Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D32

Quant Time: Jun 12 09:09:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	150606	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	580330	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	428785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1090498	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1334164	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1243812	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	8601	2.34	ng/uL	0.01
5) Phenol-d5	7.07	99	159572	13.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	94171	14.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	140172	15.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	139250	15.12	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	69279	16.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	87606	17.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	177006	17.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	191778	19.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	677991	19.03	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	704535	16.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	74720	14.02	ng/ul	0.00
57) Fluorene-d10	15.52	176	589524	18.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	105457	13.65	ng/ul	0.00
70) Anthracene-d10	17.38	188	974094	18.36	ng/ul	0.00
76) Pyrene-d10	19.67	212	1167559	21.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1023470	17.67	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.10	94	18719	1.600	ng/ul#	65
28) Naphthalene	10.75	128	54542	1.874	ng/ul#	97
34) 2-Methylnaphthalene	12.34	142	489568	22.183	ng/ul	97
40) 1,1'-Biphenyl	13.36	154	277789	7.986	ng/ul	100
44) Dimethylphthalate	13.99	163	516234	14.734	ng/ul	97
47) Acenaphthylene	14.25	152	82189	2.024	ng/ul#	85
49) Acenaphthene	14.60	153	2535581	89.019	ng/ul	99
53) Dibenzofuran	14.93	168	3292615	78.176	ng/ul	93
58) Fluorene	15.58	166	3869267	111.995	ng/ul	97
69) Phenanthrene	17.42	178	2454270	42.158	ng/ul	99
71) Anthracene	17.42	178	2454270	40.382	ng/ul	98
72) Carbazole	17.70	167	84727	1.647	ng/ul#	83
74) Fluoranthene	19.33	202	12298420	171.790	ng/ul#	97
77) Pyrene	19.70	202	8472991	123.243	ng/ul#	96
80) Benzo(a)anthracene	21.43	228	2778279	36.928	ng/ul	98
82) Chrysene	21.48	228	2154979	31.686	ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	1975123	27.290	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	1975123	28.567	ng/ul	96
88) Benzo(a)pyrene	23.57	252	772479	10.768	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.16	276	522599	5.766	ng/ul	98
90) Dibenzo(a,h)anthracene	26.16	278	161137	2.064	ng/ul#	85
91) Benzo(g,h,i)perylene	26.89	276	350615	4.696	ng/ul#	90

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D32

Quant Time: Jun 12 09:09:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration

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

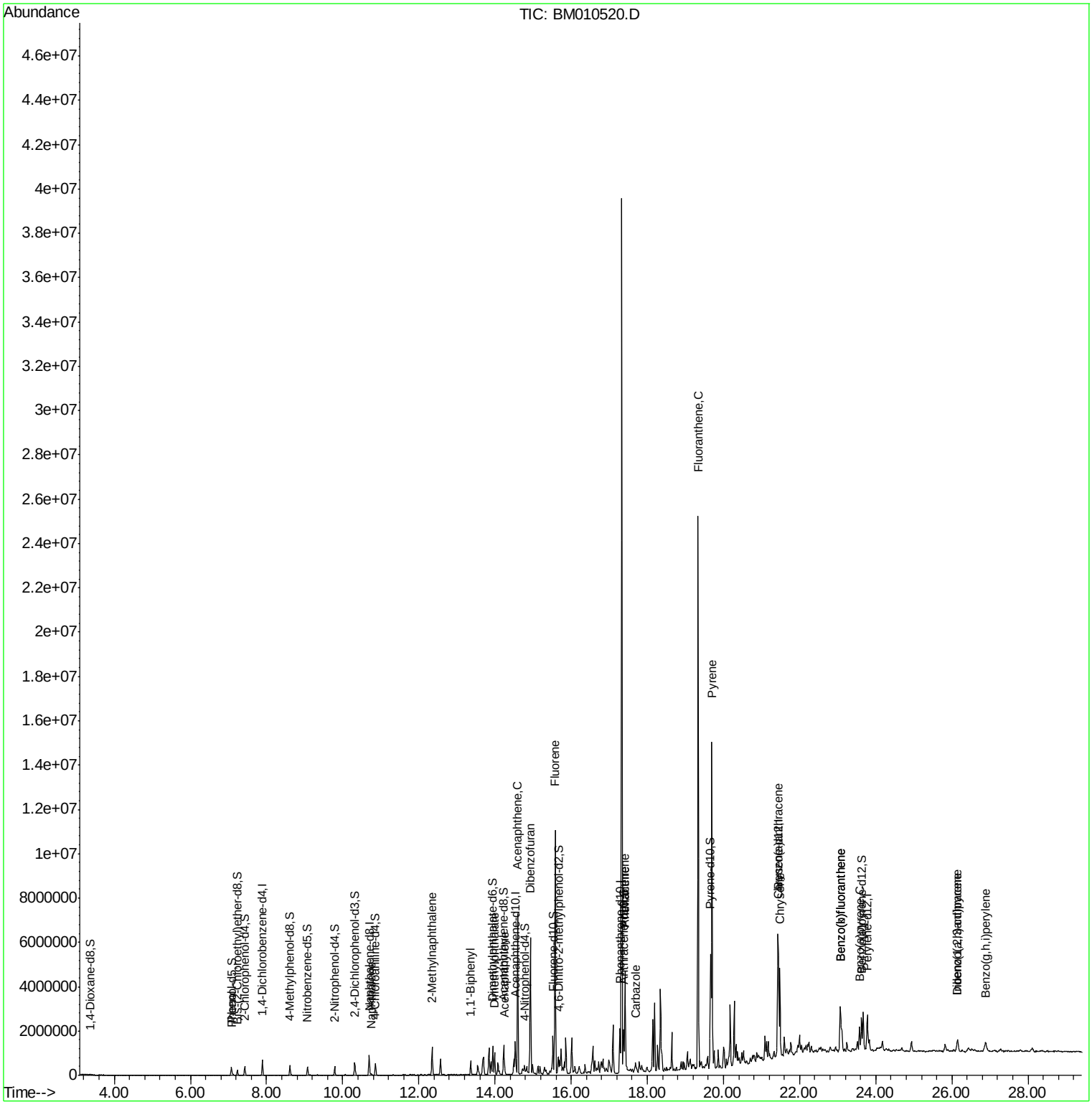
(#) = qualifier out of range (m) = manual integration (+) = signals summed

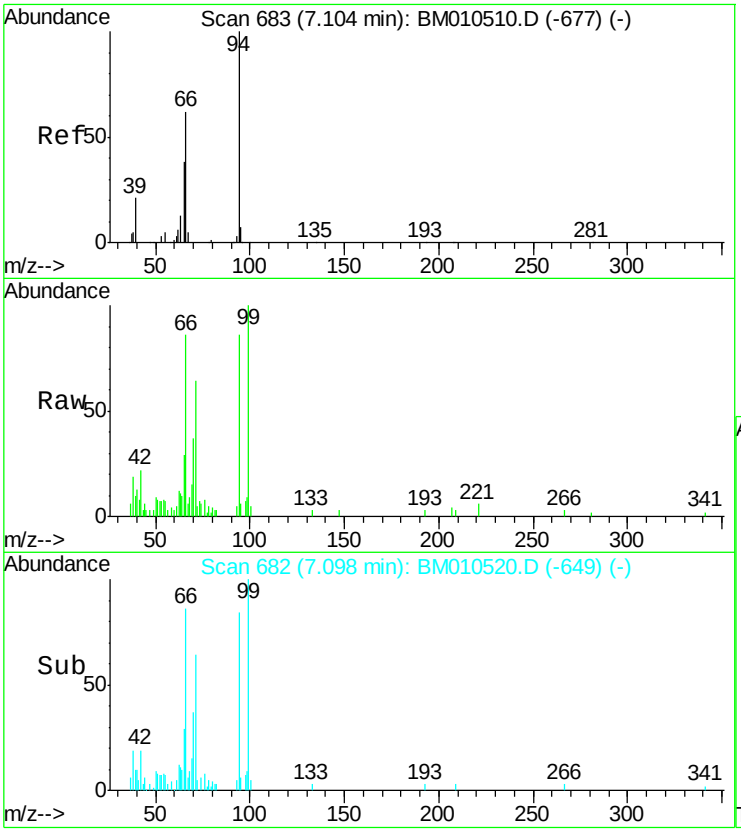
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010520.D
Acq On : 11 Jun 2017 11:58
Operator : SJ/MA
Sample : I3522-19
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D32

Quant Time: Jun 12 09:09:34 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 09:00:46 2017
Response via : Initial Calibration



