Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061317\
Data File : BM010571.D
Acq On : 13 Jun 2017 21:45
Operator : SJ/MA
Sample : I3522-15 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D31

Manual Integrations APPROVED
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Quant Time: Jun 14 14:03:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	96838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	326224	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	216020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	562210	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	885831	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	921548	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	910	0.39	ng/uL	0.02
5) Phenol-d5	7.07	99	12798	1.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	8080	1.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	10413	1.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	11561	1.95	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	5547m	2.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	5226	1.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	10665	1.88	ng/ul	0.01
29) 4-Chloroaniline-d4	10.85	131	12963	2.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	48746	2.72	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	51154	2.44	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.51	176	44010	2.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.37	188	77222	2.82	ng/ul	0.00
76) Pyrene-d10	19.66	212	101404	2.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	112948	2.63	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.73	128	38799	2.371	ng/ul	97
34) 2-Methylnaphthalene	12.34	142	26665	2.149	ng/ul	96
44) Dimethylphthalate	13.98	163	29680	1.681	ng/ul#	99
47) Acenaphthylene	14.24	152	67037	3.276	ng/ul	98
53) Dibenzofuran	14.92	168	58555	2.760	ng/ul	87
58) Fluorene	15.57	166	116941	6.719	ng/ul#	93
69) Phenanthrene	17.31	178	500896	16.689	ng/ul	97
71) Anthracene	17.40	178	4186401	133.609	ng/ul	99
72) Carbazole	17.69	167	1205983	45.473	ng/ul	97
74) Fluoranthene	19.32	202	1290988	34.978	ng/ul#	95
77) Pyrene	19.69	202	1157687	25.361	ng/ul#	92
80) Benzo(a)anthracene	21.42	228	770177	15.418	ng/ul	97
82) Chrysene	21.47	228	886648	19.635	ng/ul	93
85) Benzo(b)fluoranthene	23.06	252	1646734	30.709	ng/ul	97
86) Benzo(k)fluoranthene	23.10	252	414963m	8.100	ng/ul	
88) Benzo(a)pyrene	23.66	252	742082m	13.961	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.13	276	572425	8.524	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.14	278	146768	2.538	ng/ul#	95
91) Benzo(g,h,i)perylene	26.88	276	420223	7.596	ng/ul	94

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

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Instrument :
BNA_M
ClientSampleId :
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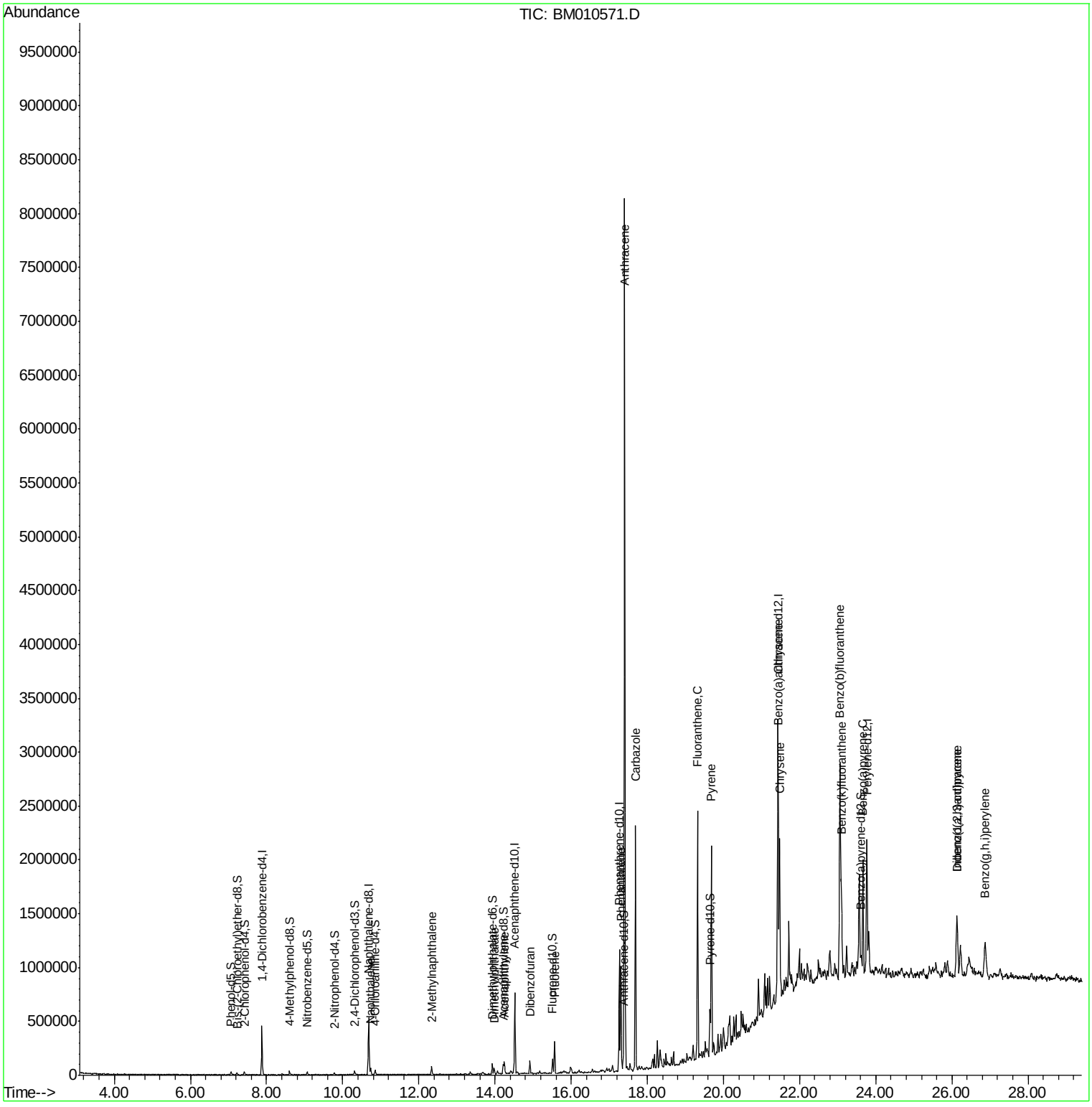
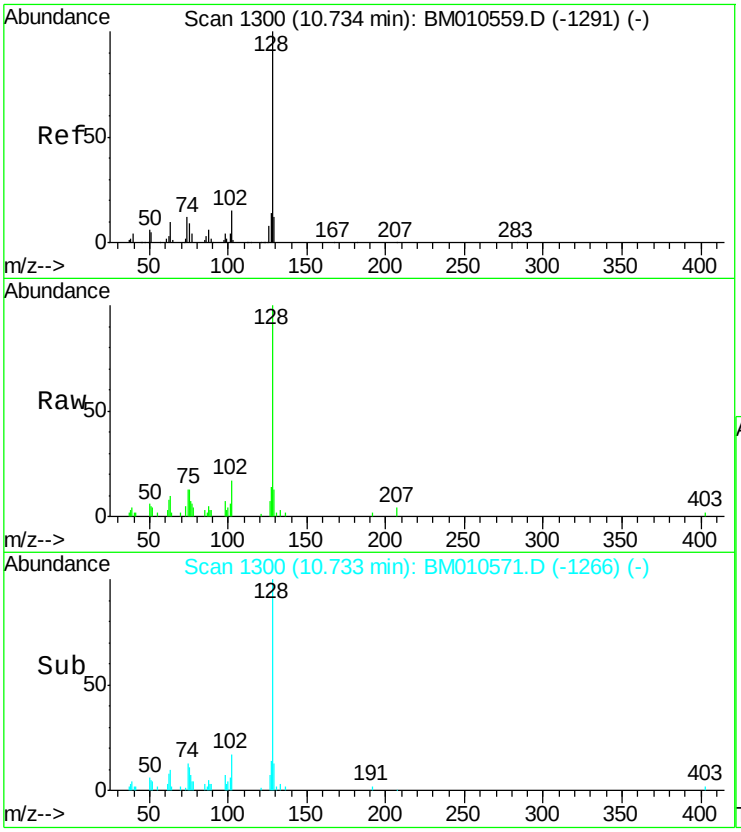
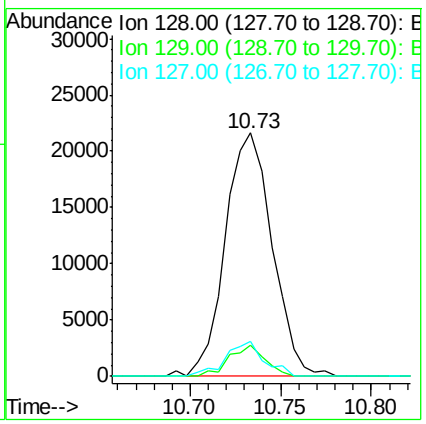




