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

Quantitation Report (Not Reviewed)

Data File : BM010548.D
Acq On : 12 Jun 2017 22:57
Operator : SJ/MA
Sample : I3521-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 13 03:35:10 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	122777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	420323	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	288865	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	752080	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1159521	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1246178	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	2013	0.67	ng/uL	0.02
5) Phenol-d5	7.07	99	31696	3.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	17192	3.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	29111	3.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	25059	3.34	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	11539	3.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	13345	3.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	29717	4.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	25294	3.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	115041	4.79	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	120746	4.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	5891	1.64	ng/ul	0.02
57) Fluorene-d10	15.52	176	98586	4.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	15952	2.99	ng/ul	0.00
70) Anthracene-d10	17.37	188	167950	4.59	ng/ul	0.00
76) Pyrene-d10	19.66	212	224146	4.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	270209	4.66	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.74	128	88411	4.19	ng/ul	97
30) 4-Chloroaniline	10.74	127	12894	1.89	ng/ul#	14
34) 2-Methylnaphthalene	12.35	142	19422	1.22	ng/ul	90
44) Dimethylphthalate	13.99	163	86233	3.65	ng/ul	97
47) Acenaphthylene	14.25	152	61926	2.26	ng/ul	100
53) Dibenzofuran	14.93	168	40892	1.44	ng/ul	90
58) Fluorene	15.57	166	43844	1.88	ng/ul#	95
69) Phenanthrene	17.32	178	243074	6.05	ng/ul	96
71) Anthracene	17.40	178	140625	3.36	ng/ul	95
72) Carbazole	17.69	167	38069	1.07	ng/ul#	90
74) Fluoranthene	19.32	202	567227	11.49	ng/ul#	93
77) Pyrene	19.69	202	1978561	33.11	ng/ul#	92
80) Benzo(a)anthracene	21.42	228	1030879	15.77	ng/ul	96
82) Chrysene	21.47	228	513221	8.68	ng/ul	98
85) Benzo(b)fluoranthene	23.06	252	1790642	24.69	ng/ul	97
86) Benzo(k)fluoranthene	23.06	252	1790642	25.85	ng/ul	96
88) Benzo(a)pyrene	23.67	252	754323	10.49	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.14	276	473450	5.21	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.15	278	139452	1.78	ng/ul#	88
91) Benzo(g,h,i)perylene	26.89	276	323581	4.33	ng/ul#	93

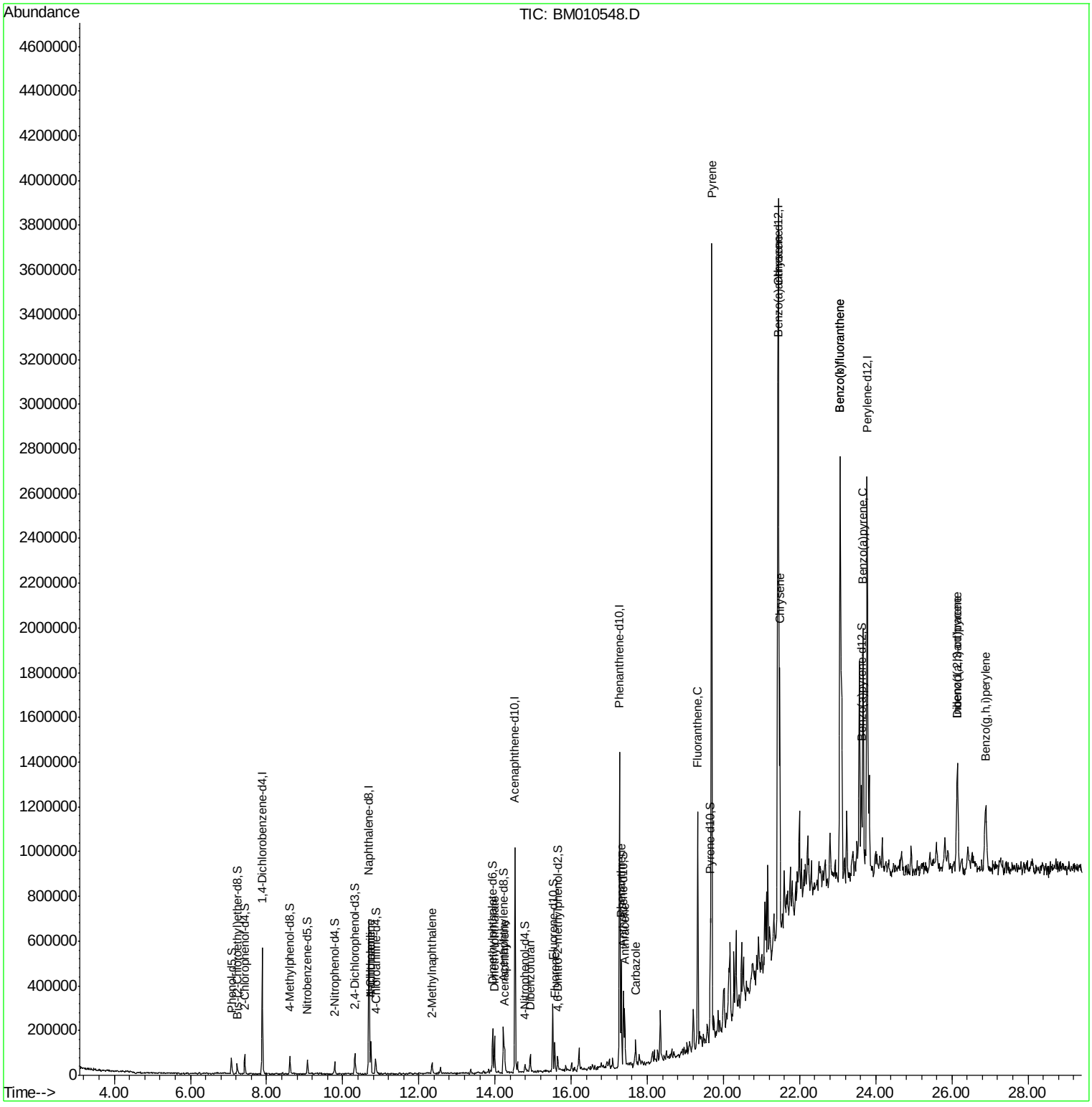
(#) = qualifier out of range (m) = manual integration (+) = signals summed

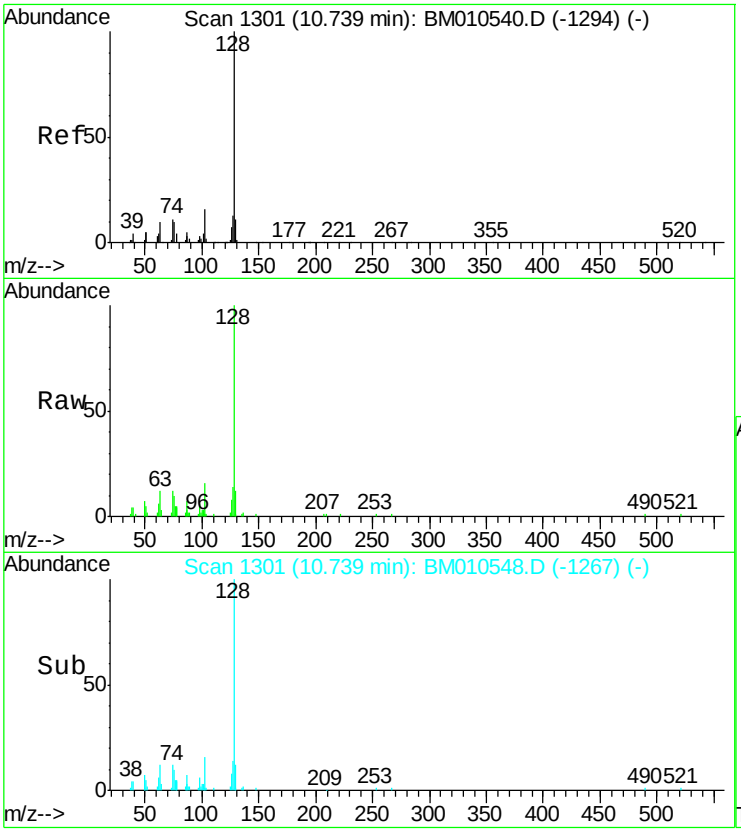
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Not Reviewed)

