Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010721.D
Acq On : 24 Jun 2017 09:50
Operator : SJ/JU
Sample : I3627-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A93

Quant Time: Jun 26 01:51:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	85976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	401704	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	262790	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	628231	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	643493	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	465904	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	5512	3.67	ng/uL	0.00
5) Phenol-d5	6.65	99	154749	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	90953	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	121130	21.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	119109	17.54	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	65584	22.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	77247	23.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	149880	21.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	108927	14.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	534868	23.19	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	618312	23.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	59481	14.65	ng/ul	0.00
57) Fluorene-d10	15.11	176	456402	22.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	76518	19.83	ng/ul	0.00
70) Anthracene-d10	16.97	188	709706	23.39	ng/ul	0.00
76) Pyrene-d10	19.28	212	807161	27.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	530215	23.55	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.62	77	29284	6.08	ng/ul	96
6) Phenol	6.67	94	15546	1.84	ng/ul#	94
44) Dimethylphthalate	13.58	163	250787	11.09	ng/ul	98
47) Acenaphthylene	13.83	152	45586	1.78	ng/ul	100
58) Fluorene	15.17	166	40642	1.86	ng/ul	95
69) Phenanthrene	16.91	178	443221	13.27	ng/ul	99
71) Anthracene	17.00	178	2309919	67.13	ng/ul	100
72) Carbazole	17.27	167	684982	22.82	ng/ul	99
74) Fluoranthene	18.94	202	3769262	87.57	ng/ul#	96
77) Pyrene	19.31	202	3064374	82.45	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	1141494	30.46	ng/ul	95
82) Chrysene	21.12	228	1561937	46.75	ng/ul	97
85) Benzo(b)fluoranthene	22.60	252	1310590	43.33	ng/ul#	99
86) Benzo(k)fluoranthene	22.63	252	382614	13.34	ng/ul#	96
88) Benzo(a)pyrene	23.13	252	549765	19.75	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	308549	10.68	ng/ul	99
90) Dibenzo(a,h)anthracene	25.34	278	82645	3.43	ng/ul#	94
91) Benzo(g,h,i)perylene	25.99	276	219341	9.54	ng/ul	100

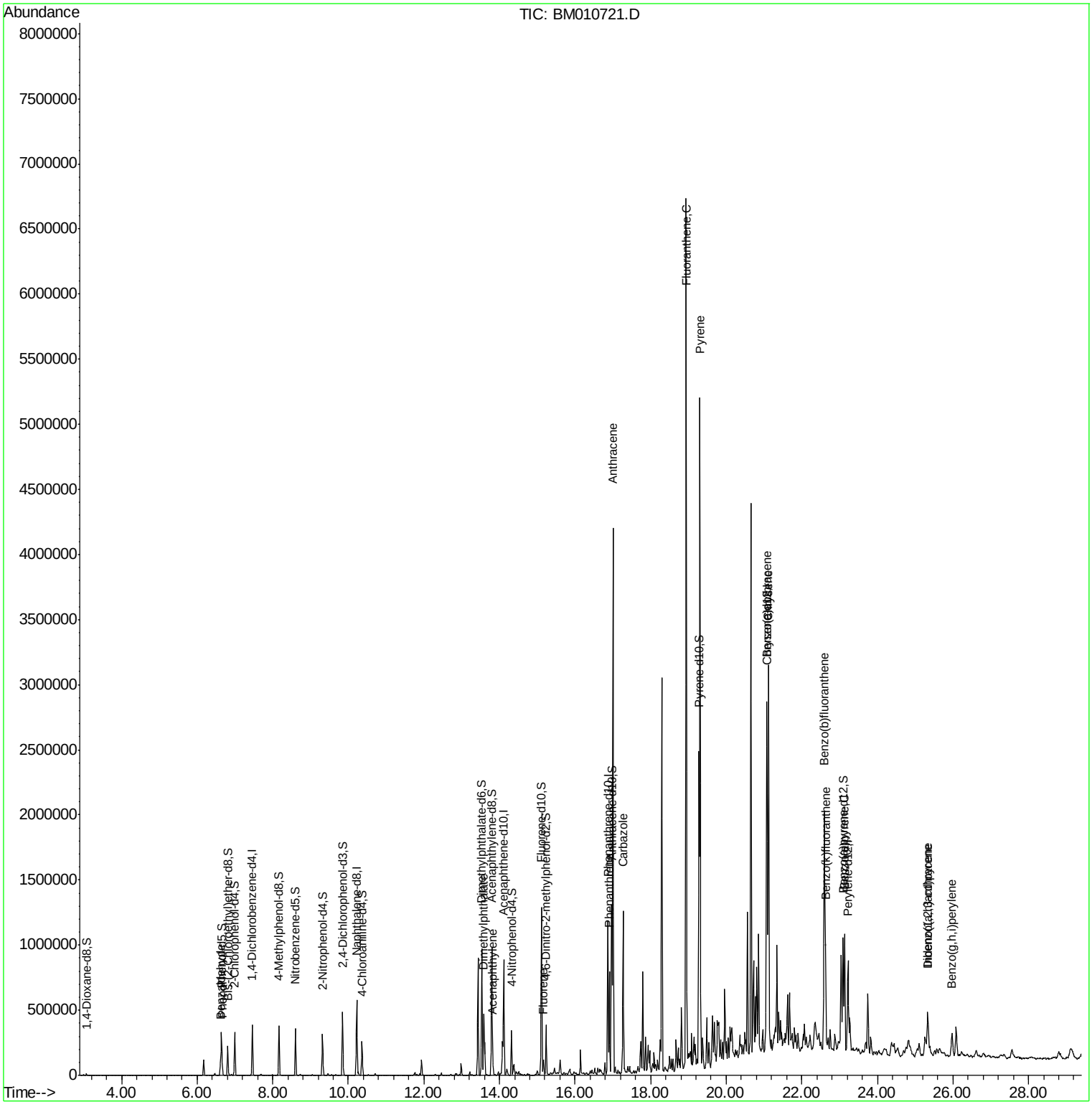
(#) = qualifier out of range (m) = manual integration (+) = signals summed

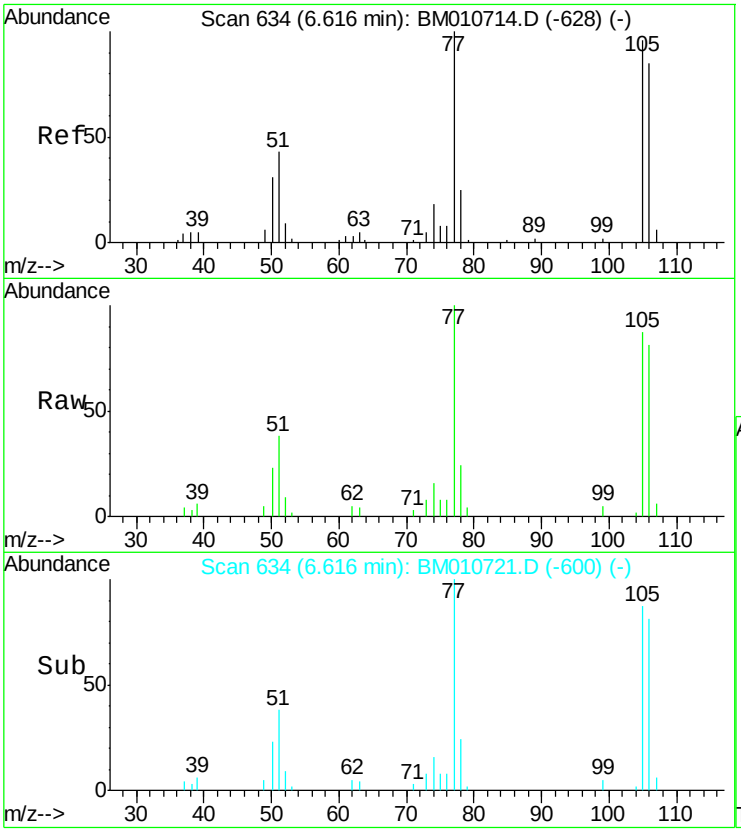
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010721.D
Acq On : 24 Jun 2017 09:50
Operator : SJ/JU
Sample : I3627-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A93

