Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\

Quantitation Report (Not Reviewed)

Data File : BM010677.D
Acq On : 23 Jun 2017 01:32
Operator : SJ/JU
Sample : I3653-04 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B21

Quant Time: Jun 23 05:10:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	85704	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	370551	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.12	164	254923	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	600751	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	693880	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	551704	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	727	0.49	ng/uL	0.00
5) Phenol-d5	6.65	99	20538	2.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	11837	2.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	15653	2.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	16954	2.50	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	9550	3.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	10604	3.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	18802	2.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	27438	4.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	73494	3.28	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	85394	3.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	10678	2.71	ng/ul	0.00
57) Fluorene-d10	15.12	176	68634	3.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	8328	2.26	ng/ul	0.02
70) Anthracene-d10	16.97	188	103337	3.56	ng/ul	0.00
76) Pyrene-d10	19.28	212	121676	3.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	92828	3.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	12336	1.47	ng/ul#	85
11) 2-Methylphenol	7.90	108	11177	1.74	ng/ul	99
16) 4-Methylphenol	8.23	108	31019	4.40	ng/ul	97
17) Hexachloroethane	8.56	117	8194	3.22	ng/ul#	1
24) 2,4-Dimethylphenol	9.42	107	36837	4.48	ng/ul#	87
28) Naphthalene	10.30	128	17192183	932.32	ng/ul#	93
30) 4-Chloroaniline	10.30	127	2449168	360.44	ng/ul#	23
34) 2-Methylnaphthalene	11.91	142	3469264	234.04	ng/ul	98
40) 1,1'-Biphenyl	12.94	154	765196	38.39	ng/ul	97
44) Dimethylphthalate	13.58	163	30702	1.40	ng/ul#	96
47) Acenaphthylene	13.83	152	112781	4.55	ng/ul#	93
49) Acenaphthene	14.19	153	2541536	151.97	ng/ul	98
52) 4-Nitrophenol	14.19	109	7448	1.49	ng/ul#	1
53) Dibenzofuran	14.52	168	2796478	110.41	ng/ul	91
58) Fluorene	15.18	166	2810663	132.54	ng/ul	98
60) 4-Nitroaniline	15.17	138	39767	8.79	ng/ul#	1
69) Phenanthrene	16.93	178	13067620	409.15	ng/ul	94
71) Anthracene	17.01	178	2088336	63.47	ng/ul	99
72) Carbazole	17.28	167	1022947	35.63	ng/ul	98
74) Fluoranthene	18.96	202	8128314	197.48	ng/ul#	94
77) Pyrene	19.32	202	5233393	130.58	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	1770765	43.82	ng/ul	98
82) Chrysene	21.12	228	1269244	35.23	ng/ul	98

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\

Quantitation Report (Not Reviewed)

Data File : BM010677.D
Acq On : 23 Jun 2017 01:32
Operator : SJ/JU
Sample : I3653-04 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B21

Quant Time: Jun 23 05:10:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) Benzo(b)fluoranthene	22.59	252	885053	24.71	ng/ul#	99
86) Benzo(k)fluoranthene	22.59	252	885053	26.07	ng/ul#	97
88) Benzo(a)pyrene	23.13	252	536392	16.27	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	153803	4.50	ng/ul	95
90) Dibenzo(a,h)anthracene	25.33	278	47770	1.68	ng/ul#	95
91) Benzo(g,h,i)perylene	25.98	276	92135	3.38	ng/ul	99

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\

Quantitation Report (Not Reviewed)

Data File : BM010677.D
Acq On : 23 Jun 2017 01:32
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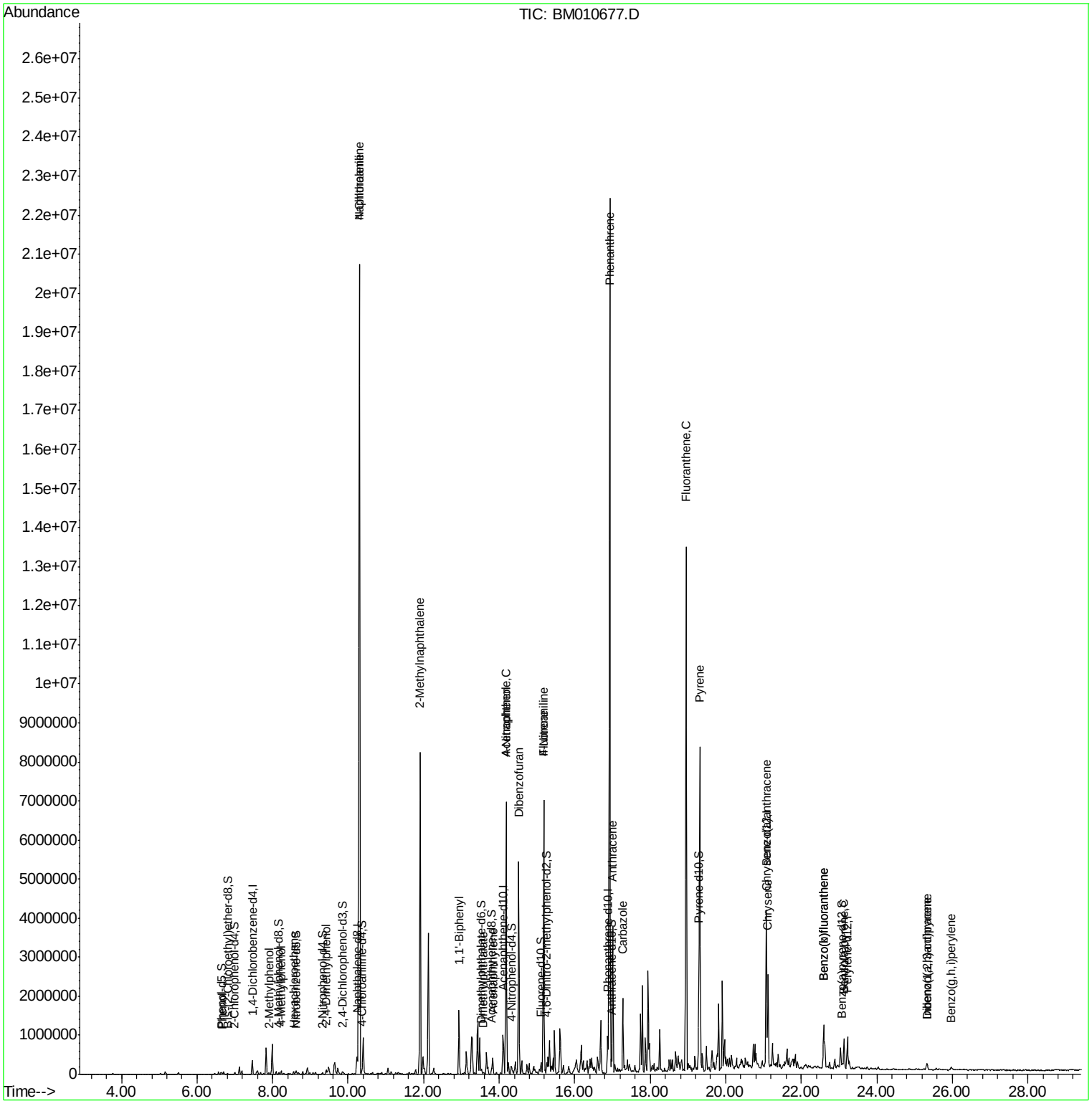
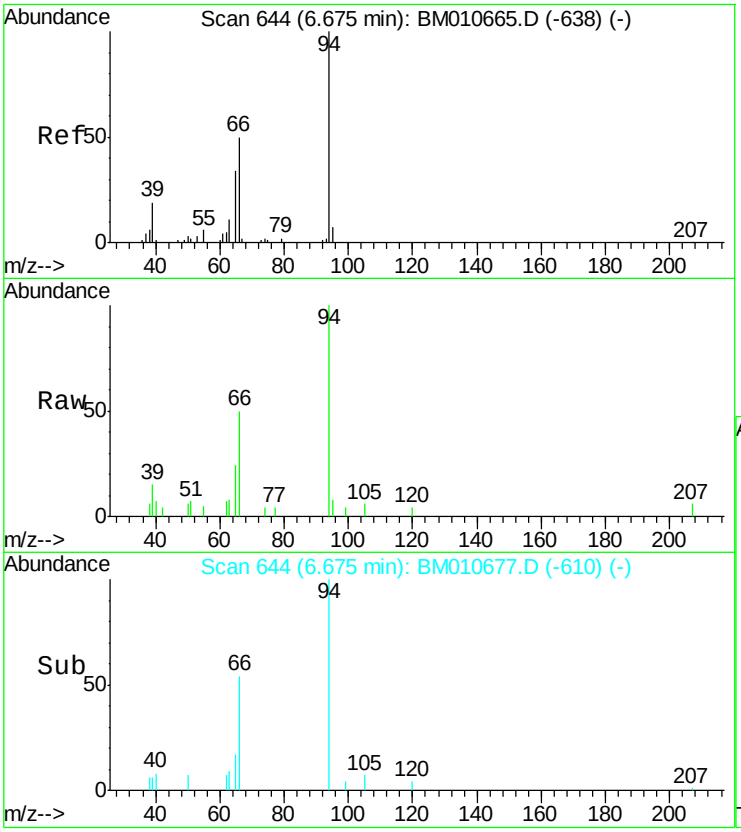
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration



