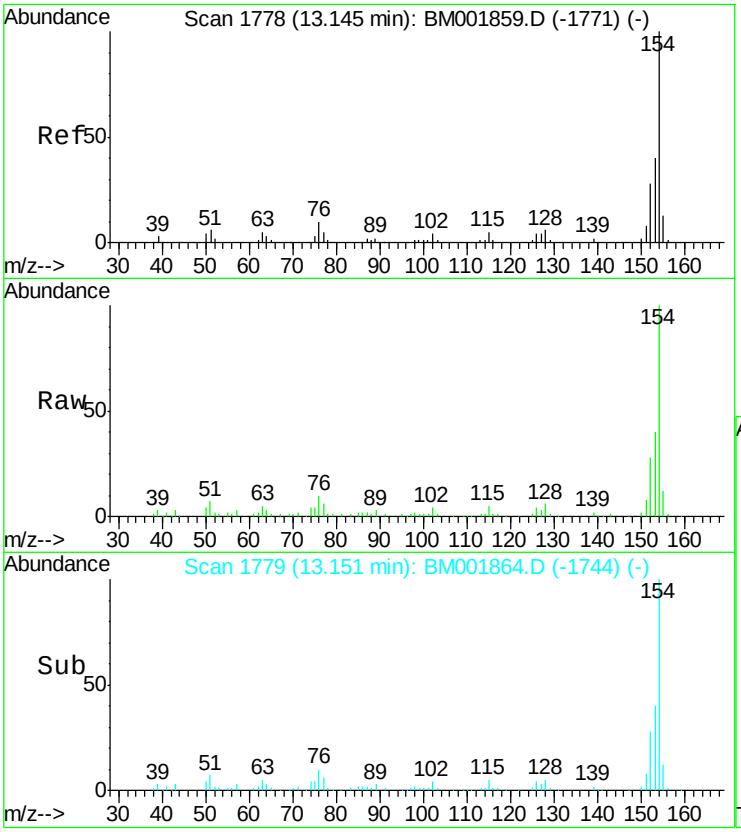


#34
2-Methylnaphthalene
Concen: 40.09 ng/ul
RT: 12.13 min Scan# 1605
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:142 Resp: 367476

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4



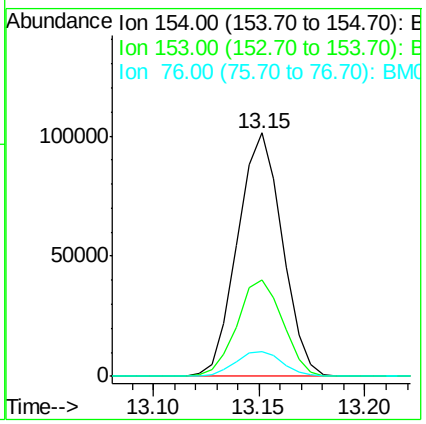


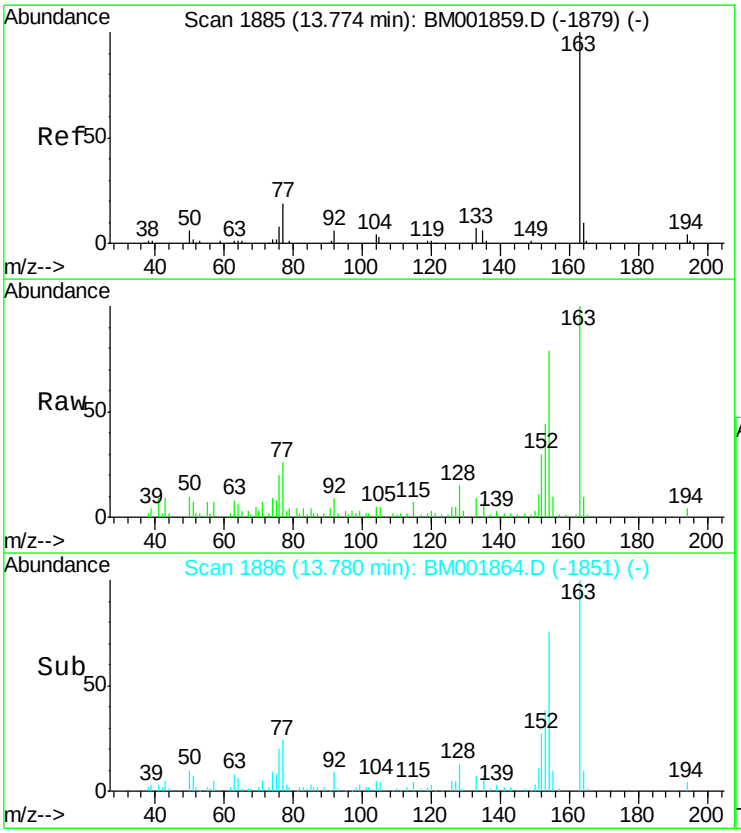
#40
1,1'-Biphenyl
Concen: 12.53 ng/ul
RT: 13.15 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:154 Resp: 149415

Ion	Ratio	Lower	Upper
154	100		
153	39.5	32.5	48.7
76	10.1	9.0	13.6

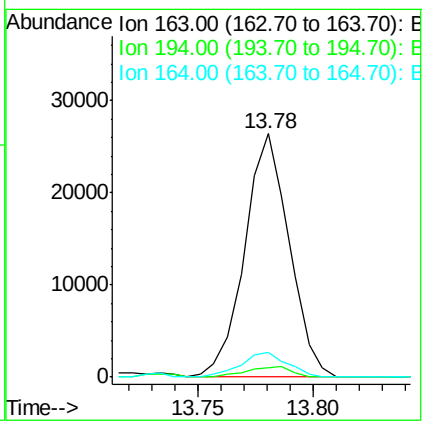


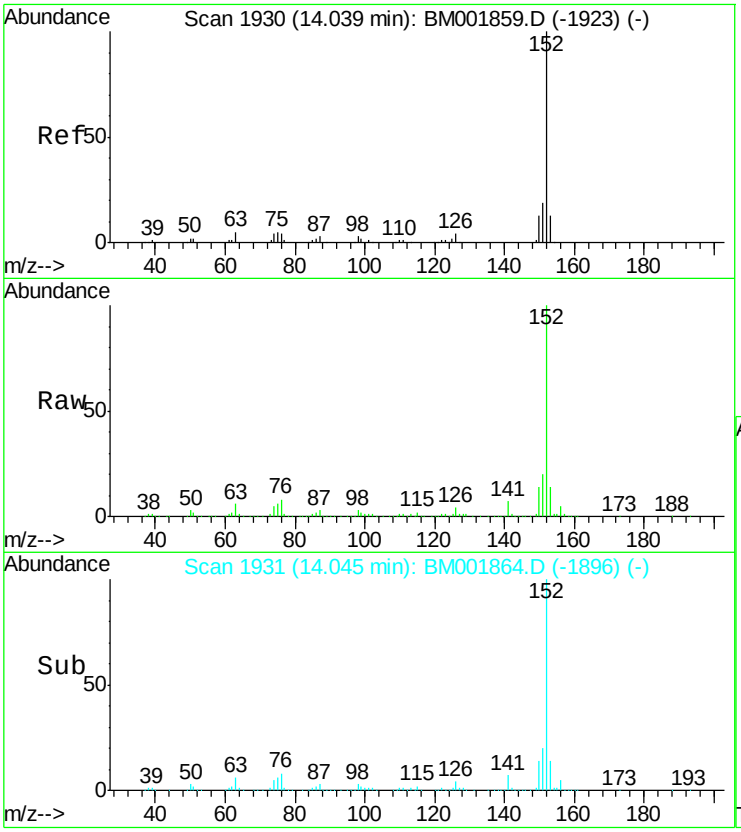


#44
Dimethylphthalate
Concen: 3.00 ng/ul
RT: 13.78 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:163 Resp: 35568

