Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010706.D
Acq On : 24 Jun 2017 00:50
Operator : SJ/JU
Sample : I3625-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C82

Manual Integrations APPROVED
mohammad
6/27/2017 5:03:33 PM

Quant Time: Jun 24 05:50:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 04:37:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	87084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	389225	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.12	164	279398	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.88	188	626802	20.00	ng/ul	0.01
75) Chrysene-d12	21.10	240	668094	20.00	ng/ul	0.02
83) Perylene-d12	23.23	264	443783	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4476	2.95	ng/uL	0.00
5) Phenol-d5	6.65	99	133290	16.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	77186	16.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	101772	17.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	117486	17.08	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	58573	21.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	70038	21.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	126097	18.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	148584	20.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	474773	19.36	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	541452	18.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	78985	18.30	ng/ul	0.00
57) Fluorene-d10	15.12	176	413878	19.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.27	200	60034	15.59	ng/ul	0.03
70) Anthracene-d10	16.99	188	658956m	21.77	ng/ul	0.02
76) Pyrene-d10	19.29	212	803177	25.88	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.09	264	485863	22.65	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.68	94	478190	55.97	ng/ul	96
11) 2-Methylphenol	7.90	108	213158	32.73	ng/ul	90
16) 4-Methylphenol	8.24	108	712588	99.45	ng/ul	99
24) 2,4-Dimethylphenol	9.43	107	296896	34.40	ng/ul	97
28) Naphthalene	10.30	128	29161306m	1505.52	ng/ul	
34) 2-Methylnaphthalene	11.92	142	9058915	581.81	ng/ul	97
40) 1,1'-Biphenyl	12.94	154	1967029	90.05	ng/ul	99
44) Dimethylphthalate	13.59	163	134127	5.58	ng/ul	97
47) Acenaphthylene	13.83	152	257796	9.49	ng/ul#	90
49) Acenaphthene	14.20	153	7977019	435.19	ng/ul	99
53) Dibenzofuran	14.53	168	8598511	309.75	ng/ul	91
58) Fluorene	15.19	166	8951000	385.13	ng/ul	100
69) Phenanthrene	16.93	178	28285429m	848.82	ng/ul	
71) Anthracene	17.03	178	5296630	154.28	ng/ul	98
72) Carbazole	17.29	167	2077500	69.36	ng/ul	98
74) Fluoranthene	18.96	202	21747103m	506.39	ng/ul	
77) Pyrene	19.33	202	17694879	458.54	ng/ul#	88
80) Benzo(a)anthracene	21.08	228	5309892	136.48	ng/ul	97
82) Chrysene	21.13	228	3409039	98.28	ng/ul	98
85) Benzo(b)fluoranthene	22.60	252	2145256	74.47	ng/ul#	99
86) Benzo(k)fluoranthene	22.63	252	644342m	23.59	ng/ul	
88) Benzo(a)pyrene	23.14	252	1174992	44.30	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	345497	12.56	ng/ul	98

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010706.D
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Operator : SJ/JU
Sample : I3625-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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Quant Time: Jun 24 05:50:11 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 04:37:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	25.34	278	102042	4.45	ng/ul#	98
91) Benzo(g,h,i)perylene	25.98	276	219039	10.00	ng/ul#	94

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010706.D
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Operator : SJ/JU
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Instrument :
BNA_M
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Manual Integrations APPROVED
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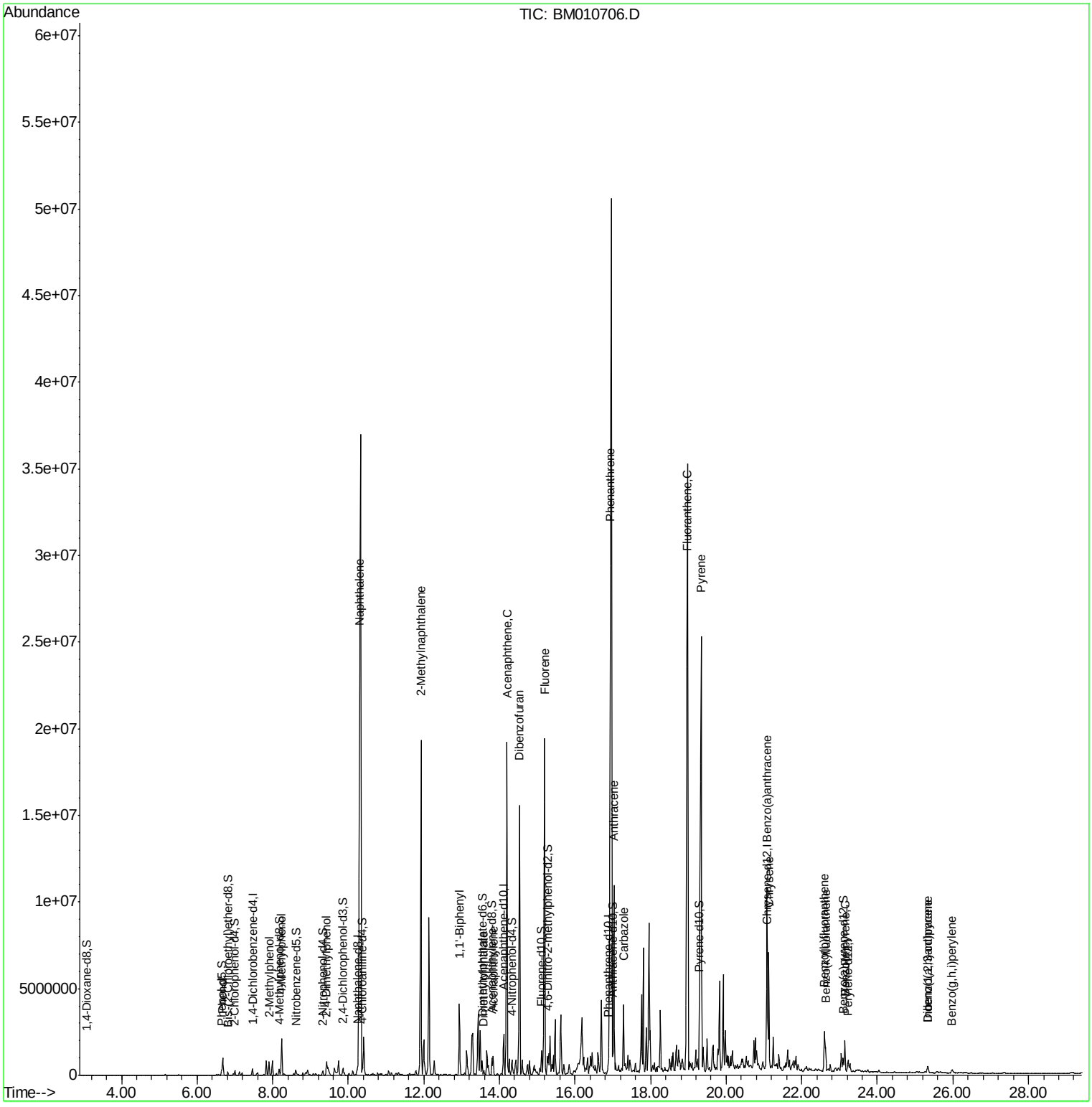
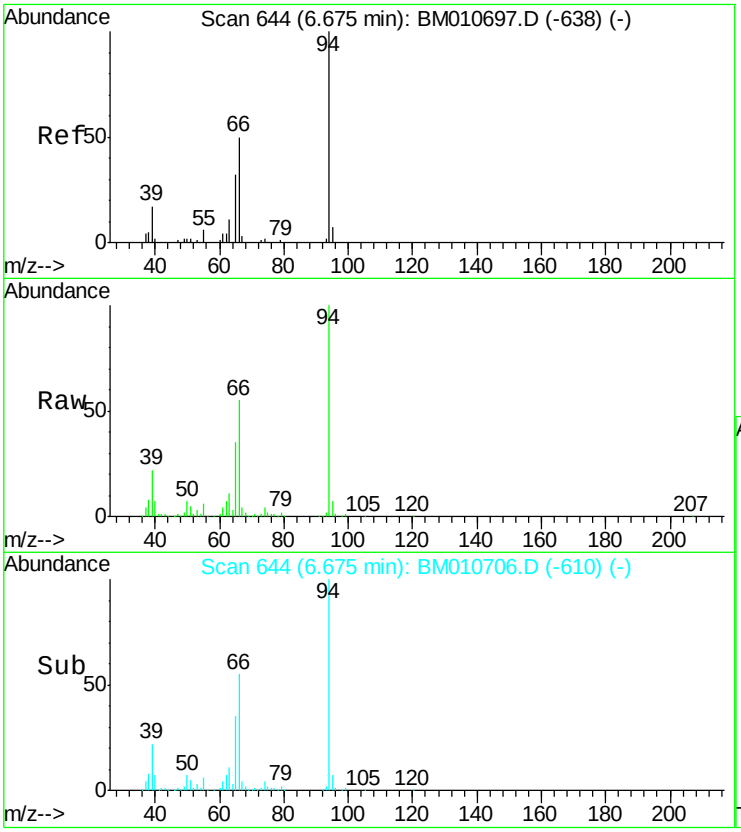
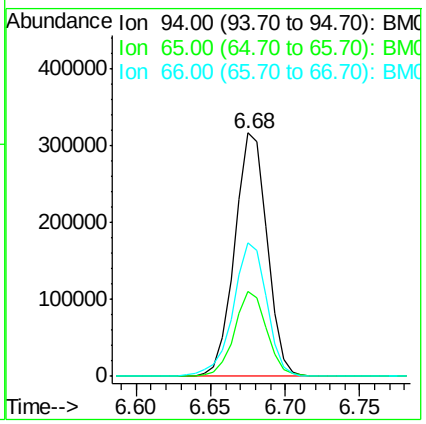




#6
Phenol
Concen: 55.97 ng/ul
RT: 6.68 min Scan# 644
Delta R.T. 0.00 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion: 94 Resp: 478190