Data File : BM010548.D
Acq On : 12 Jun 2017 22:57
Operator : SJ/MA
Sample : I3521-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 13 03:35:10 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

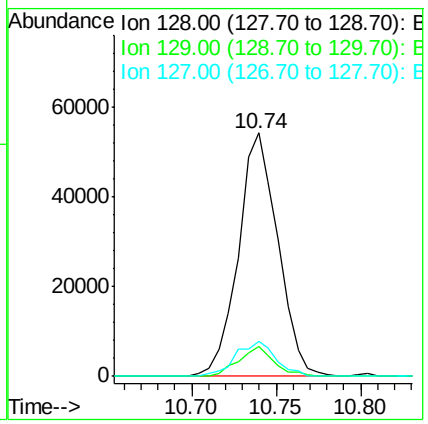


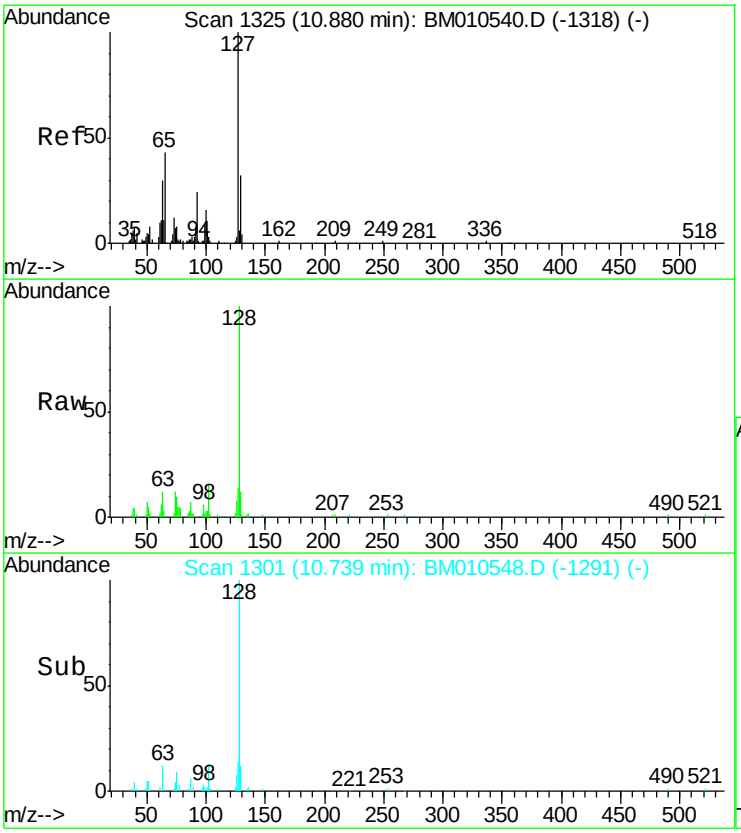


#28
Naphthalene
Concen: 4.19 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:128 Resp: 88411

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	14.3	10.6	16.0

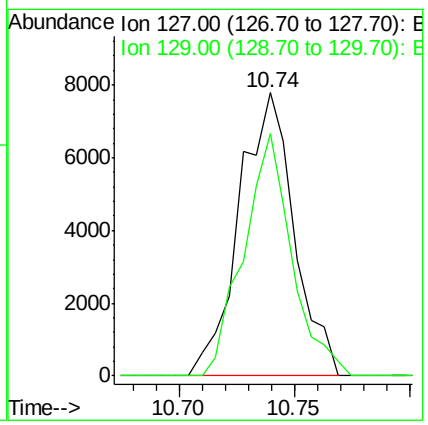


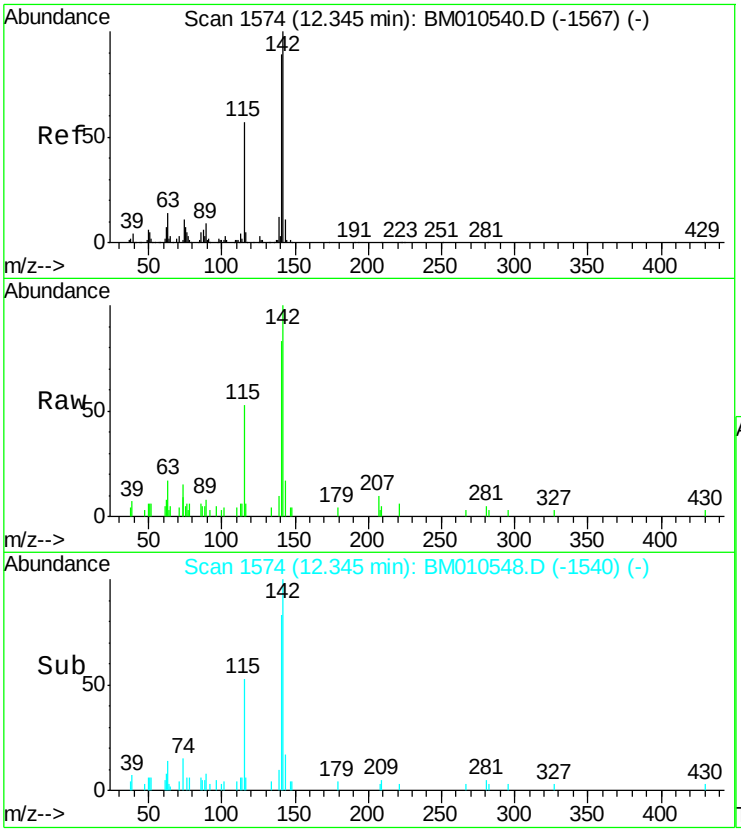


#30
4-Chloroaniline
Concen: 1.89 ng/ul
RT: 10.74 min Scan# 1301
Delta R.T. -0.14 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:127 Resp: 12894

