Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001866.D
Acq On : 07 Jul 2015 14:01
Operator : TP/UM
Sample : G2860-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93K2

Quant Time: Jul 08 02:19:44 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	61893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	239215	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.33	164	136818	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.07	188	302709	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	361109	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	377614	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	5208	4.01	ng/uL	0.00
5) Phenol-d5	6.84	99	107069	22.52	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.00	67	60232	22.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	89900	23.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	80113	20.99	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	42765	25.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	48408	26.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	91805	23.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	103030	26.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	243333	23.98	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	332303	24.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	35192	18.80	ng/ul	0.01
57) Fluorene-d10	15.32	176	234432	24.90	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.46	200	9856	5.33	ng/ul	0.02
70) Anthracene-d10	17.17	188	353785	25.09	ng/ul	0.01
78) Pyrene-d10	19.47	212	405367	26.50	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.36	264	421044	25.30	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.89	88	13412	9.05	ng/uL#	1
17) Hexachloroethane	8.76	117	2206	1.41	ng/ul#	1
28) Naphthalene	10.51	128	1180441	97.73	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	436975	50.03	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	98526	8.82	ng/ul	99
44) Dimethylphthalate	13.78	163	72133	6.50	ng/ul#	96
47) Acenaphthylene	14.04	152	229210	16.90	ng/ul	98
49) Acenaphthene	14.39	153	60407	6.67	ng/ul	99
53) Dibenzofuran	14.72	168	64462	4.97	ng/ul	97
58) Fluorene	15.37	166	173148	16.03	ng/ul	99
69) Phenanthrene	17.12	178	1245751	75.90	ng/ul	99
71) Anthracene	17.20	178	284110	16.86	ng/ul	98
76) Fluoranthene	19.14	202	506040	25.78	ng/ul	100
79) Pyrene	19.50	202	975501	48.69	ng/ul	99
82) Benzo(a)anthracene	21.25	228	285976	13.55	ng/ul	94
84) Chrysene	21.30	228	229341	11.47	ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	260518	11.85	ng/ul#	96
88) Benzo(k)fluoranthene	22.83	252	223315	10.51	ng/ul#	95
90) Benzo(a)pyrene	23.40	252	270797	12.66	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.74	276	112343	4.43	ng/ul	95
92) Dibenzo(a,h)anthracene	25.76	278	32624	1.53	ng/ul#	72
93) Benzo(g,h,i)perylene	26.44	276	118106	5.54	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001866.D
Acq On : 07 Jul 2015 14:01
Operator : TP/UM
Sample : G2860-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93K2

Quant Time: Jul 08 02:19:44 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001866.D
Acq On : 07 Jul 2015 14:01
Operator : TP/UM
Sample : G2860-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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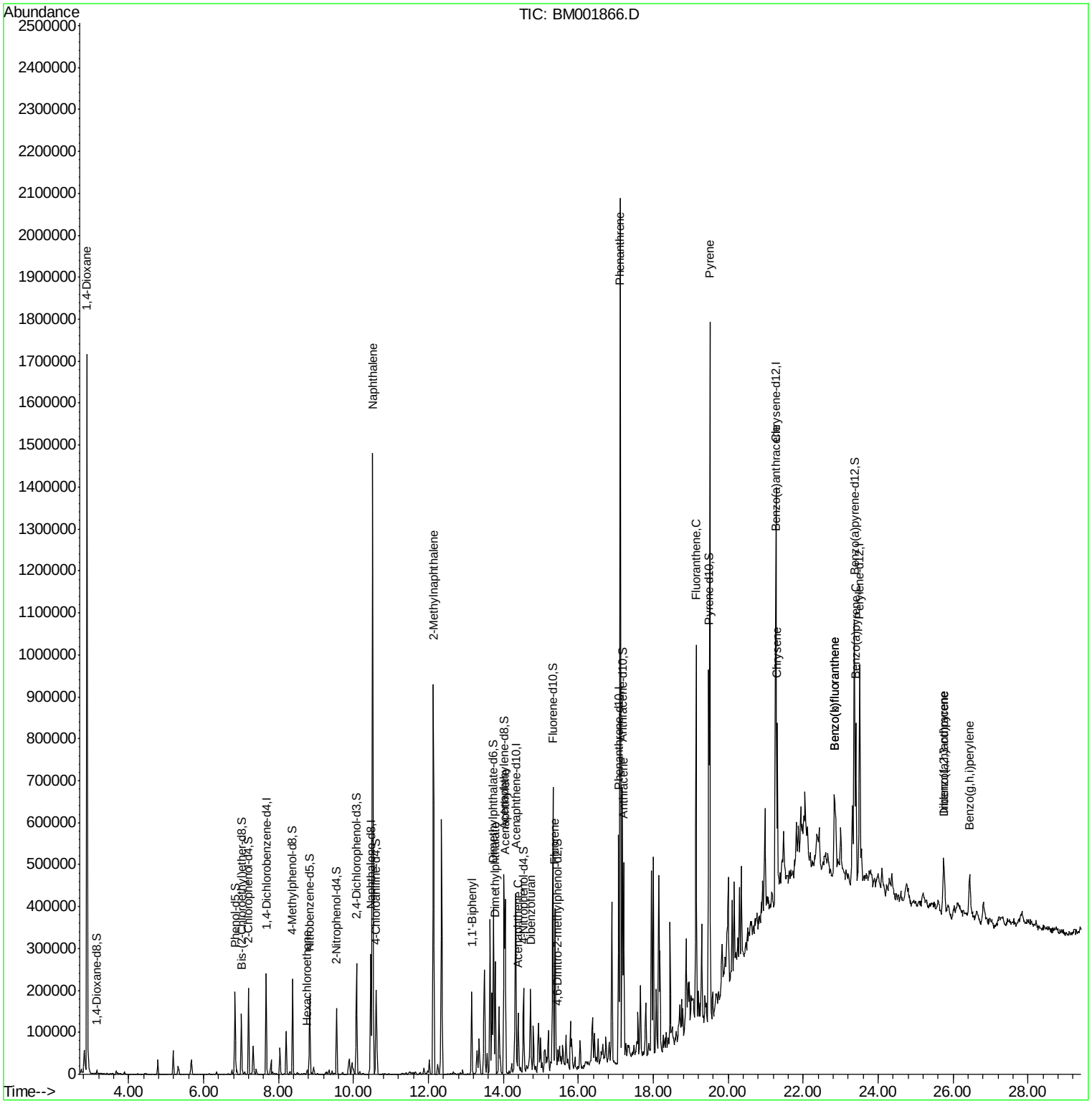
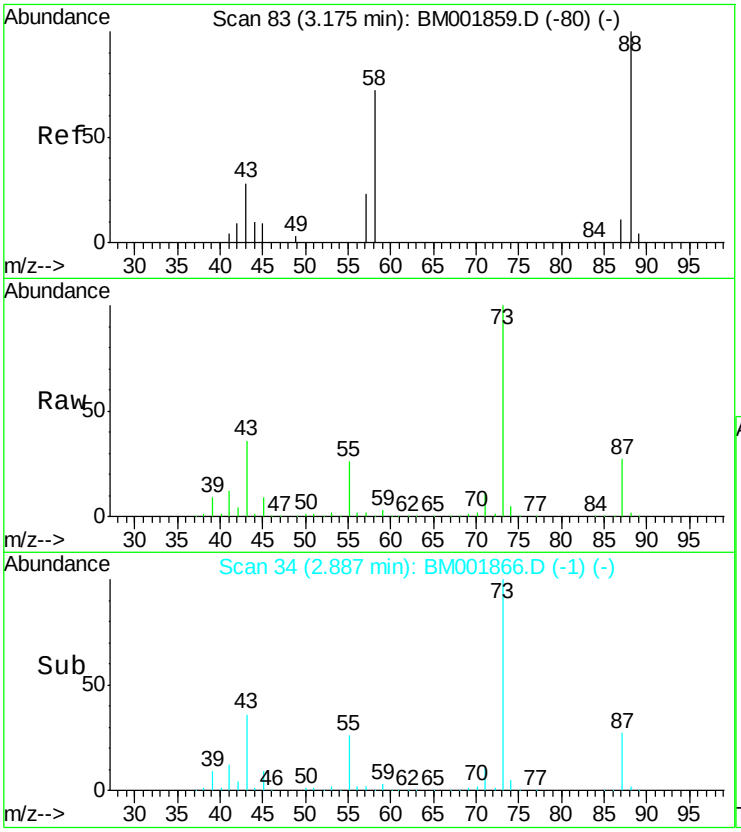
Quant Time: Jul 08 02:19:44 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 02:11:29 2015
Response via : Initial Calibration