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4
164	10.3	8.0	12.0



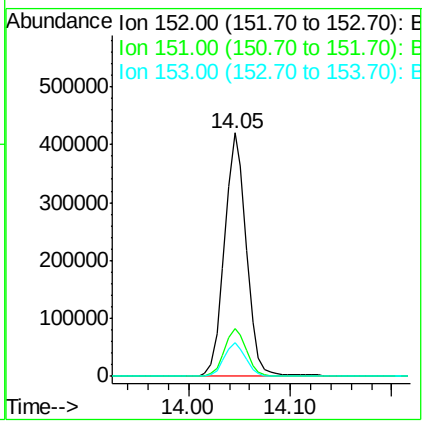


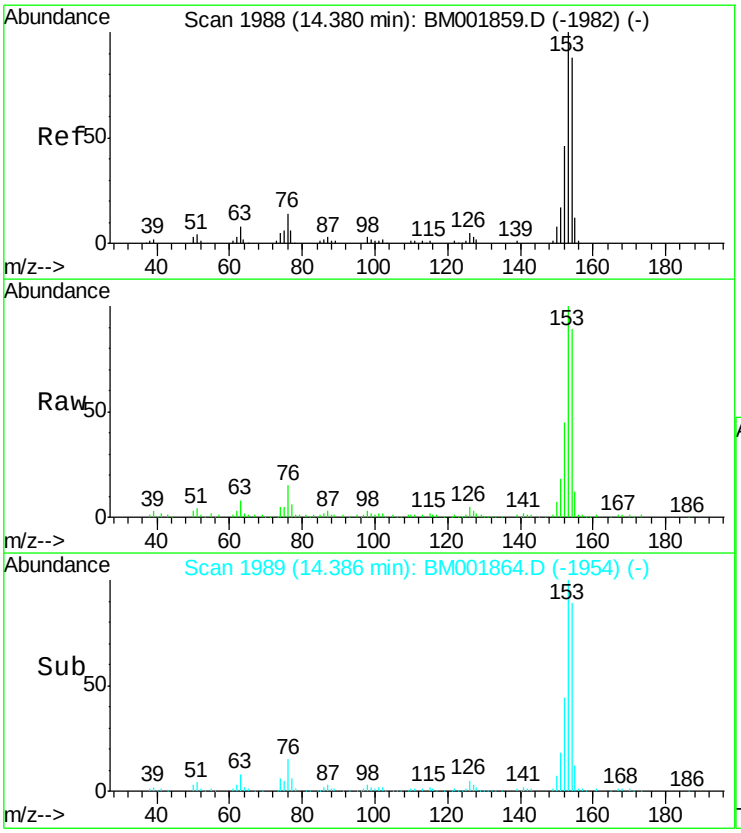
#47
Acenaphthylene
Concen: 43.61 ng/ul
RT: 14.05 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:152 Resp: 631254

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.6	10.0	15.0

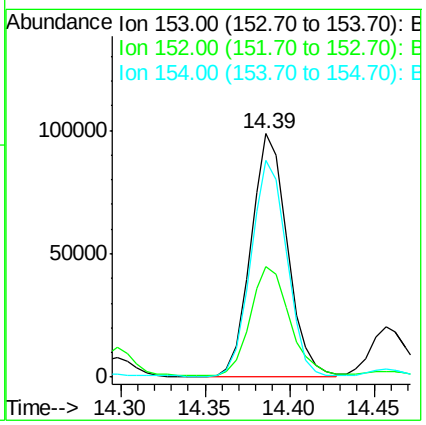


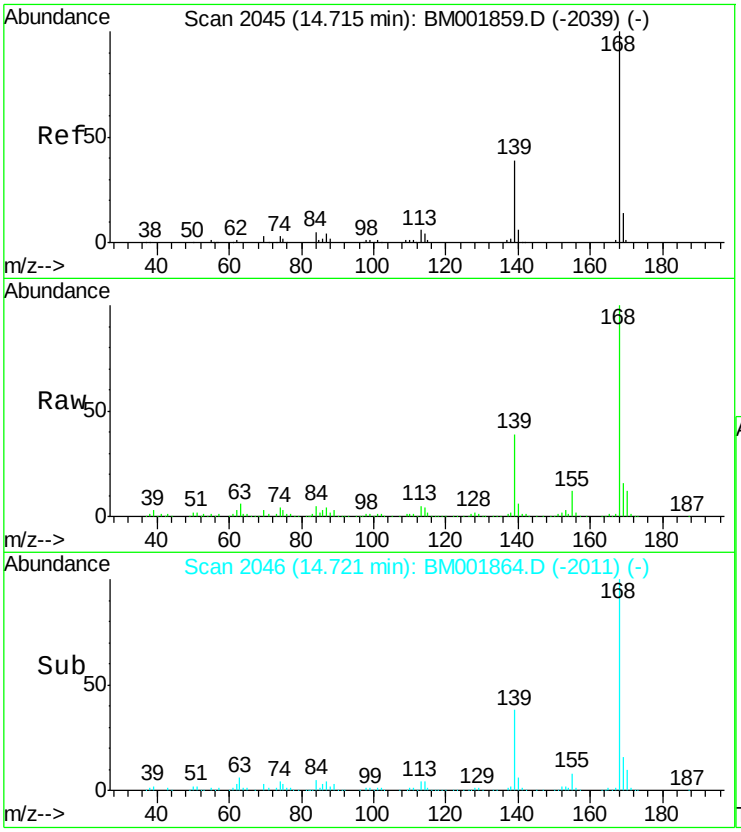


#49
Acenaphthene
Concen: 15.46 ng/ul
RT: 14.39 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:153 Resp: 149543

