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

Quantitation Report (Not Reviewed)

Data File : BM010671.D
Acq On : 22 Jun 2017 21:57
Operator : SJ/JU
Sample : I3558-17ME 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D33ME

Quant Time: Jun 23 05:08:46 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	63902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	283141	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	198506	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	501477	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	599788	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	468324	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	569	0.51	ng/uL	0.01
5) Phenol-d5	6.65	99	12347	2.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	7967	2.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	9916	2.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	11140	2.21	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	4890	2.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	6042	2.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	12334	2.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	17708	3.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	47784	2.74	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	51849	2.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	5624	1.83	ng/ul	0.00
57) Fluorene-d10	15.12	176	41253	2.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	5895	1.91	ng/ul	0.00
70) Anthracene-d10	16.97	188	66291	2.74	ng/ul	0.00
76) Pyrene-d10	19.27	212	83882	3.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	61568	2.72	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.28	128	2151624	152.70	ng/ul	99
30) 4-Chloroaniline	10.28	127	286176	55.12	ng/ul#	18
34) 2-Methylnaphthalene	11.90	142	465317	41.08	ng/ul	94
40) 1,1'-Biphenyl	12.93	154	124549	8.03	ng/ul	96
47) Acenaphthylene	13.83	152	24278	1.26	ng/ul#	93
49) Acenaphthene	14.17	153	361827	27.78	ng/ul	99
53) Dibenzofuran	14.52	168	461974	23.42	ng/ul	92
58) Fluorene	15.17	166	446080	27.01	ng/ul	98
60) 4-Nitroaniline	15.17	138	5890	1.67	ng/ul#	1
69) Phenanthrene	16.92	178	2077835	77.94	ng/ul	98
71) Anthracene	17.00	178	320383	11.66	ng/ul	98
72) Carbazole	17.27	167	199585	8.33	ng/ul	98
74) Fluoranthene	18.94	202	1325653	38.58	ng/ul	97
77) Pyrene	19.30	202	874834	25.25	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	278135	7.96	ng/ul	99
82) Chrysene	21.12	228	216976	6.97	ng/ul	95
85) Benzo(b)fluoranthene	22.59	252	140624	4.63	ng/ul	99
86) Benzo(k)fluoranthene	22.59	252	140624	4.88	ng/ul	99
88) Benzo(a)pyrene	23.13	252	76371	2.73	ng/ul	97

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

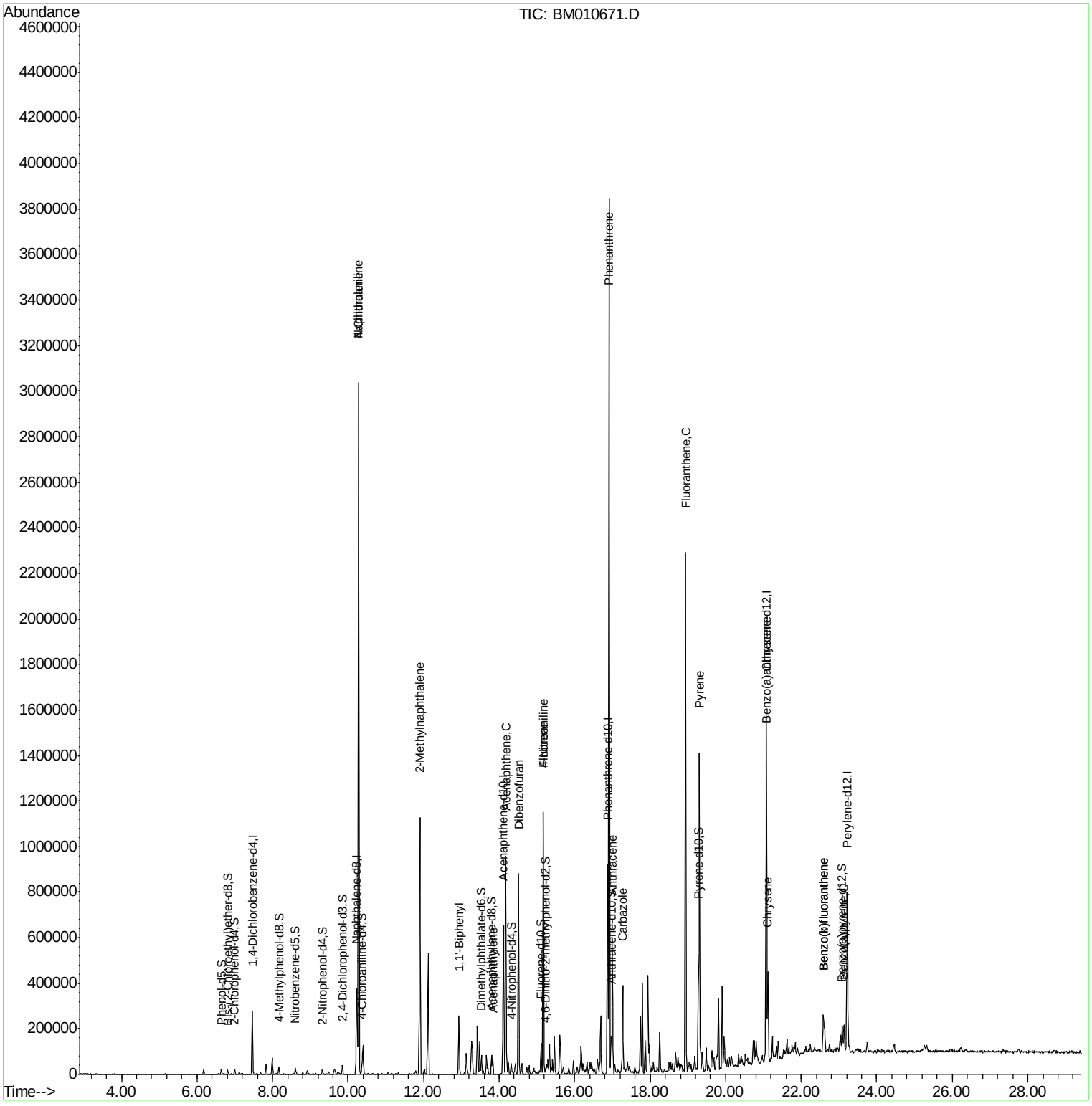
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\

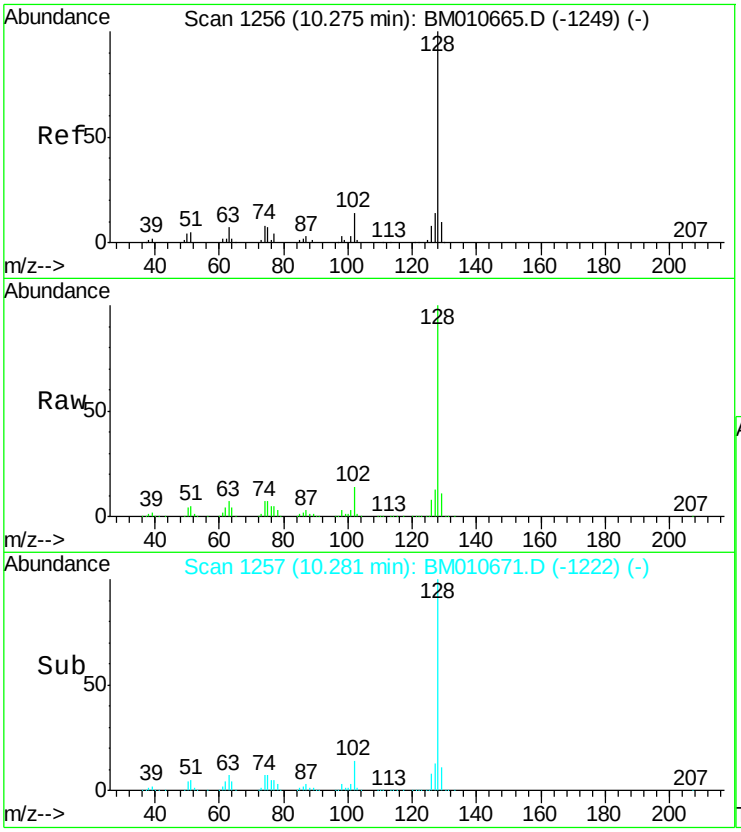
Quantitation Report (Not Reviewed)