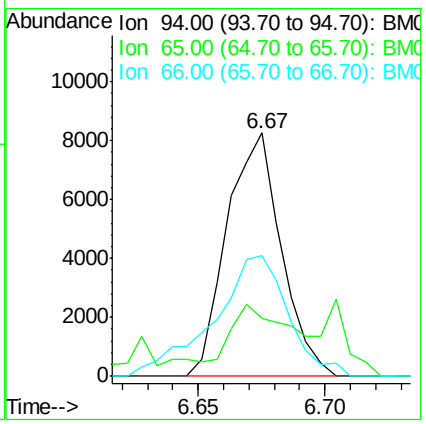


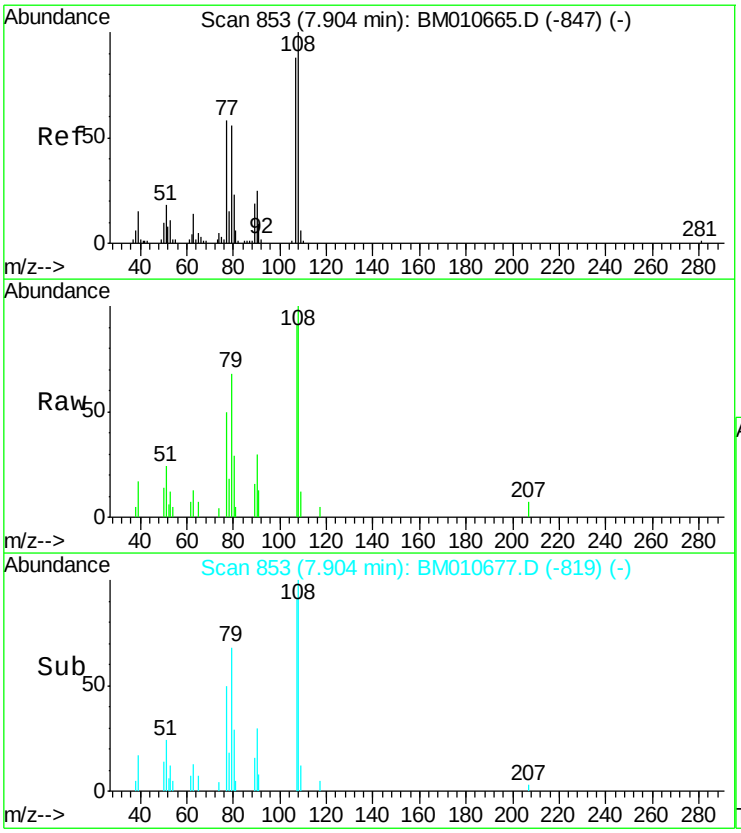
#6
Phenol
Concen: 1.47 ng/ul
RT: 6.67 min Scan# 644
Delta R.T. -0.00 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion: 94 Resp: 12336

Ion	Ratio	Lower	Upper
94	100		
65	23.9	28.2	42.4#
66	49.7	47.2	70.8

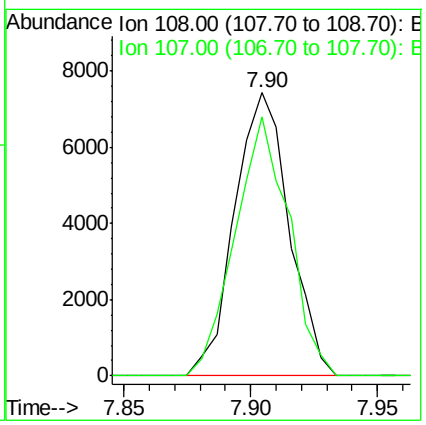


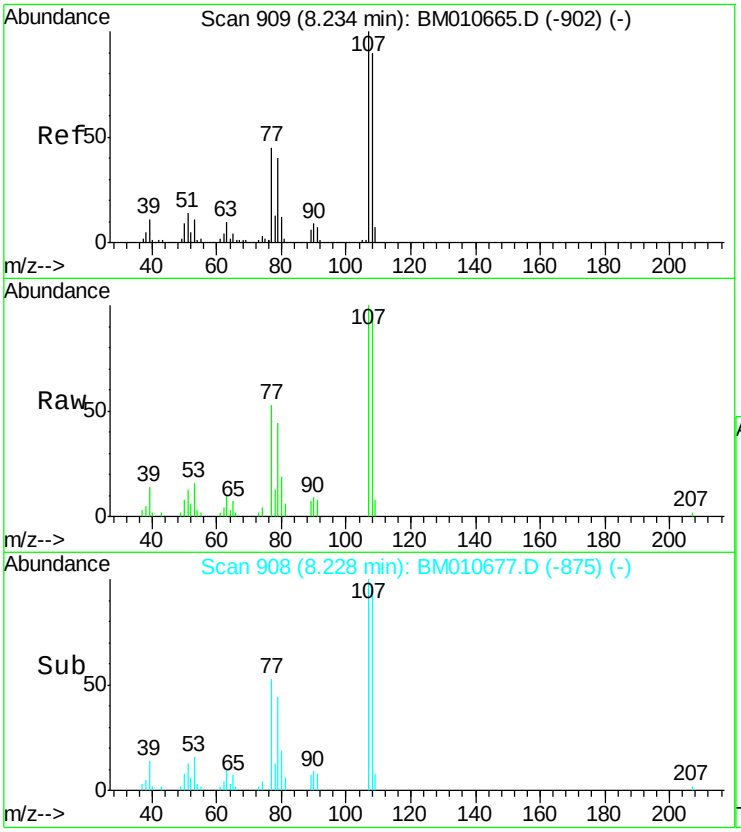


#11
2-Methylphenol
Concen: 1.74 ng/ul
RT: 7.90 min Scan# 853
Delta R.T. -0.00 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:108 Resp: 11177

Ion	Ratio	Lower	Upper
108	100		
107	91.4	72.6	108.8



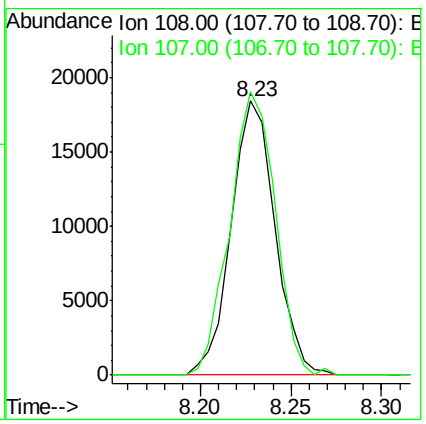


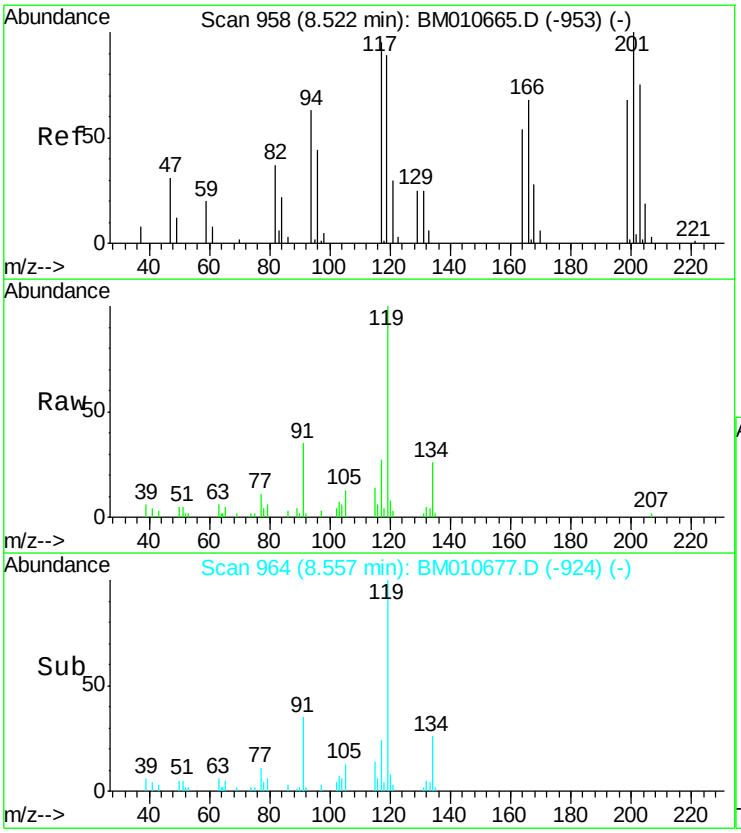
#16
4-Methylphenol
Concen: 4.40 ng/ul
RT: 8.23 min Scan# 908
Delta R.T. -0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:108 Resp: 31019

Ion	Ratio	Lower	Upper
108	100		
107	103.3	84.9	127.3

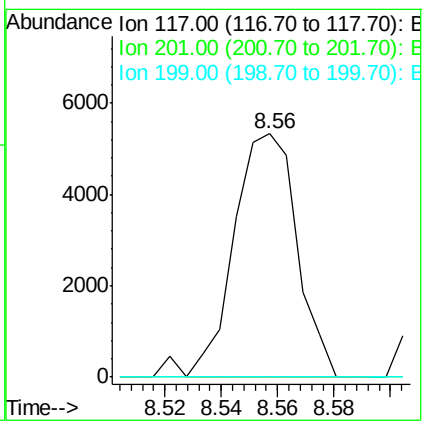


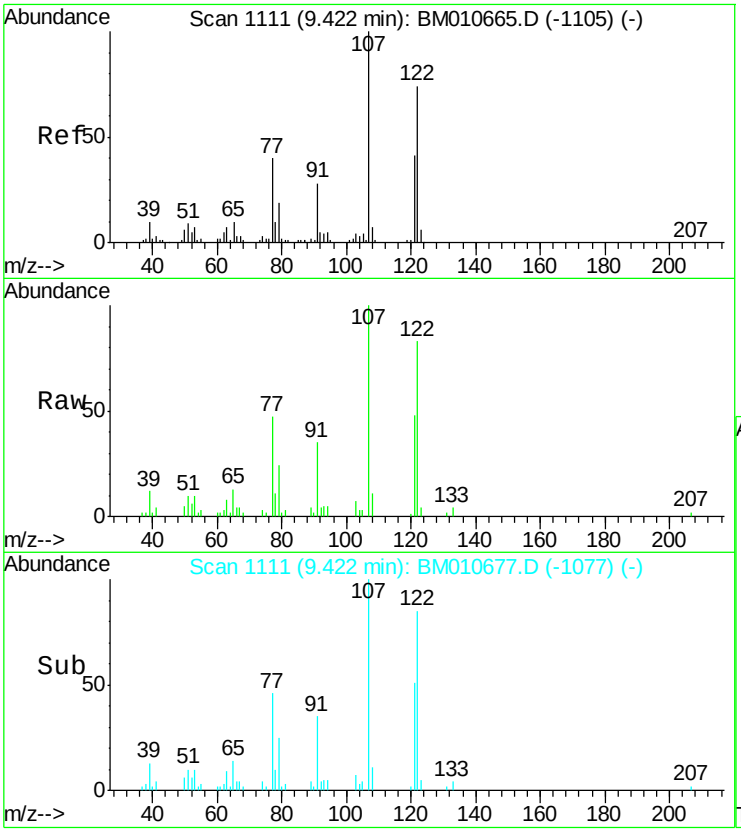


#17
Hexachloroethane
Concen: 3.22 ng/ul
RT: 8.56 min Scan# 964
Delta R.T. 0.04 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:117 Resp: 8194