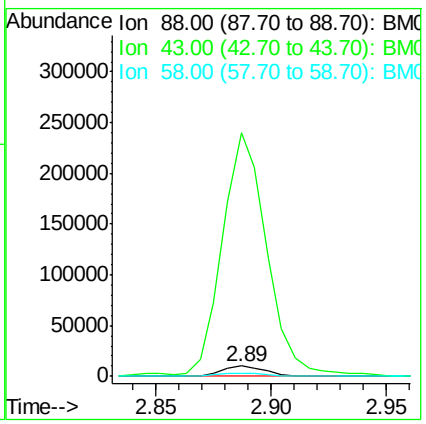


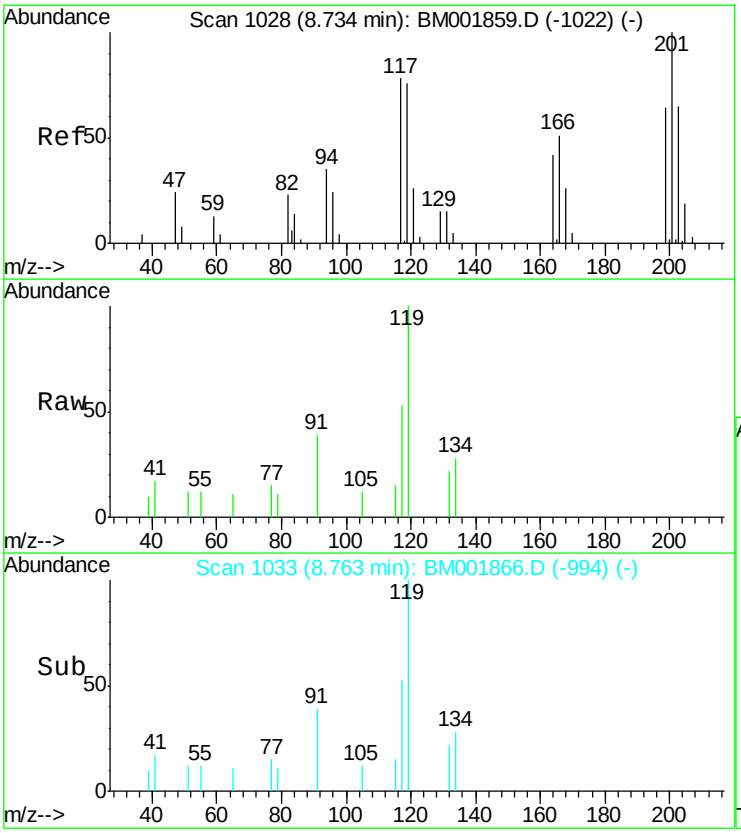
#2
1,4-Dioxane
Concen: 9.05 ng/uL
RT: 2.89 min Scan# 34
Delta R.T. -0.29 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion: 88 Resp: 13412

Ion	Ratio	Lower	Upper
88	100		
43	2401.4	24.2	36.4#
58	30.3	56.2	84.2#

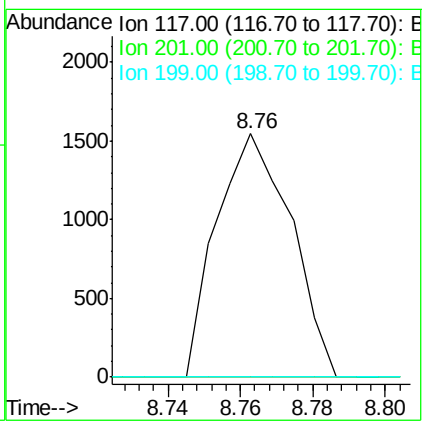


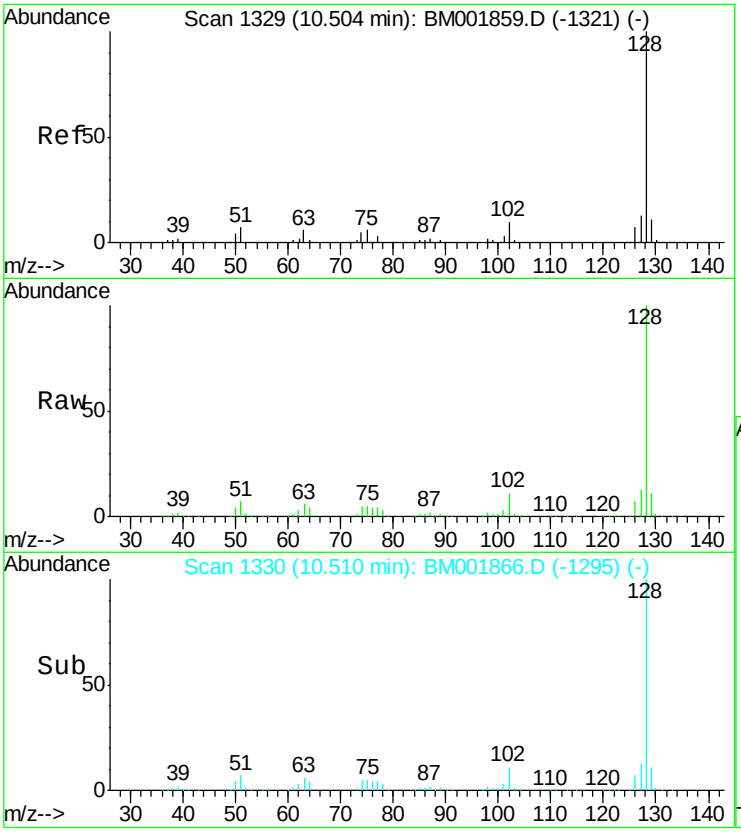


#17
Hexachloroethane
Concen: 1.41 ng/ul
RT: 8.76 min Scan# 1033
Delta R.T. 0.03 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:117 Resp: 2206

Ion	Ratio	Lower	Upper
117	100		
201	0.0	92.1	138.1#
199	0.0	60.6	90.8#



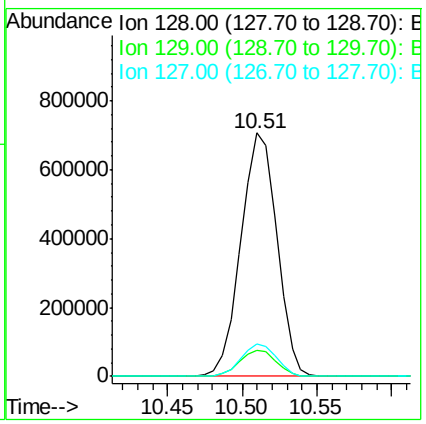


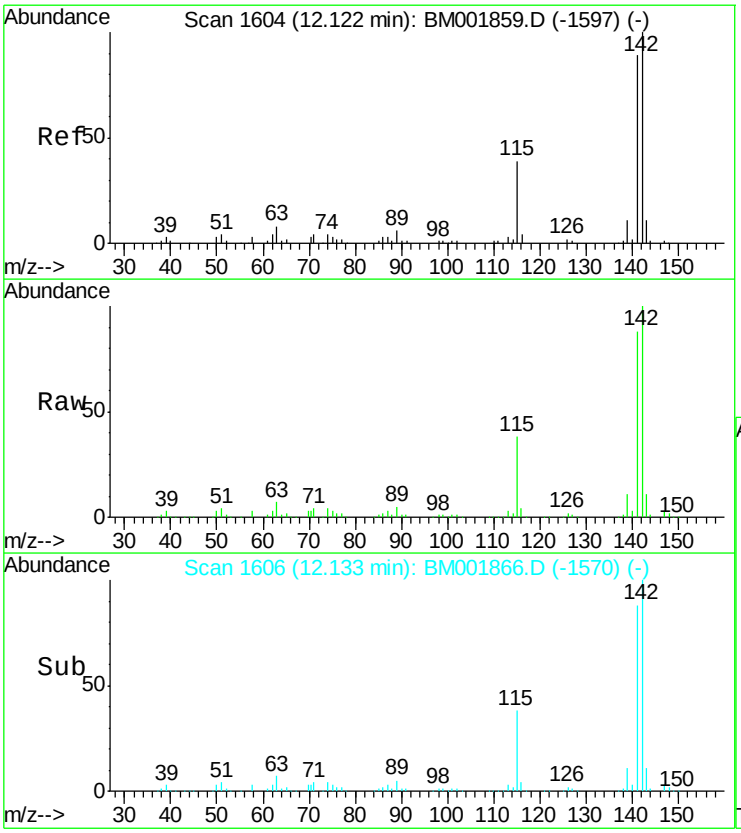
#28
Naphthalene
Concen: 97.73 ng/ul
RT: 10.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:128 Resp: 1180441