Data File : BM010671.D
Acq On : 22 Jun 2017 21:57
Operator : SJ/JU
Sample : I3558-17ME 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D33ME

Quant Time: Jun 23 05:08:46 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration



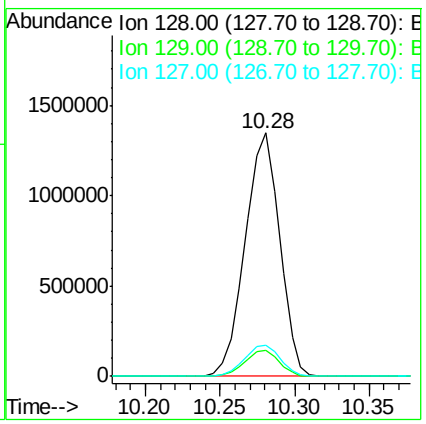


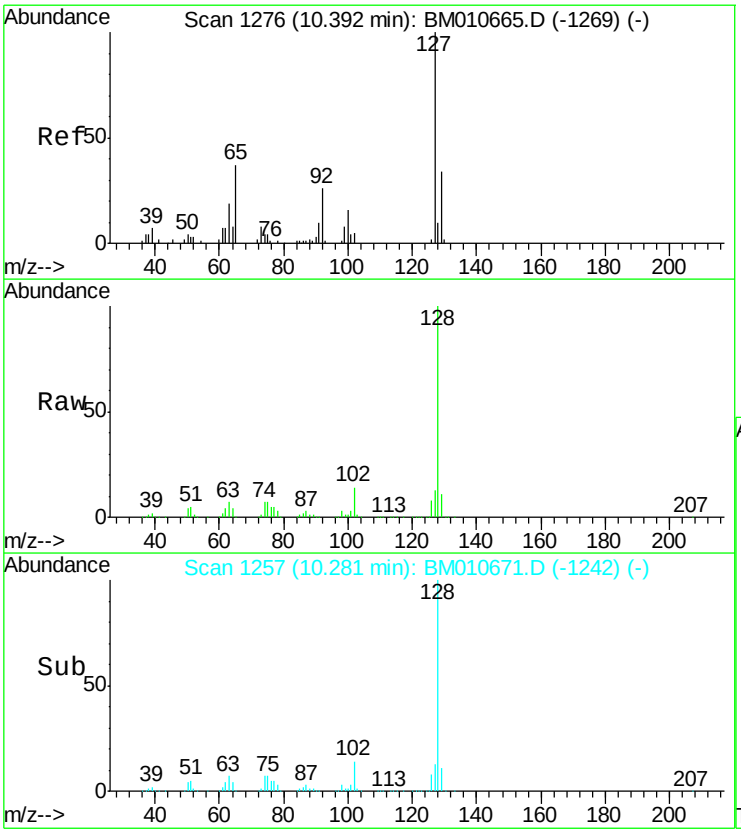
#28
Naphthalene
Concen: 152.70 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:128 Resp: 2151624

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.6	16.0

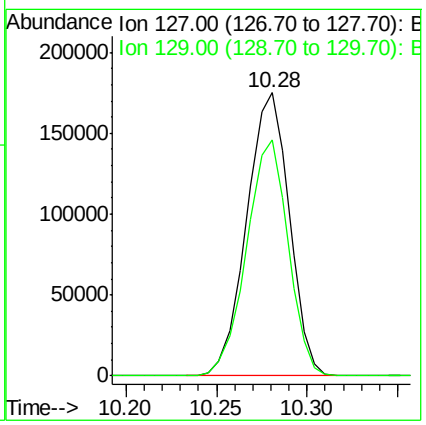


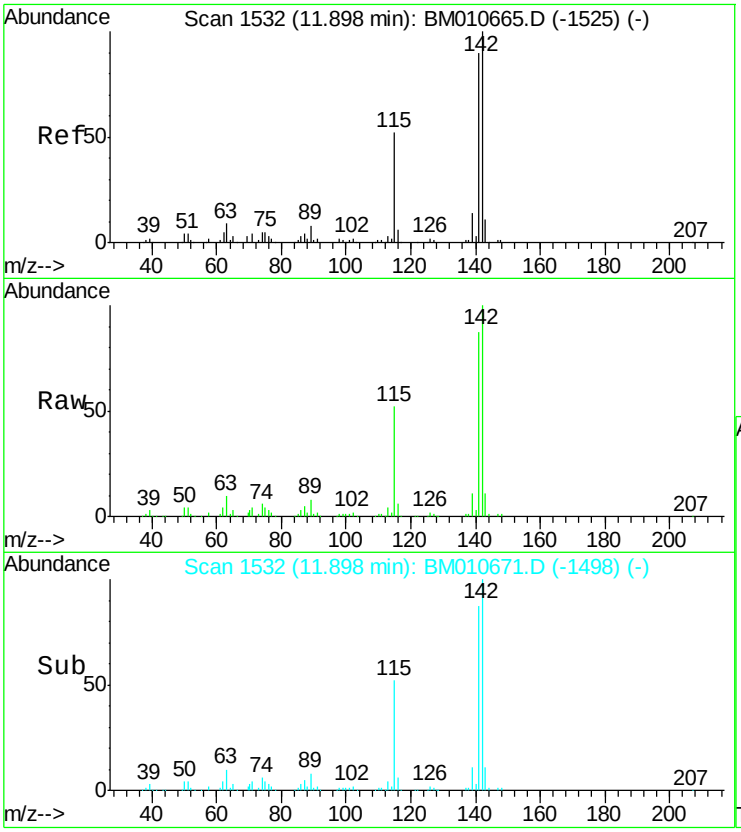


#30
4-Chloroaniline
Concen: 55.12 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. -0.11 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Tgt Ion:127 Resp: 286176