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



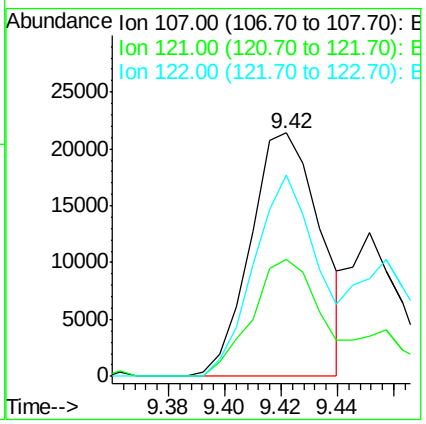


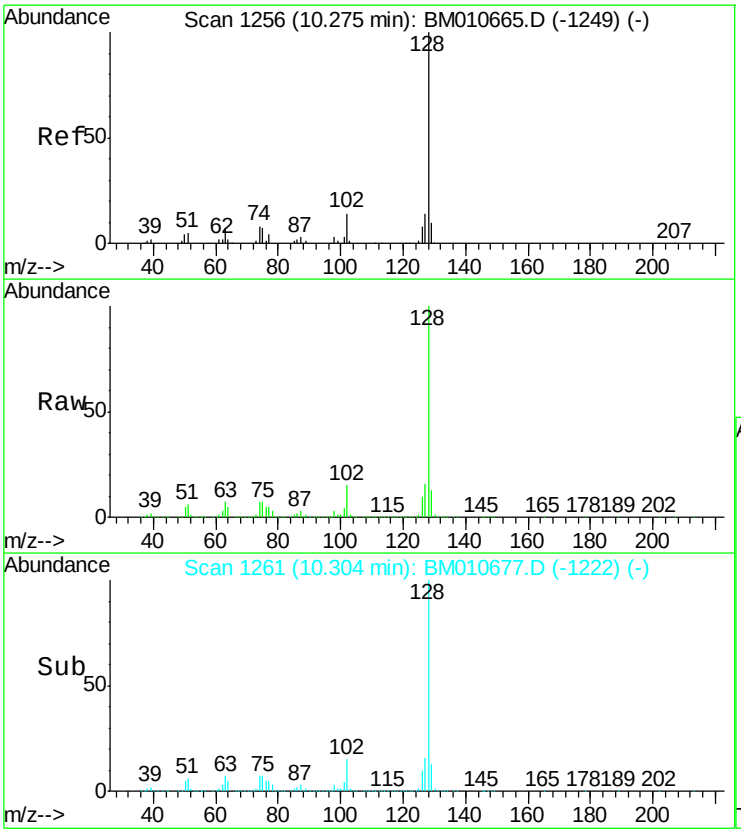
#24
2,4-Dimethylphenol
Concen: 4.48 ng/ul
RT: 9.42 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:107 Resp: 36837

Ion	Ratio	Lower	Upper
107	100		
121	48.0	31.9	47.9#
122	82.9	57.8	86.6

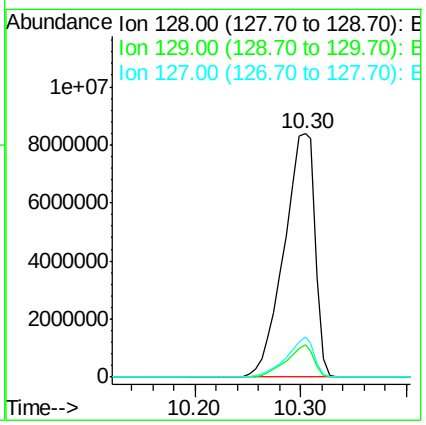


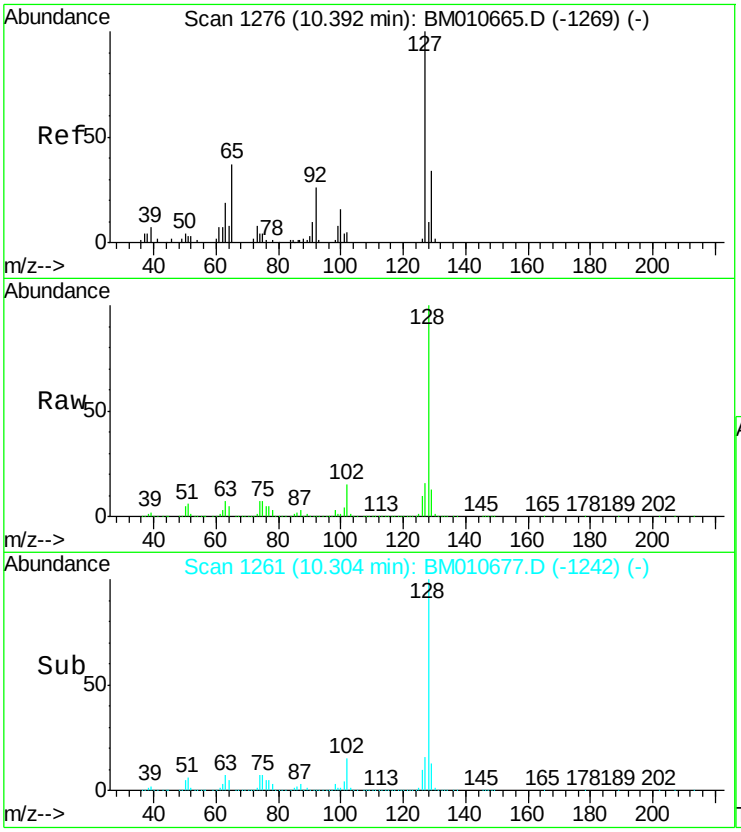


#28
Naphthalene
Concen: 932.32 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. 0.03 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:128 Resp:17192183

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.8	13.2
127	16.3	10.6	16.0#



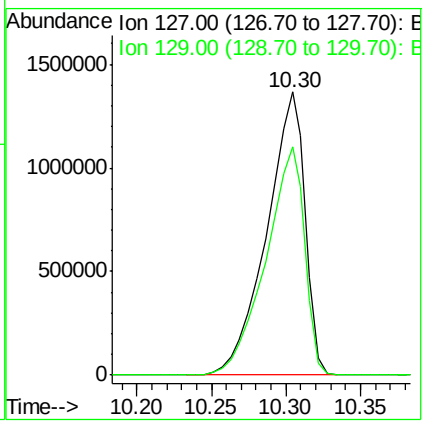


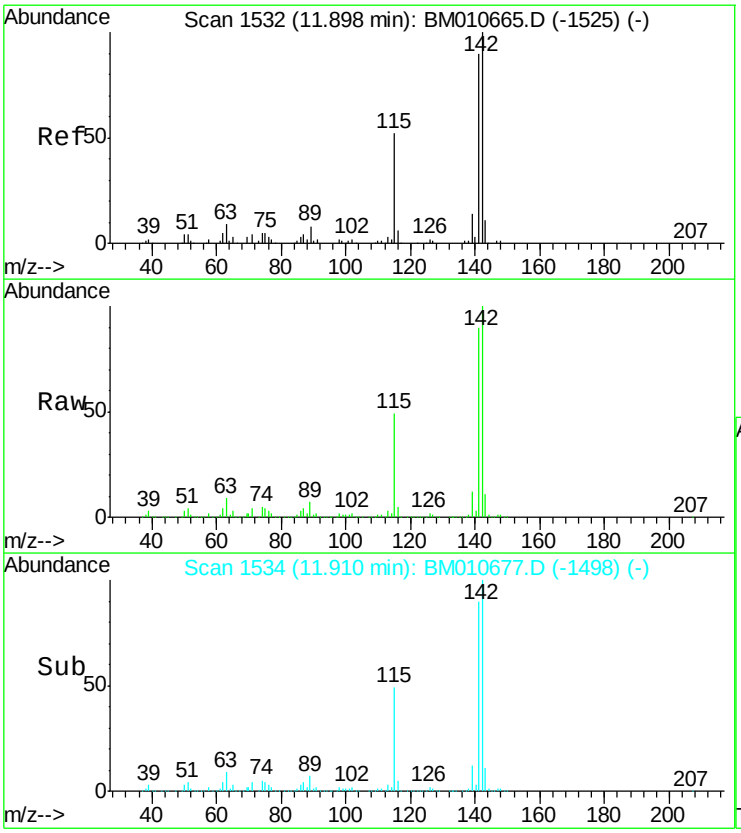
#30
4-Chloroaniline
Concen: 360.44 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. -0.09 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:127 Resp: 2449168

Ion	Ratio	Lower	Upper
127	100		
129	80.7	28.4	42.6#

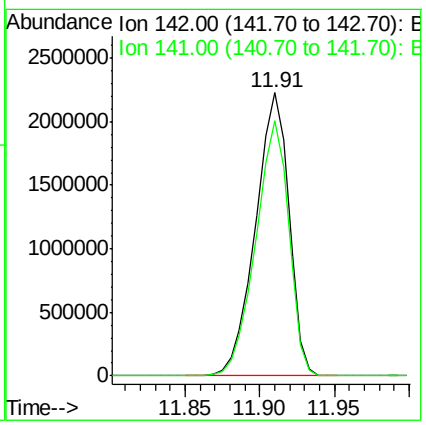


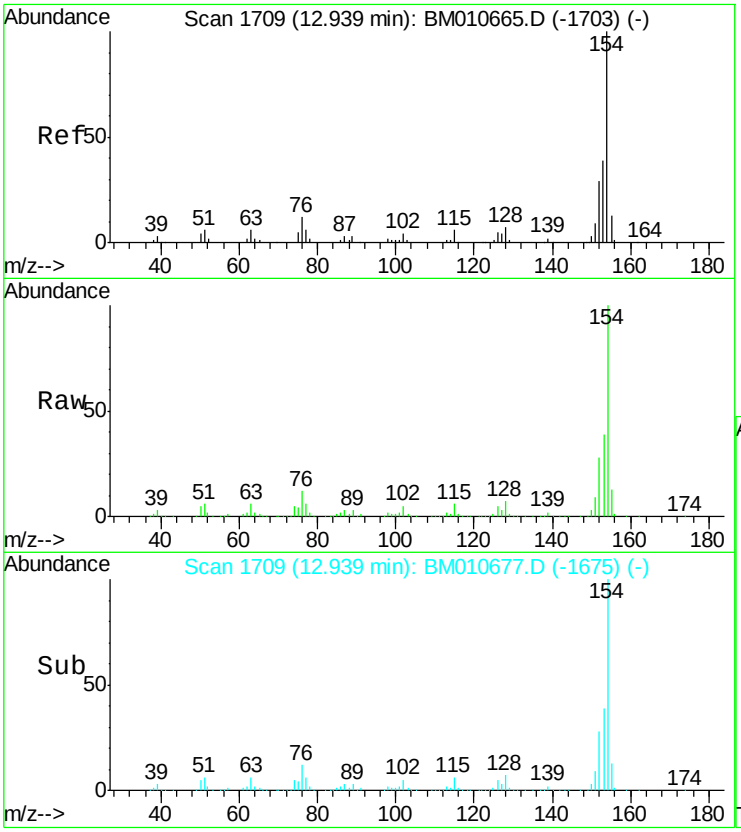


#34
2-Methylnaphthalene
Concen: 234.04 ng/ul
RT: 11.91 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:142 Resp: 3469264

Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.1	111.1



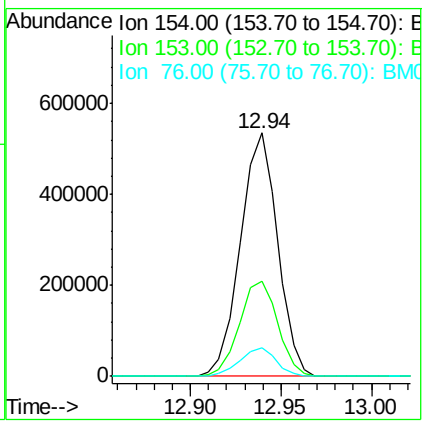


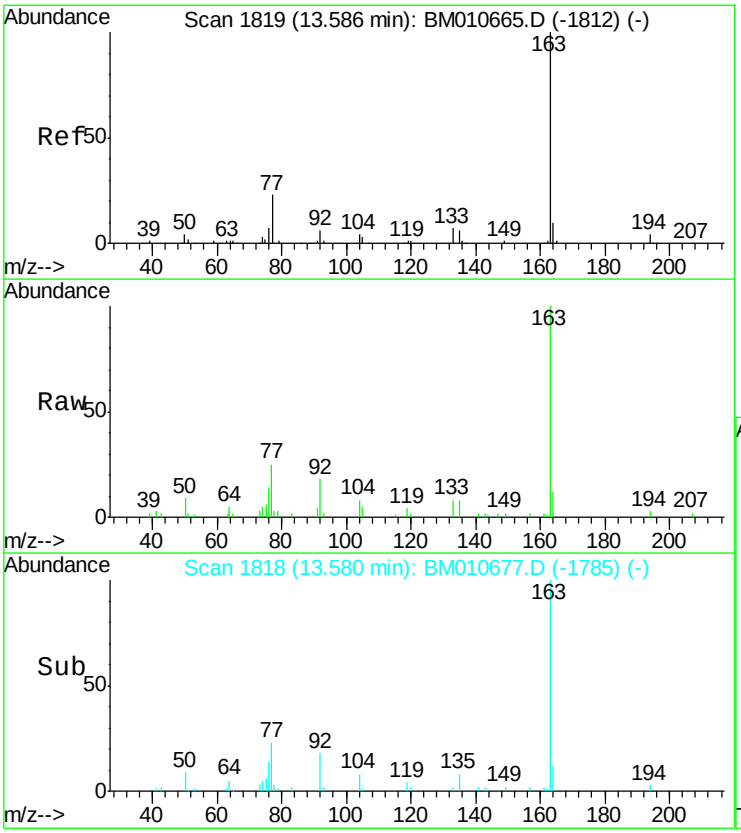
#40
1,1'-Biphenyl
Concen: 38.39 ng/ul
RT: 12.94 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:154 Resp: 765196

Ion	Ratio	Lower	Upper
154	100		
153	39.2	32.6	48.8
76	11.8	8.5	12.7

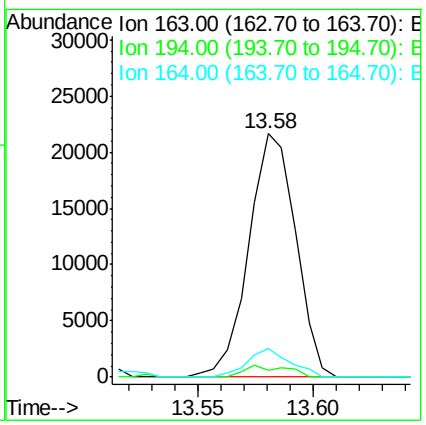


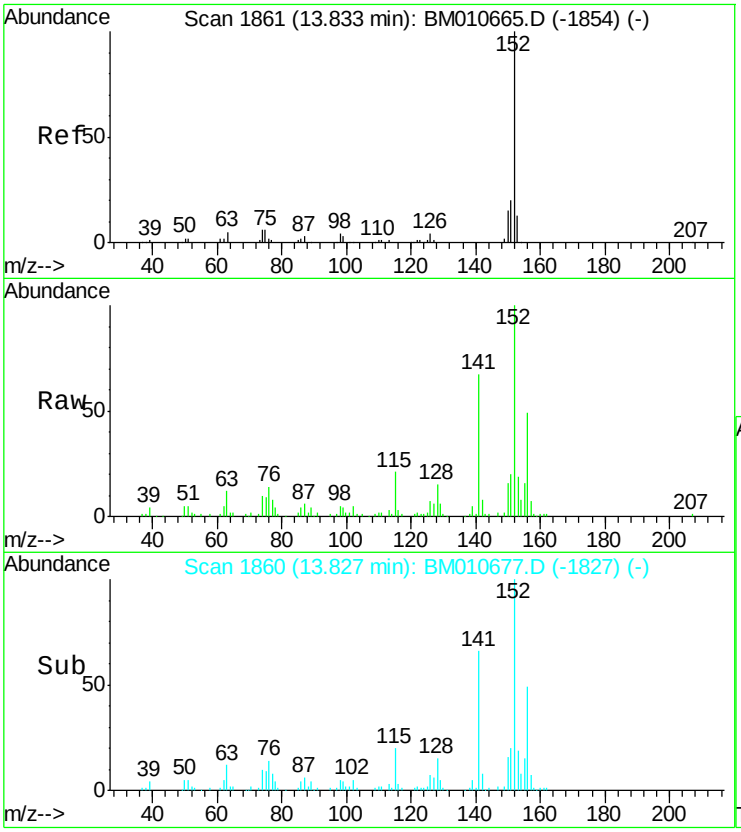


#44
Dimethylphthalate
Concen: 1.40 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:163 Resp: 30702

Ion	Ratio	Lower	Upper
163	100		
194	2.7	3.5	5.3#
164	11.7	8.2	12.4



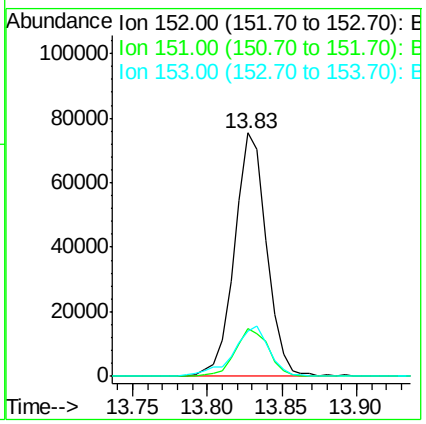


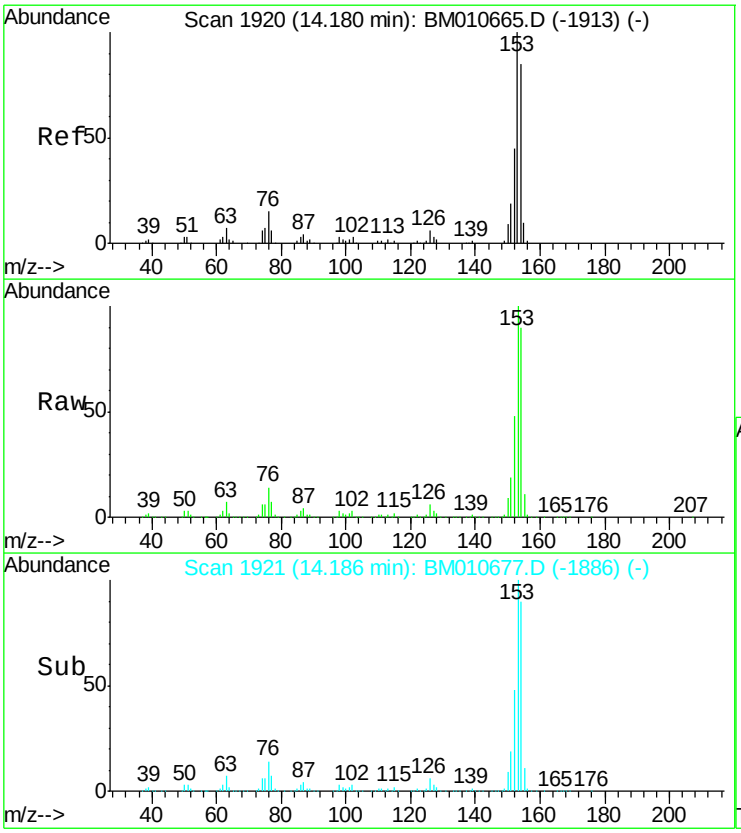
#47
Acenaphthylene
Concen: 4.55 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:152 Resp: 112781

