Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010707.D
Acq On : 24 Jun 2017 01:26
Operator : SJ/JU
Sample : I3625-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C83

Quant Time: Jun 24 04:42:25 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	166755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	734188	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.12	164	501770	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.88	188	1114177	20.00	ng/ul	0.01
75) Chrysene-d12	21.10	240	1219042	20.00	ng/ul	0.02
83) Perylene-d12	23.23	264	846846	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	5398	1.85	ng/uL	0.00
5) Phenol-d5	6.65	99	147366	9.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	84771	9.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	115675	10.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	134205	10.19	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	64716	12.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	78183	12.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	143805	11.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	173411	12.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	518731	11.78	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	600373	11.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	80556	10.39	ng/ul	0.00
57) Fluorene-d10	15.12	176	443556	11.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.27	200	72718	10.63	ng/ul	0.02
70) Anthracene-d10	16.99	188	692623	12.87	ng/ul	0.02
76) Pyrene-d10	19.29	212	856273	15.12	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.10	264	557420	13.62	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.68	94	772215	47.197	ng/ul	94
11) 2-Methylphenol	7.90	108	341133	27.355	ng/ul	95
16) 4-Methylphenol	8.25	108	1177909	85.848	ng/ul	100
17) Hexachloroethane	8.56	117	9680	1.954	ng/ul#	1
24) 2,4-Dimethylphenol	9.42	107	296693	18.224	ng/ul	99
30) 4-Chloroaniline	10.32	127	5615172	417.078	ng/ul#	22
34) 2-Methylnaphthalene	11.92	142	7868689	267.915	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	1585186	40.409	ng/ul	100
44) Dimethylphthalate	13.59	163	154032	3.567	ng/ul	99
47) Acenaphthylene	13.83	152	145791	2.988	ng/ul#	77
49) Acenaphthene	14.19	153	4672289	141.935	ng/ul	99
53) Dibenzofuran	14.53	168	6336980	127.114	ng/ul	91
54) 2,4-Dinitrotoluene	14.49	165	12072	1.040	ng/ul#	45
58) Fluorene	15.19	166	5091659	121.988	ng/ul	99
60) 4-Nitroaniline	15.19	138	71393	8.014	ng/ul#	1
69) Phenanthrene	17.02	178	3556314	60.039	ng/ul	99
71) Anthracene	17.02	178	3556314	58.276	ng/ul	99
72) Carbazole	17.28	167	347268	6.523	ng/ul	95
77) Pyrene	19.33	202	15500225	220.136	ng/ul#	88
80) Benzo(a)anthracene	21.08	228	4993839	70.346	ng/ul	97
82) Chrysene	21.13	228	3681835	58.170	ng/ul	98
85) Benzo(b)fluoranthene	22.60	252	1881111	34.220	ng/ul#	99
86) Benzo(k)fluoranthene	22.60	252	1881111	36.096	ng/ul#	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010707.D
Acq On : 24 Jun 2017 01:26
Operator : SJ/JU
Sample : I3625-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C83

Quant Time: Jun 24 04:42:25 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)
88) Benzo(a)pyrene	23.14	252	1143694	22.599	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.34	276	337856	6.437	ng/ul	98
90) Dibenzo(a,h)anthracene	25.33	278	98123	2.243	ng/ul#	98
91) Benzo(g,h,i)perylene	25.98	276	213308	5.105	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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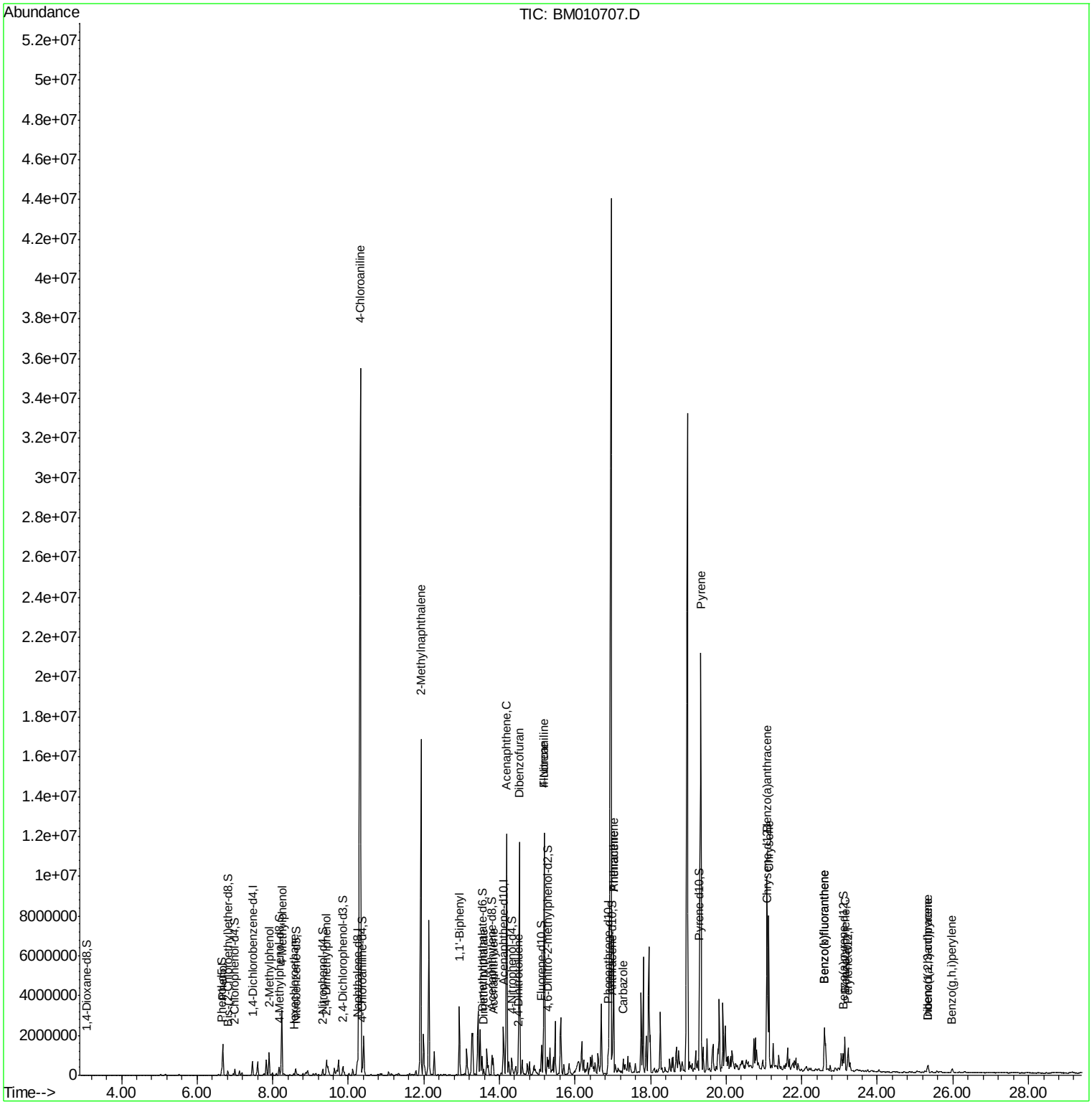
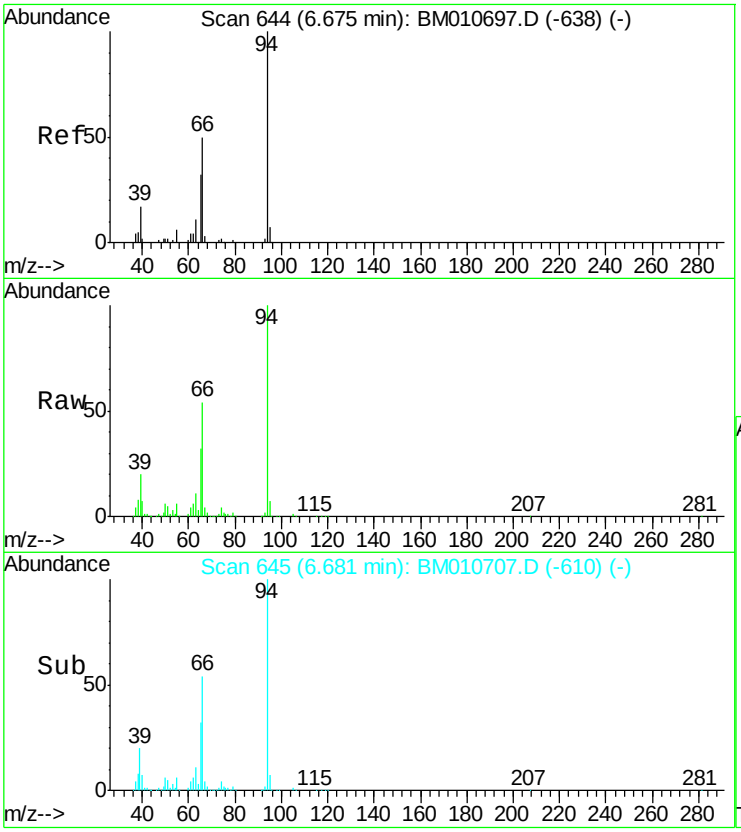
Acq On : 24 Jun 2017 01:26
Operator : SJ/JU
Sample : I3625-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5C83

Quant Time: Jun 24 04:42:25 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



