Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010670.D
Acq On : 22 Jun 2017 21:21
Operator : SJ/JU
Sample : I3558-13ME 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 23 05:32:36 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

Instrument : BNA_M
ClientSampleId : F5C86ME

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	64959	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	284799	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	201851	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	507923	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	593481	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	471060	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.65	99	13311	2.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	8052	2.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	11132	2.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	11694	2.28	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	5898	2.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	6516	2.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	13233	2.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	15871	3.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	53344	3.01	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	60037	2.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	5372	1.72	ng/ul	0.00
57) Fluorene-d10	15.12	176	48136	3.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	6344	2.03	ng/ul	0.00
70) Anthracene-d10	16.96	188	75974	3.10	ng/ul	0.00
76) Pyrene-d10	19.27	212	94024	3.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	68056	2.99	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.28	128	1719450	121.320	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	371914	32.644	ng/ul	94
40) 1,1'-Biphenyl	12.93	154	101611	6.439	ng/ul#	98
47) Acenaphthylene	13.83	152	20069	1.022	ng/ul#	90
49) Acenaphthene	14.17	153	283556	21.413	ng/ul	97
53) Dibenzofuran	14.52	168	369511	18.425	ng/ul	91
58) Fluorene	15.17	166	356473	21.230	ng/ul	96
69) Phenanthrene	16.91	178	1598956	59.214	ng/ul	99
71) Anthracene	17.00	178	253179	9.101	ng/ul	97
72) Carbazole	17.27	167	165422	6.816	ng/ul	98
74) Fluoranthene	18.94	202	1013508	29.123	ng/ul#	97
77) Pyrene	19.30	202	671442	19.587	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	210713	6.097	ng/ul	98
82) Chrysene	21.12	228	169097	5.488	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	100150m	3.275	ng/ul	
86) Benzo(k)fluoranthene	22.62	252	42316	1.460	ng/ul	94
88) Benzo(a)pyrene	23.13	252	60457	2.148	ng/ul#	95

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

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Instrument :
BNA_M
ClientSampleId :
F5C86ME

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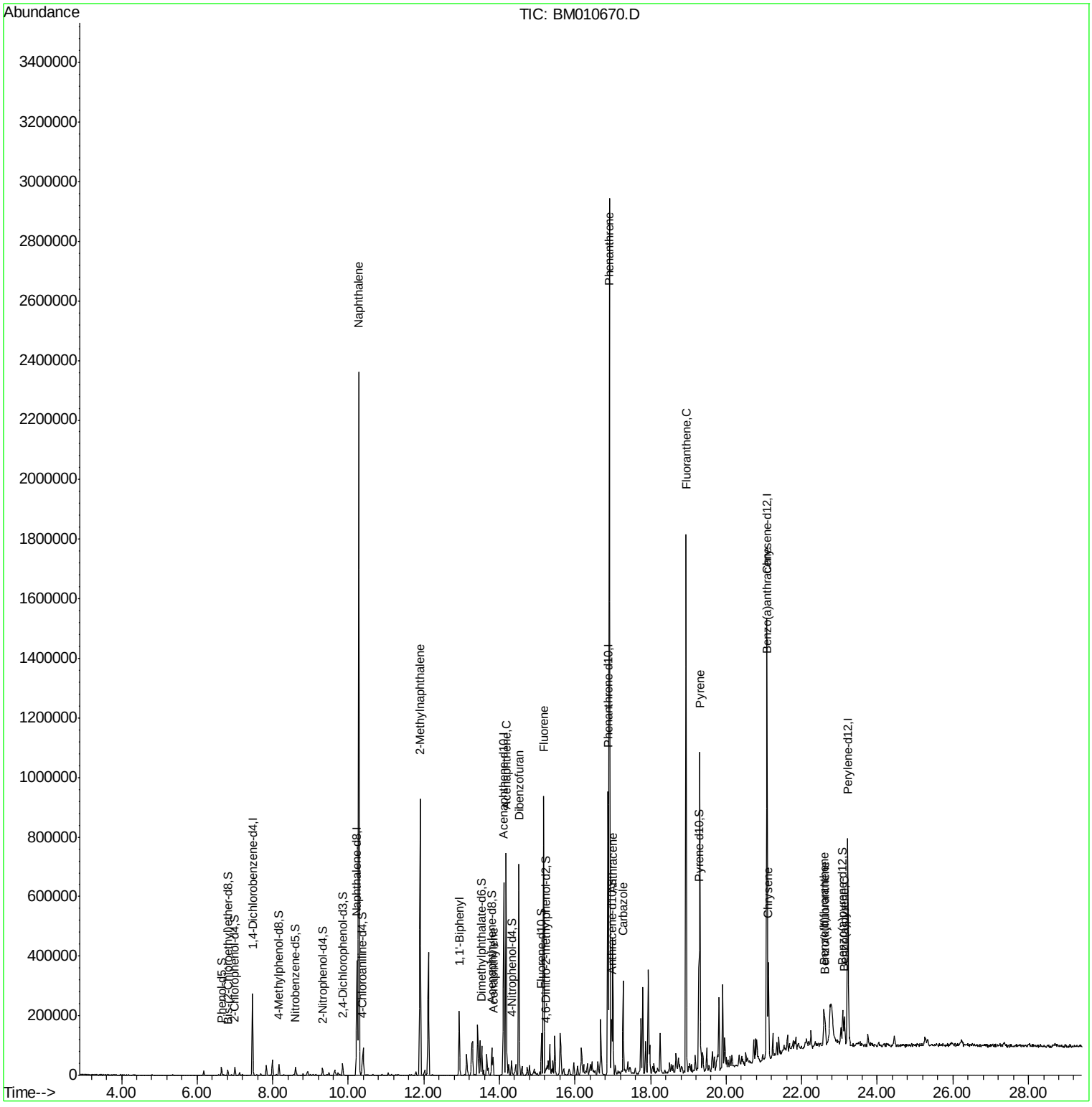
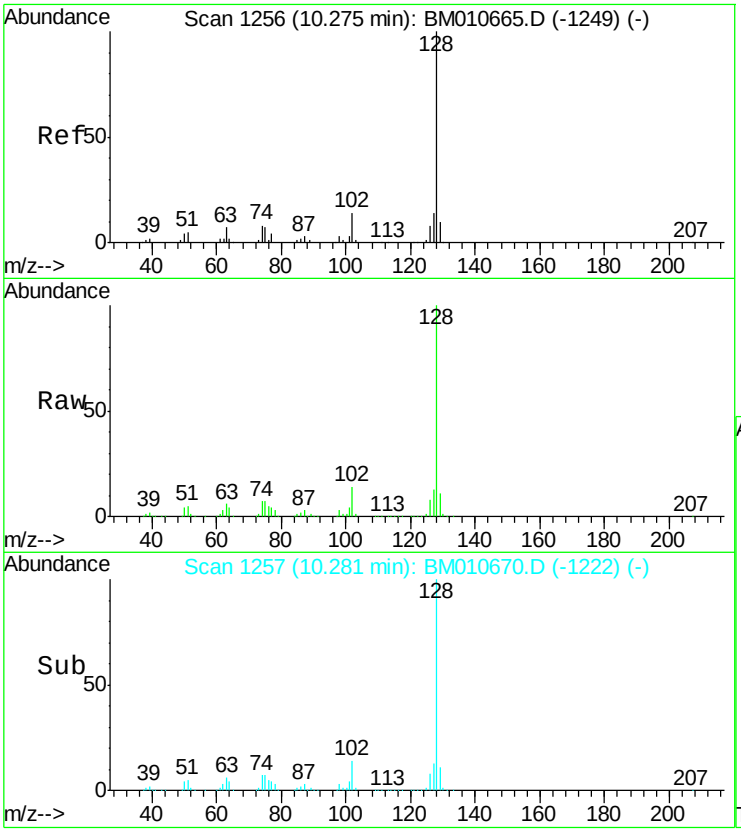
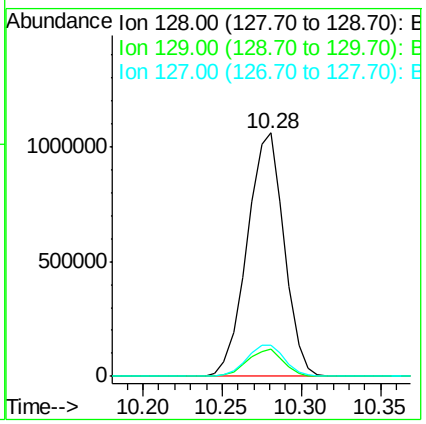




