Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010672.D
Acq On : 22 Jun 2017 22:33
Operator : SJ/JU
Sample : I3653-02 25X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B19

Manual Integrations APPROVED
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6/26/2017 8:26:11 AM

Quant Time: Jun 23 05:55:58 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	60916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	272112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	185950	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	457821	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	556500	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	425885	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	2394	0.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1616	0.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	1849m	0.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	1938m	0.40	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	790m	0.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	1489	0.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2593	0.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	7138	1.44	ng/ul	0.01
43) Dimethylphthalate-d6	13.53	166	11678	0.72	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	11247	0.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1901	0.66	ng/ul	0.00
57) Fluorene-d10	15.11	176	11222	0.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	1175	0.42	ng/ul	0.00
70) Anthracene-d10	16.97	188	17442	0.79	ng/ul	0.00
76) Pyrene-d10	19.28	212	20559	0.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	14939	0.73	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.29	128	4482046	330.986	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	868462	79.782	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	254070	17.477	ng/ul	99
47) Acenaphthylene	13.83	152	76564	4.234	ng/ul#	94
49) Acenaphthene	14.18	153	849858	69.665	ng/ul	100
53) Dibenzofuran	14.52	168	1035937	56.073	ng/ul	90
58) Fluorene	15.17	166	1124364	72.690	ng/ul	100
69) Phenanthrene	16.92	178	5640690	231.751	ng/ul	98
71) Anthracene	17.00	178	779361	31.081	ng/ul	98
72) Carbazole	17.27	167	512110	23.409	ng/ul	97
74) Fluoranthene	18.94	202	3464723	110.455	ng/ul#	96
77) Pyrene	19.31	202	2222117	69.131	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	704145	21.728	ng/ul	98
82) Chrysene	21.12	228	508755	17.608	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	307265	11.114	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	109065m	4.161	ng/ul	
88) Benzo(a)pyrene	23.13	252	172479	6.777	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	48131	1.823	ng/ul	97
91) Benzo(g,h,i)perylene	25.97	276	28382	1.351	ng/ul	97

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

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Instrument :
BNA_M
ClientSampleId :
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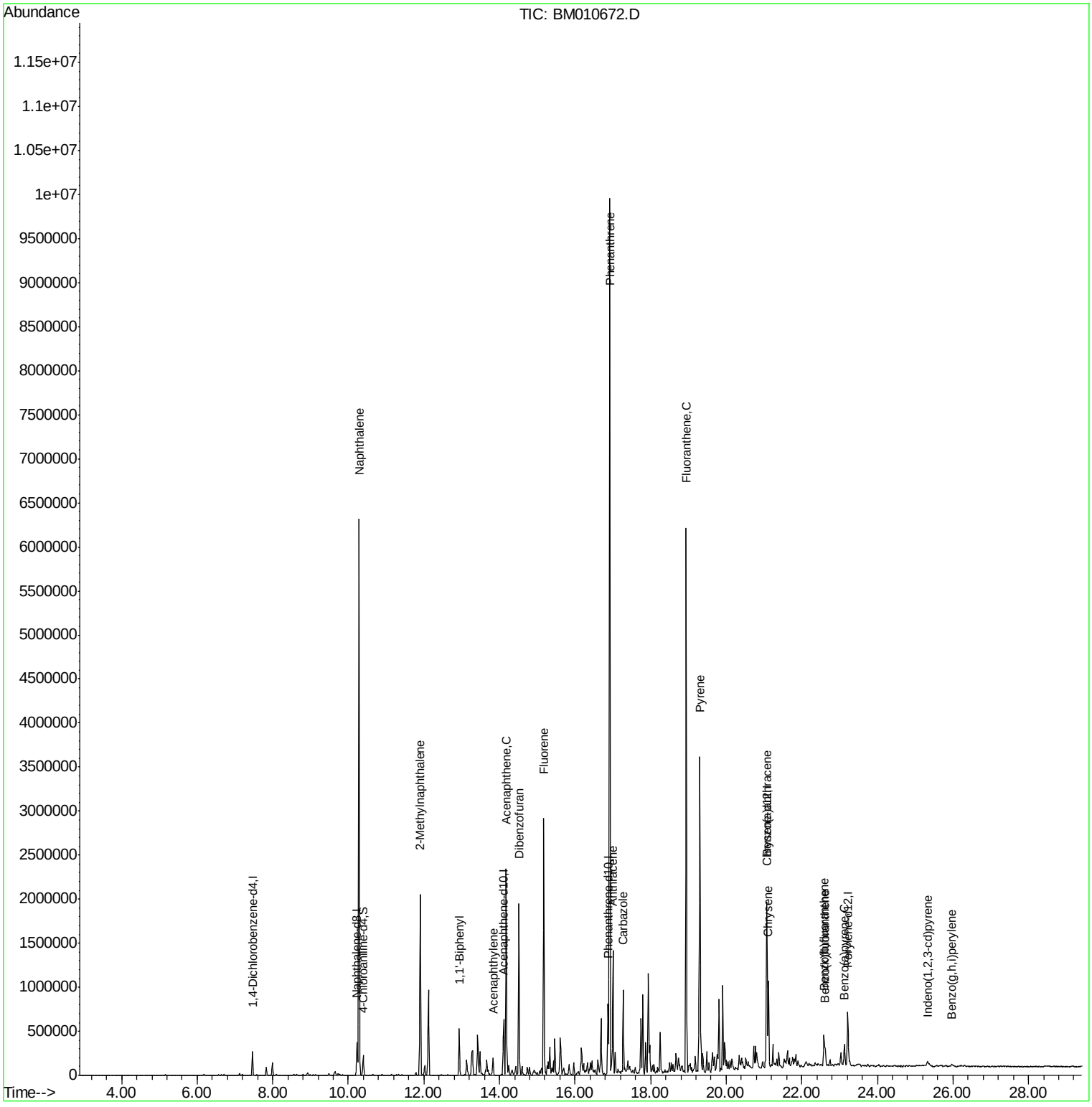
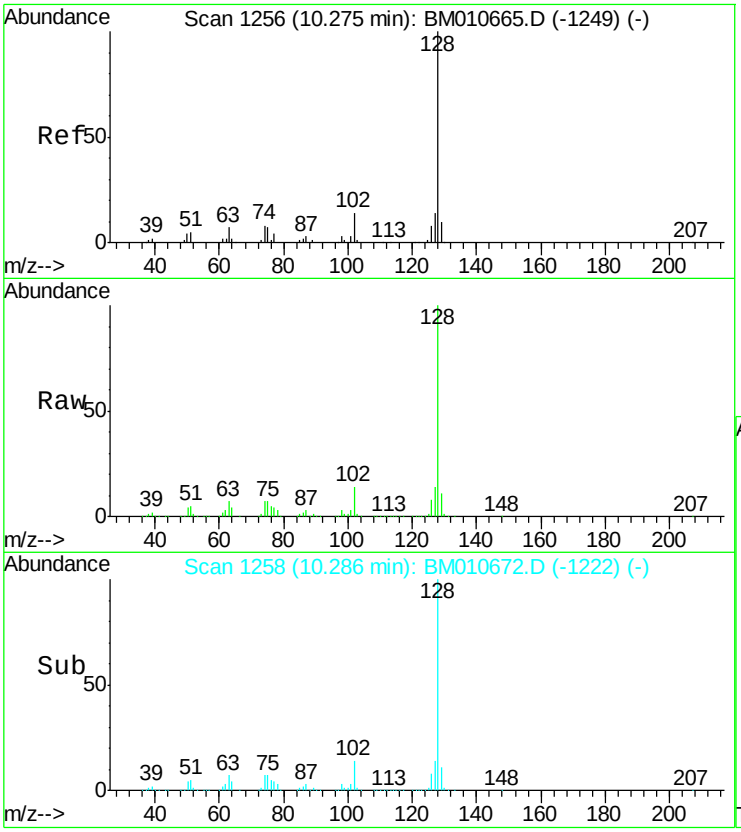
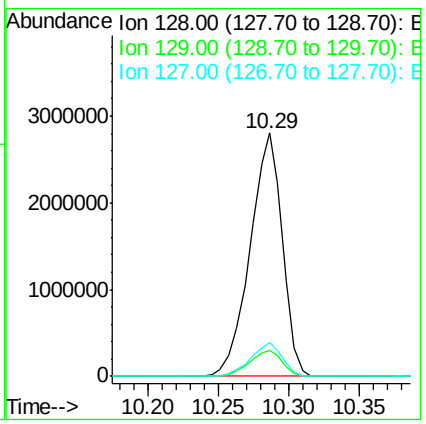




