Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Not Reviewed)

Data File : BM010553.D
Acq On : 13 Jun 2017 01:56
Operator : SJ/MA
Sample : I3522-18DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 13 03:36:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	115672	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	396929	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	299440	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	849094	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1343467	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1312044	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	1279	0.45	ng/uL	0.01
5) Phenol-d5	7.07	99	26541	3.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	16693	3.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	25497	3.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	24382	3.45	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	7191	2.47	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.79	143	11487	3.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	29807	4.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	28957	4.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	121308	4.88	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	122508	4.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	7420	1.99	ng/ul	0.00
57) Fluorene-d10	15.52	176	107730	4.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	12883	2.14	ng/ul	0.01
70) Anthracene-d10	17.37	188	190403	4.61	ng/ul	0.00
76) Pyrene-d10	19.66	212	266933	4.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	289813	4.74	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.74	128	41296	2.07	ng/ul	97
34) 2-Methylnaphthalene	12.34	142	420020	27.83	ng/ul	94
40) 1,1'-Biphenyl	13.35	154	225343	9.28	ng/ul	95
44) Dimethylphthalate	13.99	163	70242	2.87	ng/ul	99
47) Acenaphthylene	14.24	152	69169	2.44	ng/ul#	86
49) Acenaphthene	14.59	153	1874747	94.25	ng/ul	98
53) Dibenzofuran	14.93	168	2447431	83.21	ng/ul	93
54) 2,4-Dinitrotoluene	14.91	165	6780	1.03	ng/ul#	1
58) Fluorene	15.57	166	2800746	116.08	ng/ul	99
69) Phenanthrene	17.41	178	1771088	39.07	ng/ul	98
71) Anthracene	17.41	178	1771088	37.43	ng/ul	98
72) Carbazole	17.69	167	66072	1.65	ng/ul#	82
74) Fluoranthene	19.33	202	11397606	204.47	ng/ul	99
77) Pyrene	19.69	202	7747565	111.91	ng/ul#	95
80) Benzo(a)anthracene	21.43	228	2816516	37.18	ng/ul	98
82) Chrysene	21.48	228	2011703	29.37	ng/ul	96
85) Benzo(b)fluoranthene	23.06	252	2253944	29.52	ng/ul#	99
86) Benzo(k)fluoranthene	23.06	252	2253944	30.90	ng/ul	99
88) Benzo(a)pyrene	23.57	252	845777	11.18	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.14	276	553517	5.79	ng/ul#	93
91) Benzo(g,h,i)perylene	26.88	276	404799	5.14	ng/ul	98

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Not Reviewed)

Data File : BM010553.D
Acq On : 13 Jun 2017 01:56
Operator : SJ/MA
Sample : I3522-18DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 13 03:36:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

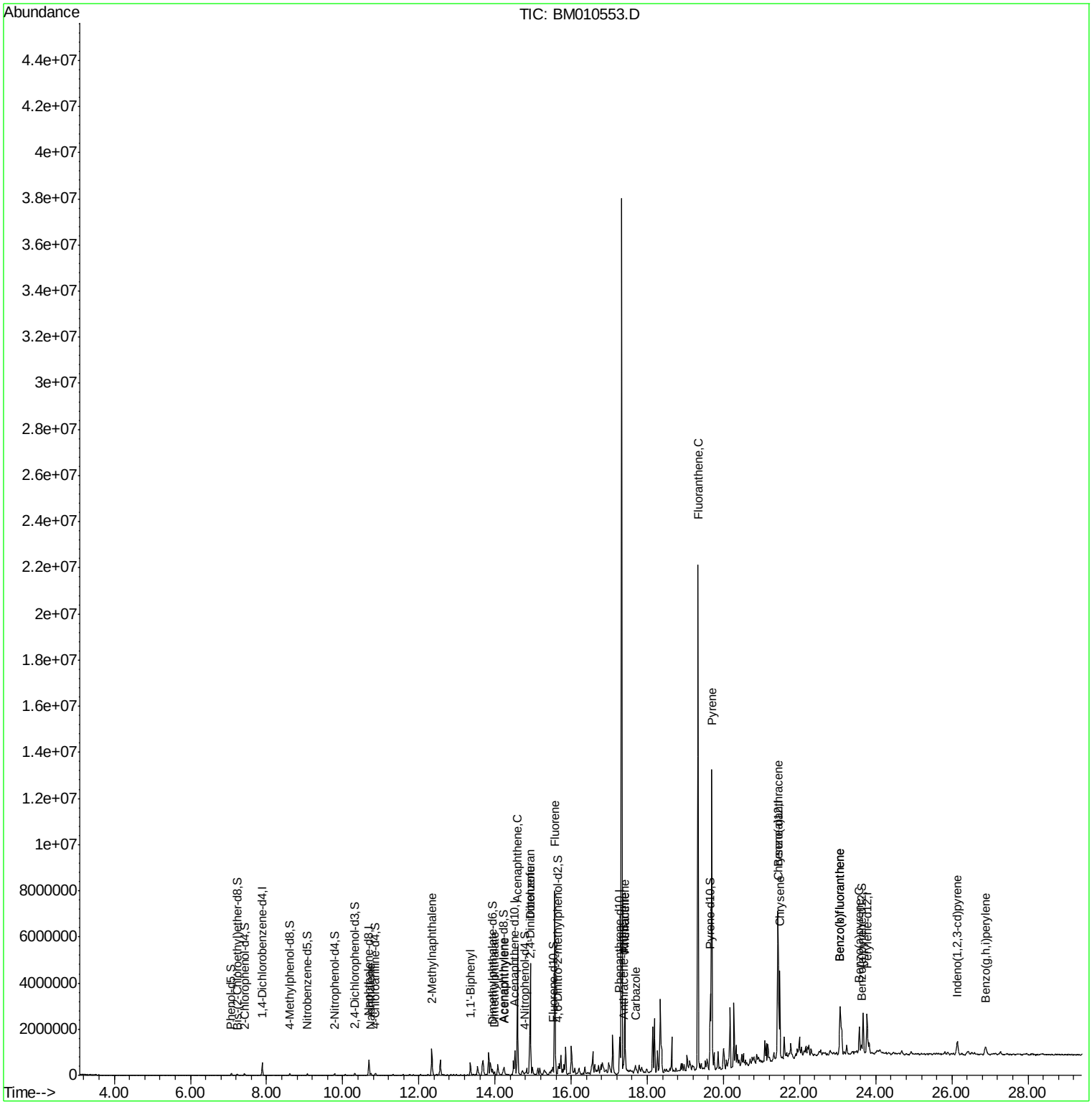
(#) = qualifier out of range (m) = manual integration (+) = signals summed

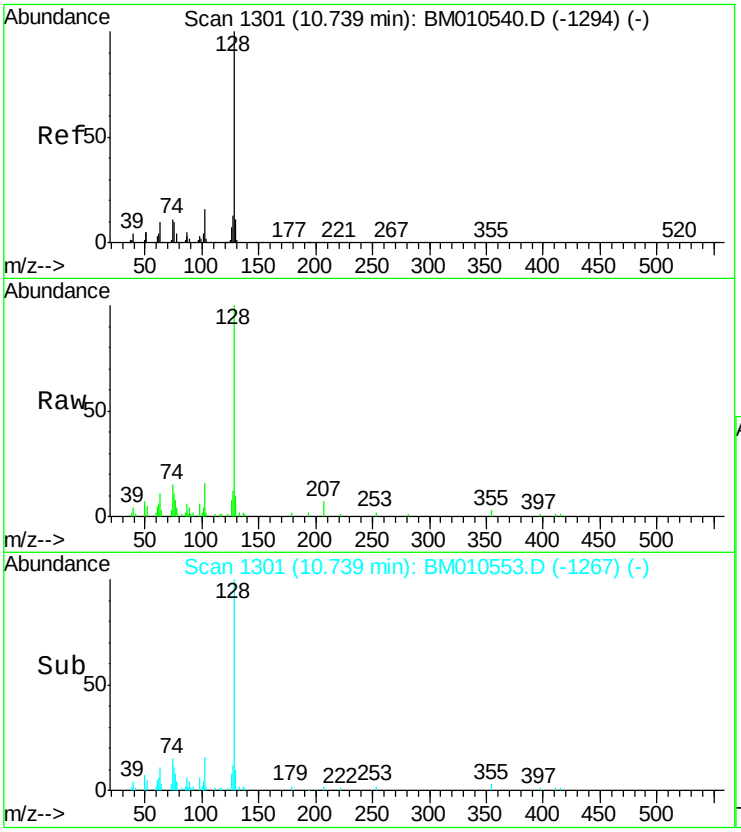
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Not Reviewed)