Ion	Ratio	Lower	Upper
94	100		
65	35.1	28.2	42.4
66	54.7	47.2	70.8



Instrument :
BNA_M
ClientSampleId :
F5C82

Manual Integrations APPROVED
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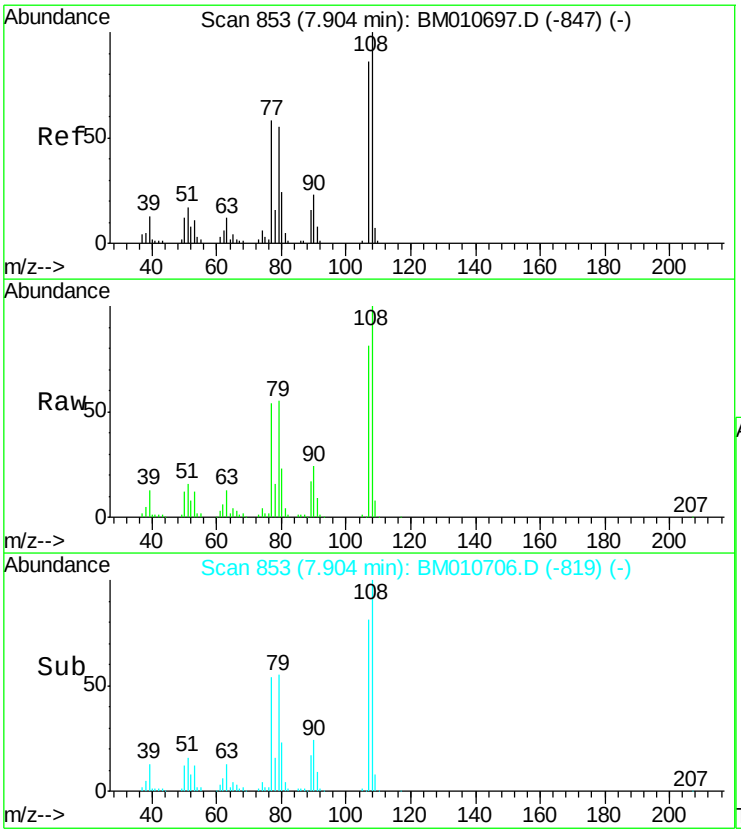
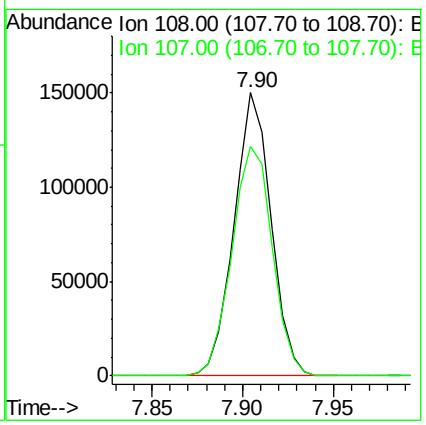
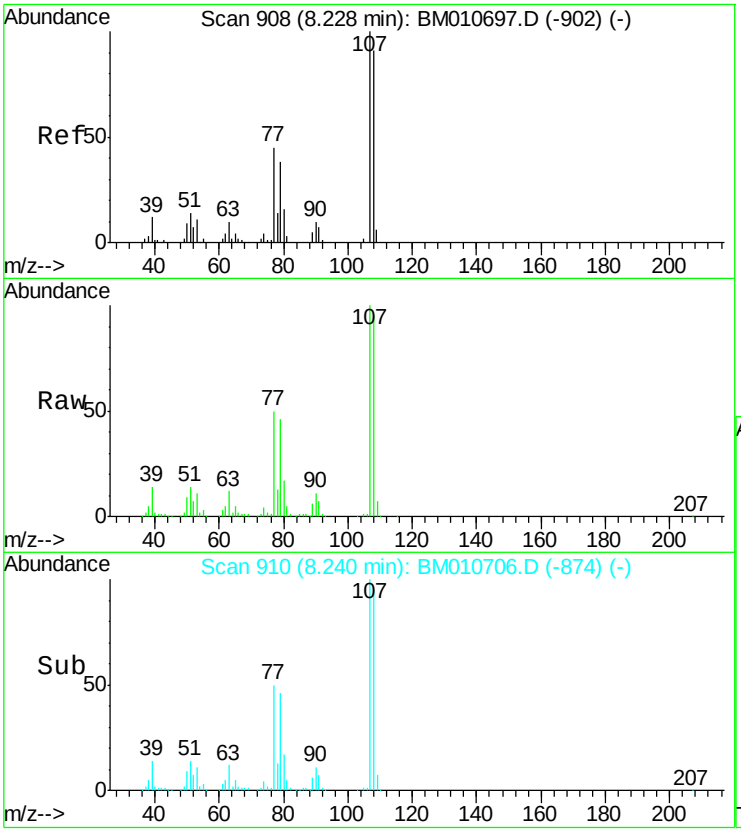


#11
2-Methylphenol
Concen: 32.73 ng/ul
RT: 7.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:108 Resp: 213158

Ion	Ratio	Lower	Upper
108	100		
107	81.2	72.6	108.8





#16
4-Methylphenol
Concen: 99.45 ng/ul
RT: 8.24 min Scan# 910
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:108 Resp: 712588

Ion	Ratio	Lower	Upper
108	100		
107	105.3	84.9	127.3

Instrument :
BNA_M
ClientSampleId :
F5C82

Manual Integrations APPROVED
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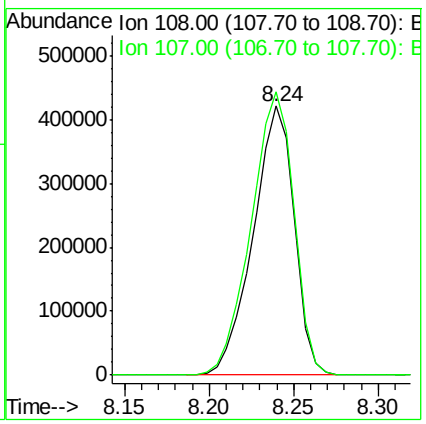
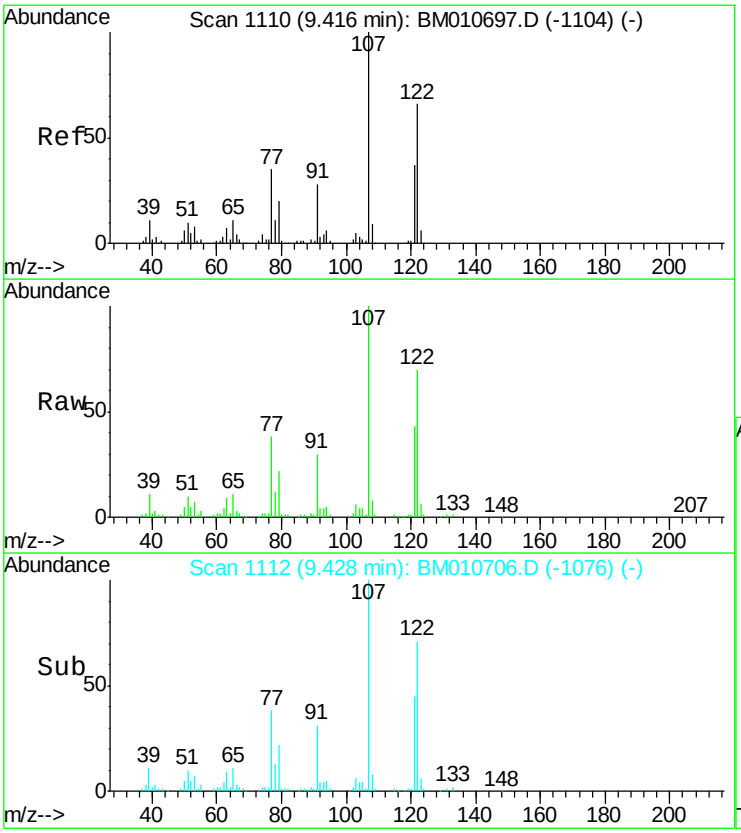
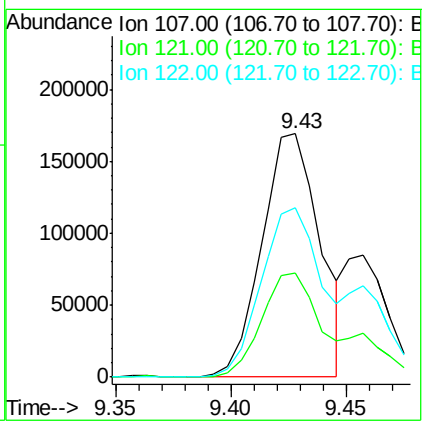


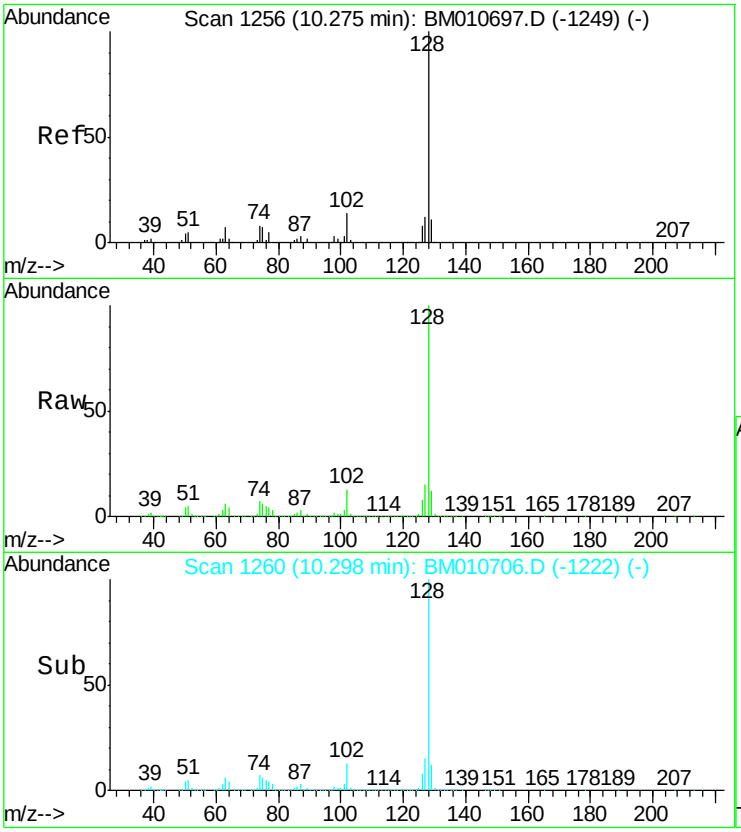


#24
2,4-Dimethylphenol
Concen: 34.40 ng/ul
RT: 9.43 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:107 Resp: 296896