Ion	Ratio	Lower	Upper
153	100		
152	45.1	36.6	55.0
154	88.8	72.6	108.8



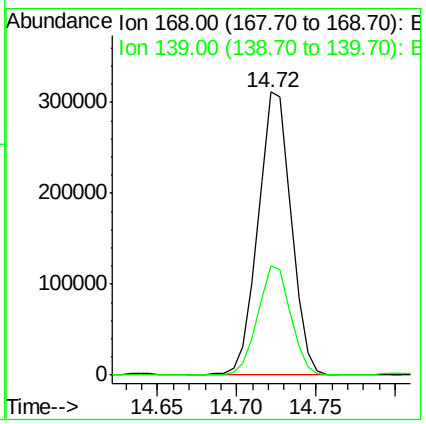


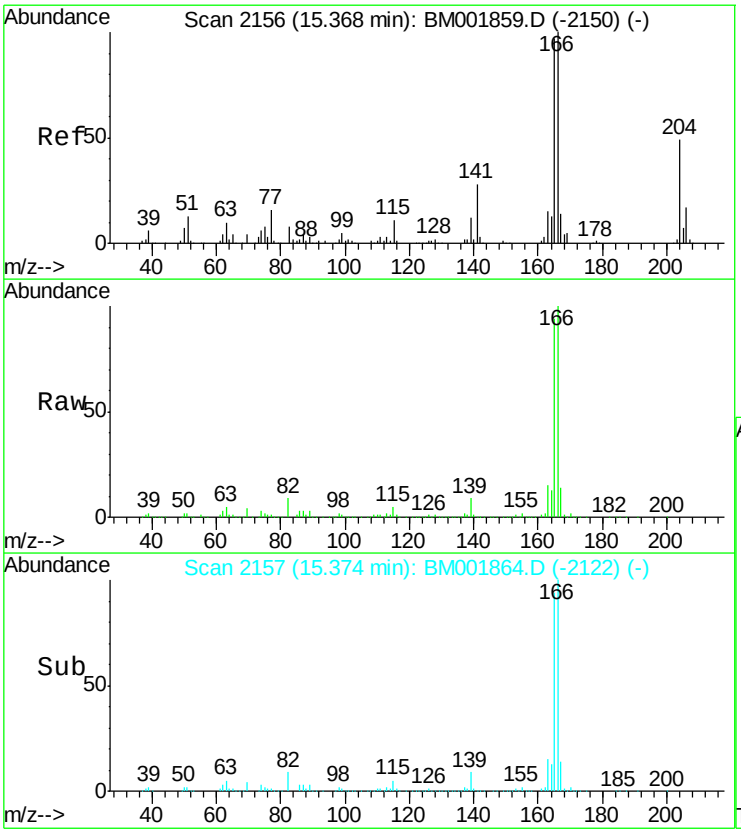
#53
Dibenzofuran
Concen: 32.93 ng/ul
RT: 14.72 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:168 Resp: 456185

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1

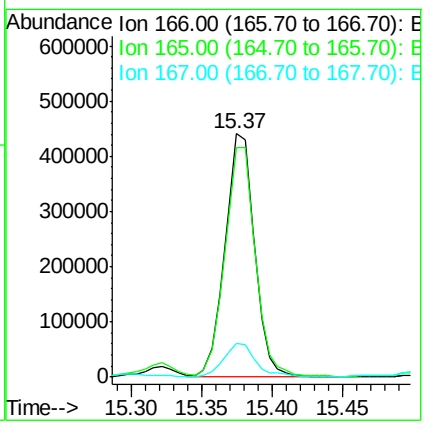


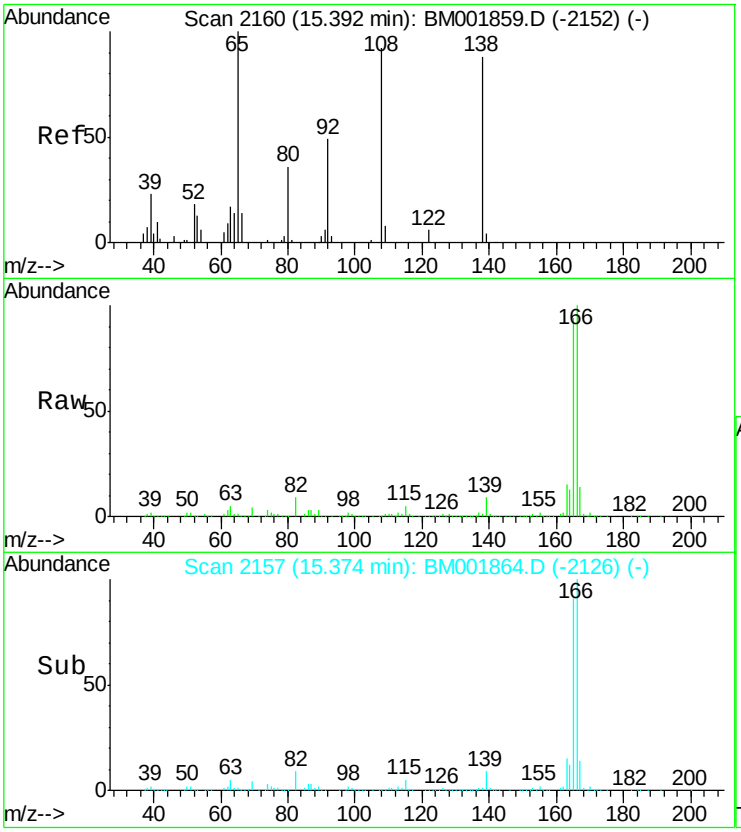


#58
Fluorene
Concen: 55.46 ng/ul
RT: 15.37 min Scan# 2157
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:166 Resp: 639460

Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.4	116.2
167	14.1	11.3	16.9



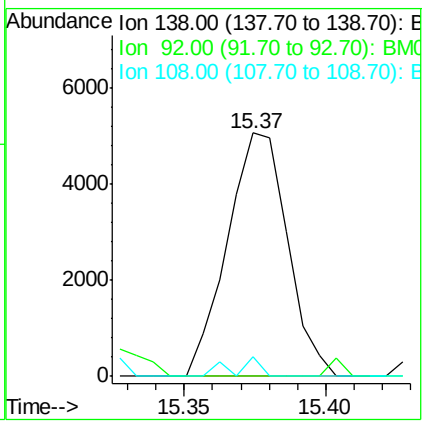


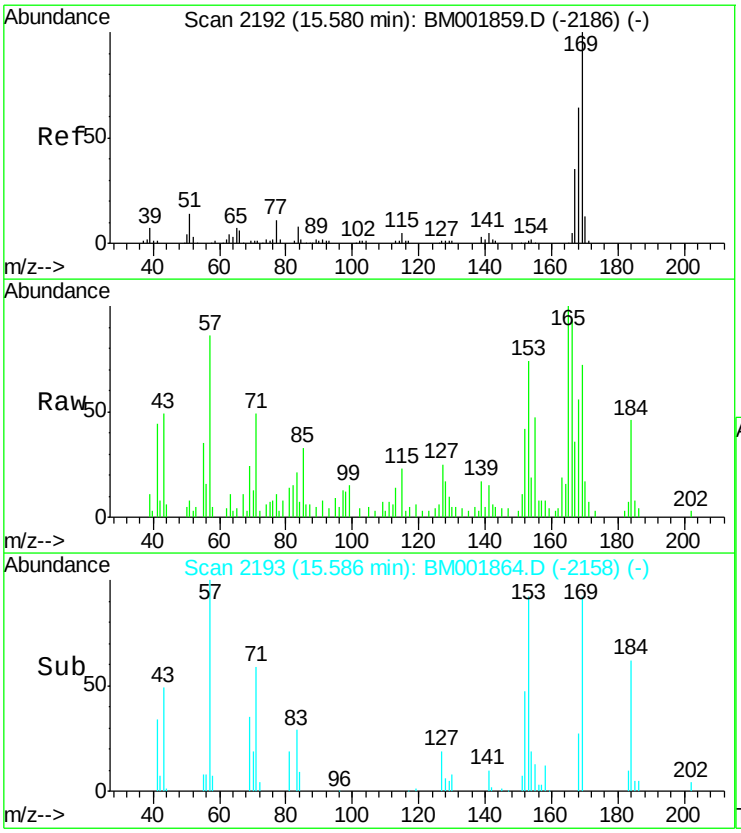
#60
4-Nitroaniline
Concen: 3.18 ng/ul
RT: 15.37 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:138 Resp: 7496