#28
Naphthalene
Concen: 2.371 ng/ul
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:128 Resp: 38799

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.8	13.2
127	14.3	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
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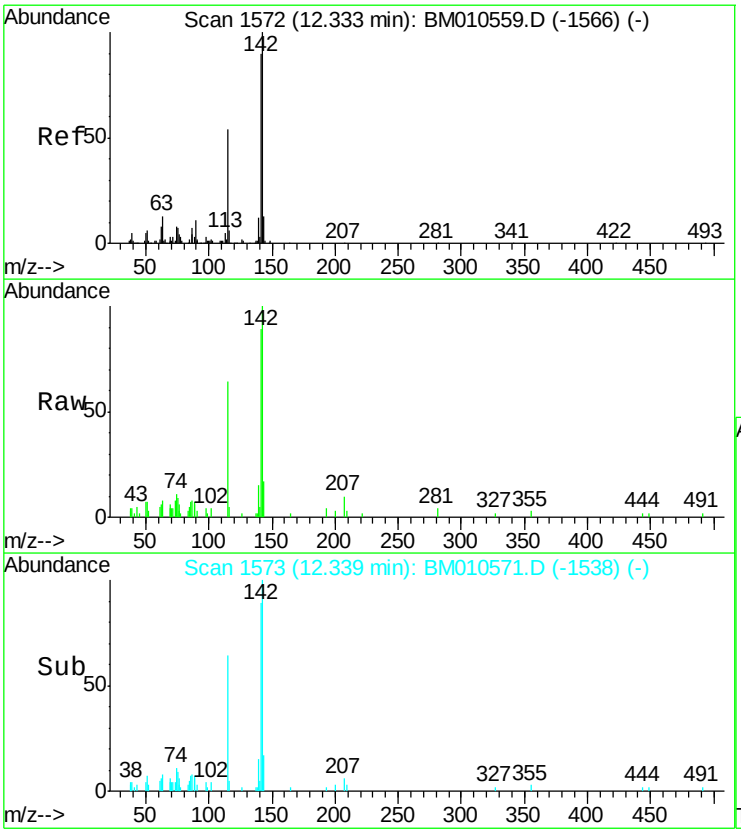
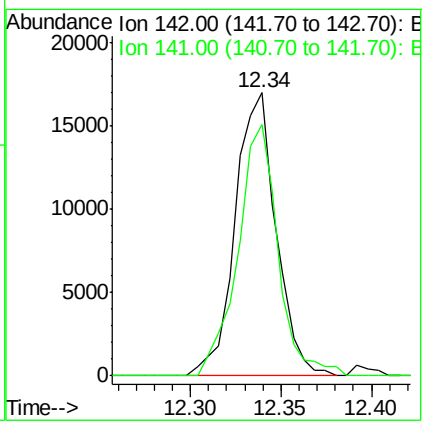
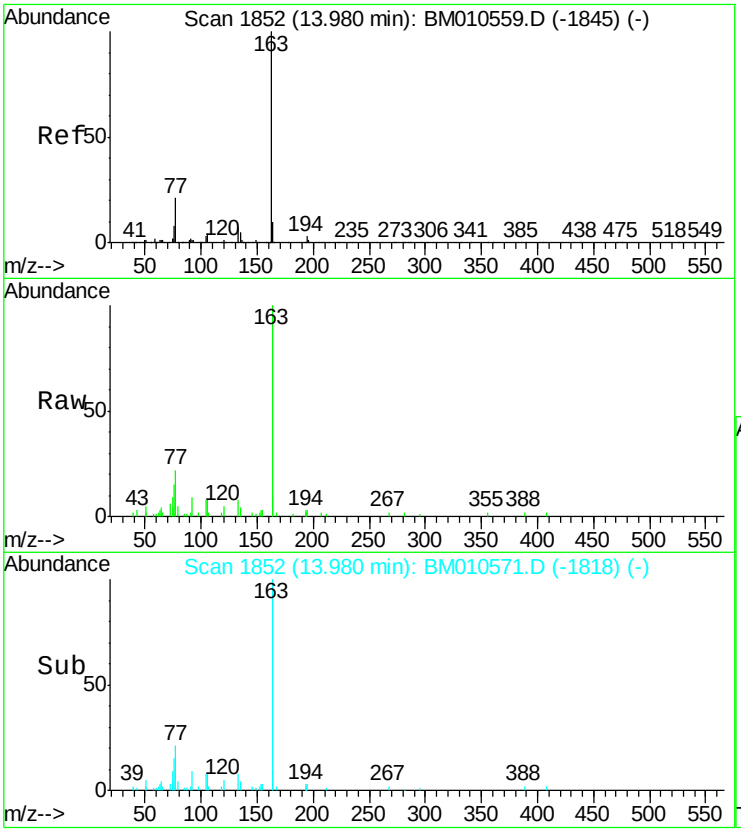


#34
2-Methylnaphthalene
Concen: 2.149 ng/ul
RT: 12.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:142 Resp: 26665

Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.1	111.1

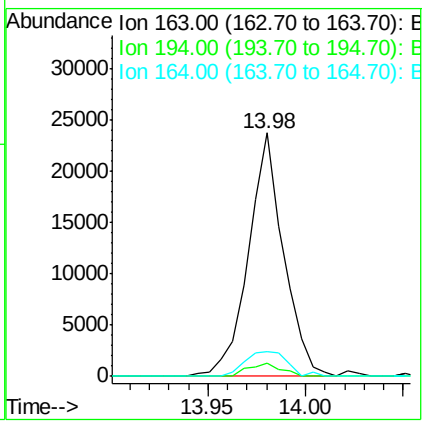




#44
Dimethylphthalate
Concen: 1.681 ng/ul
RT: 13.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:163 Resp: 29680