Ion	Ratio	Lower	Upper
127	100		
129	83.4	28.4	42.6#



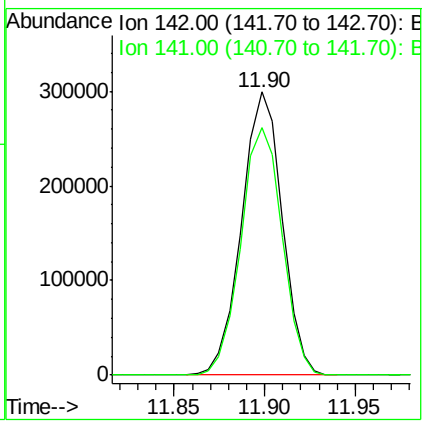


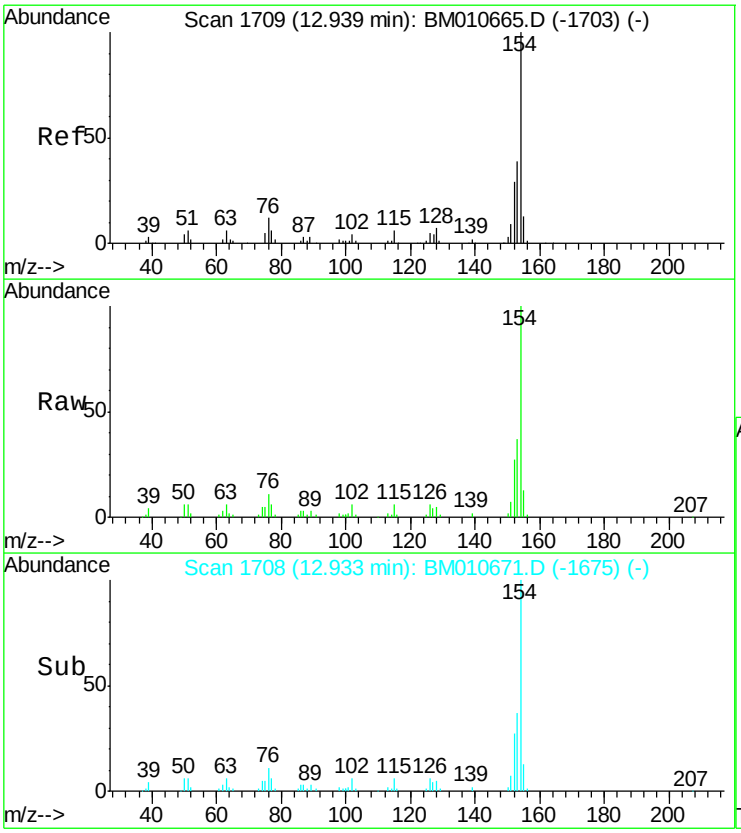
#34
2-Methylnaphthalene
Concen: 41.08 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:142 Resp: 465317

Ion	Ratio	Lower	Upper
142	100		
141	87.3	74.1	111.1

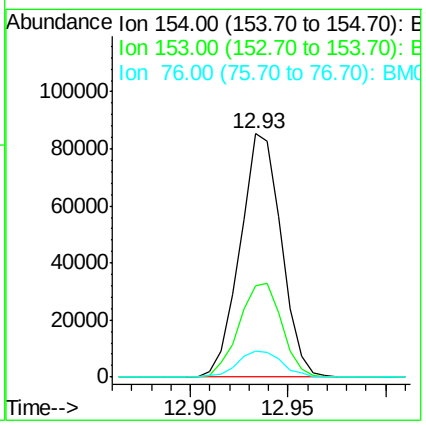


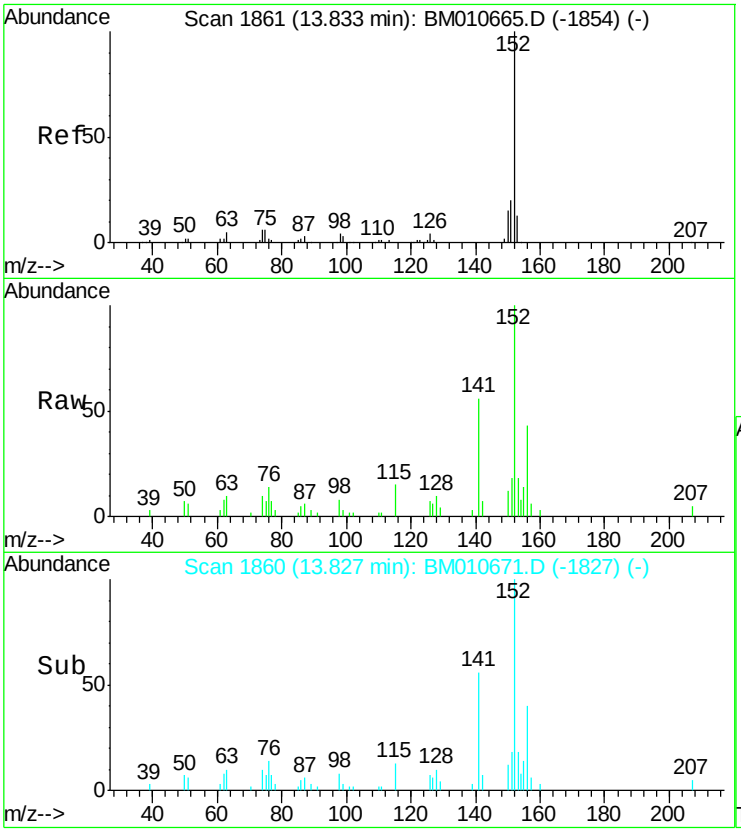


#40
1,1'-Biphenyl
Concen: 8.03 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Tgt Ion:154 Resp: 124549

Ion	Ratio	Lower	Upper
154	100		
153	37.3	32.6	48.8
76	10.8	8.5	12.7



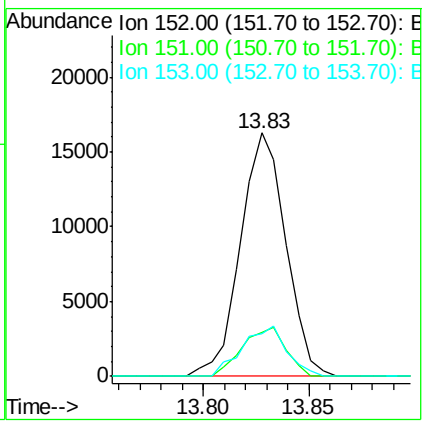


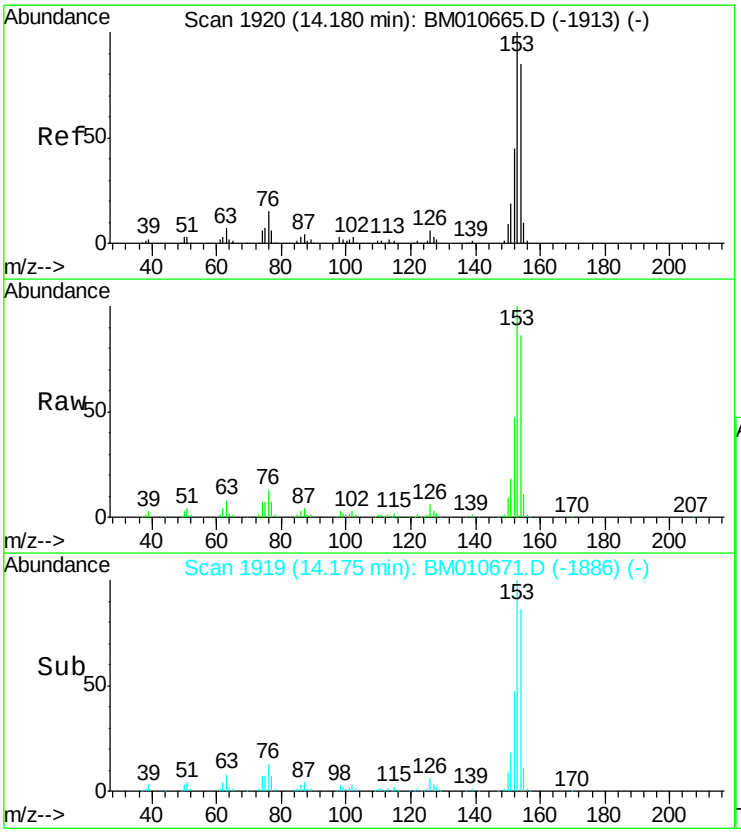
#47
Acenaphthylene
Concen: 1.26 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:152 Resp: 24278

Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.3	24.5
153	17.5	10.2	15.4#

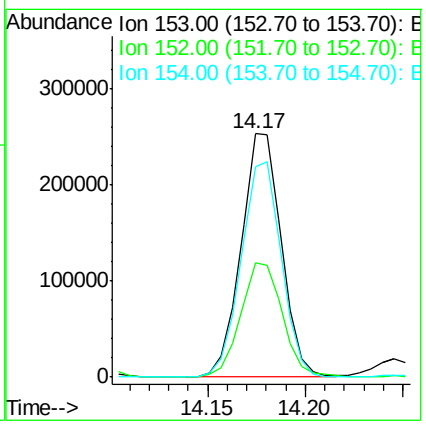


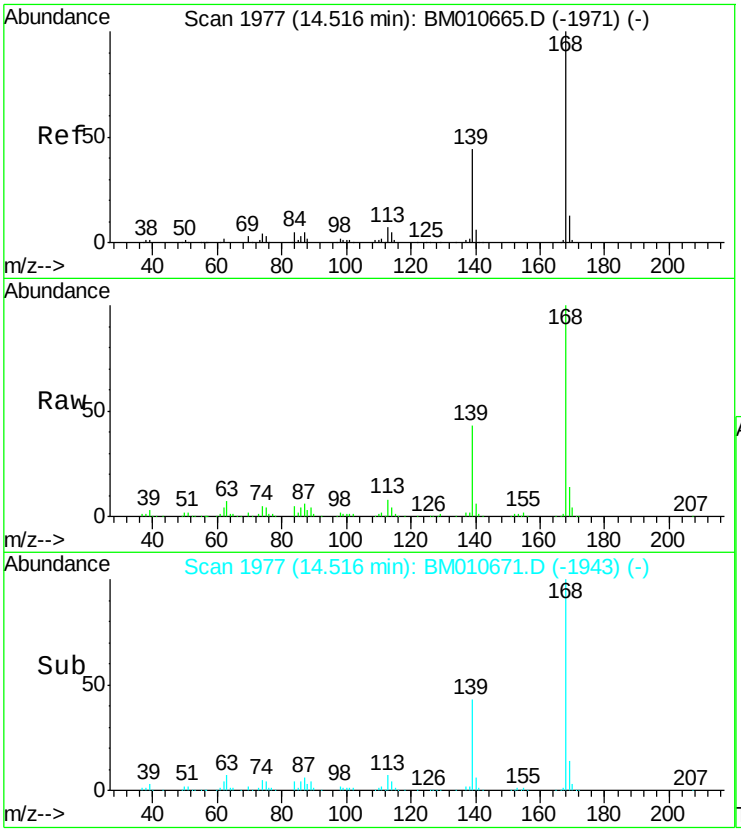


#49
Acenaphthene
Concen: 27.78 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Tgt Ion:153 Resp: 361827

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.6	56.4
154	86.5	70.4	105.6



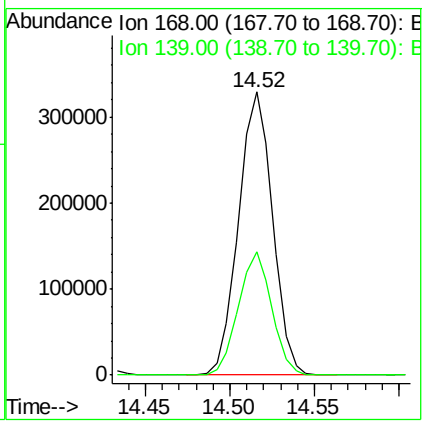


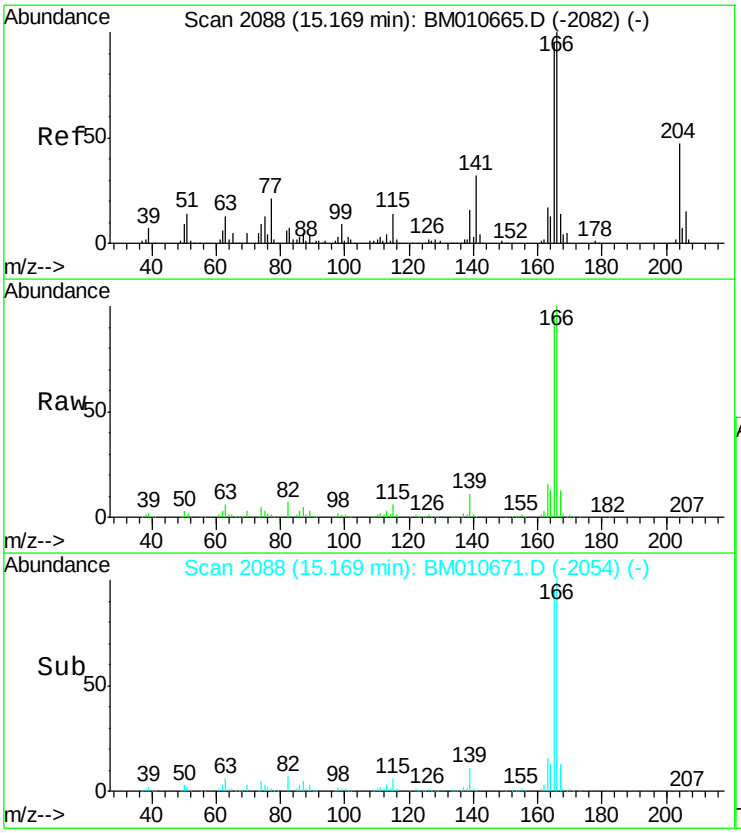
#53
Dibenzofuran
Concen: 23.42 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:168 Resp: 461974