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.0	15.0

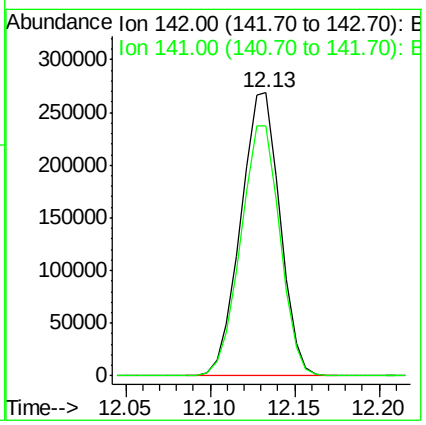


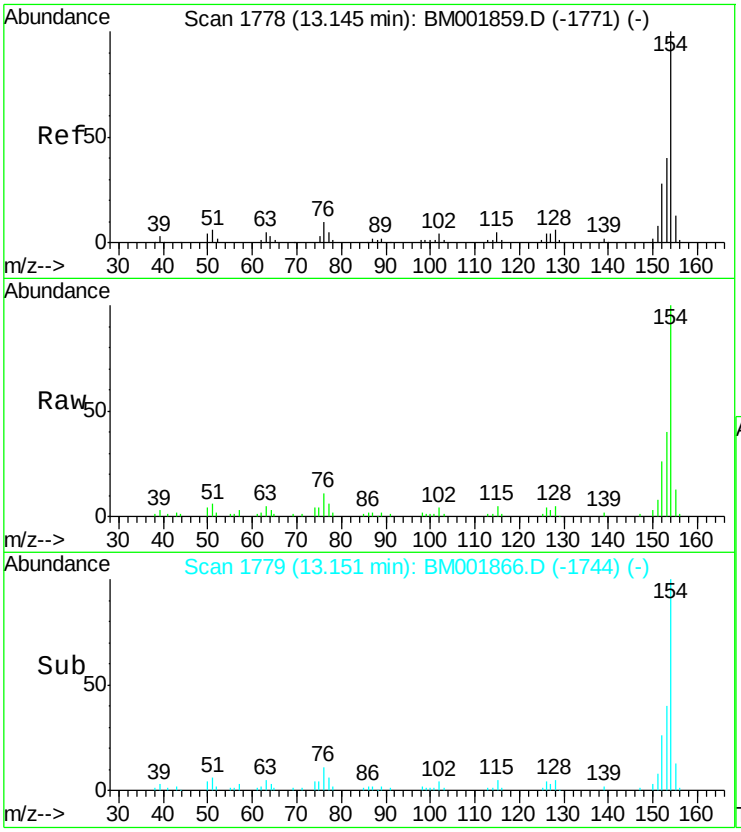


#34
2-Methylnaphthalene
Concen: 50.03 ng/ul
RT: 12.13 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:142 Resp: 436975

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.6	107.4



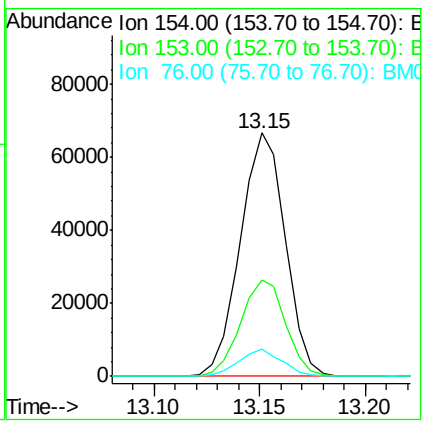


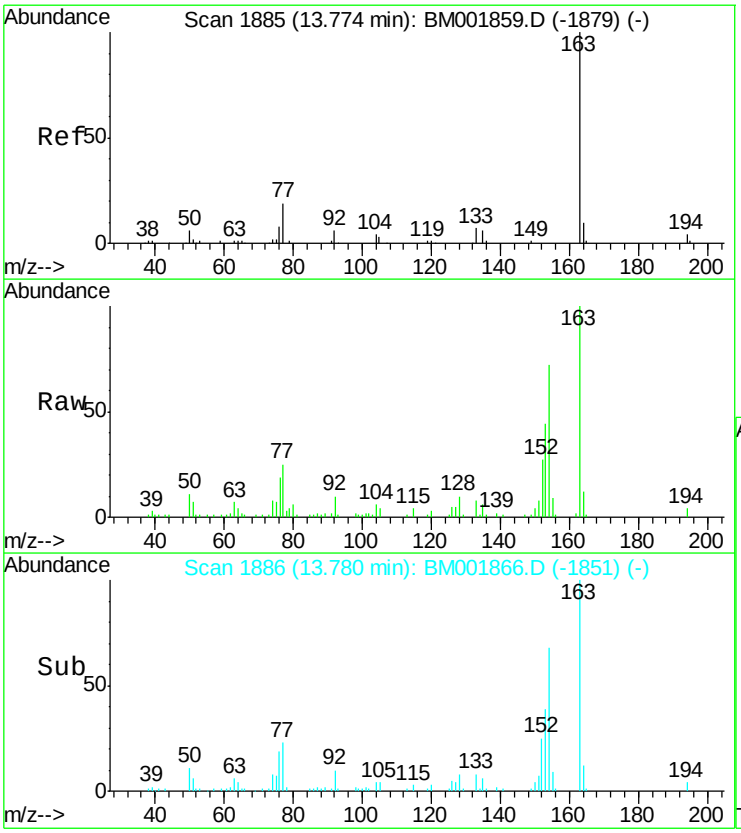
#40
1,1'-Biphenyl
Concen: 8.82 ng/ul
RT: 13.15 min Scan# 1779
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:154 Resp: 98526

Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.5	48.7
76	11.1	9.0	13.6

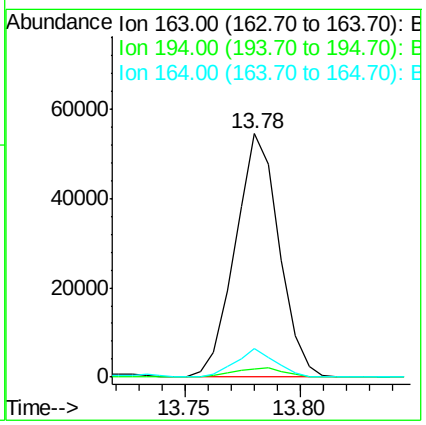


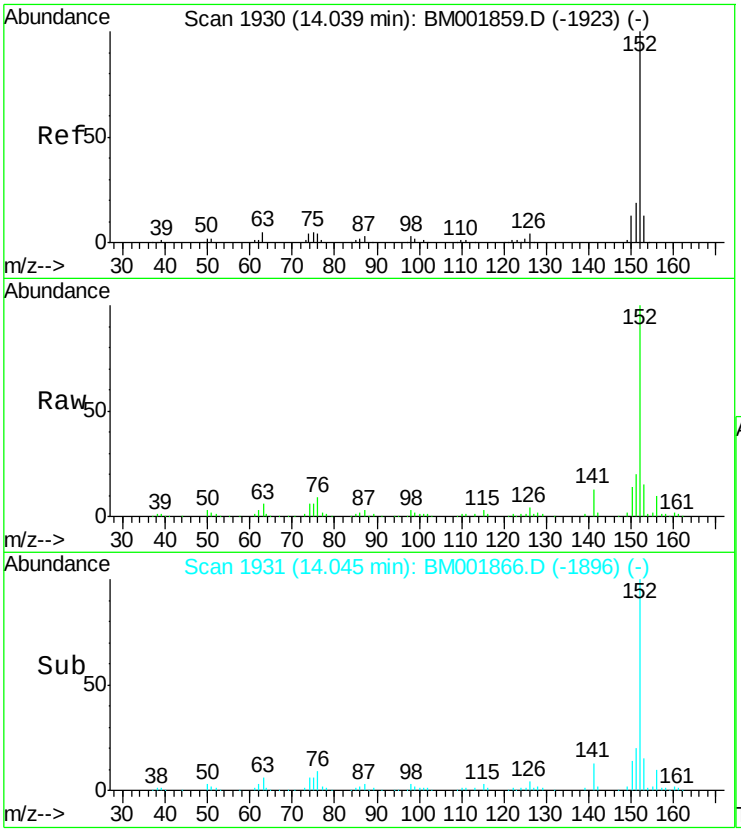


#44
Dimethylphthalate
Concen: 6.50 ng/ul
RT: 13.78 min Scan# 1886
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:163 Resp: 72133