Ion	Ratio	Lower	Upper
127	100		
129	85.6	28.4	42.6#

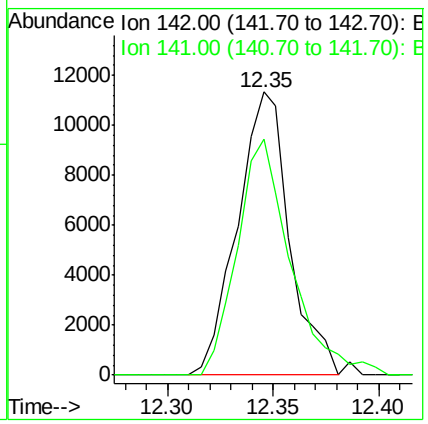


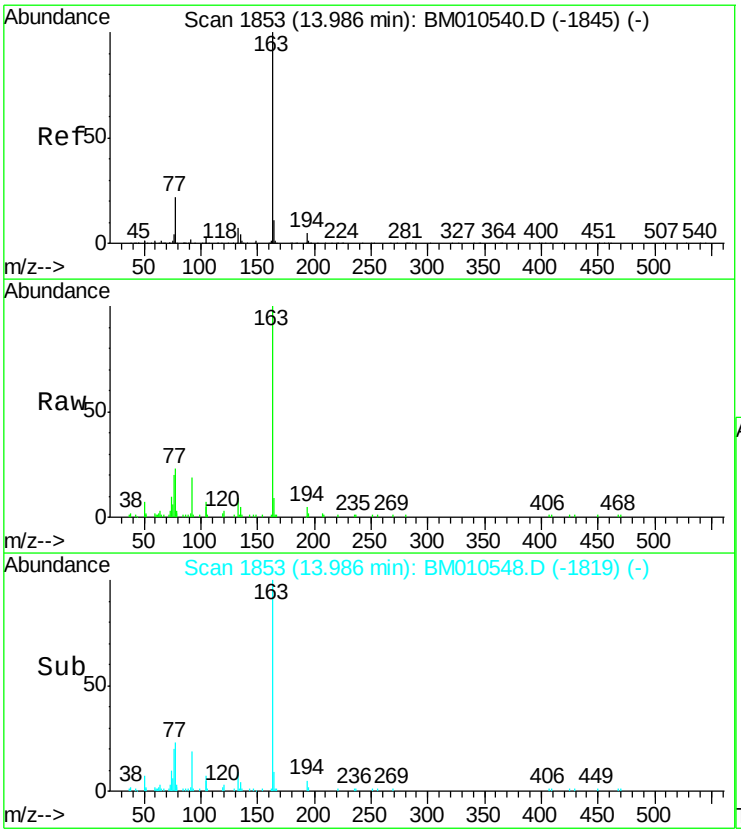


#34
2-Methylnaphthalene
Concen: 1.22 ng/ul
RT: 12.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:142 Resp: 19422

Ion	Ratio	Lower	Upper
142	100		
141	83.4	74.1	111.1

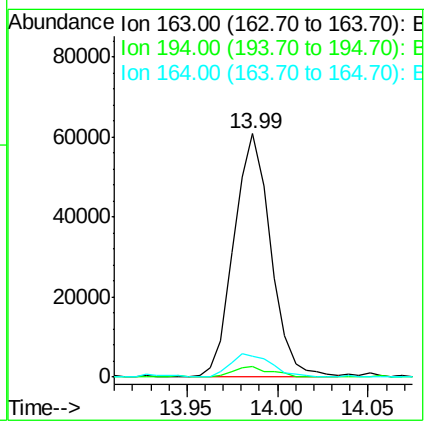


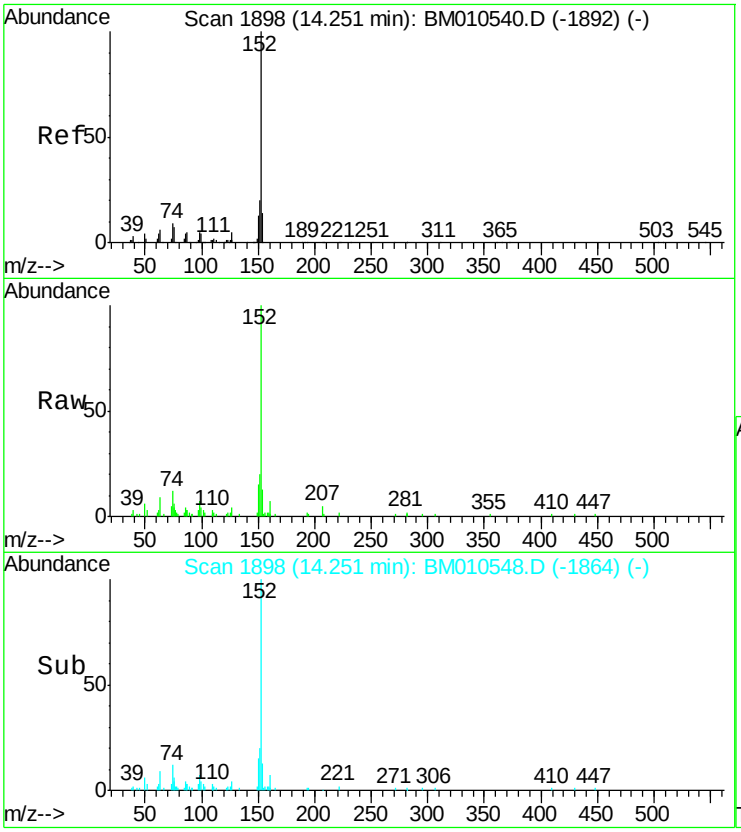


#44
Dimethylphthalate
Concen: 3.65 ng/ul
RT: 13.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:163 Resp: 86233

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	8.6	8.2	12.4

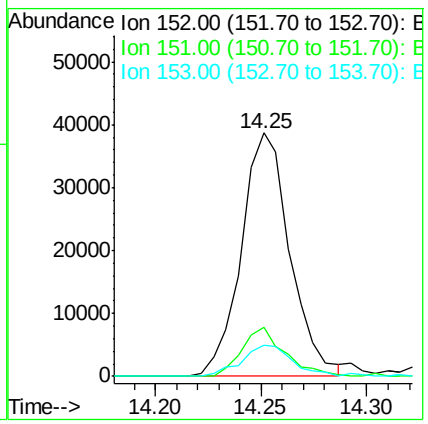


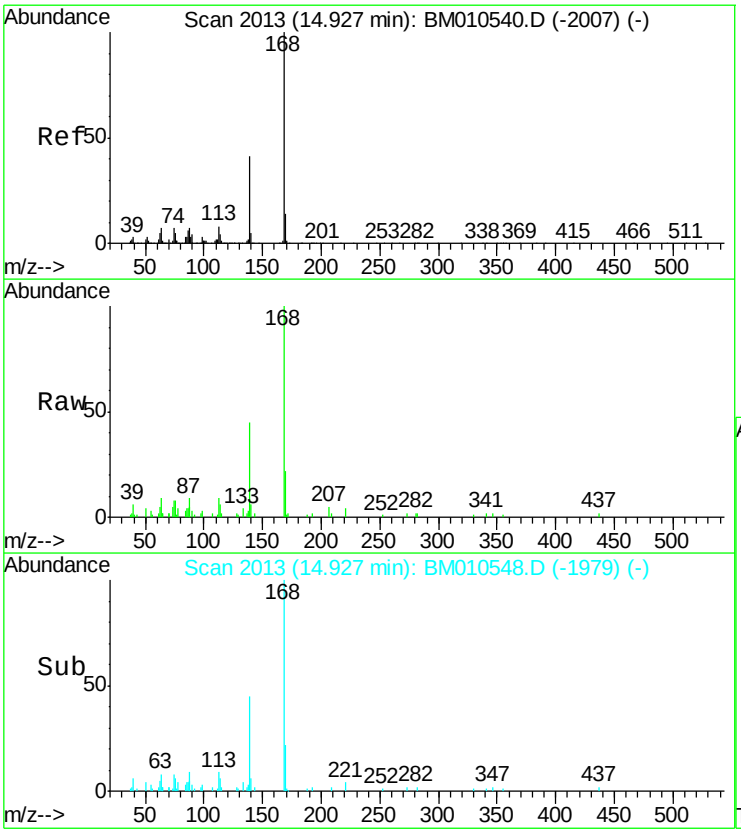


#47
Acenaphthylene
Concen: 2.26 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:152 Resp: 61926