Ion	Ratio	Lower	Upper
107	100		
121	42.6	31.9	47.9
122	69.7	57.8	86.6

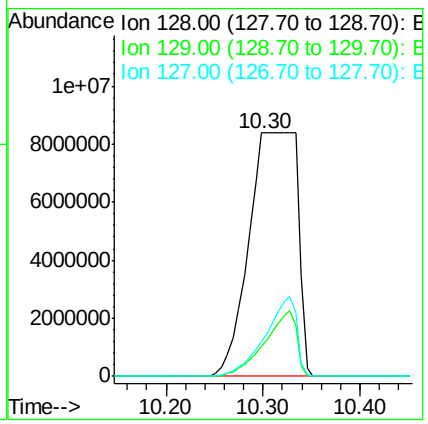




#28
Naphthalene
Concen: 1505.52 ng/ul m
RT: 10.30 min Scan# 1260
Delta R.T. 0.02 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:128 Resp:29161306

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	14.6	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
F5C82

Manual Integrations APPROVED
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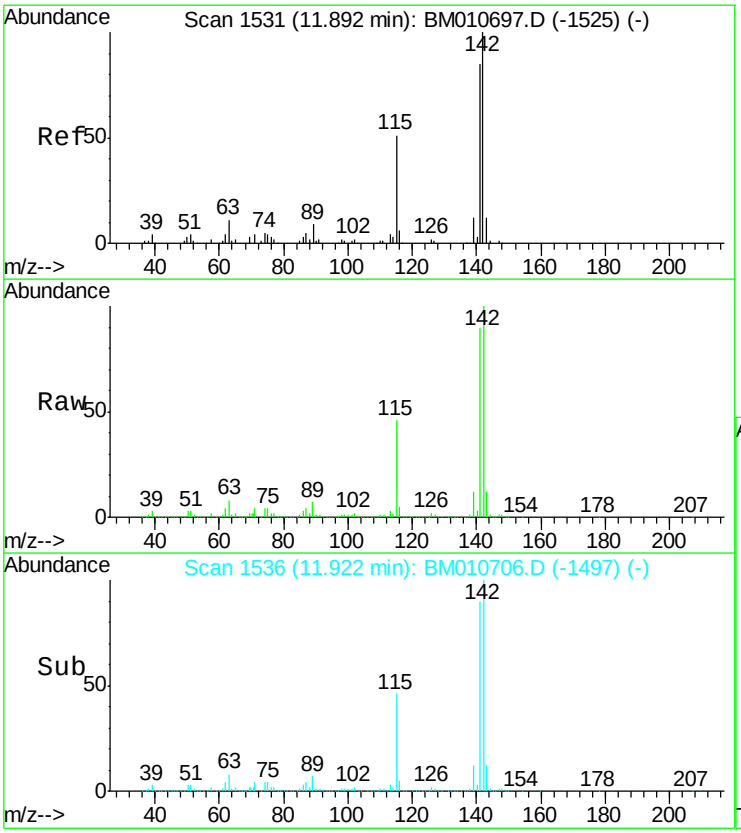
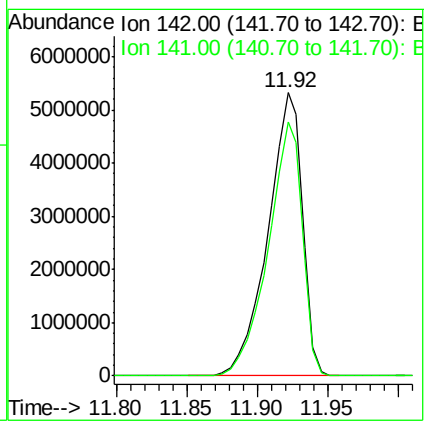
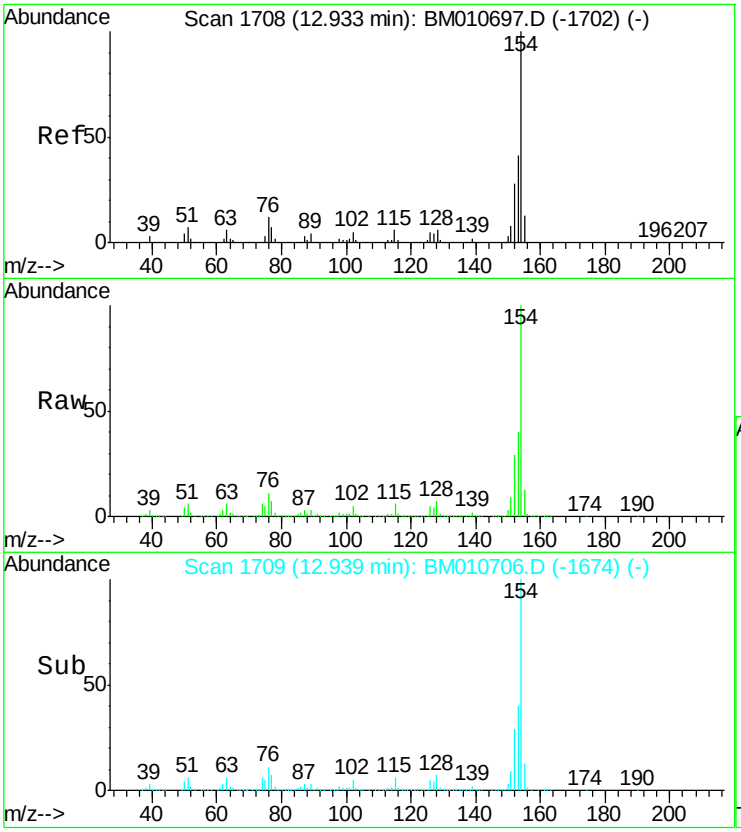


#34
2-Methylnaphthalene
Concen: 581.81 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. 0.03 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:142 Resp: 9058915

Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.1	111.1

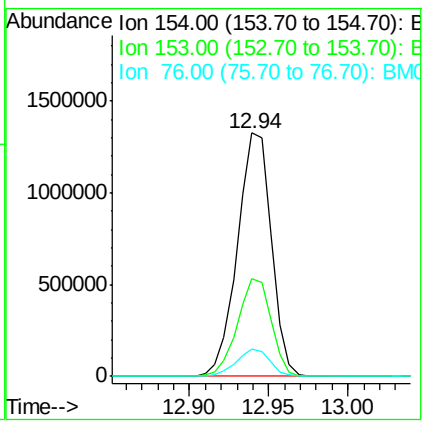




#40
1,1'-Biphenyl
Concen: 90.05 ng/ul
RT: 12.94 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:154 Resp: 1967029