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.5	5.3#
164	10.2	8.2	12.4



Instrument :
BNA_M
ClientSampleId :
F5D31

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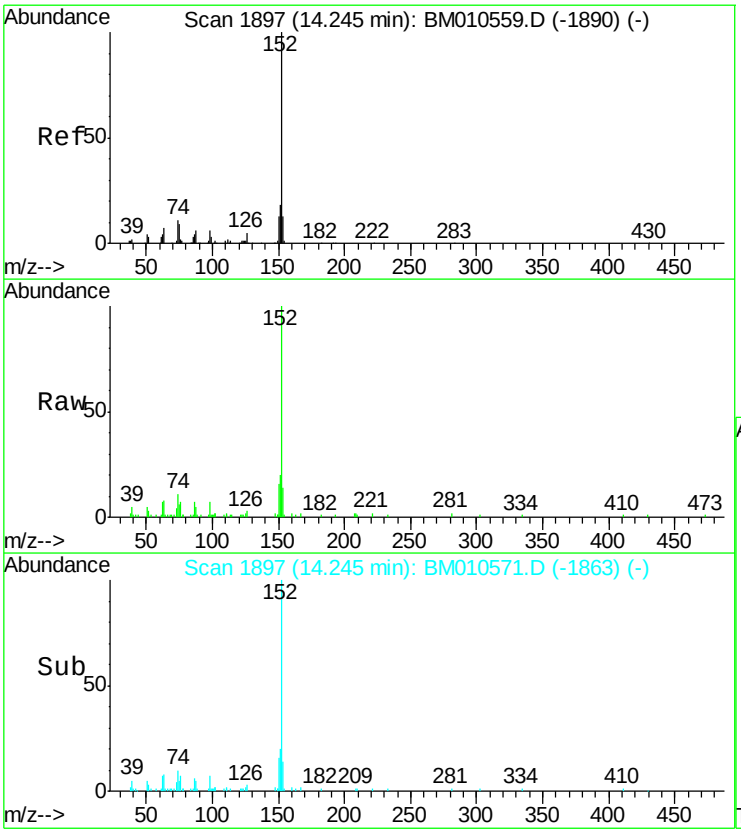
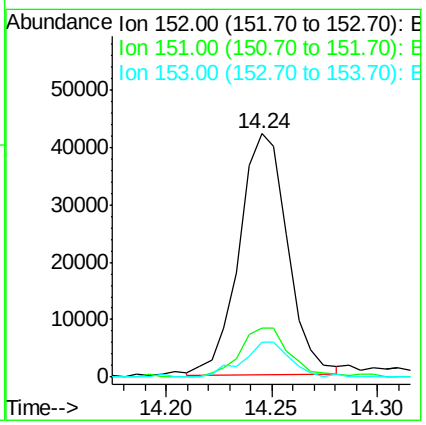
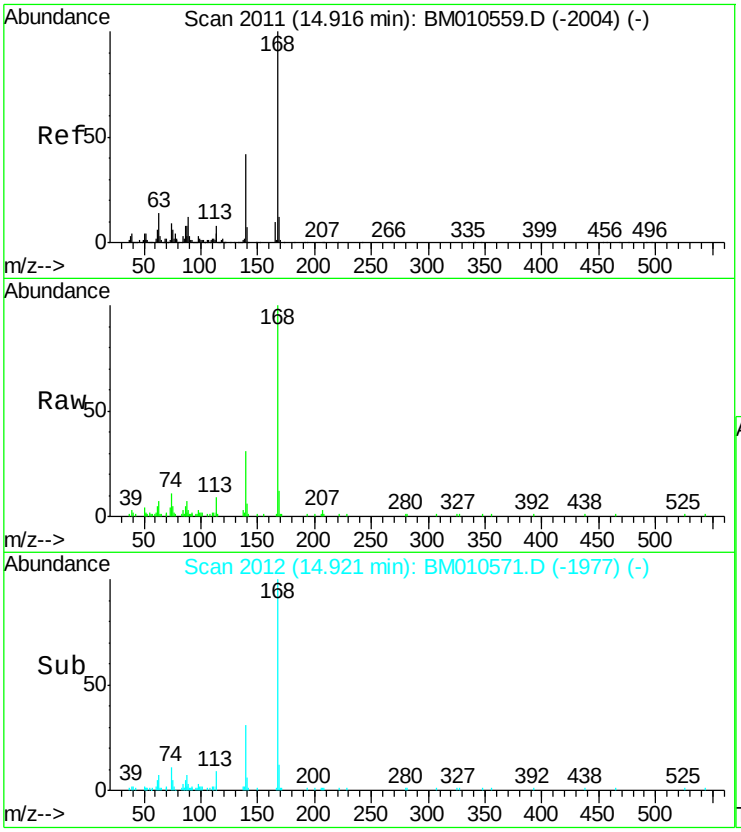


#47
Acenaphthylene
Concen: 3.276 ng/ul
RT: 14.24 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:152 Resp: 67037

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	14.4	10.2	15.4





#53
Dibenzofuran
Concen: 2.760 ng/ul
RT: 14.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:168 Resp: 58555

Ion	Ratio	Lower	Upper
168	100		
139	30.8	30.8	46.2

Instrument :
BNA_M
ClientSampleId :
F5D31

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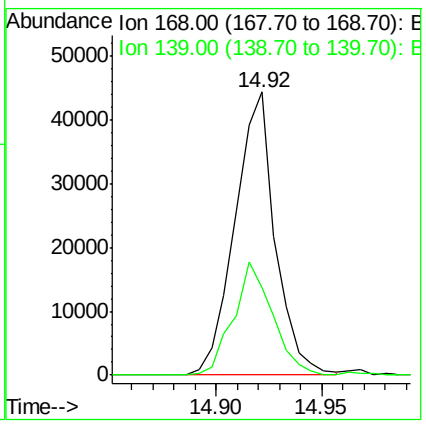
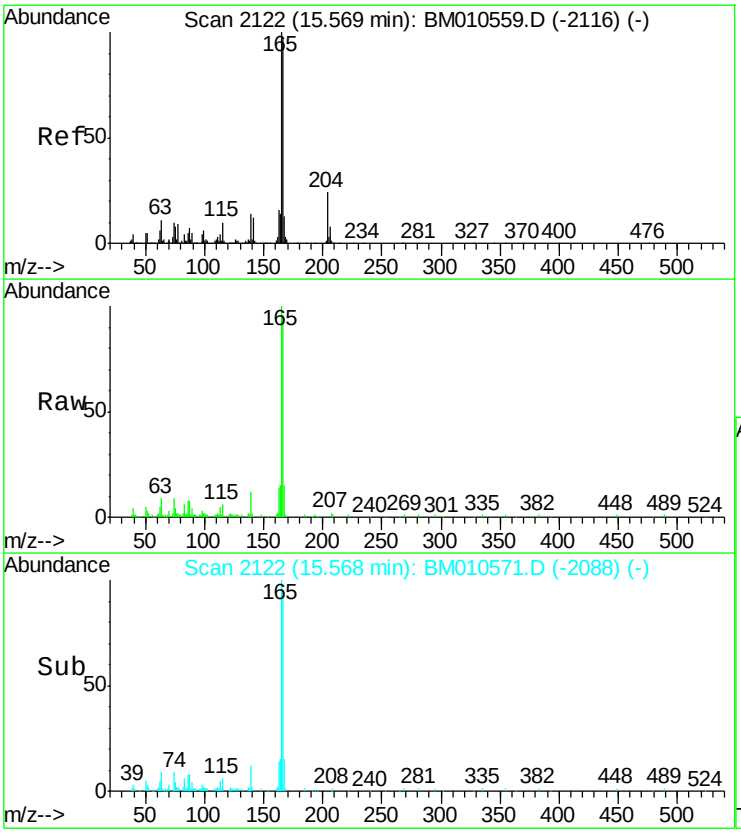
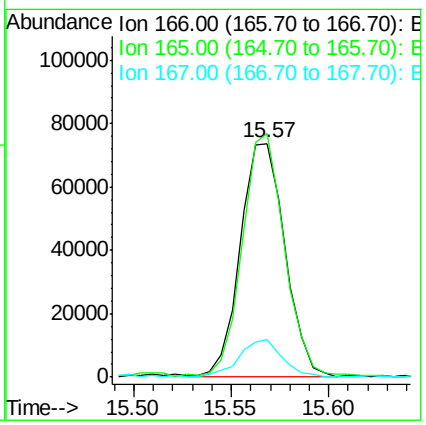