#28
Naphthalene
Concen: 121.320 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:128 Resp: 1719450

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.0	10.6	16.0



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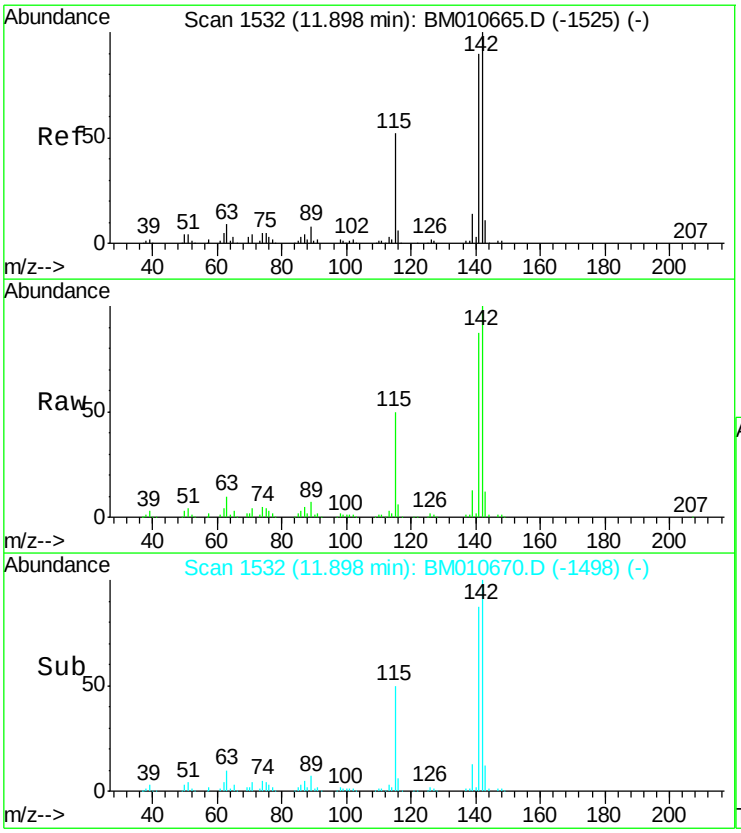
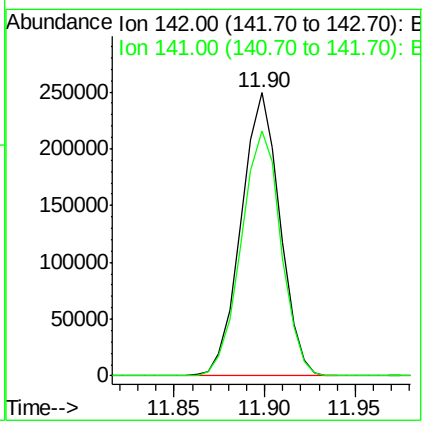
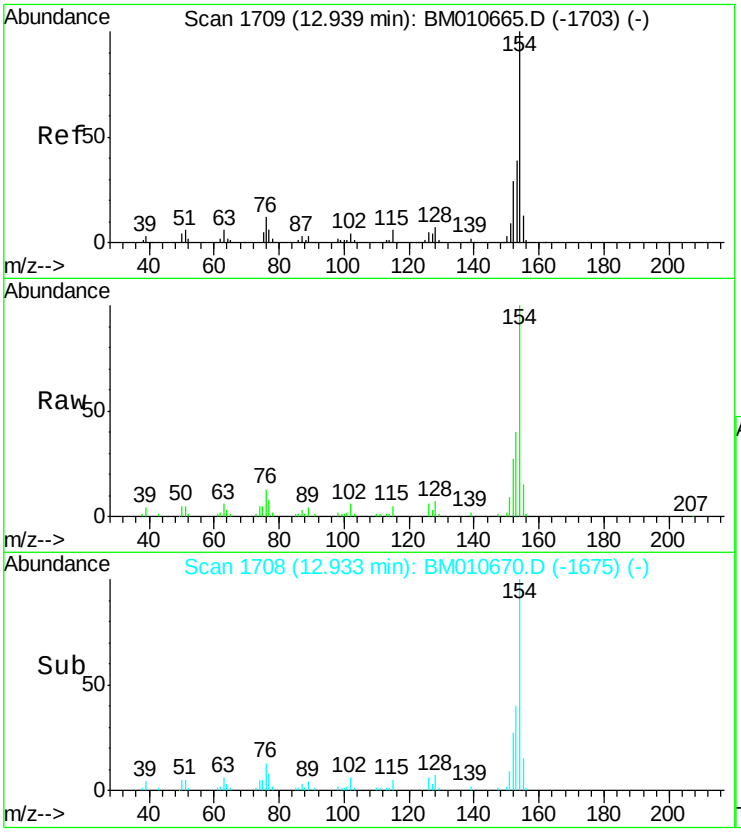


#34
2-Methylnaphthalene
Concen: 32.644 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:142 Resp: 371914