#28
Naphthalene
Concen: 330.986 ng/ul
RT: 10.29 min Scan# 1258
Delta R.T. 0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:128 Resp: 4482046

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.7	10.6	16.0



Instrument :
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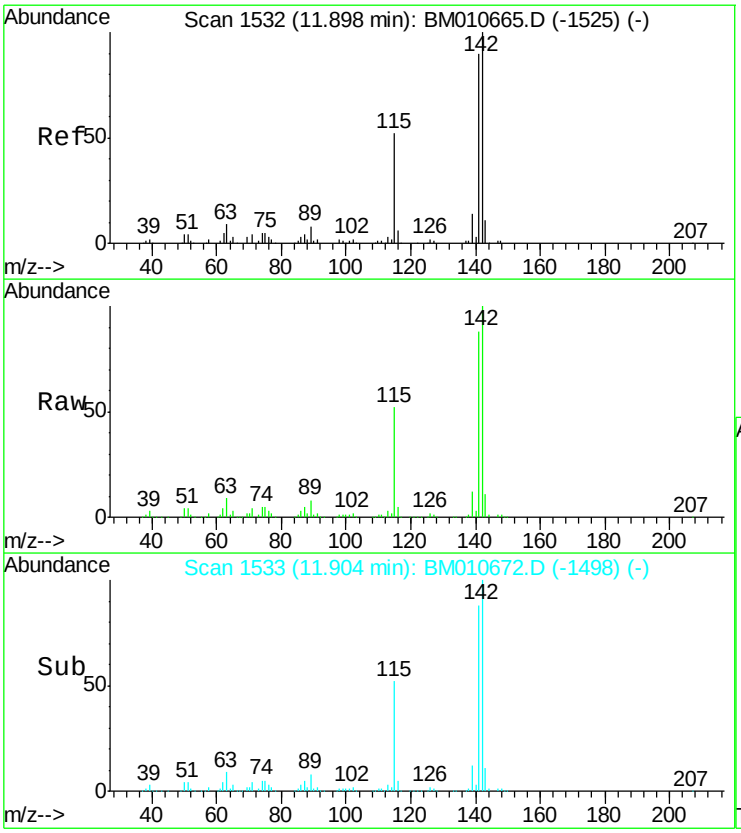
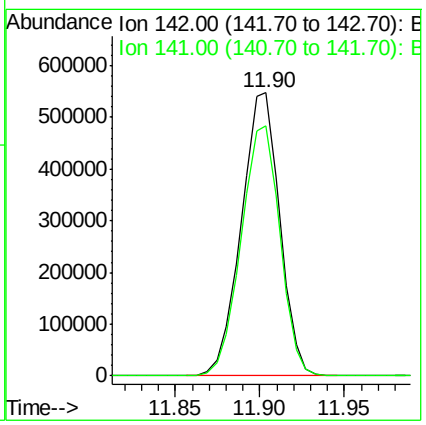
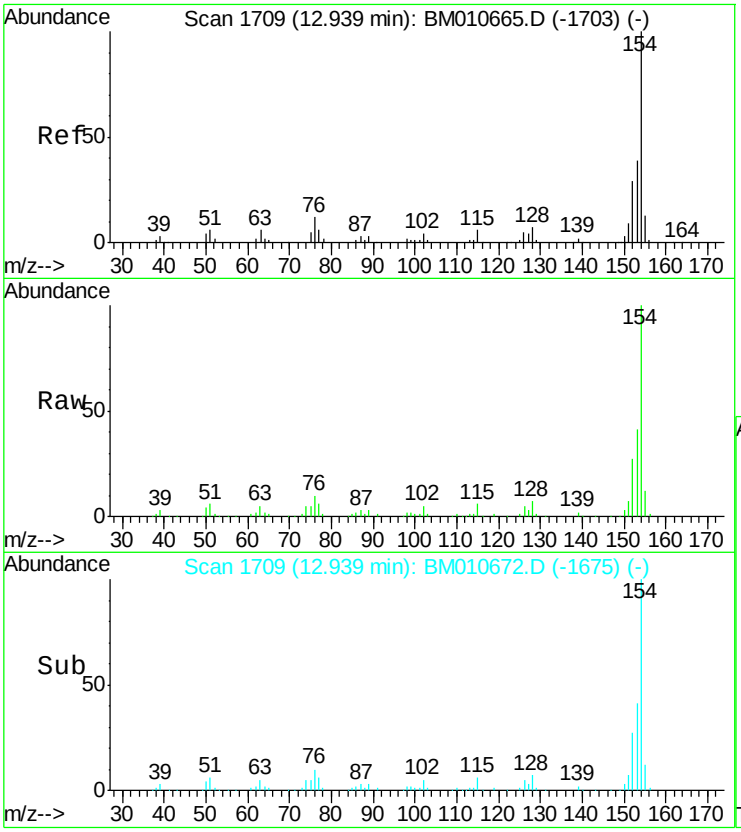


#34
2-Methylnaphthalene
Concen: 79.782 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:142 Resp: 868462

Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.1	111.1

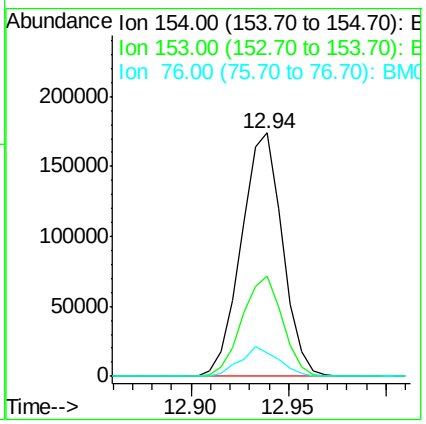




#40
1,1'-Biphenyl
Concen: 17.477 ng/ul
RT: 12.94 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:154 Resp: 254070

