Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\

Quantitation Report (Not Reviewed)

Data File : BM010662.D
Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C59DL

Quant Time: Jun 23 01:05:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 01:03:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	50087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	225134	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	154095	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	402005	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	556709	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	466254	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	3859	0.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	2415	0.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	3027	0.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	3411	0.86	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	742	0.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	1647	0.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	3601	0.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	3755	0.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	15381	1.14	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	15878	1.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1518	0.64	ng/ul	0.00
57) Fluorene-d10	15.12	176	15054	1.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	1760	0.71	ng/ul	0.00
70) Anthracene-d10	16.96	188	22615	1.16	ng/ul	0.00
76) Pyrene-d10	19.27	212	29839	1.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	24180	1.07	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.27	128	12048	1.08	ng/ul#	91
40) 1,1'-Biphenyl	12.94	154	19033	1.58	ng/ul#	87
44) Dimethylphthalate	13.58	163	14694	1.11	ng/ul#	96
49) Acenaphthene	14.17	153	83332	8.24	ng/ul	95
53) Dibenzofuran	14.52	168	118768	7.76	ng/ul	96
58) Fluorene	15.17	166	149674	11.68	ng/ul#	89
69) Phenanthrene	16.91	178	860262	40.25	ng/ul	100
71) Anthracene	17.00	178	356387	16.19	ng/ul	98
74) Fluoranthene	18.94	202	1296779	47.08	ng/ul#	96
77) Pyrene	19.30	202	870674	27.08	ng/ul#	98
80) Benzo(a)anthracene	21.07	228	308051	9.50	ng/ul	98
82) Chrysene	21.12	228	338959	11.73	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	138112	4.56	ng/ul#	95
86) Benzo(k)fluoranthene	22.63	252	48182	1.68	ng/ul#	97
88) Benzo(a)pyrene	23.13	252	75259	2.70	ng/ul	99

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

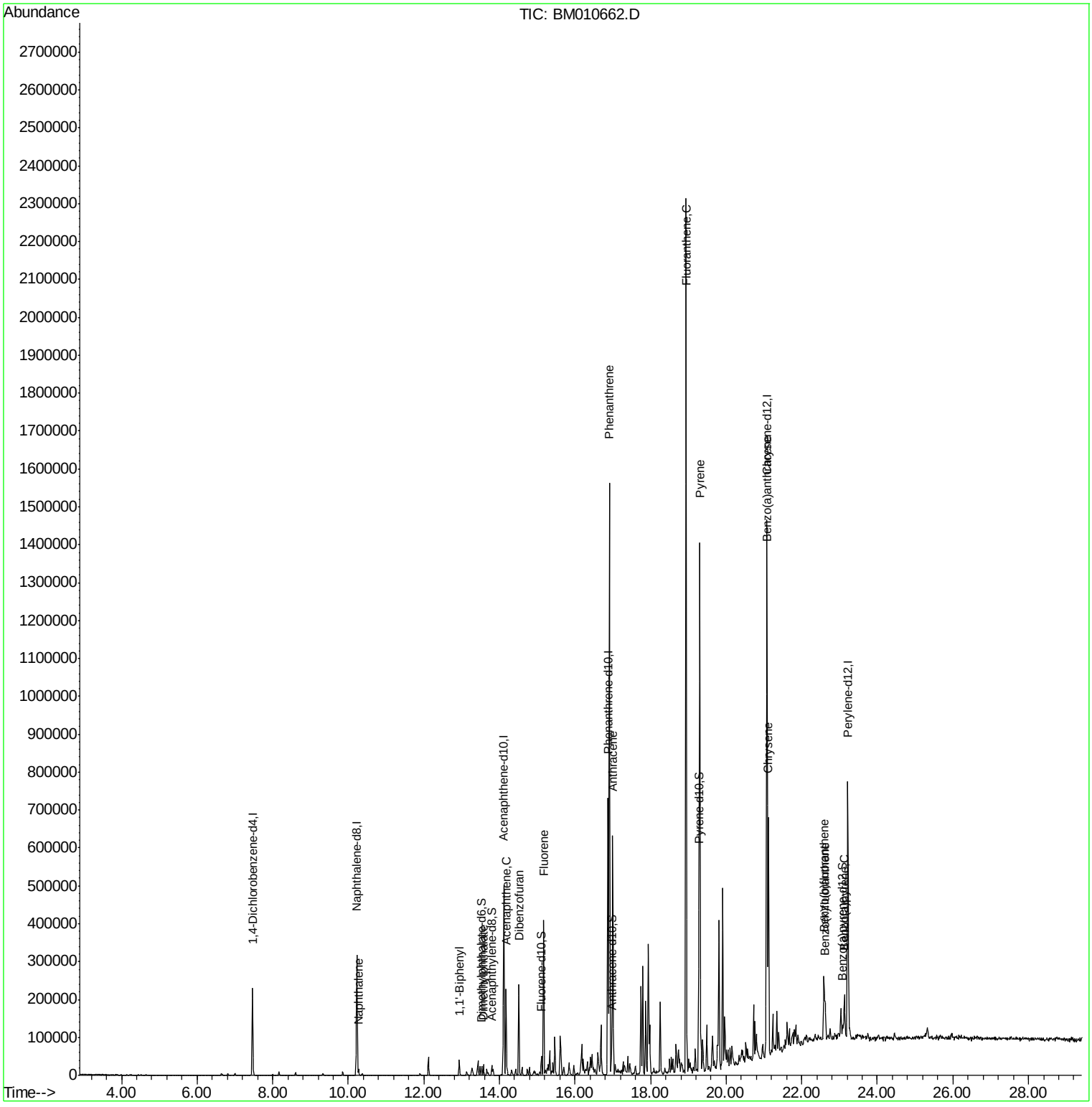
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\