Ion	Ratio	Lower	Upper
154	100		
153	39.9	32.6	48.8
76	11.1	8.5	12.7



Instrument :
BNA_M
ClientSampleId :
F5C82

Manual Integrations APPROVED
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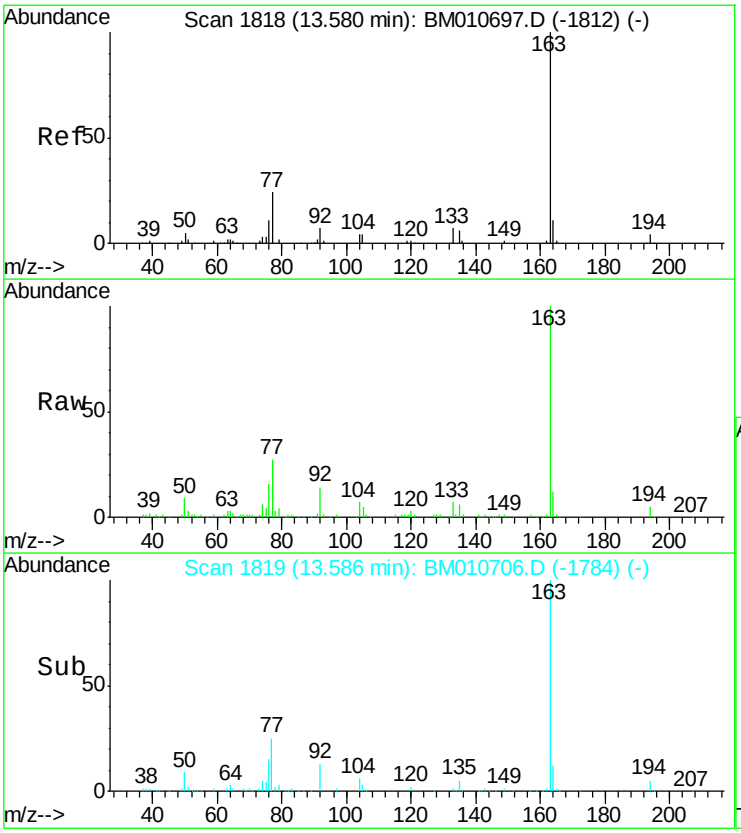
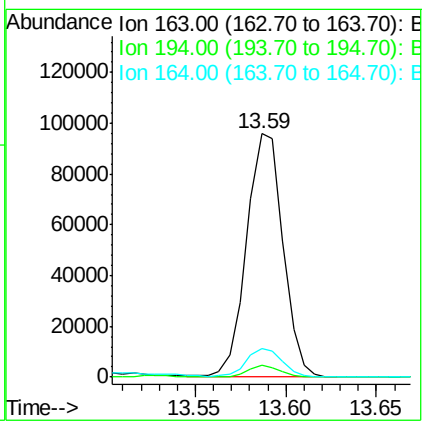
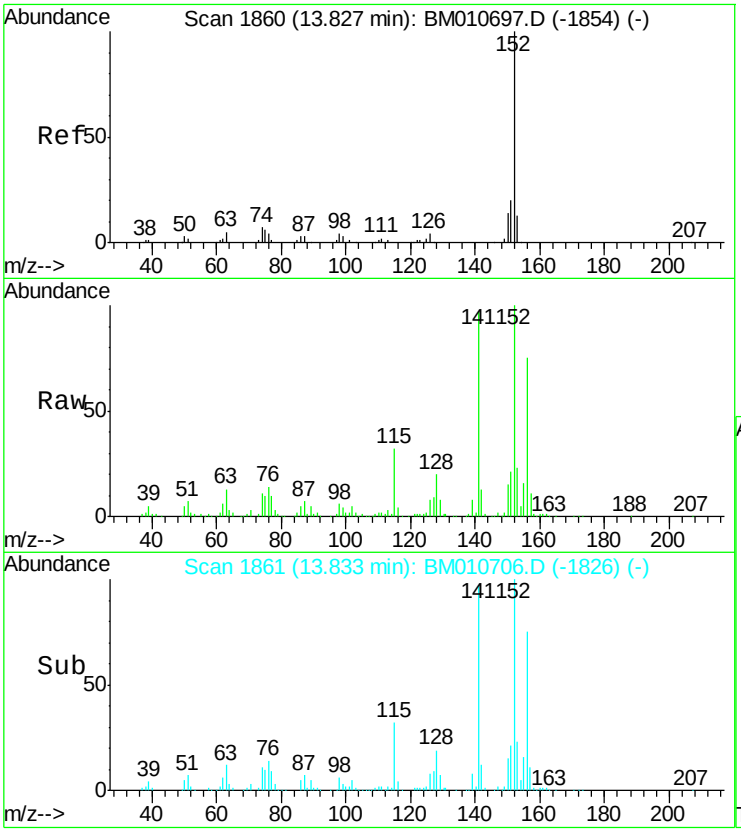


#44
Dimethylphthalate
Concen: 5.58 ng/ul
RT: 13.59 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:163 Resp: 134127

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	11.7	8.2	12.4





#47
Acenaphthylene
Concen: 9.49 ng/ul
RT: 13.83 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:152 Resp: 257796

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	22.6	10.2	15.4#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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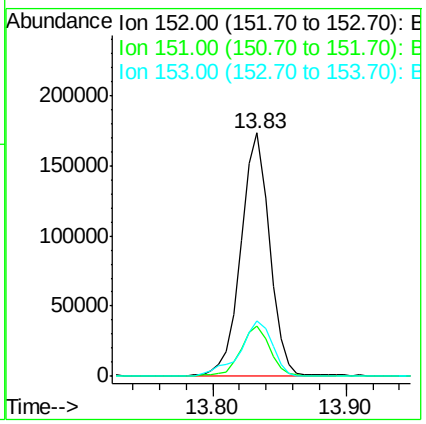
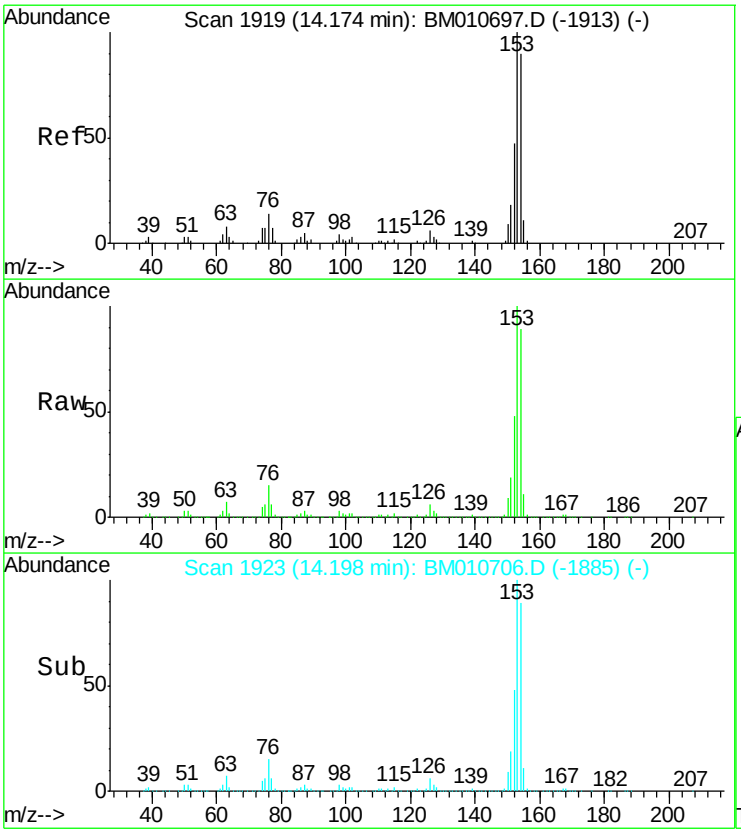
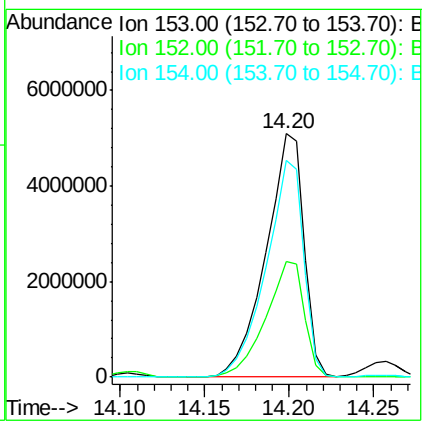


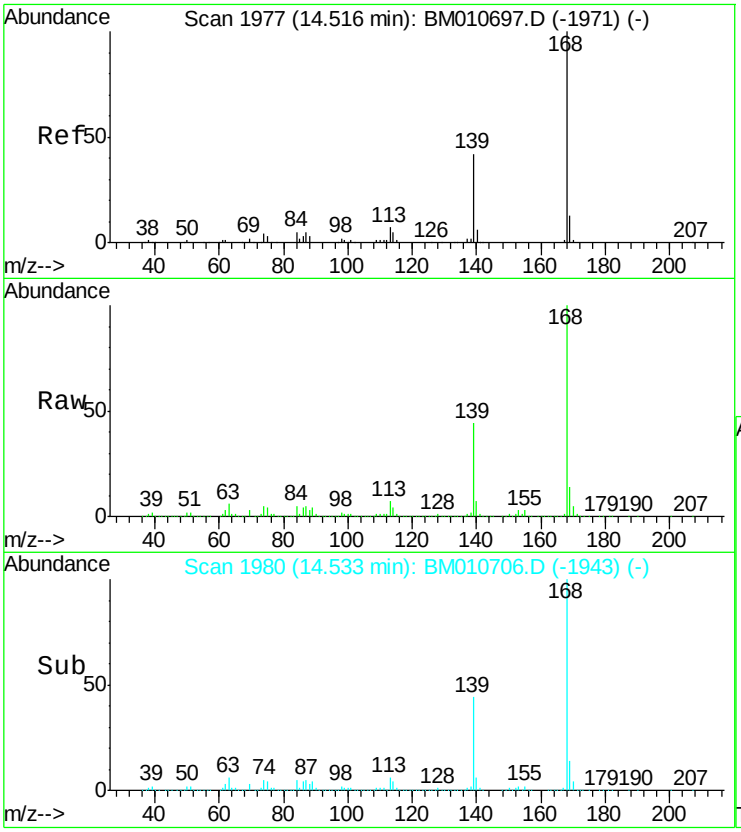


#49
Acenaphthene
Concen: 435.19 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. 0.02 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:153 Resp: 7977019

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	89.2	70.4	105.6

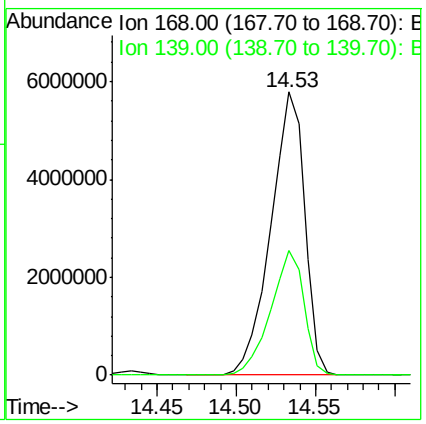




#53
Dibenzofuran
Concen: 309.75 ng/ul
RT: 14.53 min Scan# 1980
Delta R.T. 0.02 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:168 Resp: 8598511