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4#
164	11.6	8.0	12.0



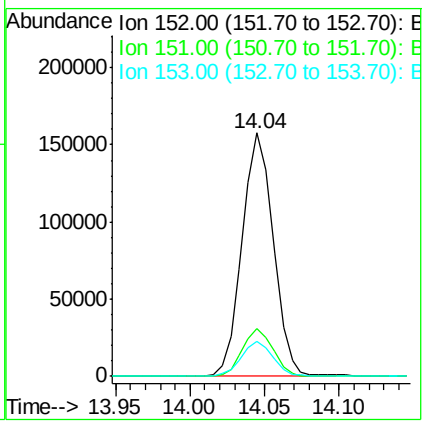


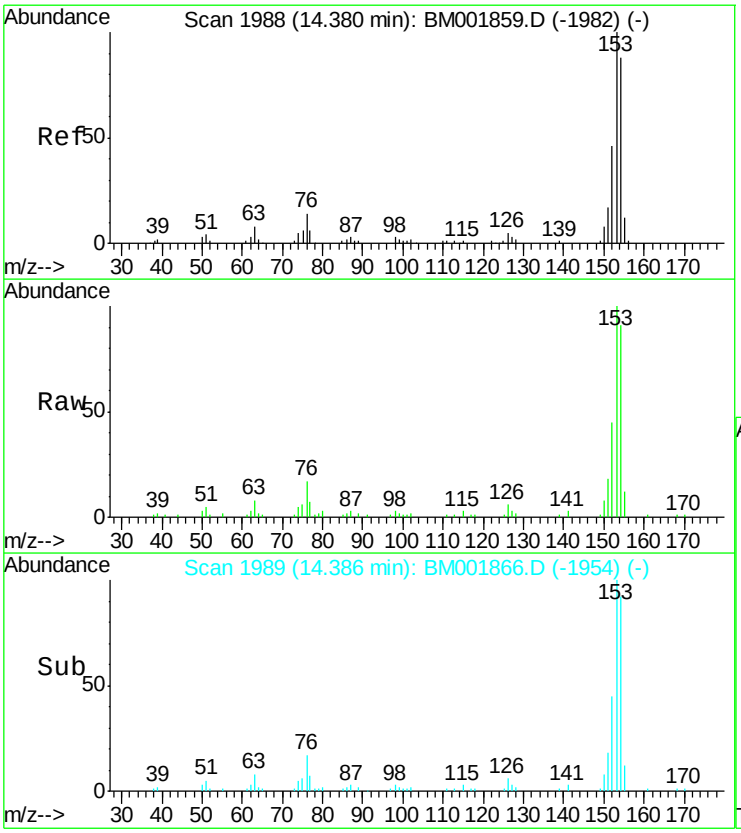
#47
Acenaphthylene
Concen: 16.90 ng/ul
RT: 14.04 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:152 Resp: 229210

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	14.6	10.0	15.0

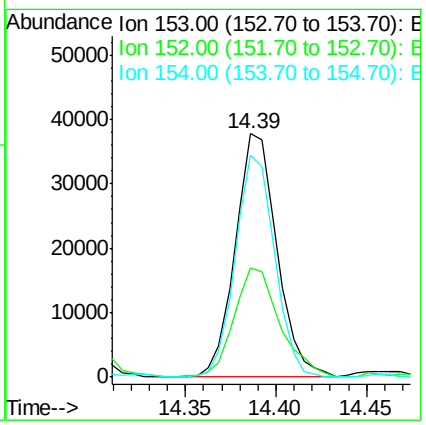


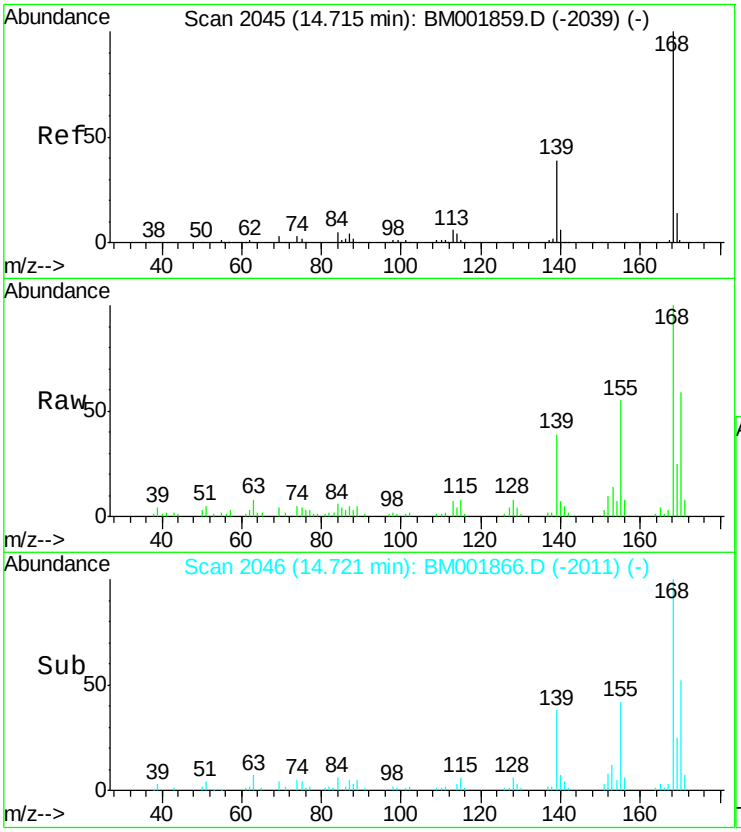


#49
Acenaphthene
Concen: 6.67 ng/ul
RT: 14.39 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:153 Resp: 60407

Ion	Ratio	Lower	Upper
153	100		
152	45.0	36.6	55.0
154	91.1	72.6	108.8



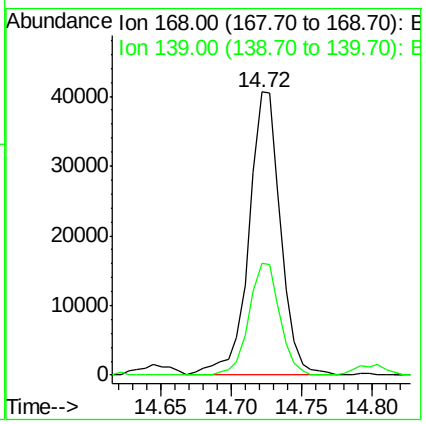


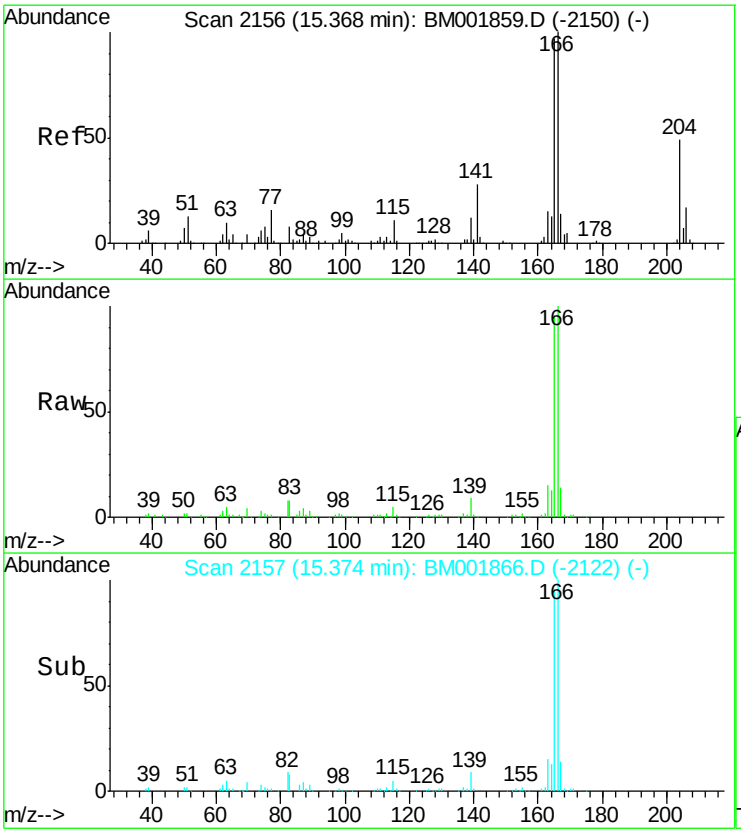
#53
Dibenzofuran
Concen: 4.97 ng/ul
RT: 14.72 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:168 Resp: 64462

Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1

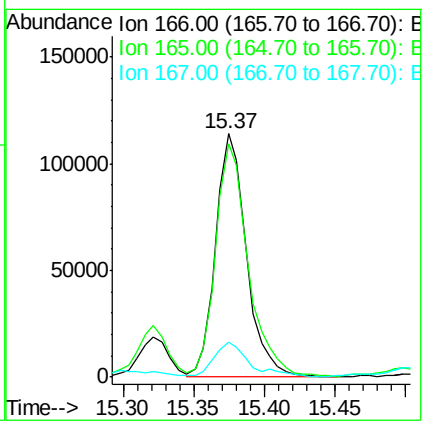


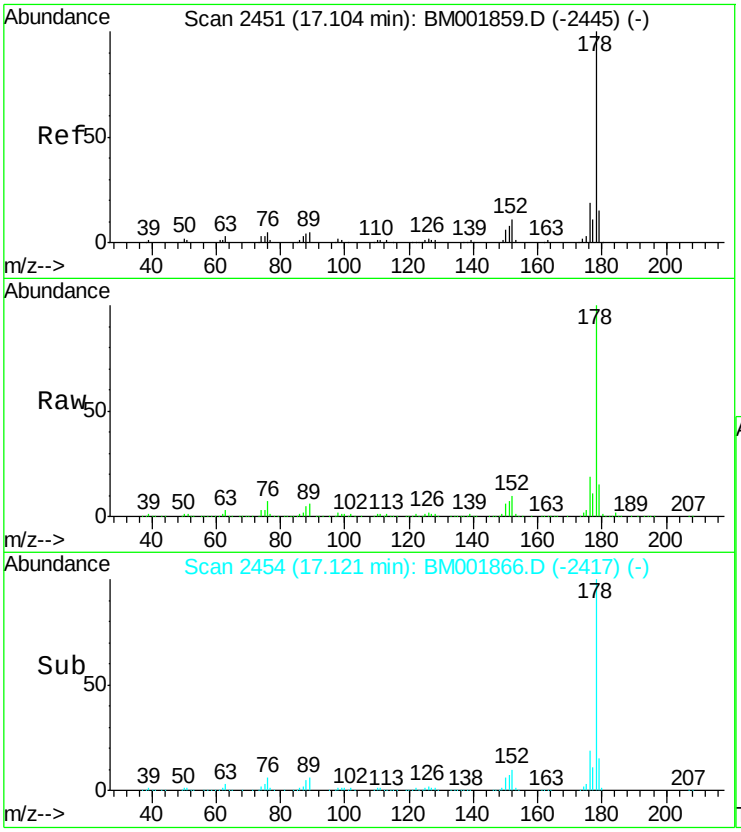


#58
Fluorene
Concen: 16.03 ng/ul
RT: 15.37 min Scan# 2157
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:166 Resp: 173148

Ion	Ratio	Lower	Upper
166	100		
165	95.9	77.4	116.2
167	14.3	11.3	16.9



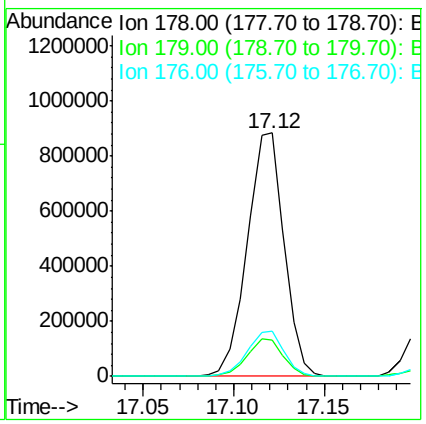


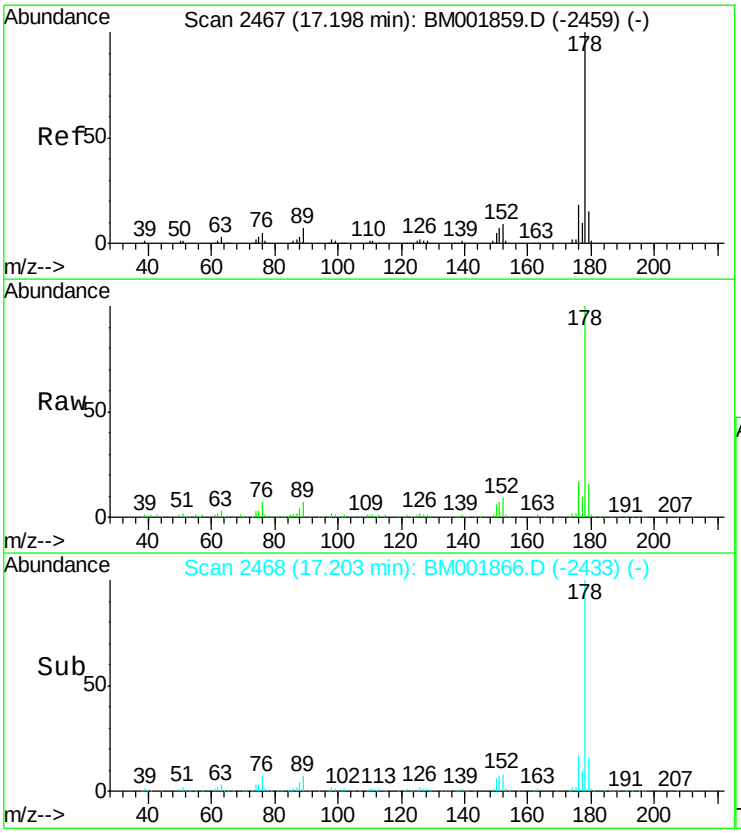
#69
Phenanthrene
Concen: 75.90 ng/ul
RT: 17.12 min Scan# 2454
Delta R.T. 0.02 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:178 Resp: 1245751

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.9	17.9
176	18.6	15.2	22.8

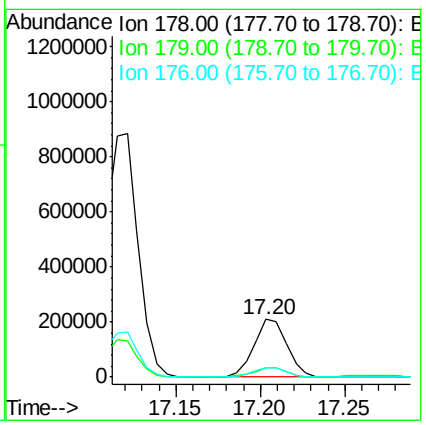


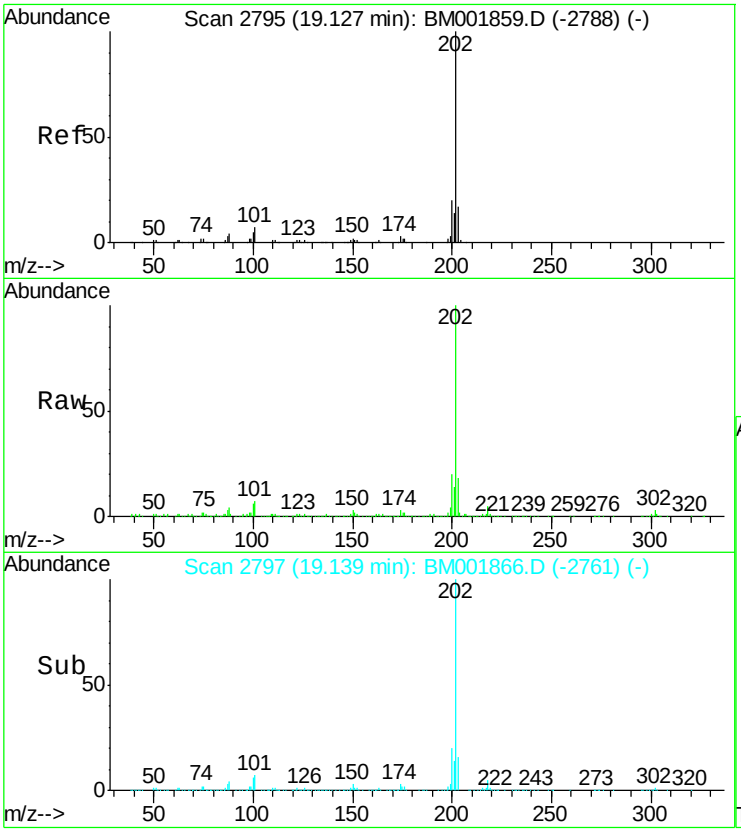


#71
Anthracene
Concen: 16.86 ng/ul
RT: 17.20 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:178 Resp: 284110