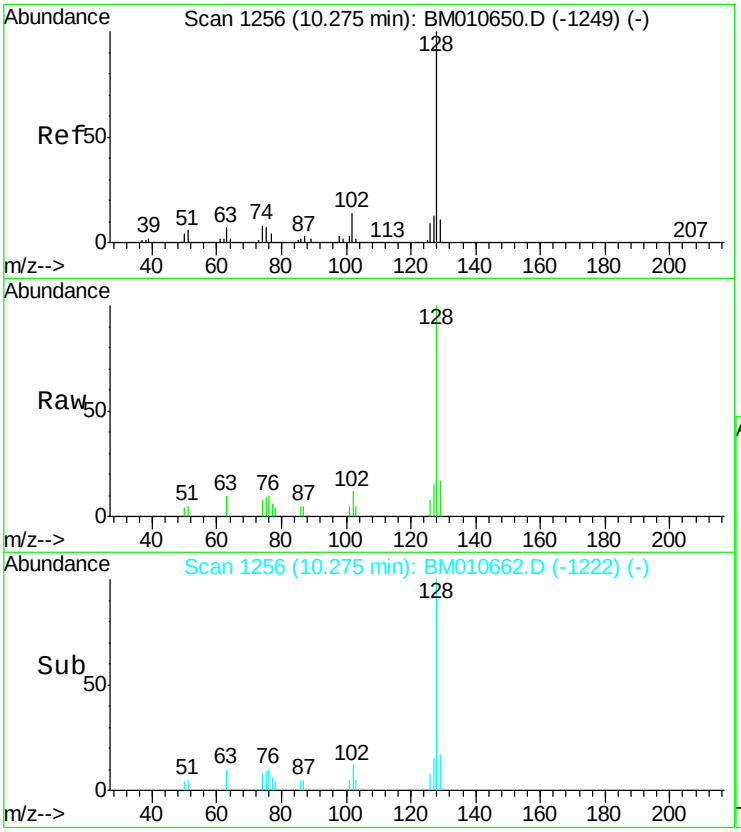
Quantitation Report (Not Reviewed)

Data File : BM010662.D
Acq On : 22 Jun 2017 16:33
Operator : SJ/JU
Sample : I3521-11DL 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C59DL

Quant Time: Jun 23 01:05:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 01:03:57 2017
Response via : Initial Calibration



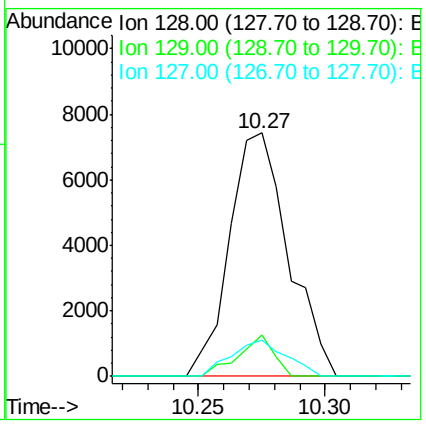


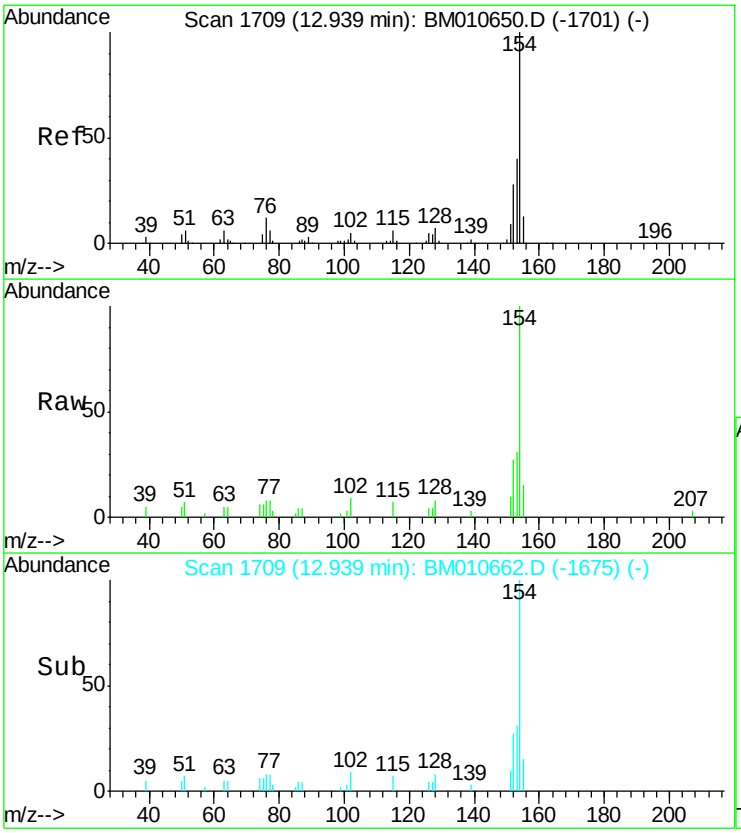
#28
Naphthalene
Concen: 1.08 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Instrument :
BNA_M
ClientSampleId :
F5C59DL