Data File : BM010553.D
Acq On : 13 Jun 2017 01:56
Operator : SJ/MA
Sample : I3522-18DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 13 03:36:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

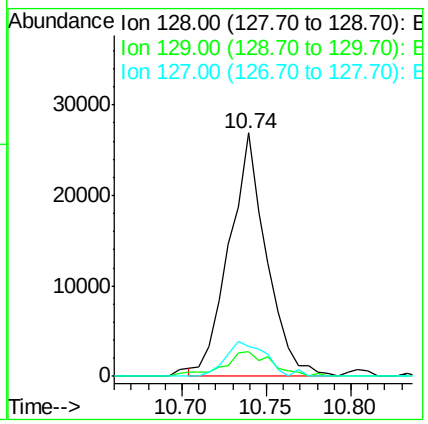


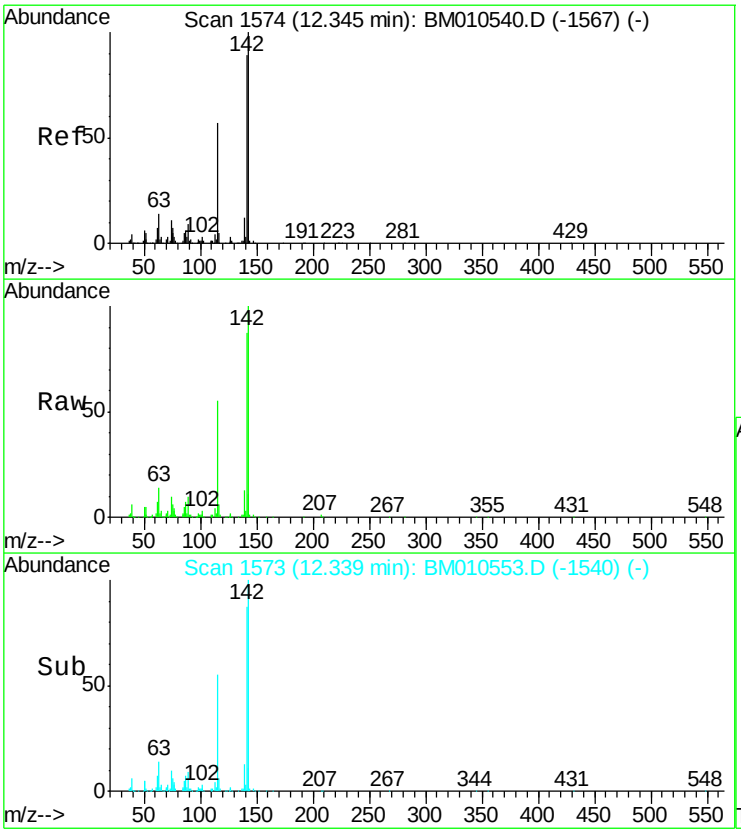


#28
Naphthalene
Concen: 2.07 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:128 Resp: 41296

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.8	13.2
127	12.2	10.6	16.0

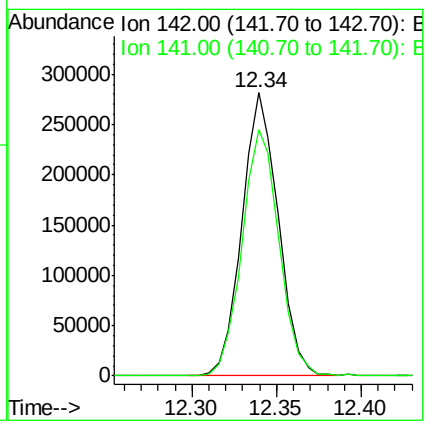


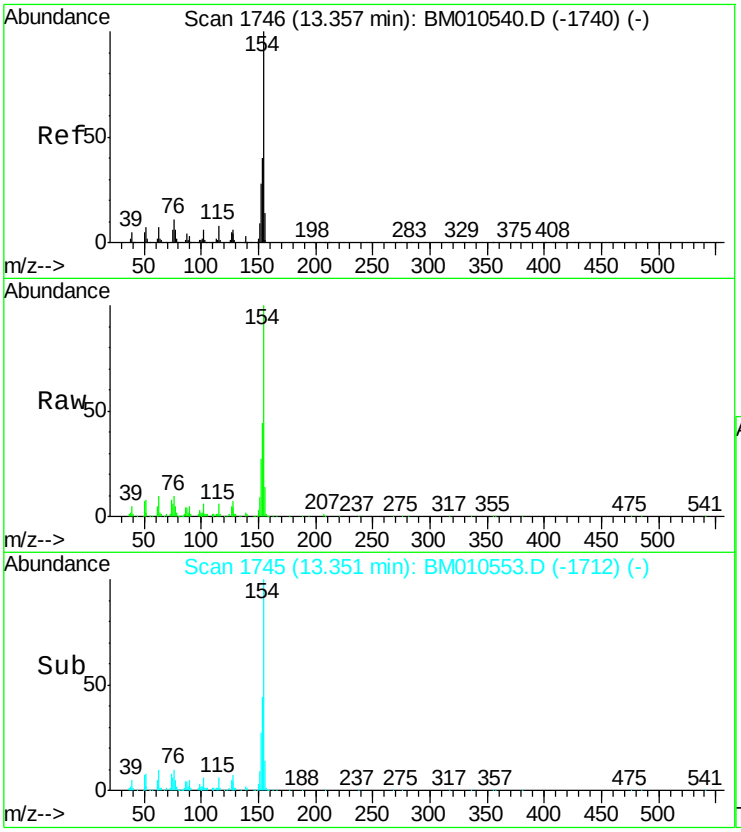


#34
2-Methylnaphthalene
Concen: 27.83 ng/ul
RT: 12.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:142 Resp: 420020

Ion	Ratio	Lower	Upper
142	100		
141	86.9	74.1	111.1

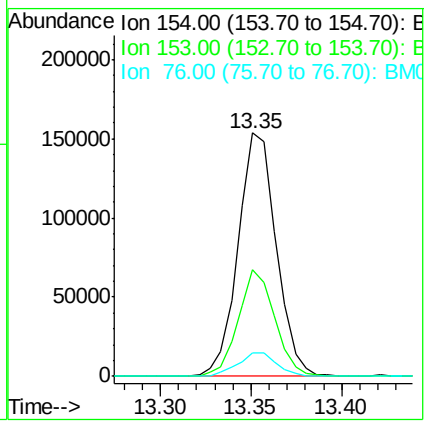


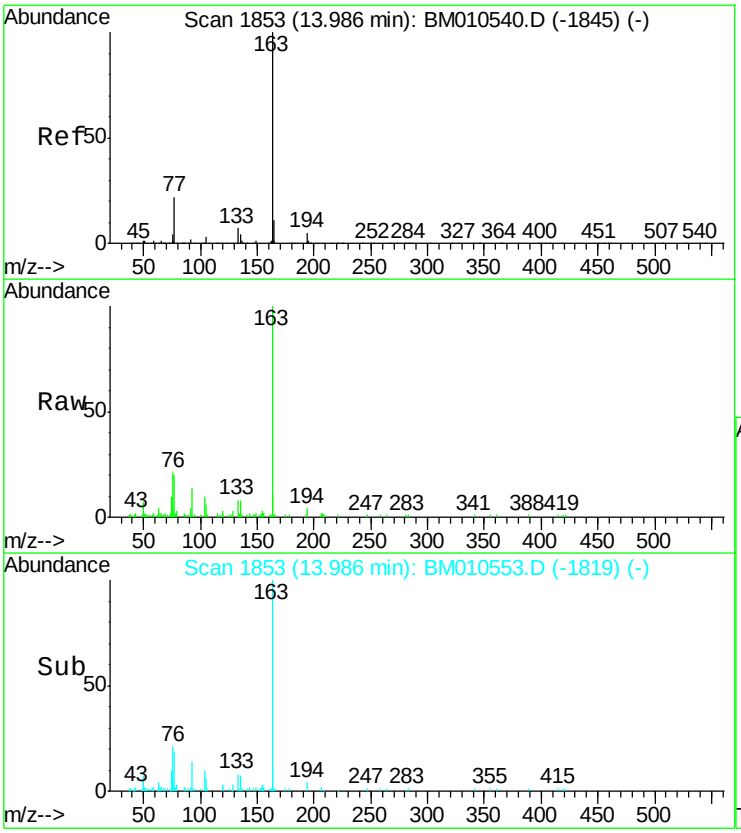


#40
1,1'-Biphenyl
Concen: 9.28 ng/ul
RT: 13.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:154 Resp: 225343