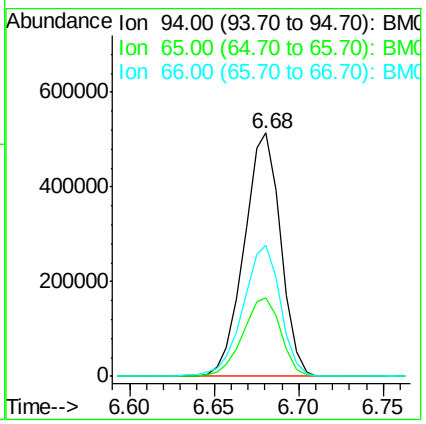


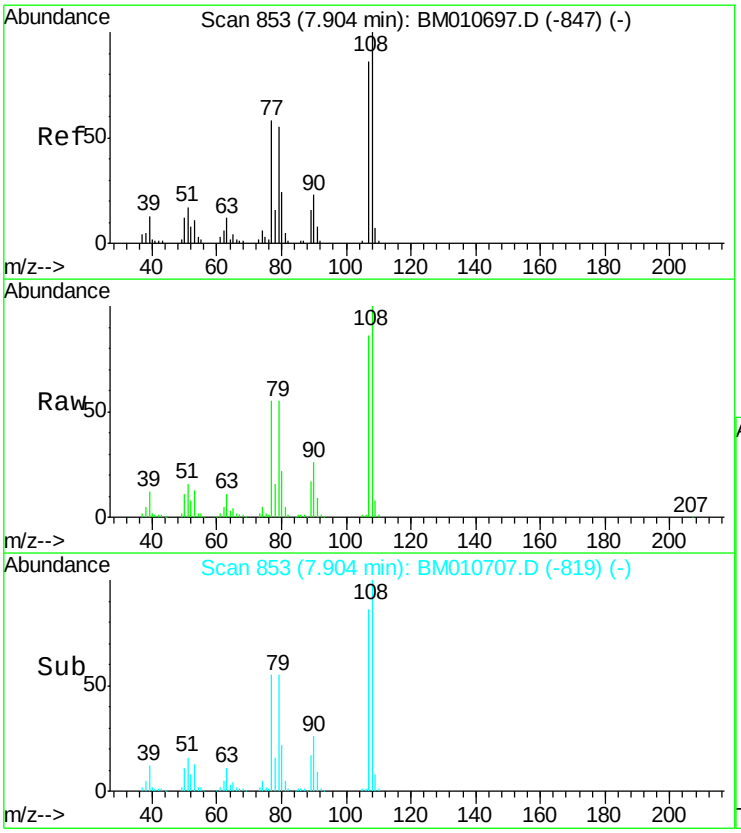
#6
Phenol
Concen: 47.197 ng/ul
RT: 6.68 min Scan# 645
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion: 94 Resp: 772215

Ion	Ratio	Lower	Upper
94	100		
65	32.1	28.2	42.4
66	53.9	47.2	70.8

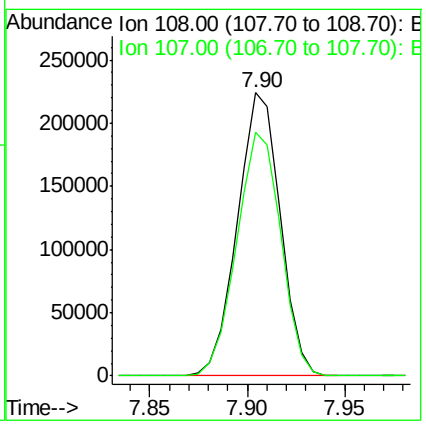


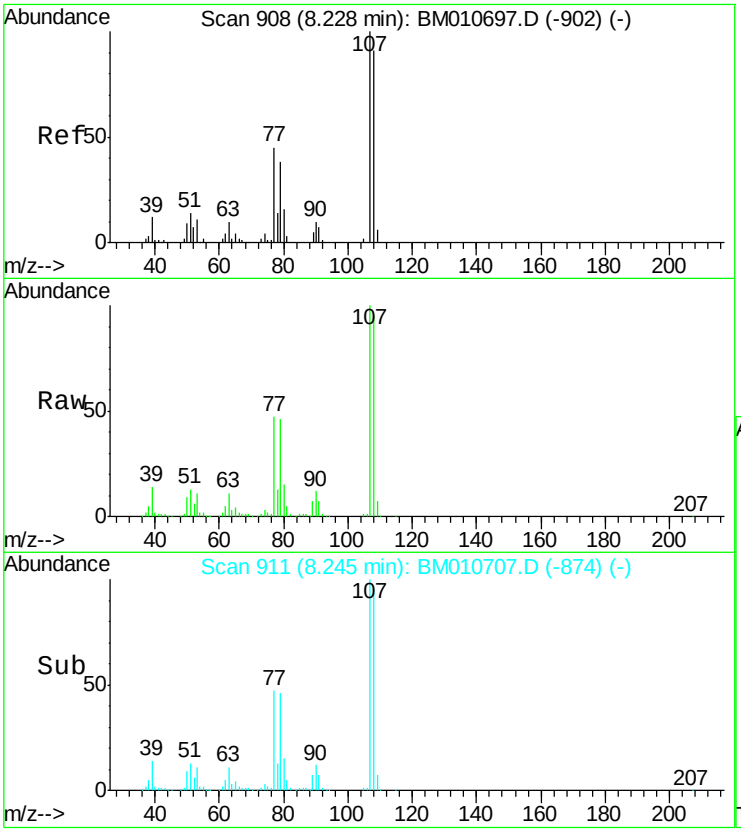


#11
2-Methylphenol
Concen: 27.355 ng/ul
RT: 7.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:108 Resp: 341133

Ion	Ratio	Lower	Upper
108	100		
107	86.1	72.6	108.8



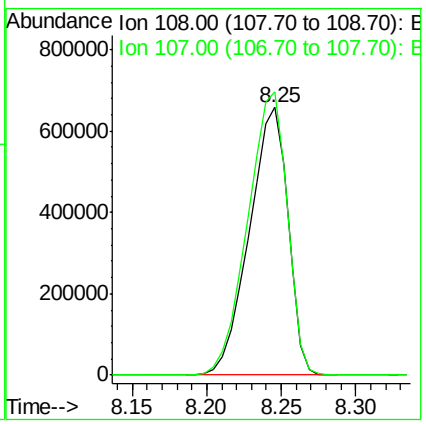


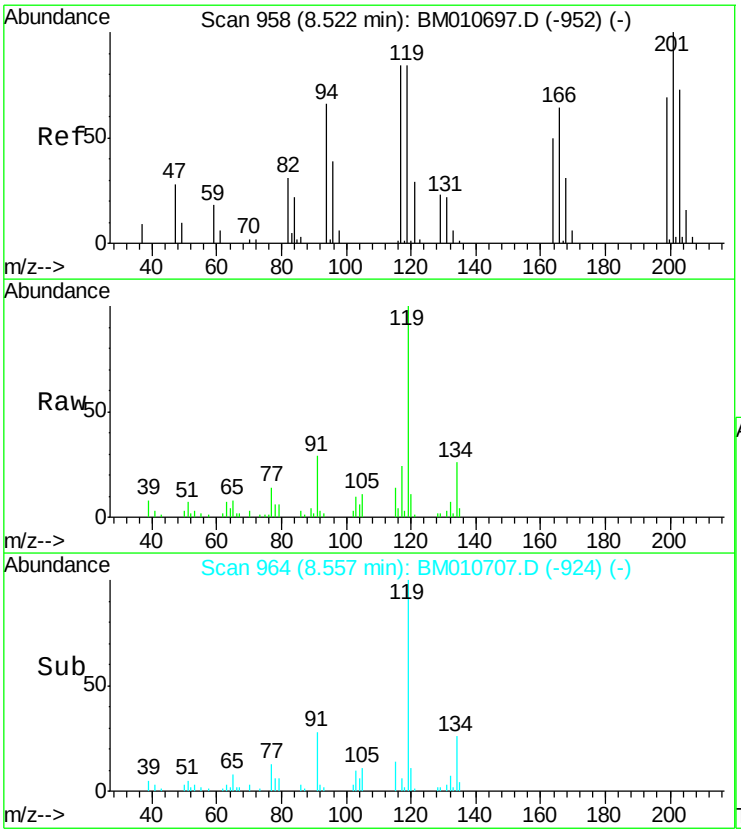
#16
4-Methylphenol
Concen: 85.848 ng/ul
RT: 8.25 min Scan# 911
Delta R.T. 0.02 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:108 Resp: 1177909

Ion	Ratio	Lower	Upper
108	100		
107	105.8	84.9	127.3

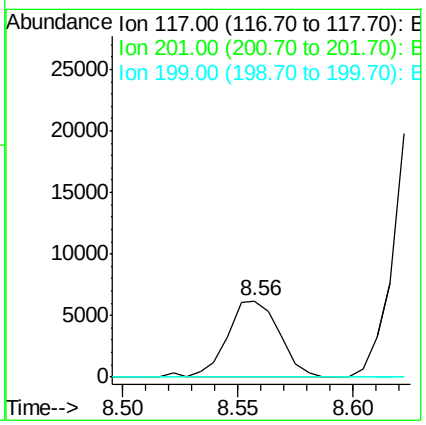


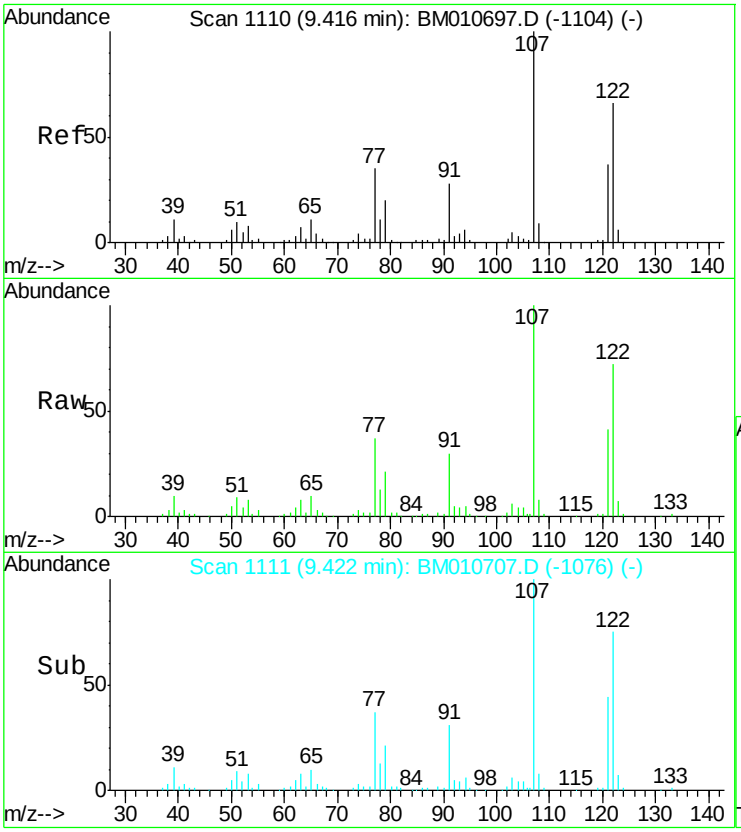


#17
Hexachloroethane
Concen: 1.954 ng/ul
RT: 8.56 min Scan# 964
Delta R.T. 0.04 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:117 Resp: 9680