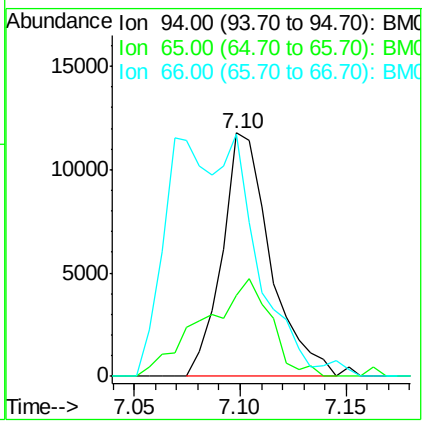


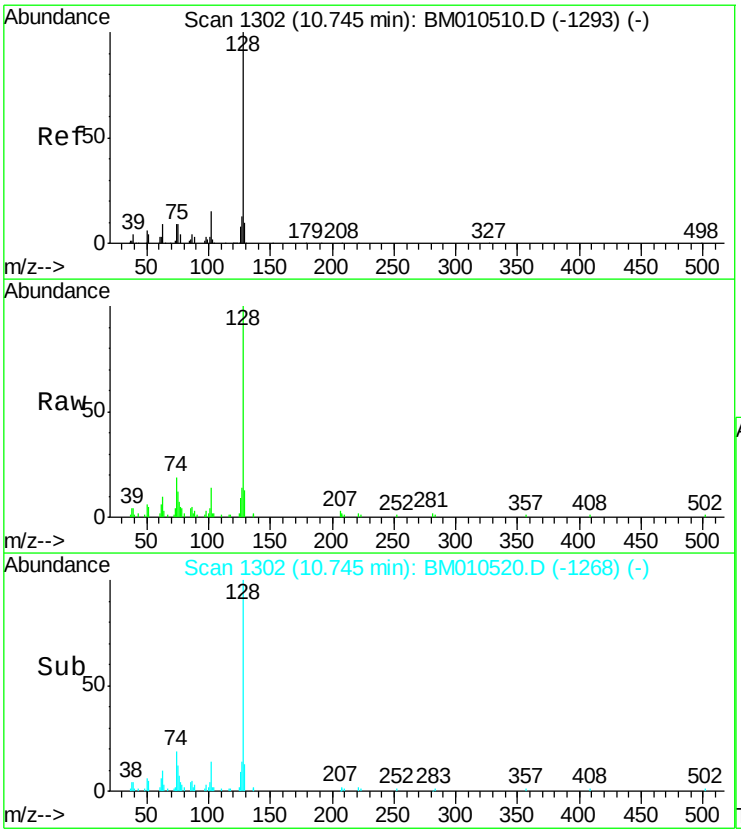
#6
Phenol
Concen: 1.600 ng/ul
RT: 7.10 min Scan# 682
Delta R.T. -0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion: 94 Resp: 18719

Ion	Ratio	Lower	Upper
94	100		
65	33.5	28.2	42.4
66	99.5	47.2	70.8#

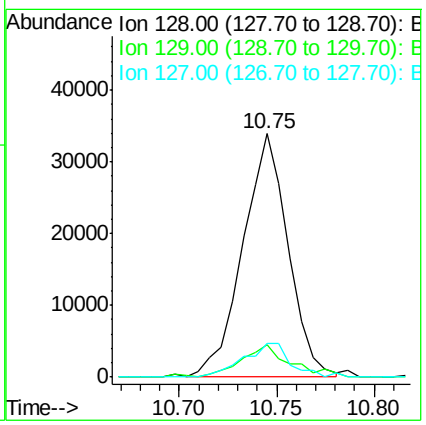


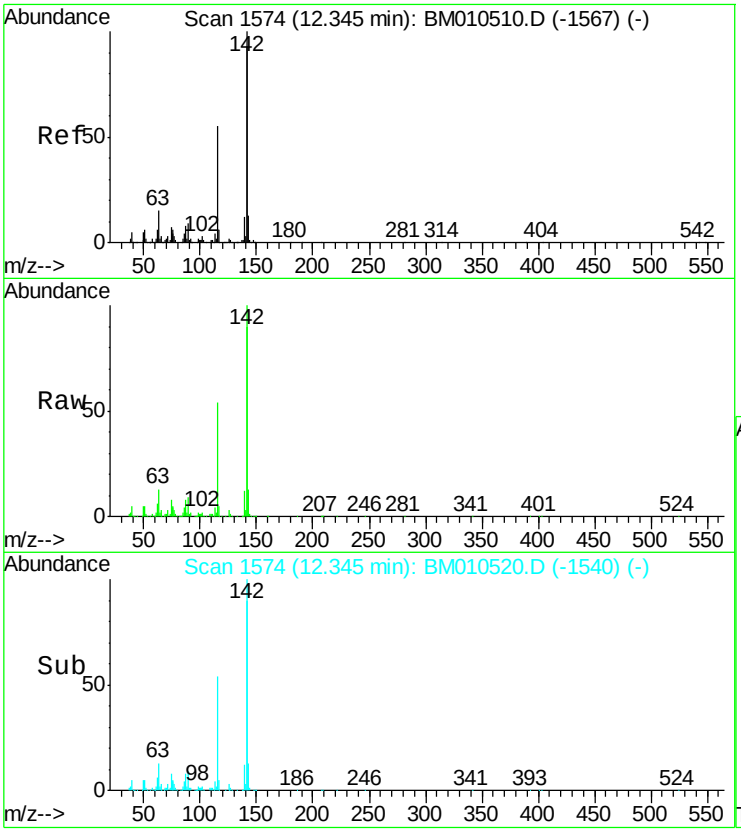


#28
Naphthalene
Concen: 1.874 ng/ul
RT: 10.75 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:128 Resp: 54542

Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.8	13.2#
127	13.8	10.6	16.0



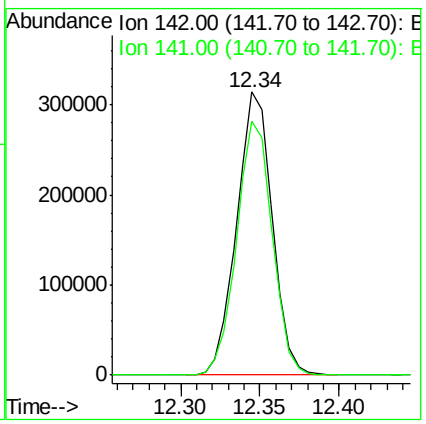


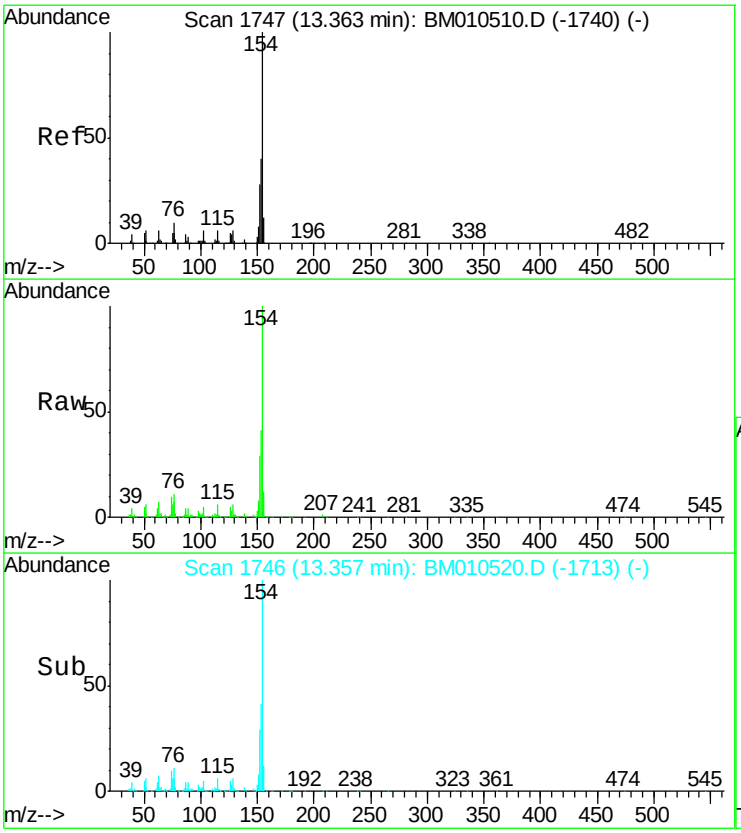
#34
2-Methylnaphthalene
Concen: 22.183 ng/ul
RT: 12.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:142 Resp: 489568