Ion	Ratio	Lower	Upper
154	100		
153	41.1	32.6	48.8
76	9.7	8.5	12.7



Instrument :
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ClientSampleId :
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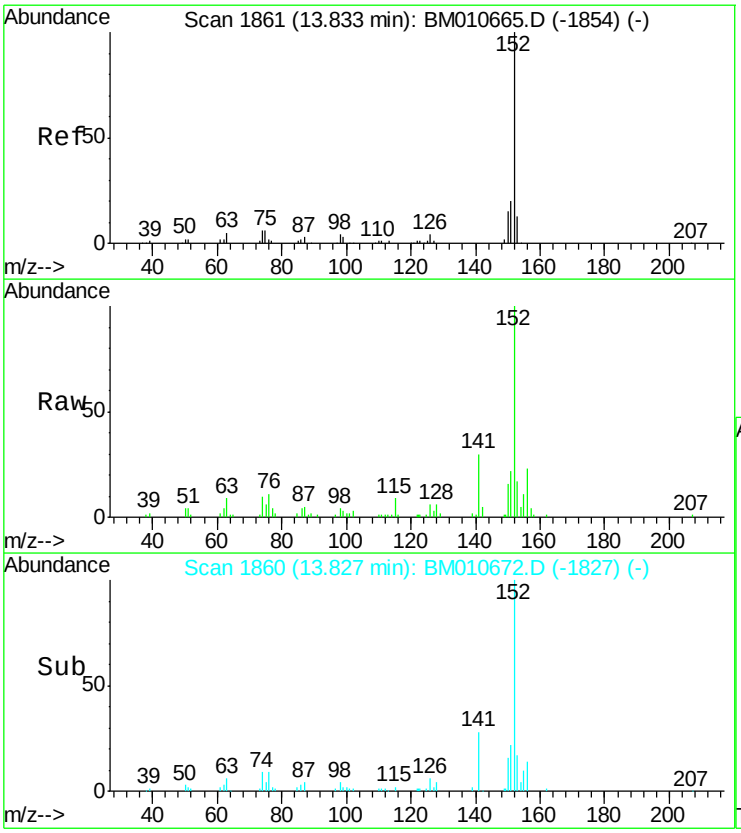
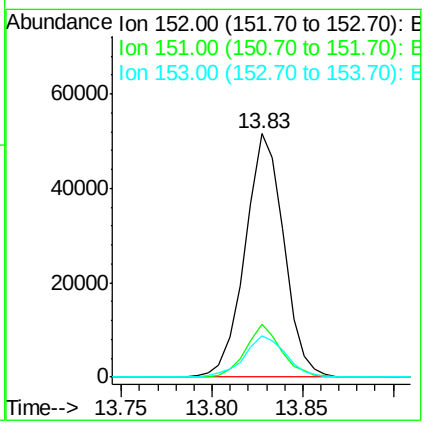
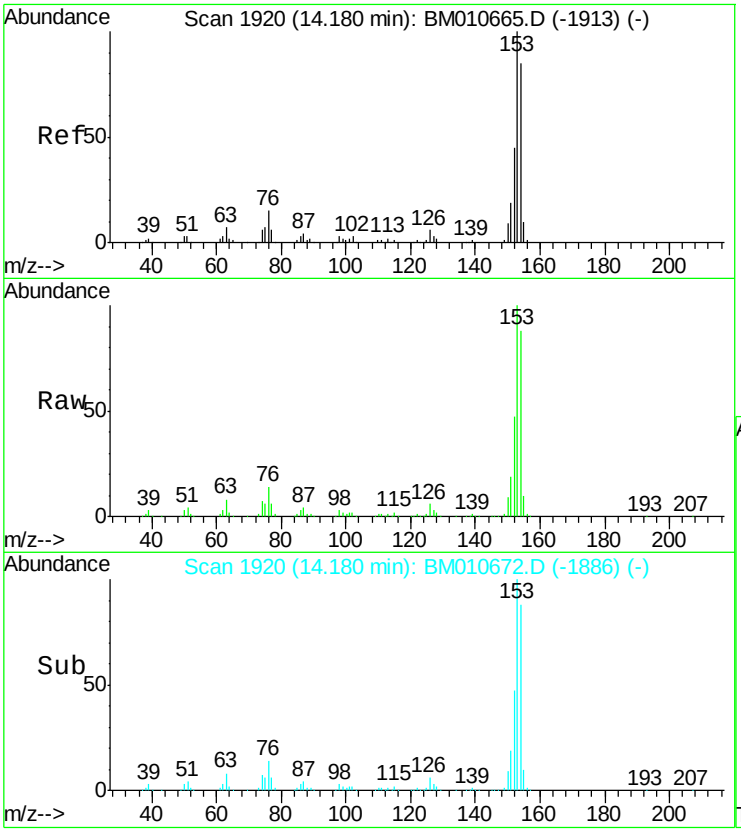


#47
Acenaphthylene
Concen: 4.234 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:152 Resp: 76564

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.3	24.5
153	17.2	10.2	15.4#

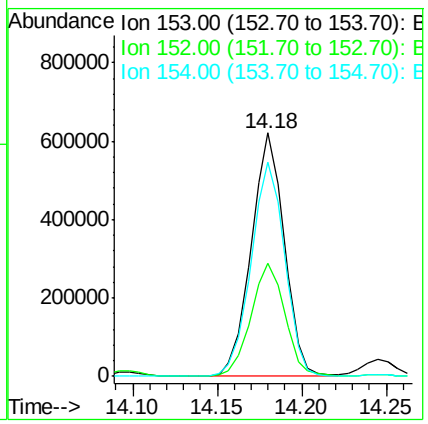




#49
Acenaphthene
Concen: 69.665 ng/ul
RT: 14.18 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:153 Resp: 849858