Ion	Ratio	Lower	Upper
154	100		
153	44.1	32.6	48.8
76	9.6	8.5	12.7

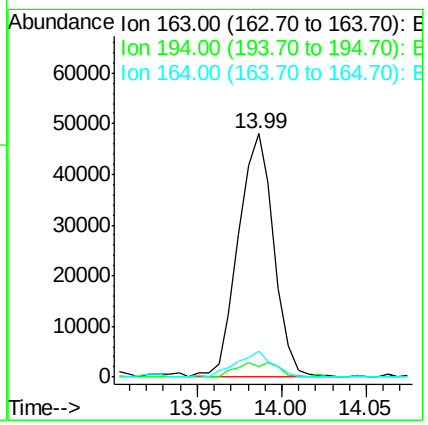


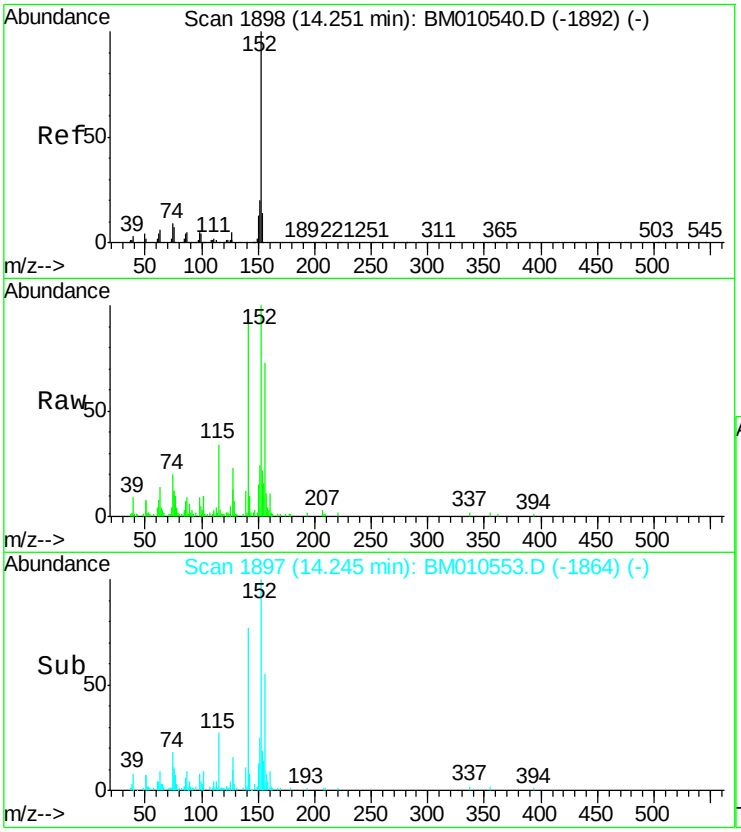


#44
Dimethylphthalate
Concen: 2.87 ng/ul
RT: 13.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:163 Resp: 70242

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.9	8.2	12.4

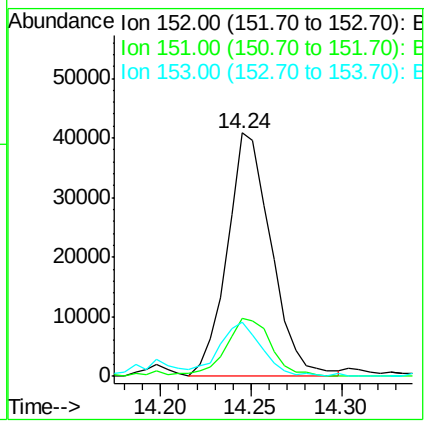


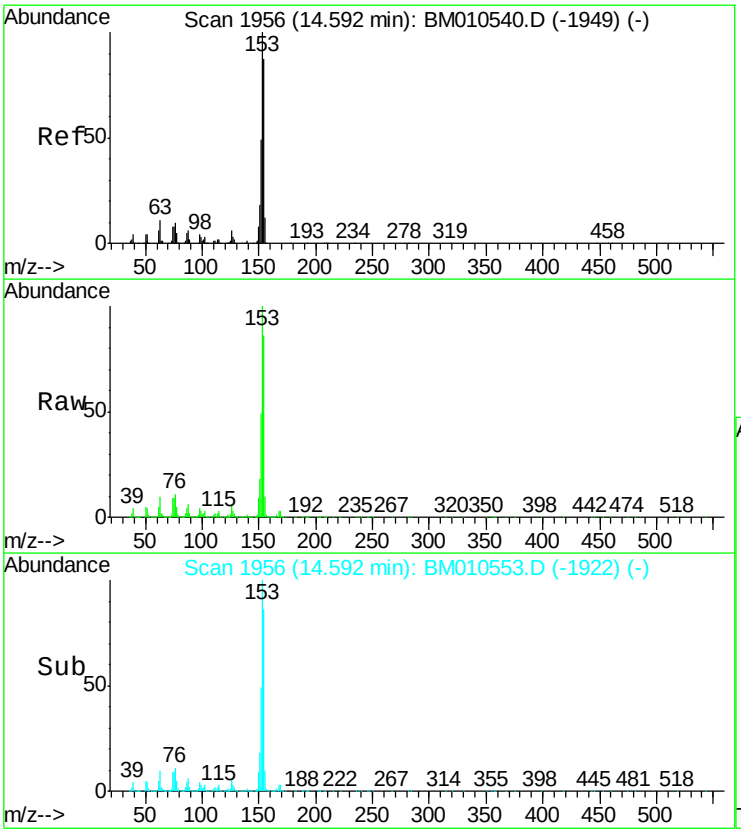


#47
Acenaphthylene
Concen: 2.44 ng/ul
RT: 14.24 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:152 Resp: 69169

Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.3	24.5
153	22.5	10.2	15.4#

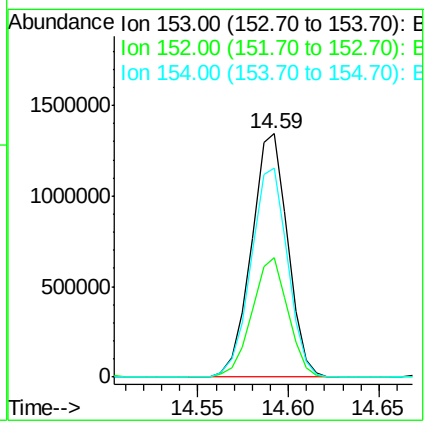


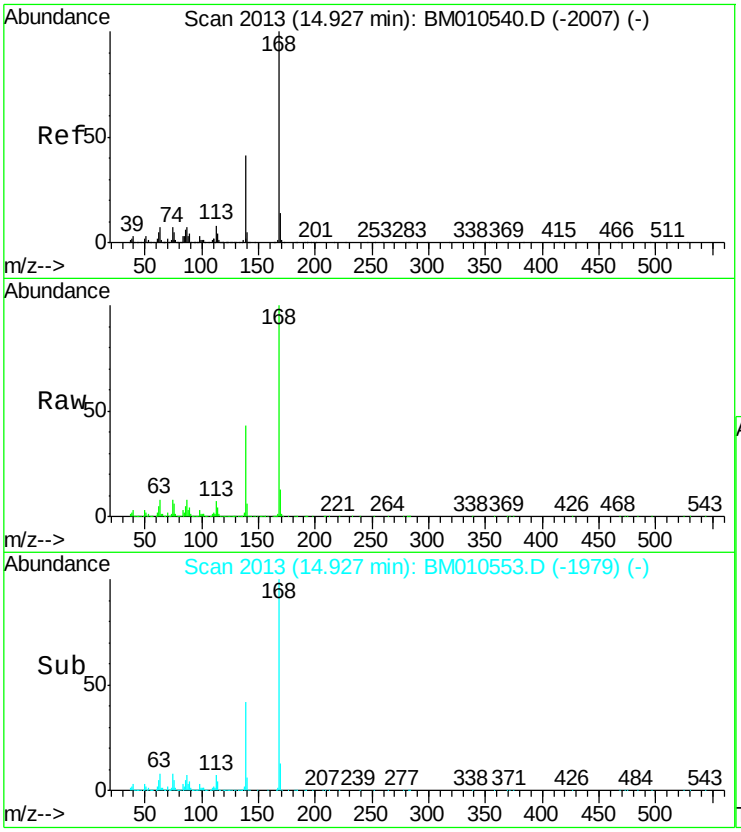


#49
Acenaphthene
Concen: 94.25 ng/ul
RT: 14.59 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:153 Resp: 1874747