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#



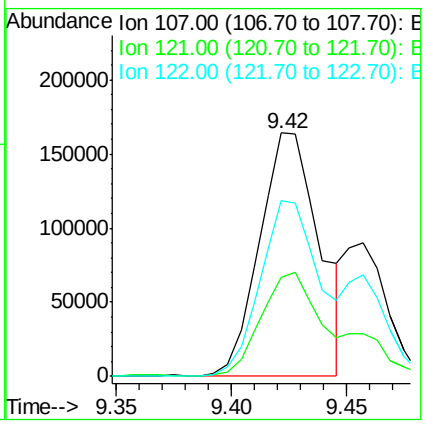


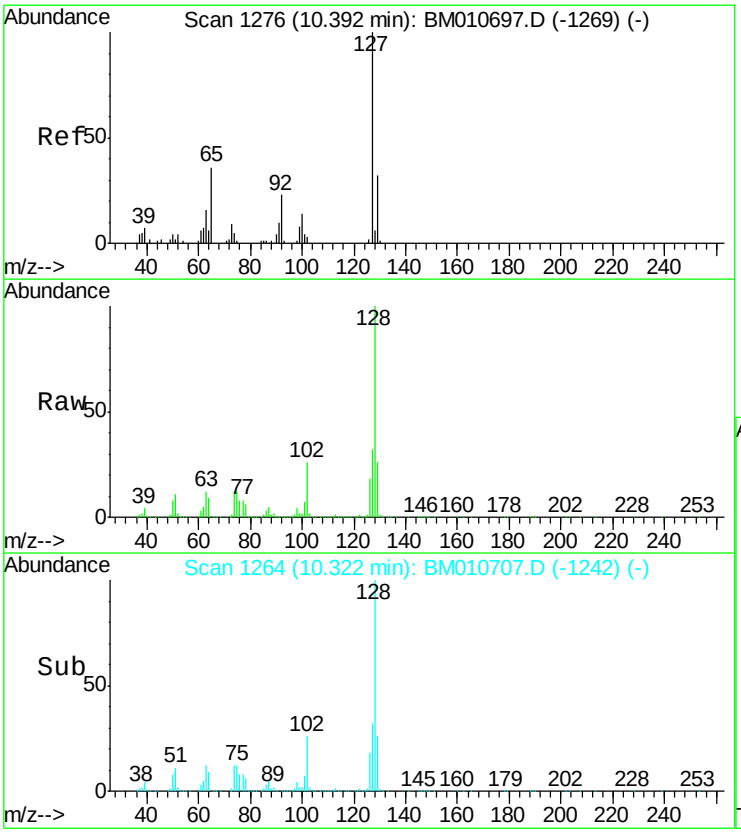
#24
2,4-Dimethylphenol
Concen: 18.224 ng/ul
RT: 9.42 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:107 Resp: 296693

Ion	Ratio	Lower	Upper
107	100		
121	40.8	31.9	47.9
122	72.3	57.8	86.6

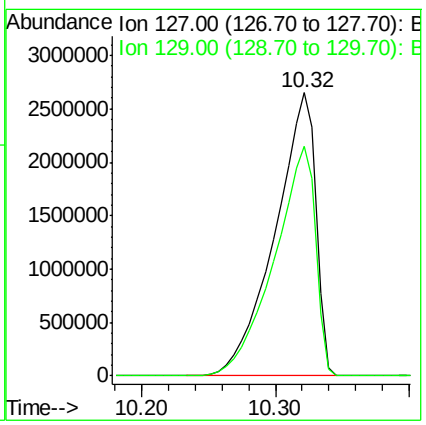


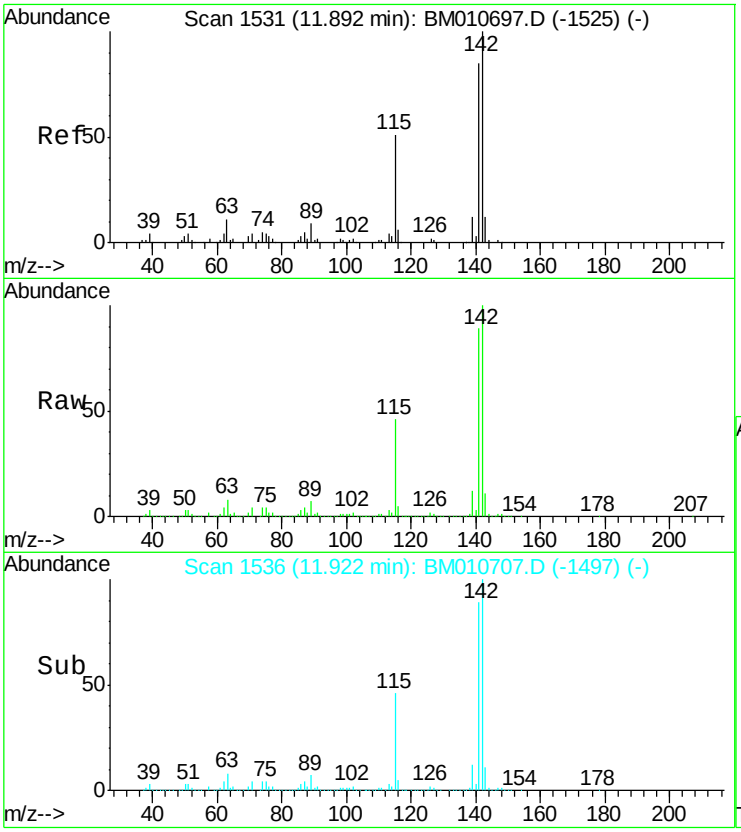


#30
4-Chloroaniline
Concen: 417.078 ng/ul
RT: 10.32 min Scan# 1264
Delta R.T. -0.07 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:127 Resp: 5615172

Ion	Ratio	Lower	Upper
127	100		
129	81.3	28.4	42.6#



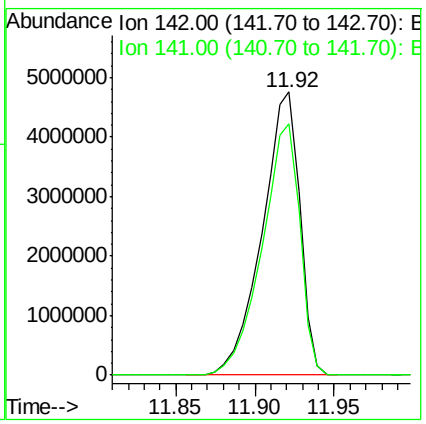


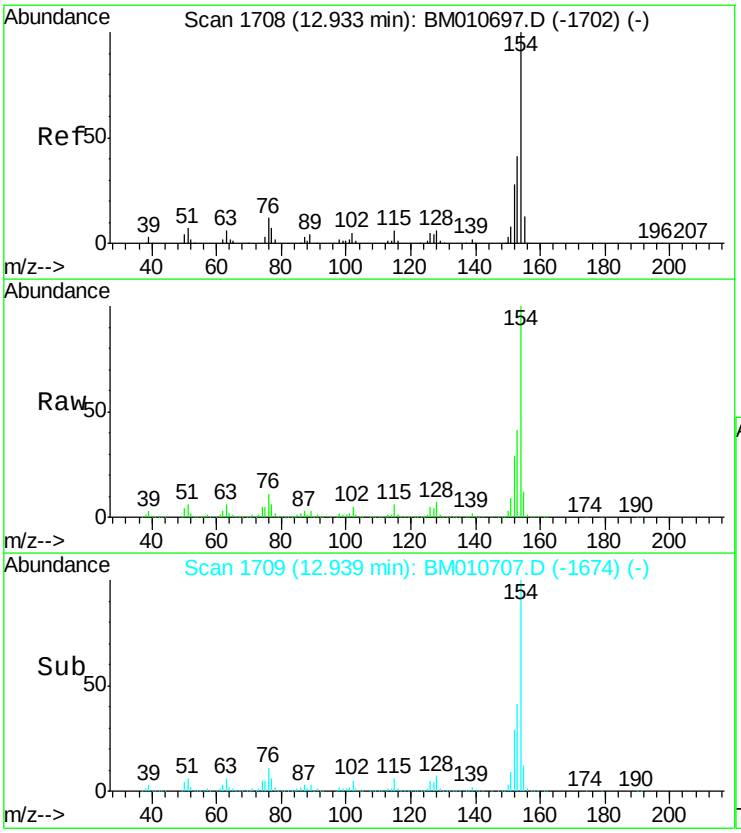
#34
2-Methylnaphthalene
Concen: 267.915 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. 0.03 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:142 Resp: 7868689

Ion	Ratio	Lower	Upper
142	100		
141	88.9	74.1	111.1

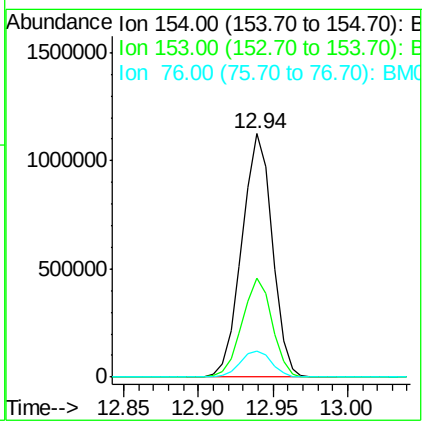


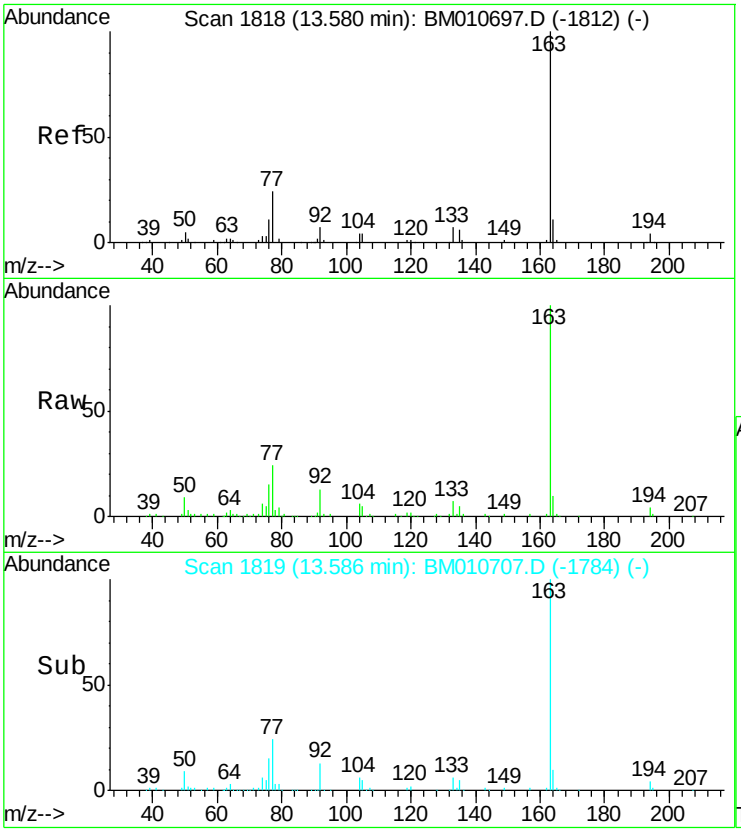


#40
1,1'-Biphenyl
Concen: 40.409 ng/ul
RT: 12.94 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:154 Resp: 1585186

Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	48.8
76	10.9	8.5	12.7



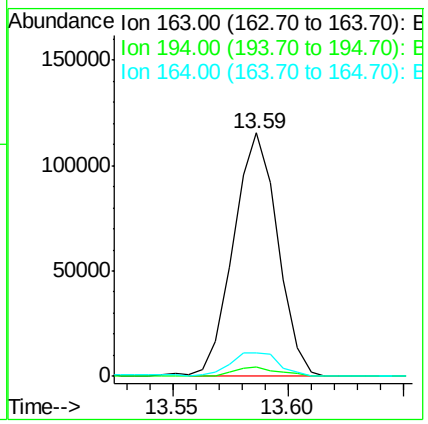


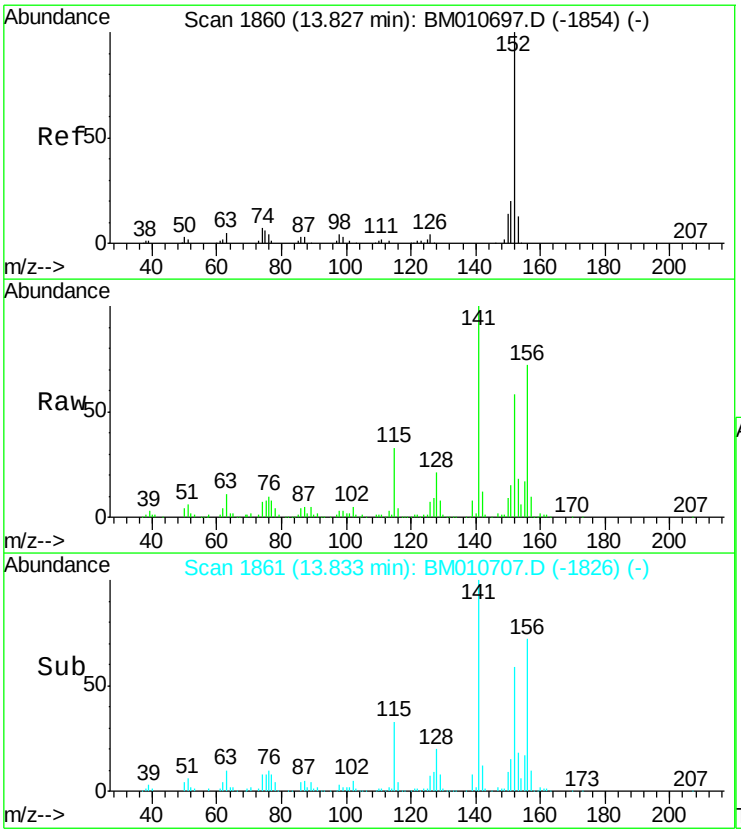
#44
Dimethylphthalate
Concen: 3.567 ng/ul
RT: 13.59 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:163 Resp: 154032

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.9	8.2	12.4

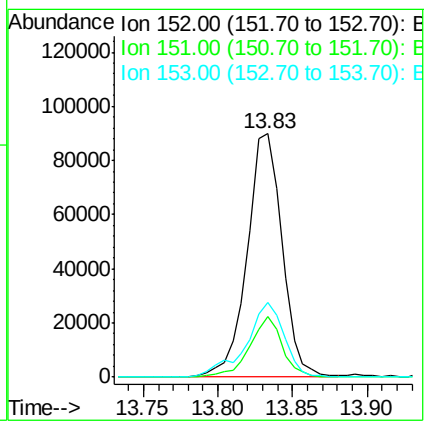


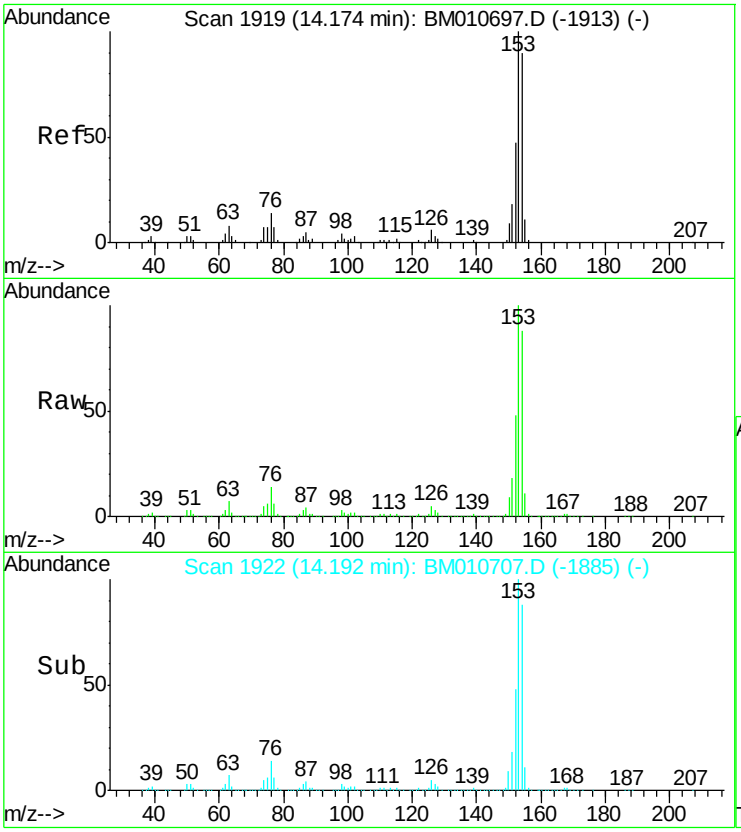


#47
Acenaphthylene
Concen: 2.988 ng/ul
RT: 13.83 min Scan# 1861
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:152 Resp: 145791

Ion	Ratio	Lower	Upper
152	100		
151	24.9	16.3	24.5#
153	30.6	10.2	15.4#



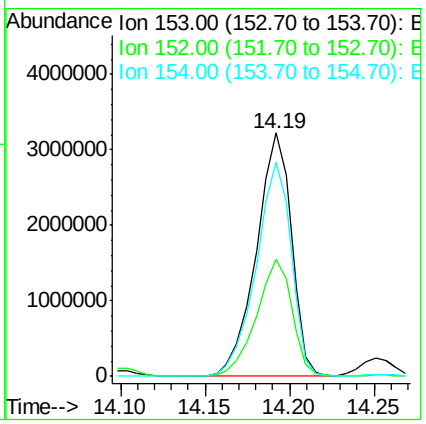


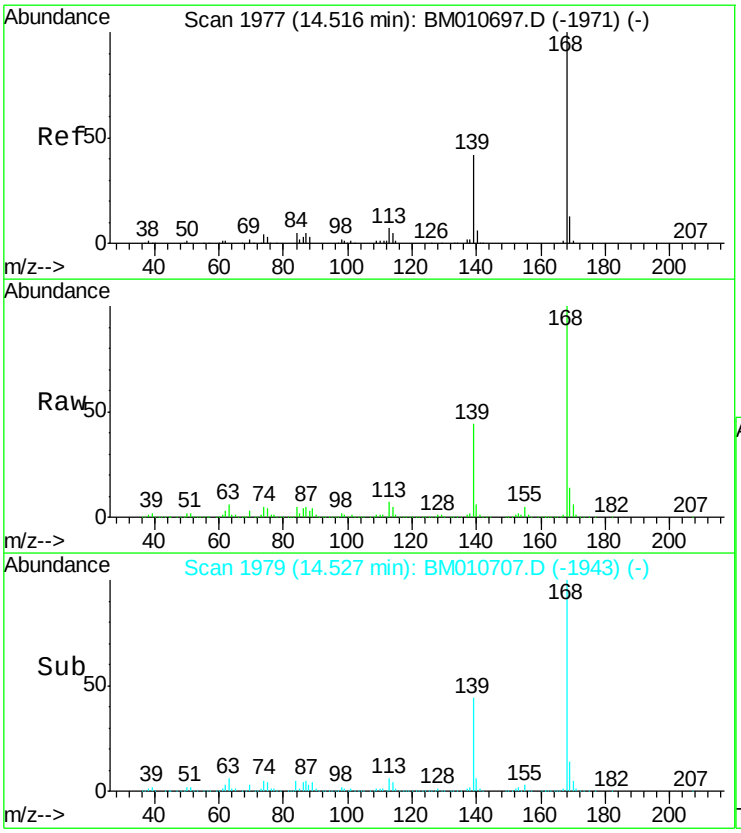
#49
Acenaphthene
Concen: 141.935 ng/ul
RT: 14.19 min Scan# 1922
Delta R.T. 0.02 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:153 Resp: 4672289