Ion	Ratio	Lower	Upper
153	100		
152	46.6	37.6	56.4
154	87.8	70.4	105.6



Instrument :
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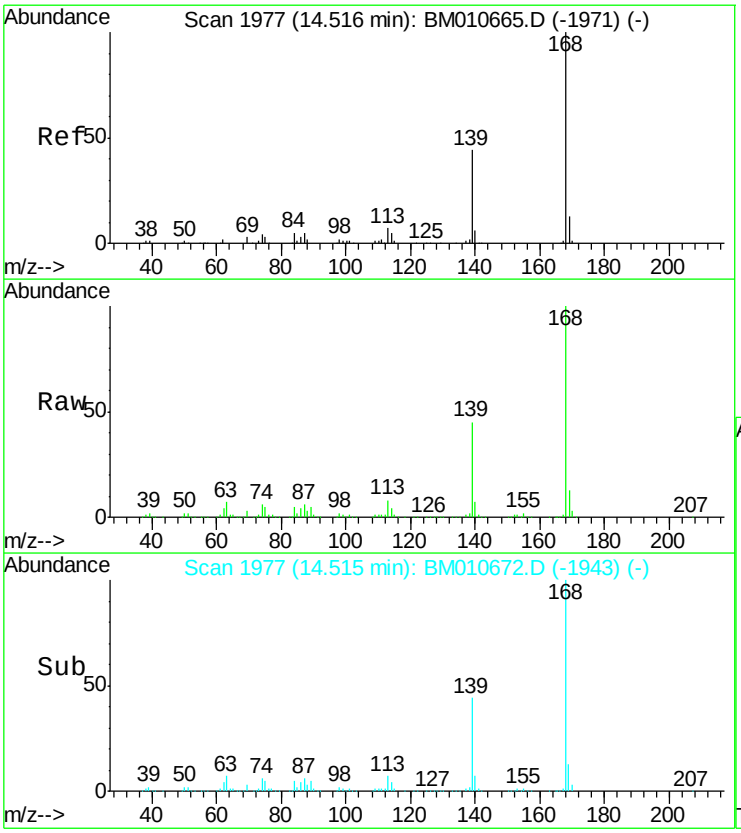
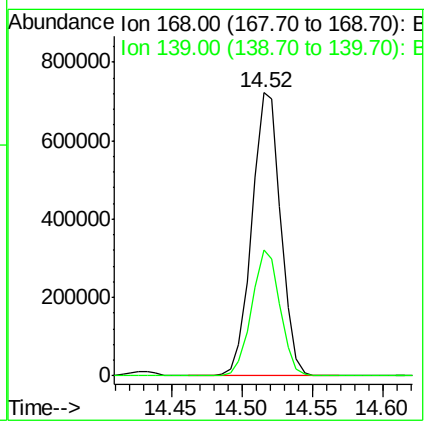
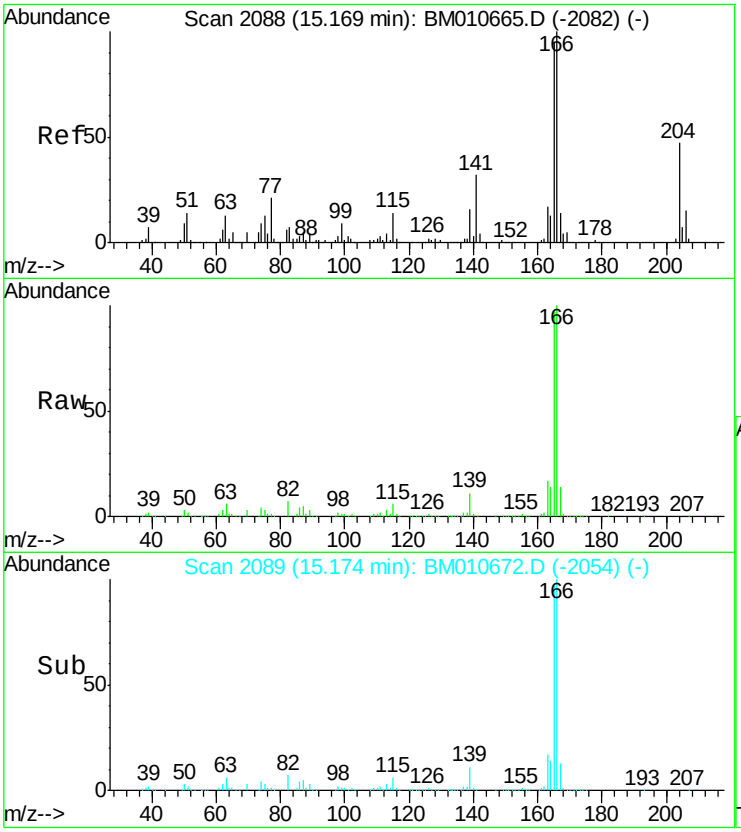


#53
Dibenzofuran
Concen: 56.073 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:168 Resp: 1035937

Ion	Ratio	Lower	Upper
168	100		
139	44.6	30.8	46.2

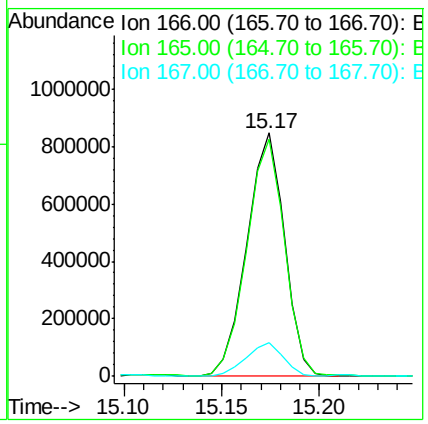




#58
Fluorene
Concen: 72.690 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:166 Resp: 1124364

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.9	116.9
167	13.6	10.6	16.0



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ClientSampleId :
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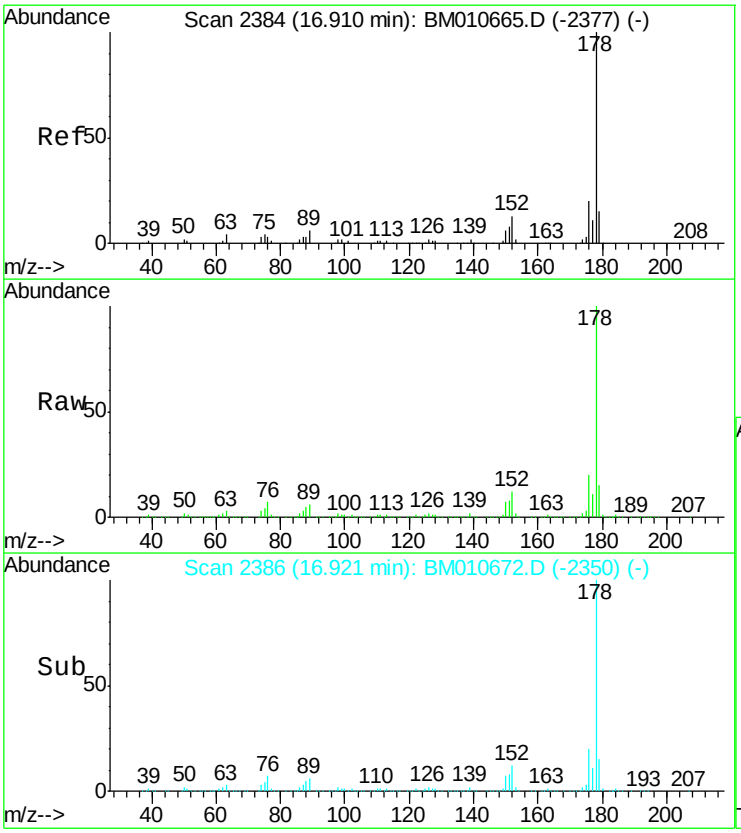
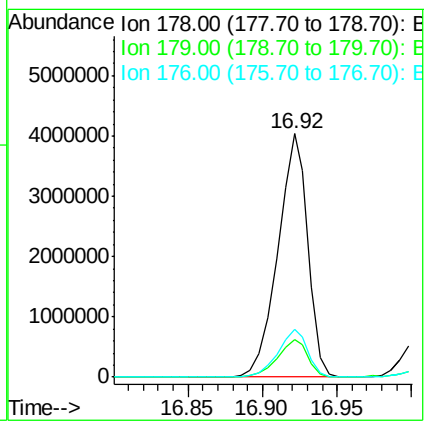
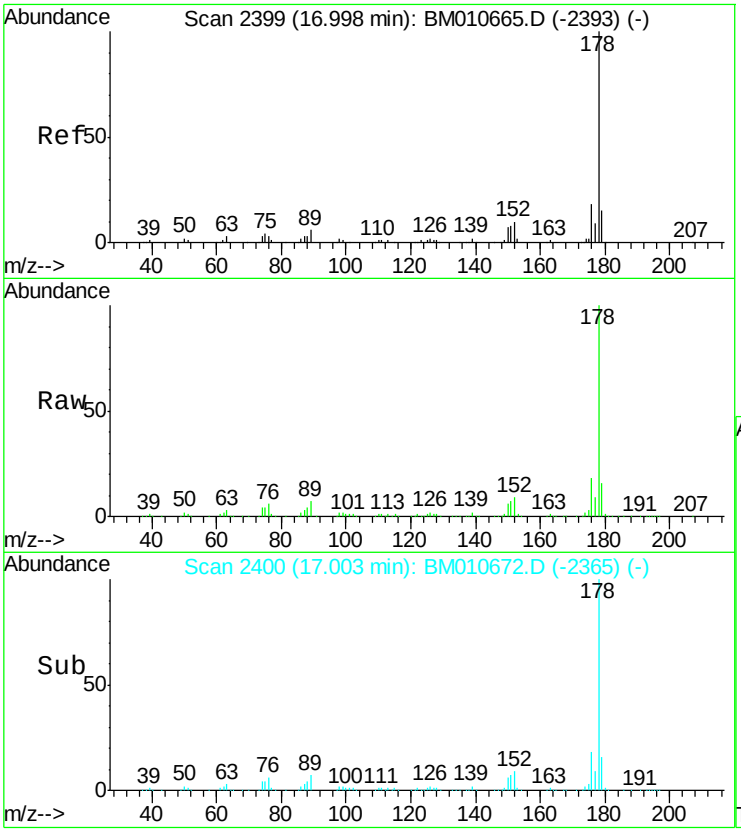