Quant Time: Jun 26 01:51:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration



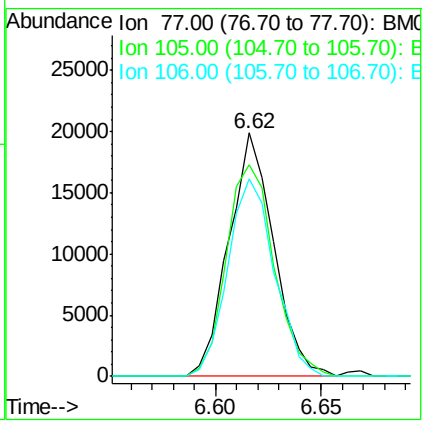


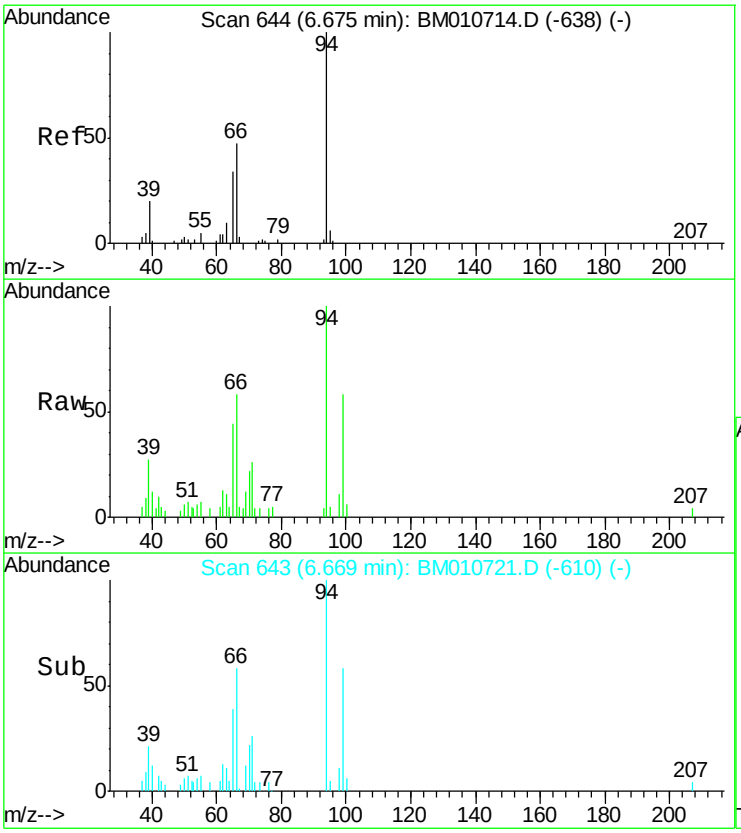
#4
Benzaldehyde
Concen: 6.08 ng/ul
RT: 6.62 min Scan# 634
Delta R.T. -0.00 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Instrument :
BNA_M
ClientSampleId :
F5A93

Tgt Ion: 77 Resp: 29284

Ion	Ratio	Lower	Upper
77	100		
105	87.1	66.1	99.1
106	81.1	67.8	101.6

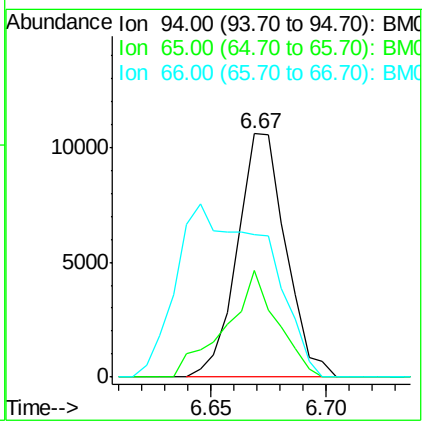


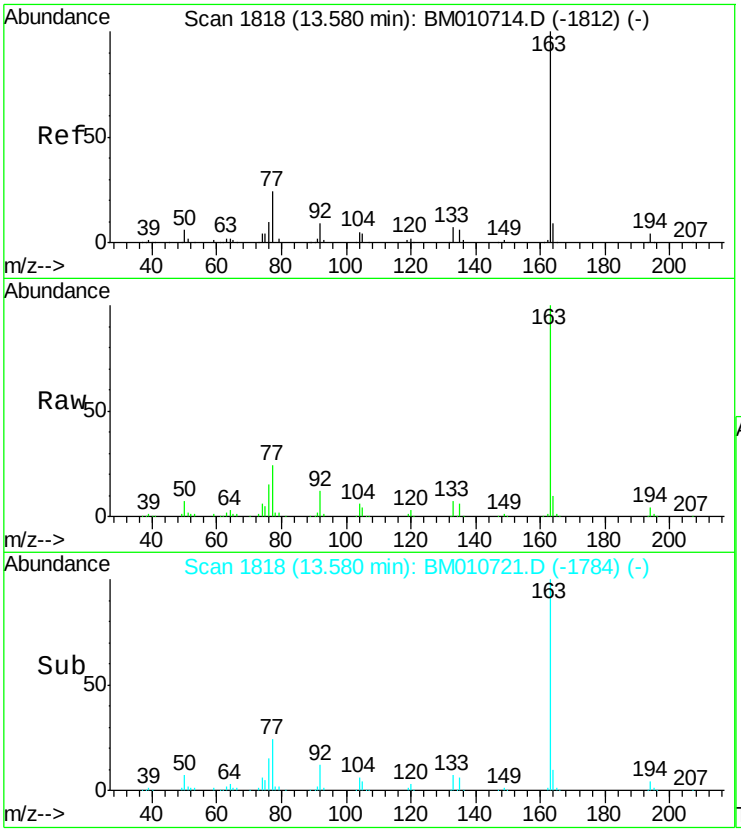


#6
Phenol
Concen: 1.84 ng/ul
RT: 6.67 min Scan# 643
Delta R.T. -0.01 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Tgt Ion: 94 Resp: 15546