Ion	Ratio	Lower	Upper
142	100		
141	86.8	74.1	111.1

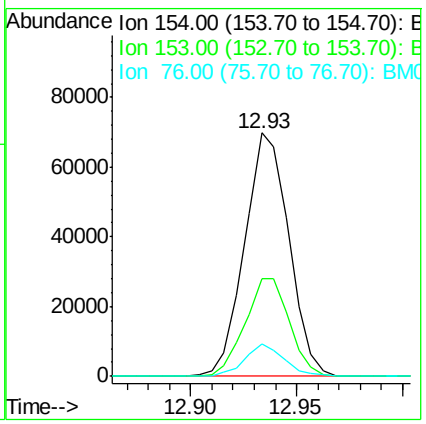




#40
1,1'-Biphenyl
Concen: 6.439 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:154 Resp: 101611

Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.6	48.8
76	13.4	8.5	12.7#



Instrument :
BNA_M
ClientSampleId :
F5C86ME

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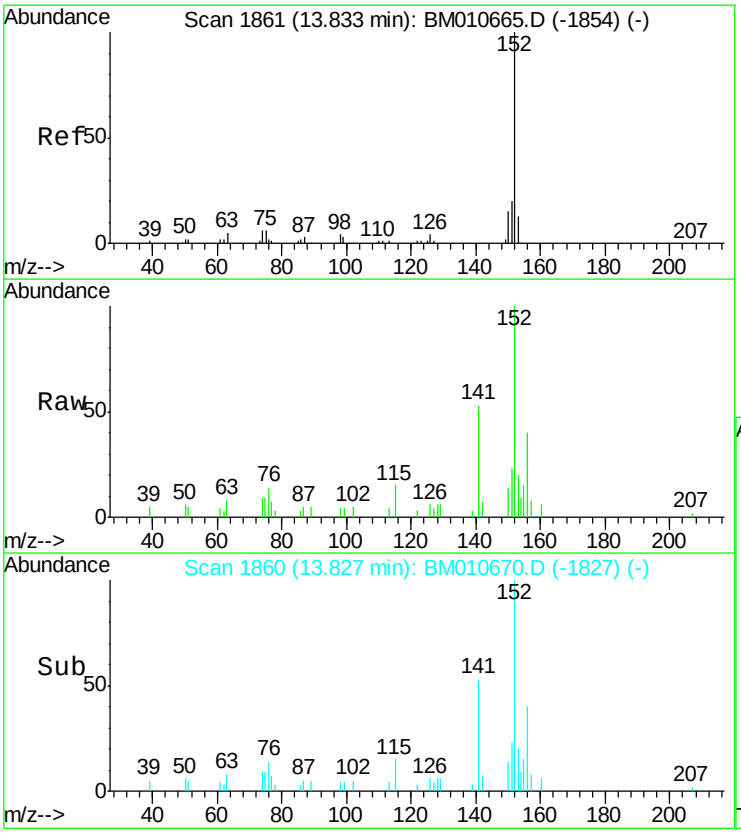
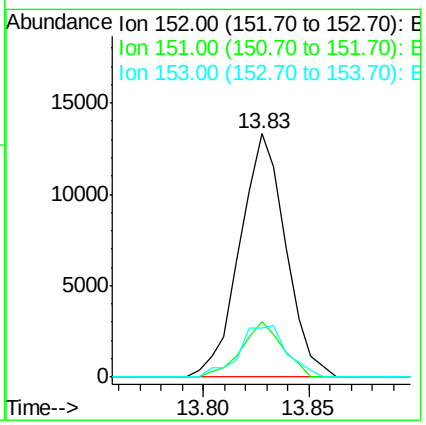
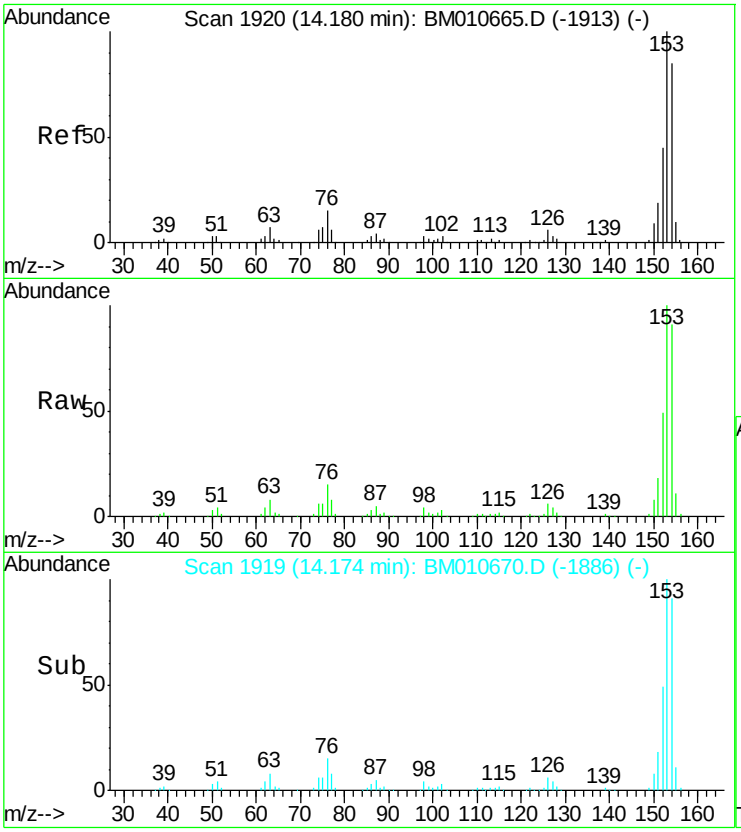


#47
Acenaphthylene
Concen: 1.022 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:152 Resp: 20069

Ion	Ratio	Lower	Upper
152	100		
151	22.7	16.3	24.5
153	20.2	10.2	15.4#

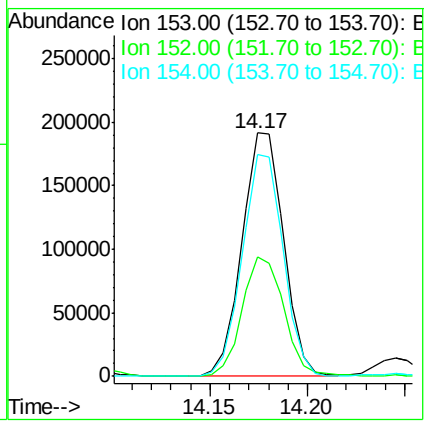




#49
Acenaphthene
Concen: 21.413 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:153 Resp: 283556