#69
Phenanthrene
Concen: 231.751 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:178 Resp: 5640690

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.5	14.9	22.3

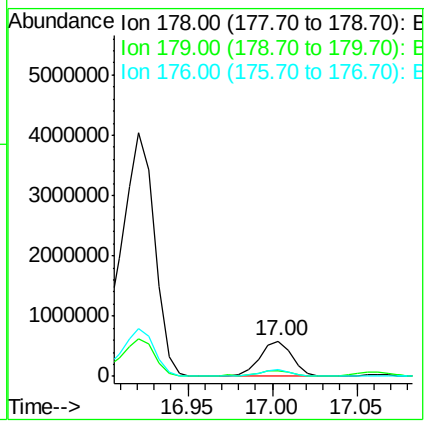




#71
Anthracene
Concen: 31.081 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:178 Resp: 779361

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	18.4	14.6	21.8



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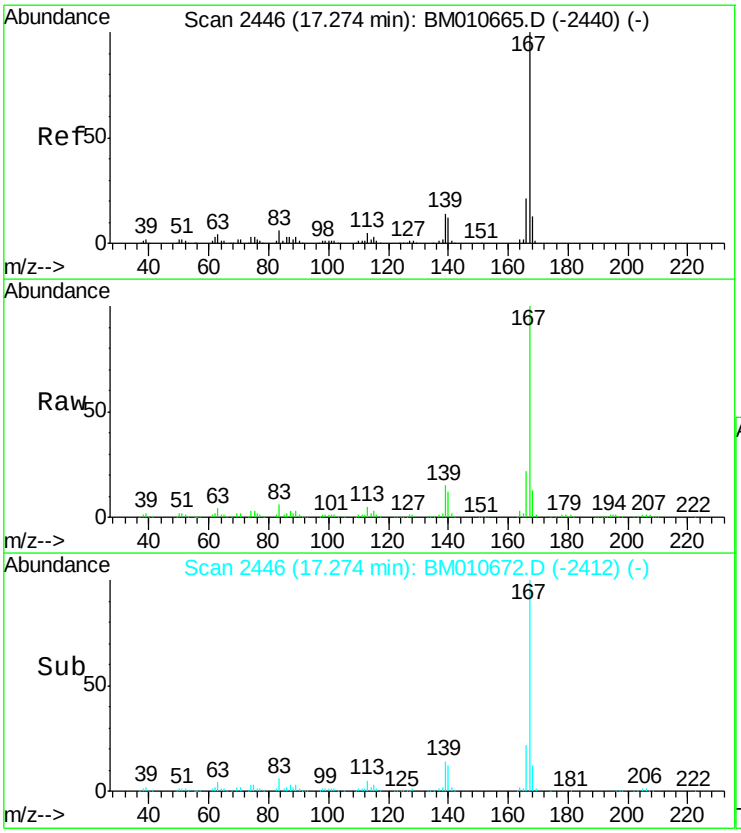
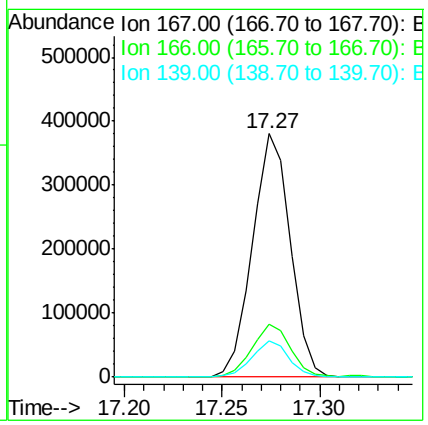
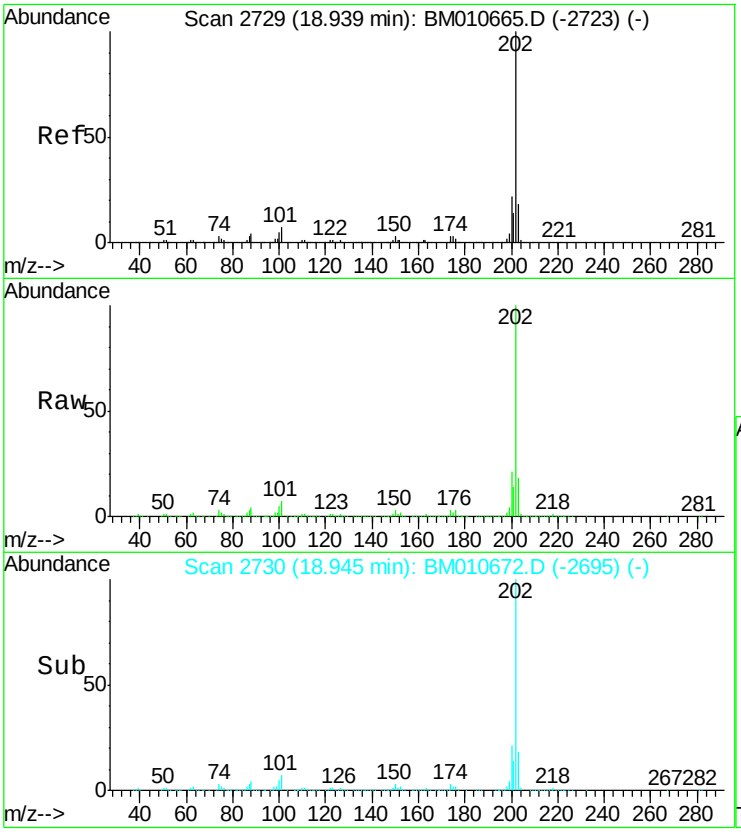


#72
Carbazole
Concen: 23.409 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:167 Resp: 512110

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	14.7	10.0	15.0





#74
Fluoranthene
Concen: 110.455 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:202 Resp: 3464723