Ion	Ratio	Lower	Upper
168	100		
139	43.4	30.8	46.2

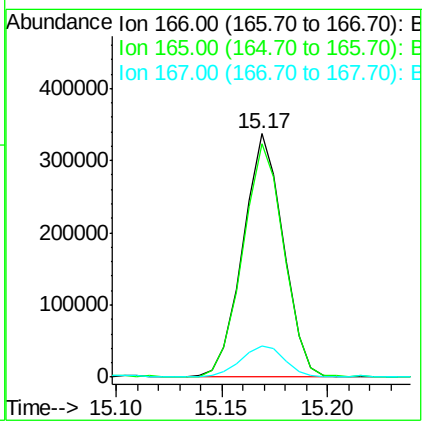


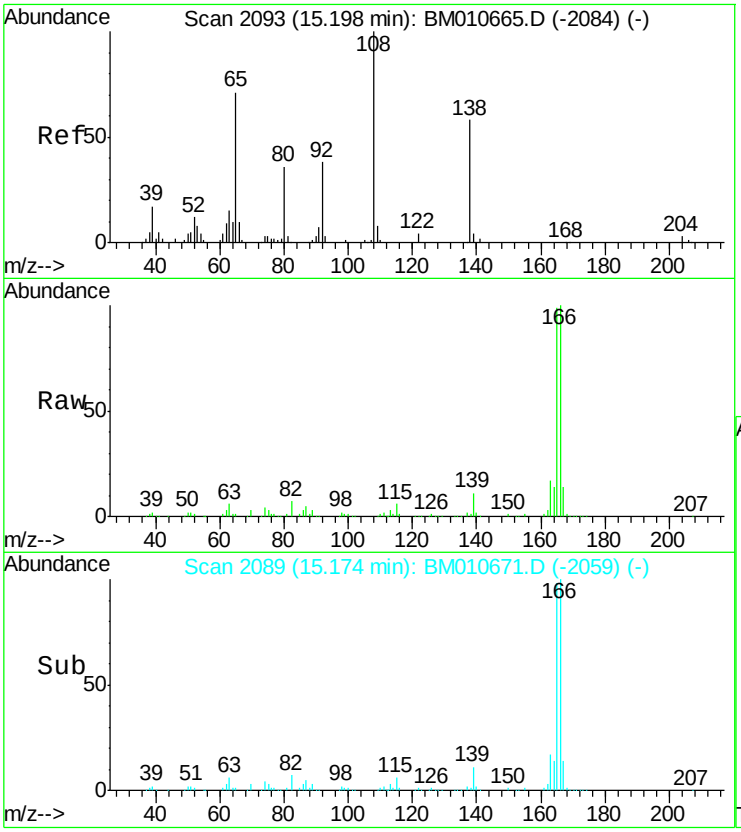


#58
Fluorene
Concen: 27.01 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Tgt Ion:166 Resp: 446080

Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.9	116.9
167	12.8	10.6	16.0



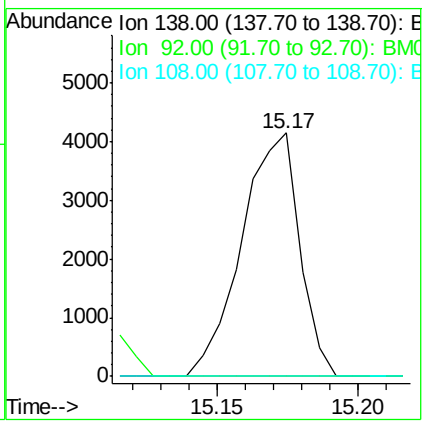


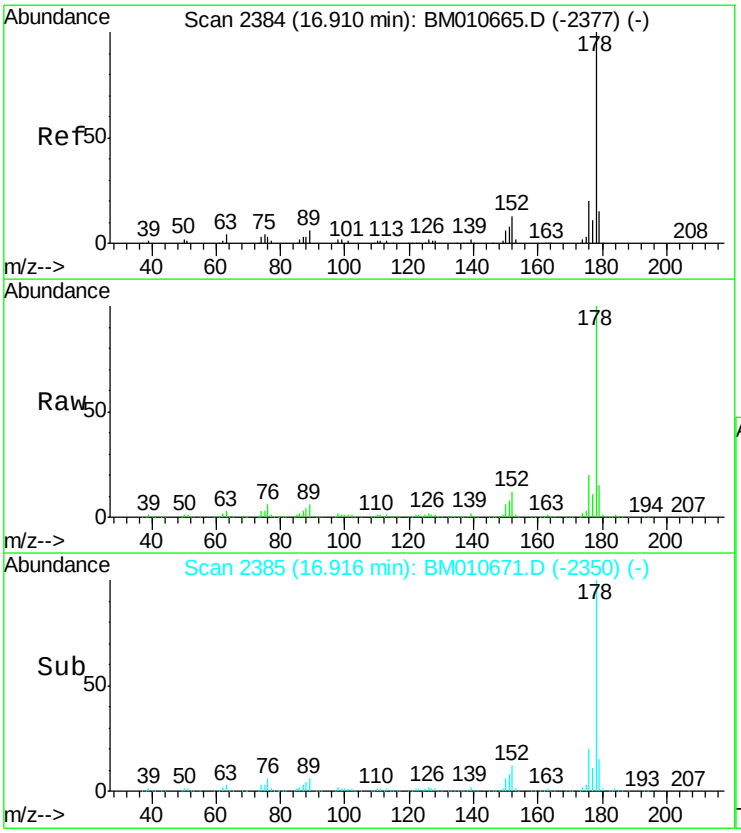
#60
4-Nitroaniline
Concen: 1.67 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. -0.02 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:138 Resp: 5890

Ion	Ratio	Lower	Upper
138	100		
92	0.0	52.7	79.1#
108	0.0	140.4	210.6#

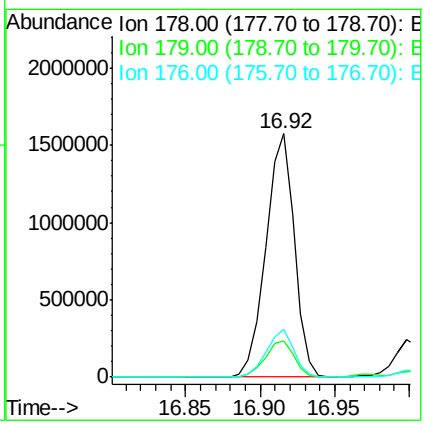


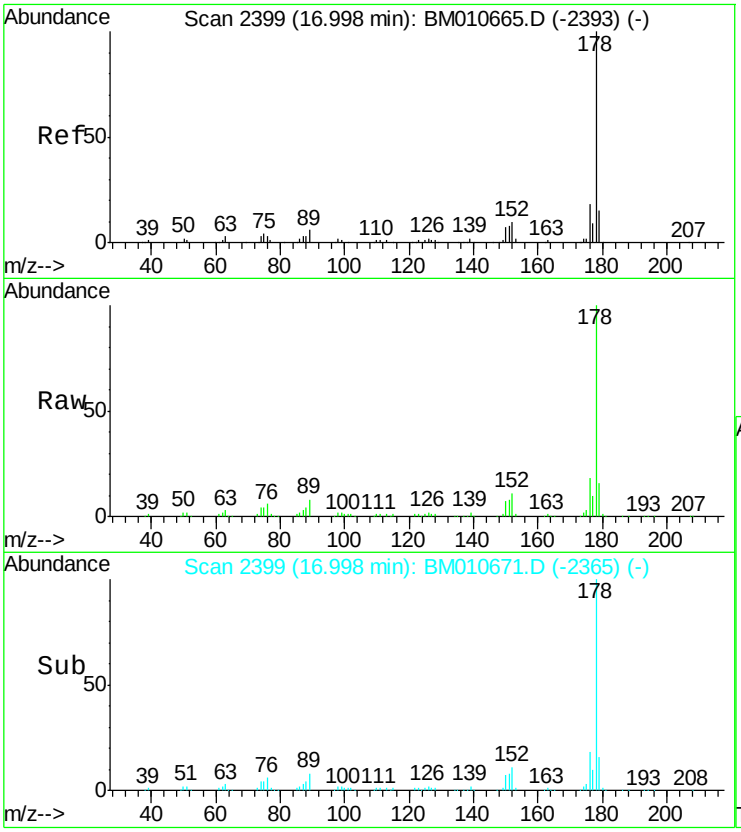


#69
Phenanthrene
Concen: 77.94 ng/ul
RT: 16.92 min Scan# 2385
Delta R.T. 0.01 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Tgt Ion:178 Resp: 2077835