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	12.8	10.2	15.4

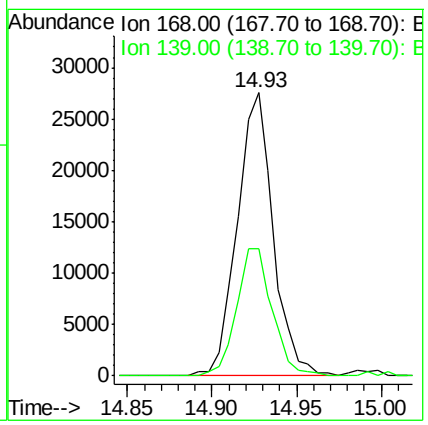


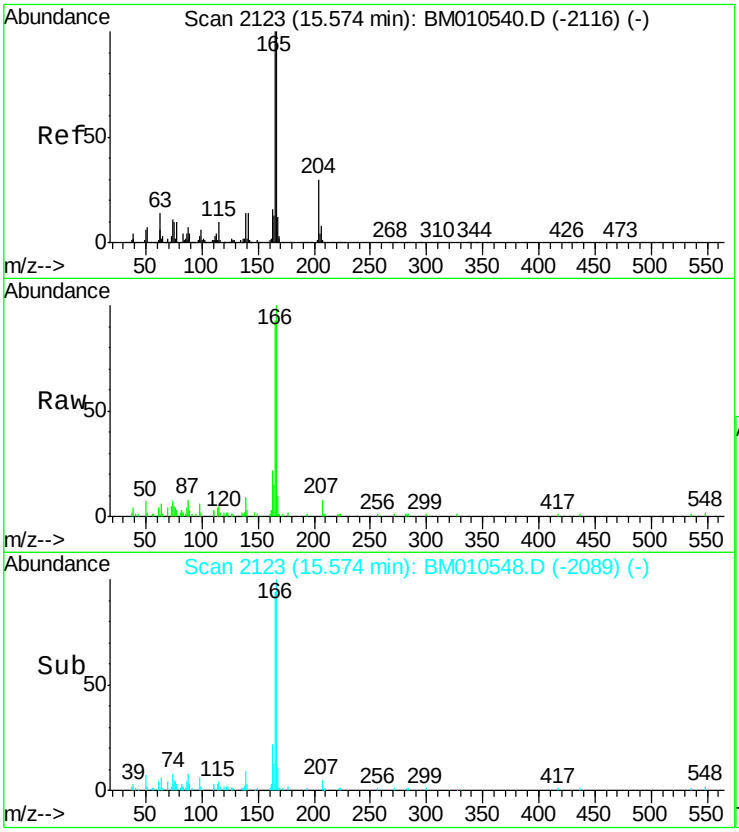


#53
Dibenzofuran
Concen: 1.44 ng/ul
RT: 14.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:168 Resp: 40892

Ion	Ratio	Lower	Upper
168	100		
139	44.8	30.8	46.2

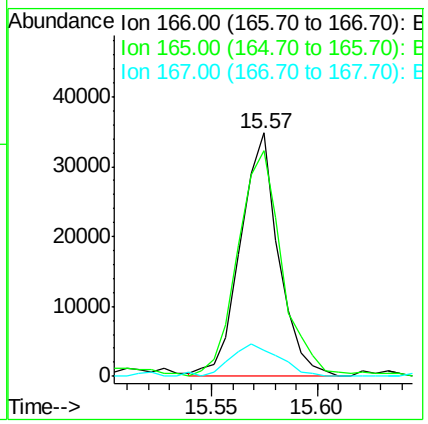


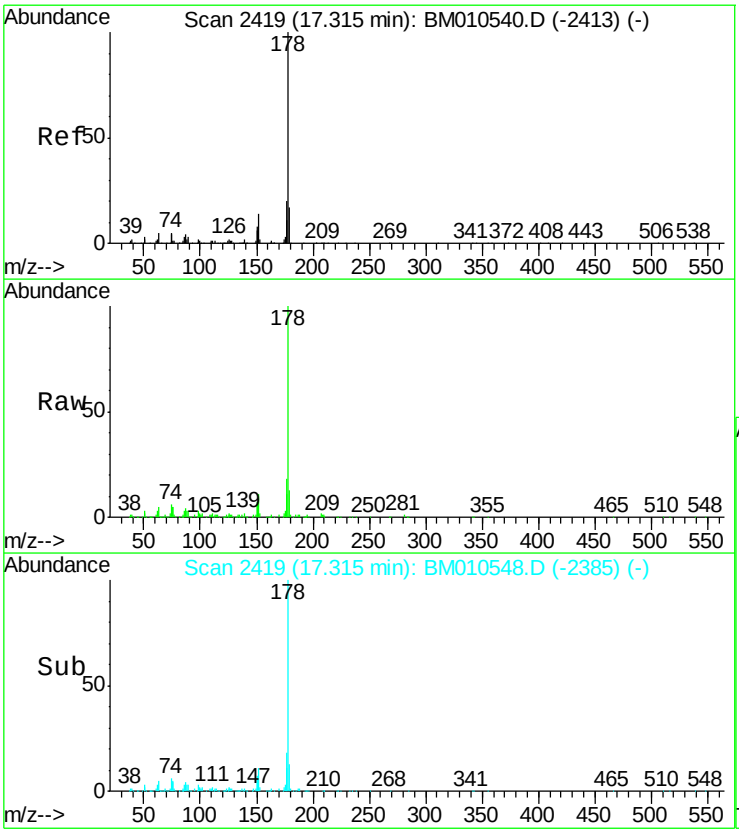


#58
Fluorene
Concen: 1.88 ng/ul
RT: 15.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:166 Resp: 43844

Ion	Ratio	Lower	Upper
166	100		
165	92.9	77.9	116.9
167	10.5	10.6	16.0#

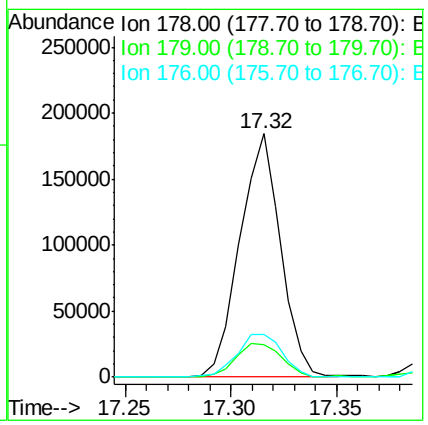


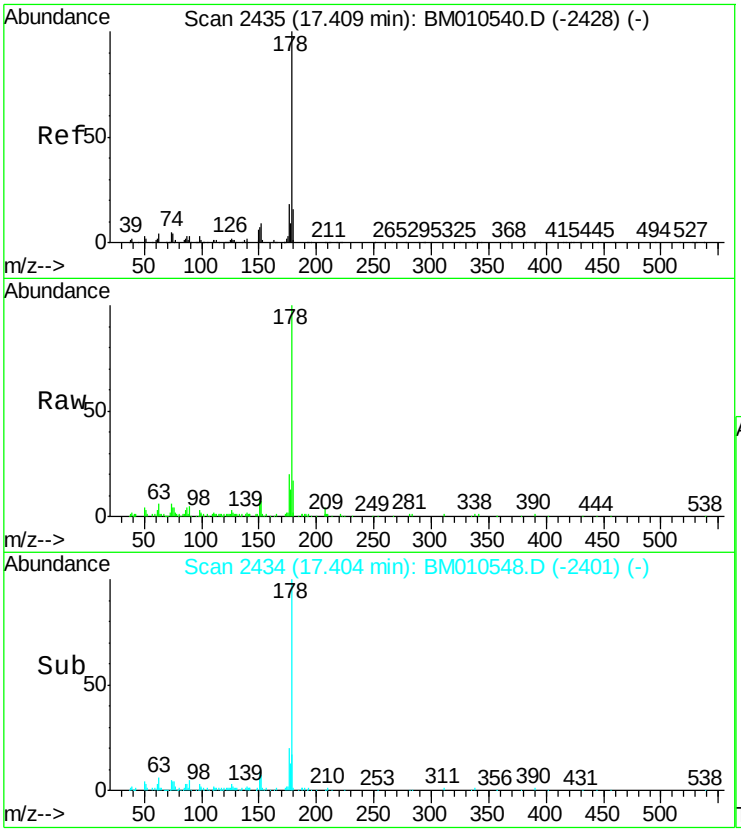


#69
Phenanthrene
Concen: 6.05 ng/ul
RT: 17.32 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:178 Resp: 243074