Ion	Ratio	Lower	Upper
138	100		
92	0.0	45.6	68.4#
108	7.8	89.6	134.4#

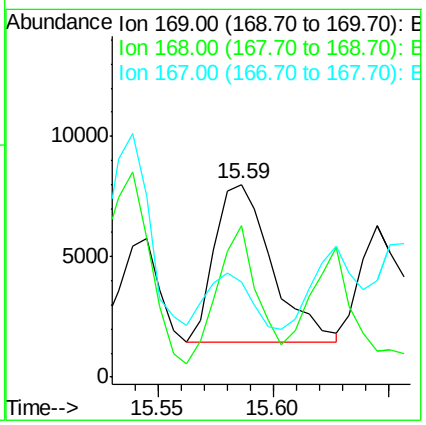


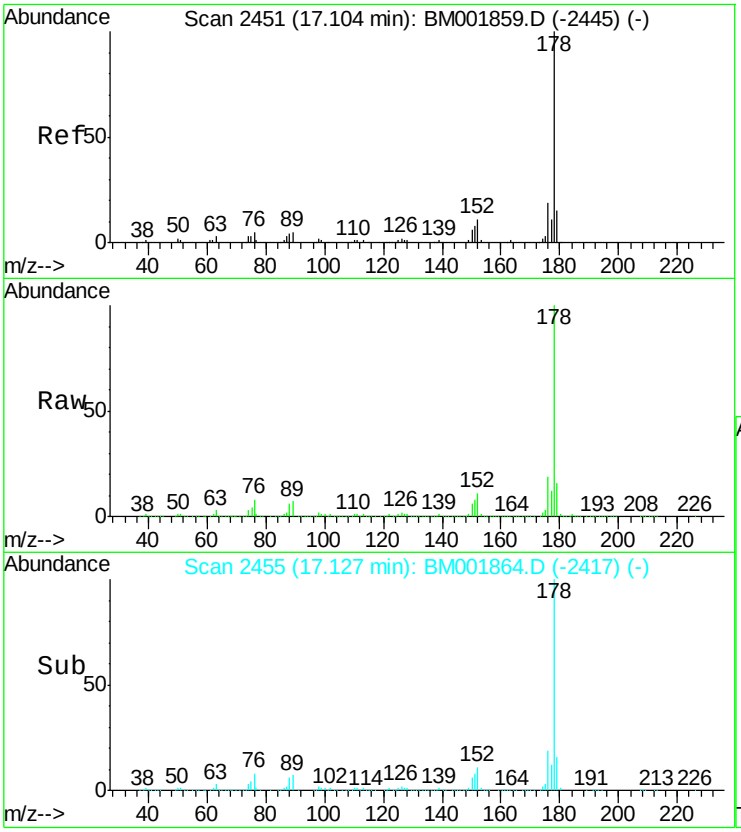


#64
N-Nitrosodiphenylamine
Concen: 1.22 ng/ul
RT: 15.59 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:169 Resp: 11181

Ion	Ratio	Lower	Upper
169	100		
168	78.3	52.9	79.3
167	49.6	27.5	41.3#



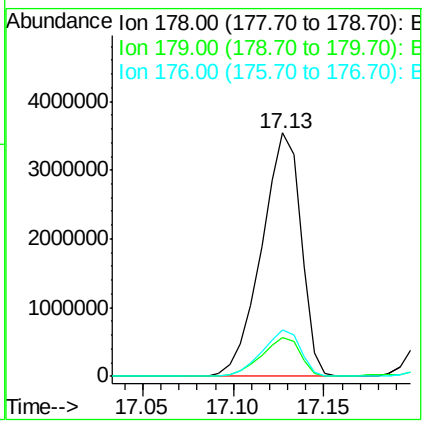


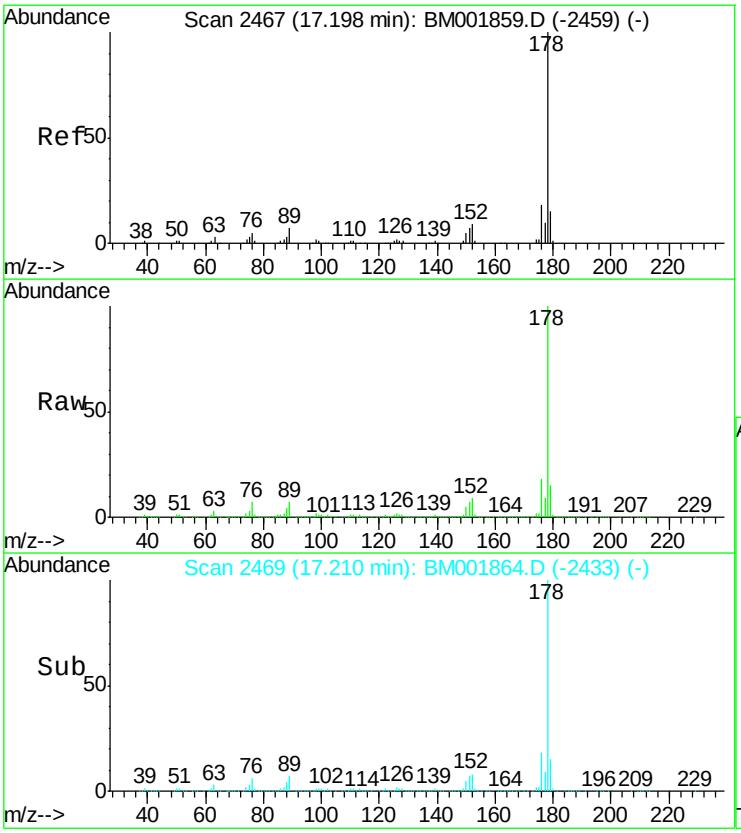
#69
Phenanthrene
Concen: 315.58 ng/ul
RT: 17.13 min Scan# 2455
Delta R.T. 0.02 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:178 Resp: 5362276

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.9	17.9
176	19.4	15.2	22.8

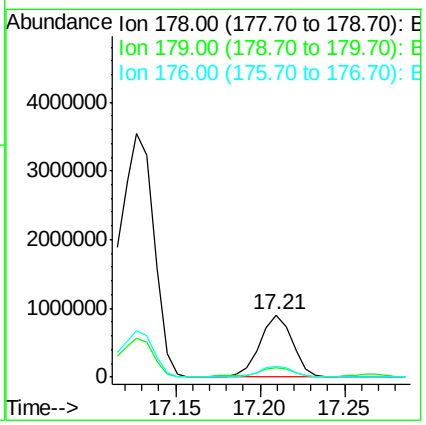


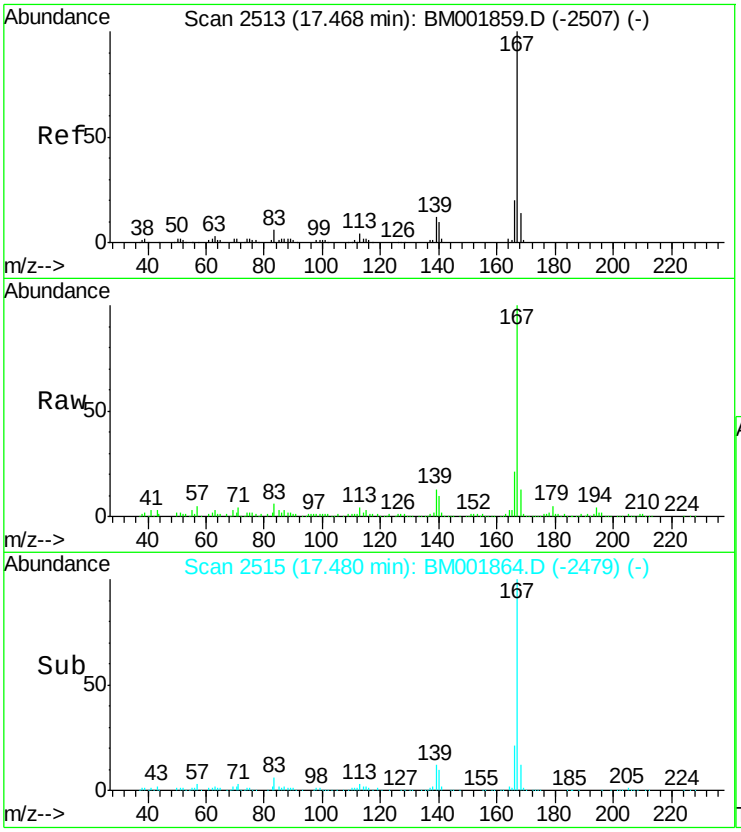


#71
Anthracene
Concen: 69.81 ng/ul
RT: 17.21 min Scan# 2469
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:178 Resp: 1217927