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.6	56.4
154	86.1	70.4	105.6

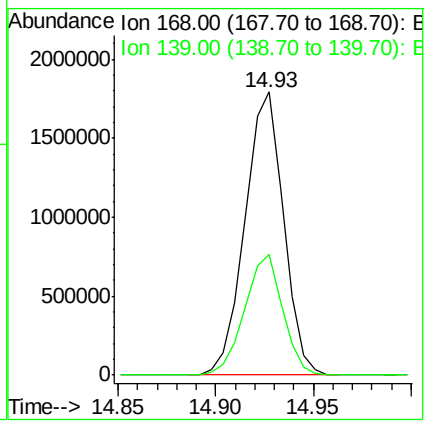


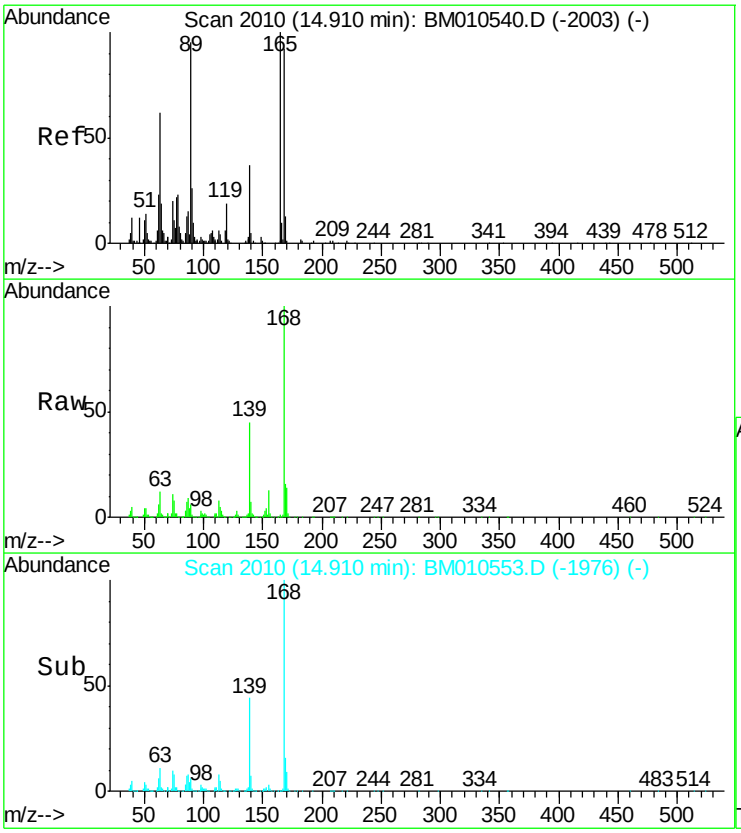


#53
Dibenzofuran
Concen: 83.21 ng/ul
RT: 14.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:168 Resp: 2447431

Ion	Ratio	Lower	Upper
168	100		
139	42.6	30.8	46.2

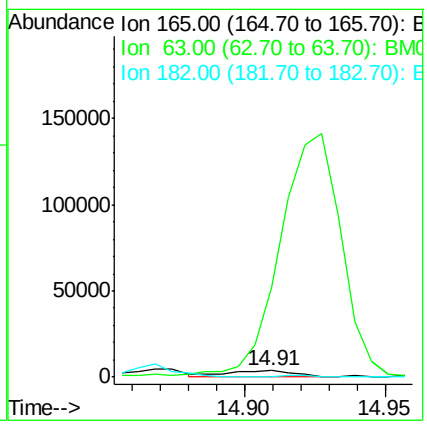


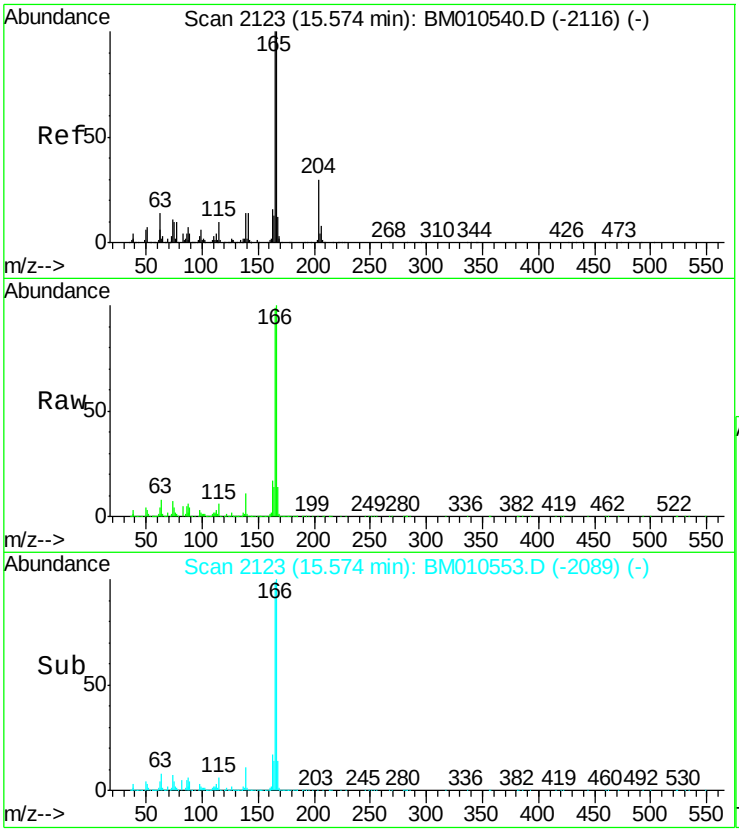


#54
2,4-Dinitrotoluene
Concen: 1.03 ng/ul
RT: 14.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:165 Resp: 6780