Ion	Ratio	Lower	Upper
168	100		
139	44.2	30.8	46.2



Instrument :
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ClientSampleId :
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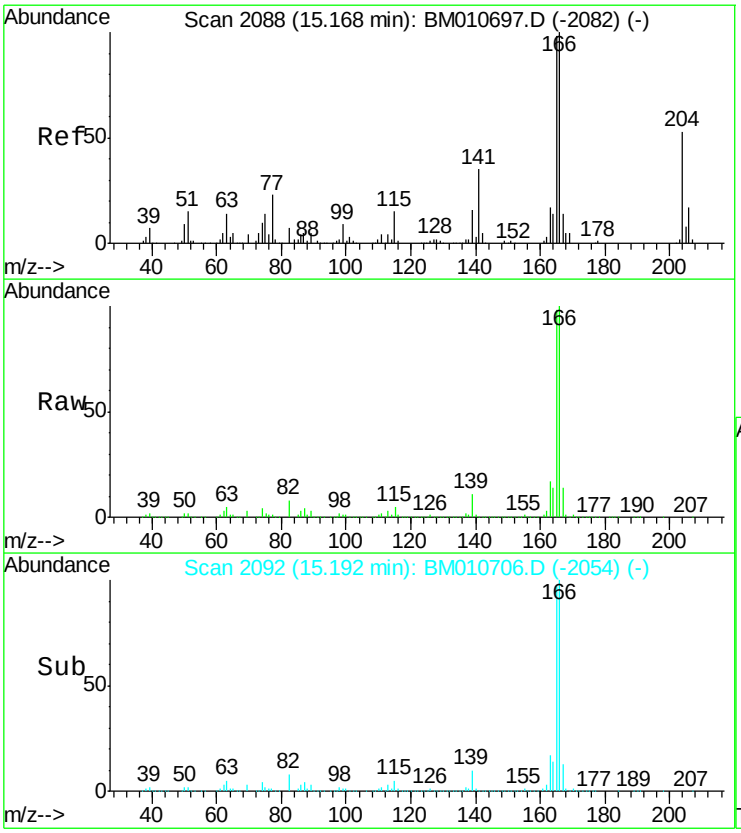
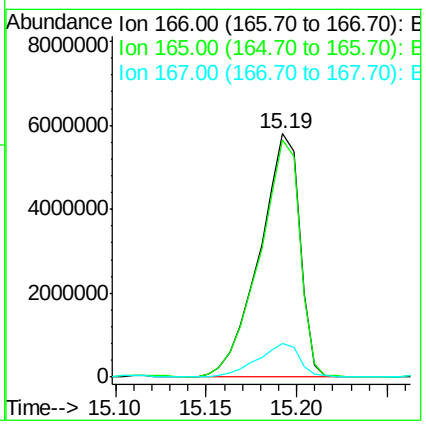
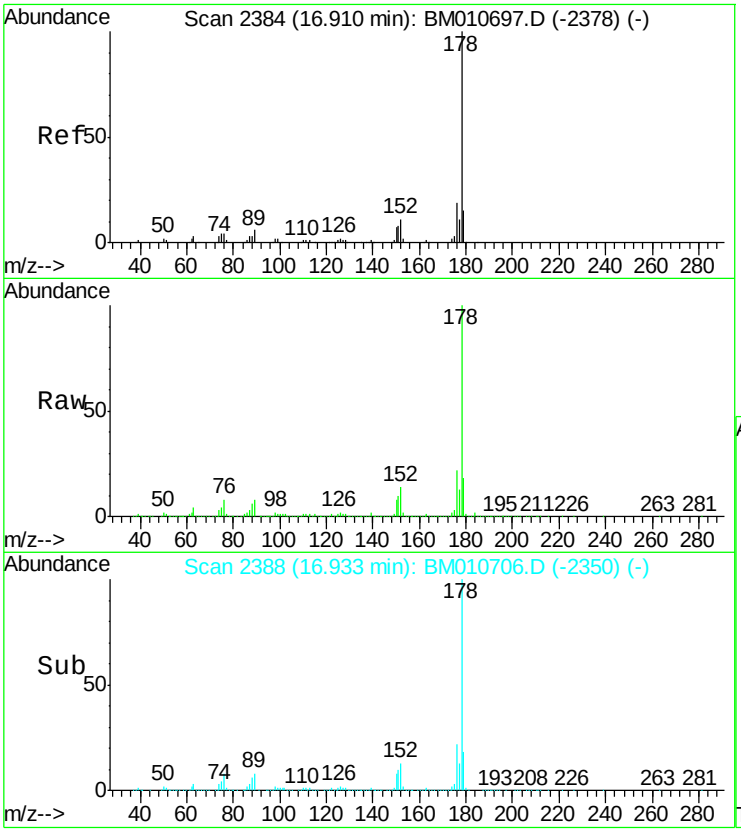


#58
Fluorene
Concen: 385.13 ng/ul
RT: 15.19 min Scan# 2092
Delta R.T. 0.02 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:166 Resp: 8951000

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.9	116.9
167	13.8	10.6	16.0





#69
Phenanthrene
Concen: 848.82 ng/ul m
RT: 16.93 min Scan# 2388
Delta R.T. 0.02 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:178 Resp:28285429

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.6	19.0
176	22.3	14.9	22.3#

Instrument :
BNA_M
ClientSampleId :
F5C82

Manual Integrations APPROVED
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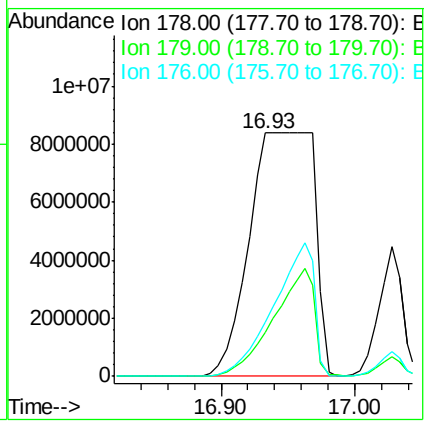
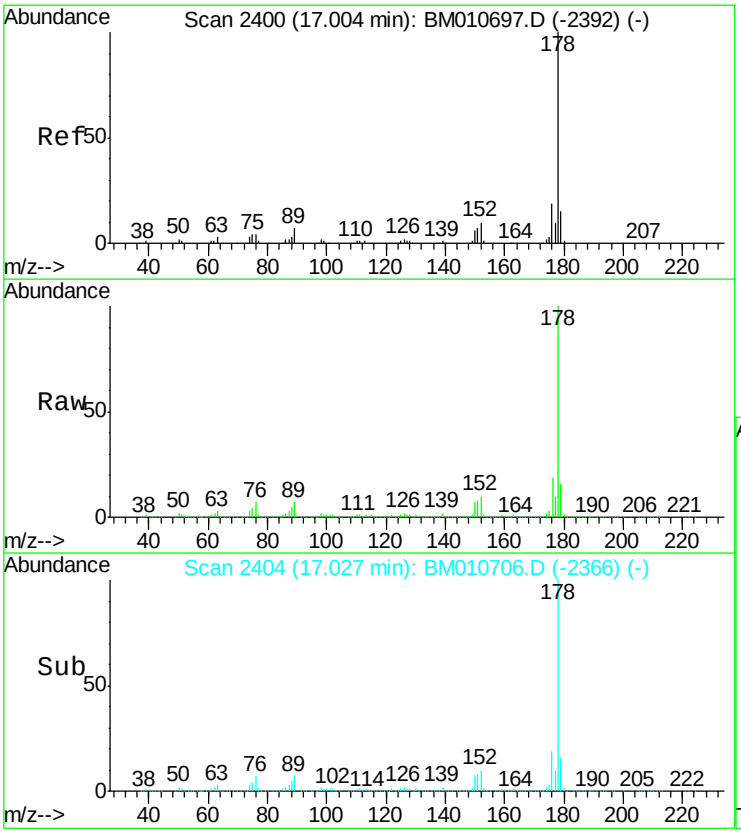
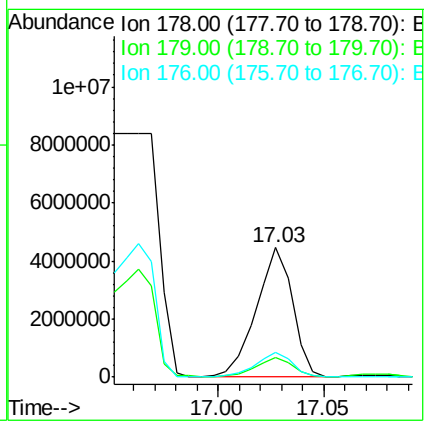


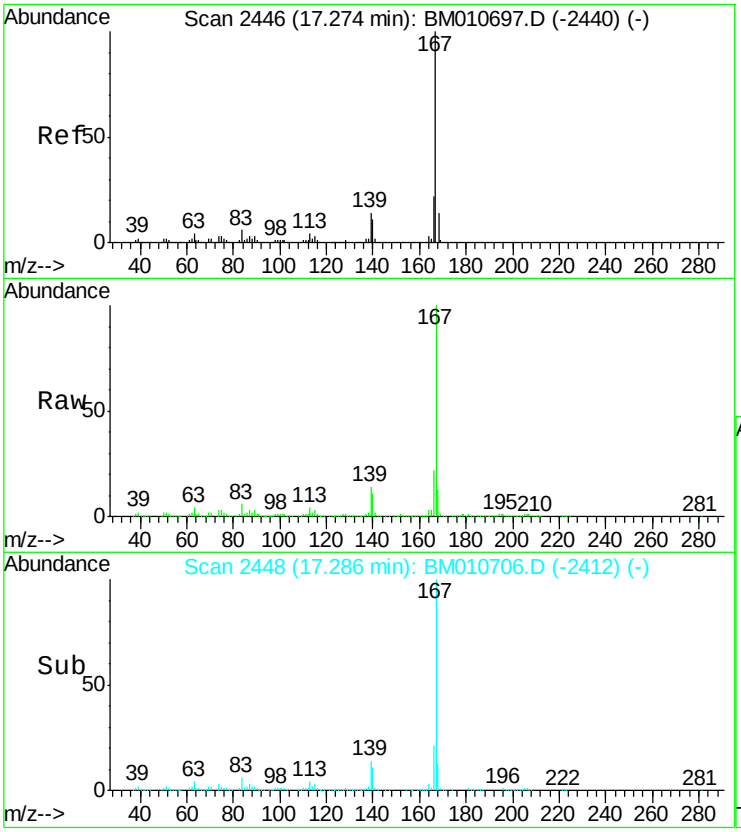


#71
Anthracene
Concen: 154.28 ng/ul
RT: 17.03 min Scan# 2404
Delta R.T. 0.02 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:178 Resp: 5296630