Ion	Ratio	Lower	Upper
142	100		
141	89.6	74.1	111.1

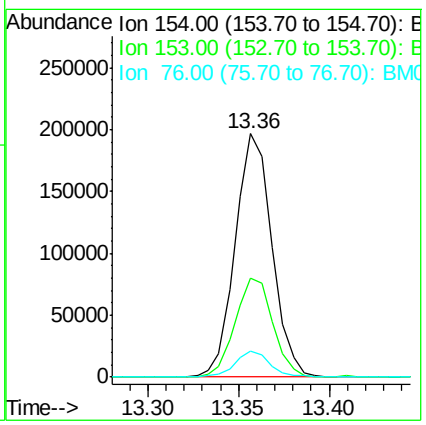


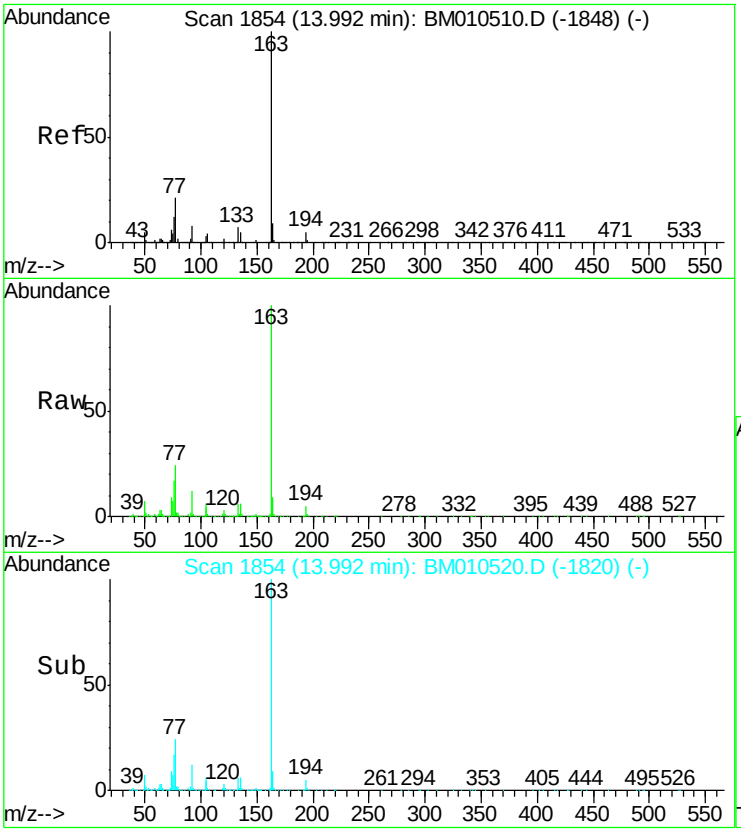


#40
1,1'-Biphenyl
Concen: 7.986 ng/ul
RT: 13.36 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:154 Resp: 277789

Ion	Ratio	Lower	Upper
154	100		
153	40.6	32.6	48.8
76	10.6	8.5	12.7



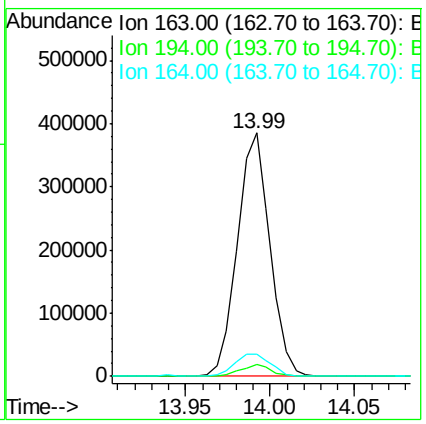


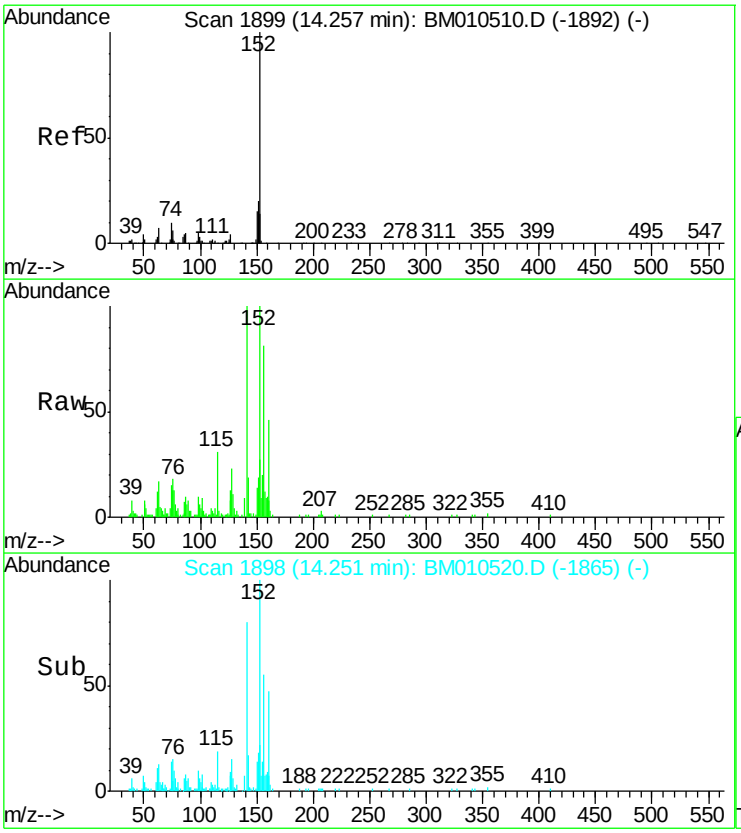
#44
Dimethylphthalate
Concen: 14.734 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:163 Resp: 516234

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	8.9	8.2	12.4

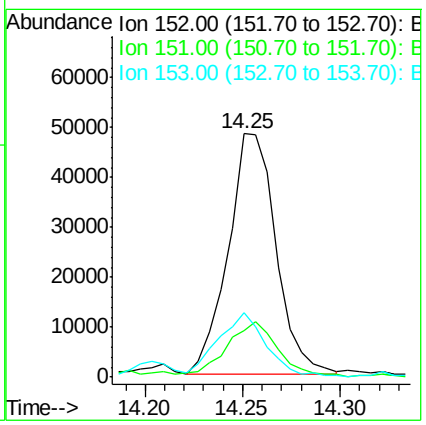


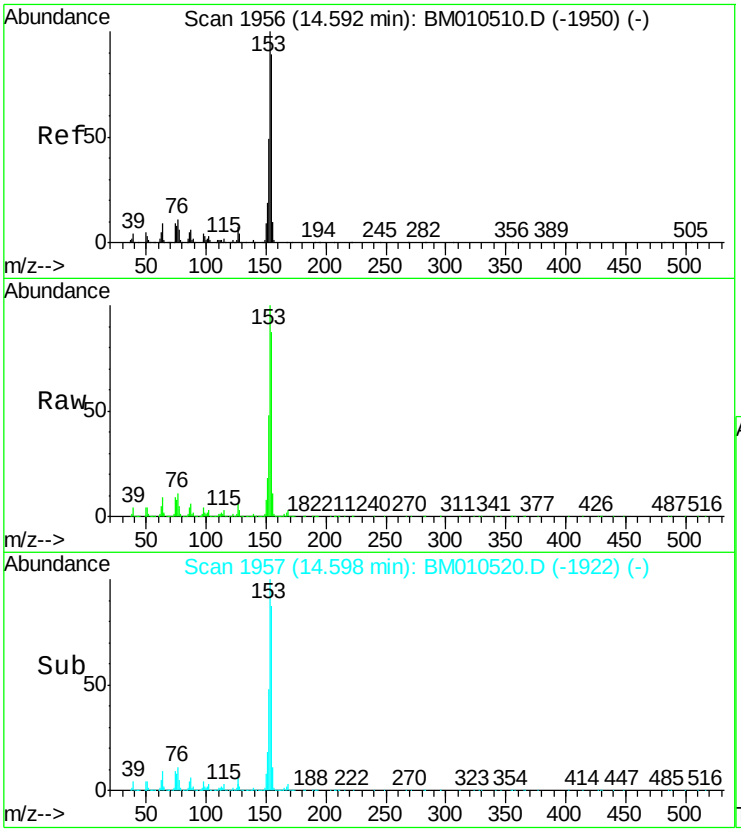


#47
Acenaphthylene
Concen: 2.024 ng/ul
RT: 14.25 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:152 Resp: 82189