Ion	Ratio	Lower	Upper
178	100		
179	13.3	12.6	19.0
176	17.6	14.9	22.3

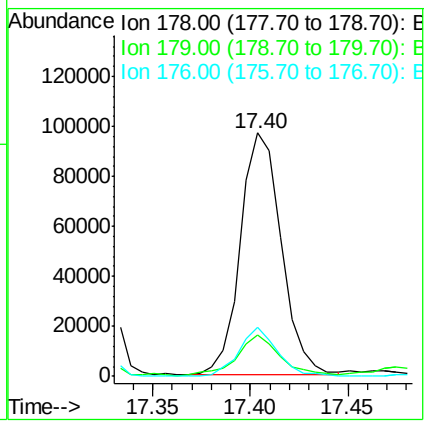


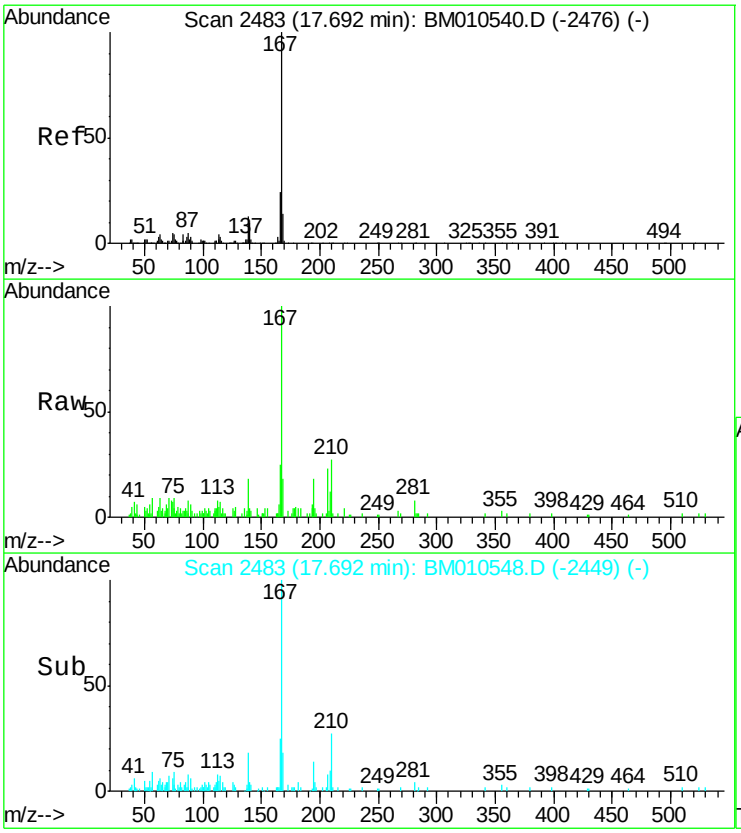


#71
Anthracene
Concen: 3.36 ng/ul
RT: 17.40 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:178 Resp: 140625

Ion	Ratio	Lower	Upper
178	100		
179	17.2	11.7	17.5
176	20.0	14.6	21.8

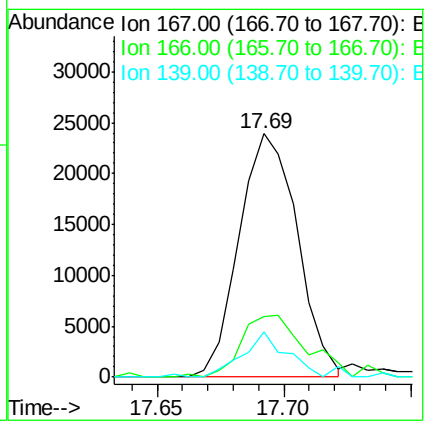


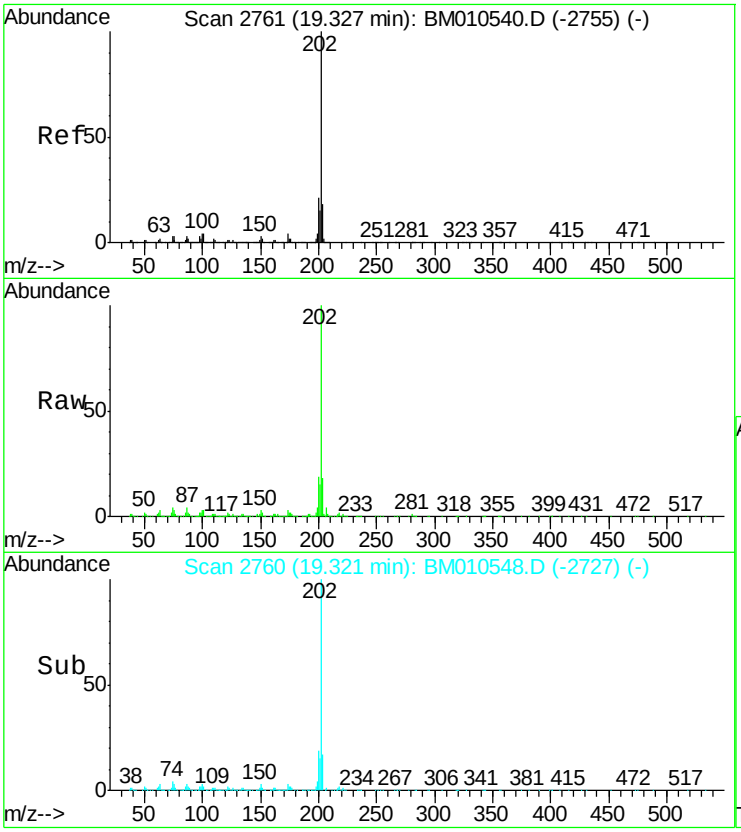


#72
Carbazole
Concen: 1.07 ng/ul
RT: 17.69 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:167 Resp: 38069

Ion	Ratio	Lower	Upper
167	100		
166	24.7	17.1	25.7
139	18.5	10.0	15.0#

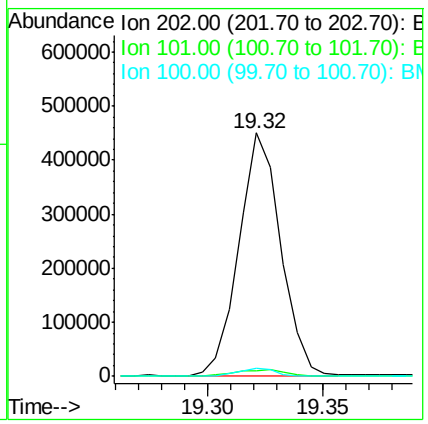


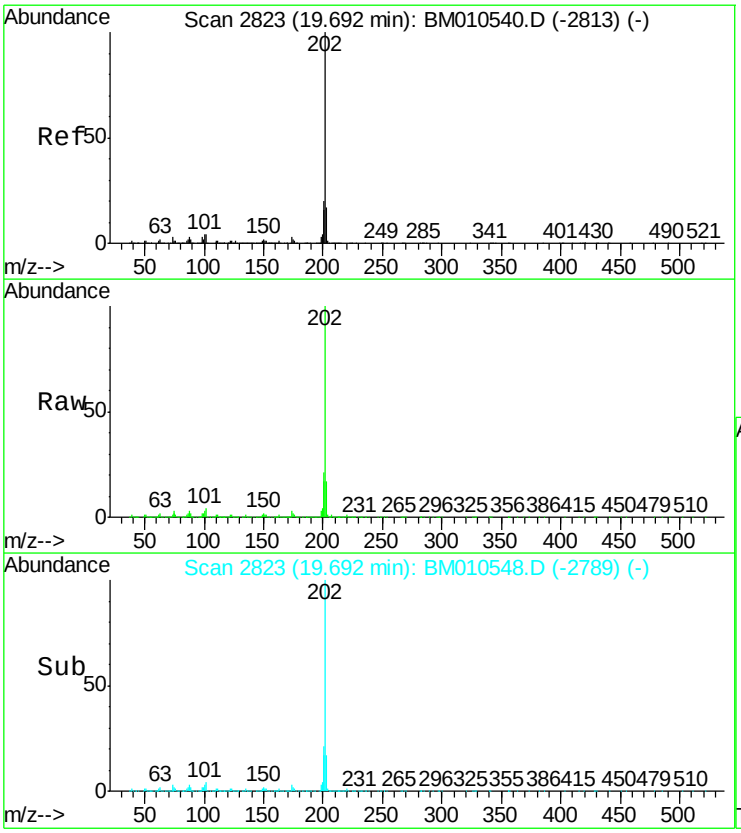


#74
Fluoranthene
Concen: 11.49 ng/ul
RT: 19.32 min Scan# 2760
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:202 Resp: 567227