Ion	Ratio	Lower	Upper
94	100		
65	43.7	28.2	42.4#
66	58.4	47.2	70.8



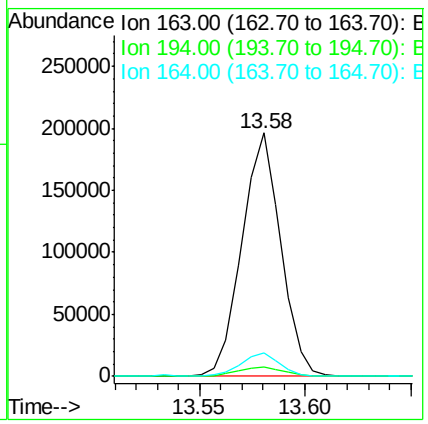


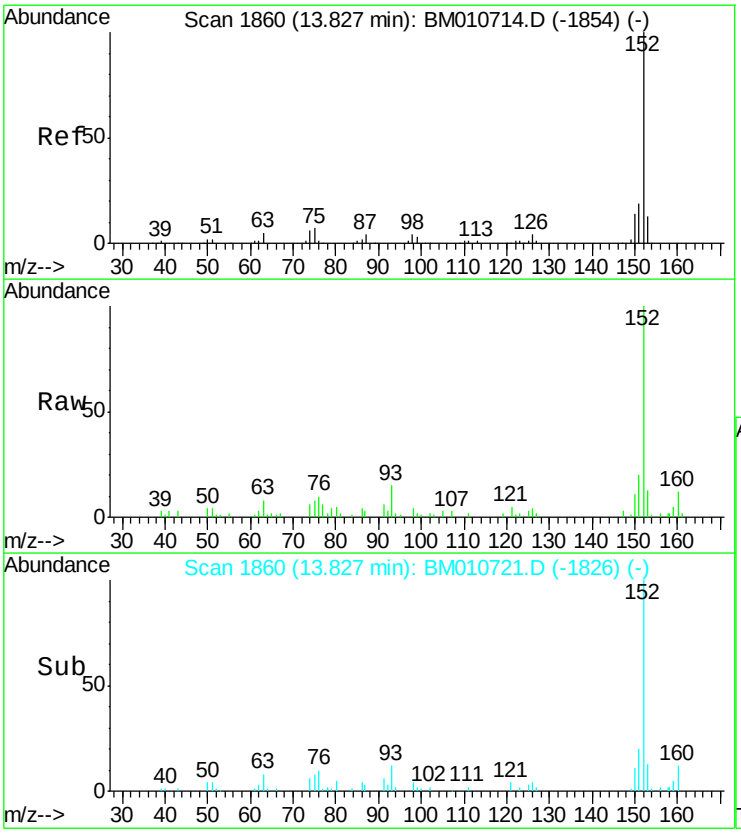
#44
Dimethylphthalate
Concen: 11.09 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Instrument :
BNA_M
ClientSampleId :
F5A93

Tgt Ion:163 Resp: 250787

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.6	8.2	12.4

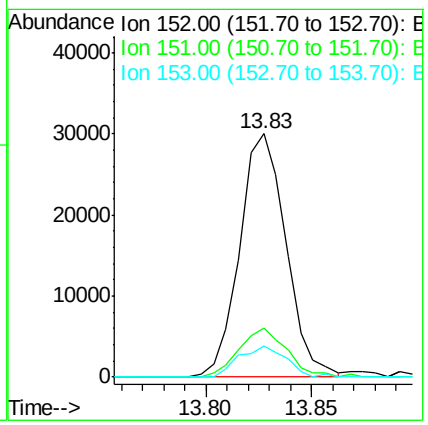


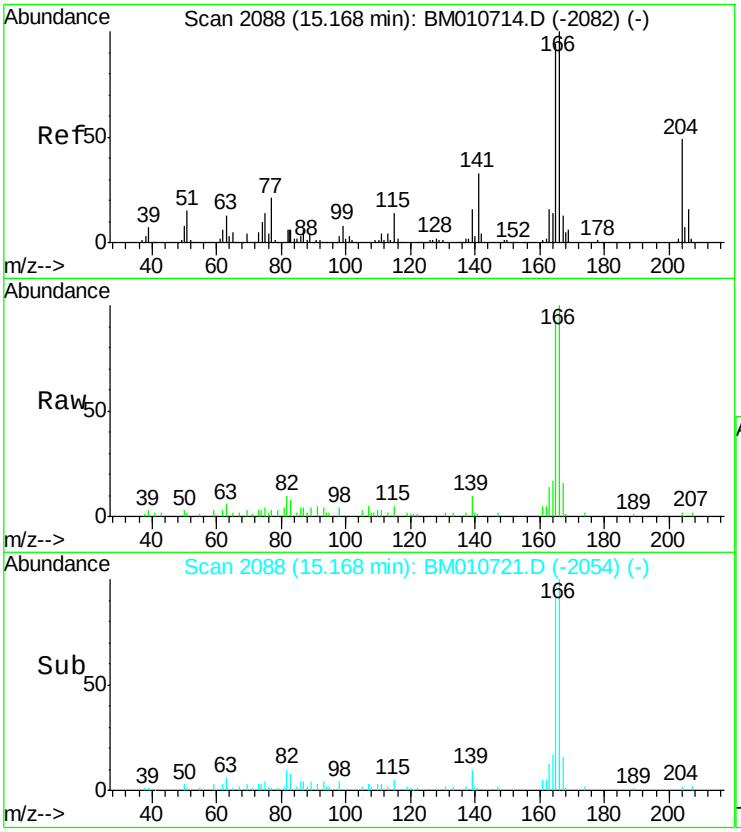


#47
Acenaphthylene
Concen: 1.78 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Tgt Ion:152 Resp: 45586