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	18.7	10.2	15.4#

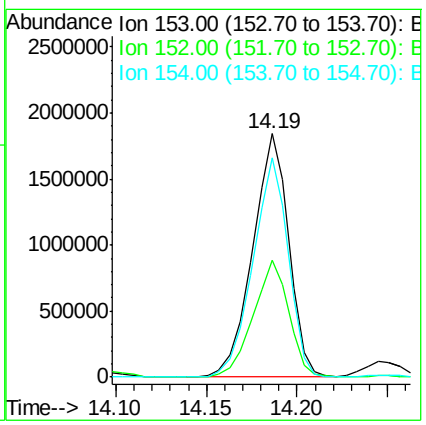


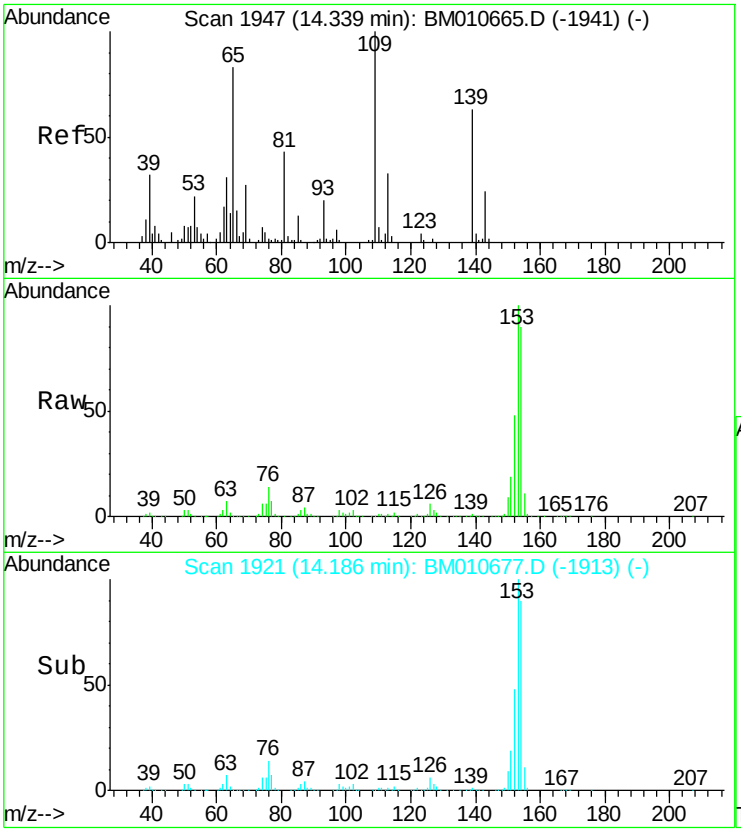


#49
Acenaphthene
Concen: 151.97 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:153 Resp: 2541536

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.6	56.4
154	90.0	70.4	105.6



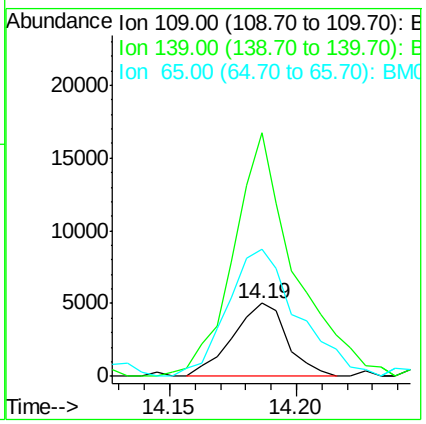


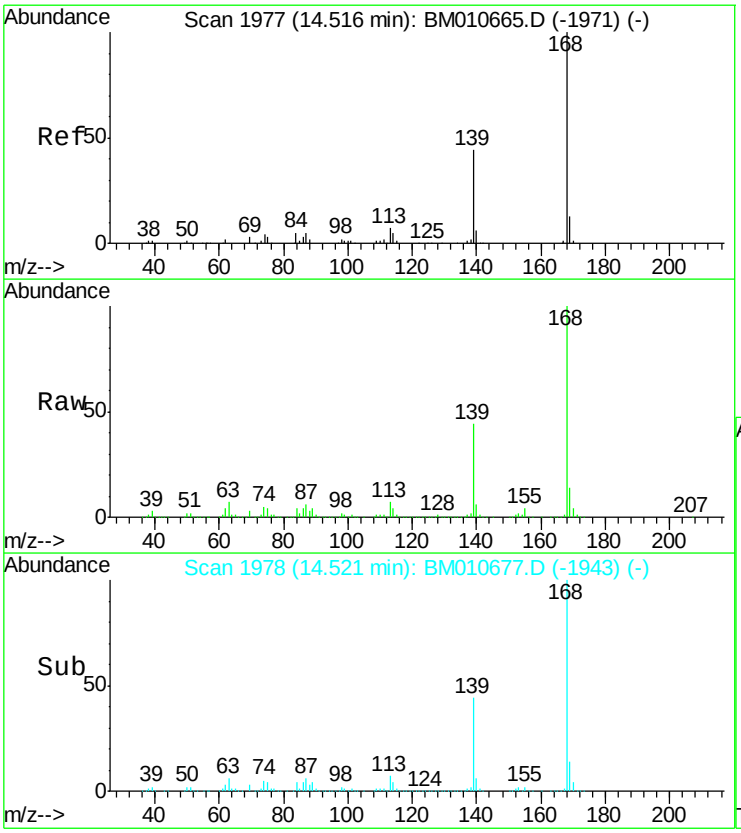
#52
4-Nitrophenol
Concen: 1.49 ng/ul
RT: 14.19 min Scan# 1921
Delta R.T. -0.15 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:109 Resp: 7448

Ion	Ratio	Lower	Upper
109	100		
139	334.6	66.6	100.0#
65	174.8	78.3	117.5#

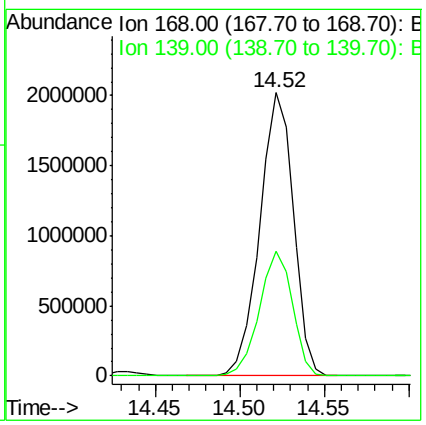


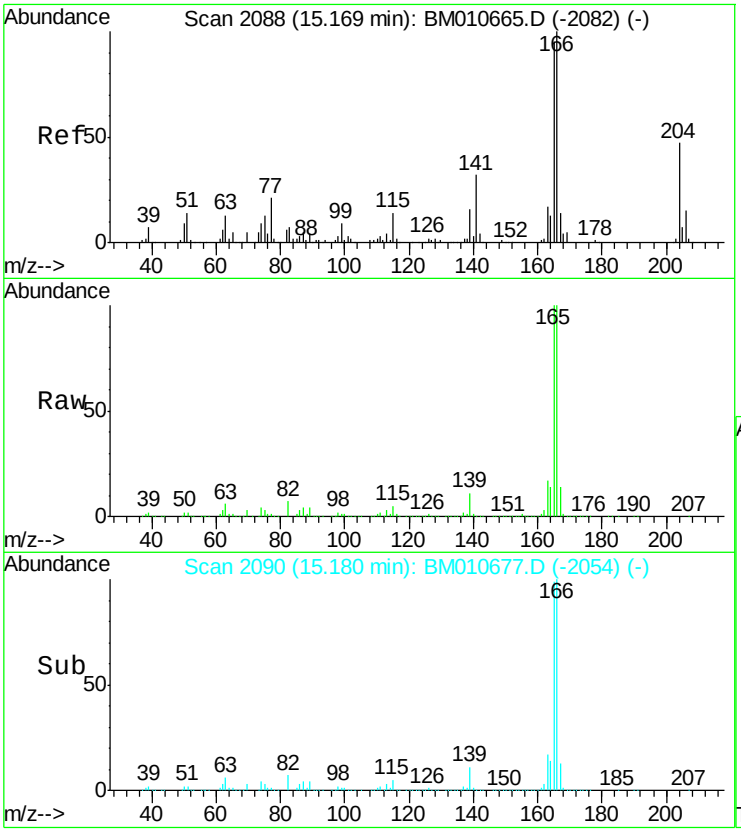


#53
Dibenzofuran
Concen: 110.41 ng/ul
RT: 14.52 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:168 Resp: 2796478

Ion	Ratio	Lower	Upper
168	100		
139	43.9	30.8	46.2



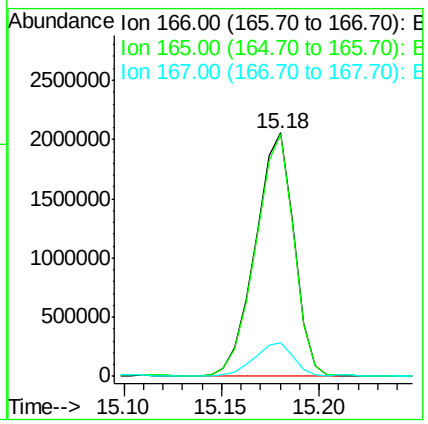


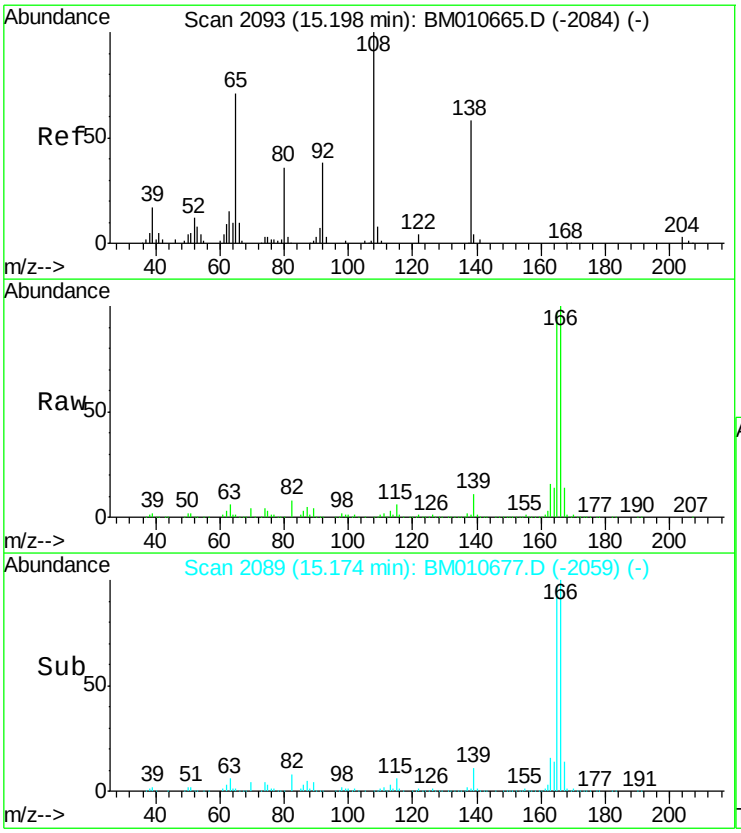
#58
Fluorene
Concen: 132.54 ng/ul
RT: 15.18 min Scan# 2090
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:166 Resp: 2810663