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	18.9	14.6	21.8





#72
Carbazole
Concen: 69.36 ng/ul
RT: 17.29 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:167 Resp: 2077500

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	14.2	10.0	15.0

Instrument :
BNA_M
ClientSampleId :
F5C82

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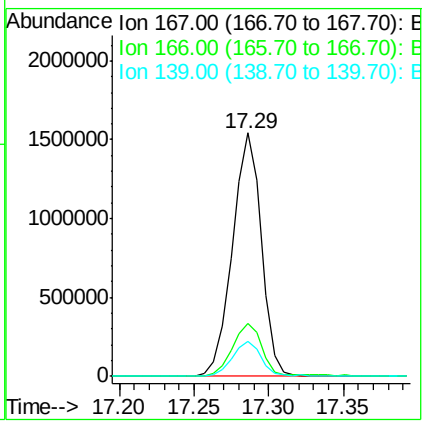
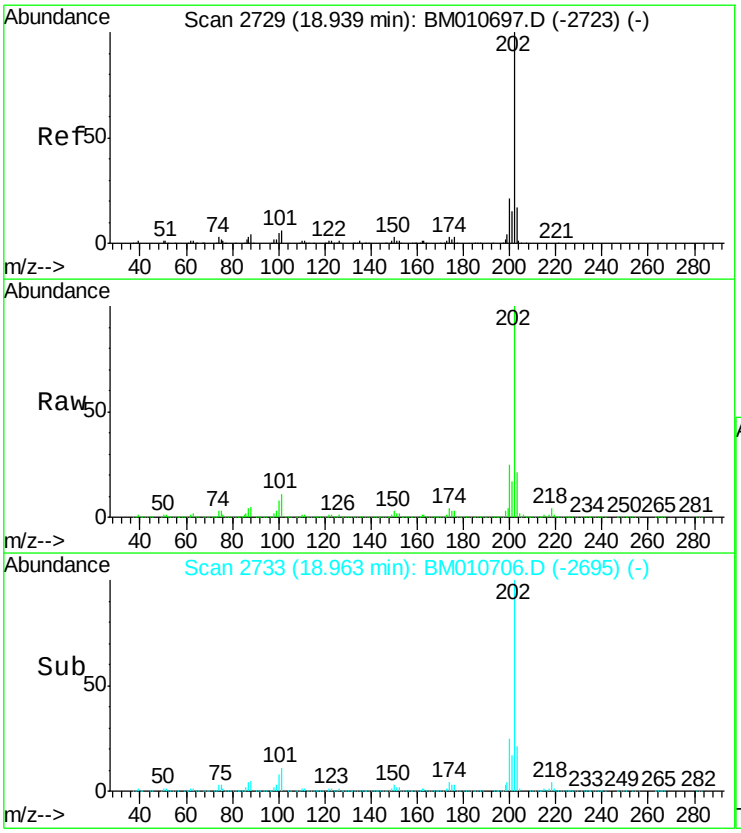
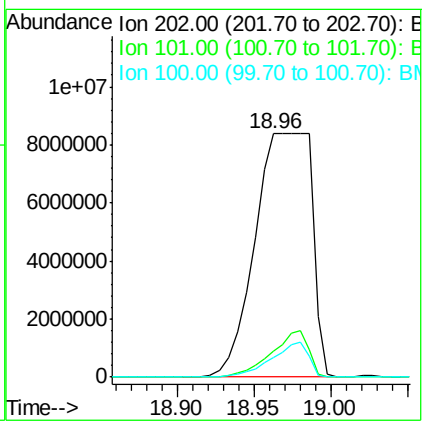


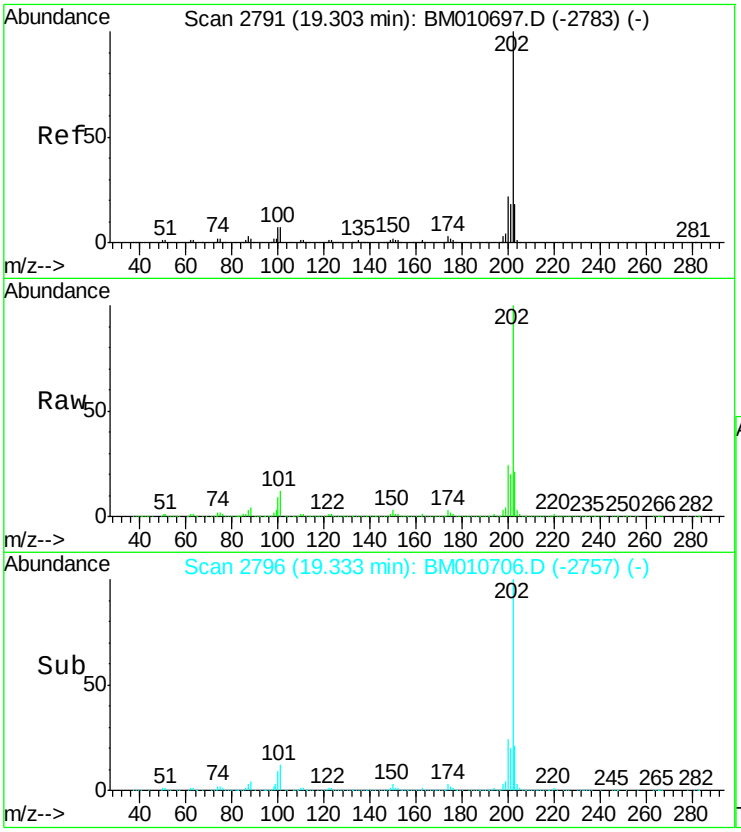


#74
Fluoranthene
Concen: 506.39 ng/ul m
RT: 18.96 min Scan# 2733
Delta R.T. 0.02 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:202 Resp:21747103

Ion	Ratio	Lower	Upper
202	100		
101	10.8	4.6	7.0#
100	8.1	3.4	5.2#

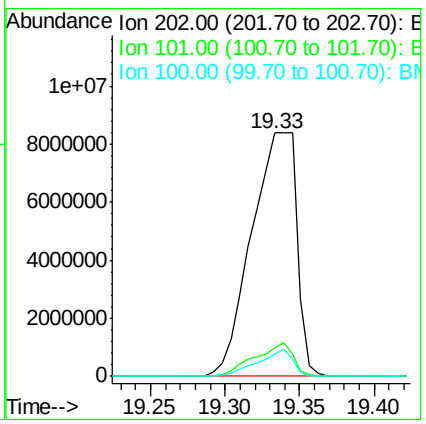




#77
Pyrene
Concen: 458.54 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. 0.03 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:202 Resp:17694879

Ion	Ratio	Lower	Upper
202	100		
101	11.8	5.1	7.7#
100	9.1	4.9	7.3#



Instrument :
BNA_M
ClientSampleId :
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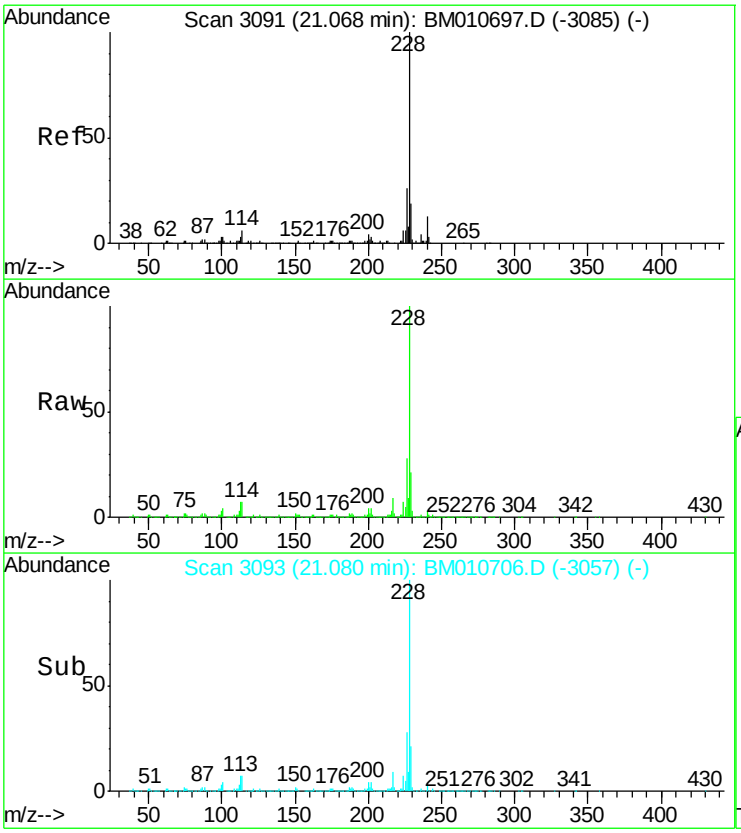
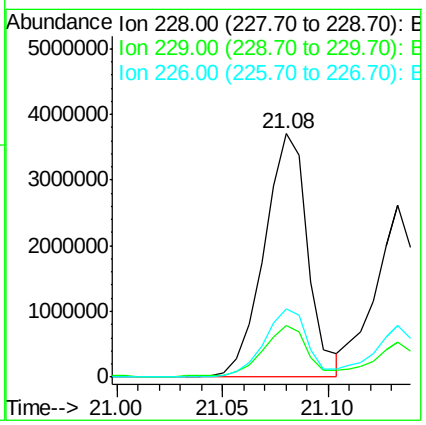
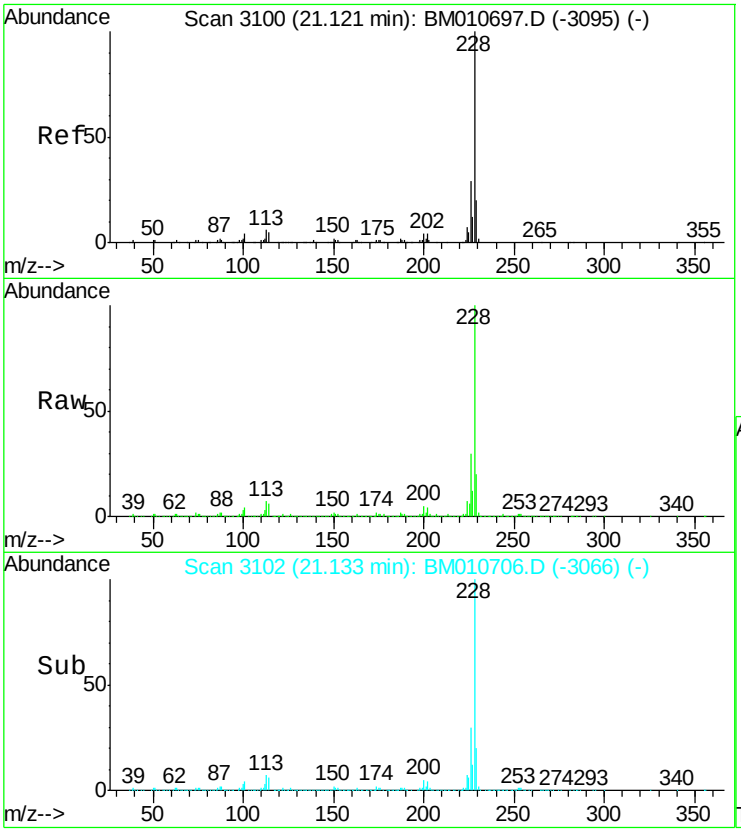