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	17.4	14.4	21.6



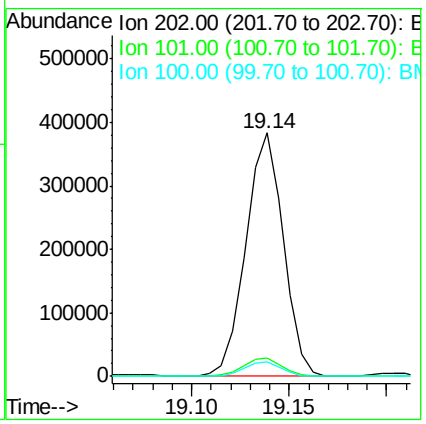


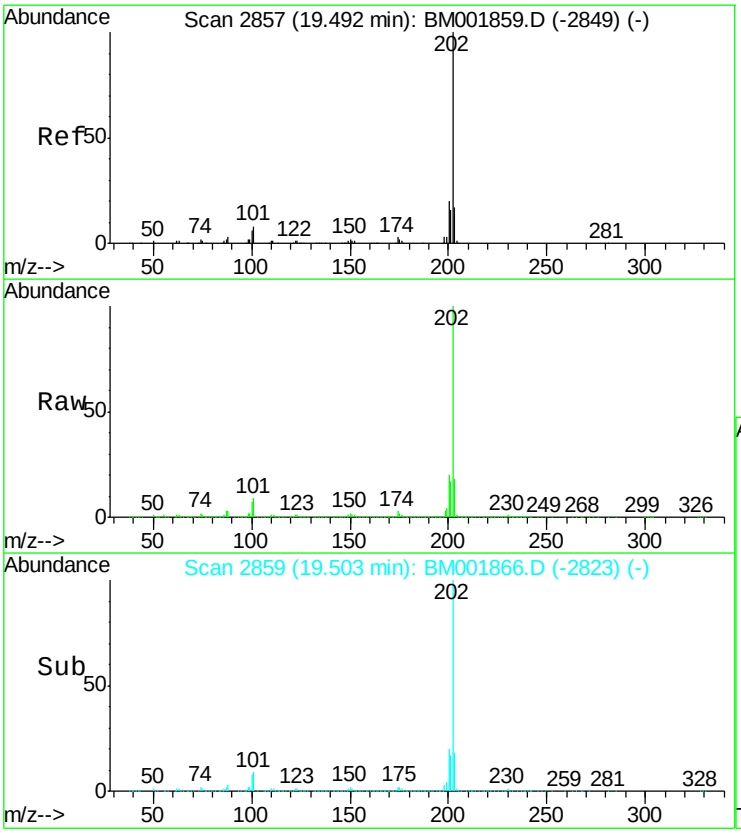
#76
Fluoranthene
Concen: 25.78 ng/ul
RT: 19.14 min Scan# 2797
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:202 Resp: 506040

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.1	9.1
100	6.0	4.8	7.2

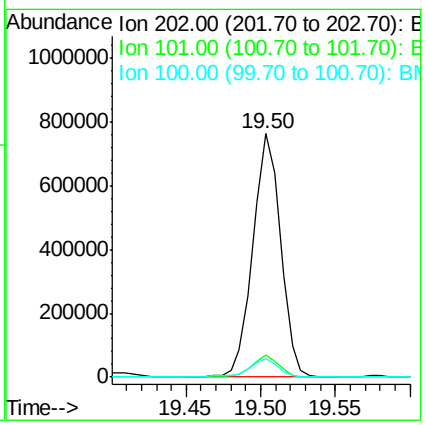


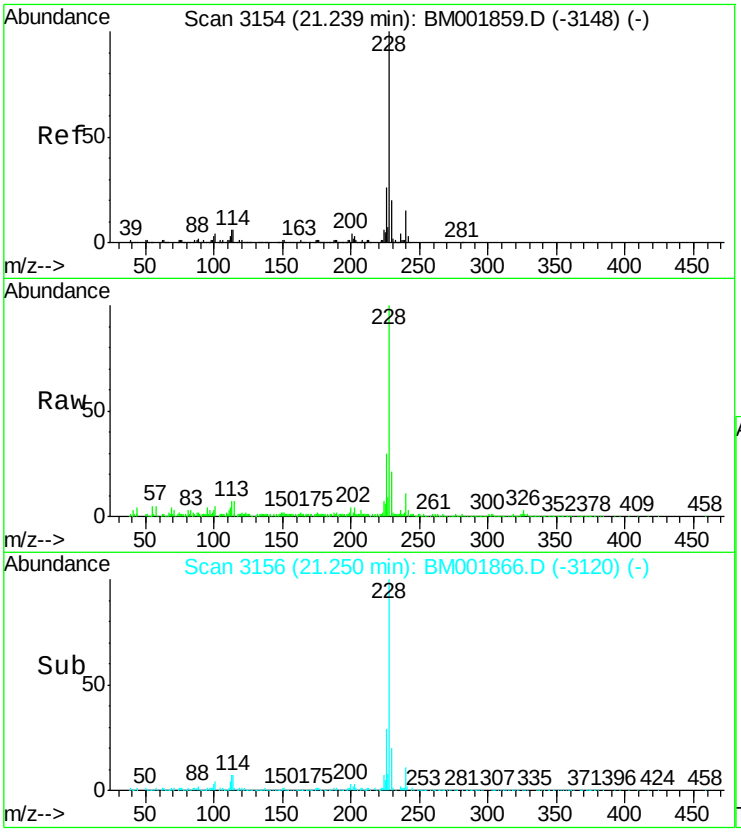


#79
Pyrene
Concen: 48.69 ng/ul
RT: 19.50 min Scan# 2859
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:202 Resp: 975501

Ion	Ratio	Lower	Upper
202	100		
101	8.9	6.9	10.3
100	7.4	6.2	9.2



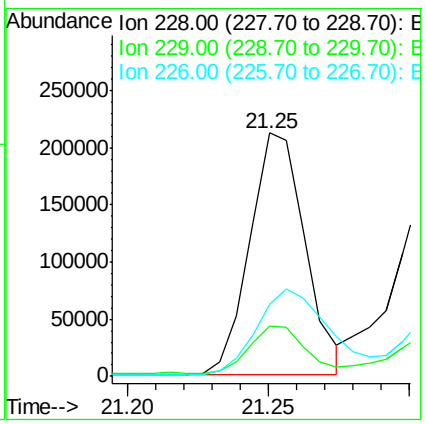


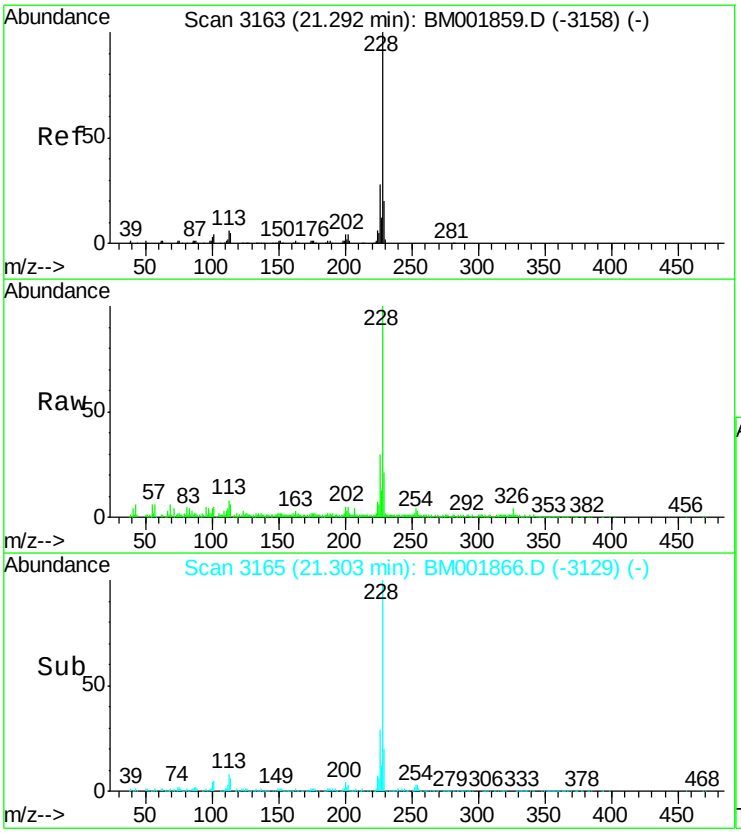
#82
Benzo(a)anthracene
Concen: 13.55 ng/ul
RT: 21.25 min Scan# 3156
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:228 Resp: 285976