Ion	Ratio	Lower	Upper
165	100		
63	1410.8	45.8	68.8#
182	0.0	2.6	4.0#

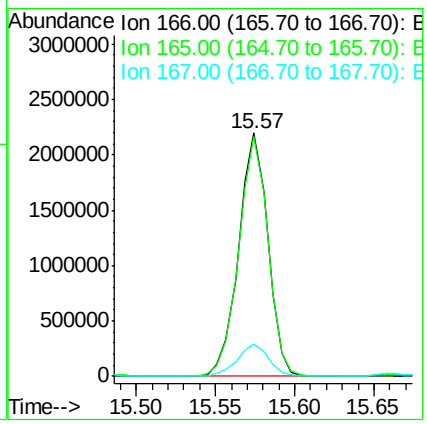


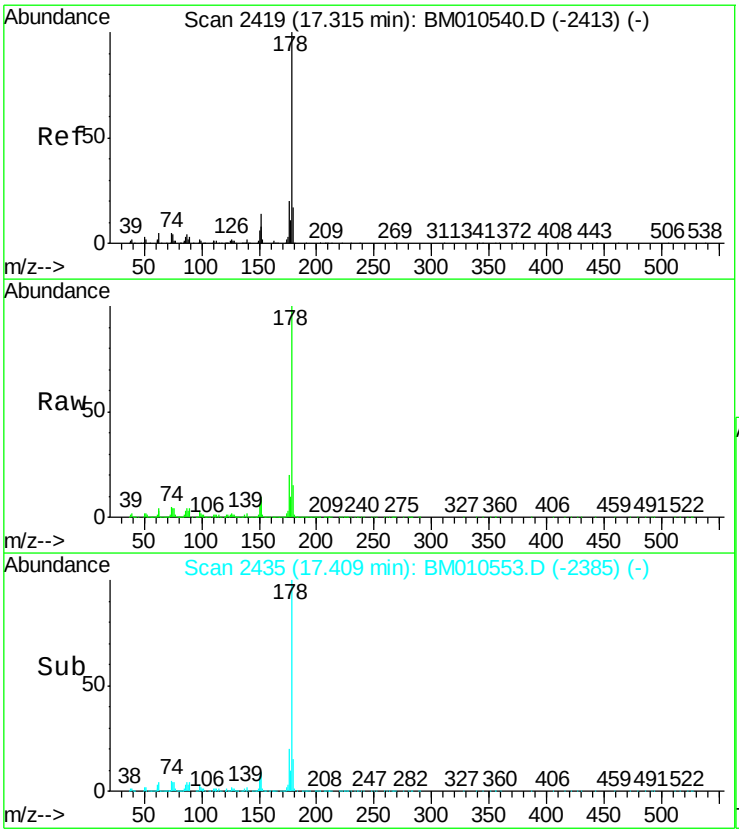


#58
Fluorene
Concen: 116.08 ng/ul
RT: 15.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:166 Resp: 2800746

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.9	116.9
167	13.5	10.6	16.0

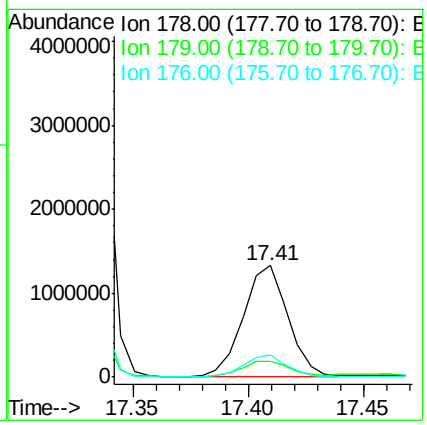


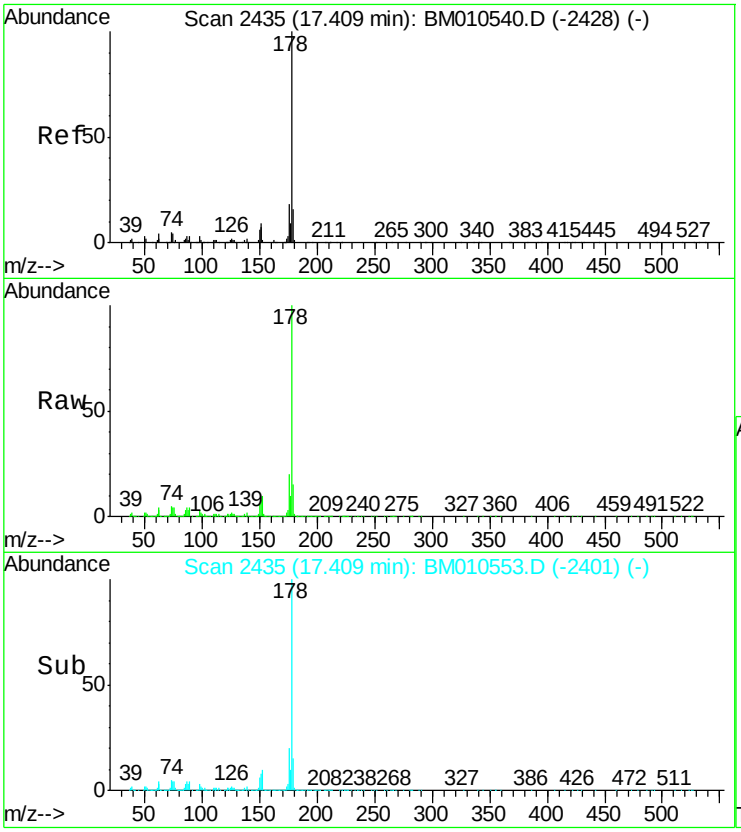


#69
Phenanthrene
Concen: 39.07 ng/ul
RT: 17.41 min Scan# 2435
Delta R.T. 0.09 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:178 Resp: 1771088

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	19.6	14.9	22.3

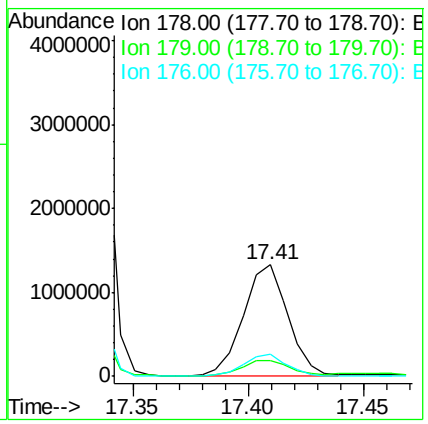


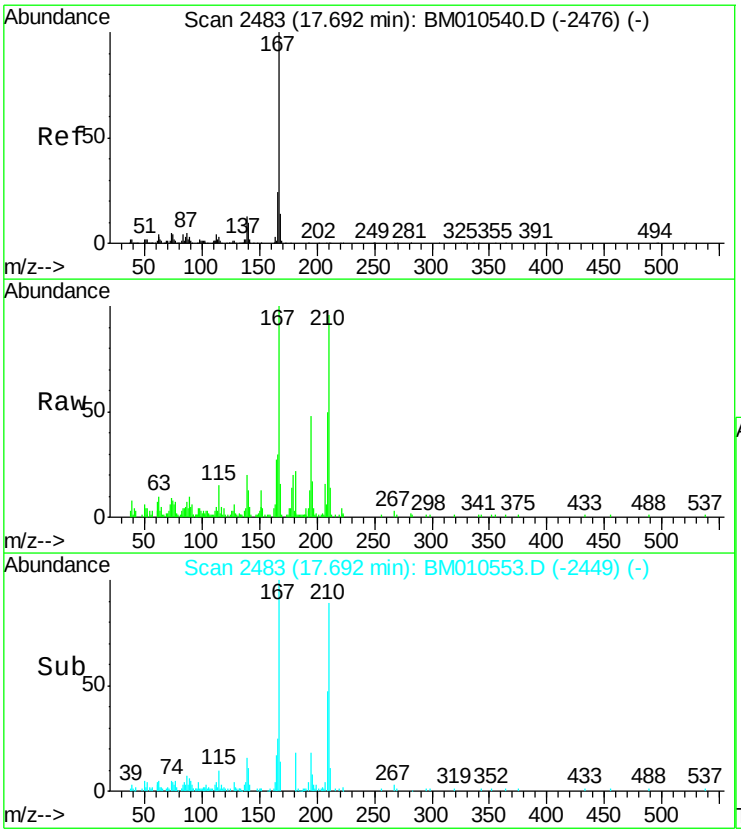


#71
Anthracene
Concen: 37.43 ng/ul
RT: 17.41 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:178 Resp: 1771088