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.6	56.4
154	91.1	70.4	105.6



Instrument :
BNA_M
ClientSampleId :
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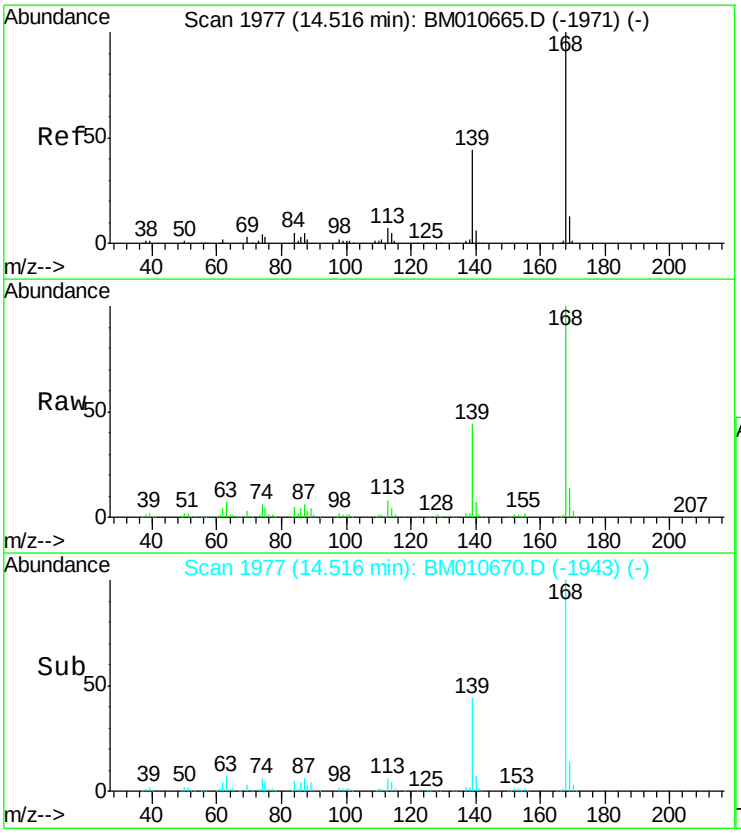
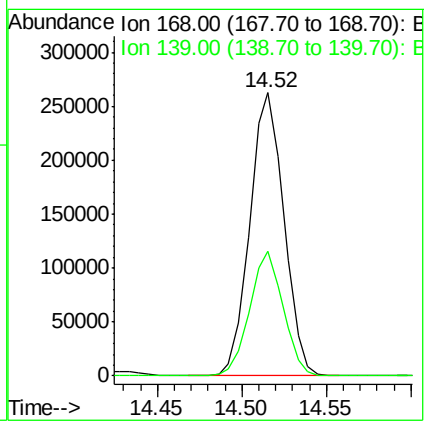
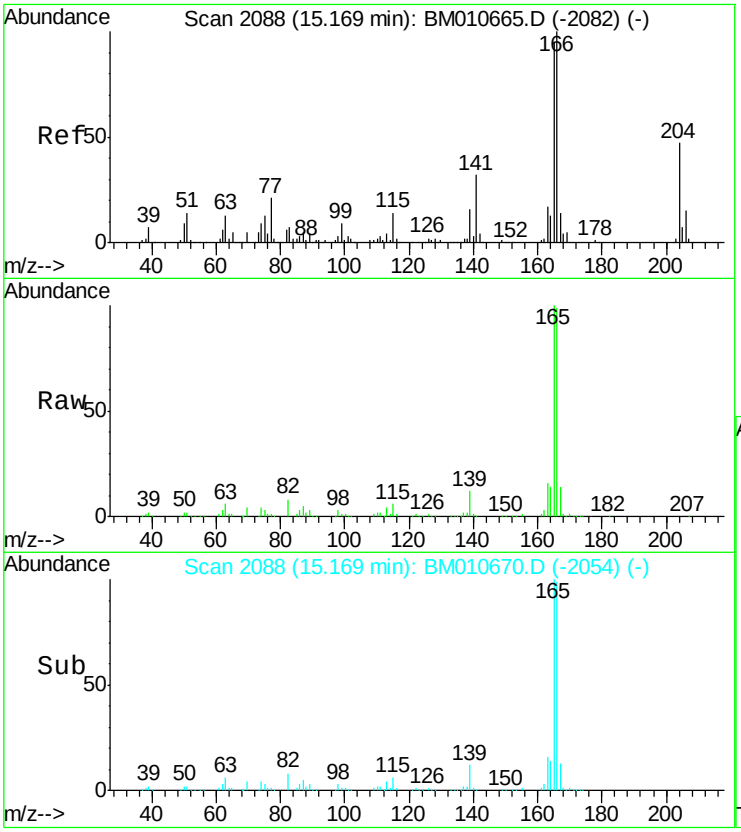


#53
Dibenzofuran
Concen: 18.425 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:168 Resp: 369511

Ion	Ratio	Lower	Upper
168	100		
139	44.3	30.8	46.2

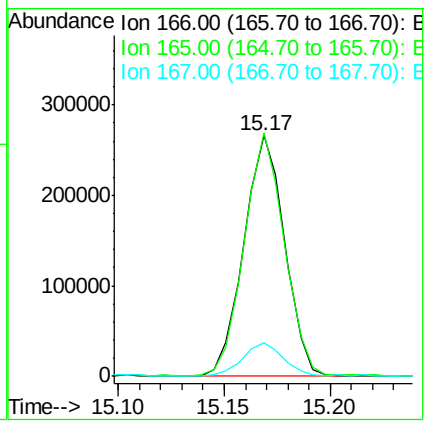




#58
Fluorene
Concen: 21.230 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:166 Resp: 356473

Ion	Ratio	Lower	Upper
166	100		
165	101.2	77.9	116.9
167	13.8	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
F5C86ME