#80
Benzo(a)anthracene
Concen: 136.48 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:228 Resp: 5309892

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	28.2	21.4	32.0

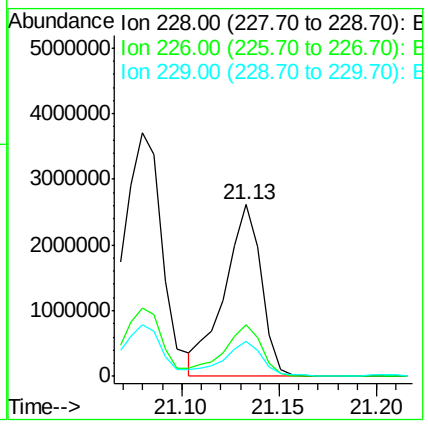




#82
Chrysene
Concen: 98.28 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:228 Resp: 3409039

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	20.3	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
F5C82

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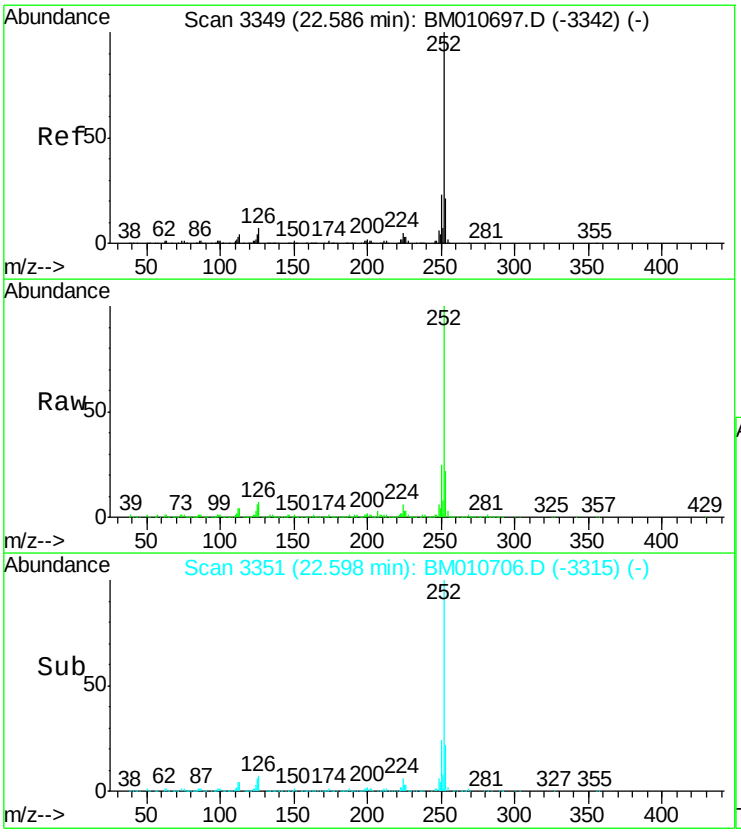
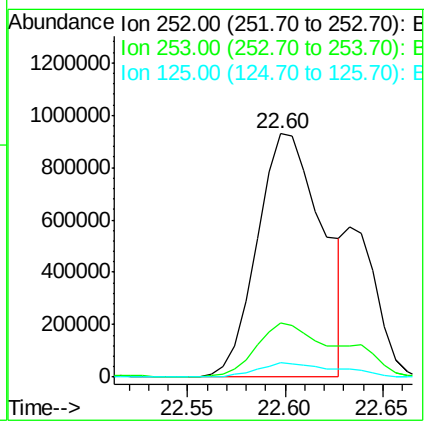
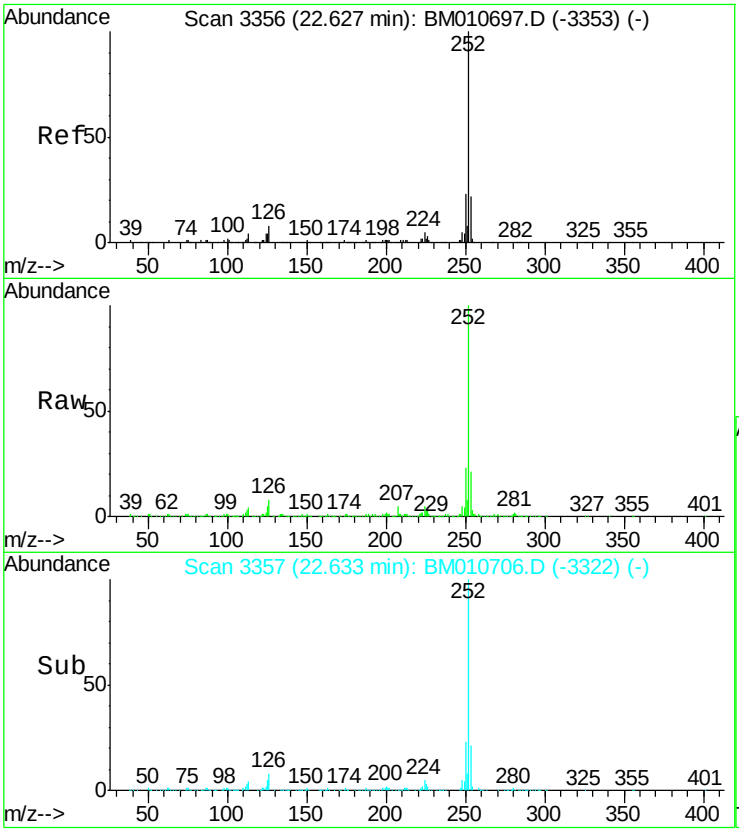


#85
Benzo(b)fluoranthene
Concen: 74.47 ng/ul
RT: 22.60 min Scan# 3351
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:252 Resp: 2145256

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

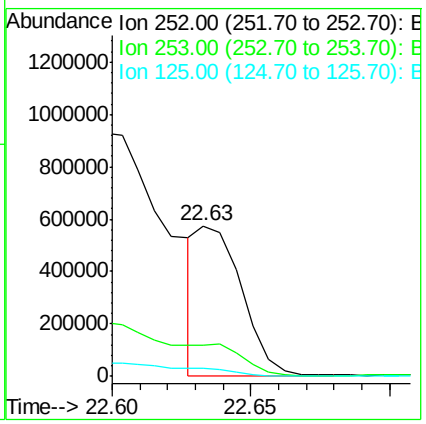




#86
Benzo(k)fluoranthene
Concen: 23.59 ng/ul m
RT: 22.63 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:252 Resp: 644342