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	17.7	14.4	21.6



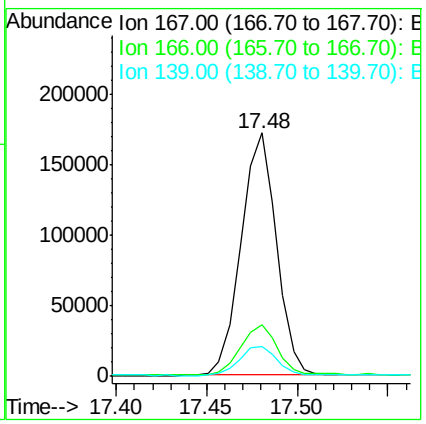


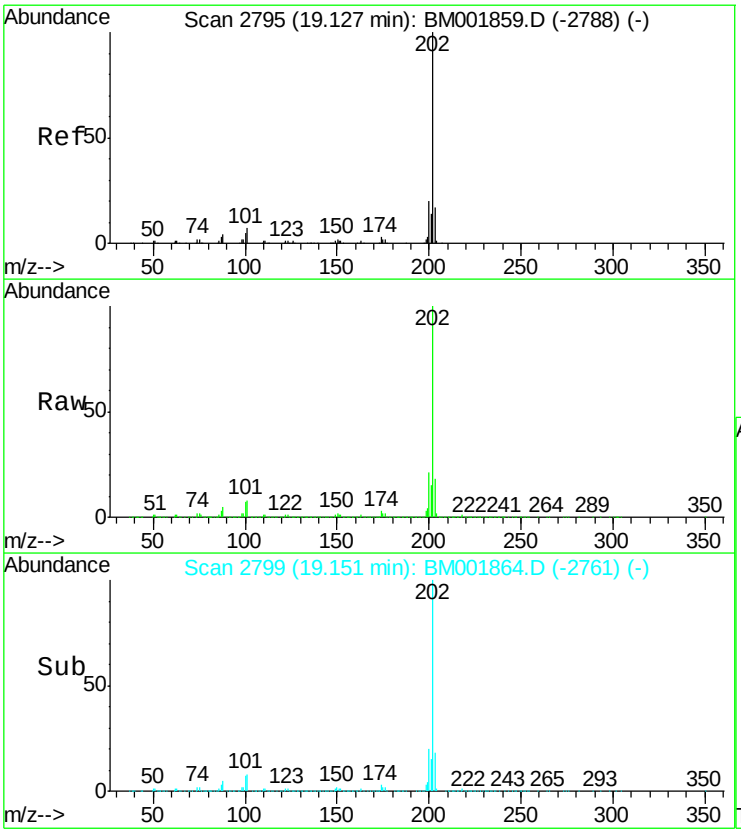
#74
Carbazole
Concen: 15.23 ng/ul
RT: 17.48 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:167 Resp: 233061

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	12.5	10.1	15.1

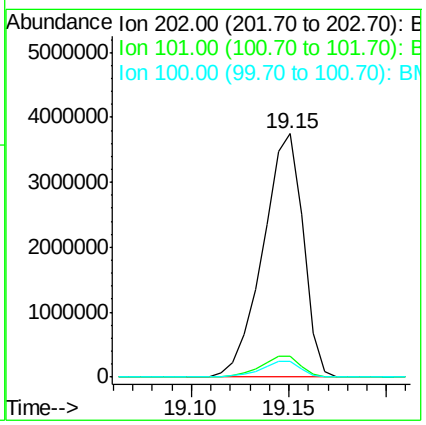


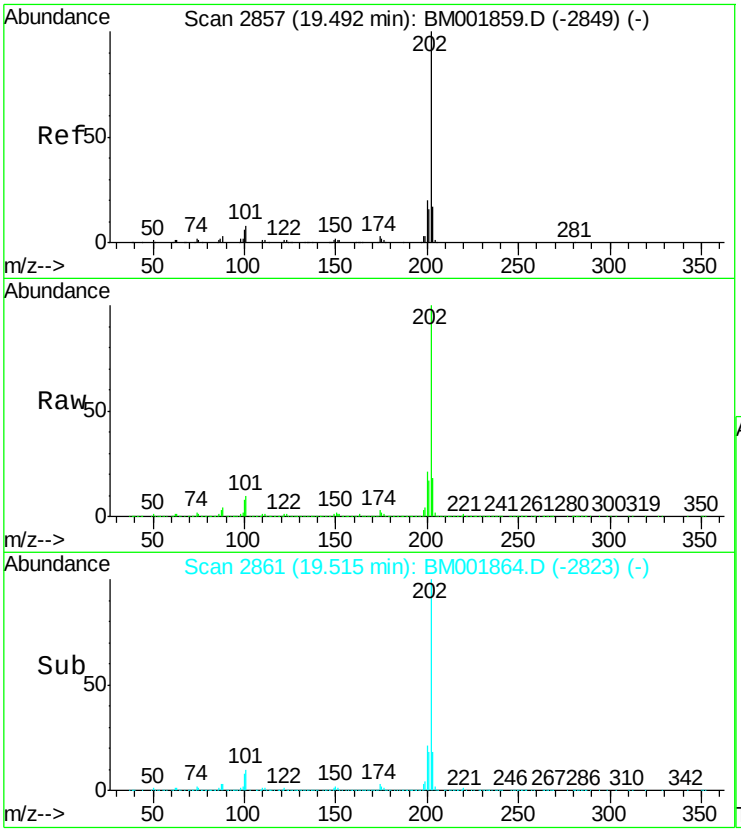


#76
Fluoranthene
Concen: 263.03 ng/ul
RT: 19.15 min Scan# 2799
Delta R.T. 0.02 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:202 Resp: 5345544