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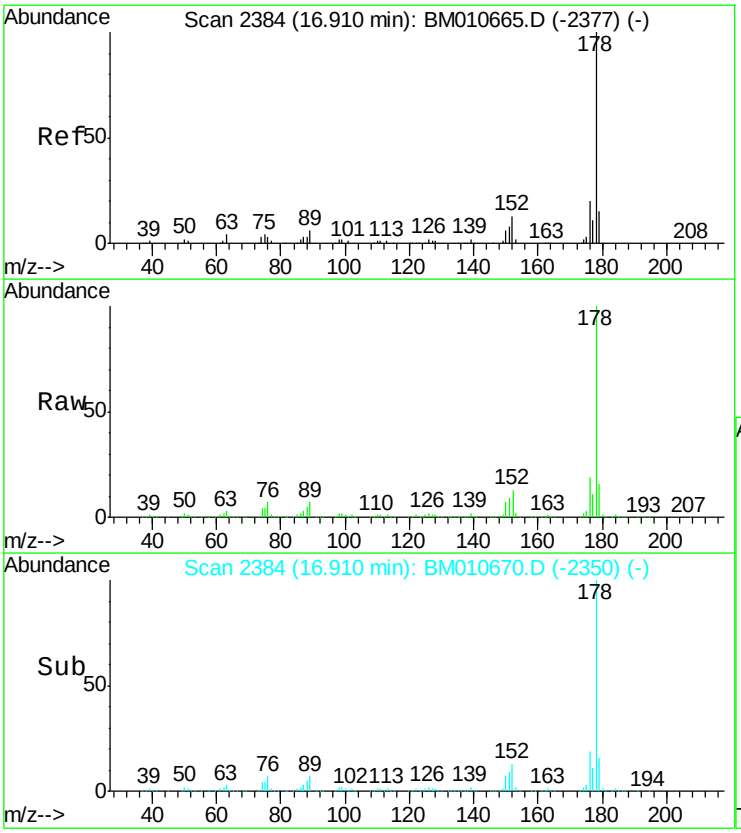
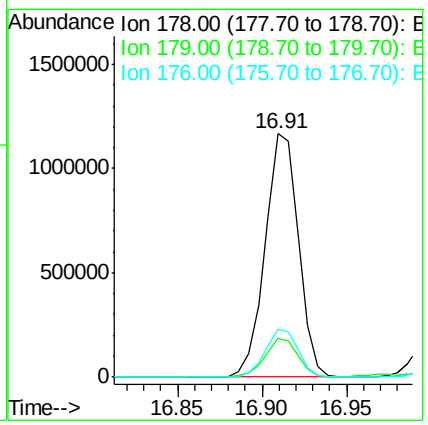
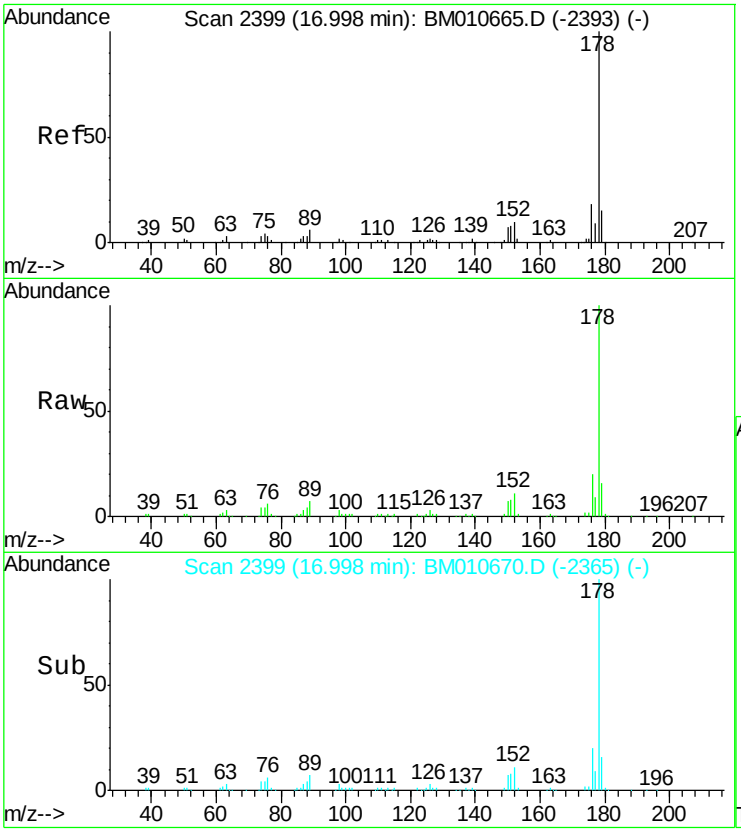


#69
Phenanthrene
Concen: 59.214 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:178 Resp: 1598956

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.5	14.9	22.3

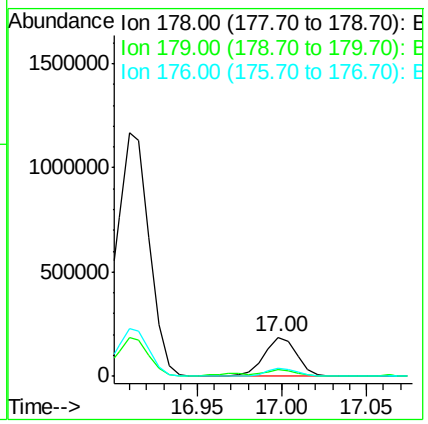




#71
Anthracene
Concen: 9.101 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:178 Resp: 253179

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	19.8	14.6	21.8



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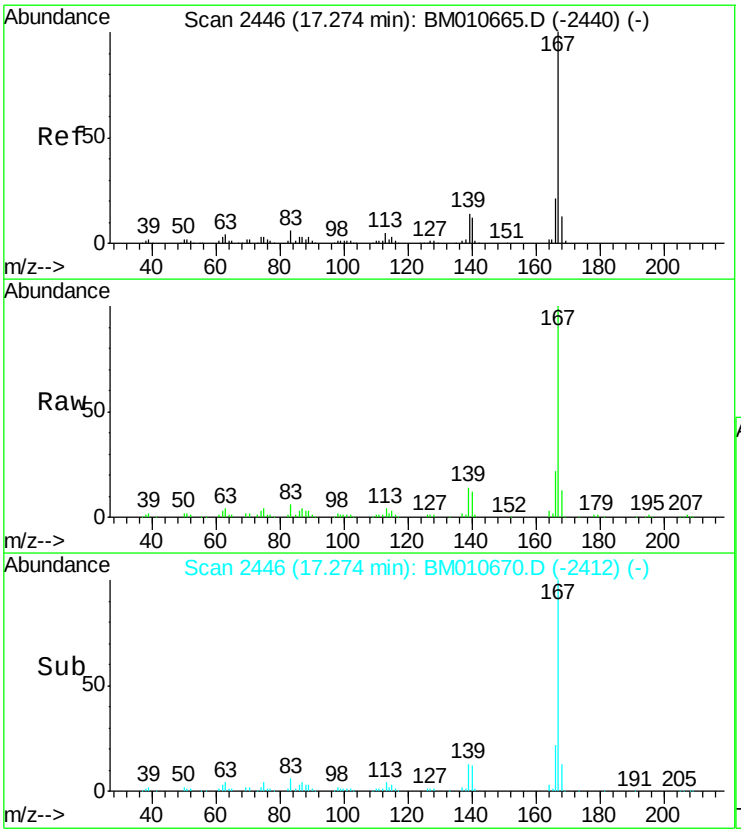
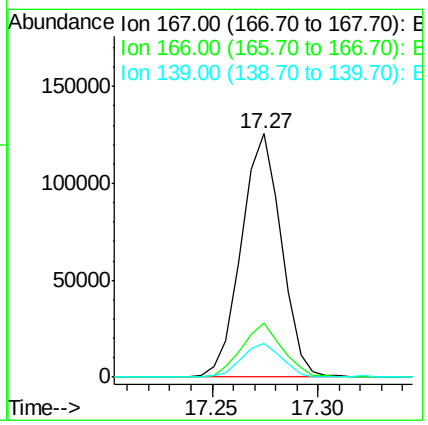
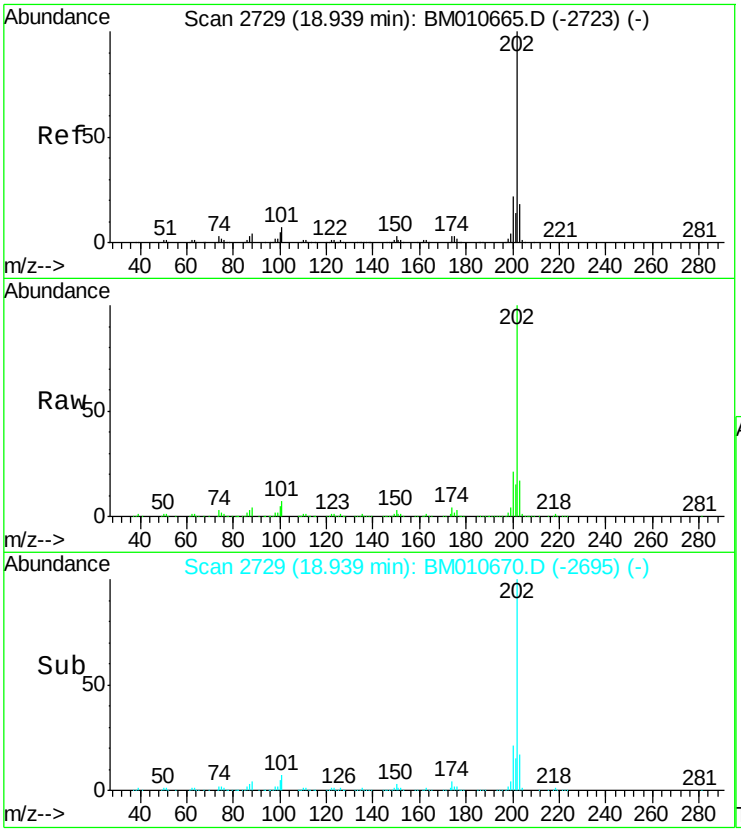