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.6	56.4
154	88.1	70.4	105.6

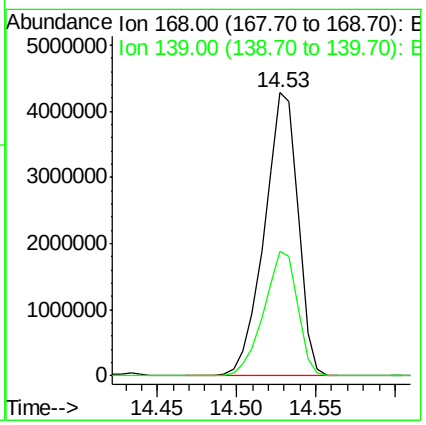


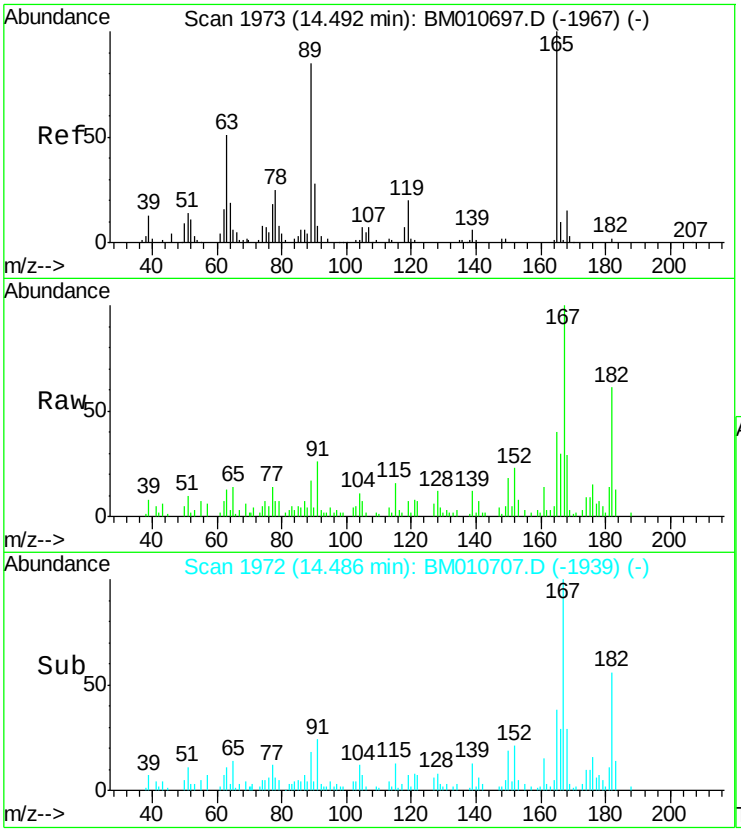


#53
Dibenzofuran
Concen: 127.114 ng/ul
RT: 14.53 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:168 Resp: 6336980

Ion	Ratio	Lower	Upper
168	100		
139	44.1	30.8	46.2



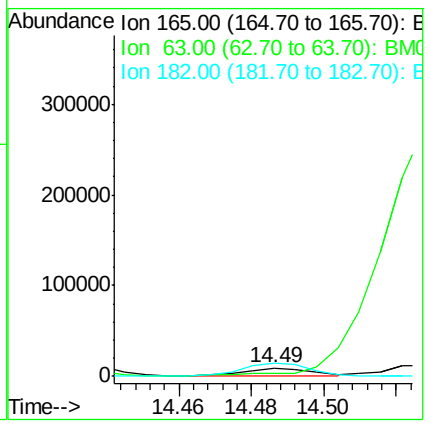


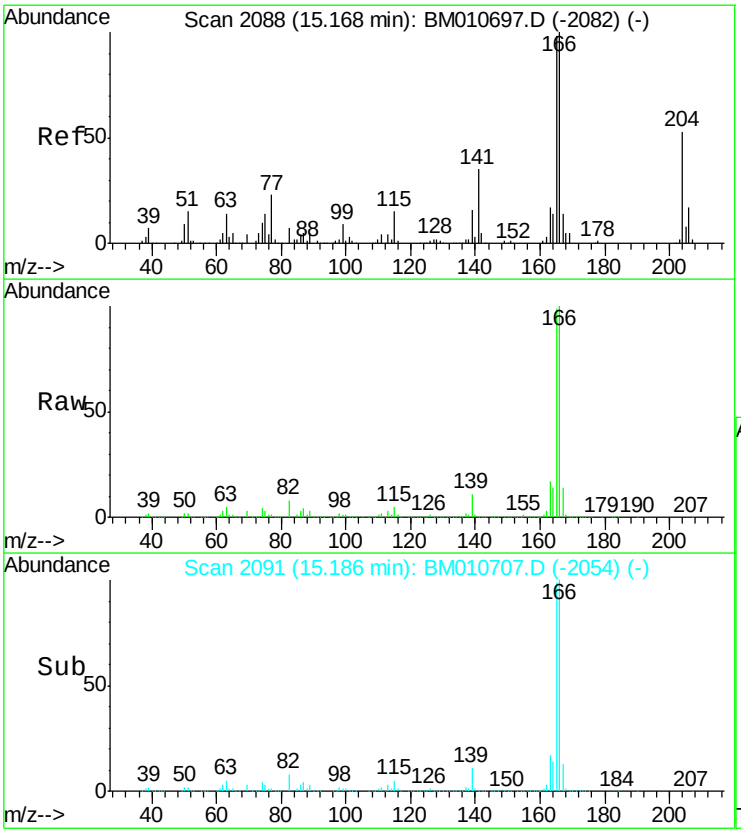
#54
2,4-Dinitrotoluene
Concen: 1.040 ng/ul
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:165 Resp: 12072

Ion	Ratio	Lower	Upper
165	100		
63	33.7	45.8	68.8#
182	153.5	2.6	4.0#

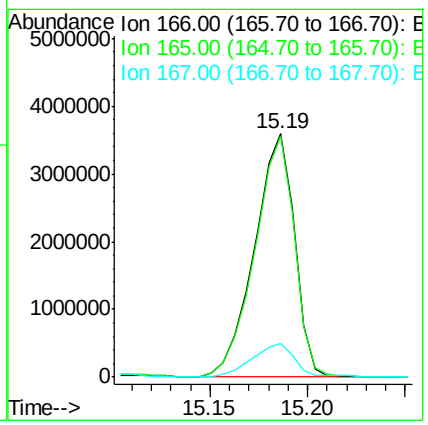


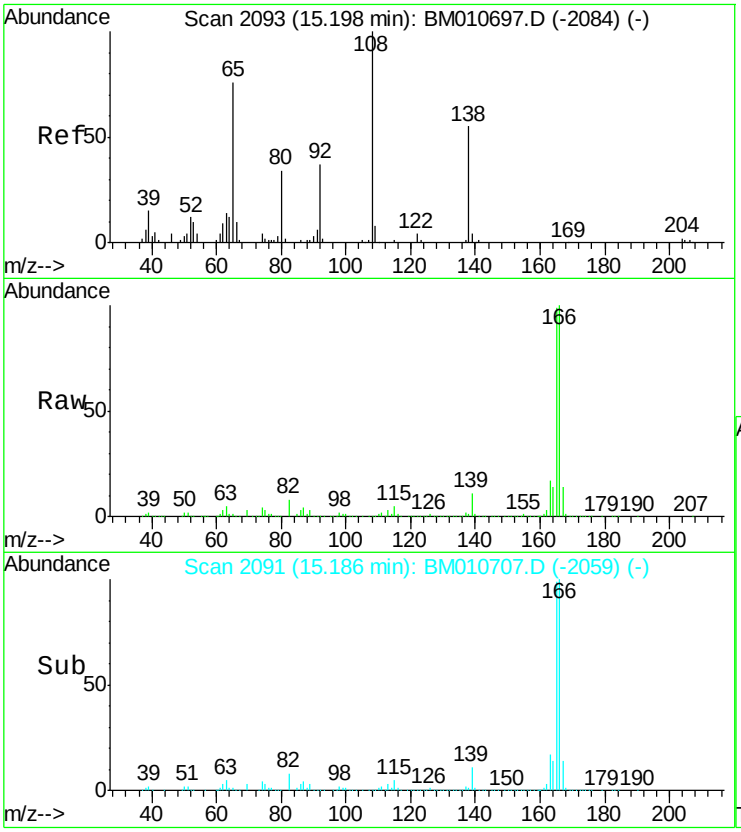


#58
Fluorene
Concen: 121.988 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. 0.02 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:166 Resp: 5091659

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	13.7	10.6	16.0



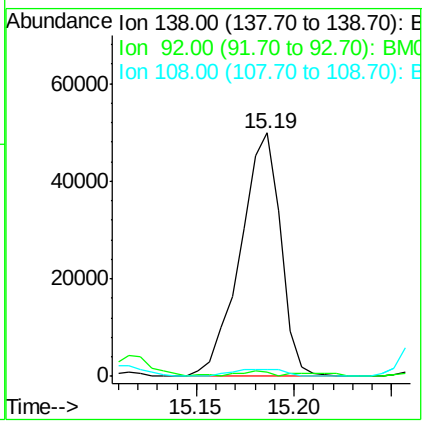


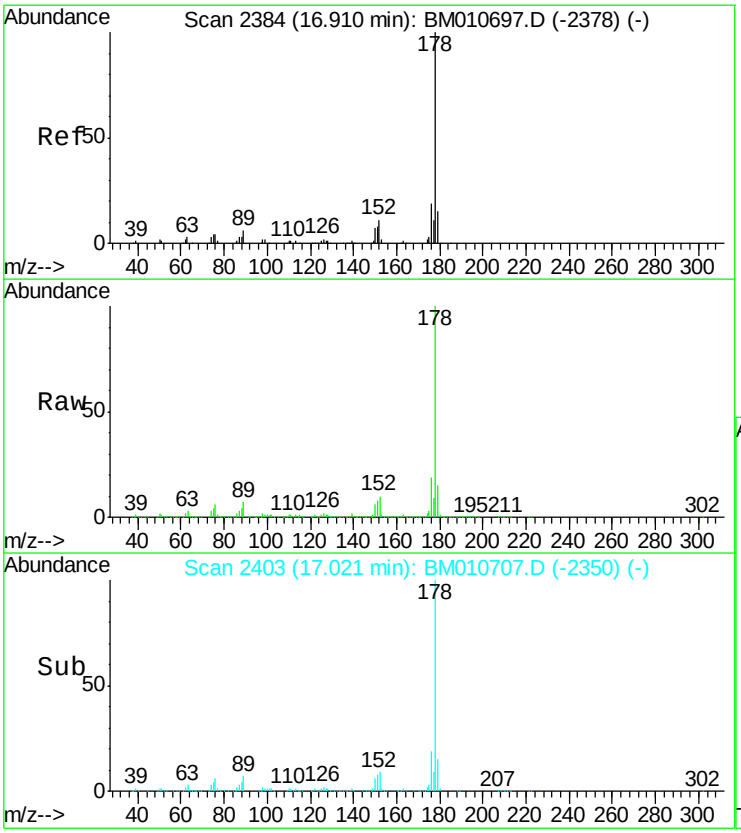
#60
4-Nitroaniline
Concen: 8.014 ng/ul
RT: 15.19 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:138 Resp: 71393