Ion	Ratio	Lower	Upper
202	100		
101	2.5	4.6	7.0#
100	3.2	3.4	5.2#

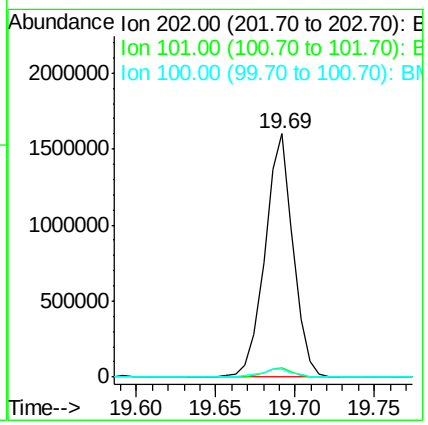


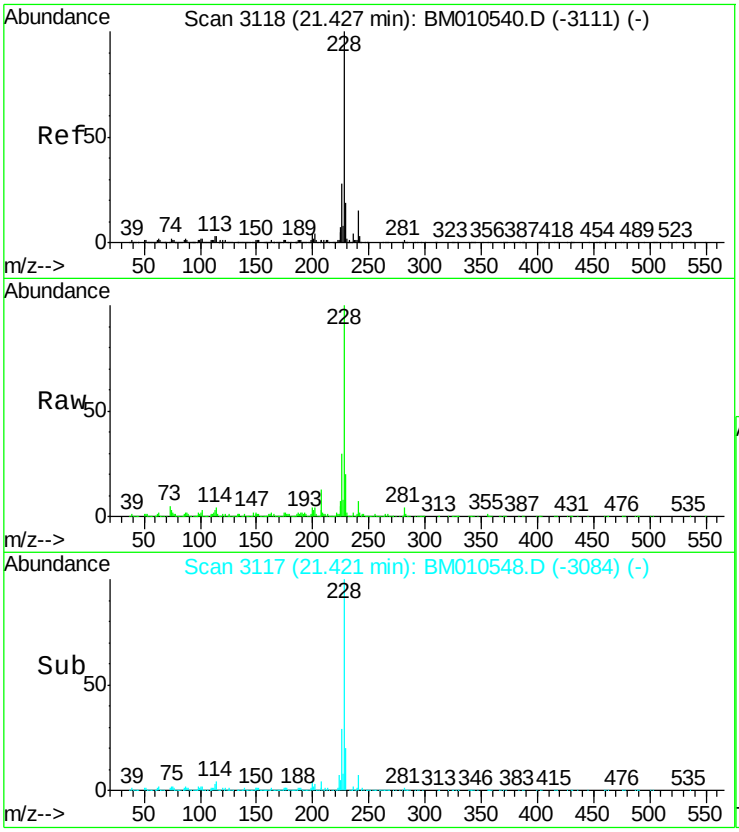


#77
Pyrene
Concen: 33.11 ng/ul
RT: 19.69 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:202 Resp: 1978561

Ion	Ratio	Lower	Upper
202	100		
101	3.9	5.1	7.7#
100	3.4	4.9	7.3#

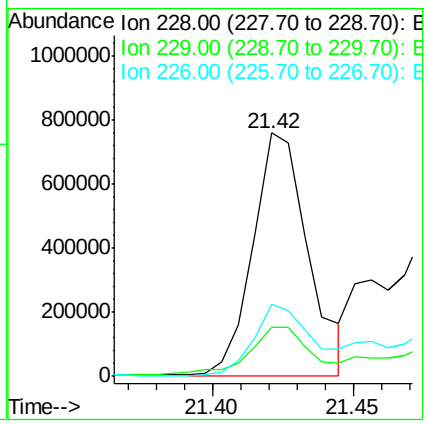


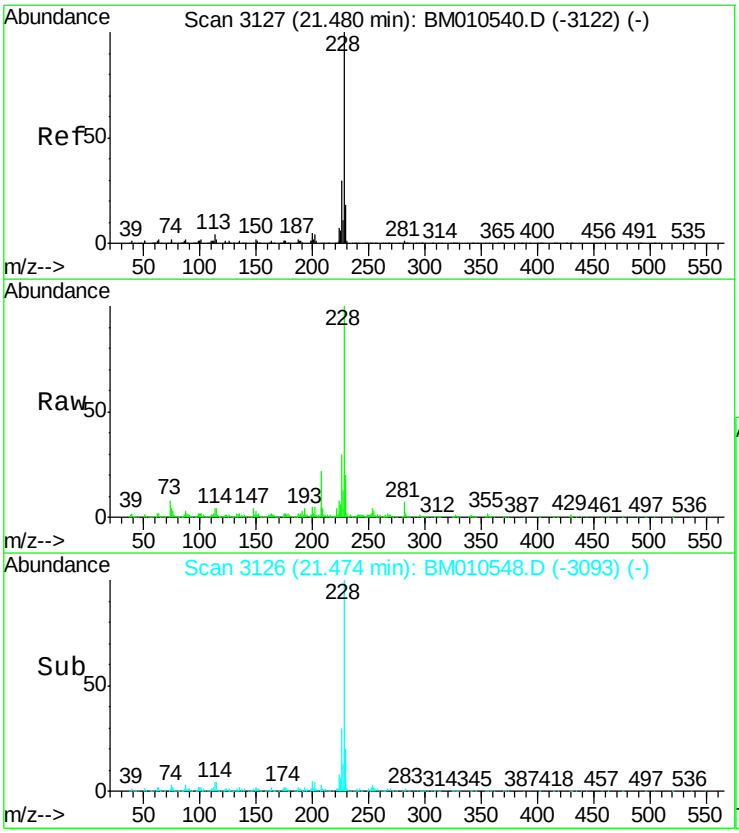


#80
Benzo(a)anthracene
Concen: 15.77 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:228 Resp: 1030879