#72
Carbazole
Concen: 6.816 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:167 Resp: 165422

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	13.6	10.0	15.0

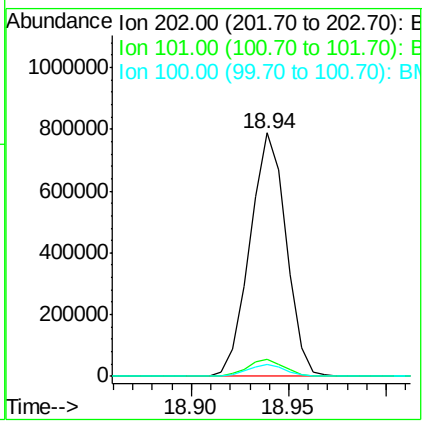




#74
Fluoranthene
Concen: 29.123 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:202 Resp: 1013508

Ion	Ratio	Lower	Upper
202	100		
101	7.1	4.6	7.0#
100	5.0	3.4	5.2



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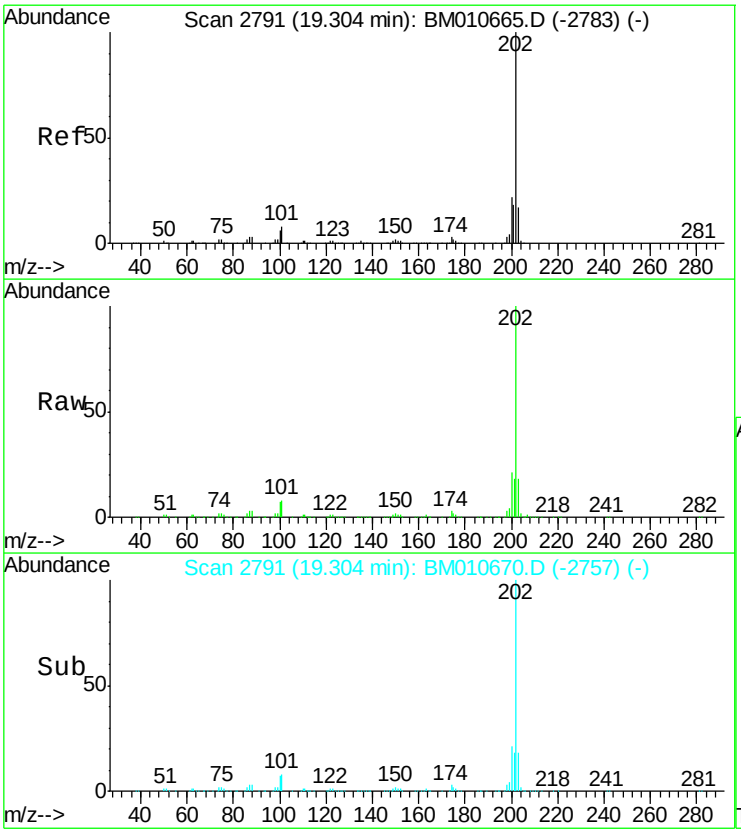
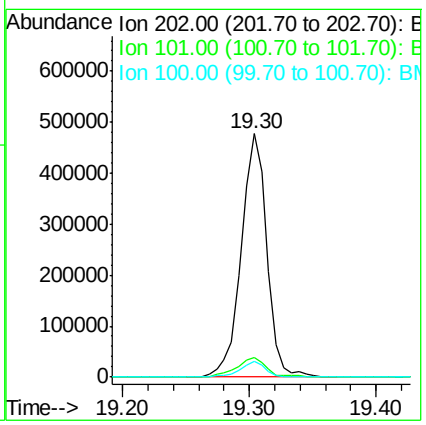
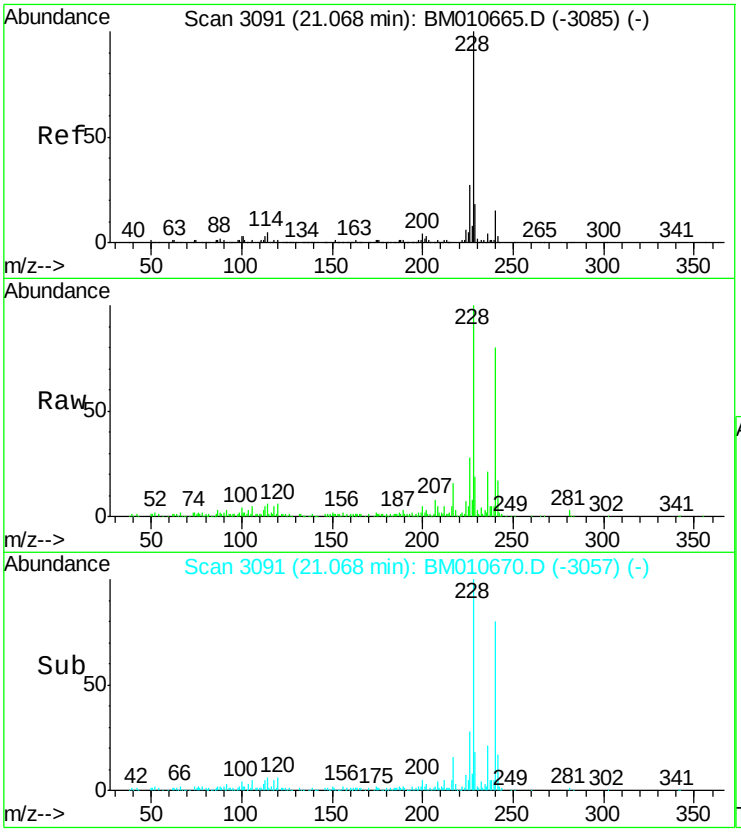