Ion	Ratio	Lower	Upper
138	100		
92	1.7	52.7	79.1#
108	2.8	140.4	210.6#

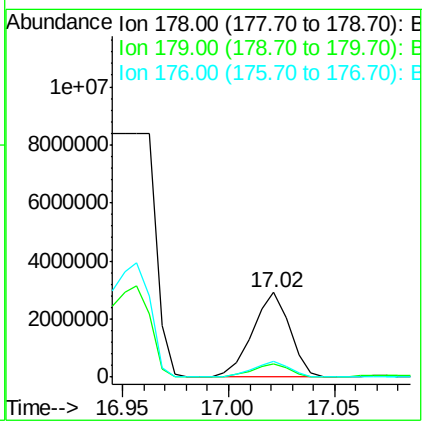


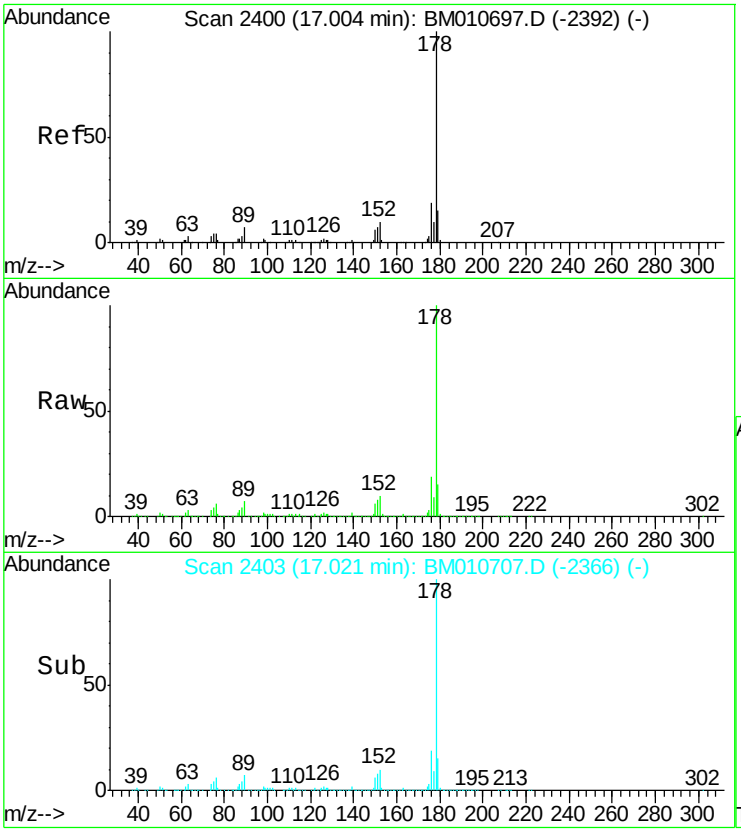


#69
Phenanthrene
Concen: 60.039 ng/ul
RT: 17.02 min Scan# 2403
Delta R.T. 0.11 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:178 Resp: 3556314

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.6	14.9	22.3



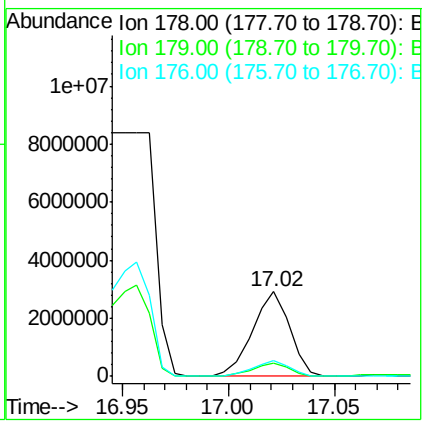


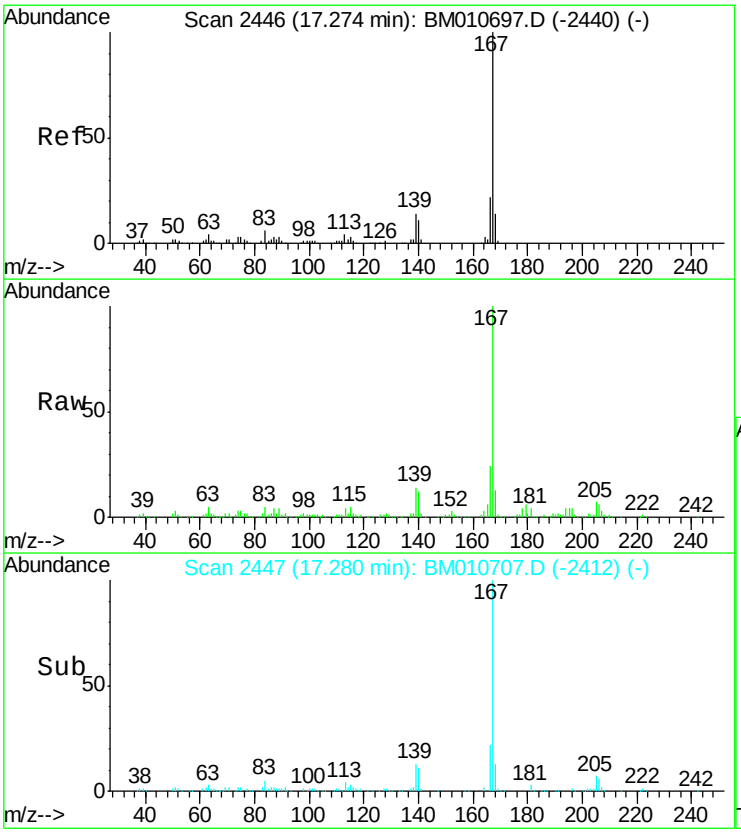
#71
Anthracene
Concen: 58.276 ng/ul
RT: 17.02 min Scan# 2403
Delta R.T. 0.02 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:178 Resp: 3556314

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.6	14.6	21.8

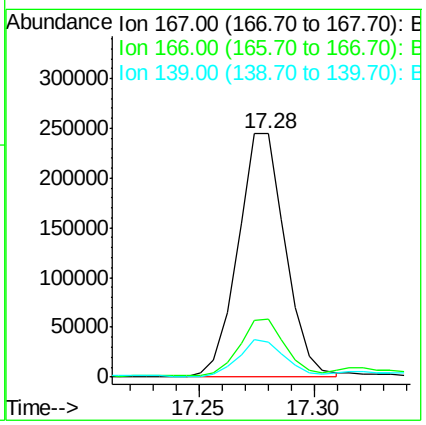


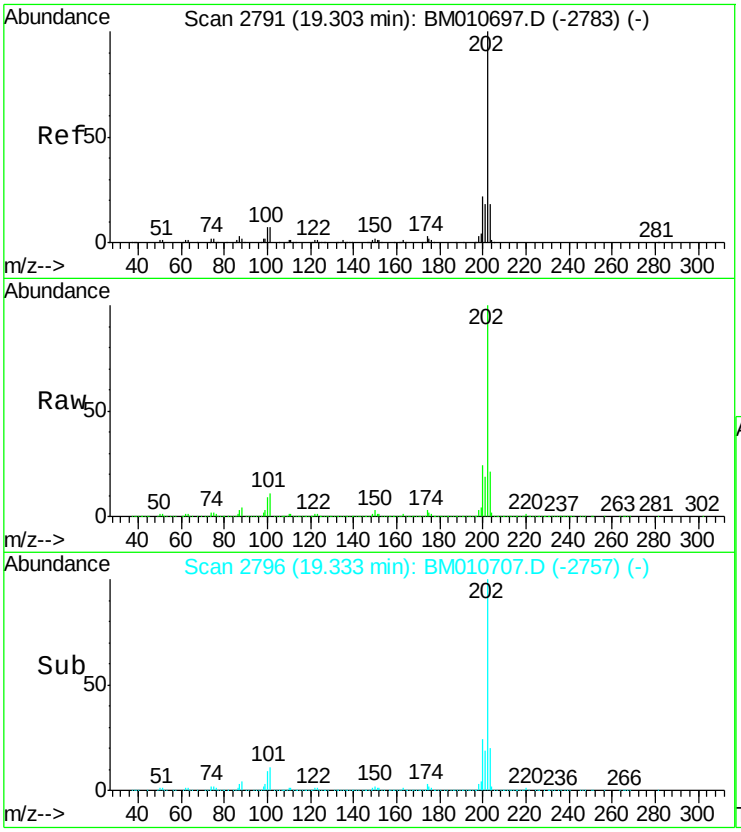


#72
Carbazole
Concen: 6.523 ng/ul
RT: 17.28 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:167 Resp: 347268

Ion	Ratio	Lower	Upper
167	100		
166	23.6	17.1	25.7
139	14.2	10.0	15.0



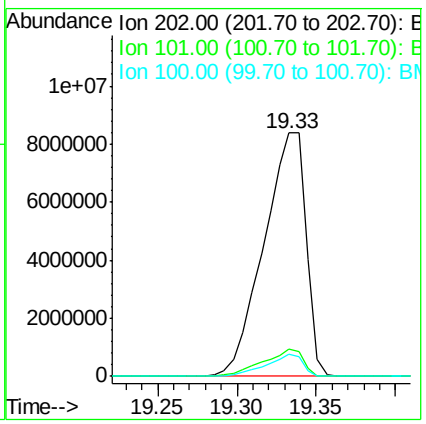


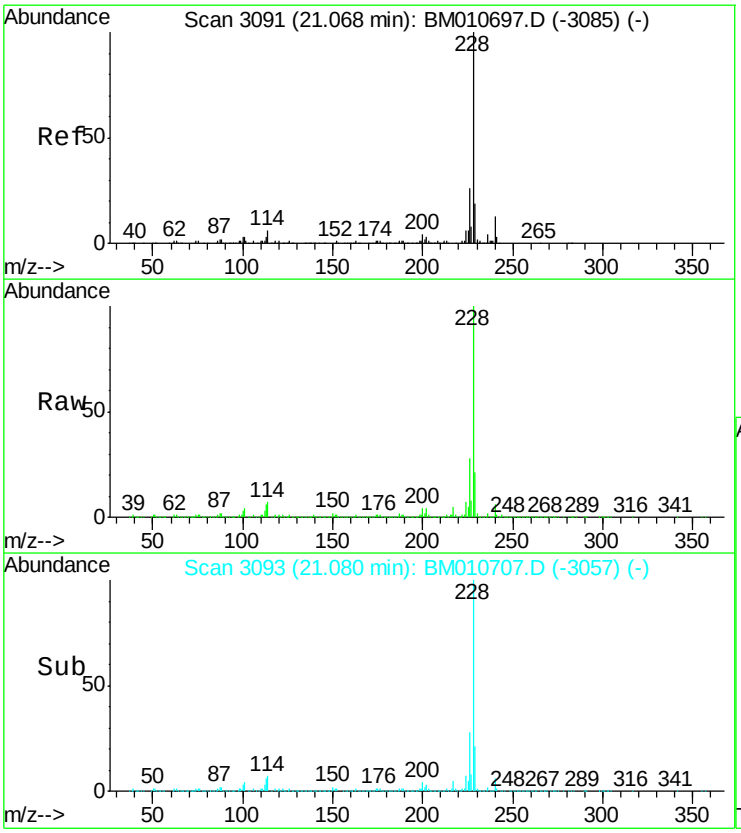
#77
Pyrene
Concen: 220.136 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. 0.03 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:202 Resp:15500225