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	29.8	20.6	30.8

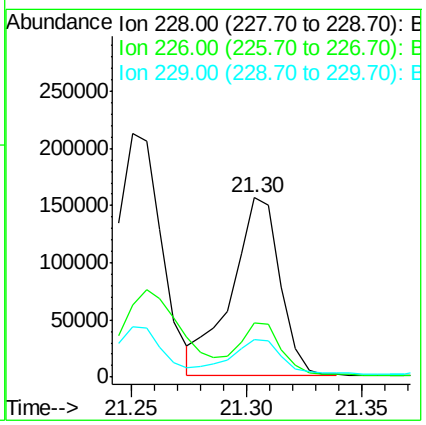


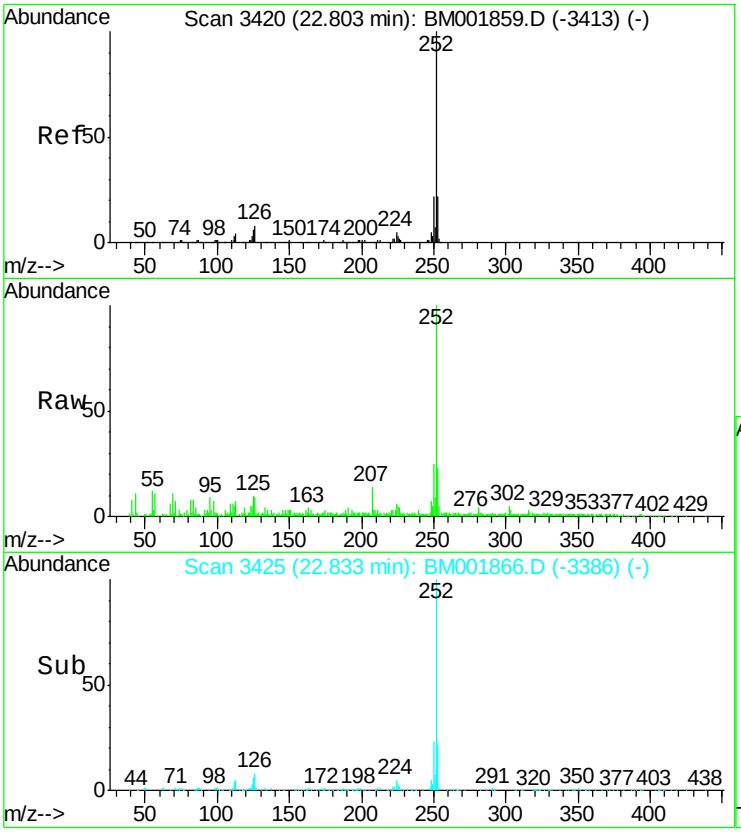


#84
Chrysene
Concen: 11.47 ng/ul
RT: 21.30 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:228 Resp: 229341

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.0	34.4
229	21.2	15.4	23.2



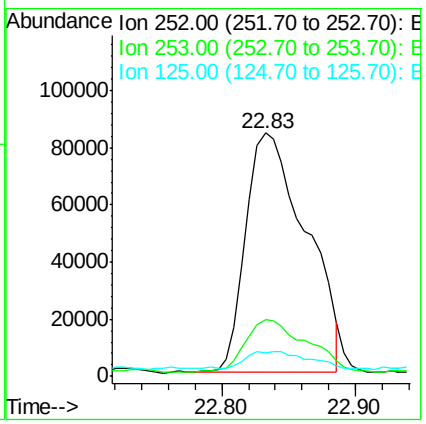


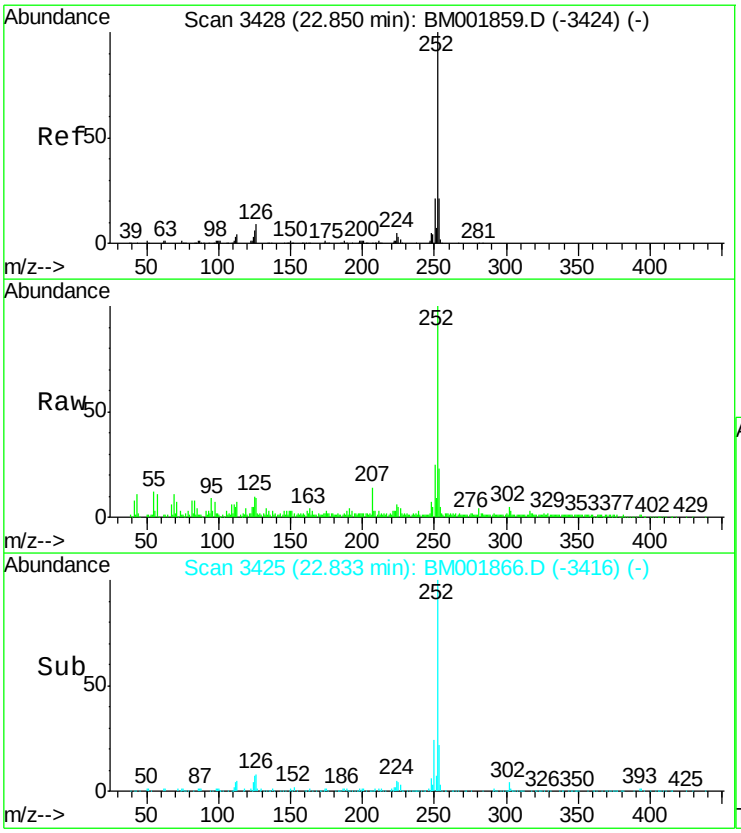
#87
Benzo(b)fluoranthene
Concen: 11.85 ng/ul
RT: 22.83 min Scan# 3425
Delta R.T. 0.03 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:252 Resp: 260518

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	9.8	5.3	7.9#

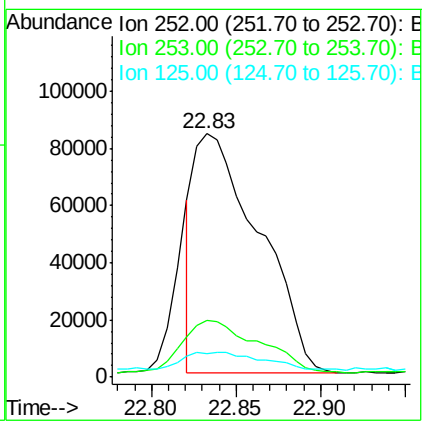


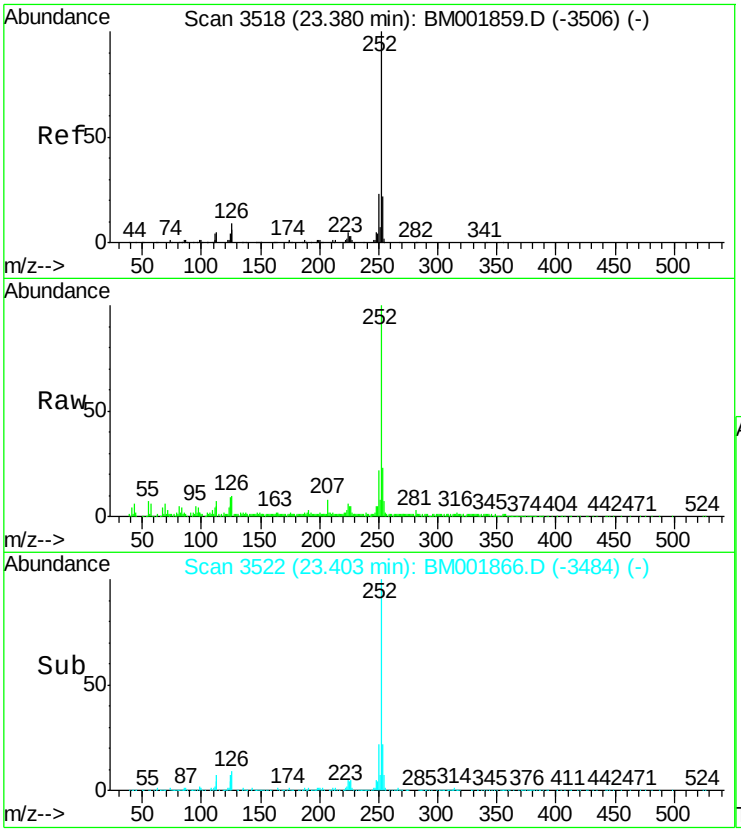


#88
Benzo(k)fluoranthene
Concen: 10.51 ng/ul
RT: 22.83 min Scan# 3425
Delta R.T. -0.02 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:252 Resp: 223315