#77
Pyrene
Concen: 19.587 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:202 Resp: 671442

Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.1	7.7#
100	6.5	4.9	7.3

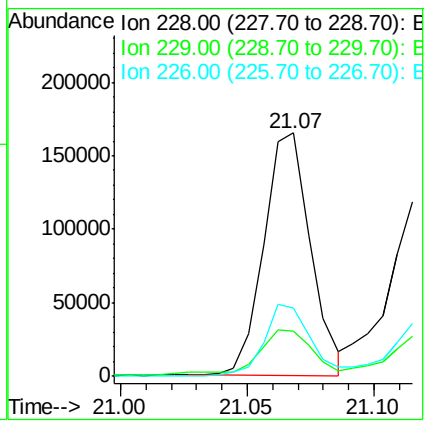




#80
Benzo(a)anthracene
Concen: 6.097 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:228 Resp: 210713

Ion	Ratio	Lower	Upper
228	100		
229	18.5	15.4	23.0
226	27.9	21.4	32.0



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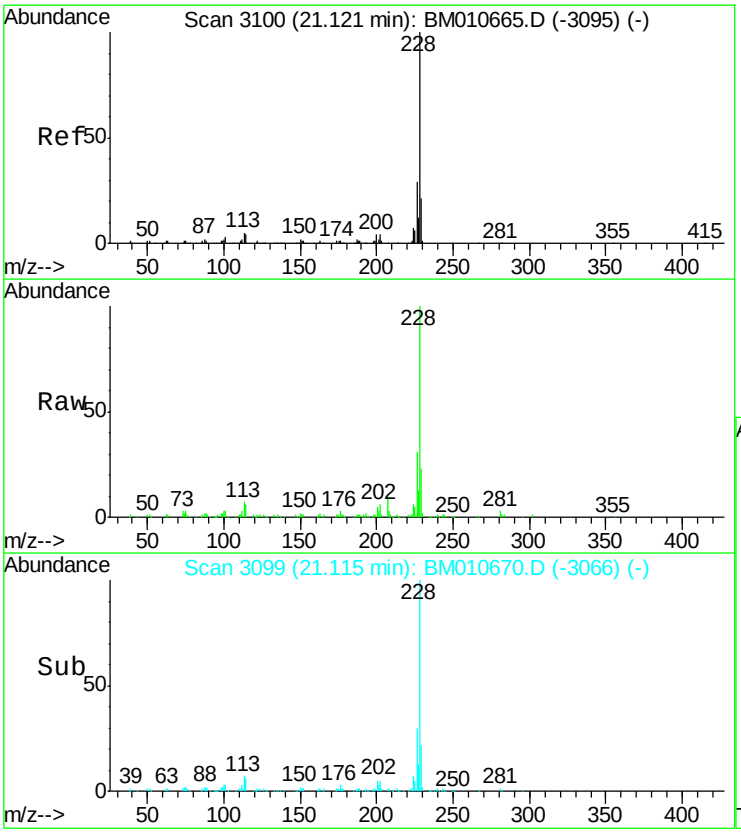
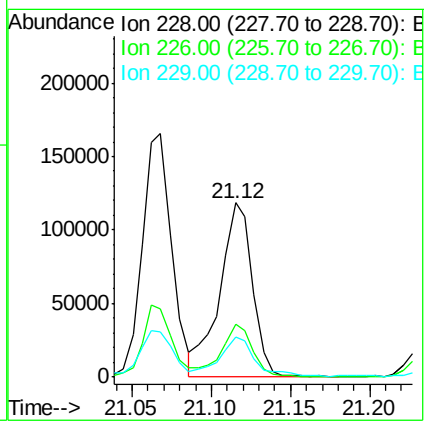
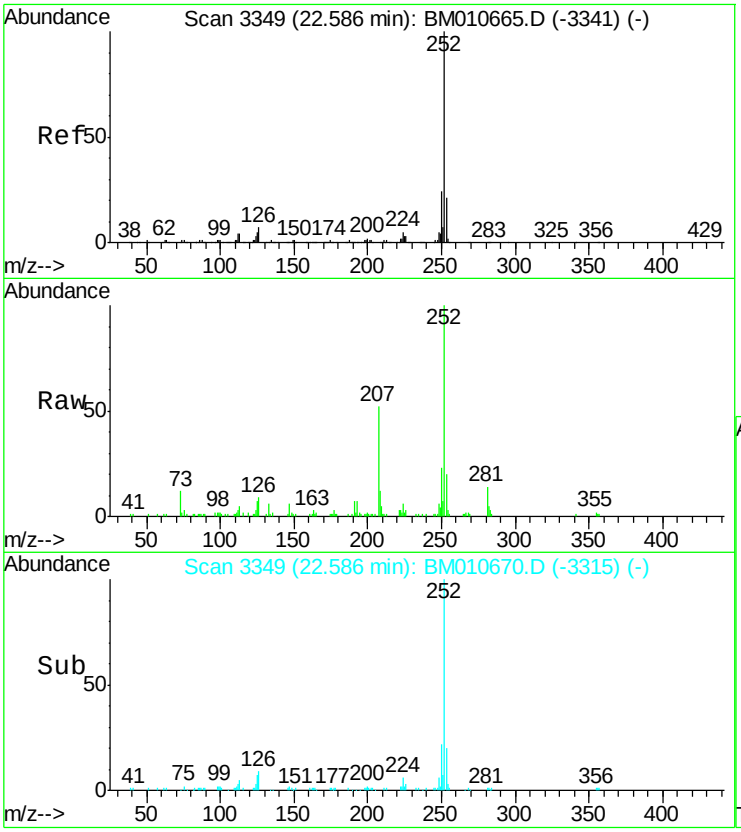