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.3	24.5
153	26.6	10.2	15.4#



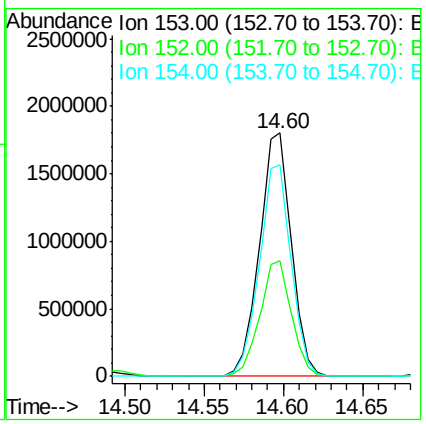


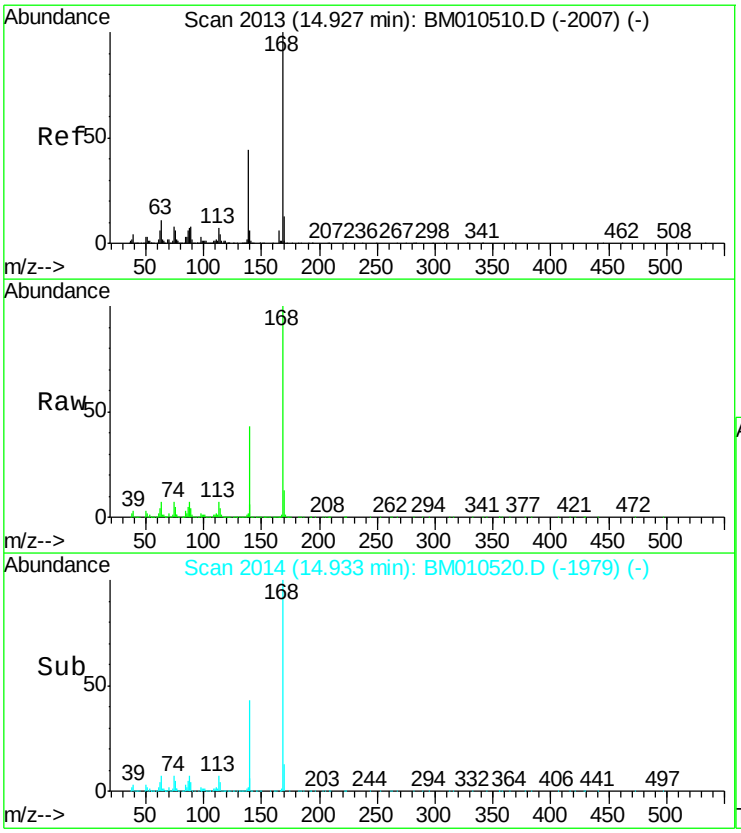
#49
Acenaphthene
Concen: 89.019 ng/ul
RT: 14.60 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:153 Resp: 2535581

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	87.0	70.4	105.6

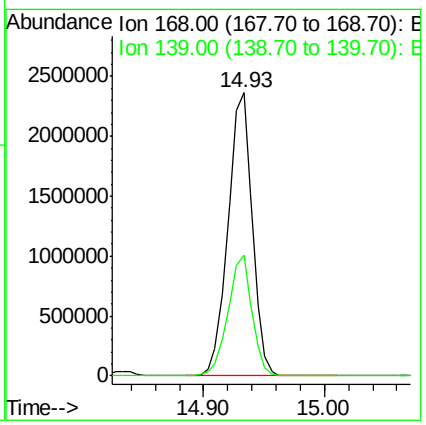


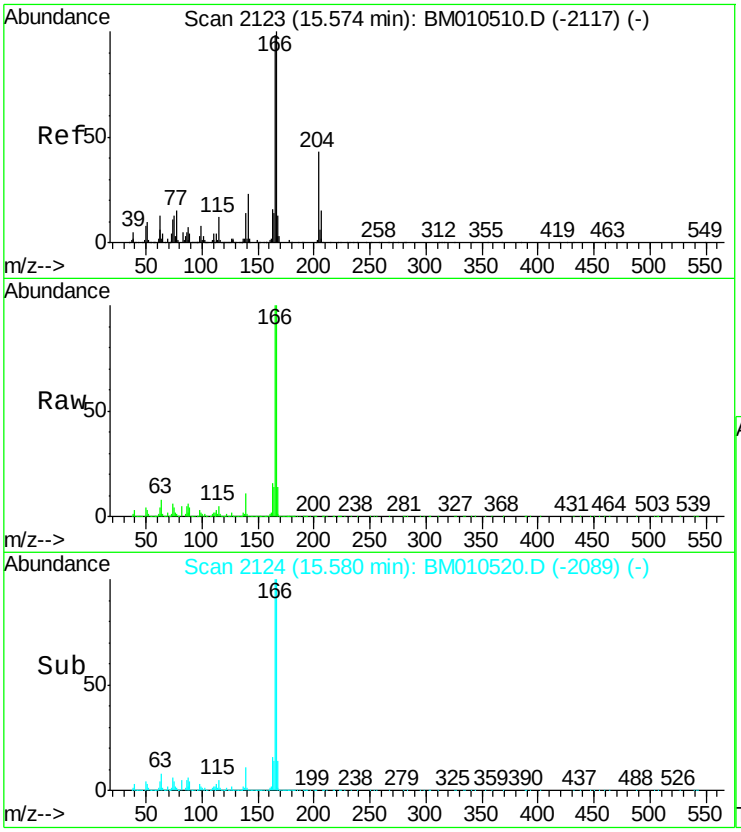


#53
Dibenzofuran
Concen: 78.176 ng/ul
RT: 14.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:168 Resp: 3292615

Ion	Ratio	Lower	Upper
168	100		
139	42.7	30.8	46.2



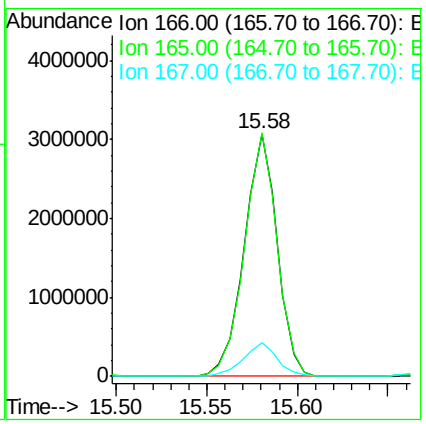


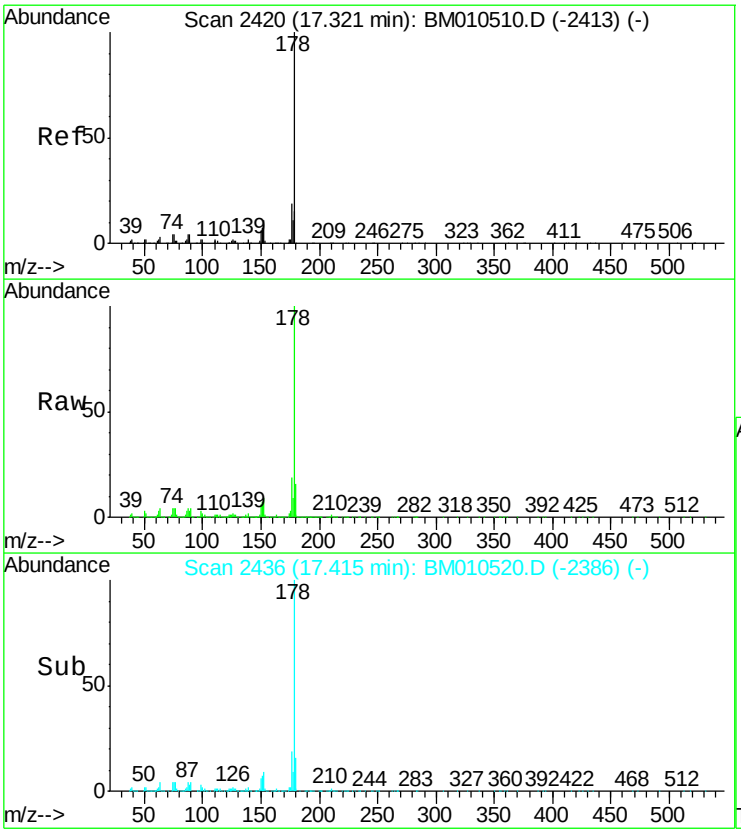
#58
Fluorene
Concen: 111.995 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:166 Resp: 3869267

Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.9	116.9
167	13.9	10.6	16.0

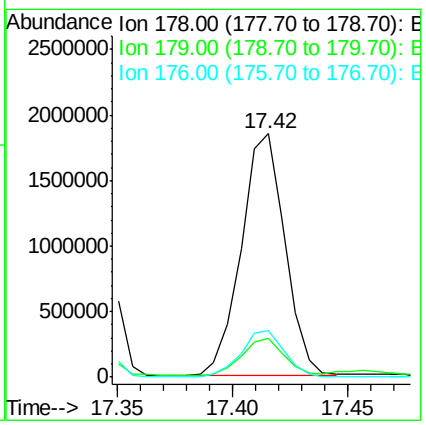


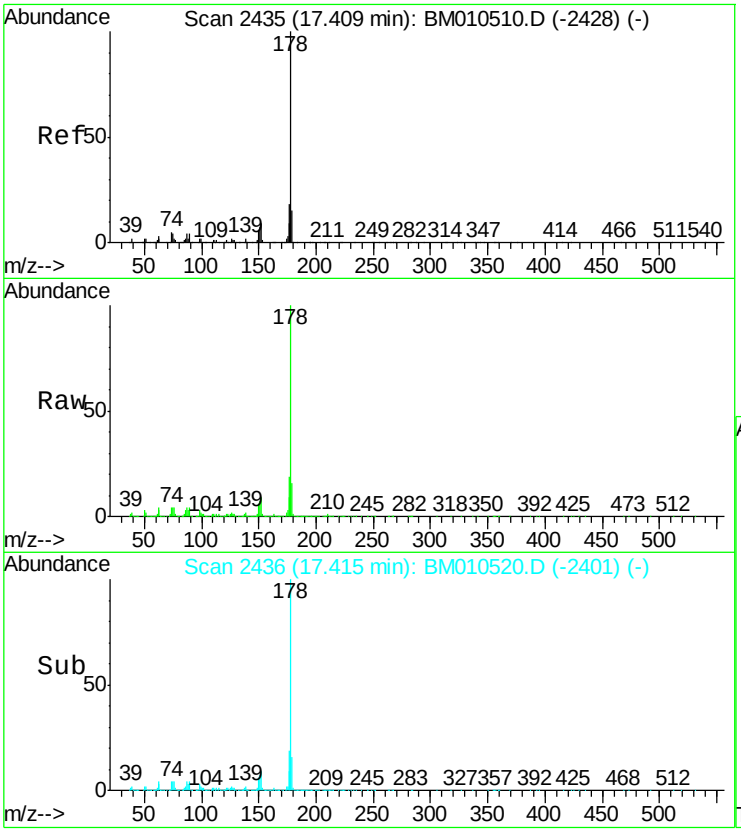


#69
Phenanthrene
Concen: 42.158 ng/ul
RT: 17.42 min Scan# 2436
Delta R.T. 0.09 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:178 Resp: 2454270

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.0	14.9	22.3



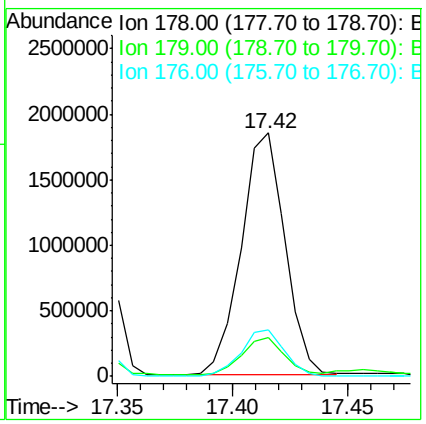


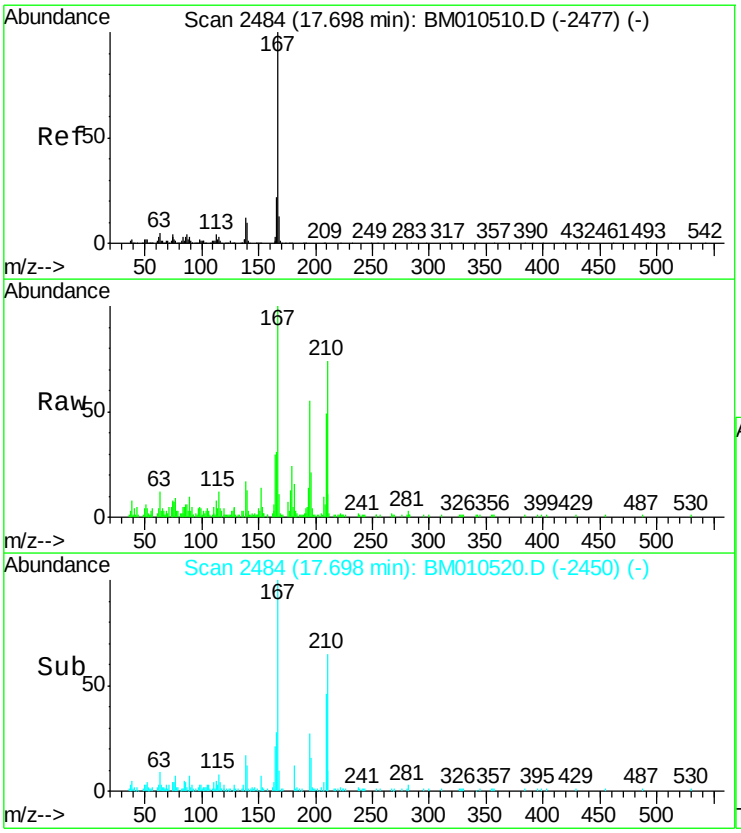
#71
Anthracene
Concen: 40.382 ng/ul
RT: 17.42 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:178 Resp: 2454270

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	19.0	14.6	21.8

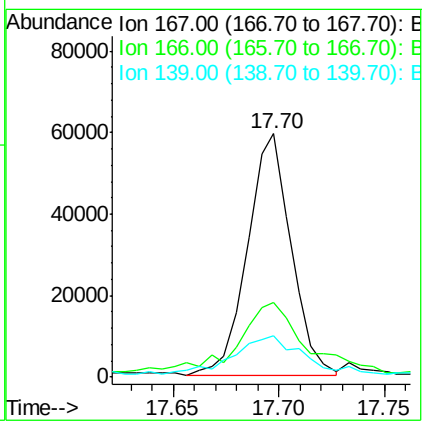


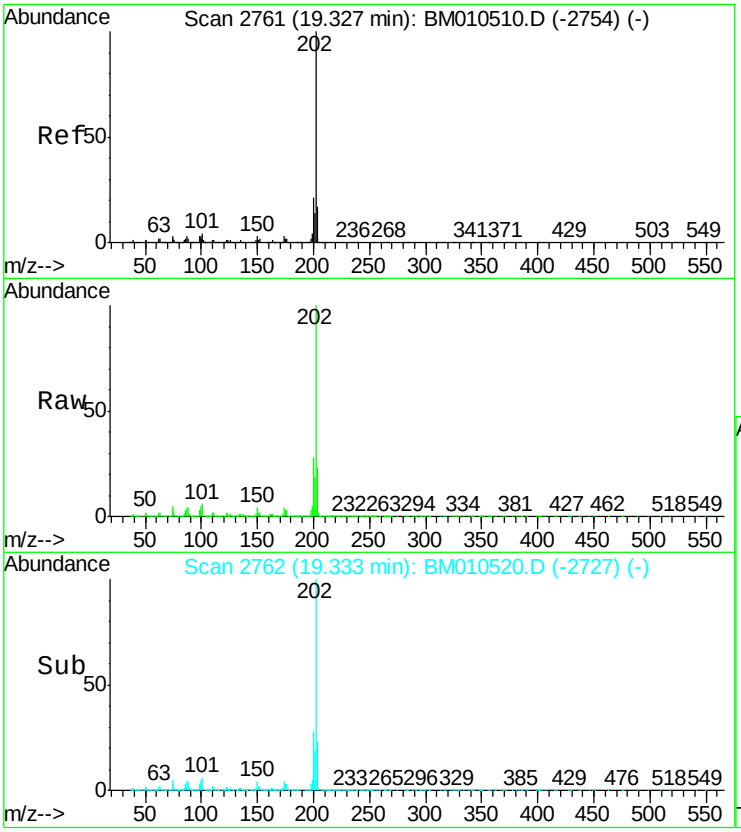


#72
Carbazole
Concen: 1.647 ng/ul
RT: 17.70 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:167 Resp: 84727