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.1	9.1
100	6.7	4.8	7.2



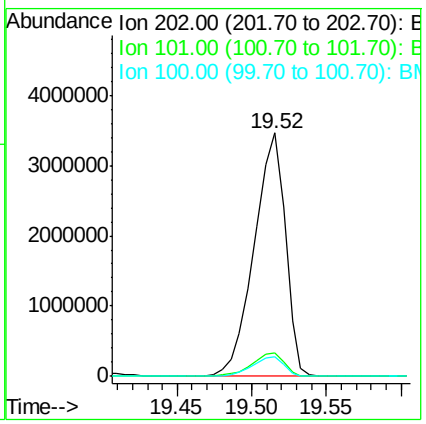


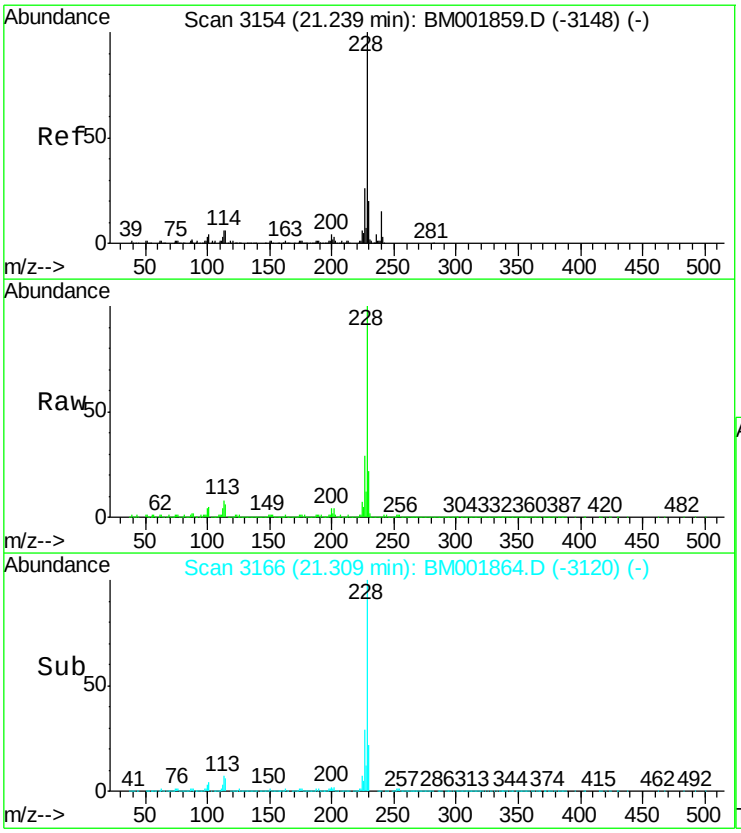
#79
Pyrene
Concen: 236.25 ng/ul
RT: 19.52 min Scan# 2861
Delta R.T. 0.02 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:202 Resp: 5008440

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.9	10.3
100	8.2	6.2	9.2

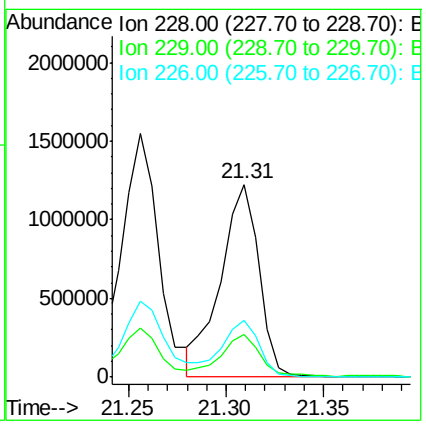


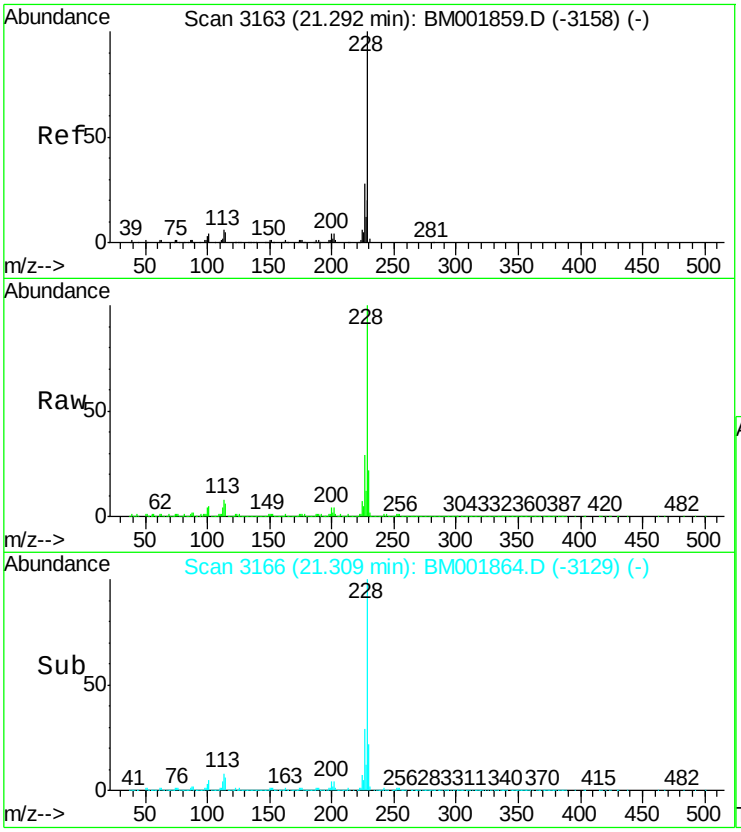


#82
Benzo(a)anthracene
Concen: 74.63 ng/ul
RT: 21.31 min Scan# 3166
Delta R.T. 0.07 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:228 Resp: 1666337

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.4	23.0
226	29.3	20.6	30.8



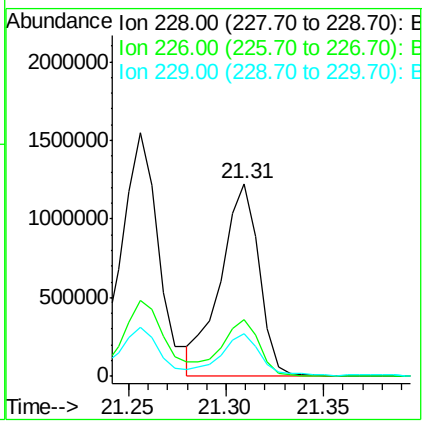


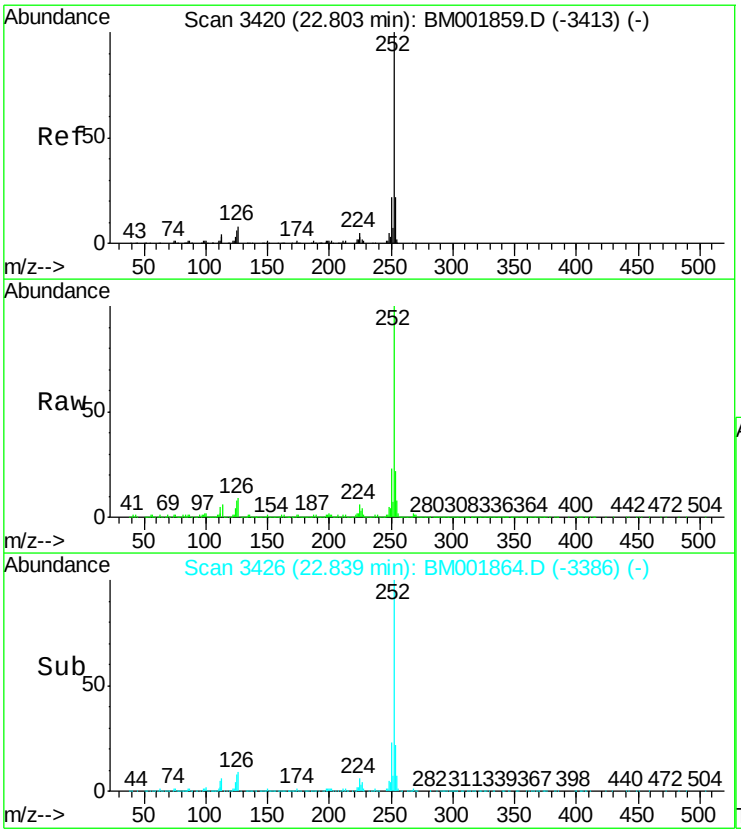
#84
Chrysene
Concen: 78.91 ng/ul
RT: 21.31 min Scan# 3166
Delta R.T. 0.02 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:228 Resp: 1669918