#82
Chrysene
Concen: 5.488 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:228 Resp: 169097

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.7	15.5	23.3

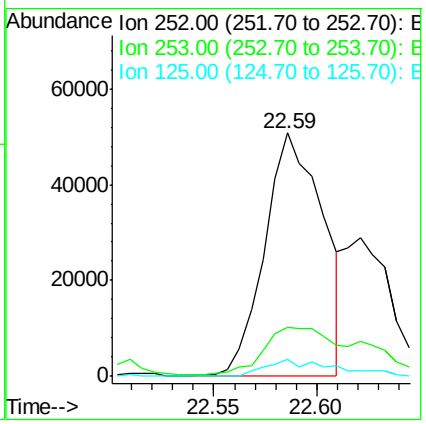




#85
Benzo(b)fluoranthene
Concen: 3.275 ng/ul m
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:252 Resp: 100150

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.9	26.9
125	7.0	3.6	5.4#



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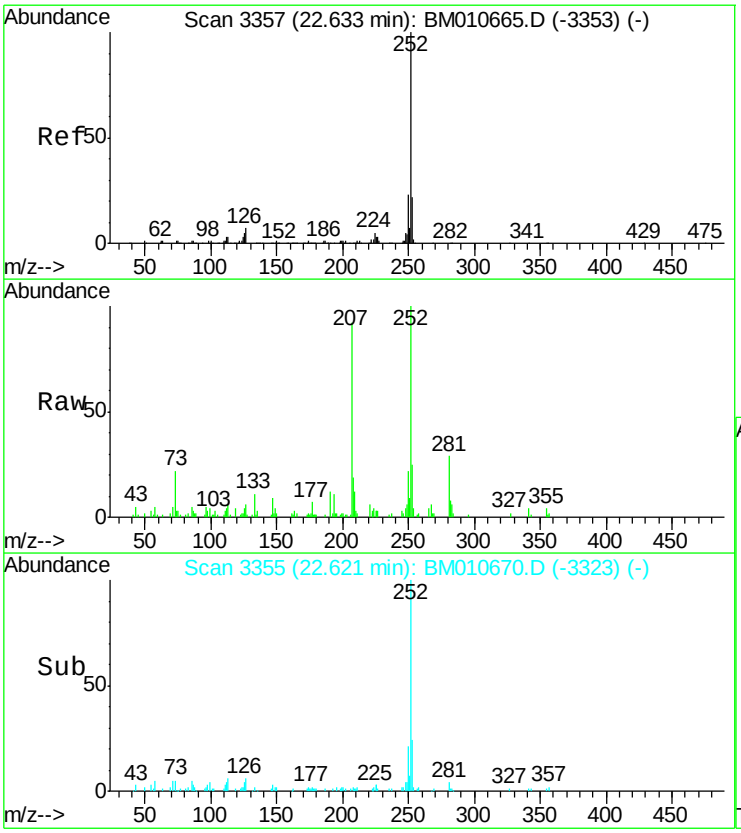
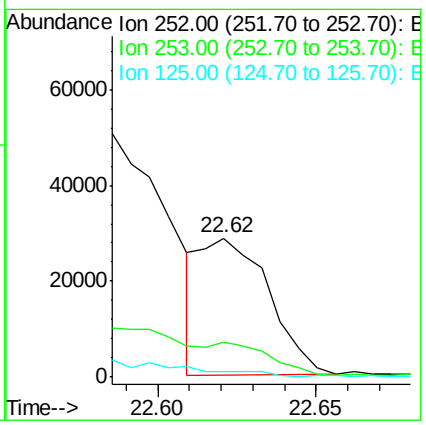
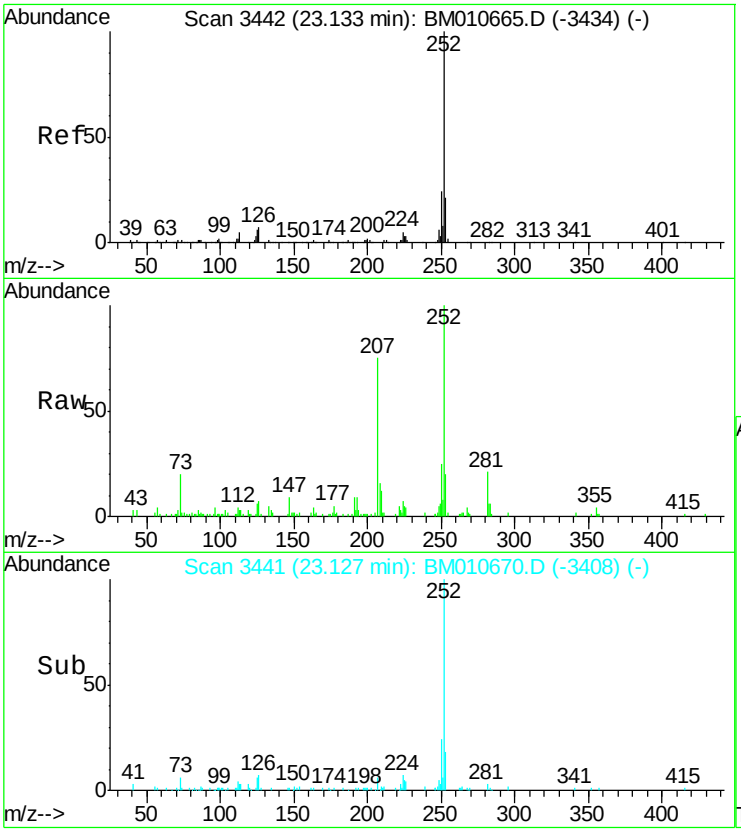


#86
Benzo(k)fluoranthene
Concen: 1.460 ng/ul
RT: 22.62 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:252 Resp: 42316

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	4.3	3.4	5.2

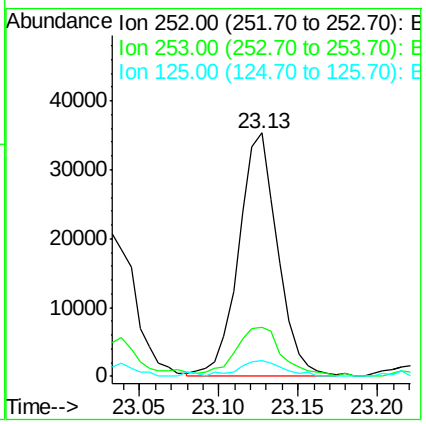




#88
Benzo(a)pyrene
Concen: 2.148 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BM010670.D
Acq: 22 Jun 2017 21:21

Tgt Ion:252 Resp: 60457

Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.2	27.2
125	6.5	4.0	6.0#



Instrument :
BNA_M
ClientSampleId :
F5C86ME

Manual Integrations APPROVED
mohammad
6/26/2017 8:26:46 AM