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.9	116.9
167	13.7	10.6	16.0

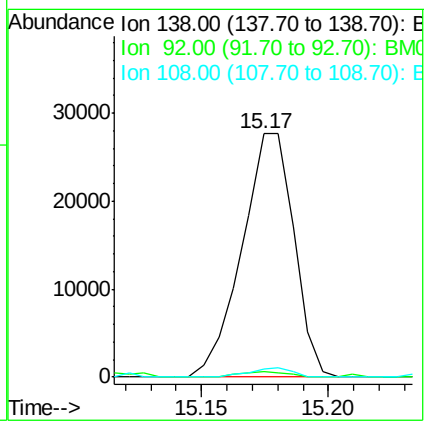


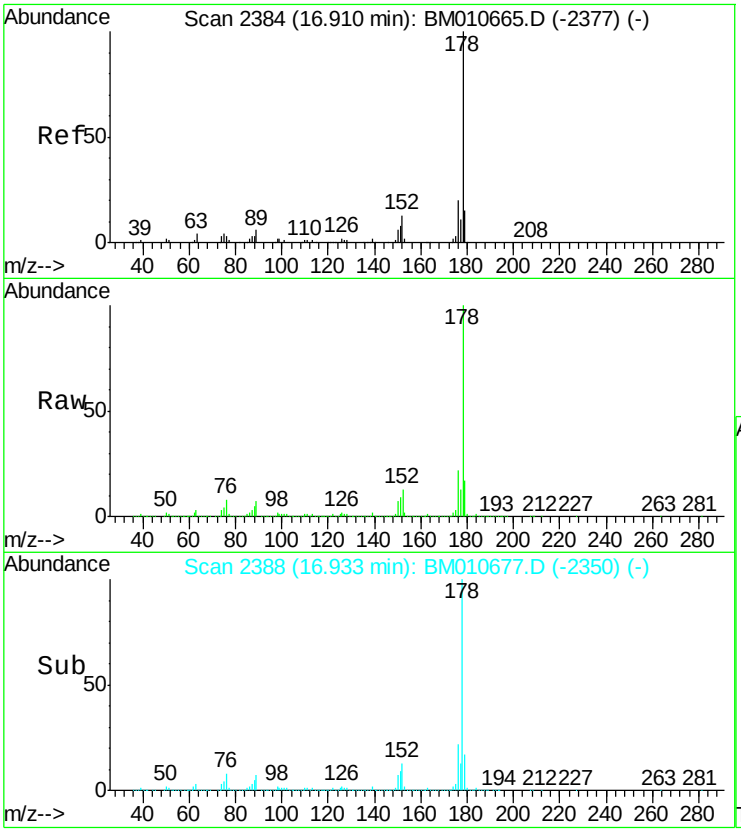


#60
4-Nitroaniline
Concen: 8.79 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. -0.02 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:138 Resp: 39767

Ion	Ratio	Lower	Upper
138	100		
92	2.1	52.7	79.1#
108	3.2	140.4	210.6#



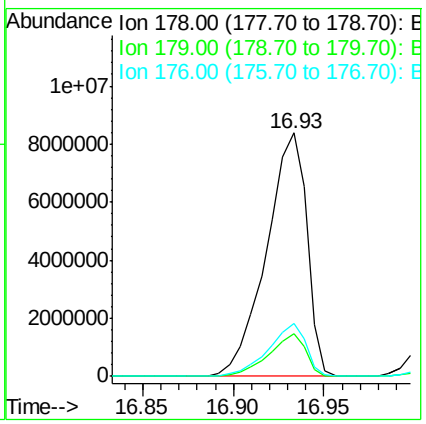


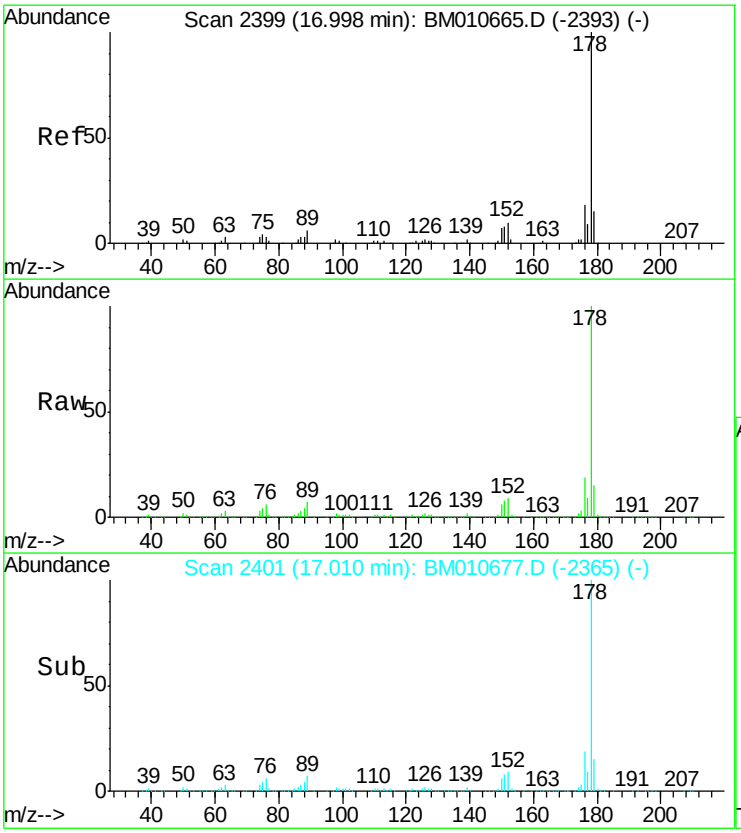
#69
Phenanthrene
Concen: 409.15 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.02 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:178 Resp:13067620

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.6	19.0
176	21.8	14.9	22.3

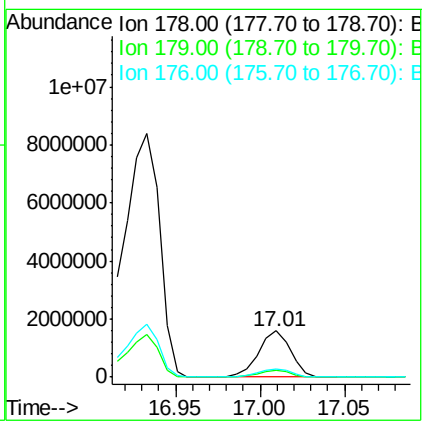


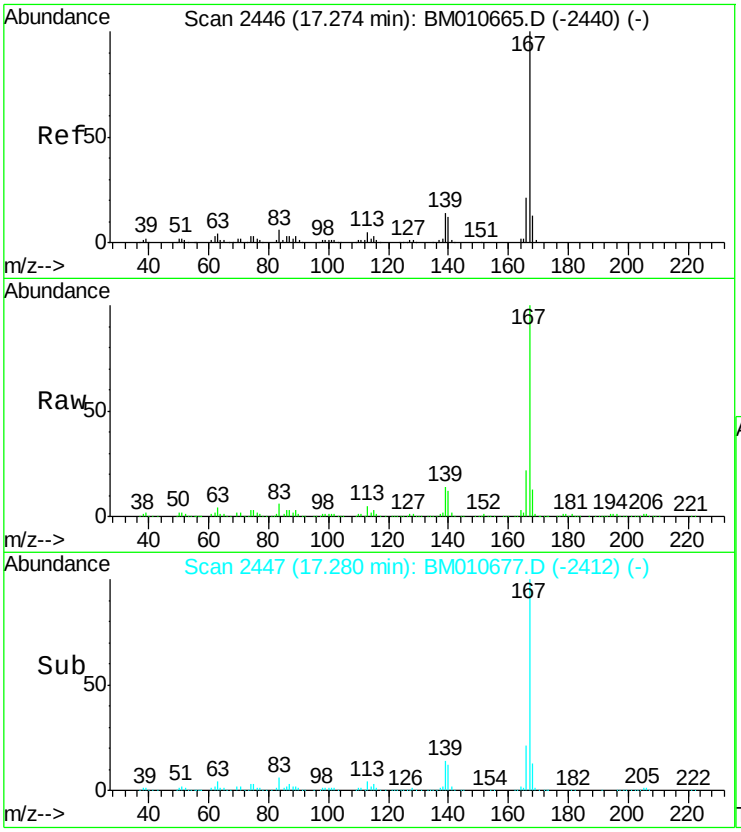


#71
Anthracene
Concen: 63.47 ng/ul
RT: 17.01 min Scan# 2401
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:178 Resp: 2088336

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	18.8	14.6	21.8



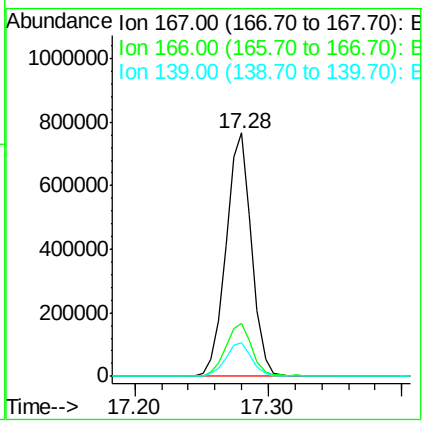


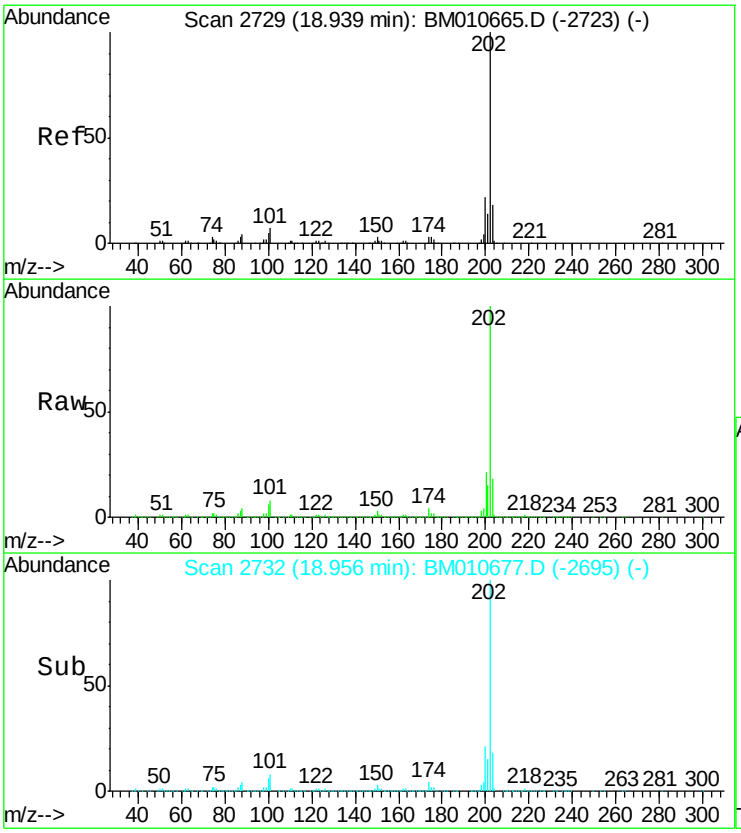
#72
Carbazole
Concen: 35.63 ng/ul
RT: 17.28 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:167 Resp: 1022947