Ion	Ratio	Lower	Upper
202	100		
101	11.3	5.1	7.7#
100	9.0	4.9	7.3#

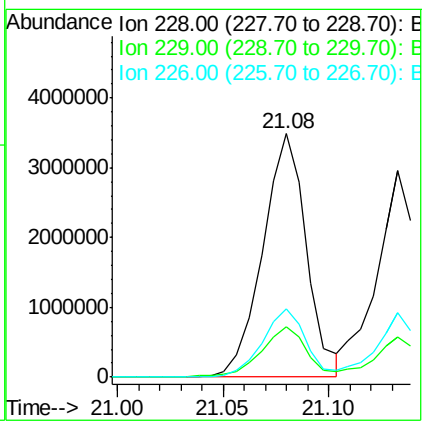


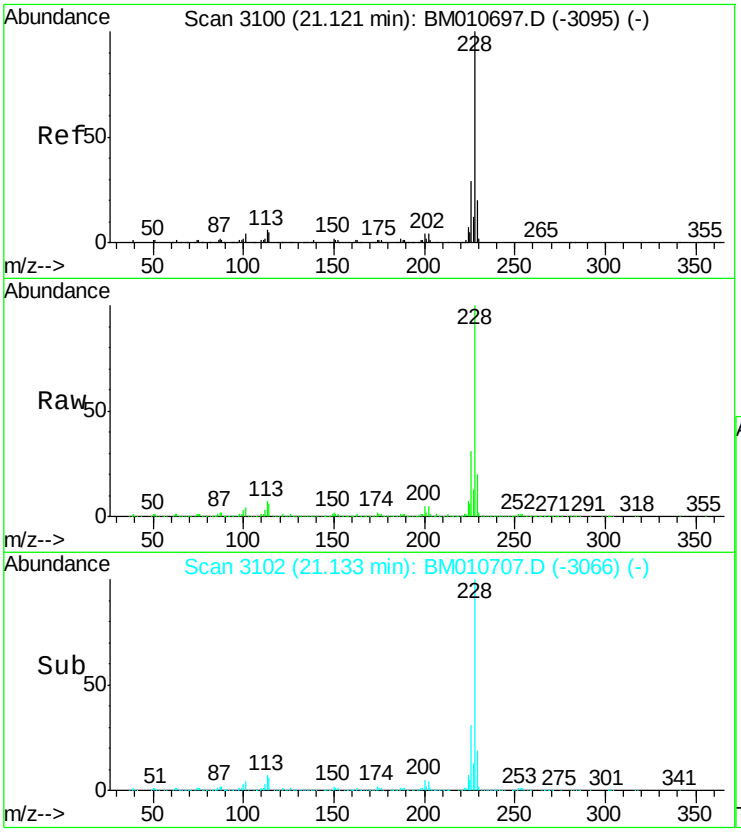


#80
Benzo(a)anthracene
Concen: 70.346 ng/ul
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:228 Resp: 4993839

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	28.0	21.4	32.0



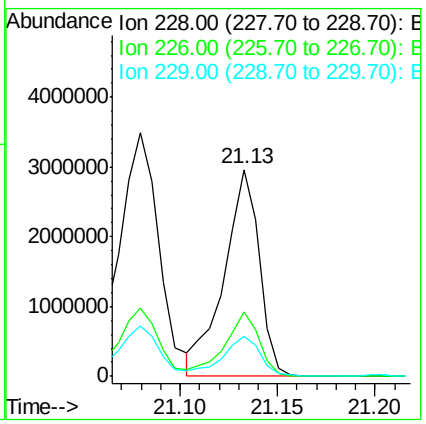


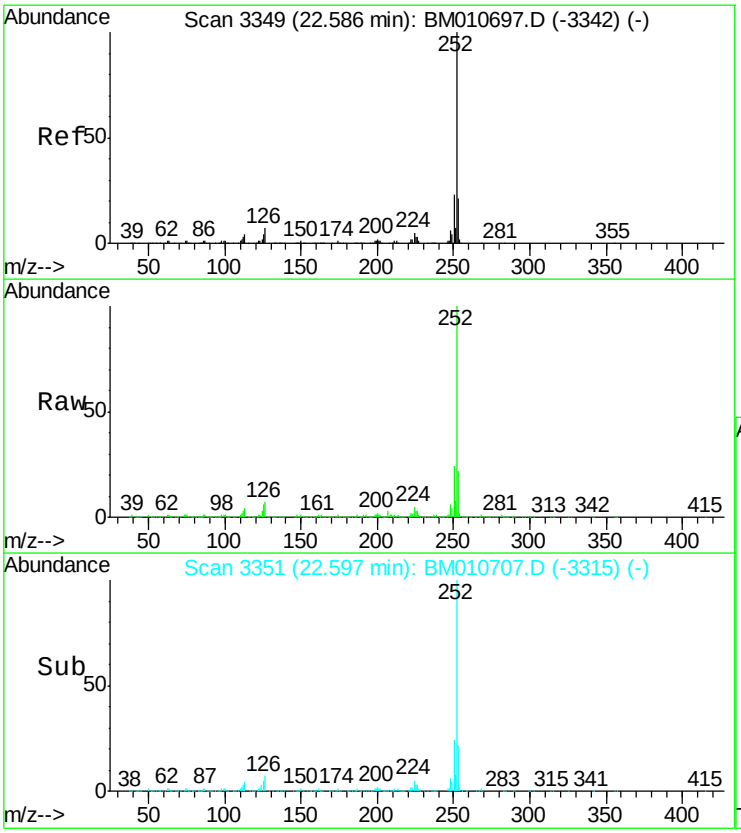
#82
Chrysene
Concen: 58.170 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:228 Resp: 3681835

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	19.6	15.5	23.3

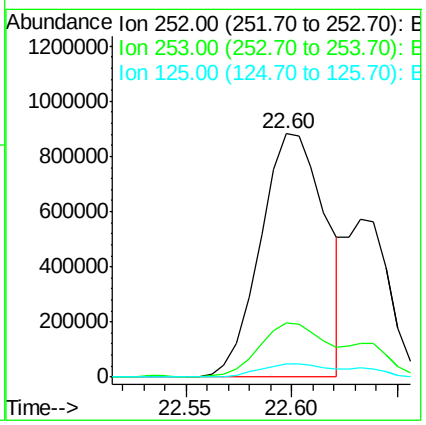


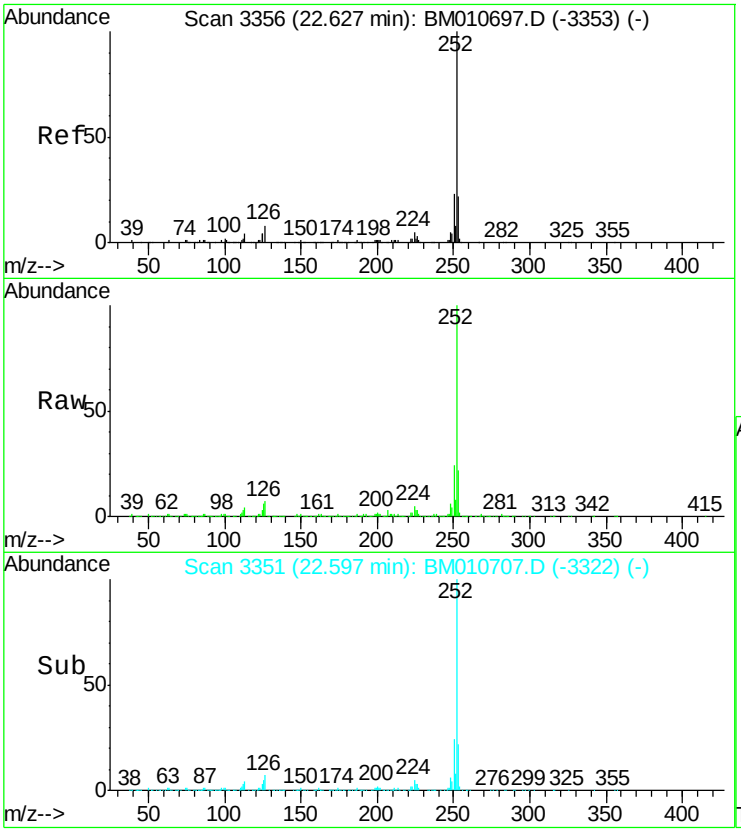


#85
Benzo(b)fluoranthene
Concen: 34.220 ng/ul
RT: 22.60 min Scan# 3351
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:252 Resp: 1881111