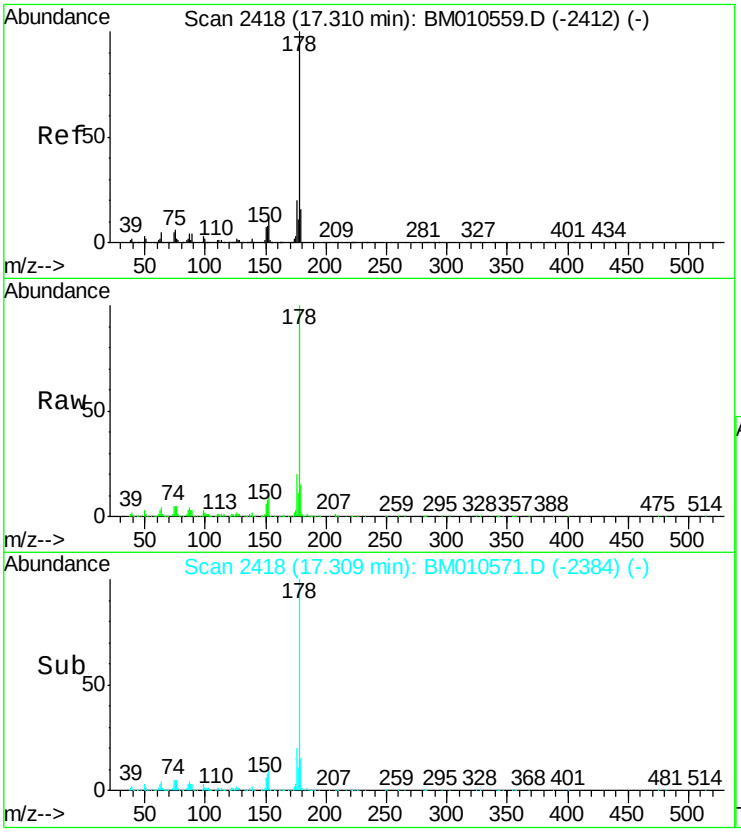


#58
Fluorene
Concen: 6.719 ng/ul
RT: 15.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:166 Resp: 116941

Ion	Ratio	Lower	Upper
166	100		
165	104.1	77.9	116.9
167	16.0	10.6	16.0#

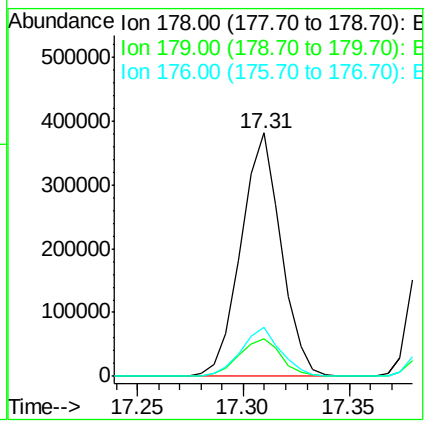




#69
Phenanthrene
Concen: 16.689 ng/ul
RT: 17.31 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:178 Resp: 500896

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	20.3	14.9	22.3



Instrument :
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ClientSampleId :
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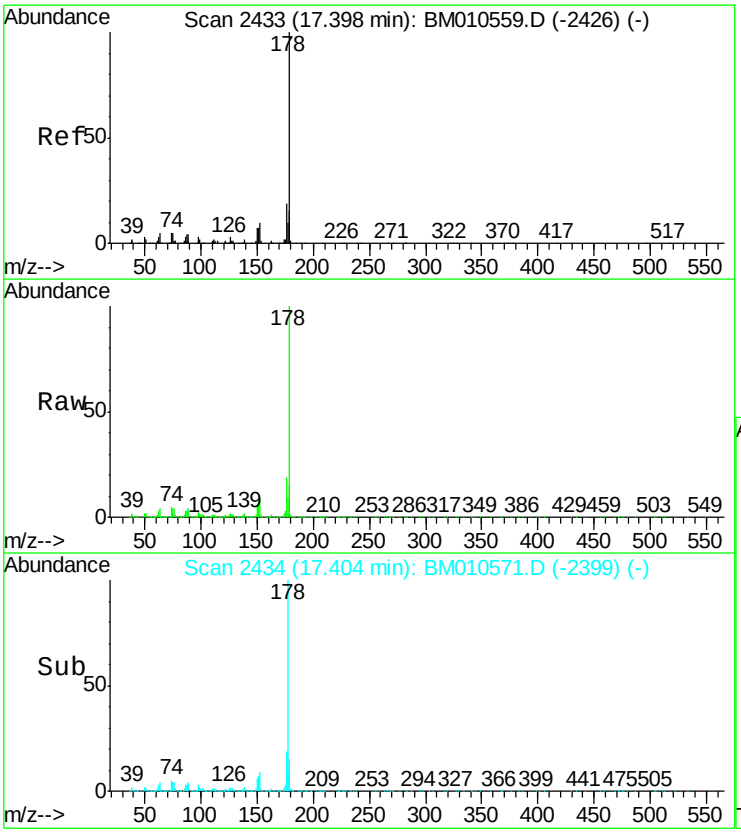
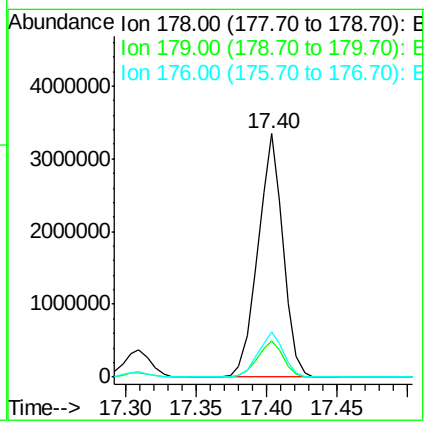
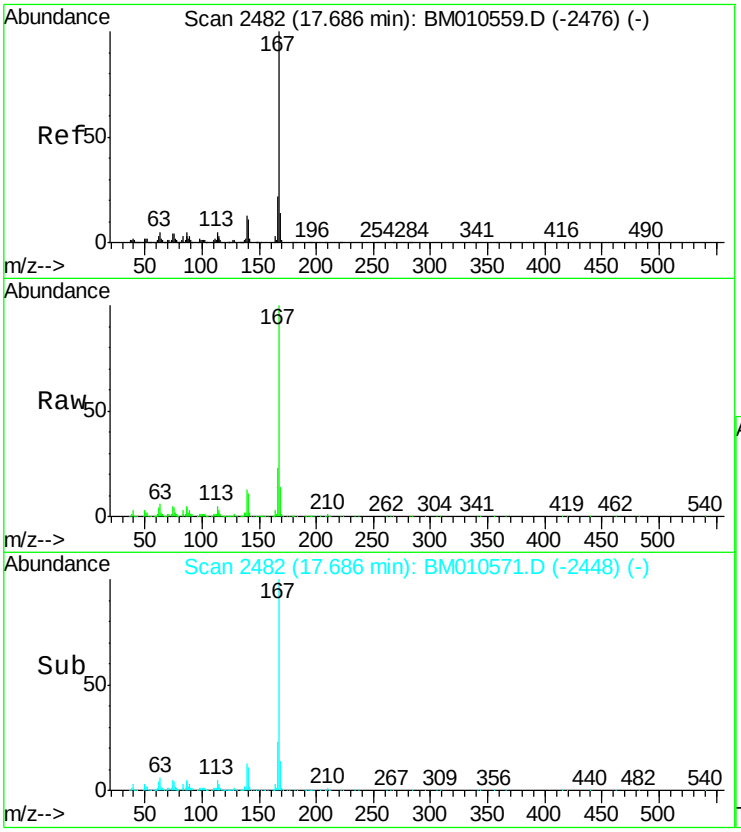