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	29.5	21.4	32.0

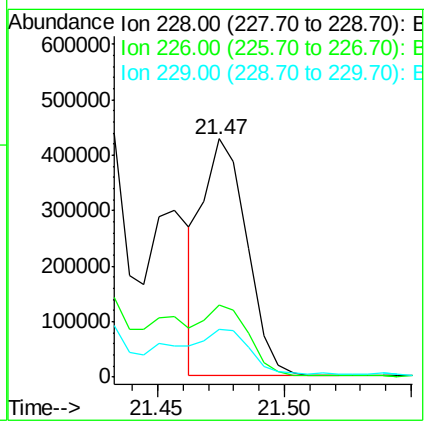


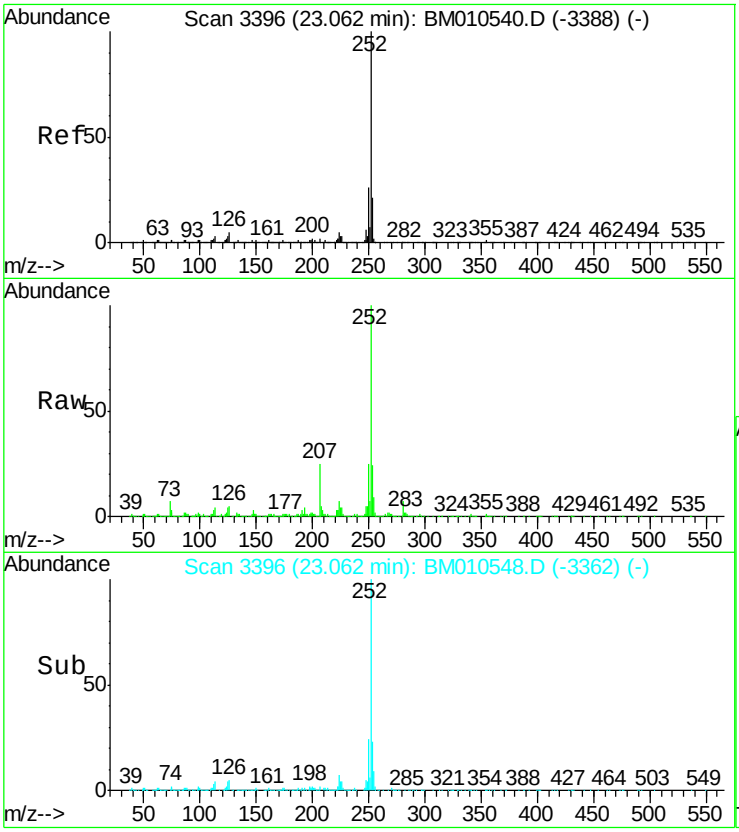


#82
Chrysene
Concen: 8.68 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:228 Resp: 513221

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	20.1	15.5	23.3

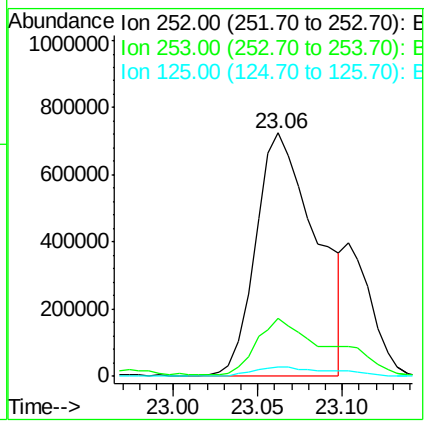


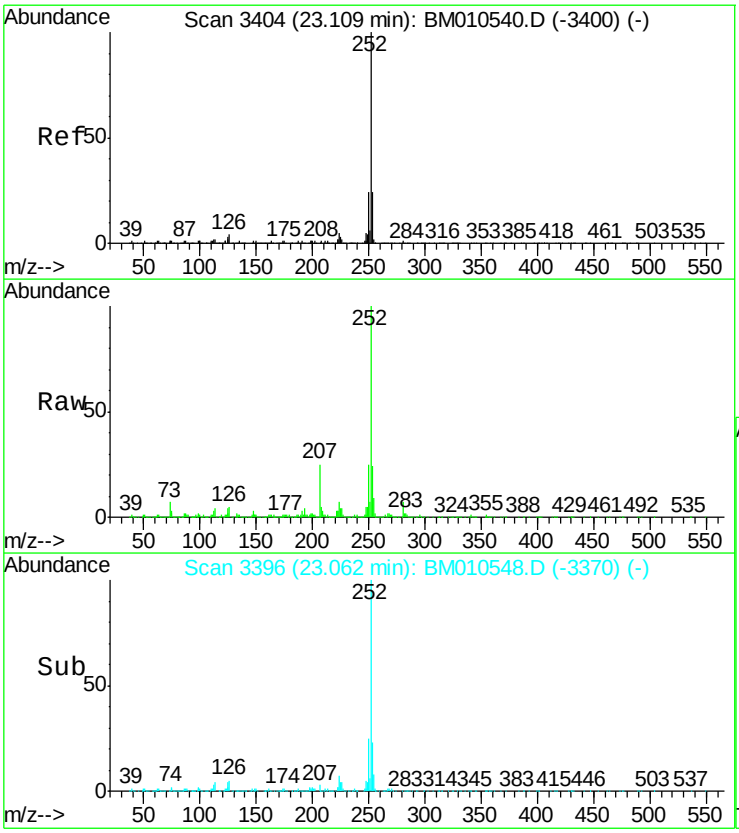


#85
Benzo(b)fluoranthene
Concen: 24.69 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:252 Resp: 1790642

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	3.8	3.6	5.4

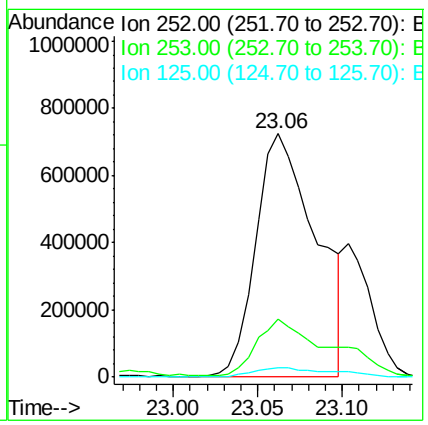


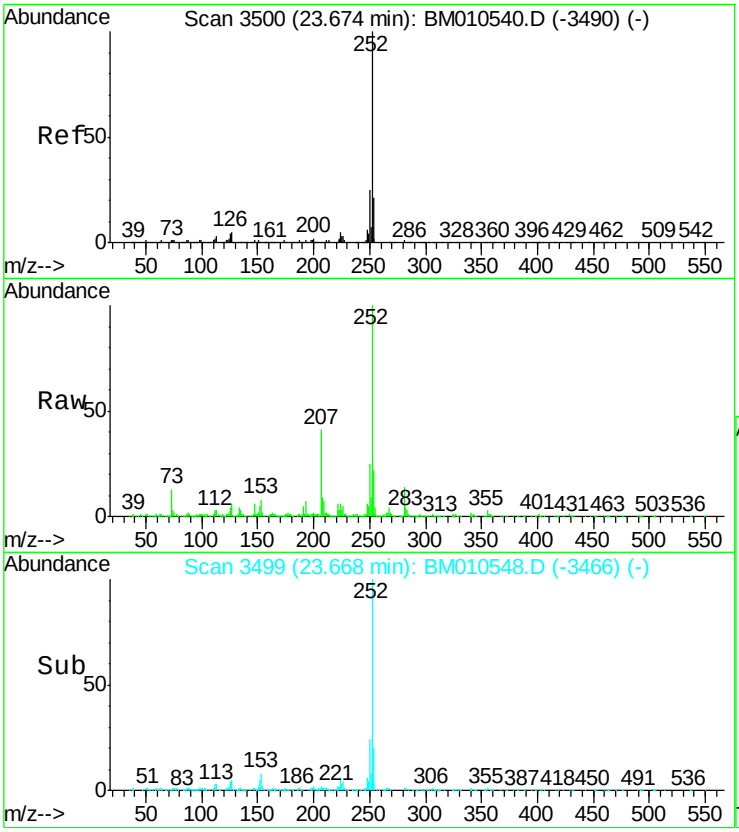


#86
Benzo(k)fluoranthene
Concen: 25.85 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.05 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:252 Resp: 1790642