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	22.2	15.4	23.2

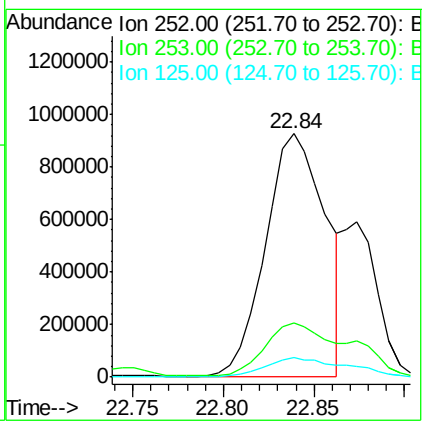


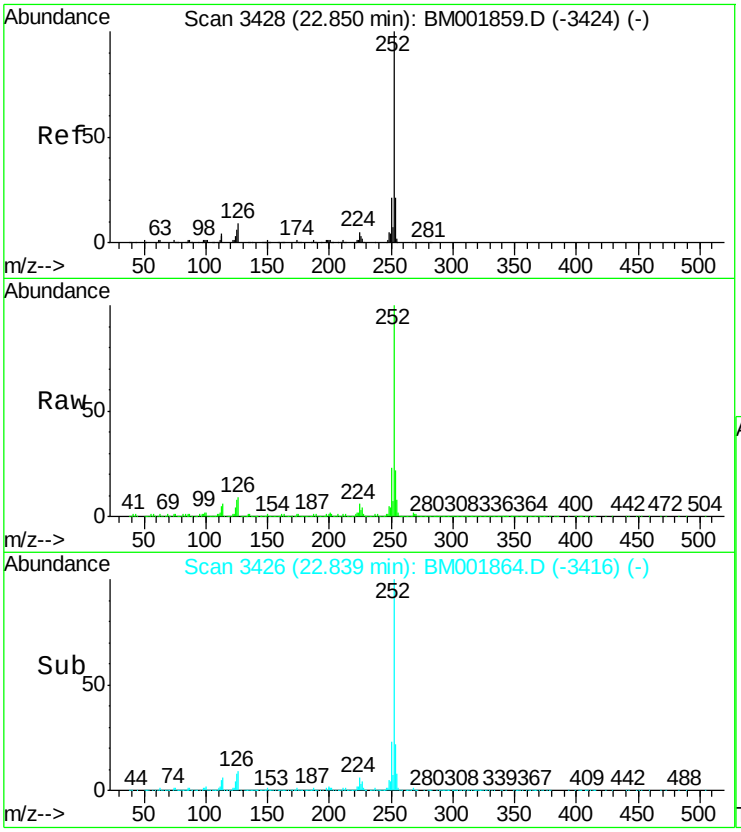


#87
Benzo(b)fluoranthene
Concen: 92.71 ng/ul
RT: 22.84 min Scan# 3426
Delta R.T. 0.04 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:252 Resp: 2124845

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.1	5.3	7.9#



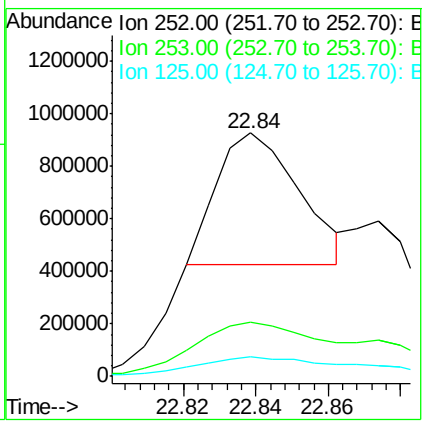


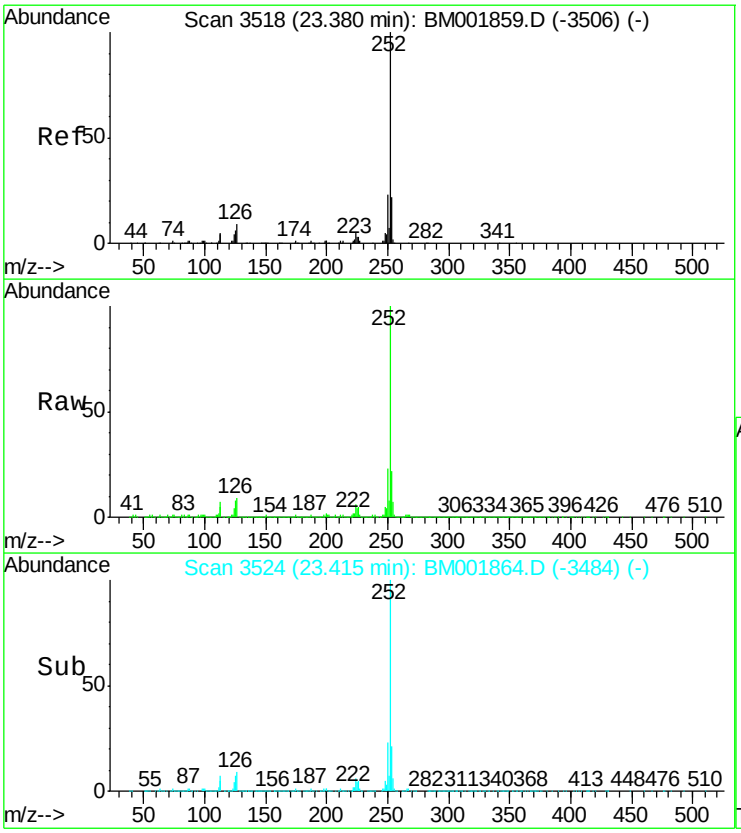
#88
Benzo(k)fluoranthene
Concen: 35.85 ng/ul
RT: 22.84 min Scan# 3426
Delta R.T. -0.01 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:252 Resp: 794041