#71
Anthracene
Concen: 133.609 ng/ul
RT: 17.40 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:178 Resp: 4186401

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.8	14.6	21.8

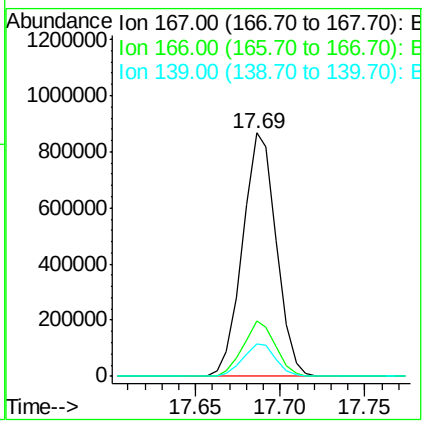




#72
Carbazole
Concen: 45.473 ng/ul
RT: 17.69 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:167 Resp: 1205983

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.1	25.7
139	13.4	10.0	15.0



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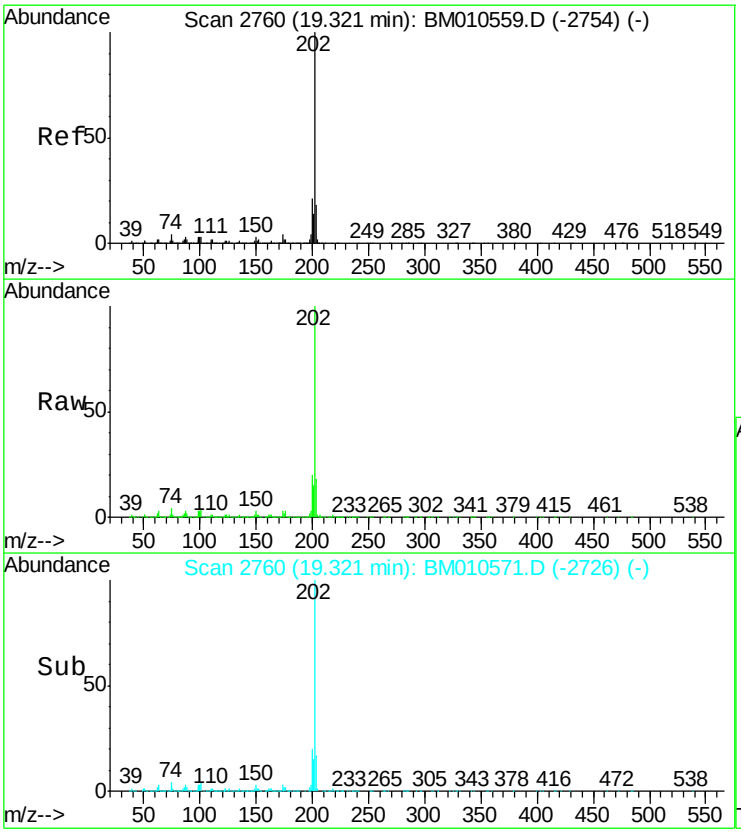
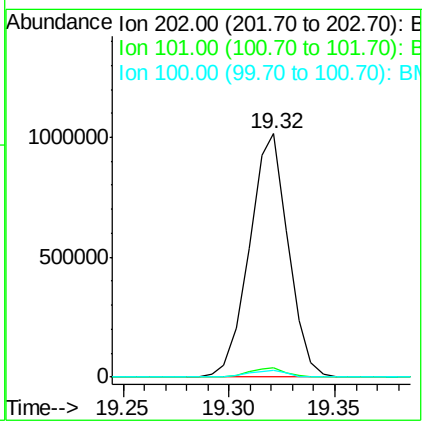
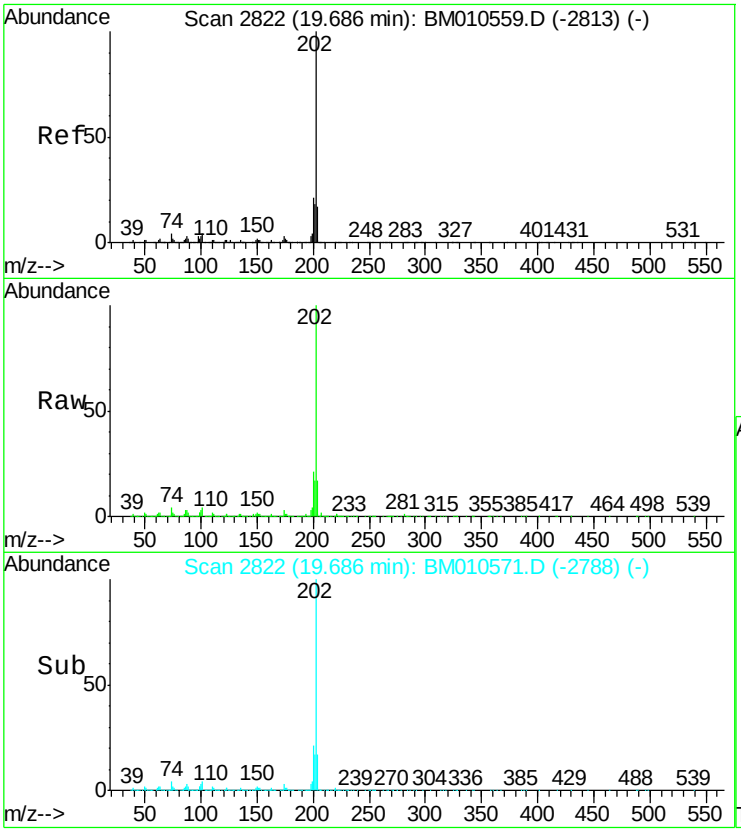


#74
Fluoranthene
Concen: 34.978 ng/ul
RT: 19.32 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:202 Resp: 1290988

Ion	Ratio	Lower	Upper
202	100		
101	3.7	4.6	7.0#
100	3.0	3.4	5.2#





#77
Pyrene
Concen: 25.361 ng/ul
RT: 19.69 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:202 Resp: 1157687