Tgt Ion:128 Resp: 12048

Ion	Ratio	Lower	Upper
128	100		
129	17.0	8.8	13.2#
127	14.7	10.6	16.0

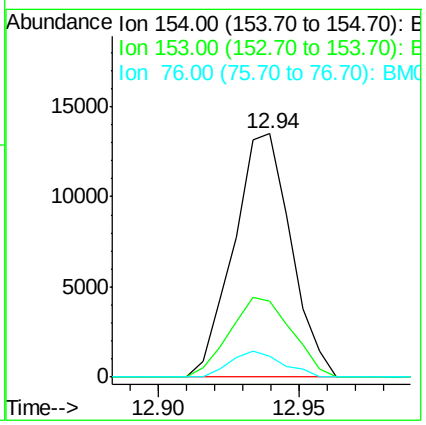


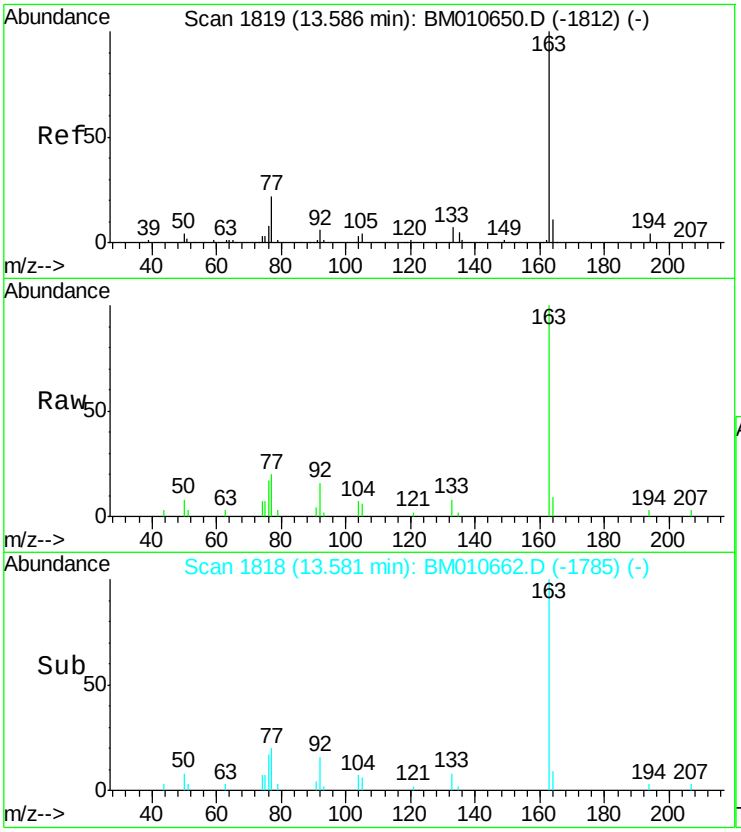


#40
1,1'-Biphenyl
Concen: 1.58 ng/ul
RT: 12.94 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Tgt Ion:154 Resp: 19033

Ion	Ratio	Lower	Upper
154	100		
153	31.3	32.6	48.8#
76	8.5	8.5	12.7#



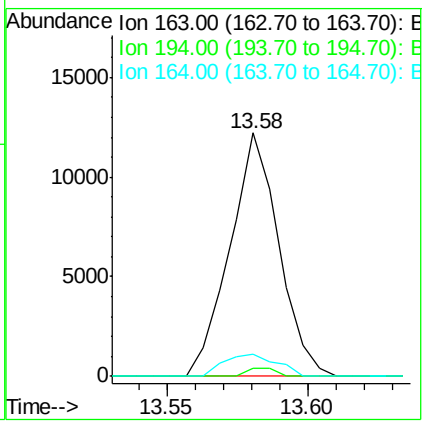


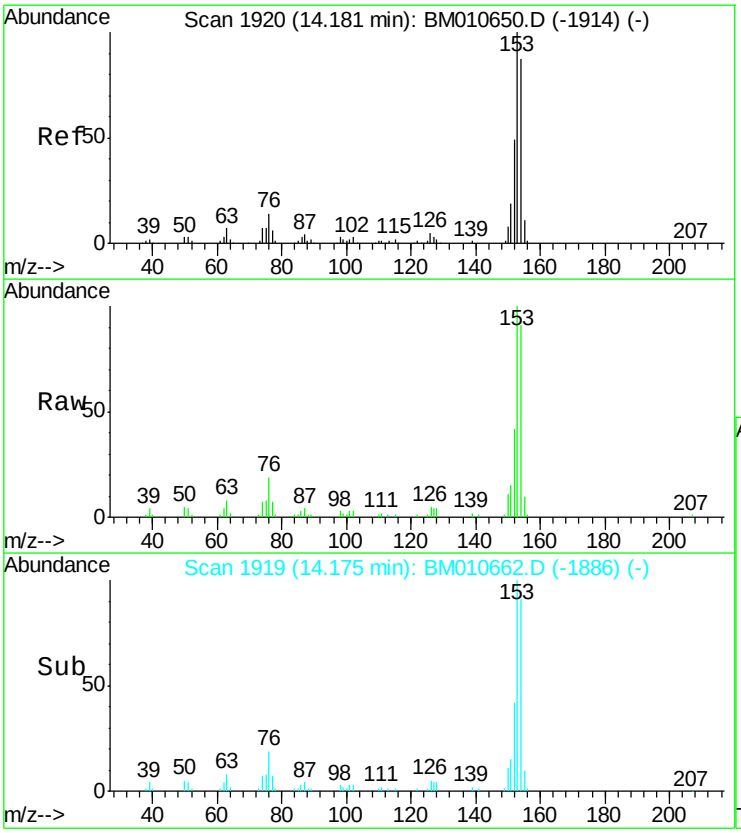
#44
Dimethylphthalate
Concen: 1.11 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Instrument :
BNA_M
ClientSampleId :
F5C59DL