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	14.0	10.0	15.0

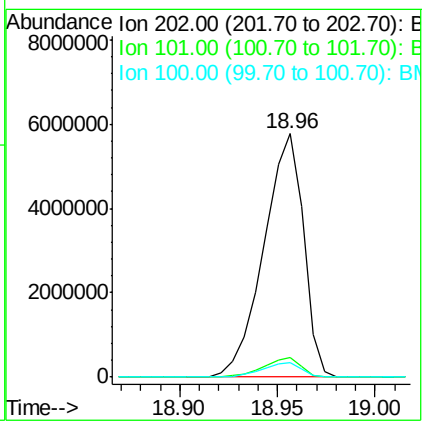


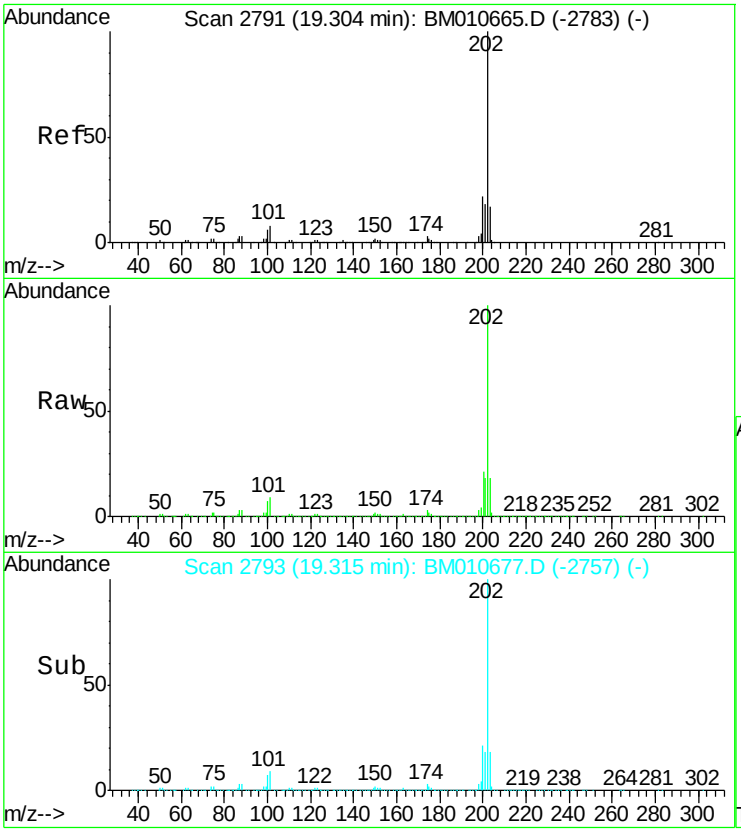


#74
Fluoranthene
Concen: 197.48 ng/ul
RT: 18.96 min Scan# 2732
Delta R.T. 0.02 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:202 Resp: 8128314

Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	5.9	3.4	5.2#



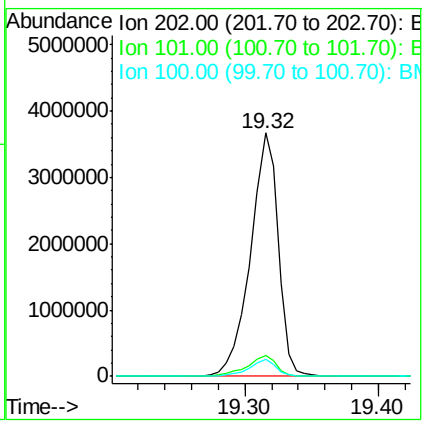


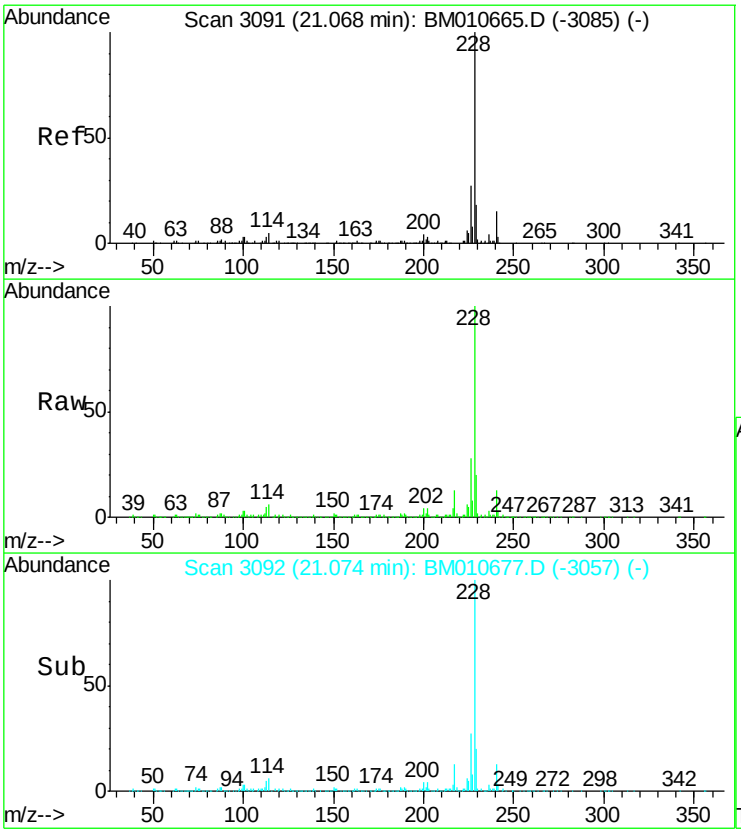
#77
Pyrene
Concen: 130.58 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:202 Resp: 5233393

Ion	Ratio	Lower	Upper
202	100		
101	8.6	5.1	7.7#
100	6.8	4.9	7.3

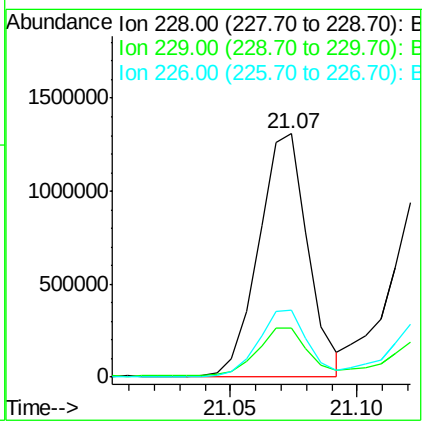


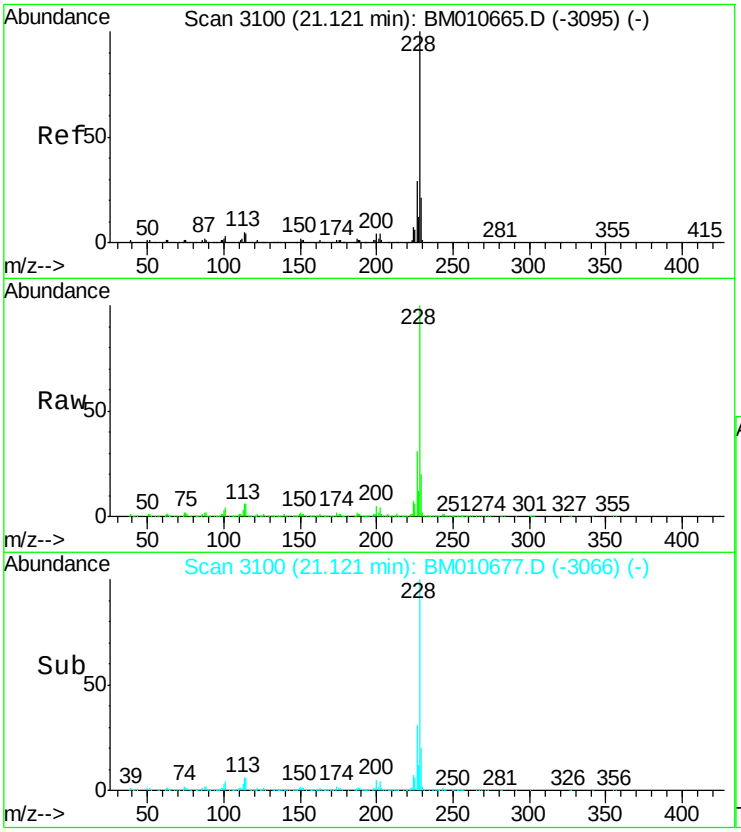


#80
Benzo(a)anthracene
Concen: 43.82 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:228 Resp: 1770765