Ion	Ratio	Lower	Upper
202	100		
101	3.6	5.1	7.7#
100	3.3	4.9	7.3#

Instrument :
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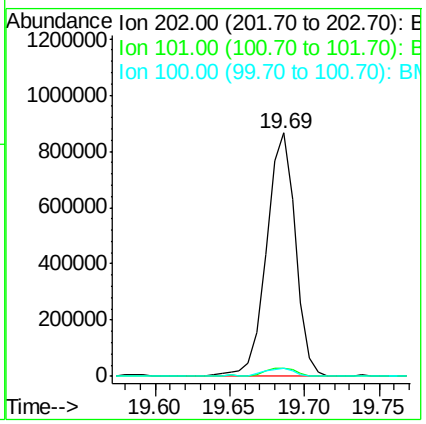
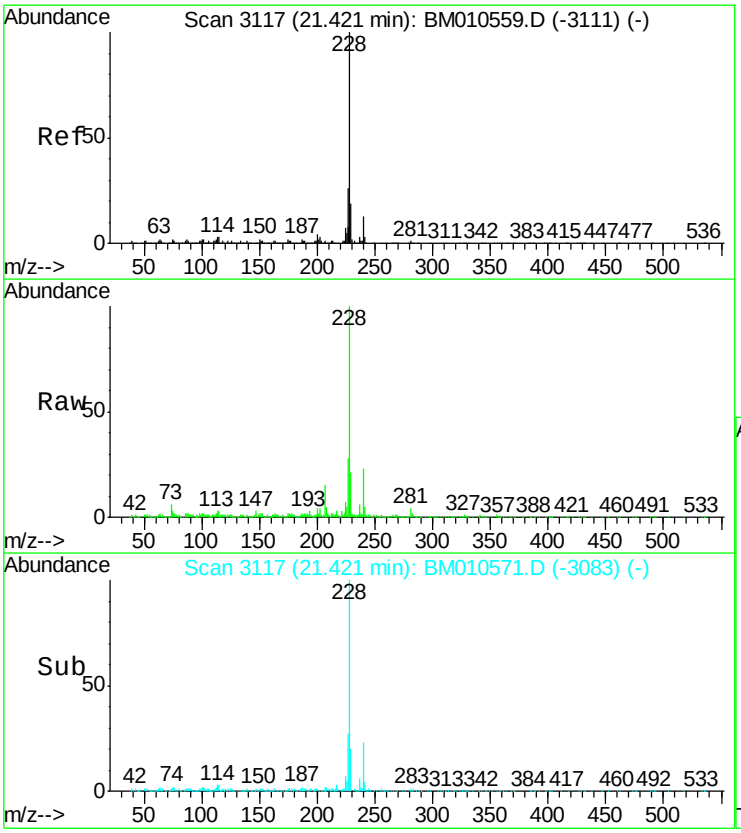
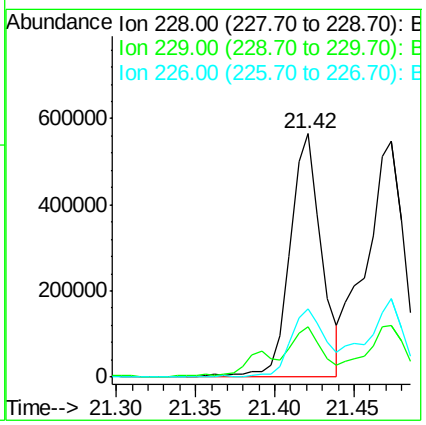


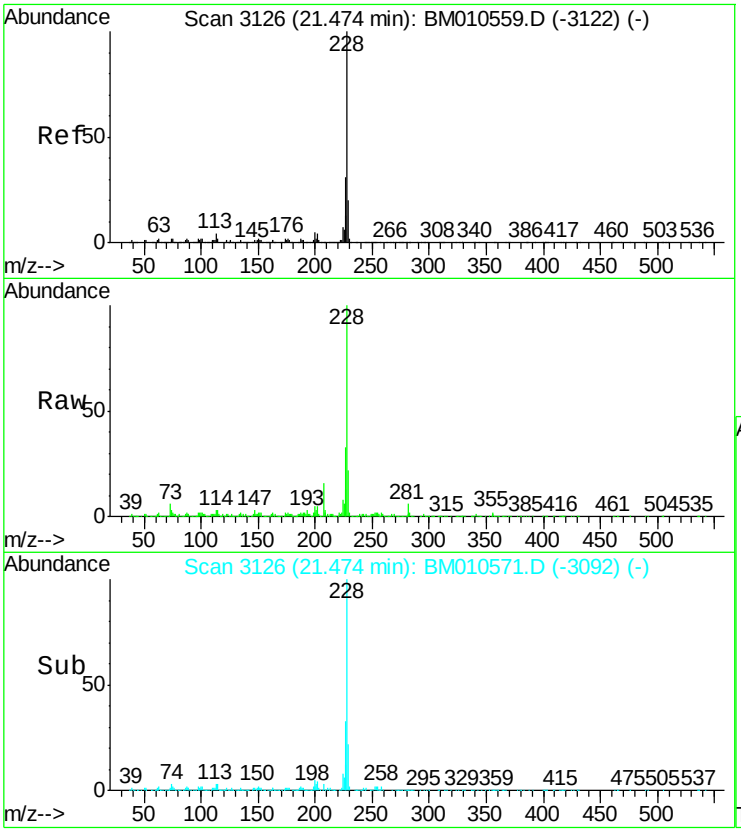


#80
Benzo(a)anthracene
Concen: 15.418 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:228 Resp: 770177

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	27.9	21.4	32.0

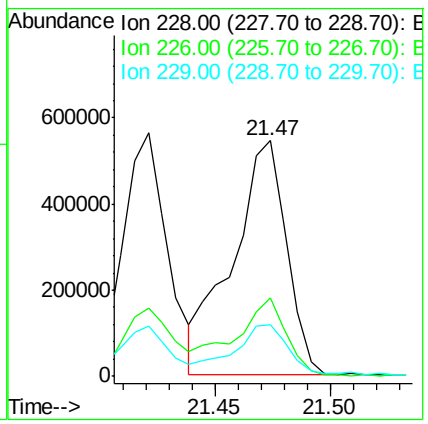




#82
Chrysene
Concen: 19.635 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:228 Resp: 886648