Tgt Ion:163 Resp: 14694

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.5	5.3#
164	9.0	8.2	12.4

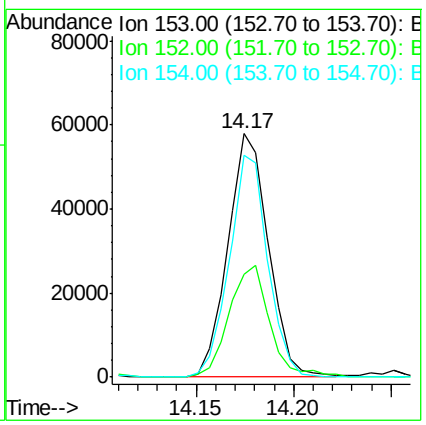


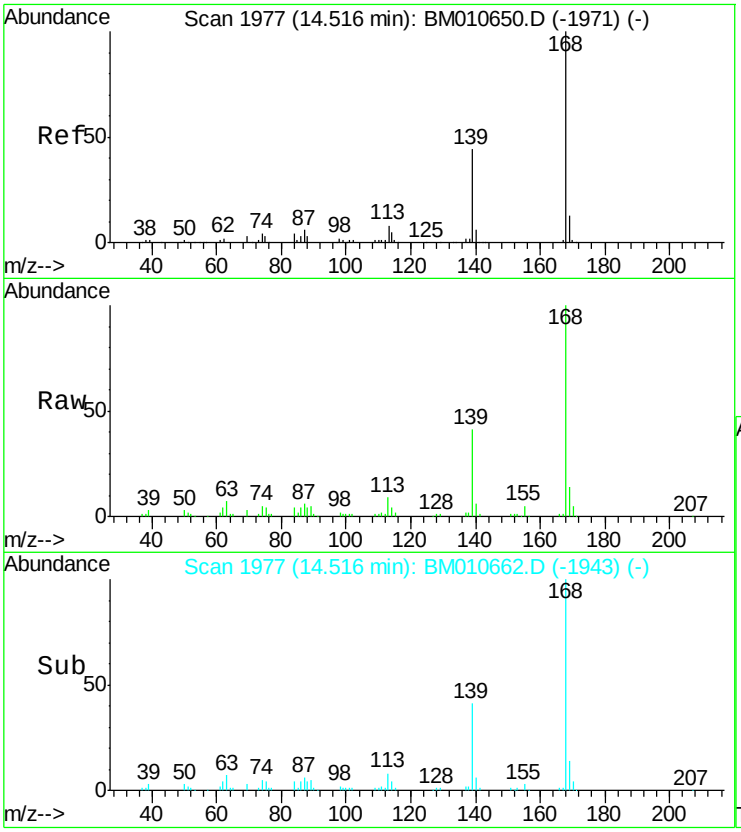


#49
Acenaphthene
Concen: 8.24 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Tgt Ion:153 Resp: 83332

Ion	Ratio	Lower	Upper
153	100		
152	42.5	37.6	56.4
154	91.2	70.4	105.6



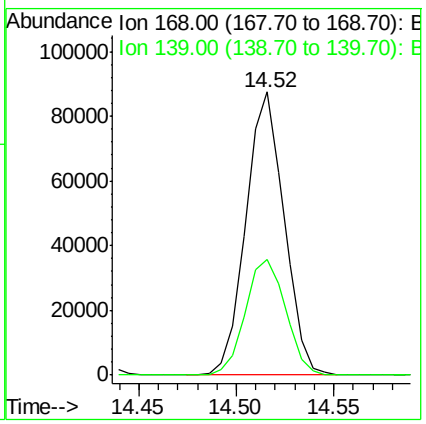


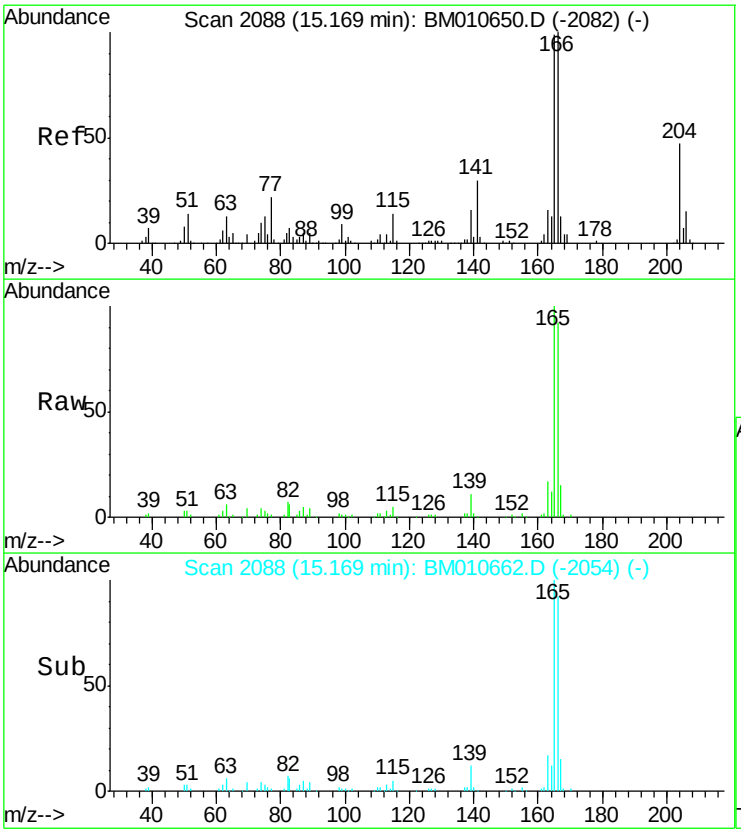
#53
Dibenzofuran
Concen: 7.76 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Instrument :
BNA_M
ClientSampleId :
F5C59DL