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	8.1	5.3	7.9#

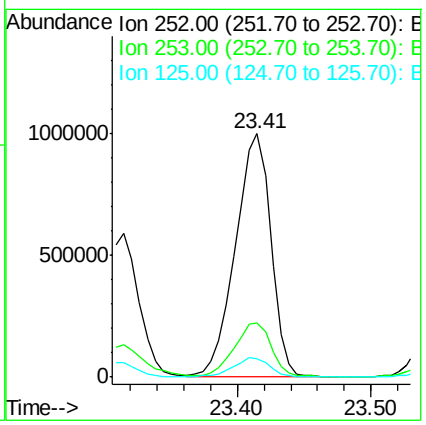


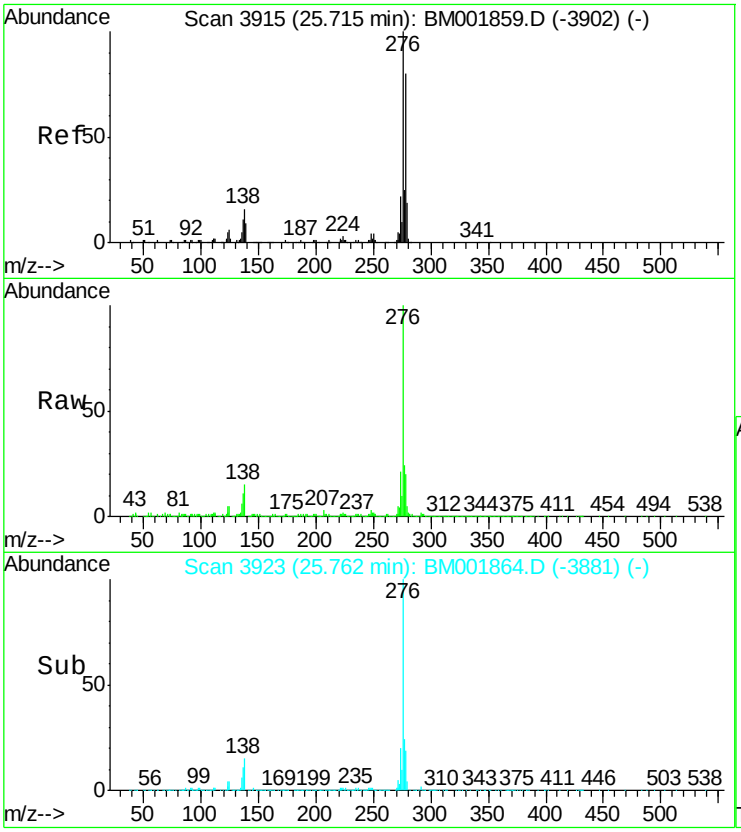


#90
Benzo(a)pyrene
Concen: 81.64 ng/ul
RT: 23.41 min Scan# 3524
Delta R.T. 0.04 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:252 Resp: 1820242

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	7.7	6.0	9.0



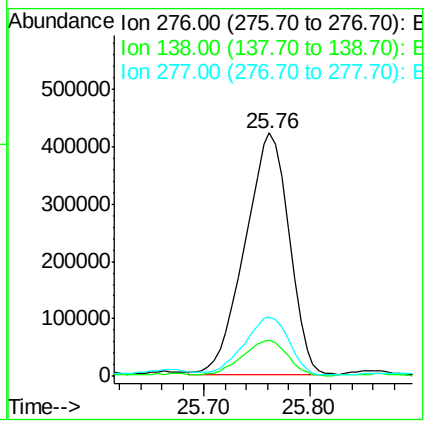


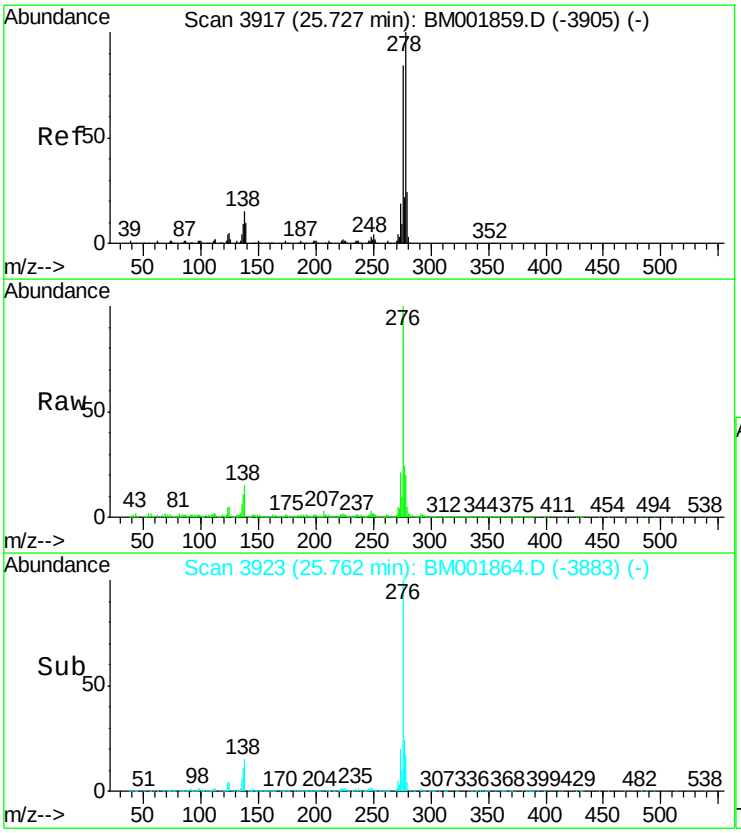
#91
Indeno(1,2,3-cd)pyrene
Concen: 46.31 ng/ul
RT: 25.76 min Scan# 3923
Delta R.T. 0.05 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:276 Resp: 1224314

Ion	Ratio	Lower	Upper
276	100		
138	15.1	14.7	22.1
277	24.3	19.7	29.5

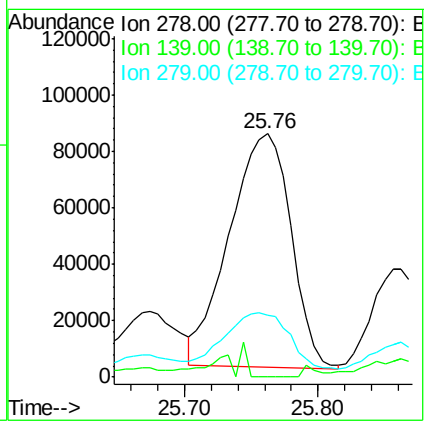


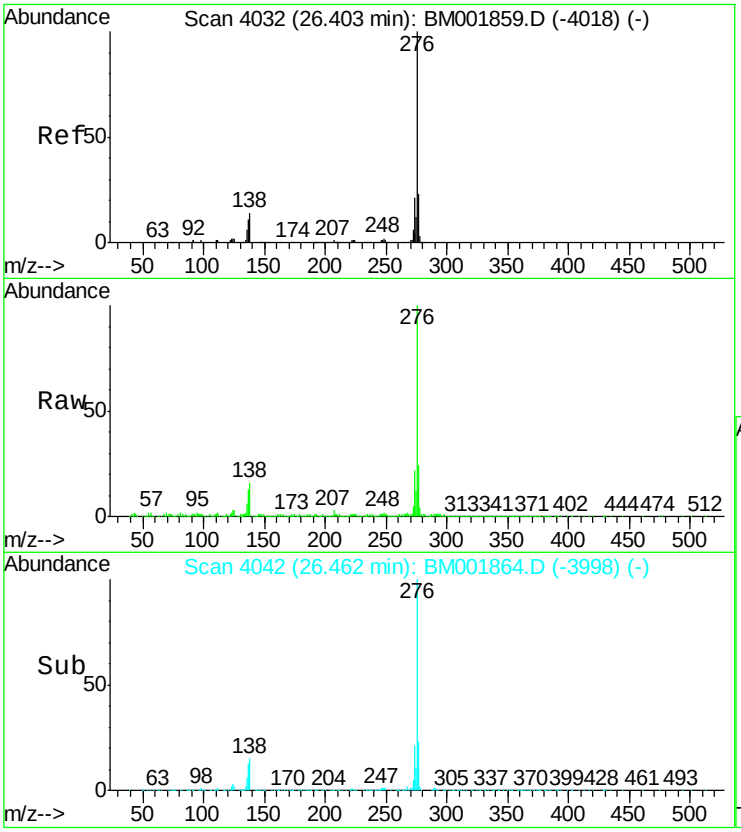


#92
Dibenzo(a,h)anthracene
Concen: 11.91 ng/ul
RT: 25.76 min Scan# 3923
Delta R.T. 0.04 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Tgt Ion:278 Resp: 265711

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.2	13.8#
279	25.7	19.1	28.7





#93
Benzo(g,h,i)perylene
Concen: 51.61 ng/ul
RT: 26.46 min Scan# 4042
Delta R.T. 0.06 min
Lab File: BM001864.D
Acq: 07 Jul 2015 12:30

Instrument :
BNA_M
ClientSampleId :
G93L8

Tgt Ion:276 Resp: 1147327

Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.6	19.0
277	24.1	18.7	28.1