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.2
229	22.0	15.5	23.3



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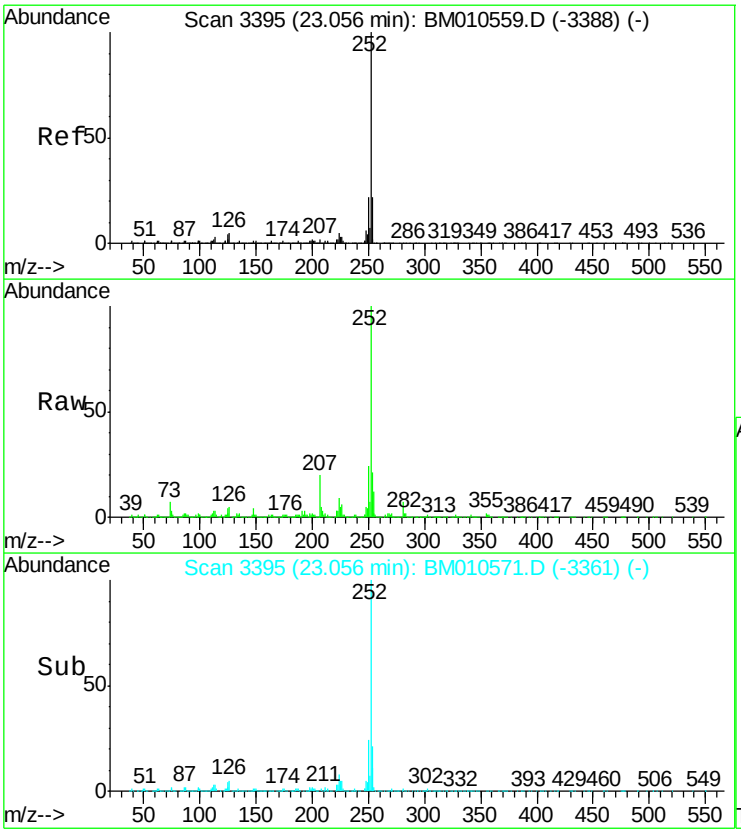
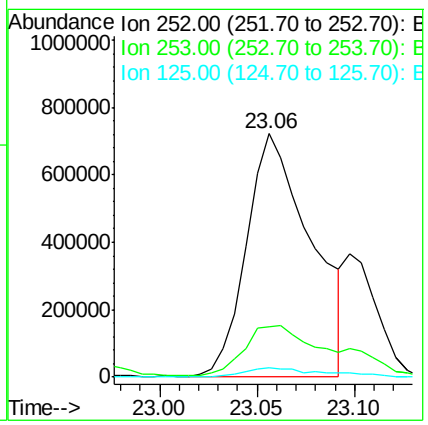
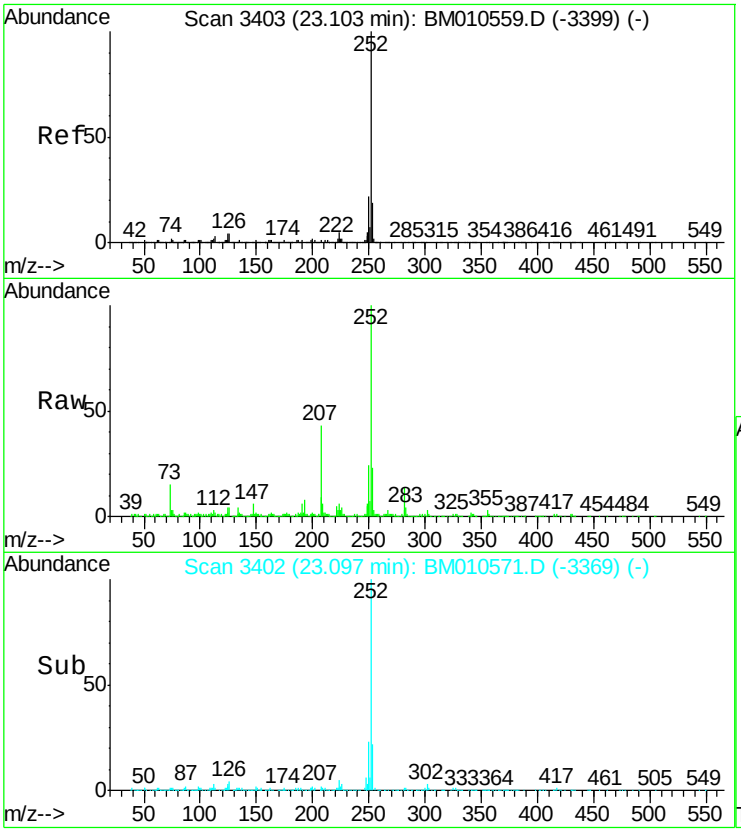


#85
Benzo(b)fluoranthene
Concen: 30.709 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:252 Resp: 1646734

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	4.1	3.6	5.4

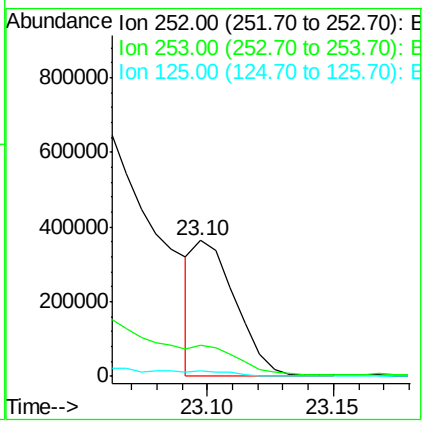




#86
Benzo(k)fluoranthene
Concen: 8.100 ng/ul m
RT: 23.10 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:252 Resp: 414963

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	3.6	3.4	5.2



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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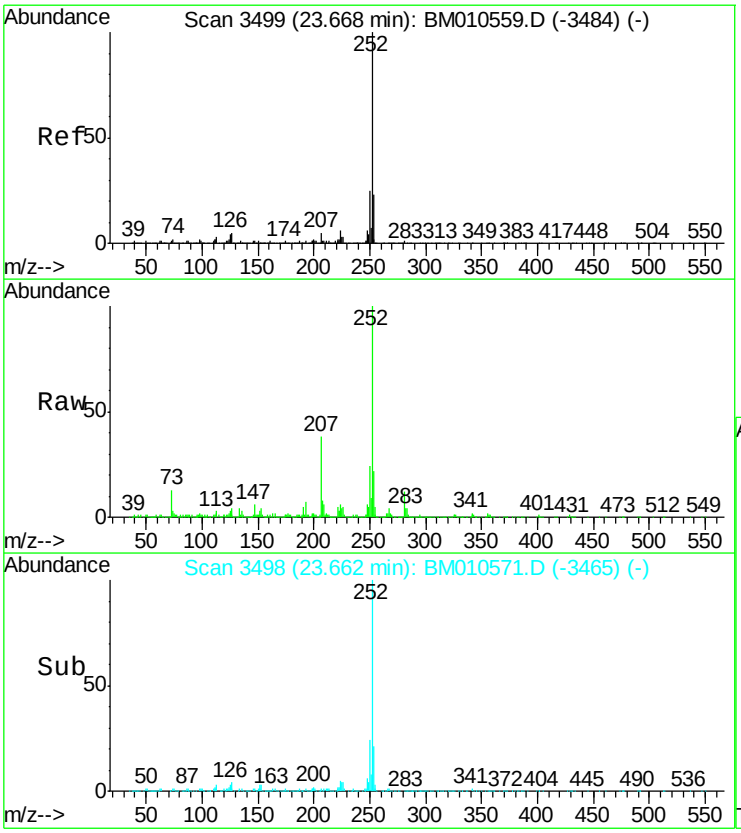
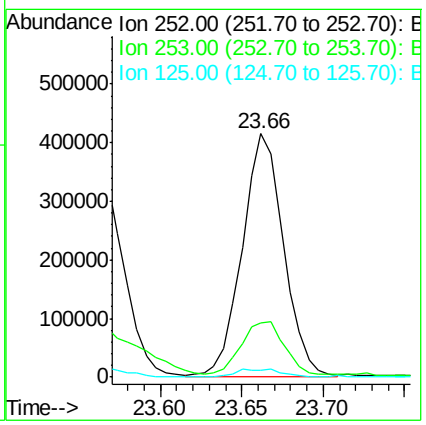
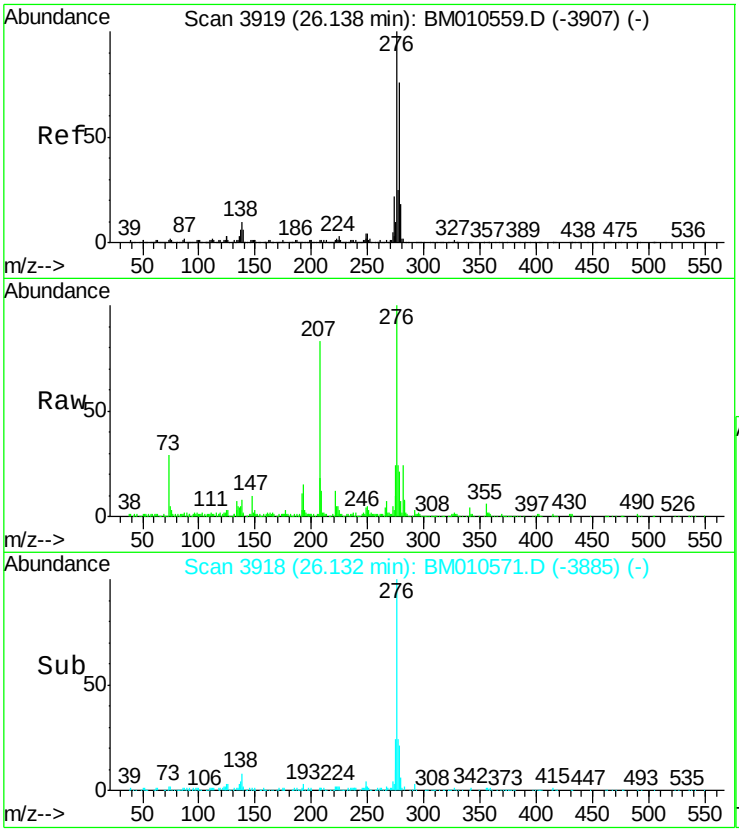