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	19.6	14.6	21.8

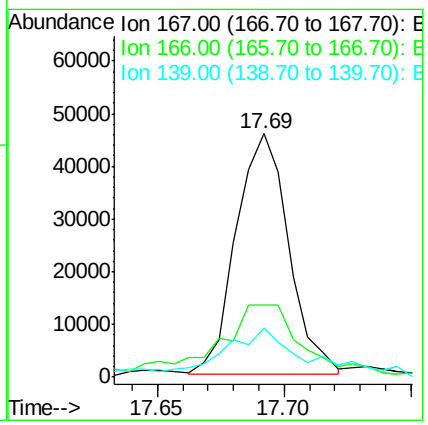


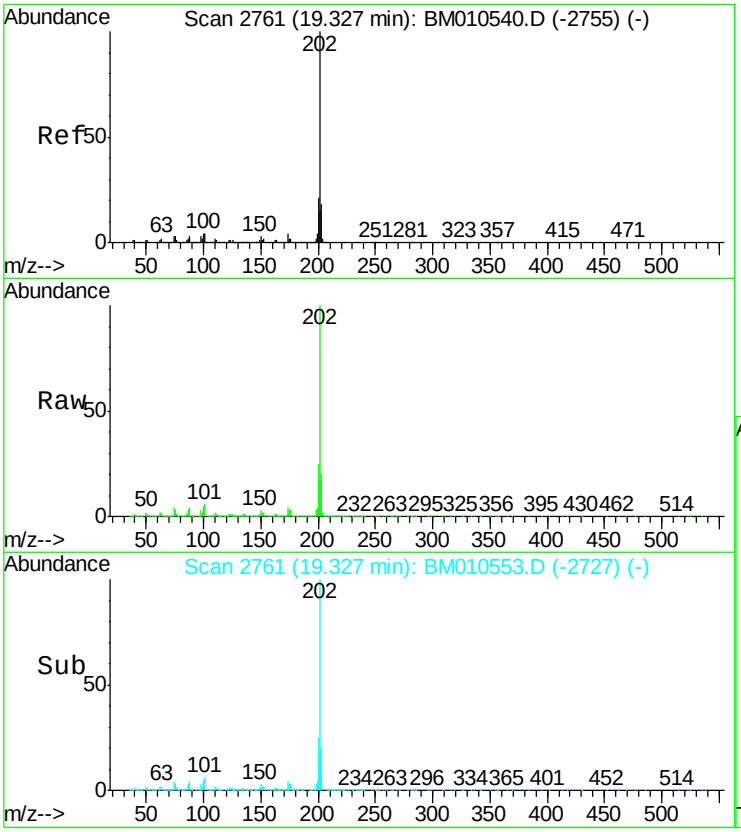


#72
Carbazole
Concen: 1.65 ng/ul
RT: 17.69 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:167 Resp: 66072

Ion	Ratio	Lower	Upper
167	100		
166	29.5	17.1	25.7#
139	19.9	10.0	15.0#

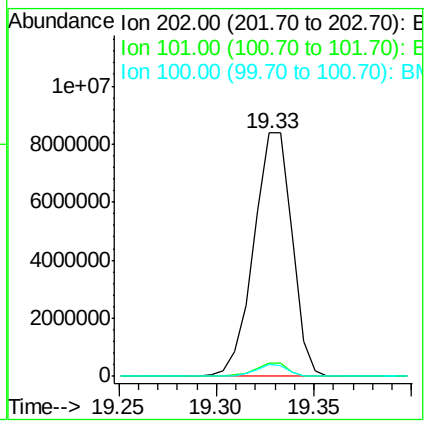


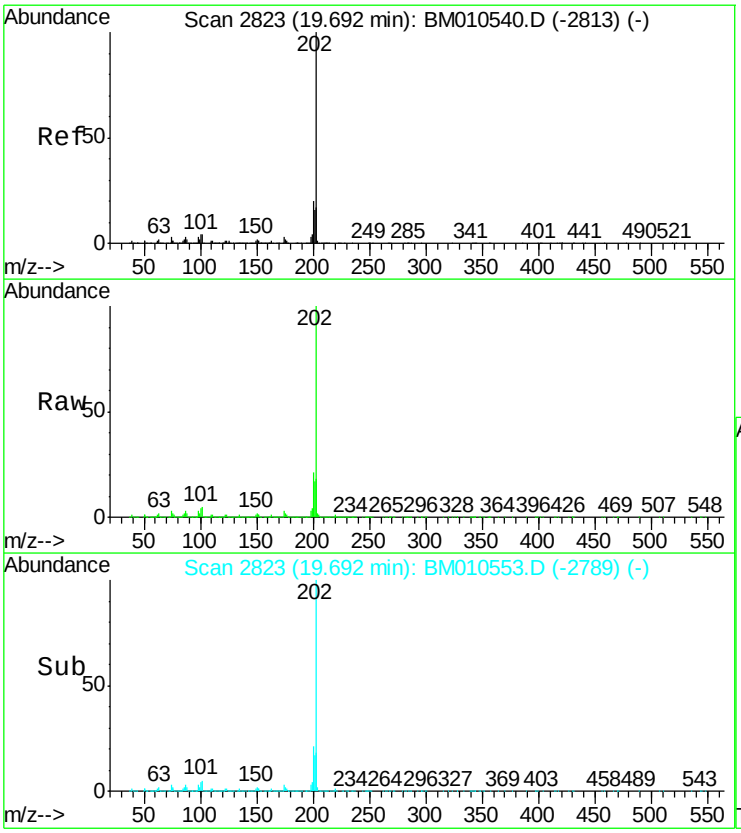


#74
Fluoranthene
Concen: 204.47 ng/ul
RT: 19.33 min Scan# 2761
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:202 Resp:11397606

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	7.0
100	4.8	3.4	5.2

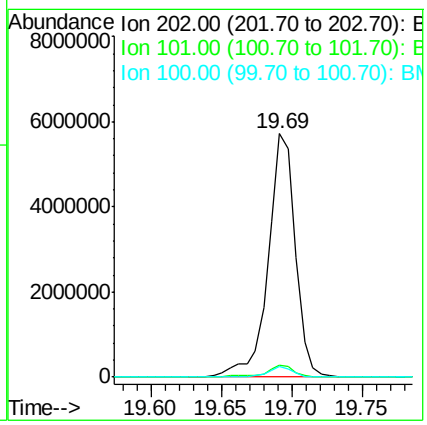


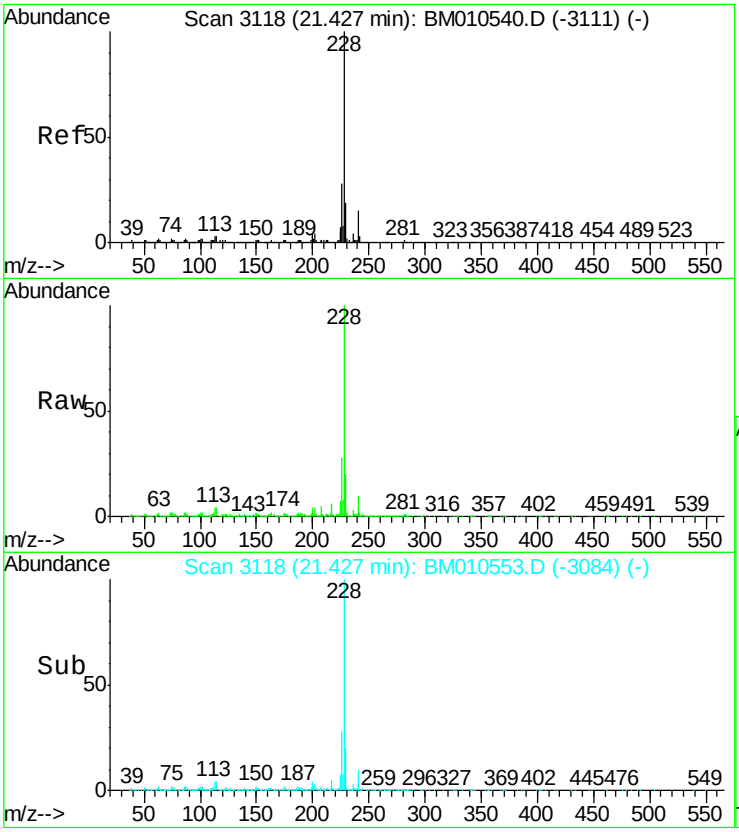


#77
Pyrene
Concen: 111.91 ng/ul
RT: 19.69 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:202 Resp: 7747565