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.5	14.9	22.3



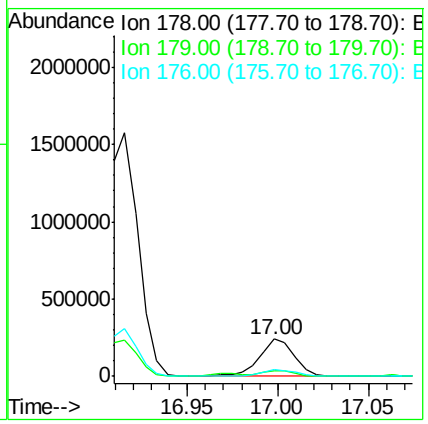


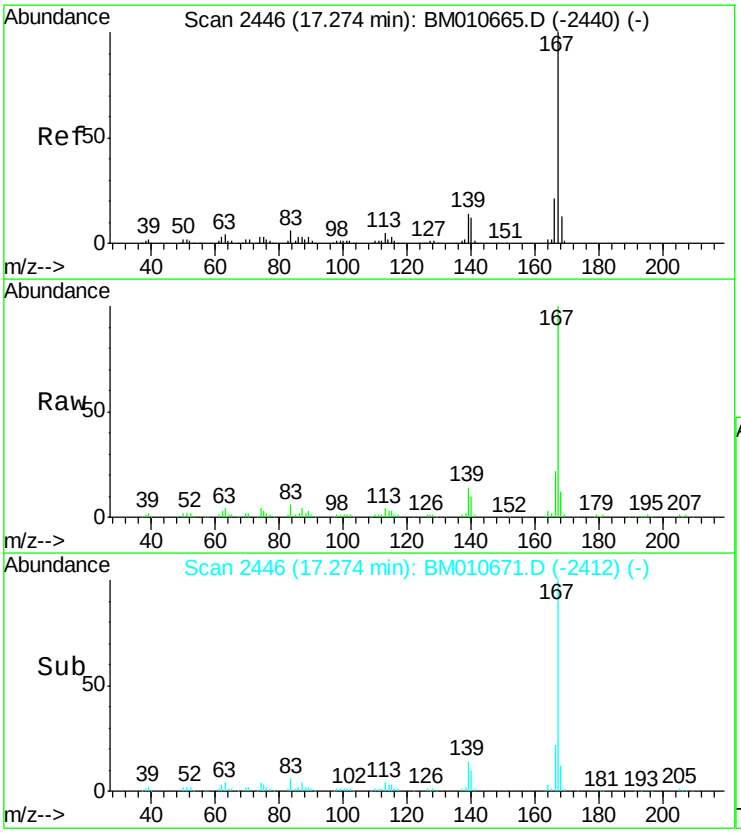
#71
Anthracene
Concen: 11.66 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:178 Resp: 320383

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.7	17.5
176	18.3	14.6	21.8

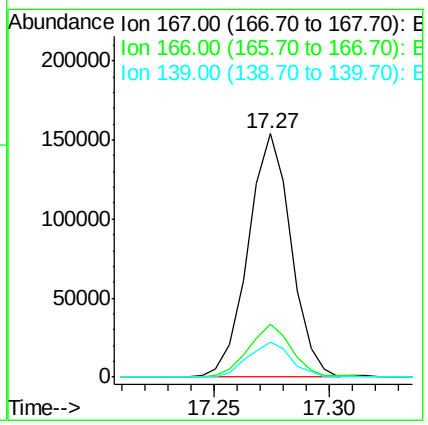


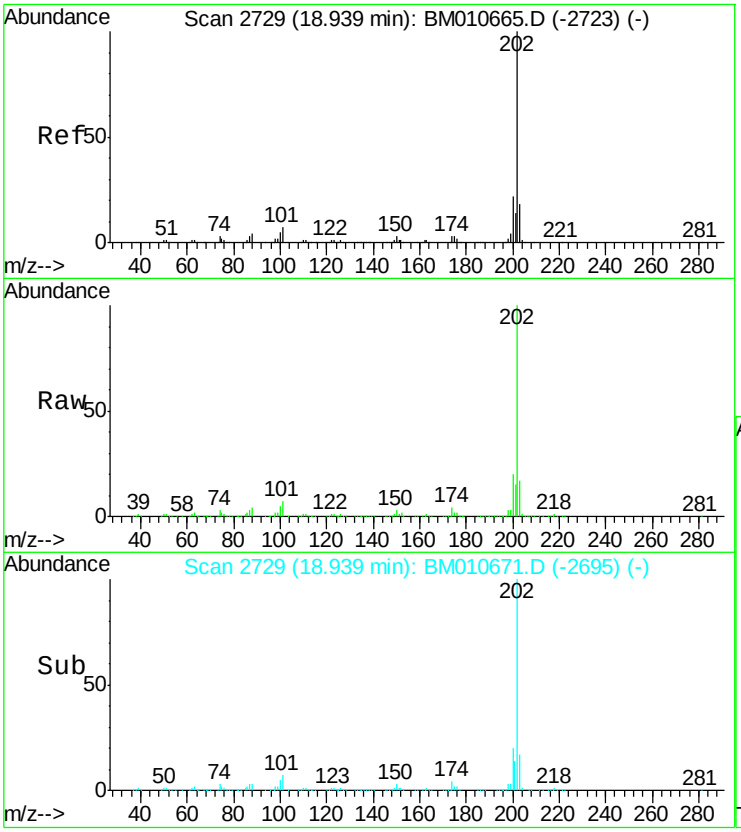


#72
Carbazole
Concen: 8.33 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Tgt Ion:167 Resp: 199585

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	14.3	10.0	15.0



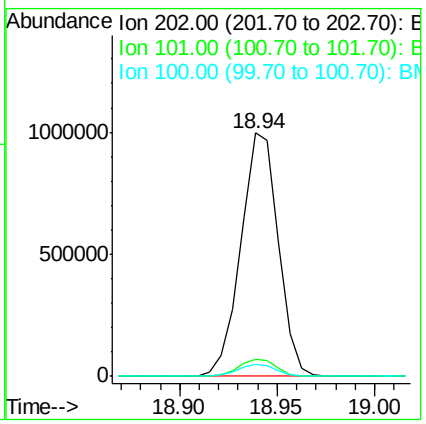


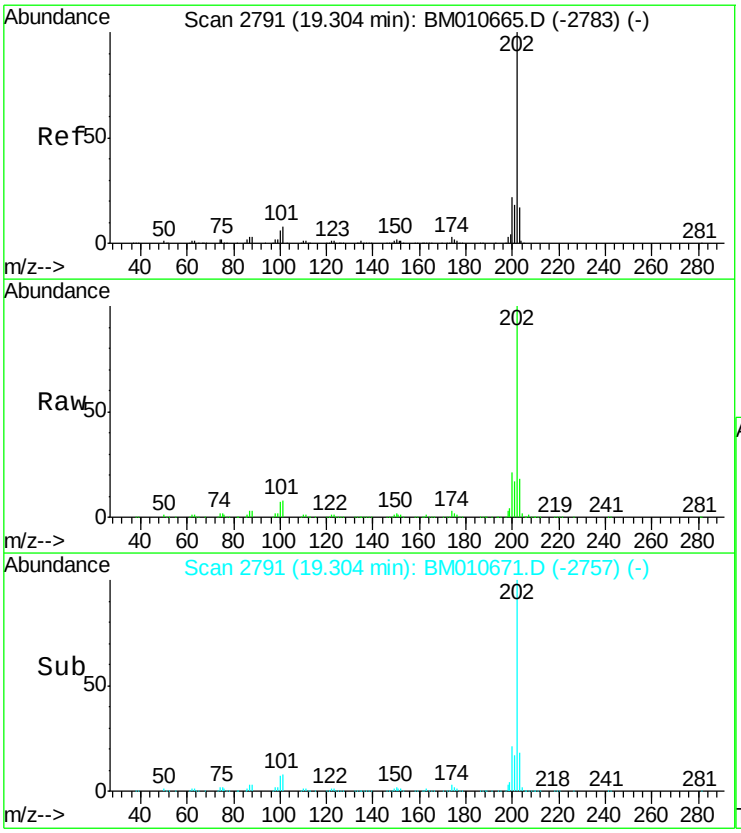
#74
Fluoranthene
Concen: 38.58 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:202 Resp: 1325653