#88
Benzo(a)pyrene
Concen: 13.961 ng/ul m
RT: 23.66 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:252 Resp: 742082

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	3.0	4.0	6.0#

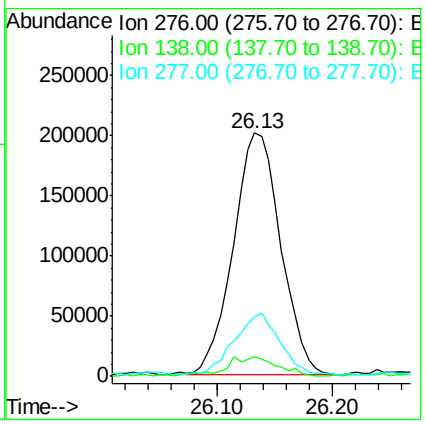




#89
Indeno(1,2,3-cd)pyrene
Concen: 8.524 ng/ul
RT: 26.13 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:276 Resp: 572425

Ion	Ratio	Lower	Upper
276	100		
138	8.2	9.3	13.9#
277	24.4	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
F5D31

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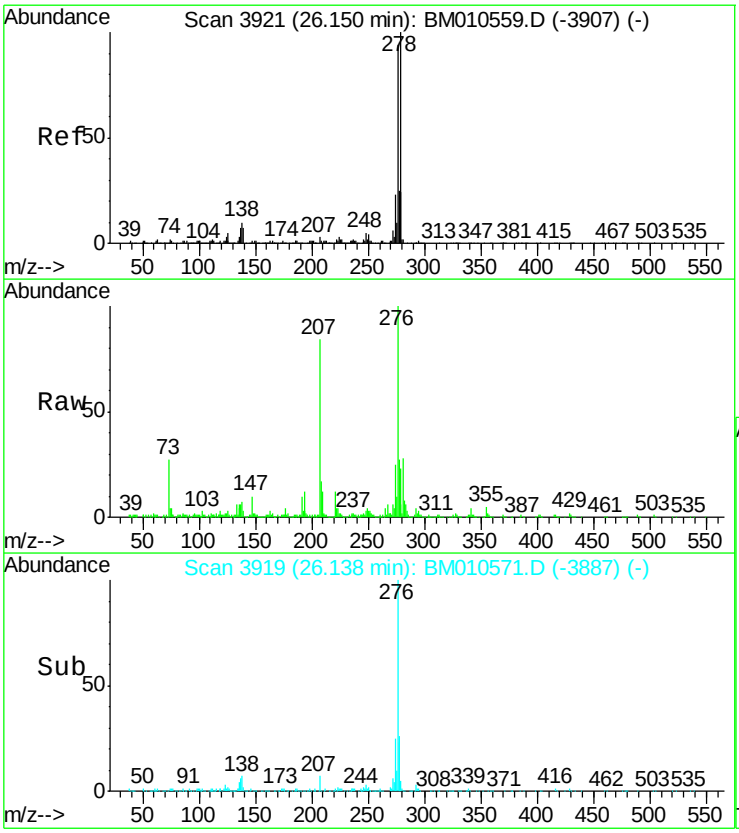
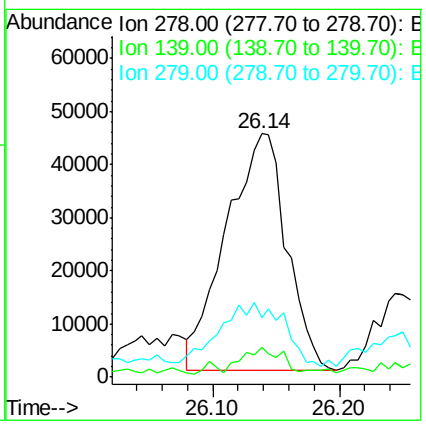
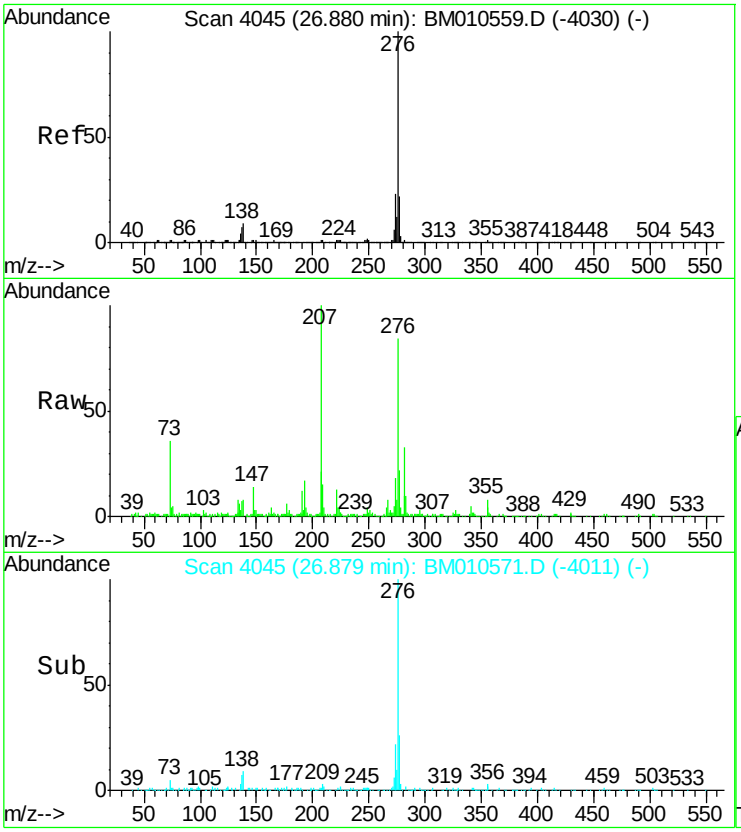


#90
Dibenzo(a,h)anthracene
Concen: 2.538 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:278 Resp: 146768

Ion	Ratio	Lower	Upper
278	100		
139	12.3	5.8	8.8#
279	24.4	18.6	27.8

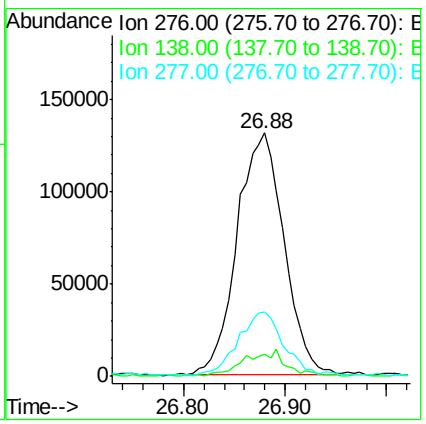




#91
Benzo(g,h,i)perylene
Concen: 7.596 ng/ul
RT: 26.88 min Scan# 4045
Delta R.T. -0.00 min
Lab File: BM010571.D
Acq: 13 Jun 2017 21:45

Tgt Ion:276 Resp: 420223

Ion	Ratio	Lower	Upper
276	100		
138	9.0	8.5	12.7
277	26.4	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
F5D31

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