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.6	10.2	15.4



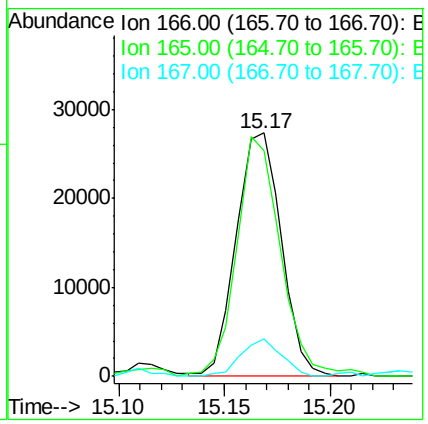


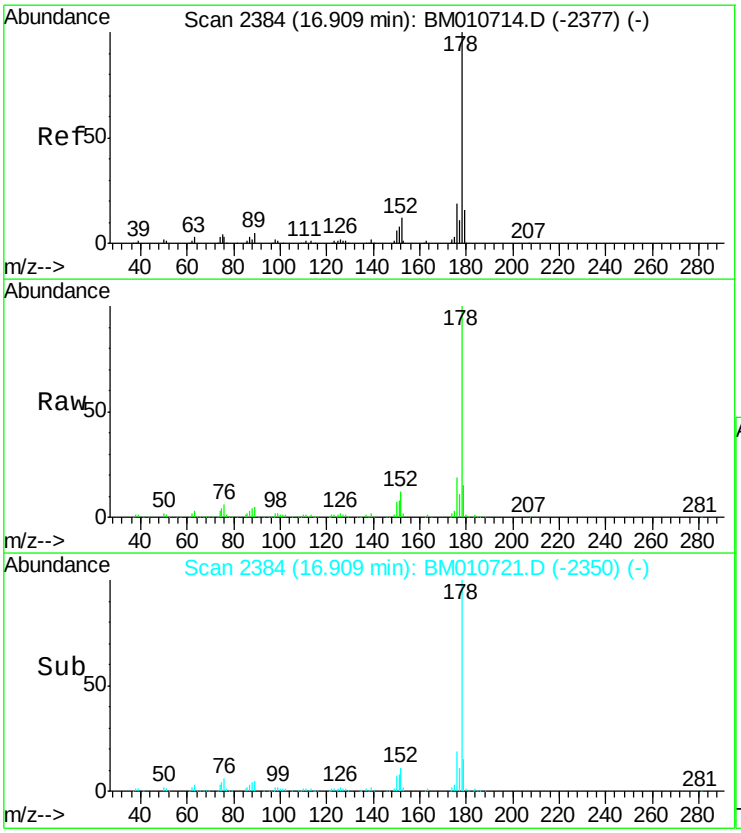
#58
Fluorene
Concen: 1.86 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Instrument :
BNA_M
ClientSampleId :
F5A93

Tgt Ion:166 Resp: 40642

Ion	Ratio	Lower	Upper
166	100		
165	92.8	77.9	116.9
167	15.6	10.6	16.0

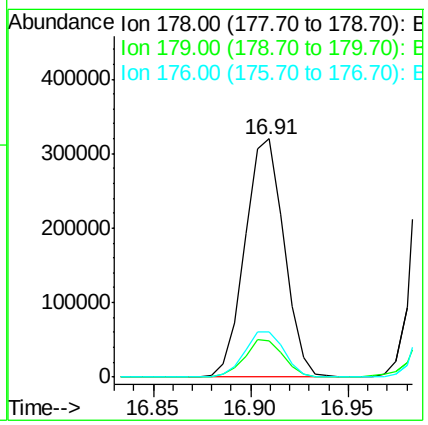


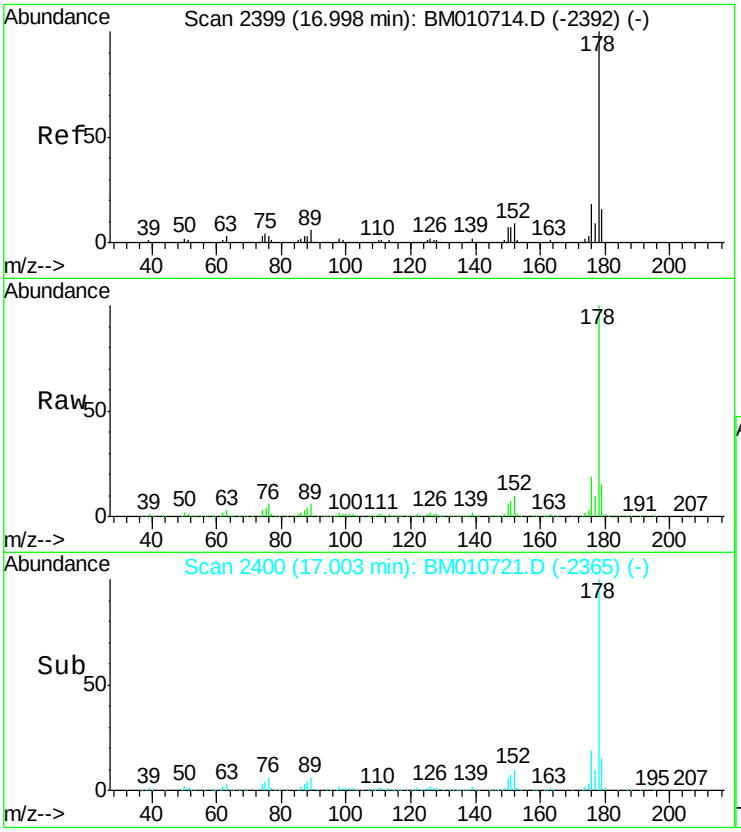


#69
Phenanthrene
Concen: 13.27 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Tgt Ion:178 Resp: 443221

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.2	14.9	22.3



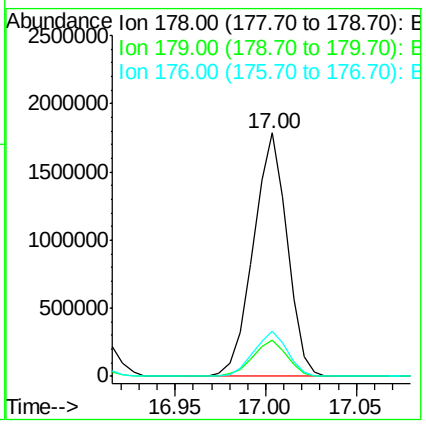


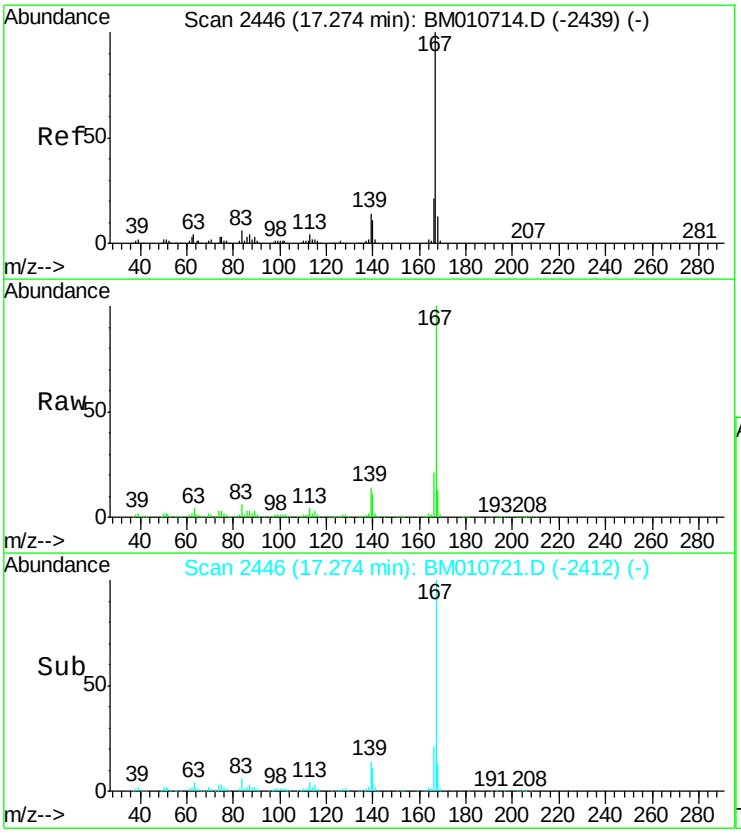
#71
Anthracene
Concen: 67.13 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Instrument :
BNA_M
ClientSampleId :
F5A93