Ion	Ratio	Lower	Upper
167	100		
166	30.8	17.1	25.7#
139	17.2	10.0	15.0#



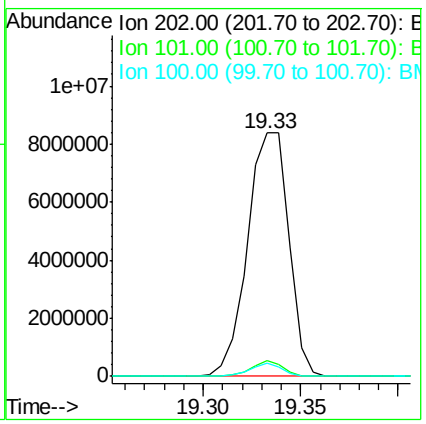


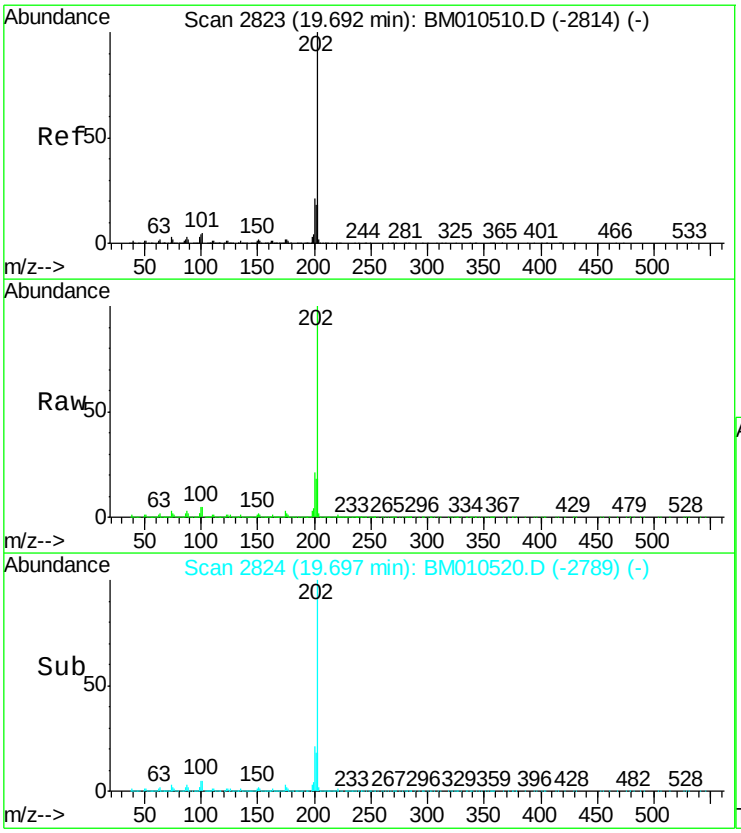
#74
Fluoranthene
Concen: 171.790 ng/ul
RT: 19.33 min Scan# 2762
Delta R.T. 0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:202 Resp:12298420

Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	5.4	3.4	5.2#

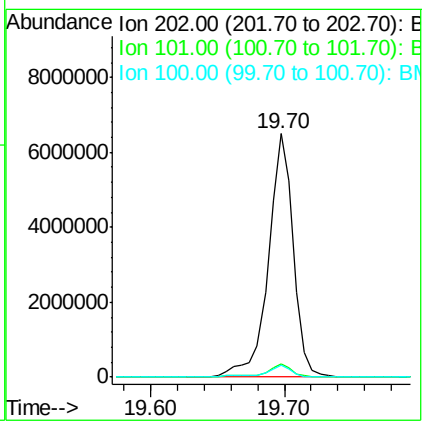


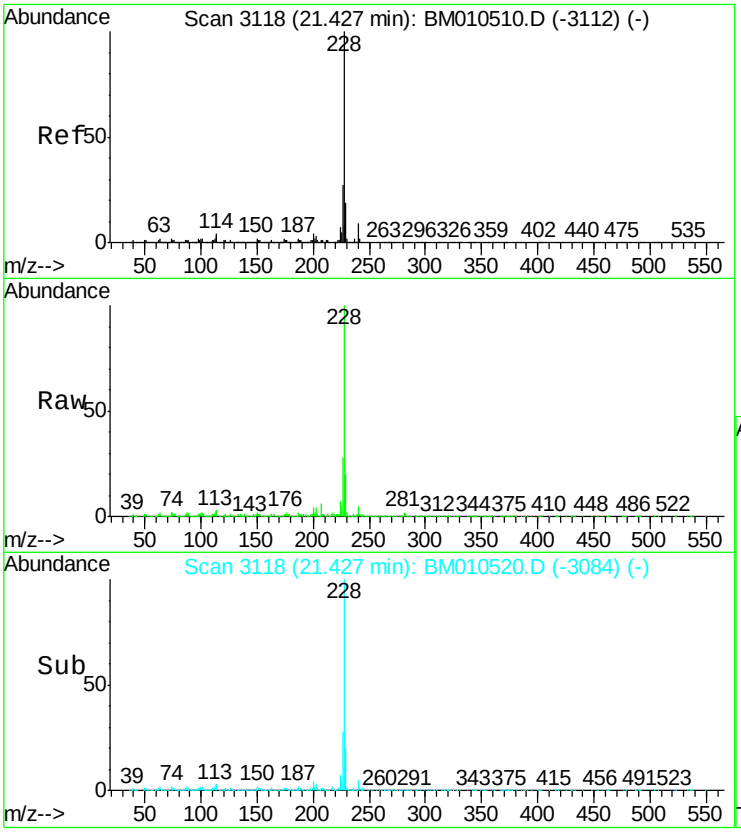


#77
Pyrene
Concen: 123.243 ng/ul
RT: 19.70 min Scan# 2824
Delta R.T. 0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:202 Resp: 8472991

Ion	Ratio	Lower	Upper
202	100		
101	5.2	5.1	7.7
100	4.8	4.9	7.3#



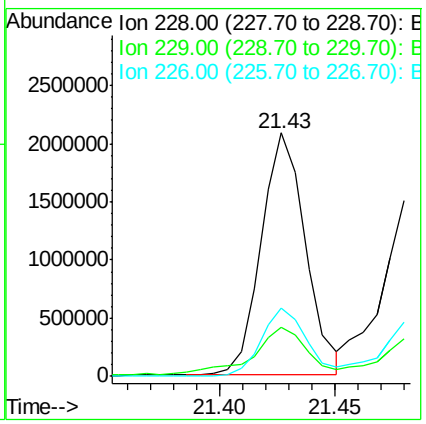


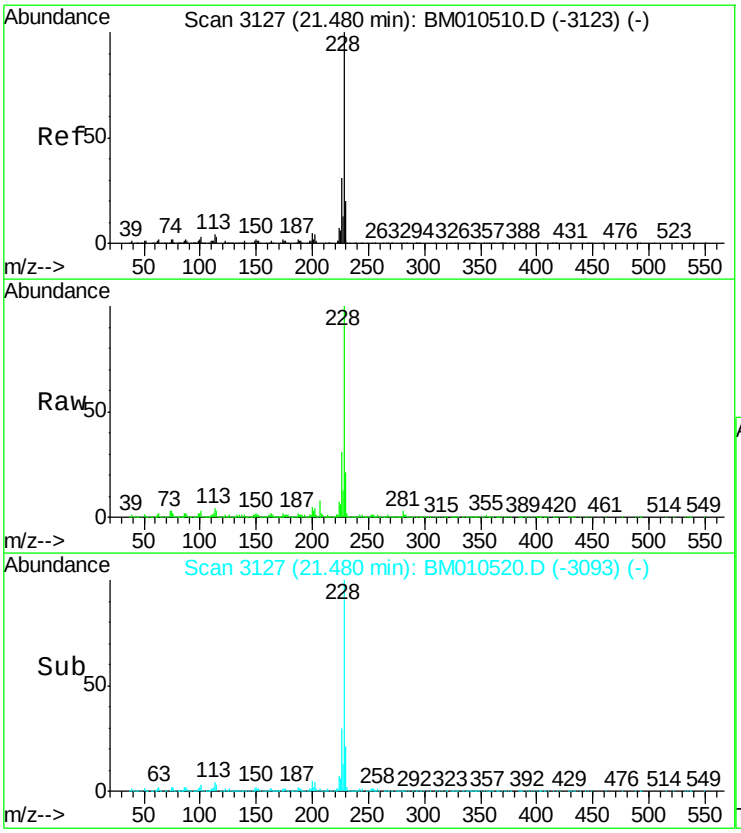
#80
Benzo(a)anthracene
Concen: 36.928 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:228 Resp: 2778279