Ion	Ratio	Lower	Upper
202	100		
101	4.8	5.1	7.7#
100	4.3	4.9	7.3#

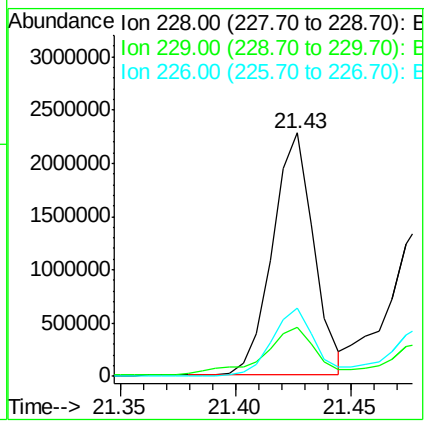


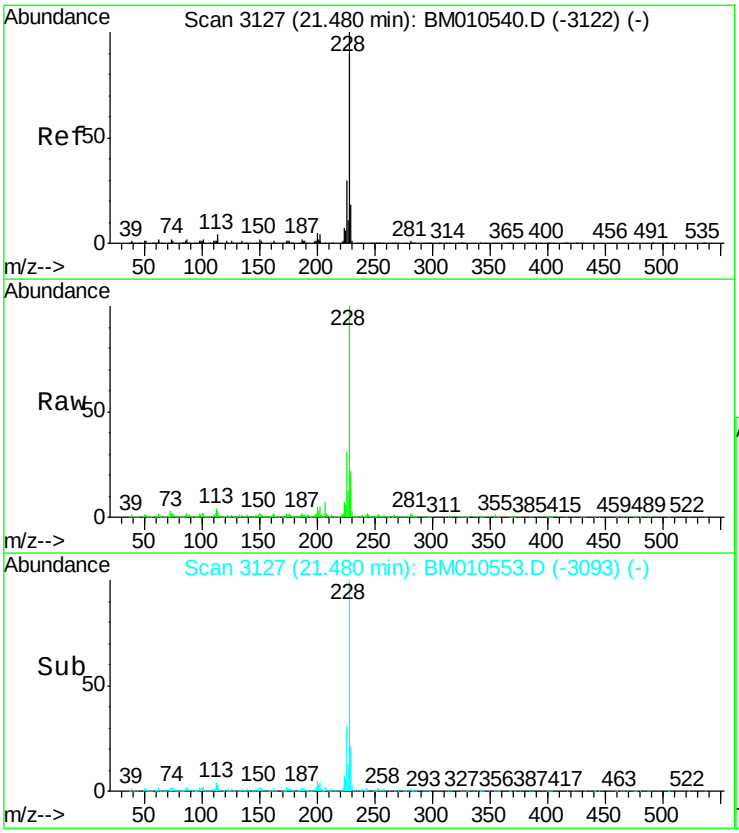


#80
Benzo(a)anthracene
Concen: 37.18 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:228 Resp: 2816516

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.0
226	28.1	21.4	32.0

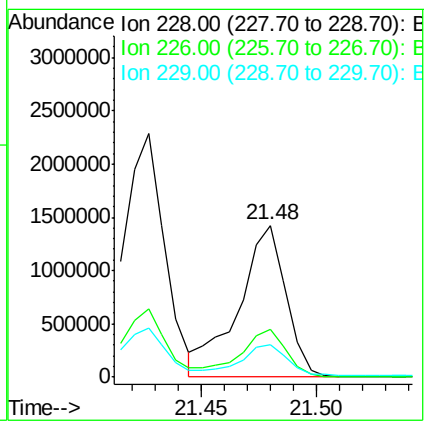


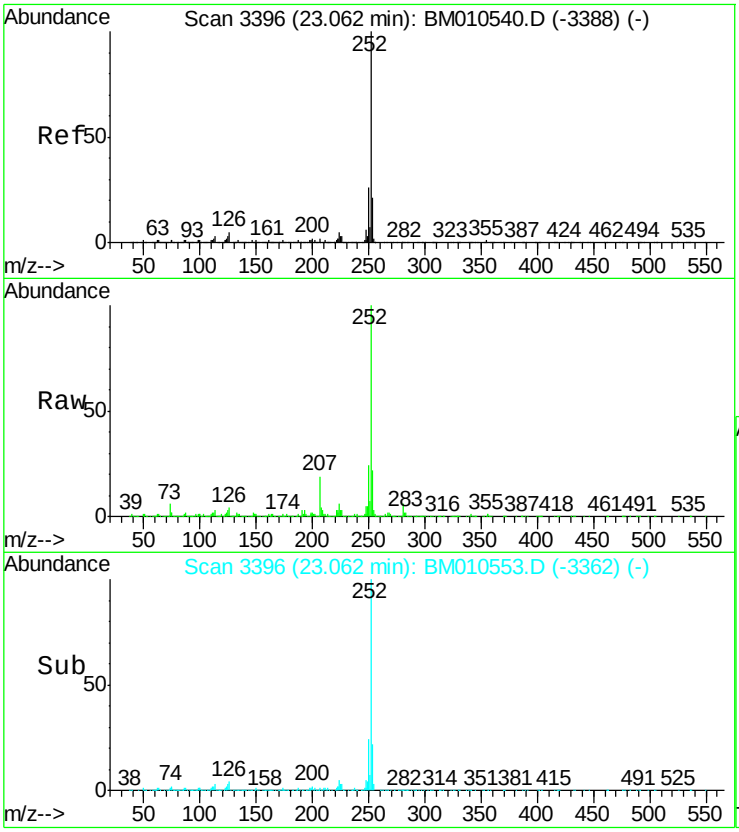


#82
Chrysene
Concen: 29.37 ng/ul
RT: 21.48 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:228 Resp: 2011703

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	21.7	15.5	23.3

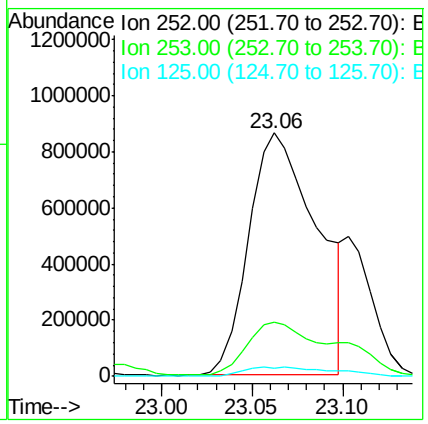


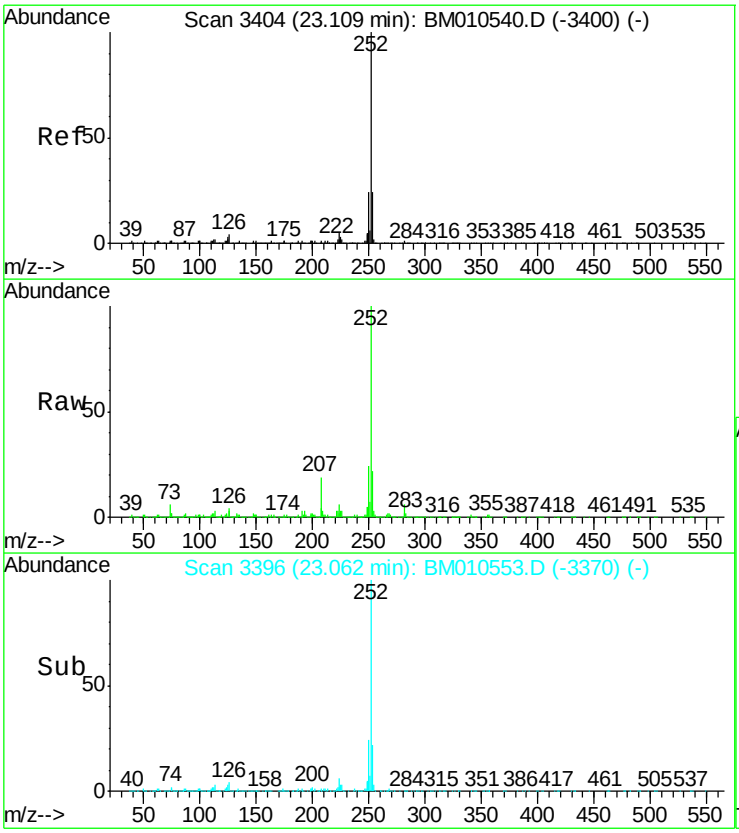


#85
Benzo(b)fluoranthene
Concen: 29.52 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. 0.00 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:252 Resp: 2253944