Tgt Ion:178 Resp: 2309919

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	18.5	14.6	21.8

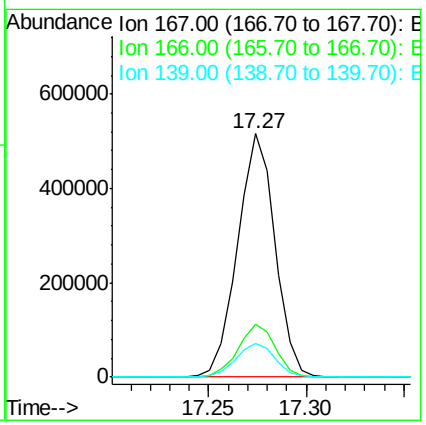


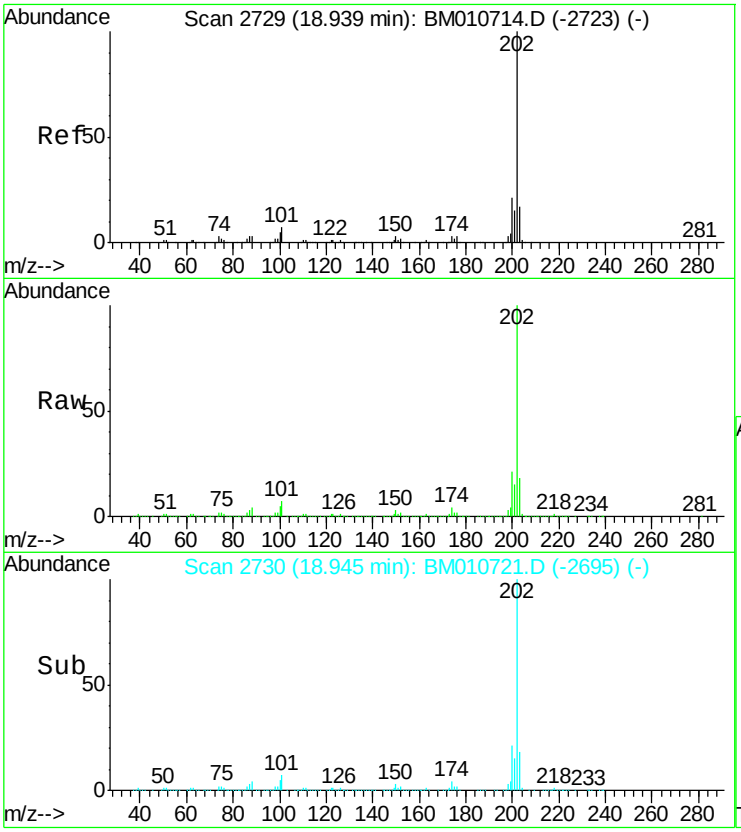


#72
Carbazole
Concen: 22.82 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Tgt Ion:167 Resp: 684982

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.8	10.0	15.0



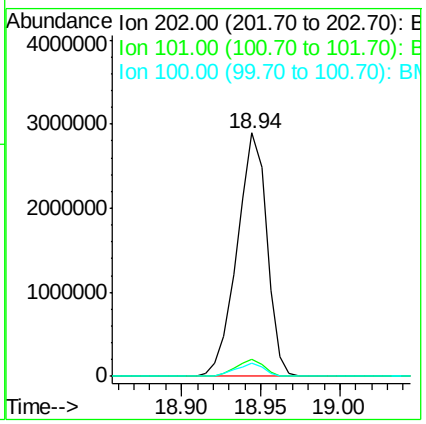


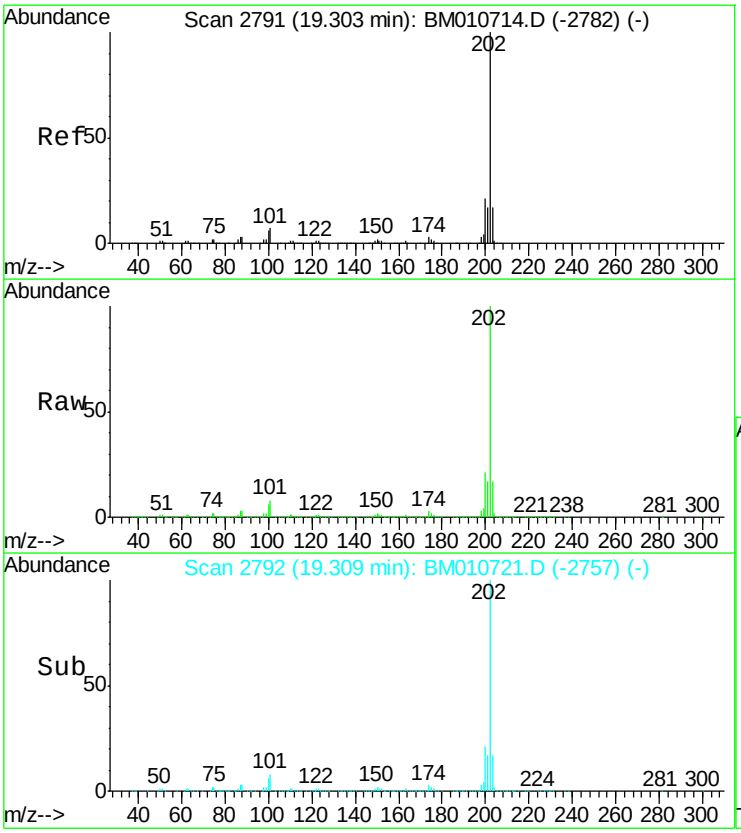
#74
Fluoranthene
Concen: 87.57 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Instrument :
BNA_M
ClientSampleId :
F5A93

Tgt Ion:202 Resp: 3769262

Ion	Ratio	Lower	Upper
202	100		
101	7.2	4.6	7.0#
100	5.4	3.4	5.2#

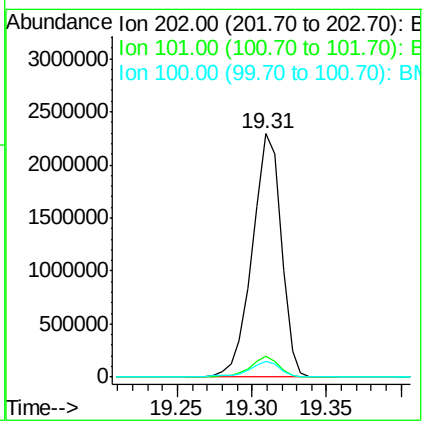


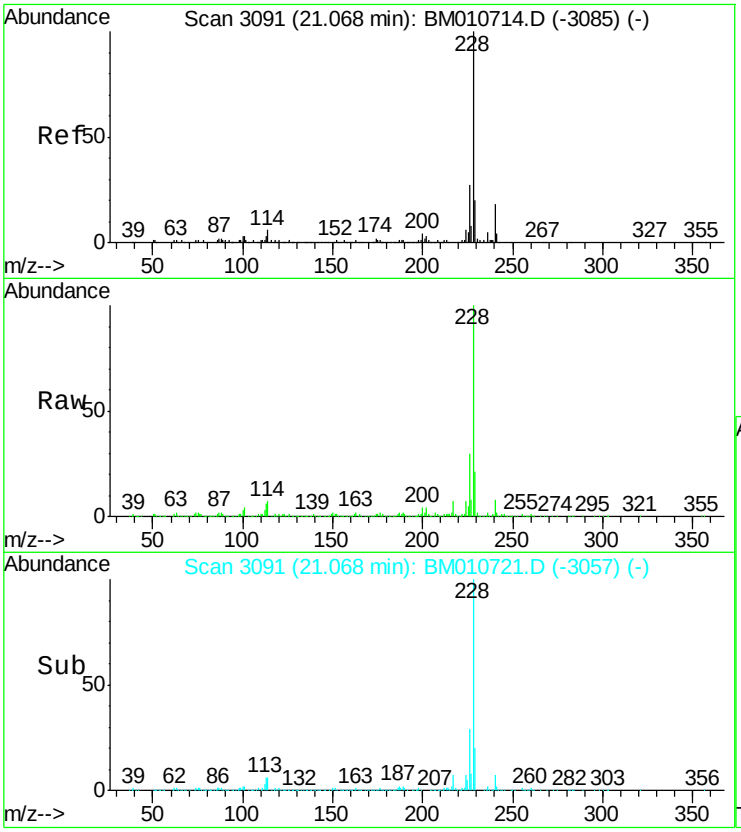


#77
Pyrene
Concen: 82.45 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Tgt Ion:202 Resp: 3064374