Ion	Ratio	Lower	Upper
202	100		
101	6.8	4.6	7.0
100	4.9	3.4	5.2

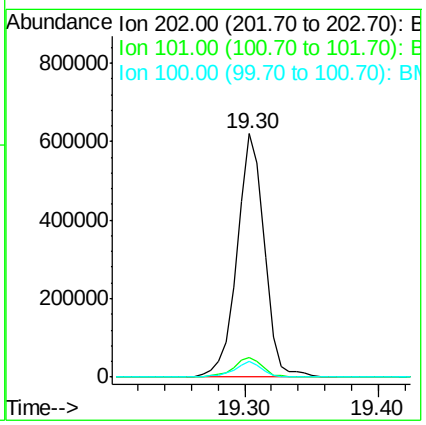


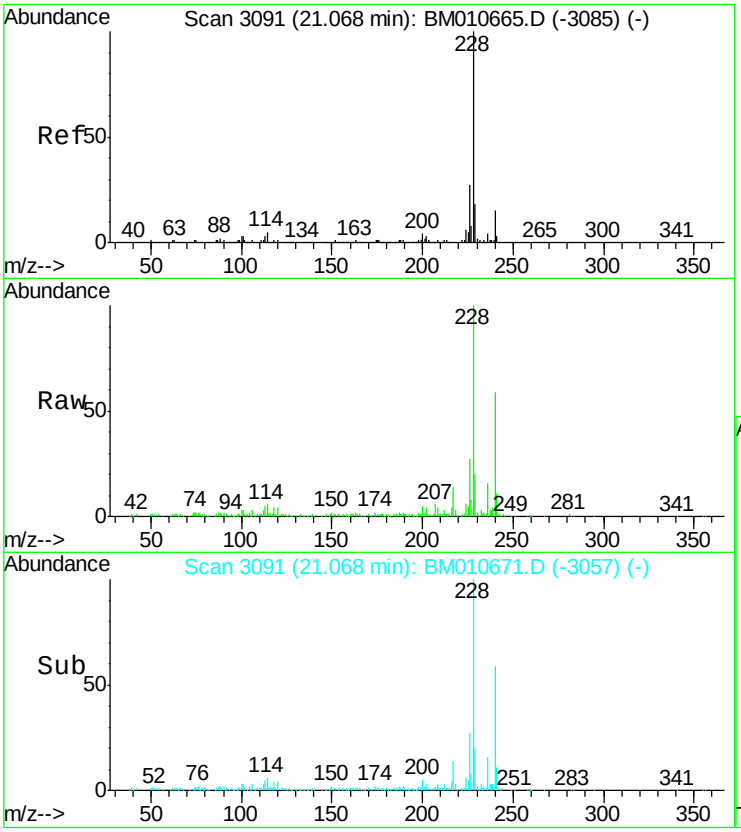


#77
Pyrene
Concen: 25.25 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Tgt Ion:202 Resp: 874834

Ion	Ratio	Lower	Upper
202	100		
101	8.3	5.1	7.7#
100	6.5	4.9	7.3



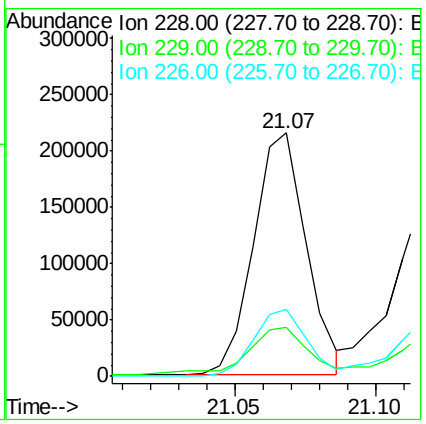


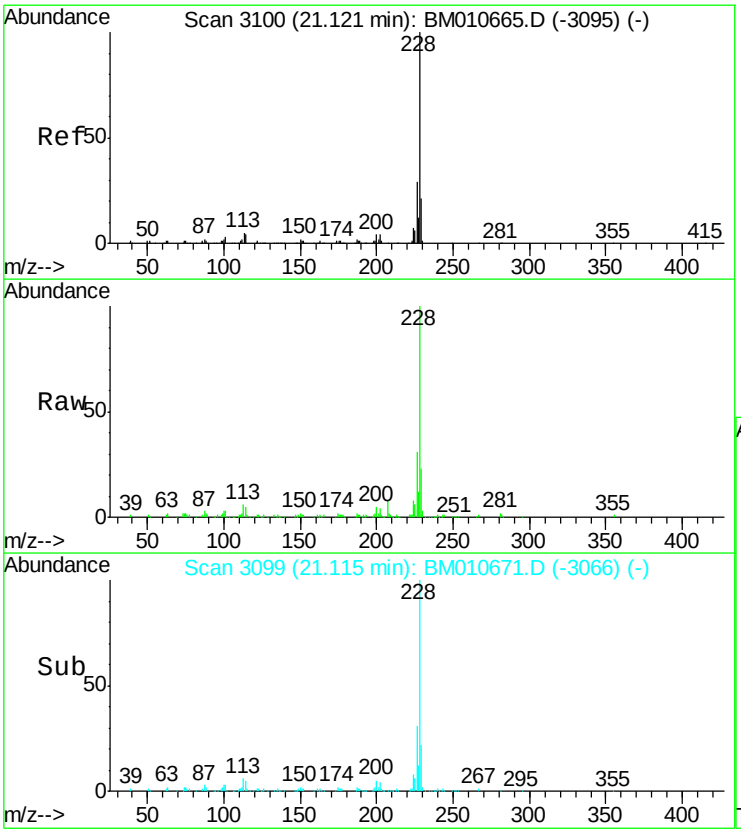
#80
Benzo(a)anthracene
Concen: 7.96 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:228 Resp: 278135