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.0
226	27.8	21.4	32.0

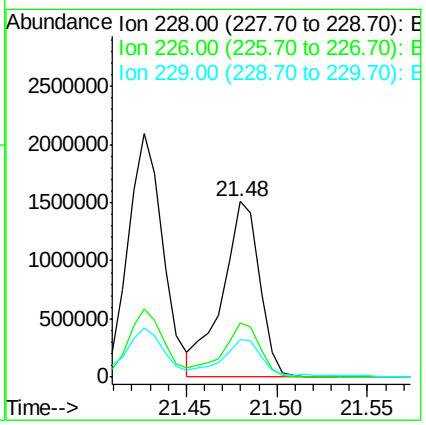


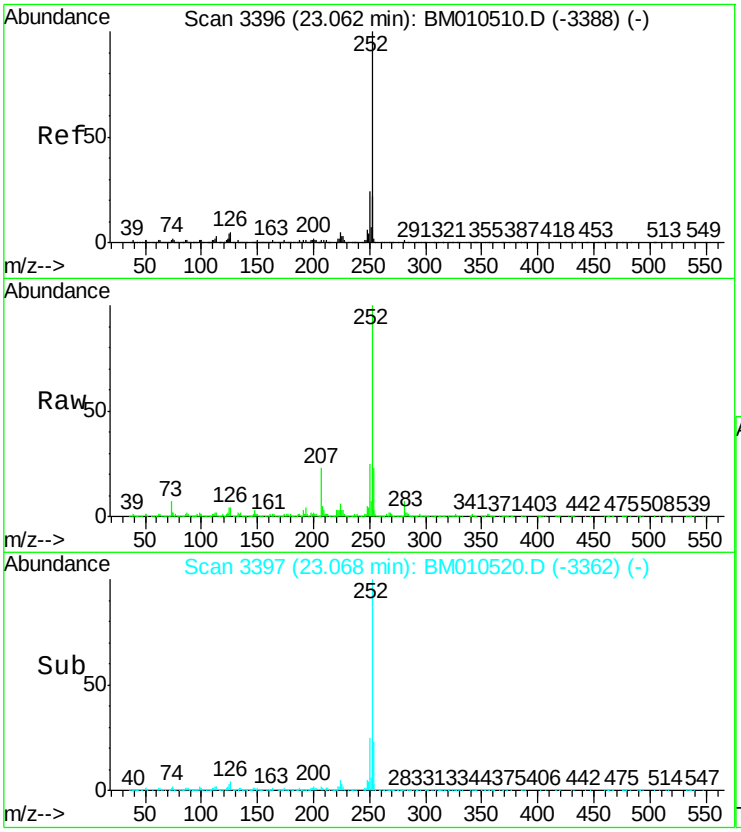


#82
Chrysene
Concen: 31.686 ng/ul
RT: 21.48 min Scan# 3127
Delta R.T. 0.00 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:228 Resp: 2154979

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	21.4	15.5	23.3



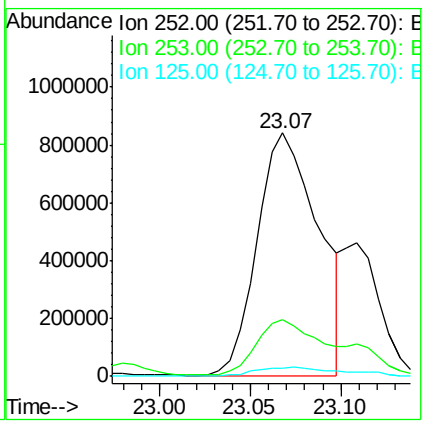


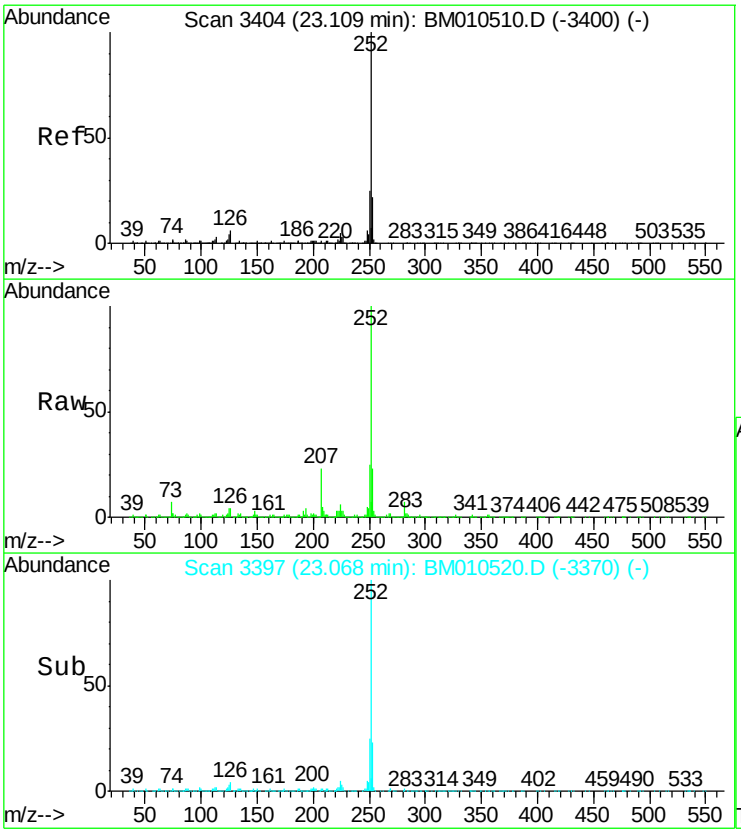
#85
Benzo(b)fluoranthene
Concen: 27.290 ng/ul
RT: 23.07 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:252 Resp: 1975123

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	3.5	3.6	5.4#

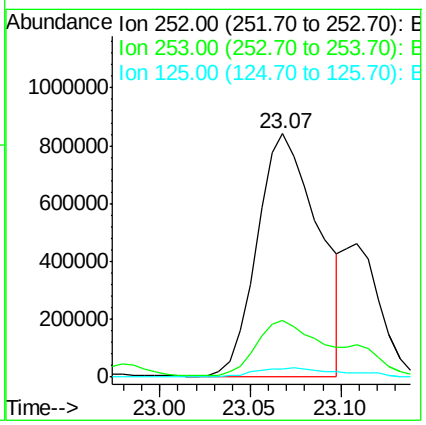


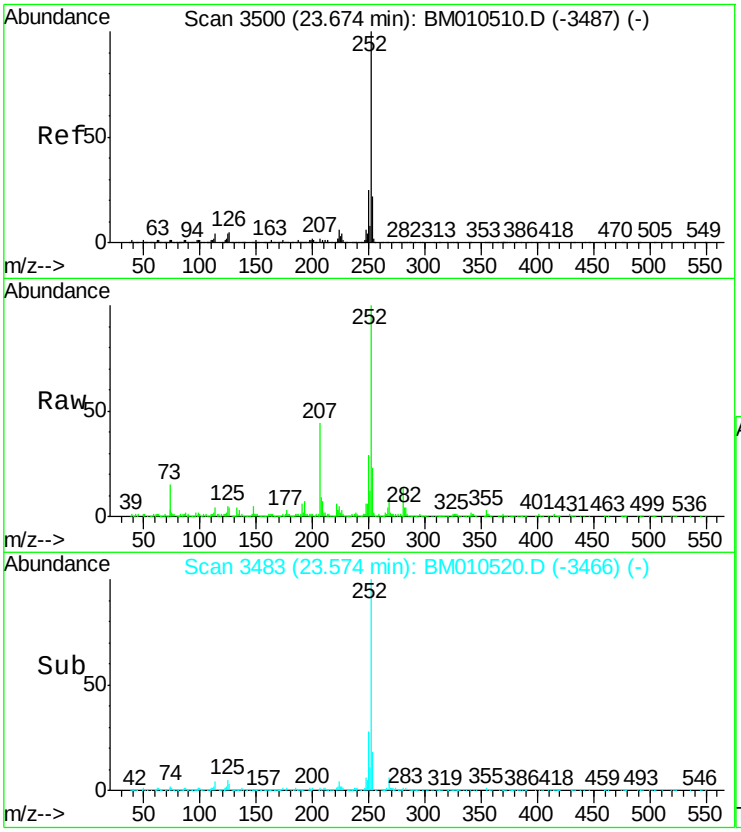


#86
Benzo(k)fluoranthene
Concen: 28.567 ng/ul
RT: 23.07 min Scan# 3397
Delta R.T. -0.04 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:252 Resp: 1975123