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	6.5	4.9	7.3



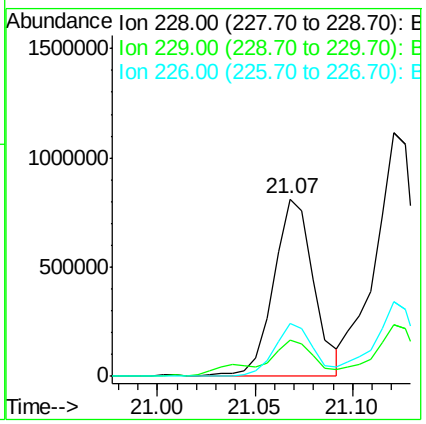


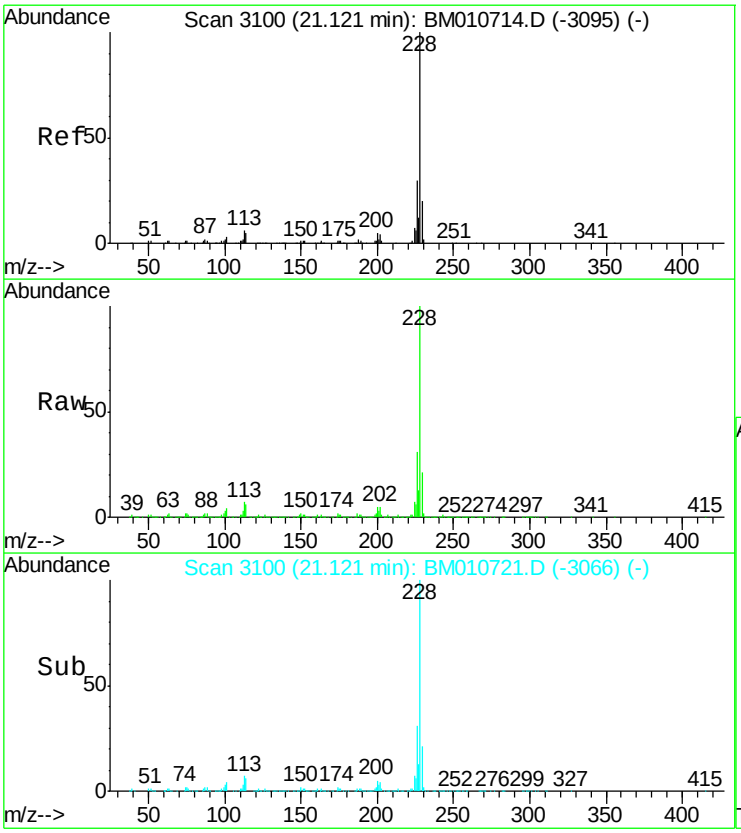
#80
Benzo(a)anthracene
Concen: 30.46 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Instrument :
BNA_M
ClientSampleId :
F5A93

Tgt Ion:228 Resp: 1141494

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	29.6	21.4	32.0

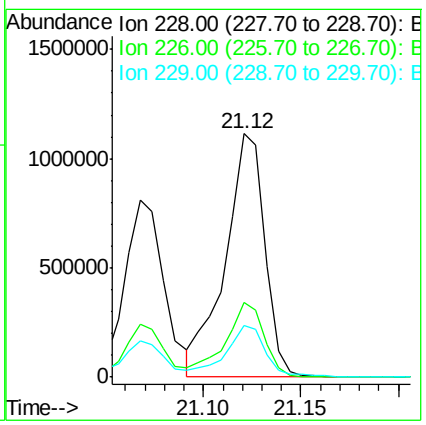


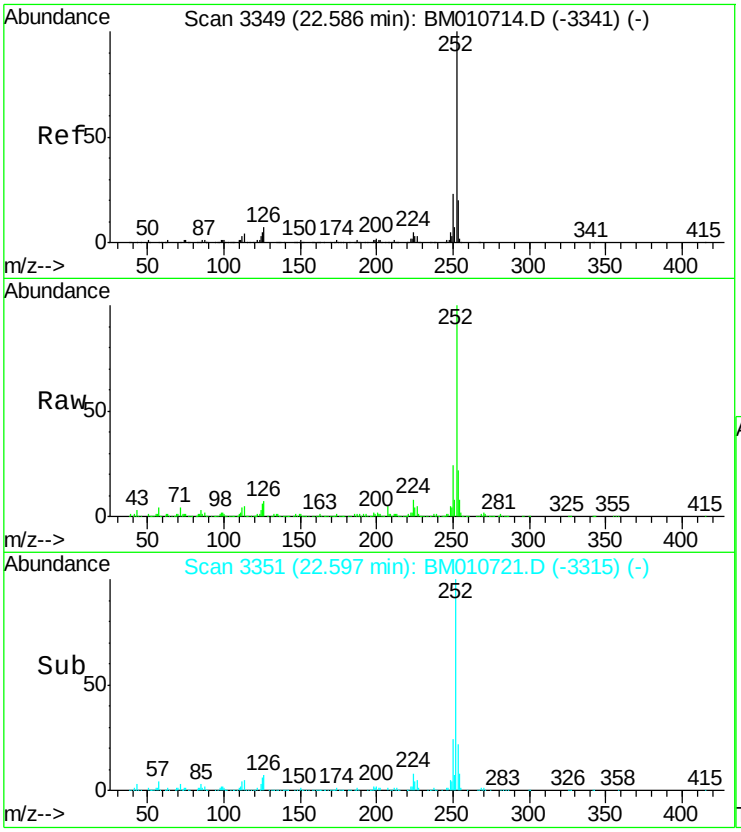


#82
Chrysene
Concen: 46.75 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Tgt Ion:228 Resp: 1561937