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.0
226	27.3	21.4	32.0

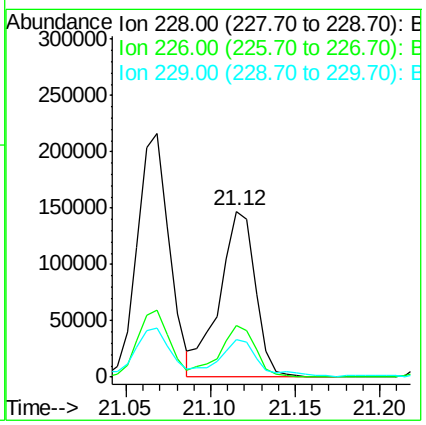


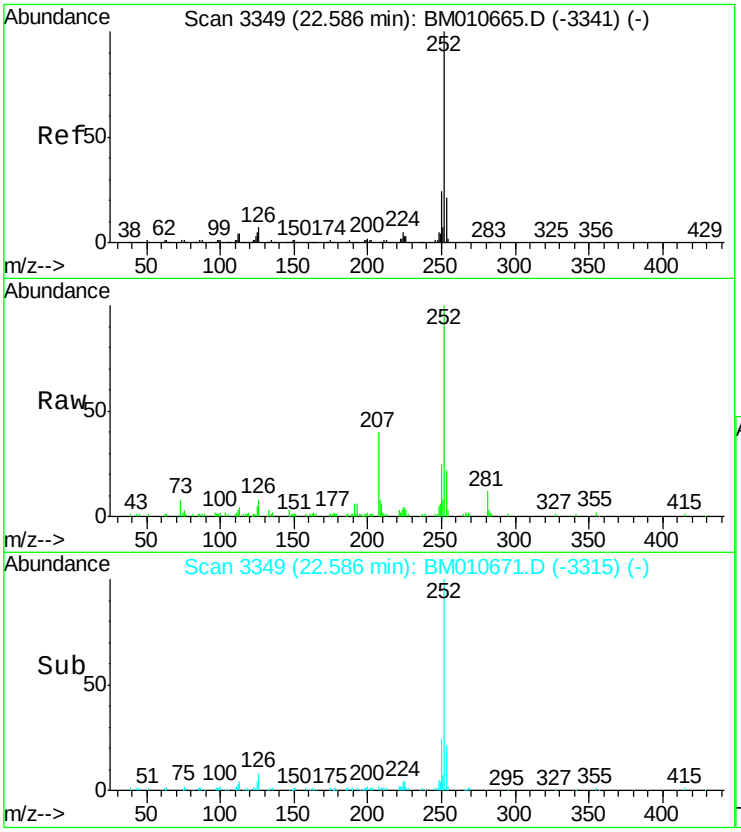


#82
Chrysene
Concen: 6.97 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Tgt Ion:228 Resp: 216976

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	22.9	15.5	23.3



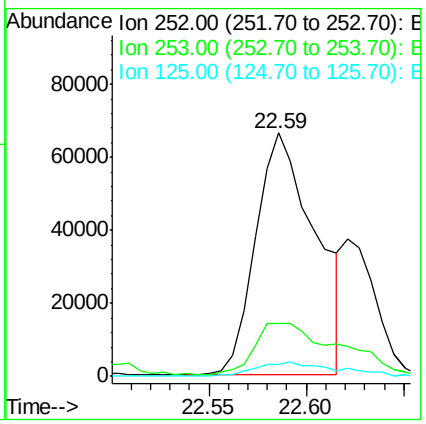


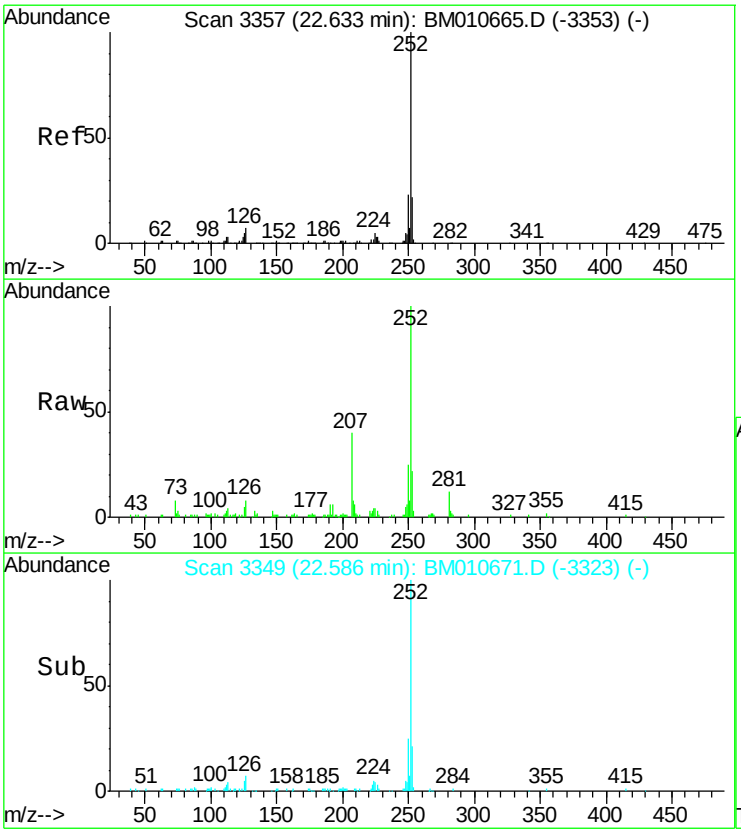
#85
Benzo(b)fluoranthene
Concen: 4.63 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:252 Resp: 140624

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	4.9	3.6	5.4

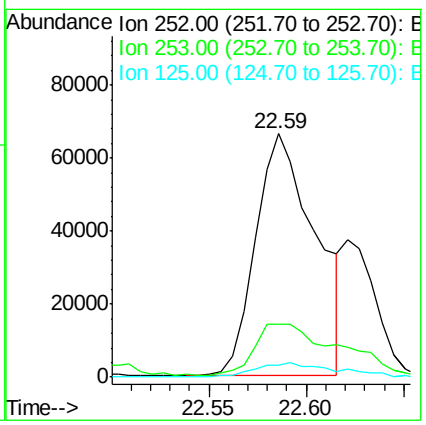


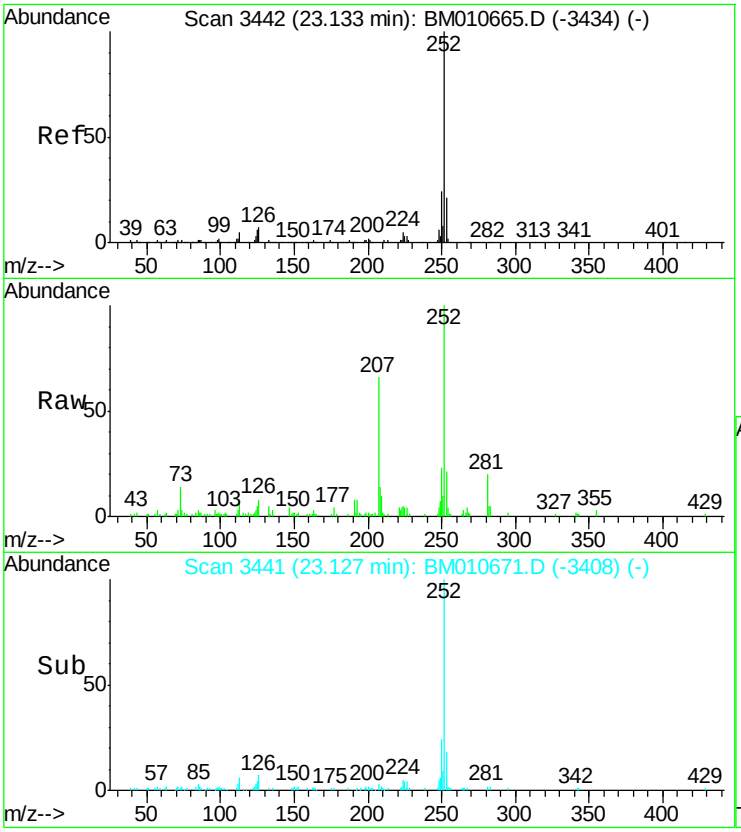


#86
Benzo(k)fluoranthene
Concen: 4.88 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.05 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Tgt Ion:252 Resp: 140624

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	4.9	3.4	5.2





#88
Benzo(a)pyrene
Concen: 2.73 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BM010671.D
Acq: 22 Jun 2017 21:57

Instrument :
BNA_M
ClientSampleId :
F5D33ME

Tgt Ion:252 Resp: 76371

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.2
125	4.6	4.0	6.0