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

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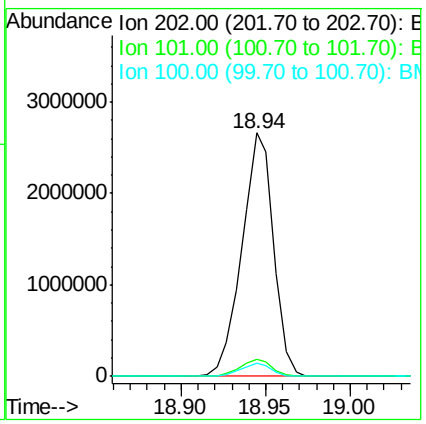
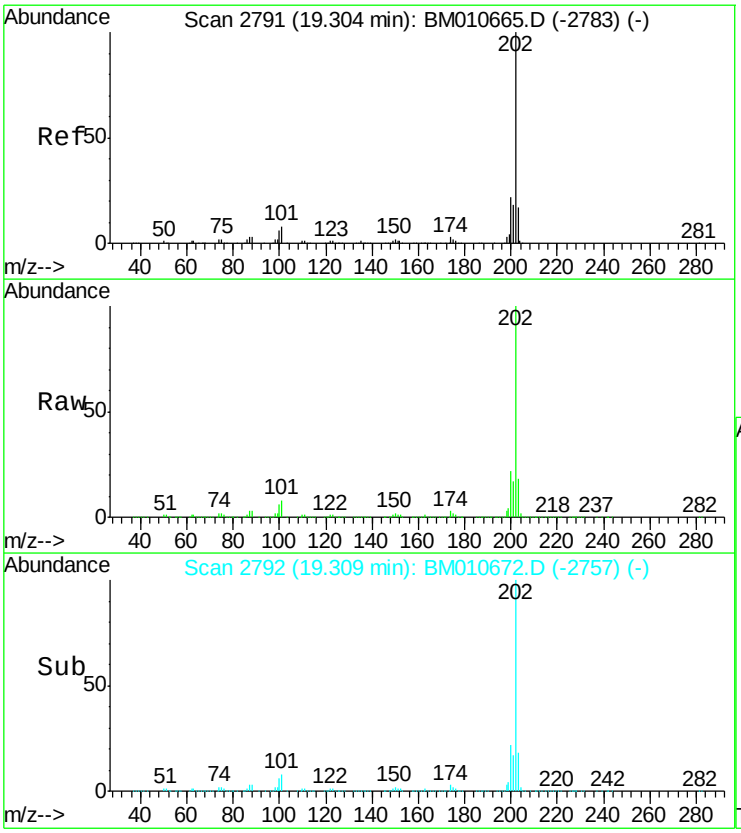
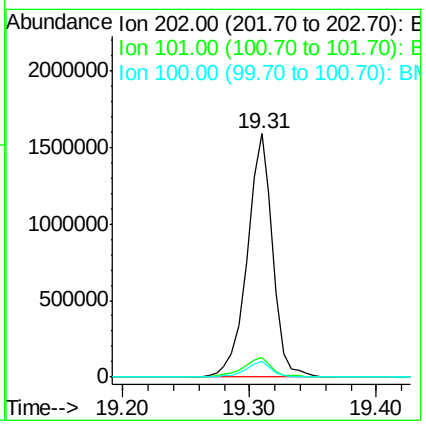


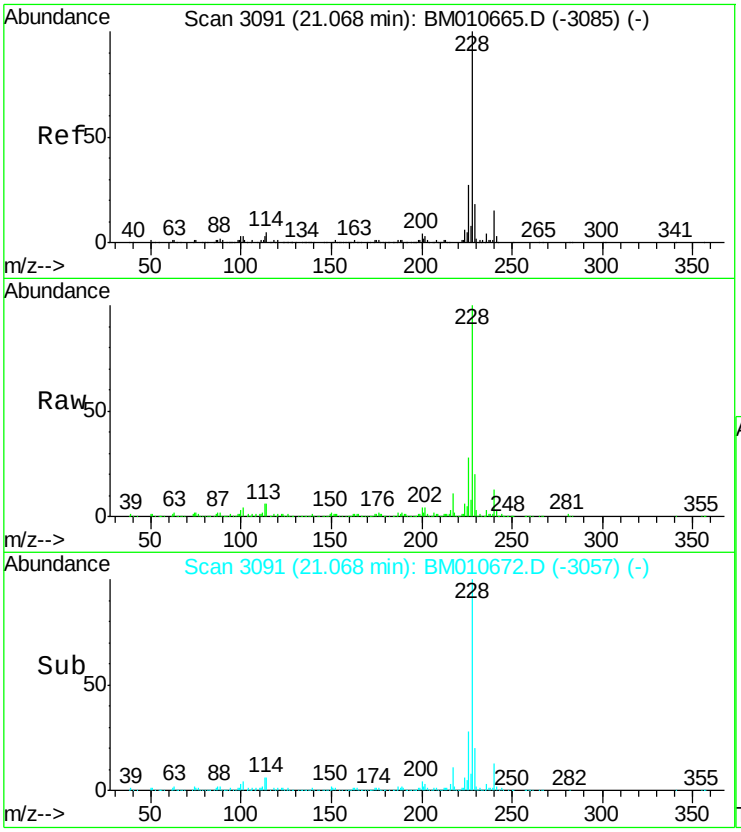


#77
Pyrene
Concen: 69.131 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:202 Resp: 2222117

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.1	7.7#
100	6.4	4.9	7.3

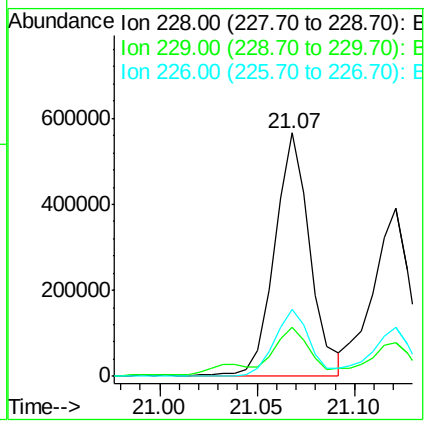




#80
Benzo(a)anthracene
Concen: 21.728 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:228 Resp: 704145