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	3.8	3.4	5.2

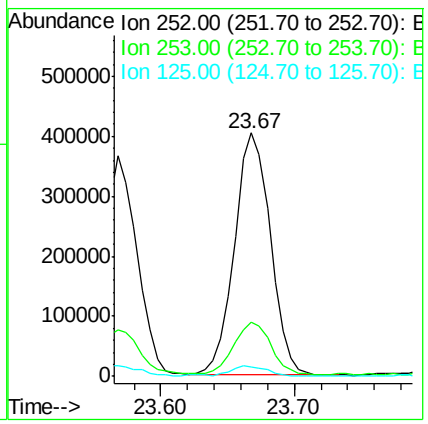


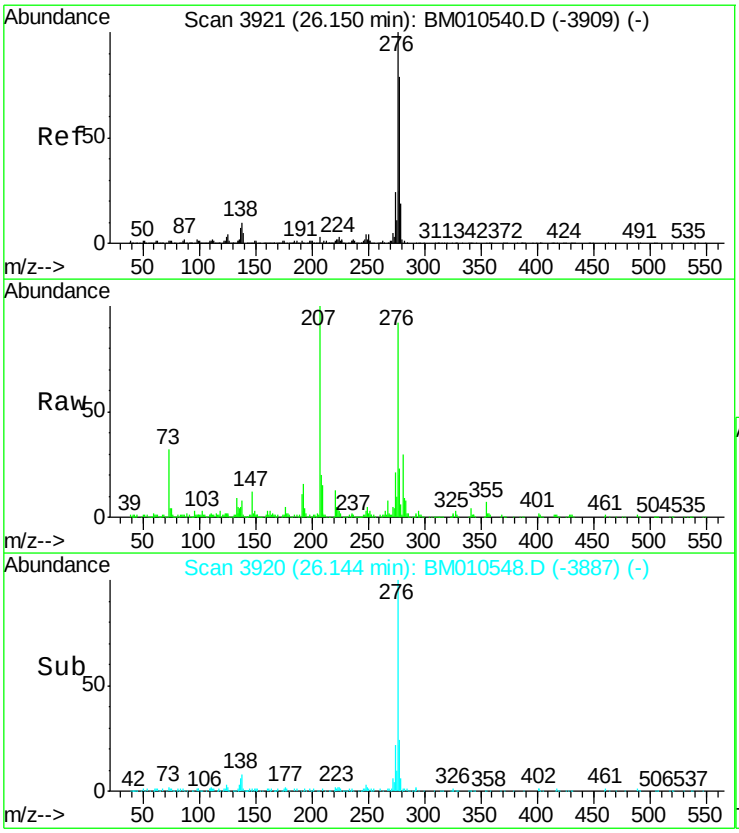


#88
Benzo(a)pyrene
Concen: 10.49 ng/ul
RT: 23.67 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:252 Resp: 754323

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	4.1	4.0	6.0

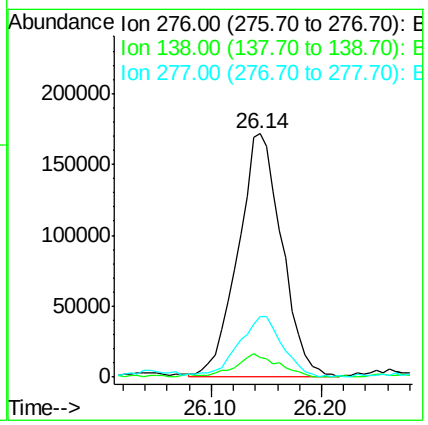


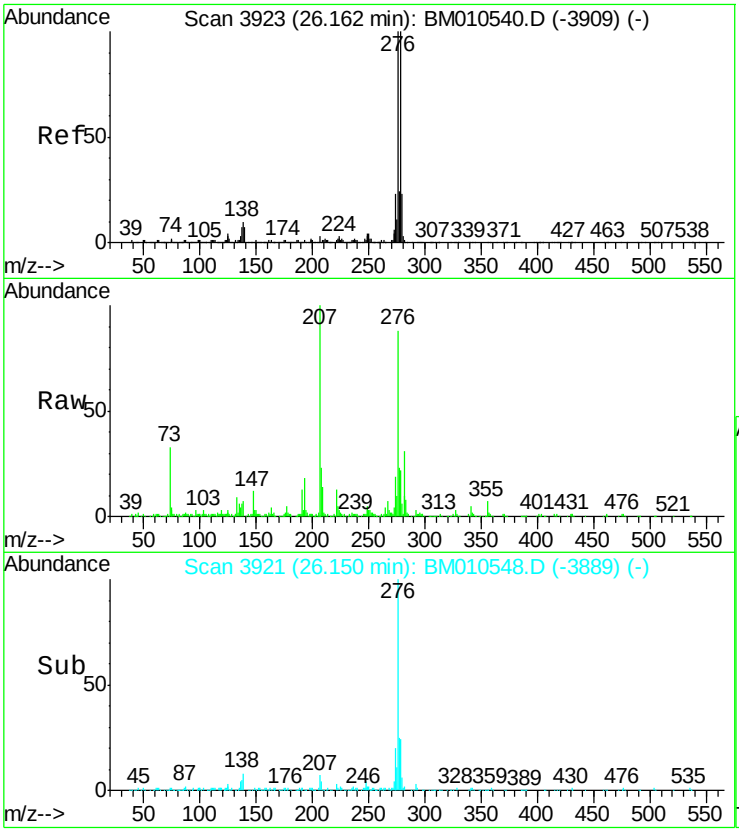


#89
Indeno(1,2,3-cd)pyrene
Concen: 5.21 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:276 Resp: 473450

Ion	Ratio	Lower	Upper
276	100		
138	8.3	9.3	13.9#
277	24.9	19.9	29.9

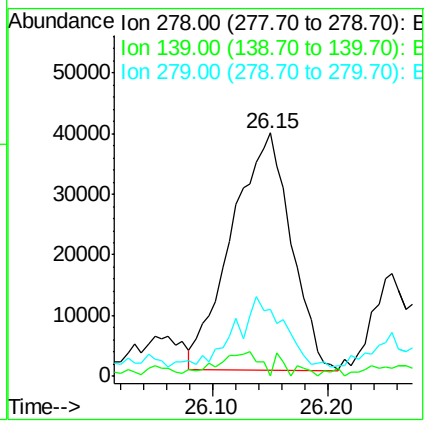


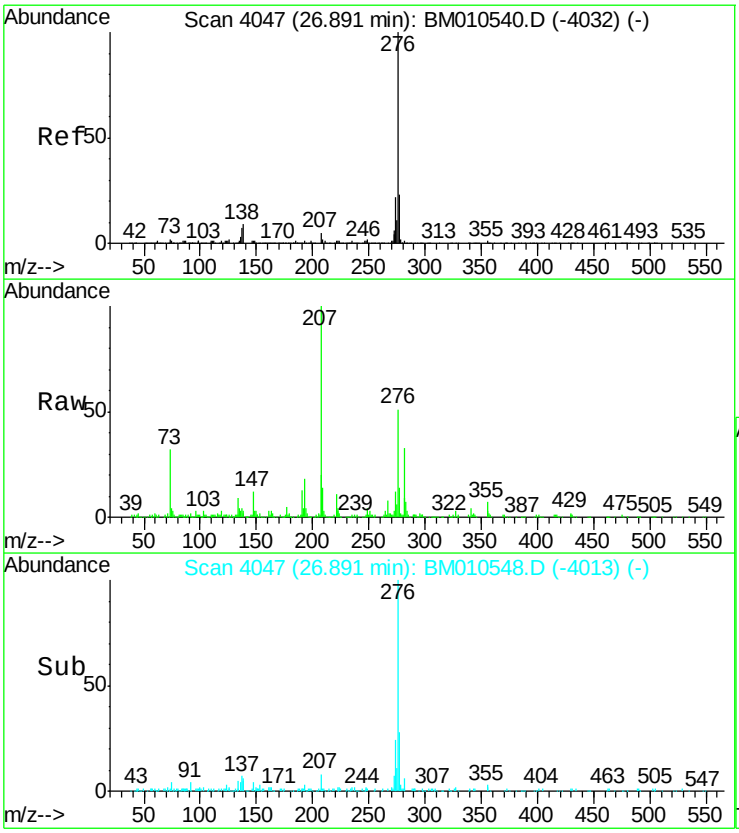


#90
Dibenzo(a,h)anthracene
Concen: 1.78 ng/ul
RT: 26.15 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:278 Resp: 139452

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	27.4	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 4.33 ng/ul
RT: 26.89 min Scan# 4047
Delta R.T. 0.00 min
Lab File: BM010548.D
Acq: 12 Jun 2017 22:57

Tgt Ion:276 Resp: 323581

Ion	Ratio	Lower	Upper
276	100		
138	10.3	8.5	12.7
277	28.0	18.6	28.0#