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	3.5	3.4	5.2



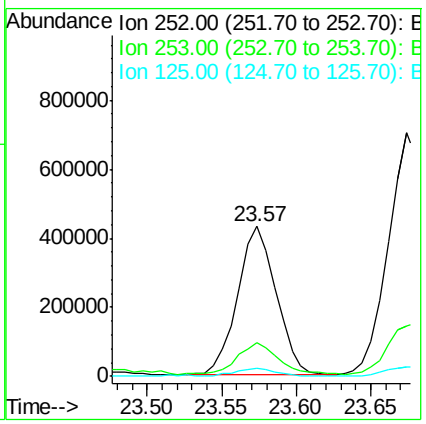


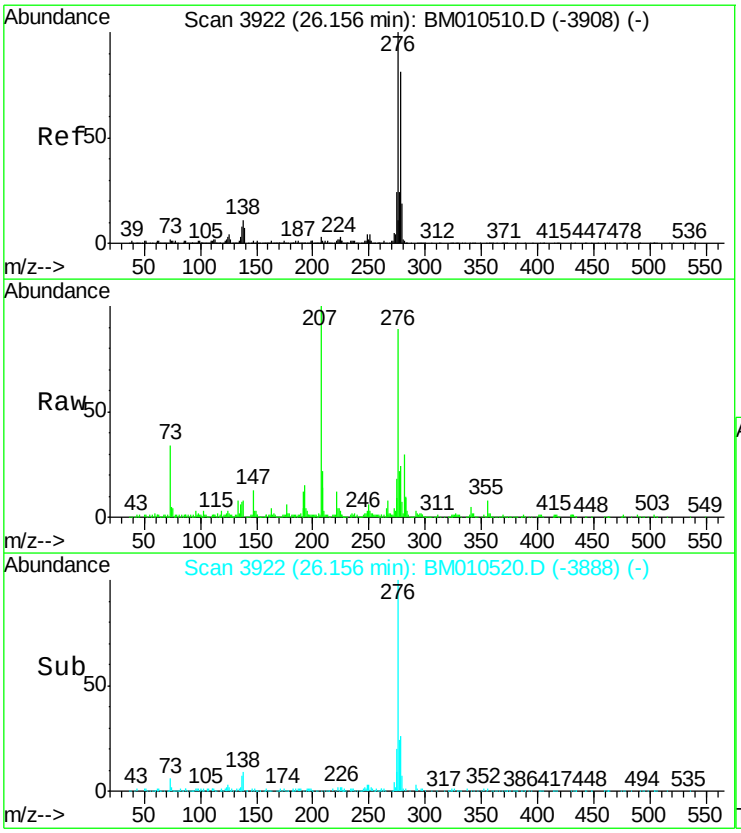
#88
Benzo(a)pyrene
Concen: 10.768 ng/ul
RT: 23.57 min Scan# 3483
Delta R.T. -0.10 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:252 Resp: 772479

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	5.5	4.0	6.0

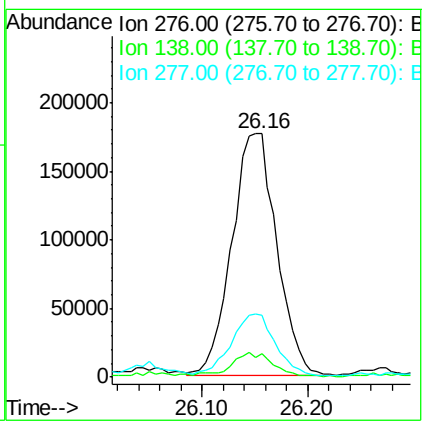


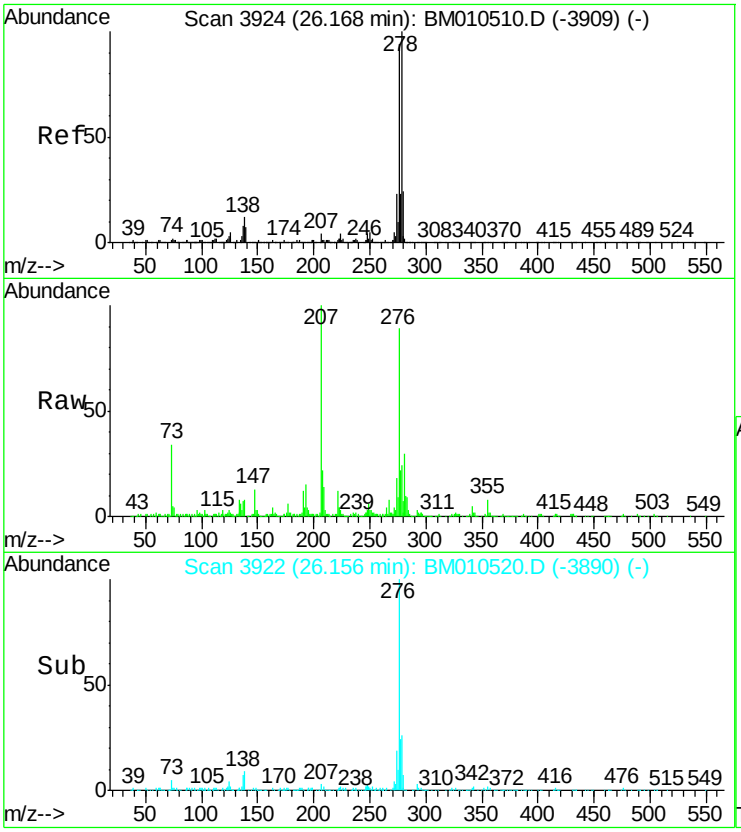


#89
Indeno(1,2,3-cd)pyrene
Concen: 5.766 ng/ul
RT: 26.16 min Scan# 3922
Delta R.T. 0.00 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:276 Resp: 522599

Ion	Ratio	Lower	Upper
276	100		
138	9.4	9.3	13.9
277	25.2	19.9	29.9



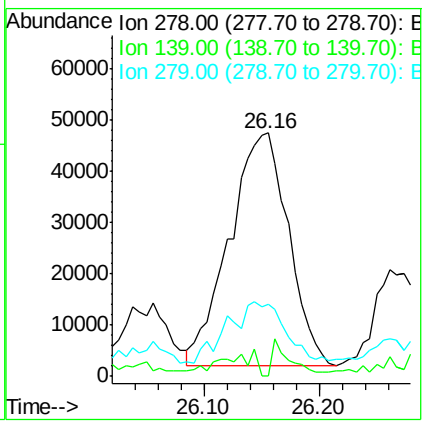


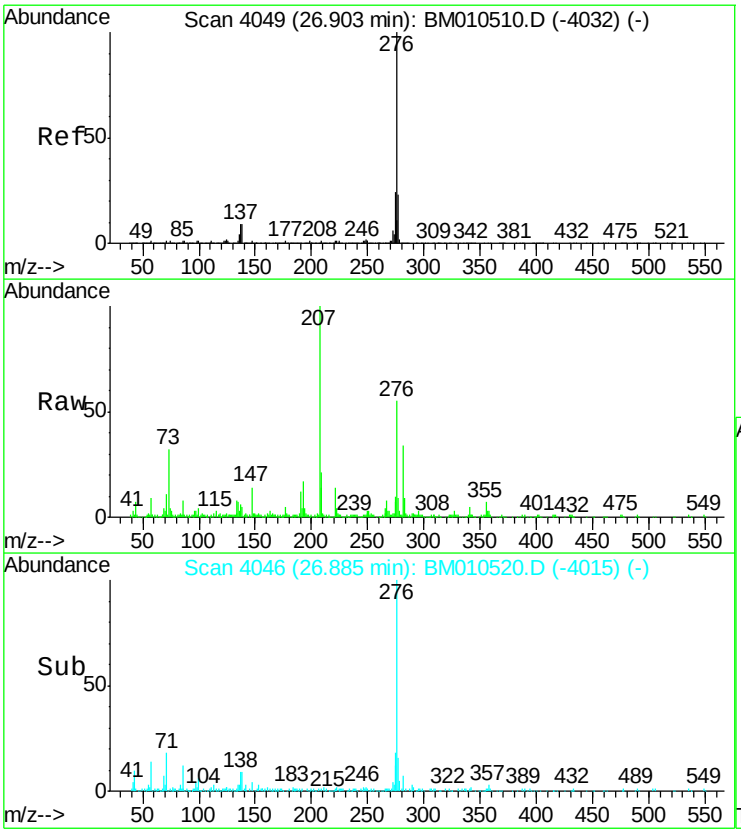
#90
Dibenzo(a,h)anthracene
Concen: 2.064 ng/ul
RT: 26.16 min Scan# 3922
Delta R.T. -0.01 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Instrument :
BNA_M
ClientSampleId :
F5D32

Tgt Ion:278 Resp: 161137

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	29.7	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 4.696 ng/ul
RT: 26.89 min Scan# 4046
Delta R.T. -0.02 min
Lab File: BM010520.D
Acq: 11 Jun 2017 11:58

Tgt Ion:276 Resp: 350615

Ion	Ratio	Lower	Upper
276	100		
138	10.0	8.5	12.7
277	16.8	18.6	28.0#