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	21.5	15.5	23.3



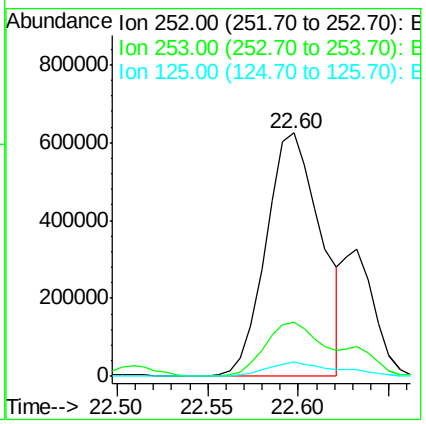


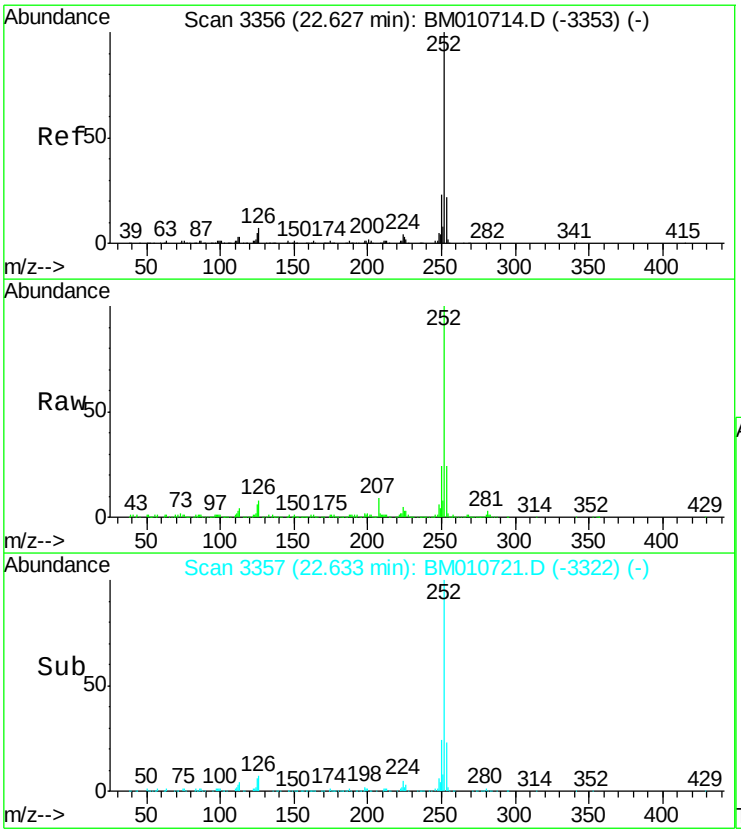
#85
Benzo(b)fluoranthene
Concen: 43.33 ng/ul
RT: 22.60 min Scan# 3351
Delta R.T. 0.01 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Instrument :
BNA_M
ClientSampleId :
F5A93

Tgt Ion:252 Resp: 1310590

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	5.8	3.6	5.4#

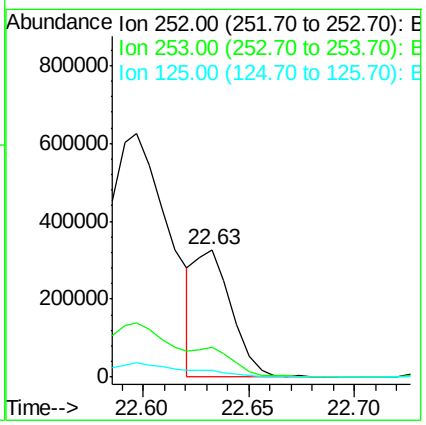


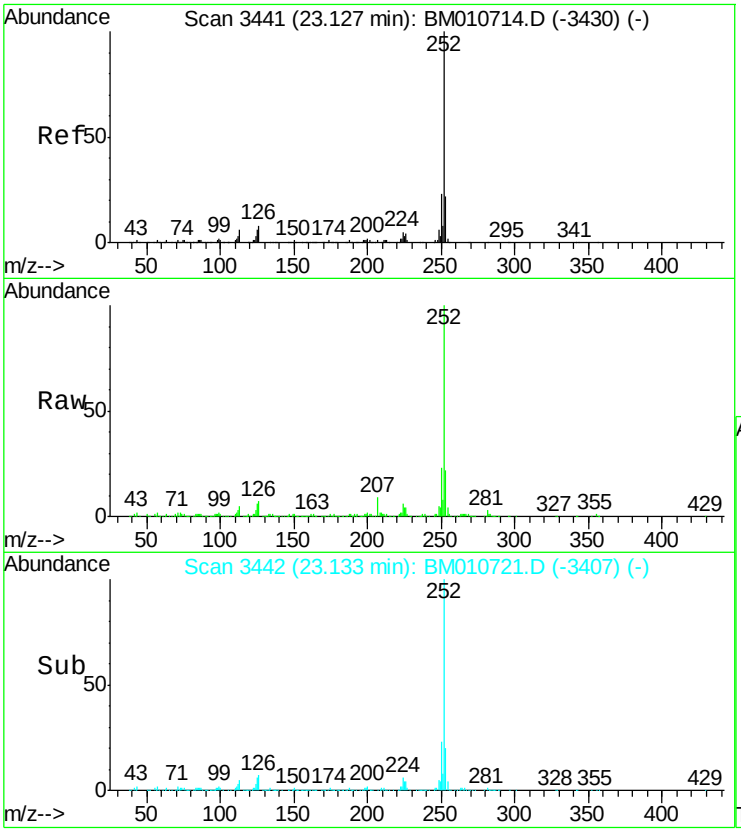


#86
Benzo(k)fluoranthene
Concen: 13.34 ng/ul
RT: 22.63 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Tgt Ion:252 Resp: 382614

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	5.7	3.4	5.2#



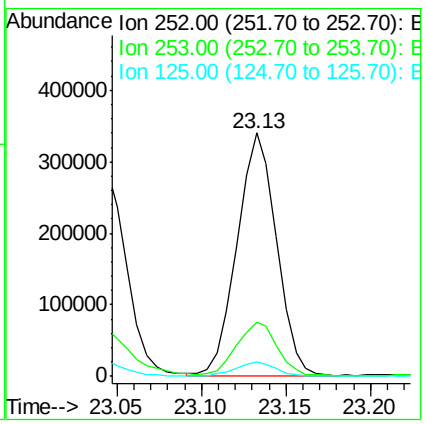


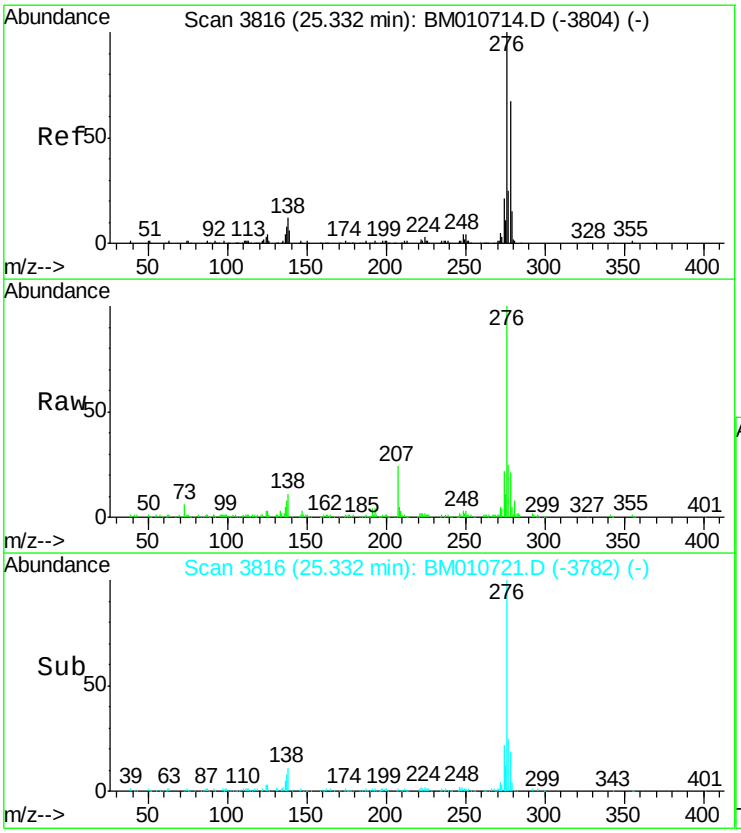
#88
Benzo(a)pyrene
Concen: 19.75 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Instrument :
BNA_M
ClientSampleId :
F5A93