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	27.7	21.4	32.0



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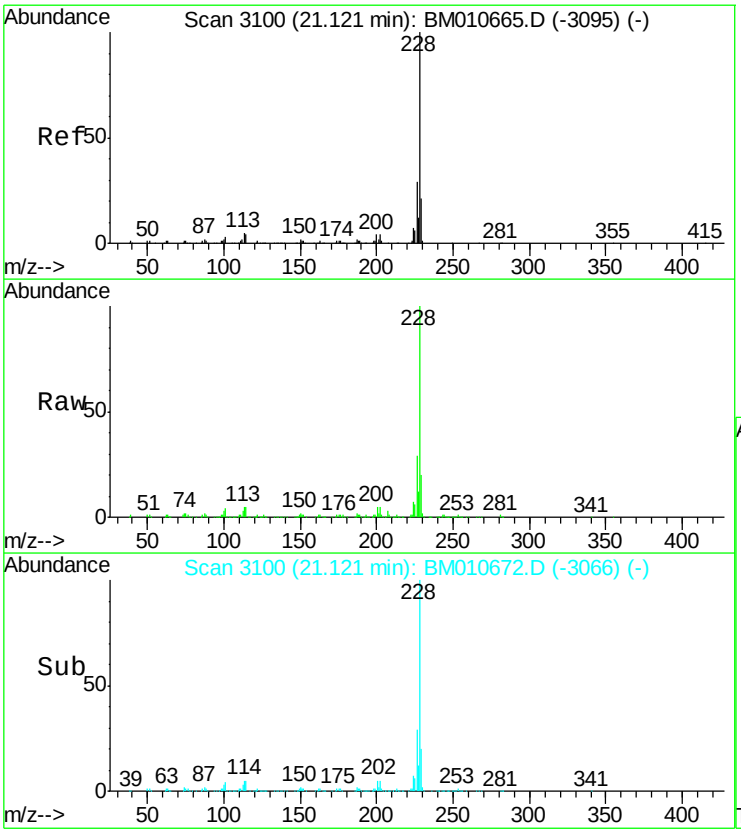
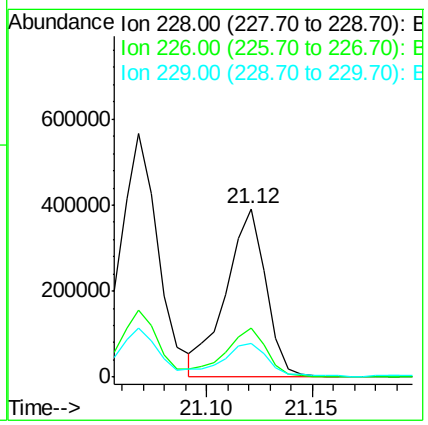
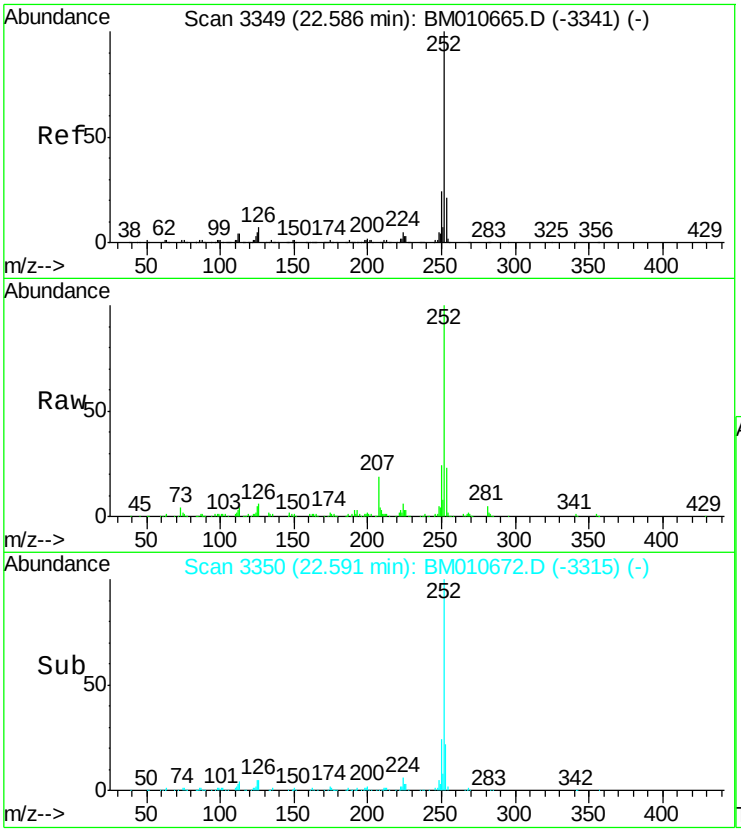


#82
Chrysene
Concen: 17.608 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:228 Resp: 508755

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	20.3	15.5	23.3

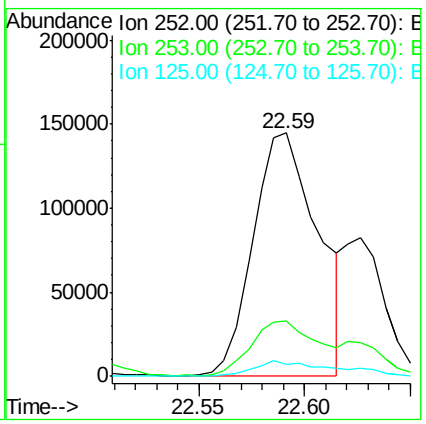




#85
Benzo(b)fluoranthene
Concen: 11.114 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:252 Resp: 307265

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	4.7	3.6	5.4



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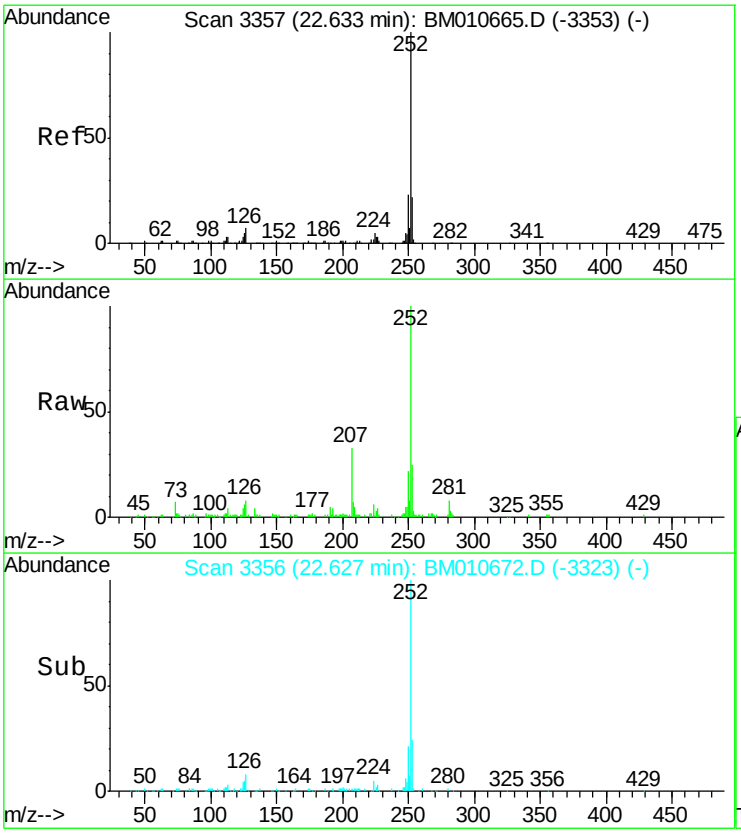
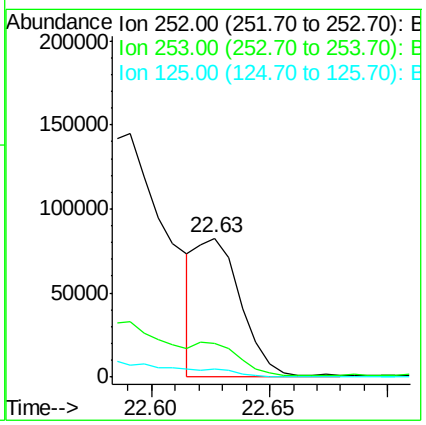
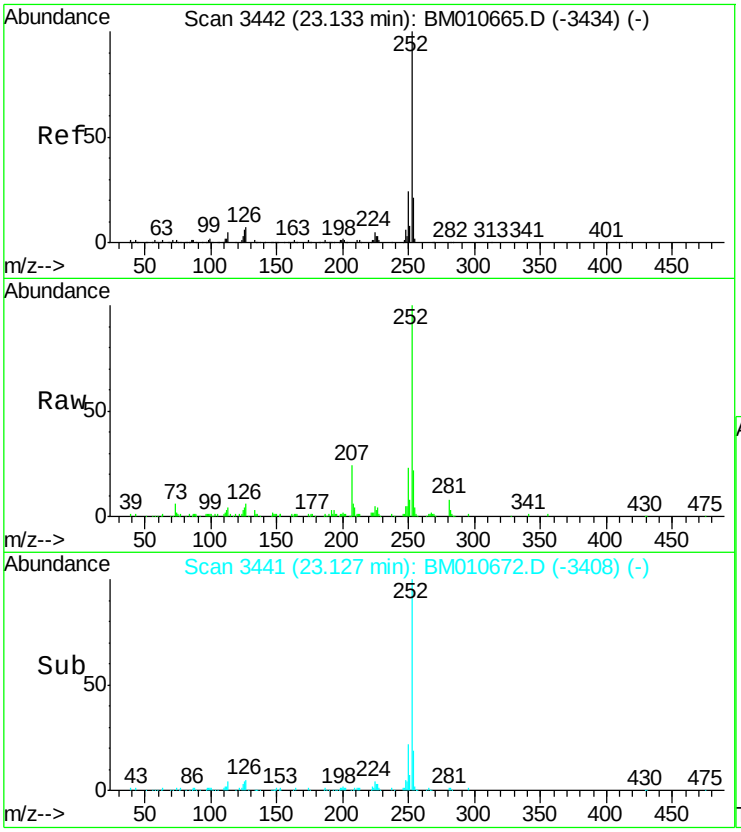