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	5.5	3.6	5.4#



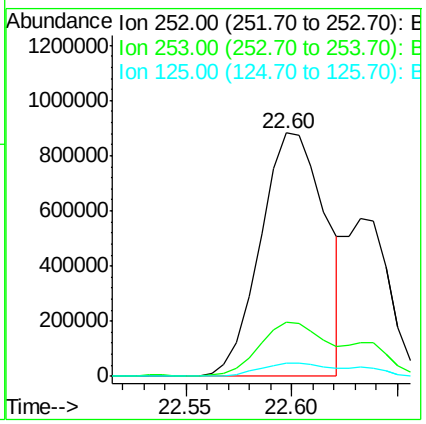


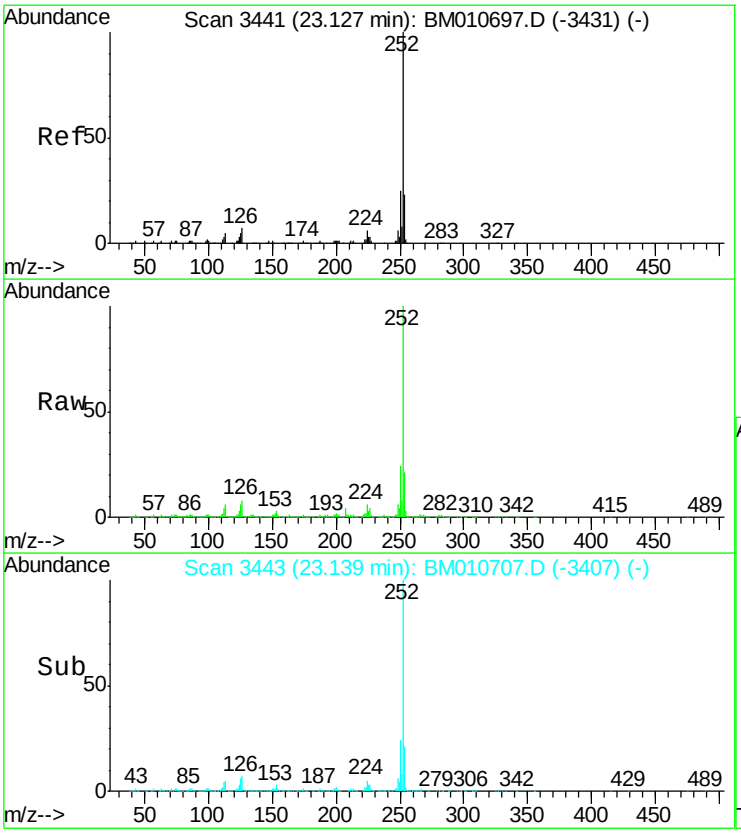
#86
Benzo(k)fluoranthene
Concen: 36.096 ng/ul
RT: 22.60 min Scan# 3351
Delta R.T. -0.03 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:252 Resp: 1881111

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	5.5	3.4	5.2#

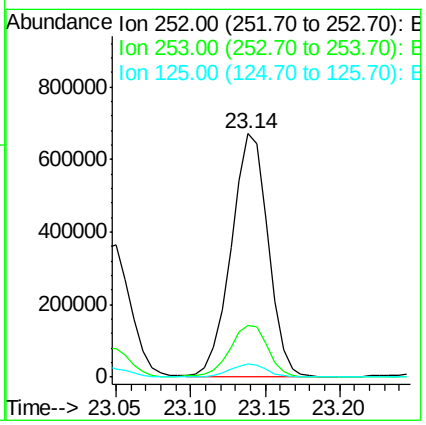


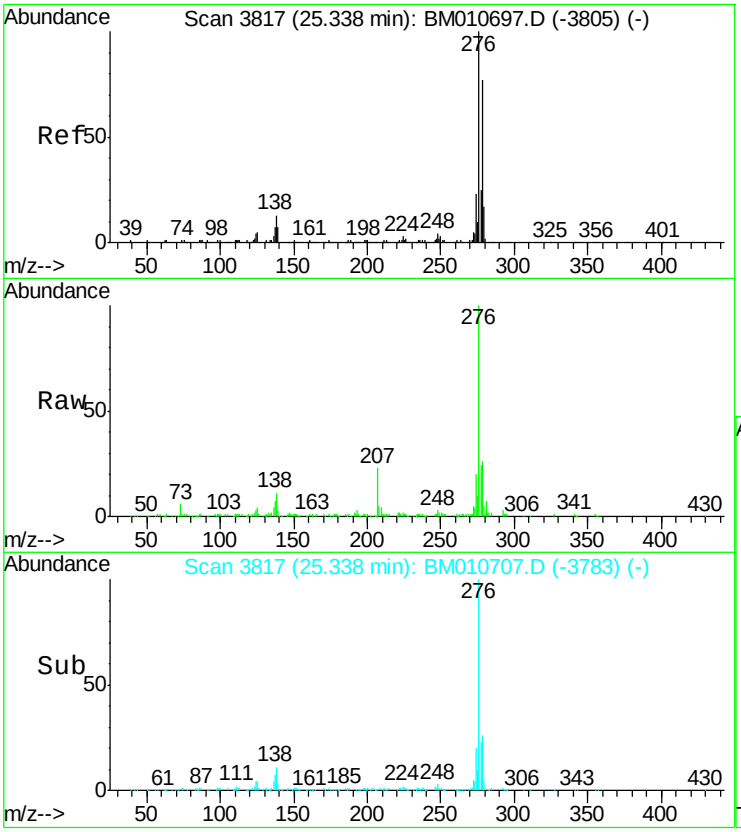


#88
Benzo(a)pyrene
Concen: 22.599 ng/ul
RT: 23.14 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:252 Resp: 1143694

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	5.6	4.0	6.0



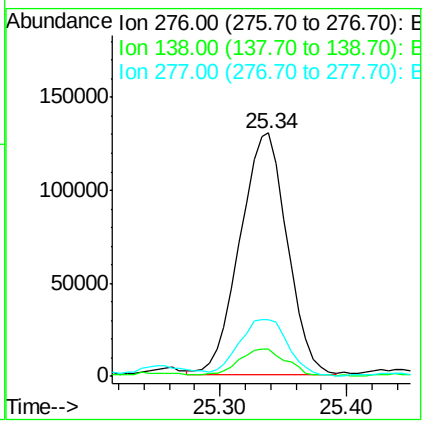


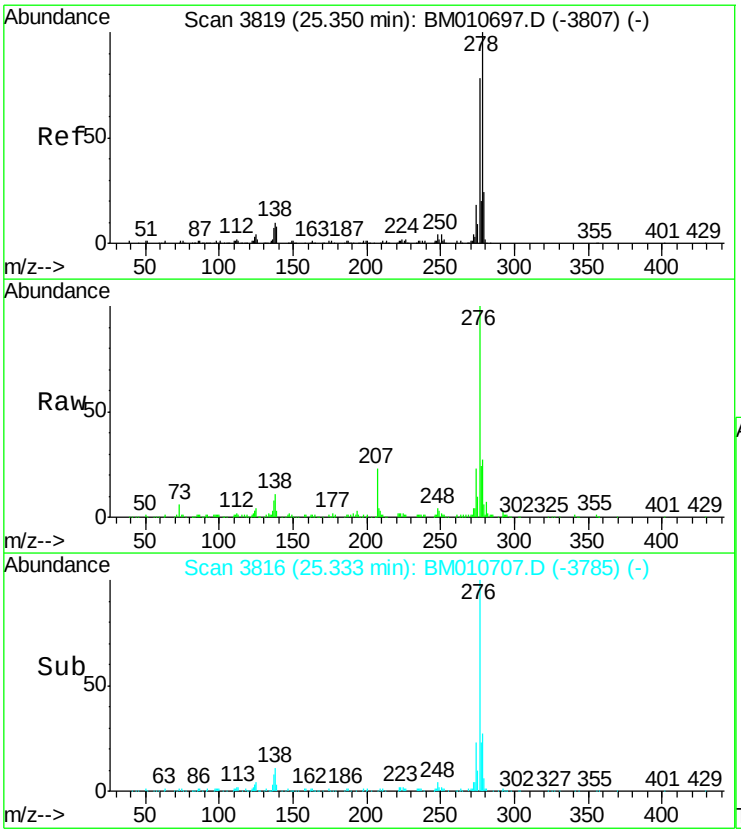
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.437 ng/ul
RT: 25.34 min Scan# 3817
Delta R.T. 0.00 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:276 Resp: 337856

Ion	Ratio	Lower	Upper
276	100		
138	11.1	9.3	13.9
277	23.5	19.9	29.9

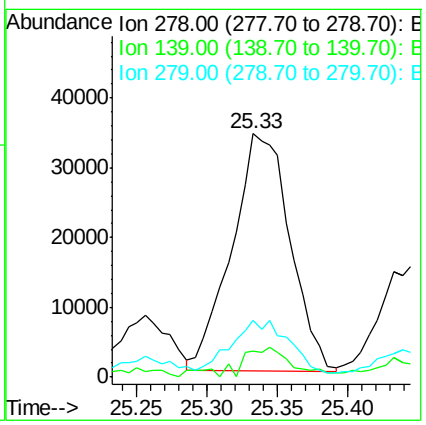


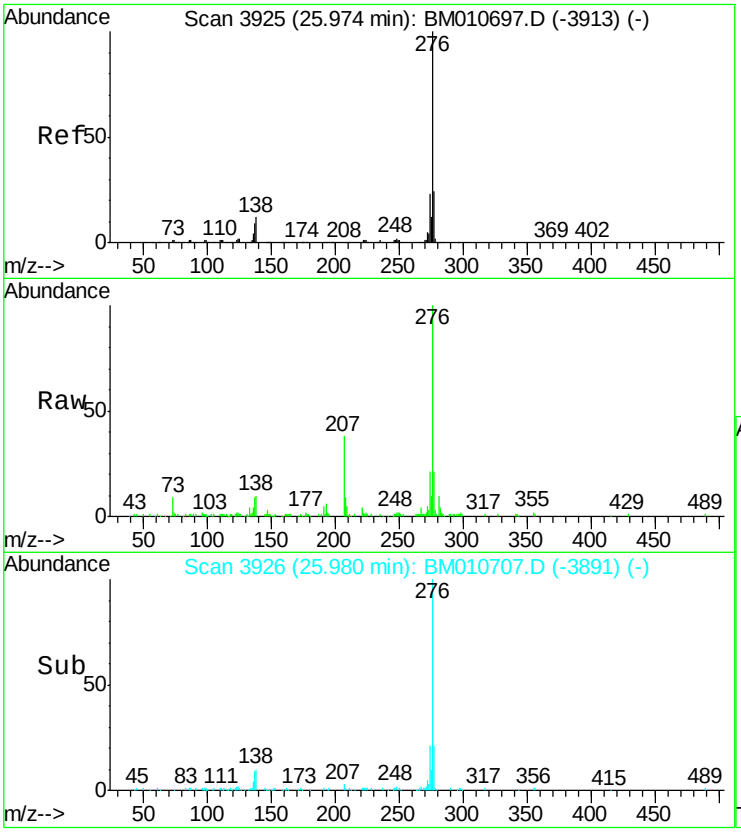


#90
Dibenzo(a,h)anthracene
Concen: 2.243 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.02 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Tgt Ion:278 Resp: 98123

Ion	Ratio	Lower	Upper
278	100		
139	10.5	5.8	8.8#
279	23.3	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 5.105 ng/ul
RT: 25.98 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BM010707.D
Acq: 24 Jun 2017 01:26

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:276 Resp: 213308

Ion	Ratio	Lower	Upper
276	100		
138	10.3	8.5	12.7
277	21.1	18.6	28.0