Tgt Ion:168 Resp: 118768

Ion	Ratio	Lower	Upper
168	100		
139	41.0	30.8	46.2

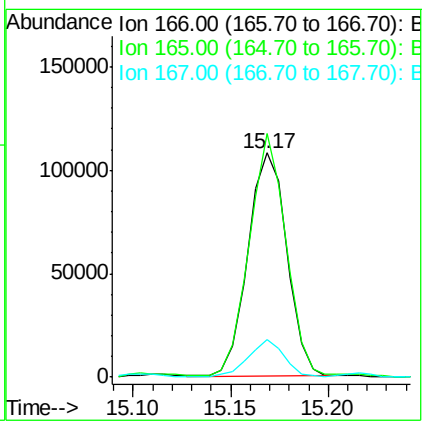


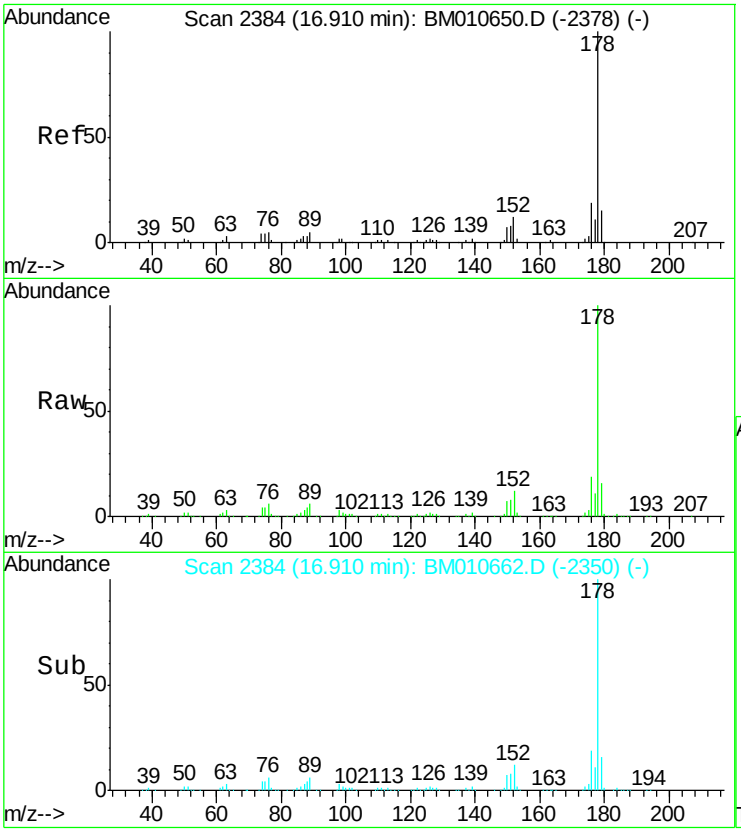


#58
Fluorene
Concen: 11.68 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Tgt Ion:166 Resp: 149674

Ion	Ratio	Lower	Upper
166	100		
165	108.6	77.9	116.9
167	16.6	10.6	16.0#



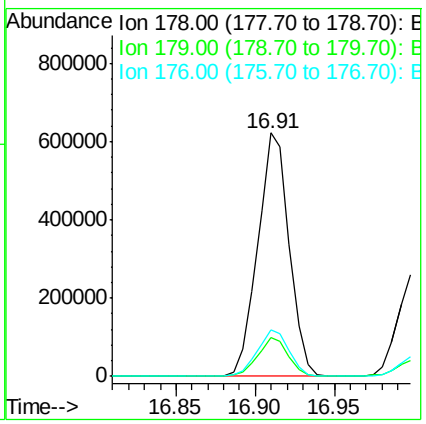


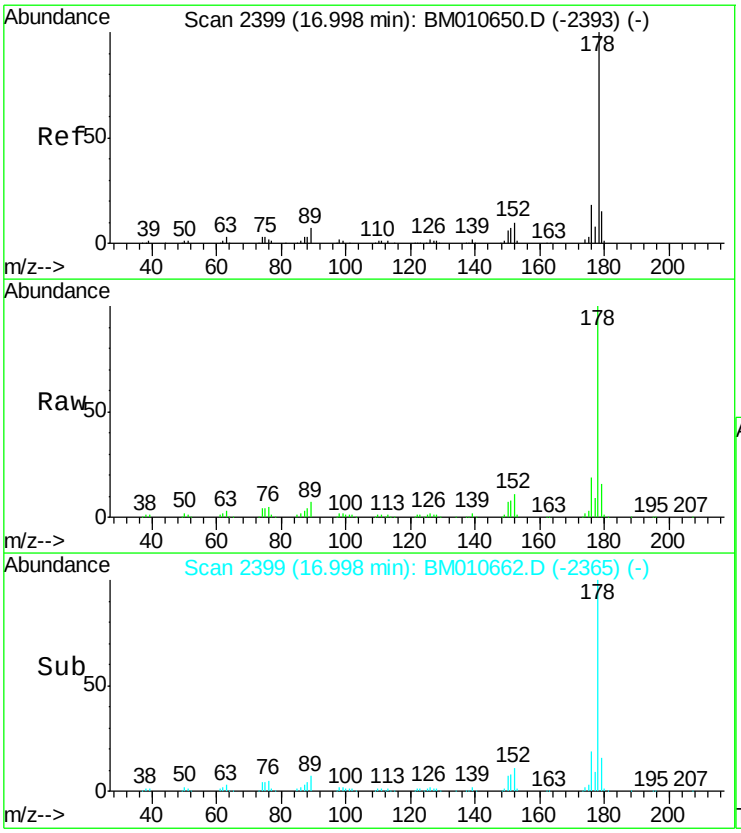
#69
Phenanthrene
Concen: 40.25 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Instrument :
BNA_M
ClientSampleId :
F5C59DL

Tgt Ion:178 Resp: 860262

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	18.9	14.9	22.3

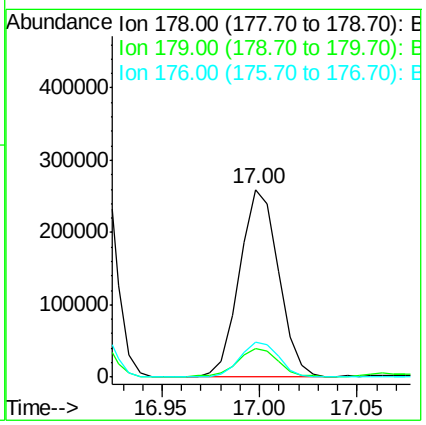


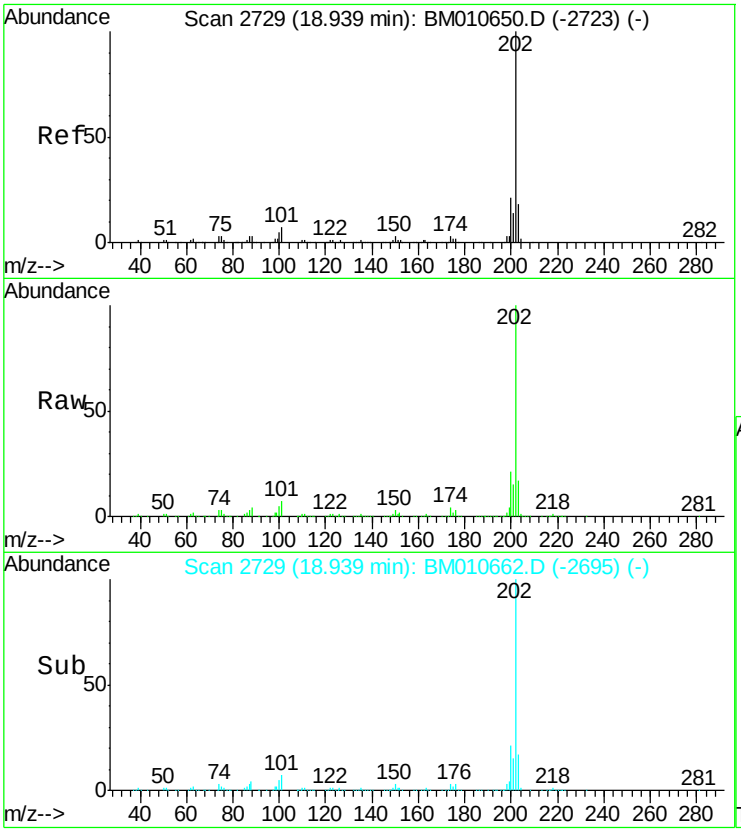


#71
Anthracene
Concen: 16.19 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Tgt Ion:178 Resp: 356387