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	5.4	3.4	5.2#



Instrument :
BNA_M
ClientSampleId :
F5C82

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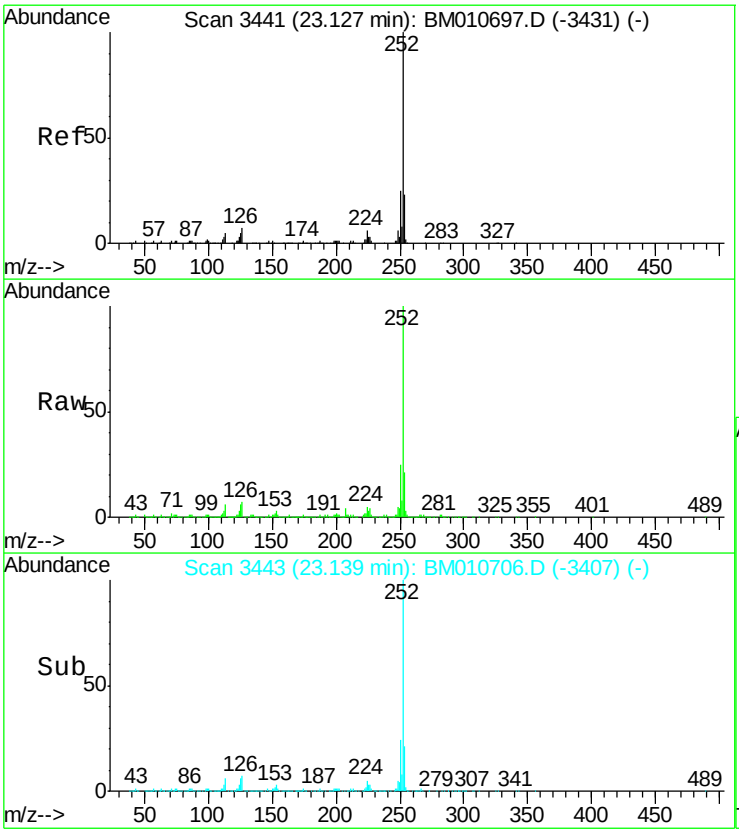
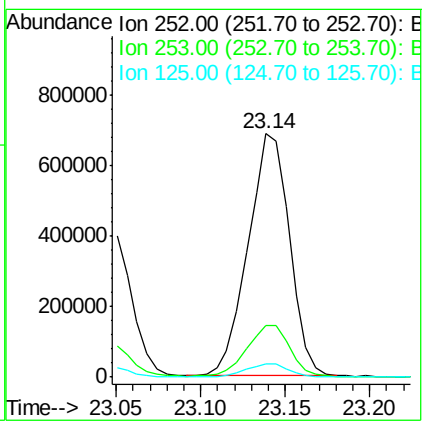
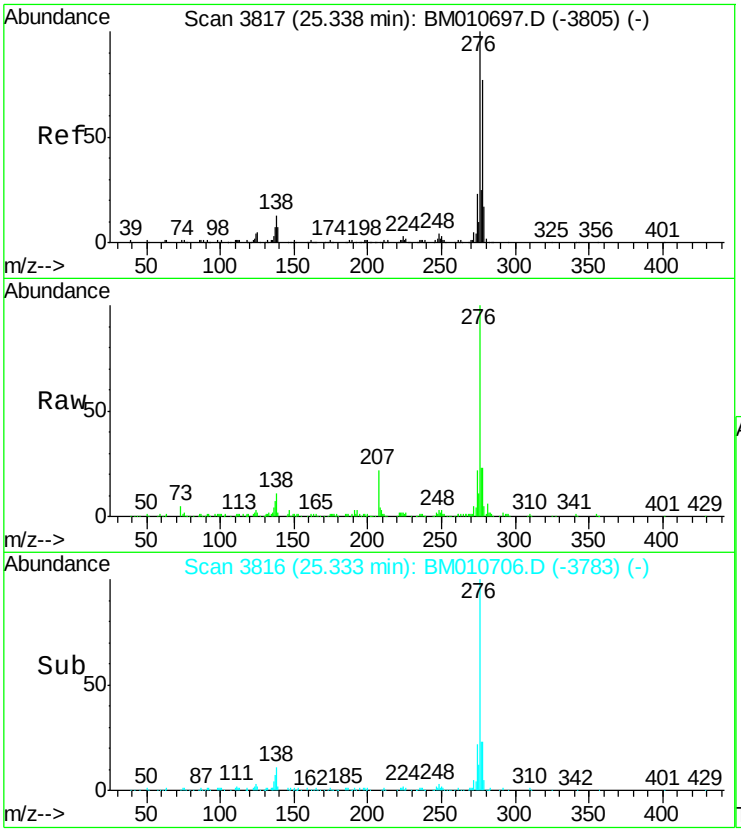


#88
Benzo(a)pyrene
Concen: 44.30 ng/ul
RT: 23.14 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:252 Resp: 1174992

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	5.7	4.0	6.0

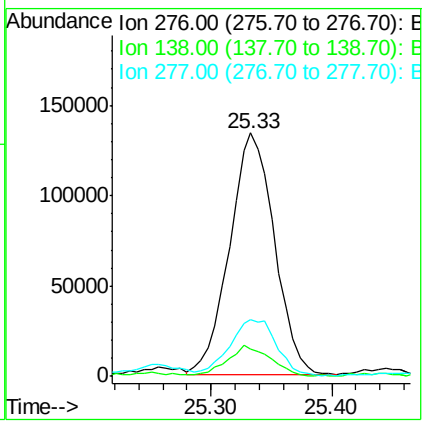




#89
Indeno(1,2,3-cd)pyrene
Concen: 12.56 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:276 Resp: 345497

Ion	Ratio	Lower	Upper
276	100		
138	11.3	9.3	13.9
277	23.3	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
F5C82

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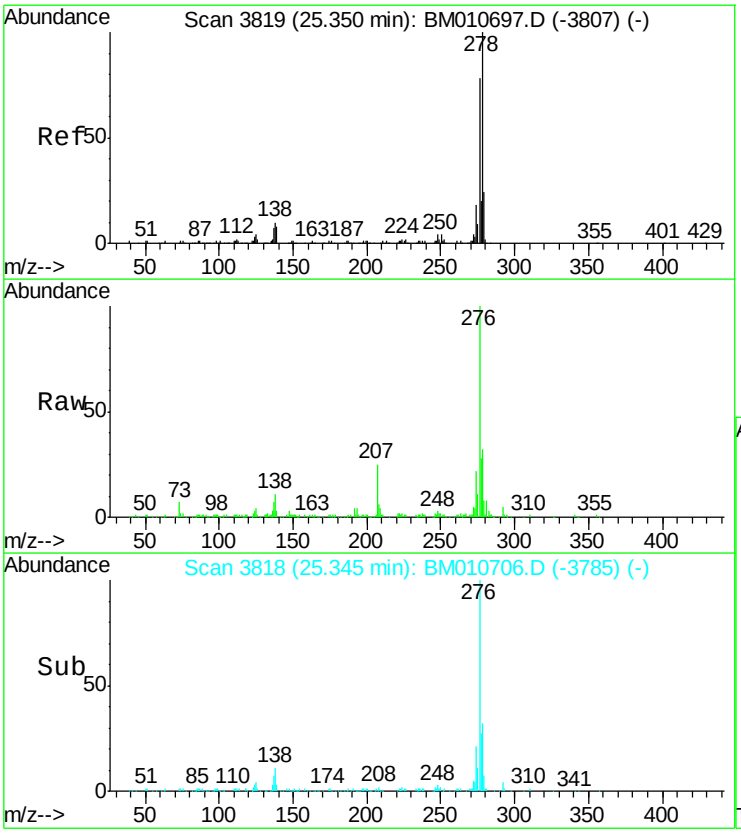
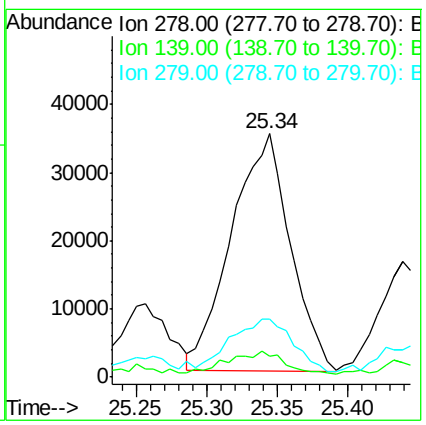
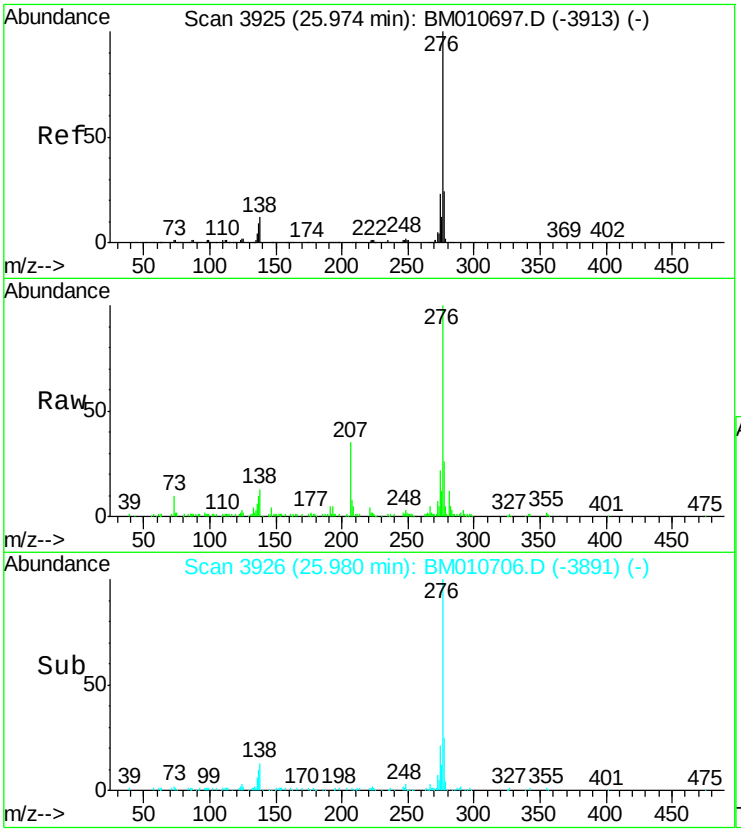


#90
Dibenzo(a,h)anthracene
Concen: 4.45 ng/ul
RT: 25.34 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:278 Resp: 102042

Ion	Ratio	Lower	Upper
278	100		
139	8.8	5.8	8.8#
279	23.6	18.6	27.8

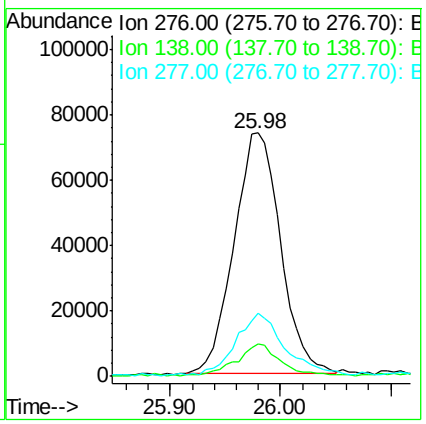




#91
Benzo(g,h,i)perylene
Concen: 10.00 ng/ul
RT: 25.98 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BM010706.D
Acq: 24 Jun 2017 00:50

Tgt Ion:276 Resp: 219039

Ion	Ratio	Lower	Upper
276	100		
138	13.2	8.5	12.7#
277	25.8	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
F5C82

Manual Integrations APPROVED
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