Tgt Ion:252 Resp: 549765

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	5.8	4.0	6.0

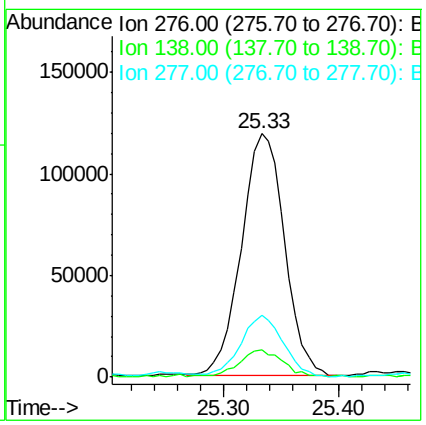


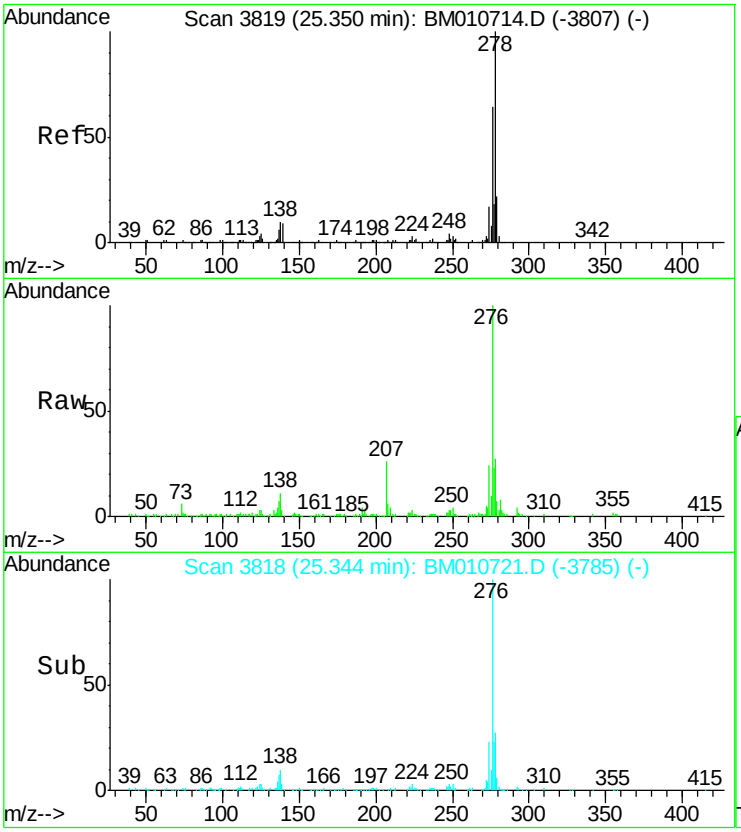


#89
Indeno(1,2,3-cd)pyrene
Concen: 10.68 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.00 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Tgt Ion:276 Resp: 308549

Ion	Ratio	Lower	Upper
276	100		
138	11.3	9.3	13.9
277	25.5	19.9	29.9



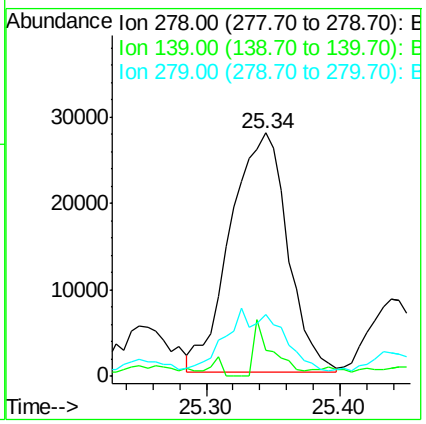


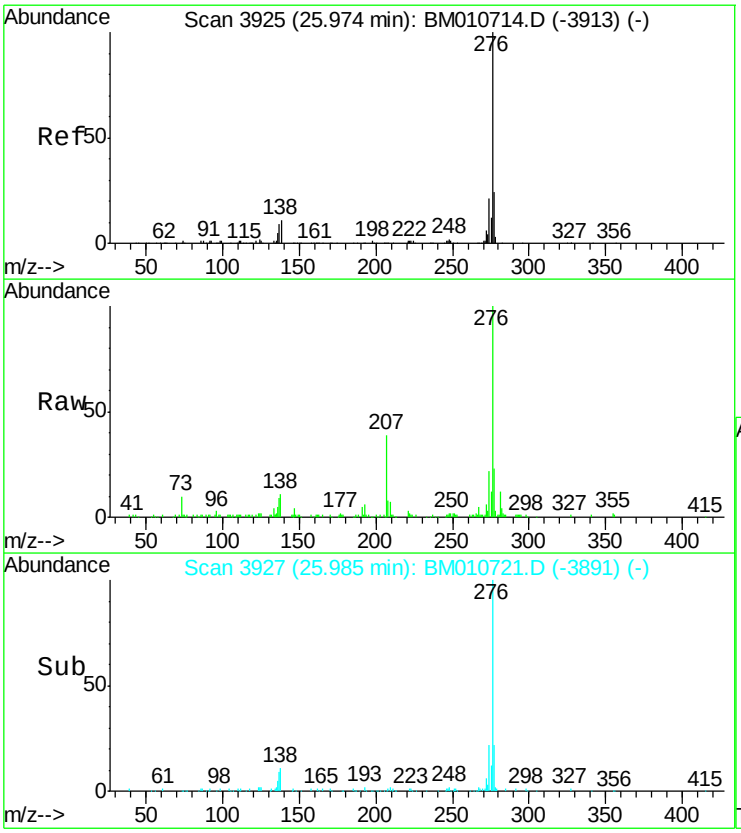
#90
Dibenzo(a,h)anthracene
Concen: 3.43 ng/ul
RT: 25.34 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Instrument :
BNA_M
ClientSampleId :
F5A93

Tgt Ion:278 Resp: 82645

Ion	Ratio	Lower	Upper
278	100		
139	10.8	5.8	8.8#
279	25.3	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 9.54 ng/ul
RT: 25.99 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BM010721.D
Acq: 24 Jun 2017 09:50

Tgt Ion:276 Resp: 219341

Ion	Ratio	Lower	Upper
276	100		
138	10.8	8.5	12.7
277	23.2	18.6	28.0