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	18.9	14.6	21.8



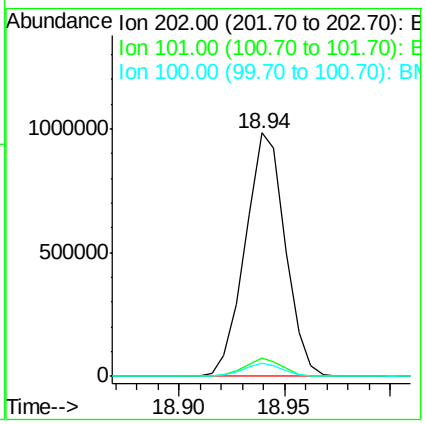


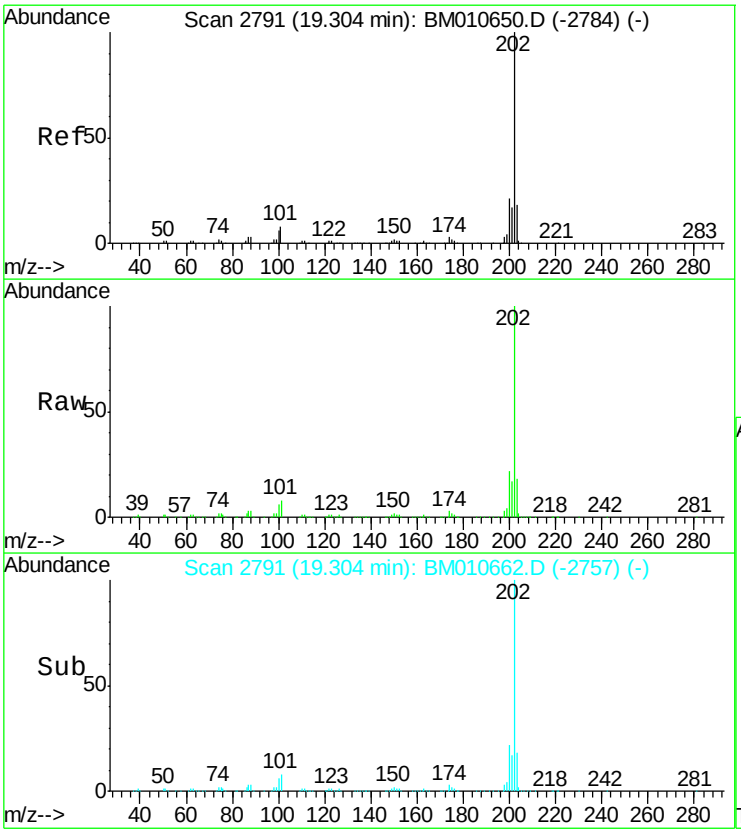
#74
Fluoranthene
Concen: 47.08 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Instrument :
BNA_M
ClientSampleId :
F5C59DL

Tgt Ion:202 Resp: 1296779

Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.6	7.0#
100	5.3	3.4	5.2#

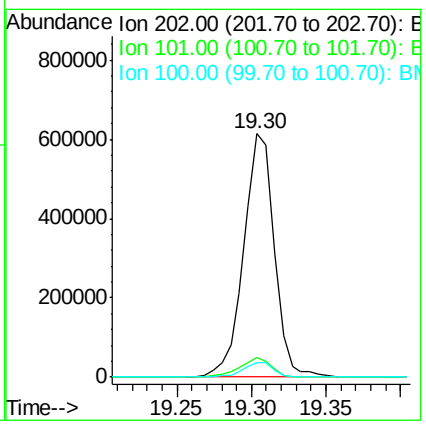


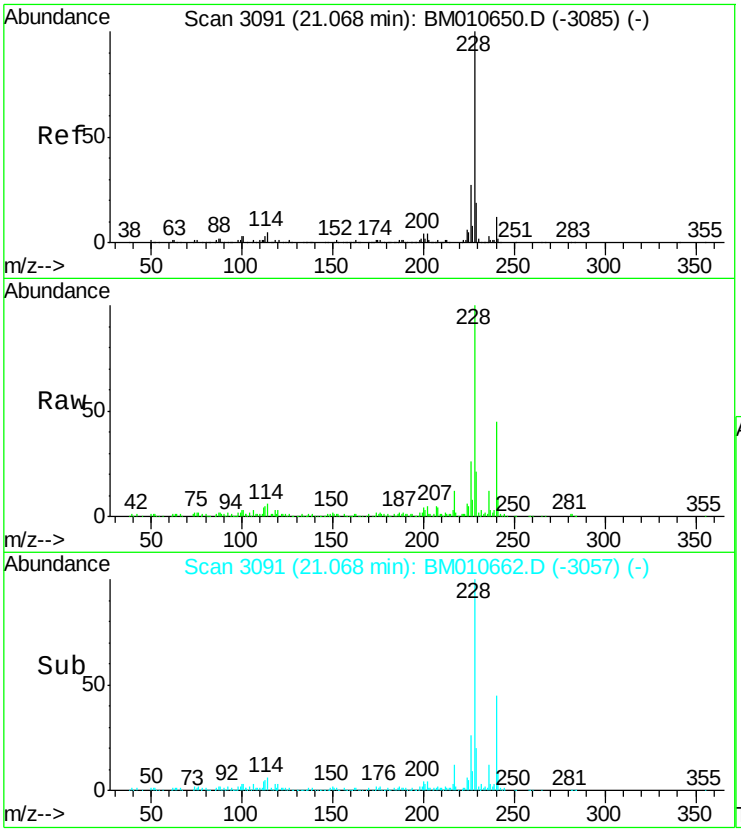


#77
Pyrene
Concen: 27.08 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Tgt Ion:202 Resp: 870674

Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.1	7.7#
100	6.1	4.9	7.3



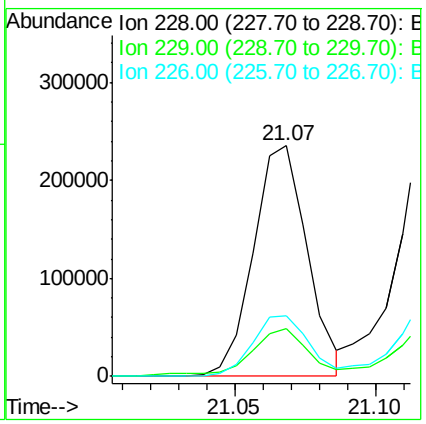


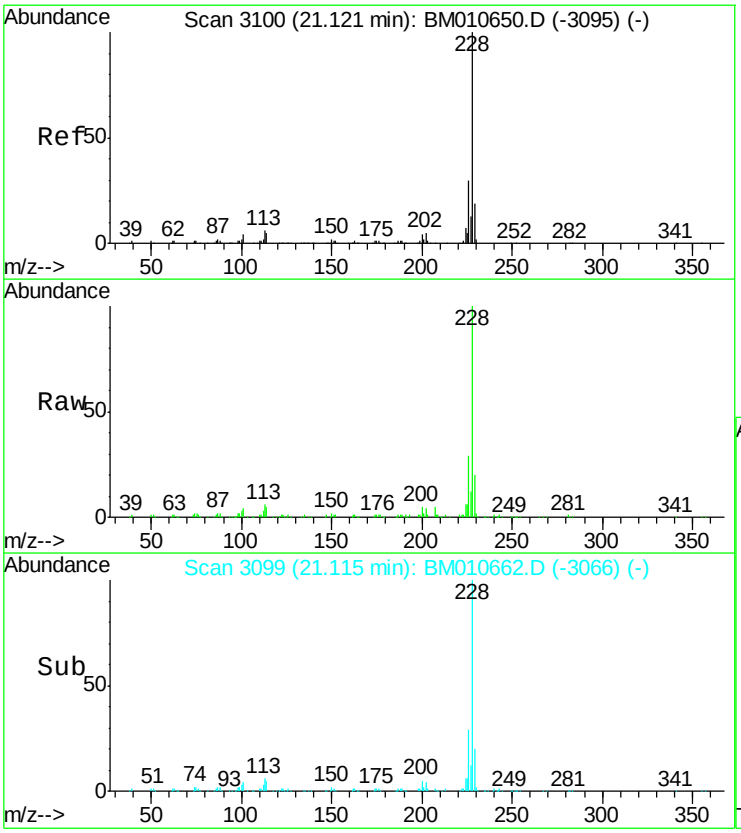
#80
Benzo(a)anthracene
Concen: 9.50 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Instrument :
BNA_M
ClientSampleId :
F5C59DL

Tgt Ion:228 Resp: 308051

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	26.4	21.4	32.0

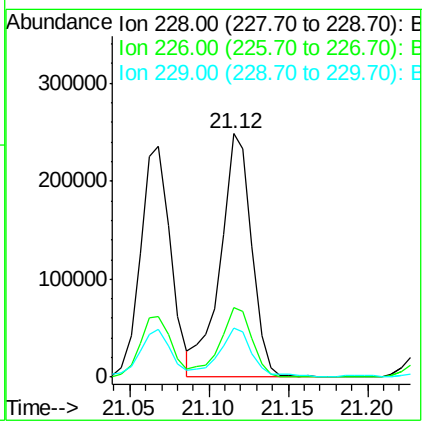


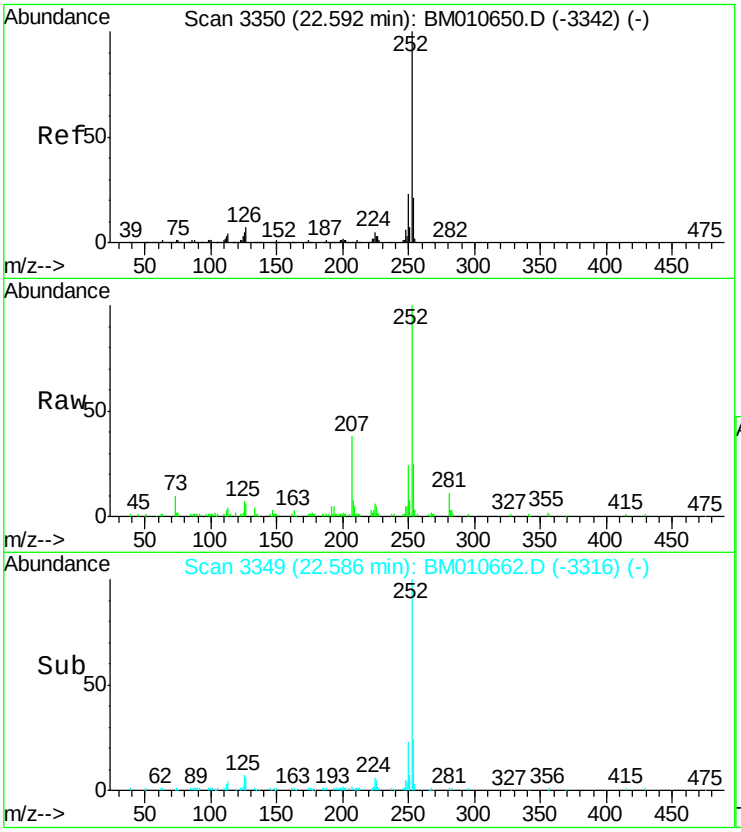


#82
Chrysene
Concen: 11.73 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Tgt Ion:228 Resp: 338959