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.8	5.3	7.9#



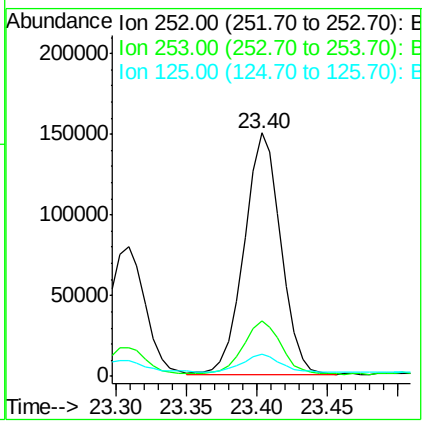


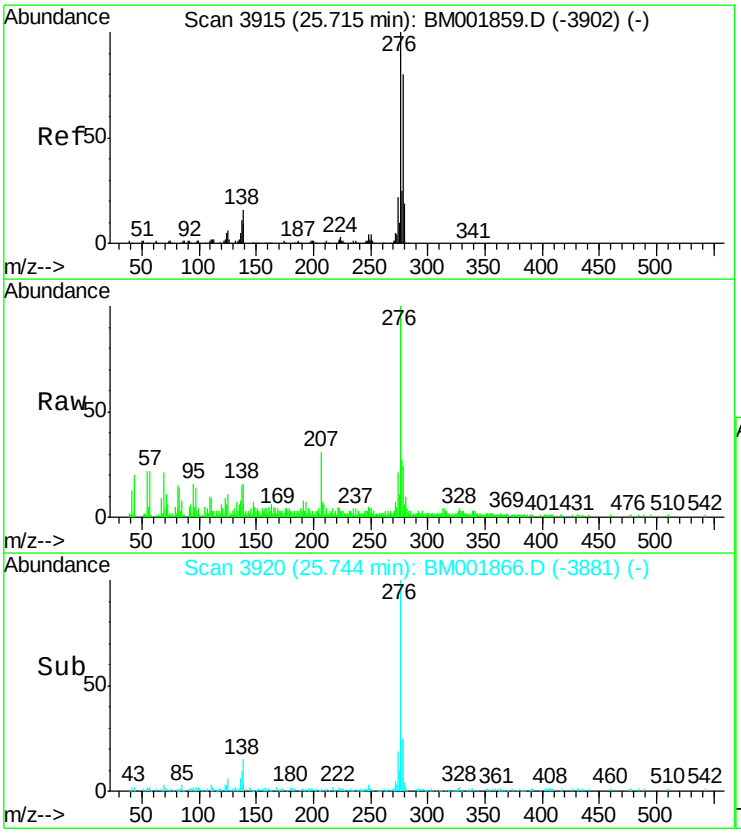
#90
Benzo(a)pyrene
Concen: 12.66 ng/ul
RT: 23.40 min Scan# 3522
Delta R.T. 0.02 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:252 Resp: 270797

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	9.0	6.0	9.0

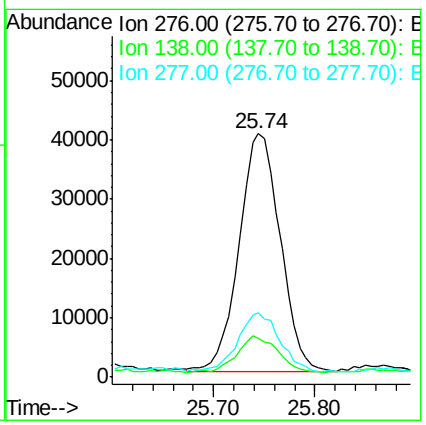


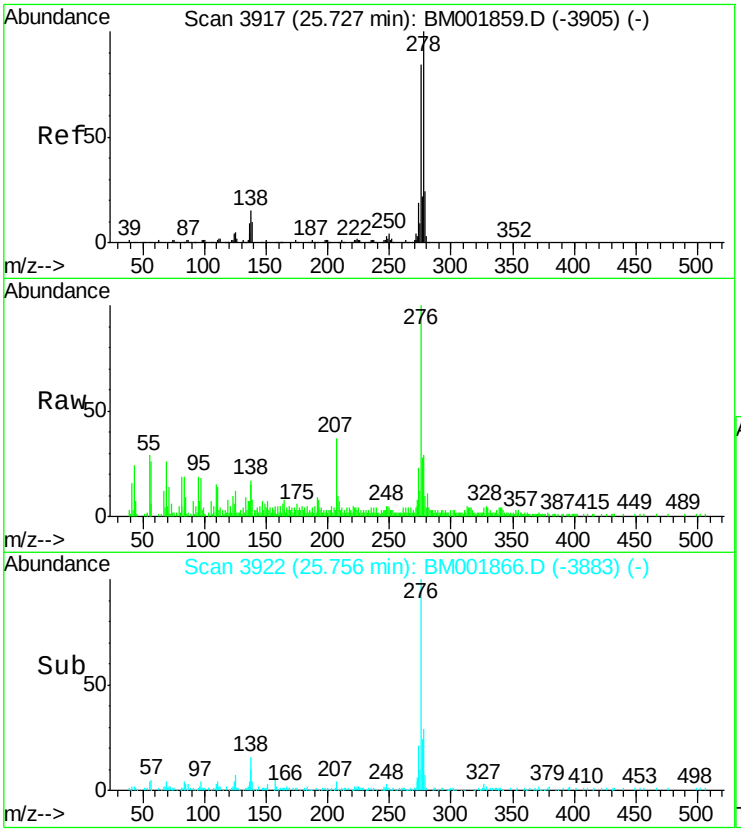


#91
Indeno(1,2,3-cd)pyrene
Concen: 4.43 ng/ul
RT: 25.74 min Scan# 3920
Delta R.T. 0.03 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:276 Resp: 112343

Ion	Ratio	Lower	Upper
276	100		
138	15.7	14.7	22.1
277	26.5	19.7	29.5



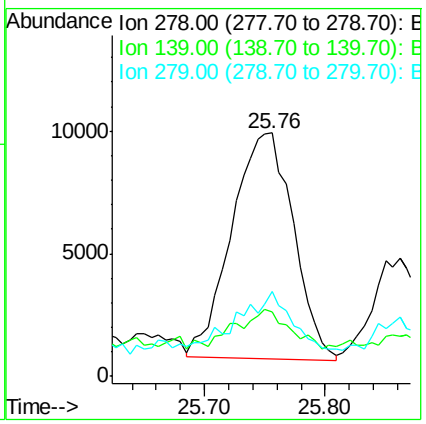


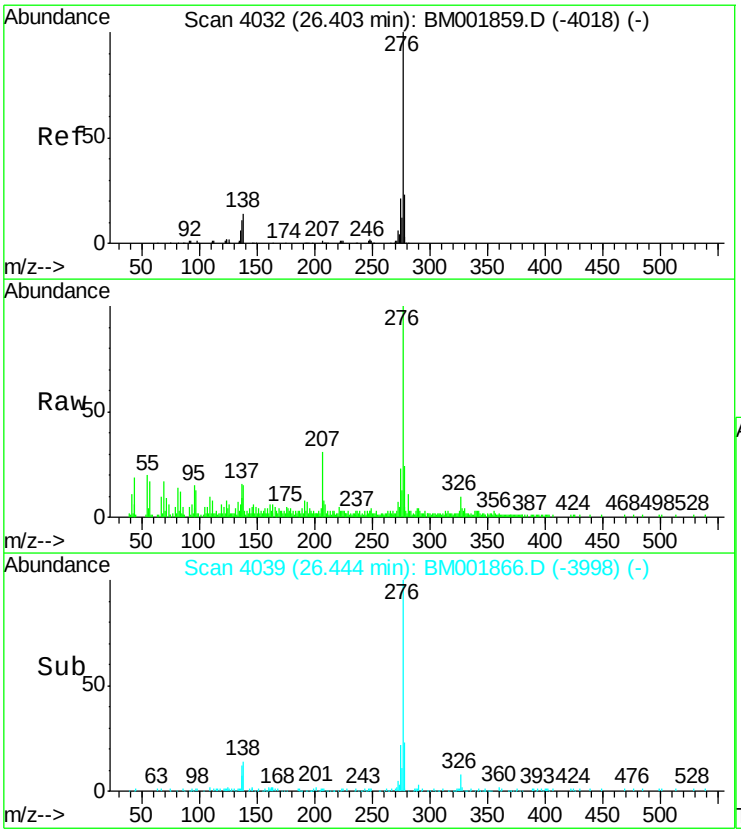
#92
Dibenzo(a,h)anthracene
Concen: 1.53 ng/ul
RT: 25.76 min Scan# 3922
Delta R.T. 0.03 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Instrument :
BNA_M
ClientSampleId :
G93K2

Tgt Ion:278 Resp: 32624

Ion	Ratio	Lower	Upper
278	100		
139	26.3	9.2	13.8#
279	35.1	19.1	28.7#





#93
Benzo(g,h,i)perylene
Concen: 5.54 ng/ul
RT: 26.44 min Scan# 4039
Delta R.T. 0.04 min
Lab File: BM001866.D
Acq: 07 Jul 2015 14:01

Tgt Ion:276 Resp: 118106

Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.6	19.0
277	24.3	18.7	28.1