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	3.4	3.6	5.4#

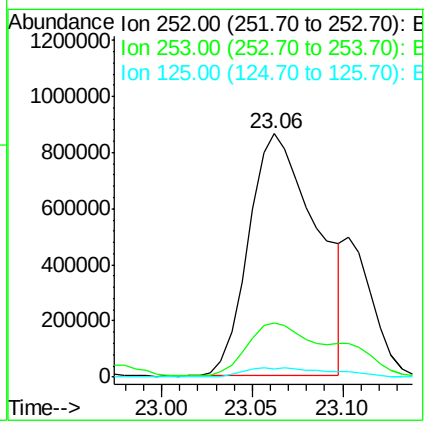


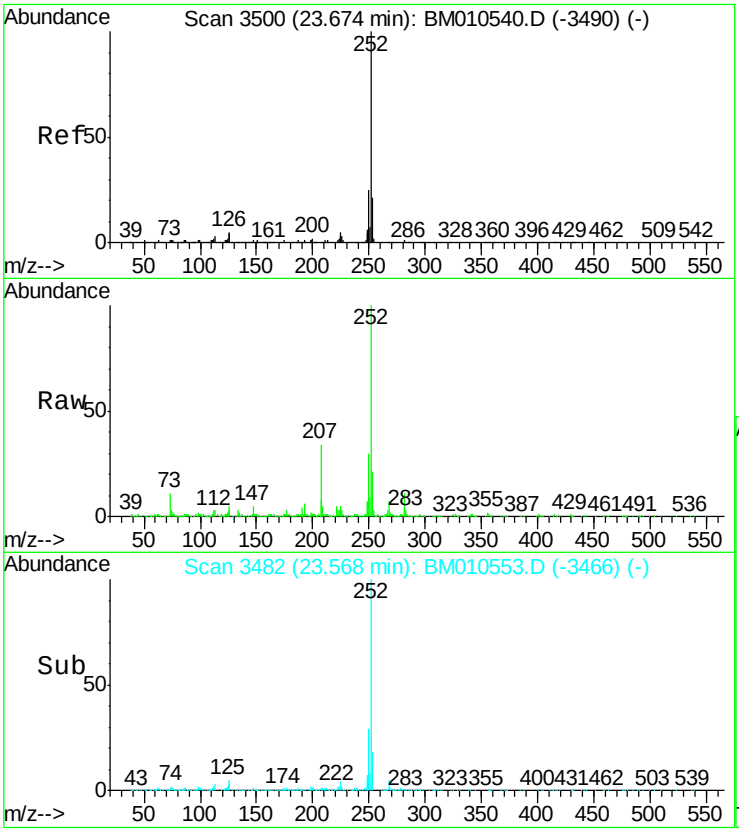


#86
Benzo(k)fluoranthene
Concen: 30.90 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:252 Resp: 2253944

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

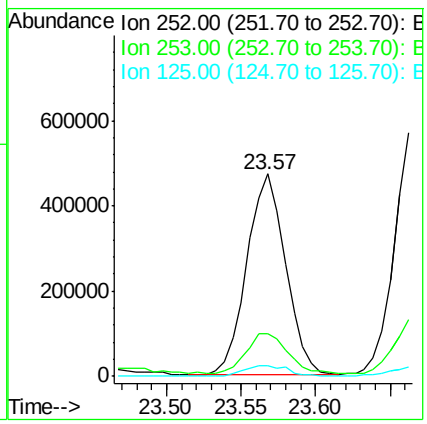


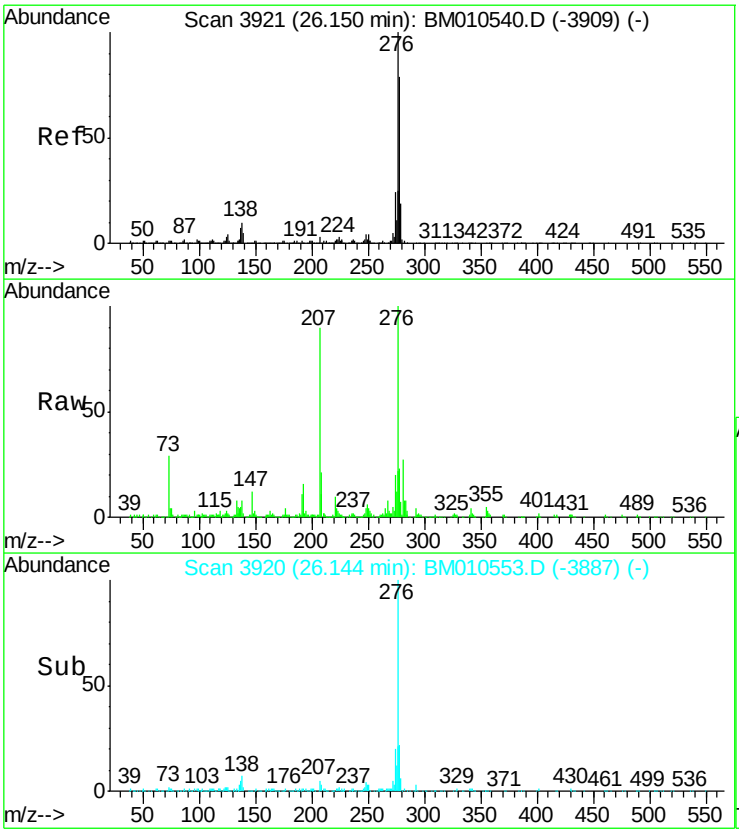


#88
Benzo(a)pyrene
Concen: 11.18 ng/ul
RT: 23.57 min Scan# 3482
Delta R.T. -0.11 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:252 Resp: 845777

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	5.2	4.0	6.0

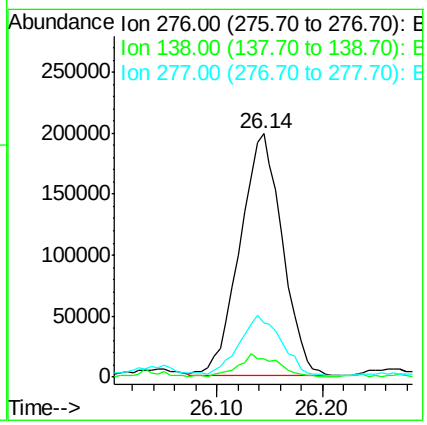


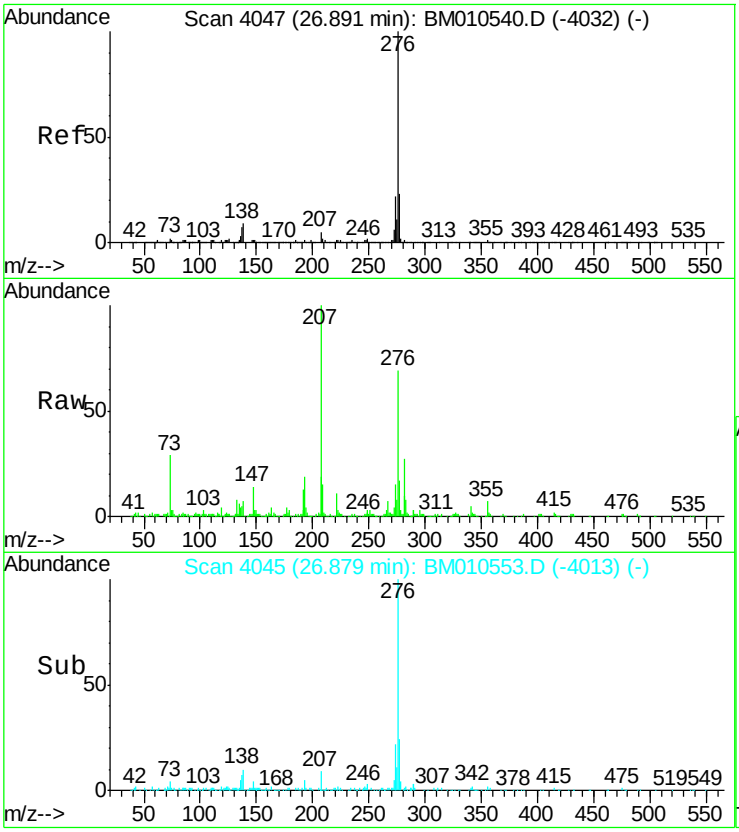


#89
Indeno(1,2,3-cd)pyrene
Concen: 5.79 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:276 Resp: 553517

Ion	Ratio	Lower	Upper
276	100		
138	7.5	9.3	13.9#
277	22.4	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 5.14 ng/ul
RT: 26.88 min Scan# 4045
Delta R.T. -0.01 min
Lab File: BM010553.D
Acq: 13 Jun 2017 01:56

Tgt Ion:276 Resp: 404799

Ion	Ratio	Lower	Upper
276	100		
138	10.2	8.5	12.7
277	24.7	18.6	28.0