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	20.3	15.5	23.3



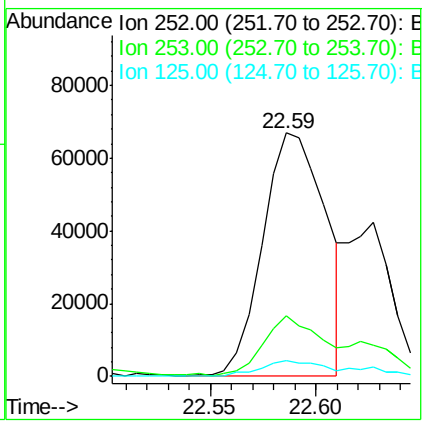


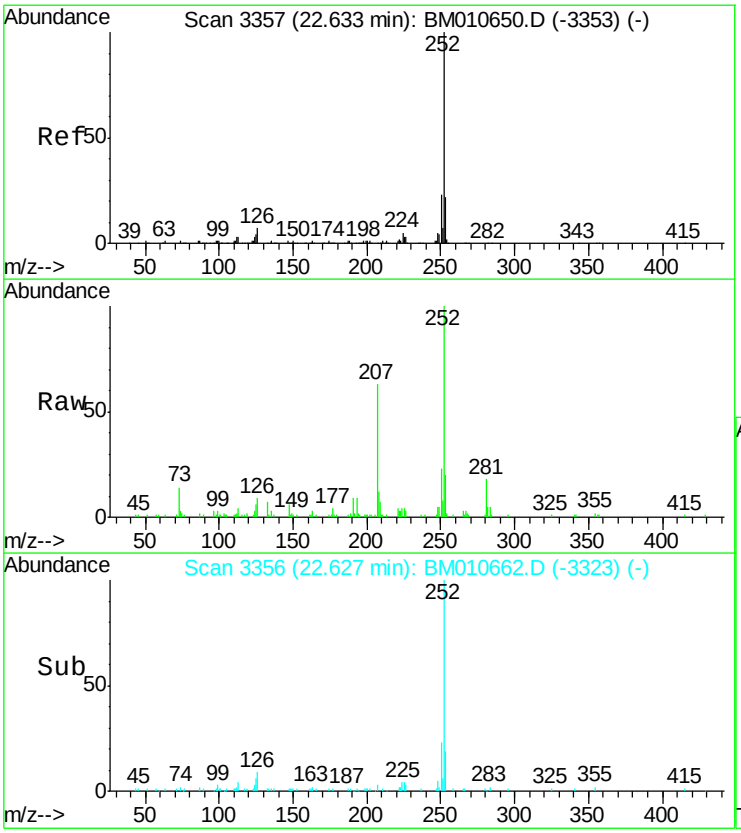
#85
Benzo(b)fluoranthene
Concen: 4.56 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Instrument :
BNA_M
ClientSampleId :
F5C59DL

Tgt Ion:252 Resp: 138112

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.9	26.9
125	6.6	3.6	5.4#

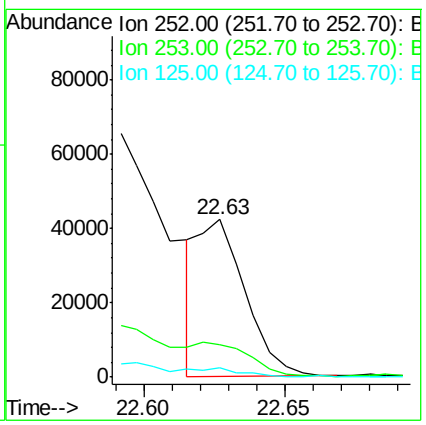


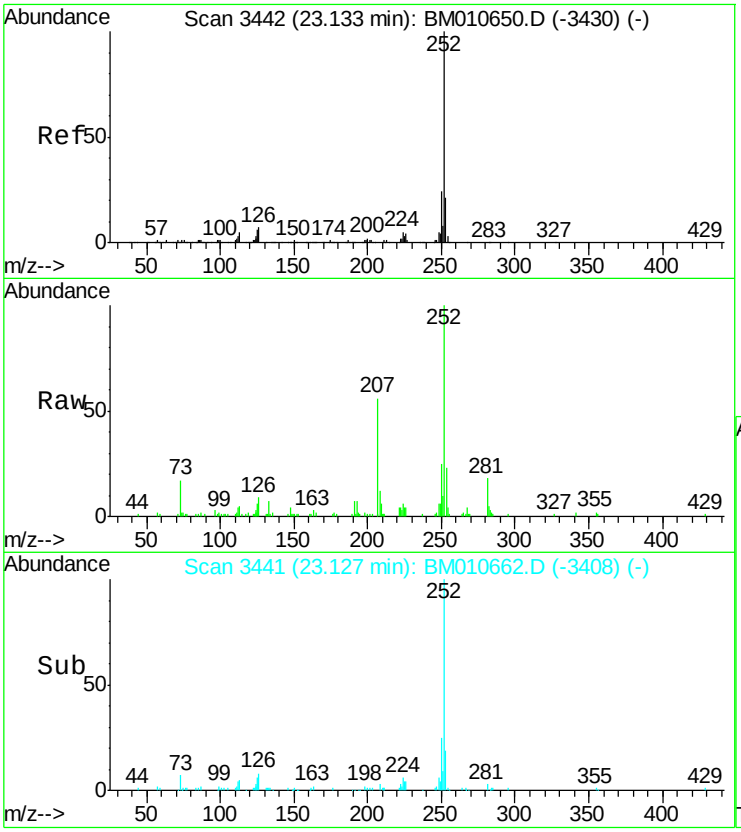


#86
Benzo(k)fluoranthene
Concen: 1.68 ng/ul
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Tgt Ion:252 Resp: 48182

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.1	25.7
125	6.3	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 2.70 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BM010662.D
Acq: 22 Jun 2017 16:33

Instrument :
BNA_M
ClientSampleId :
F5C59DL

Tgt Ion:252 Resp: 75259

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	5.7	4.0	6.0