#86
Benzo(k)fluoranthene
Concen: 4.161 ng/ul m
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:252 Resp: 109065

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.1	25.7
125	5.7	3.4	5.2#

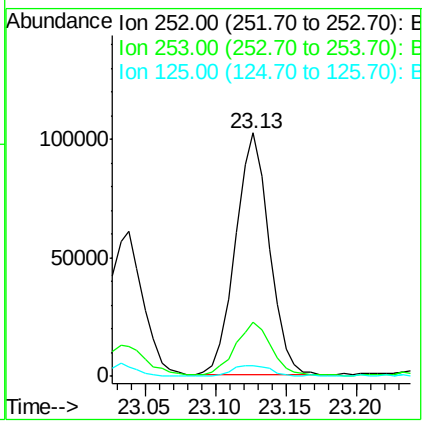




#88
Benzo(a)pyrene
Concen: 6.777 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:252 Resp: 172479

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	4.4	4.0	6.0



Instrument :
BNA_M
ClientSampleId :
F5B19

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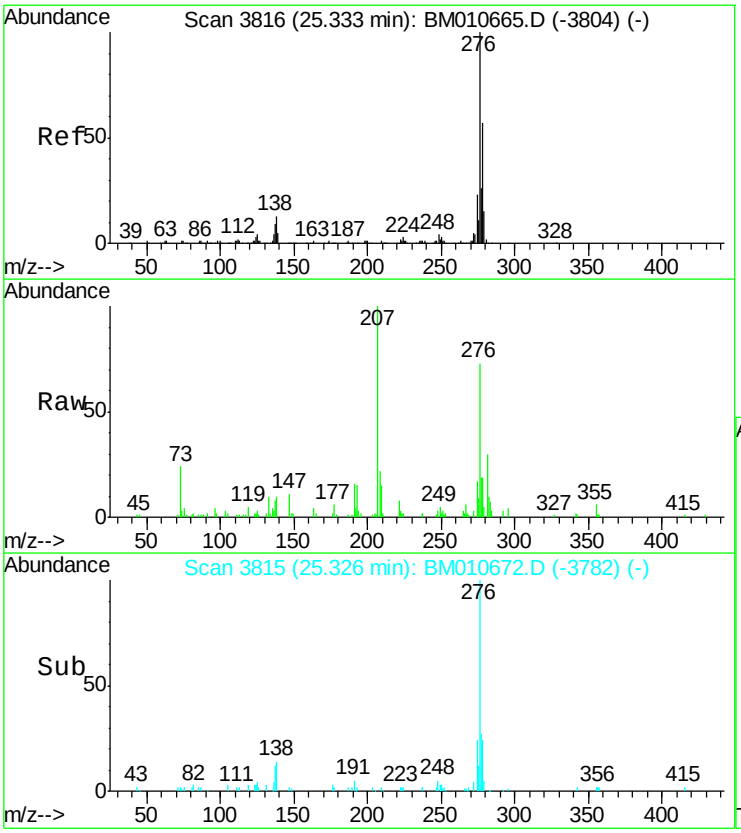
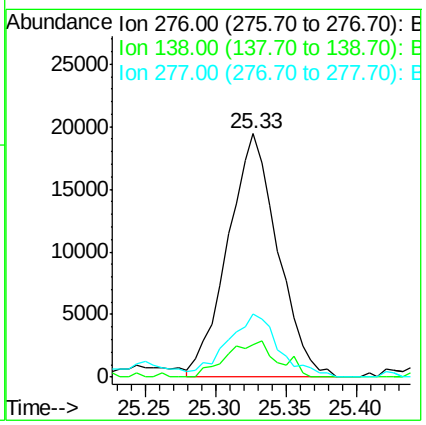
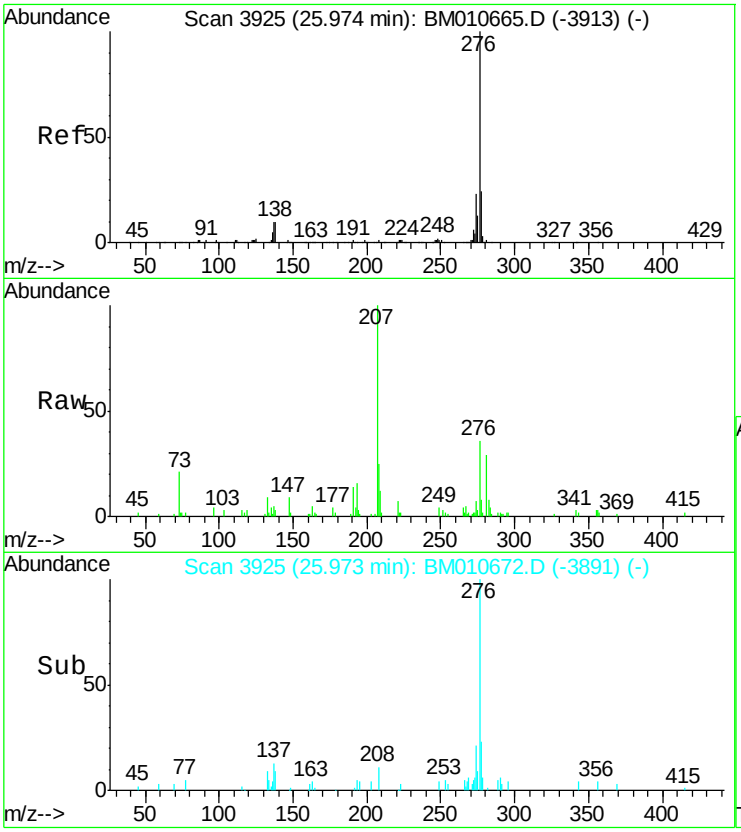


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.823 ng/ul
RT: 25.33 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:276 Resp: 48131

Ion	Ratio	Lower	Upper
276	100		
138	13.5	9.3	13.9
277	25.7	19.9	29.9

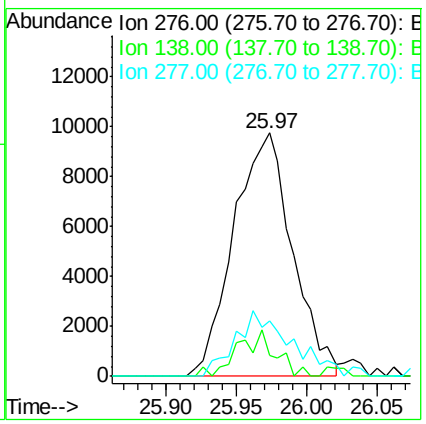




#91
Benzo(g,h,i)perylene
Concen: 1.351 ng/ul
RT: 25.97 min Scan# 3925
Delta R.T. -0.00 min
Lab File: BM010672.D
Acq: 22 Jun 2017 22:33

Tgt Ion:276 Resp: 28382

Ion	Ratio	Lower	Upper
276	100		
138	8.7	8.5	12.7
277	22.5	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
F5B19

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