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	27.5	21.4	32.0



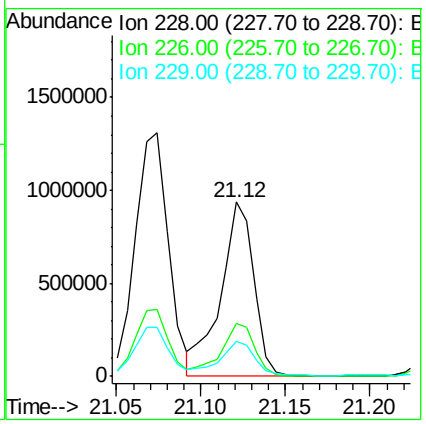


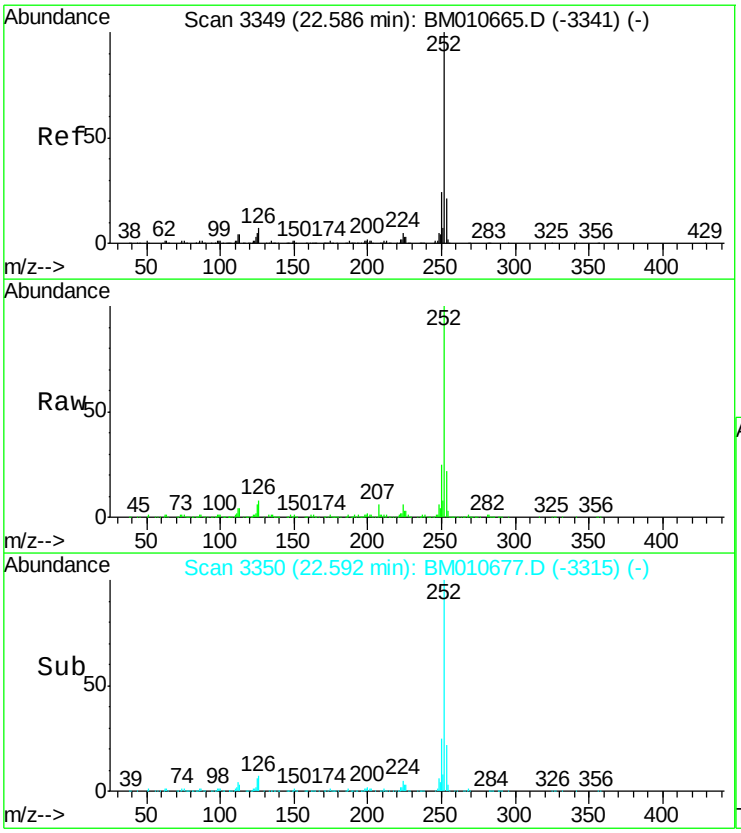
#82
Chrysene
Concen: 35.23 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:228 Resp: 1269244

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	20.3	15.5	23.3

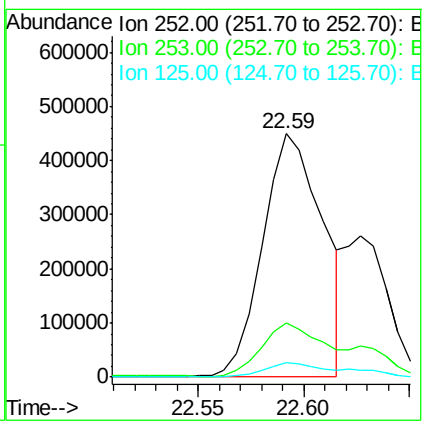


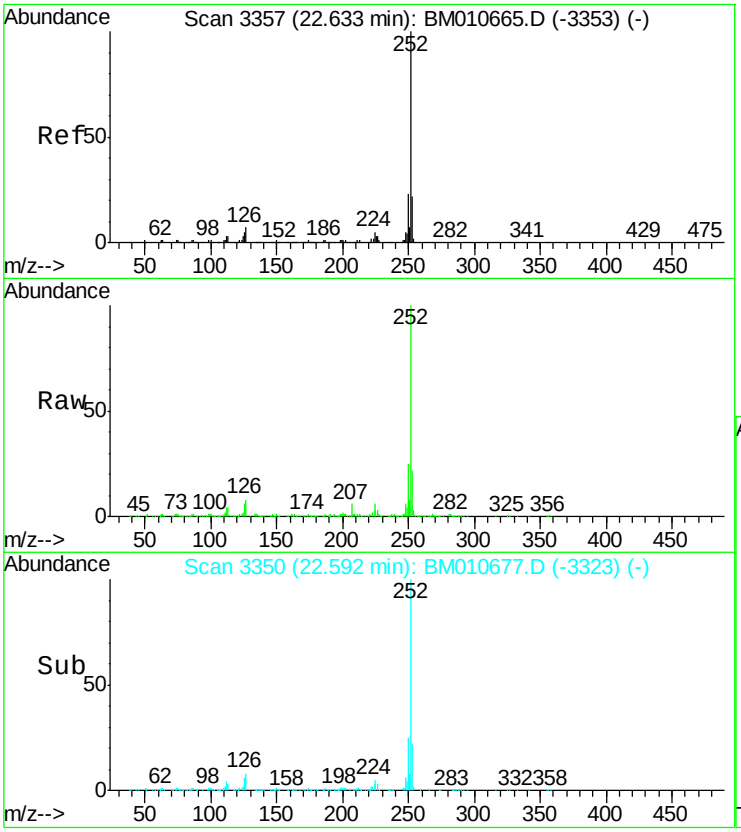


#85
Benzo(b)fluoranthene
Concen: 24.71 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:252 Resp: 885053

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	5.9	3.6	5.4#



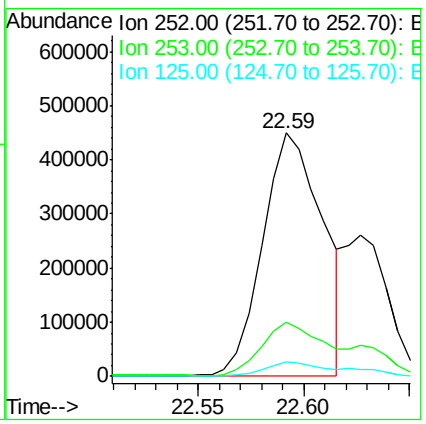


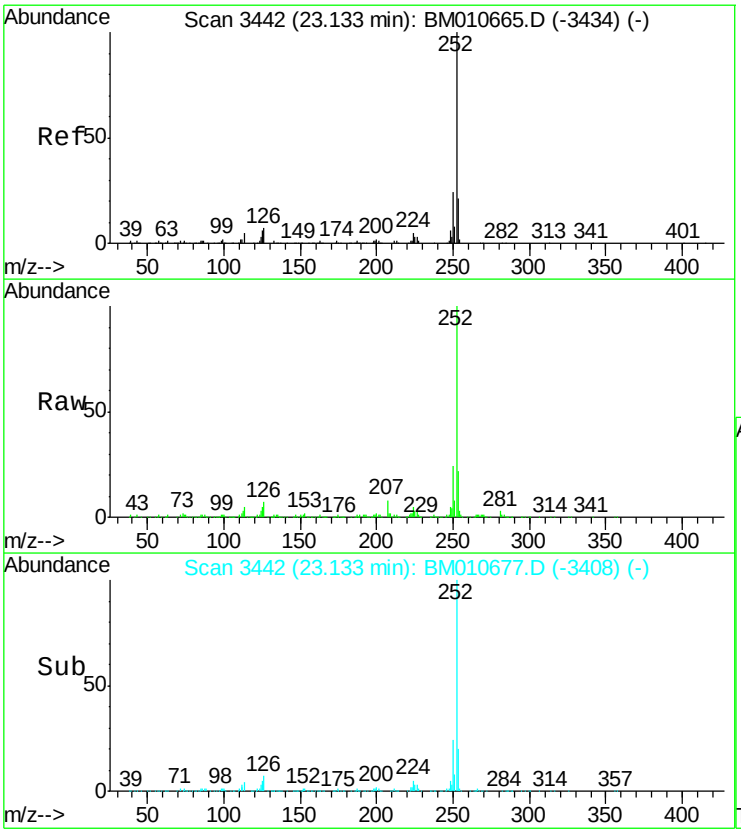
#86
Benzo(k)fluoranthene
Concen: 26.07 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. -0.04 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:252 Resp: 885053

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	5.9	3.4	5.2#

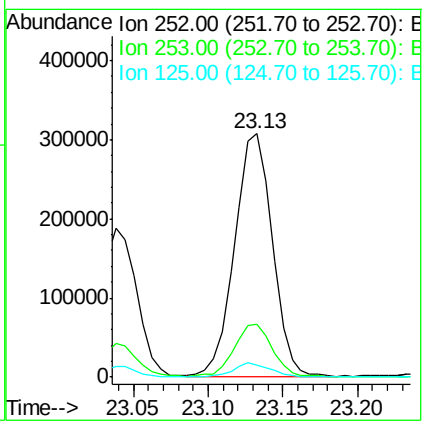


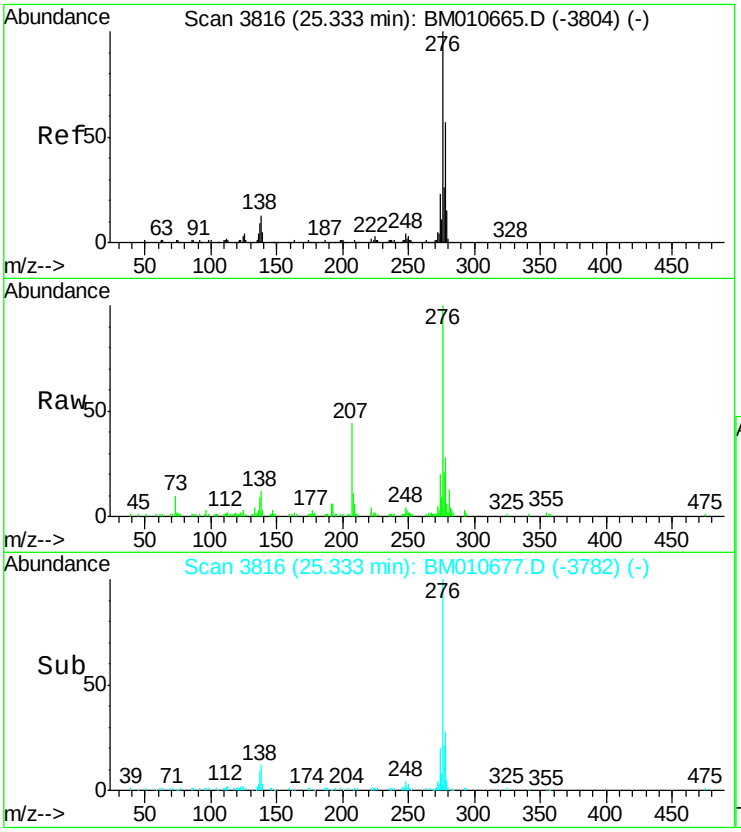


#88
Benzo(a)pyrene
Concen: 16.27 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. -0.00 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:252 Resp: 536392

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	5.1	4.0	6.0



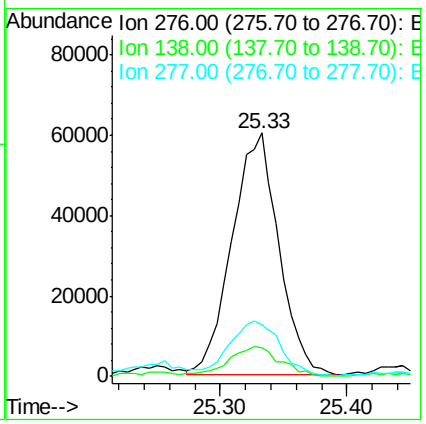


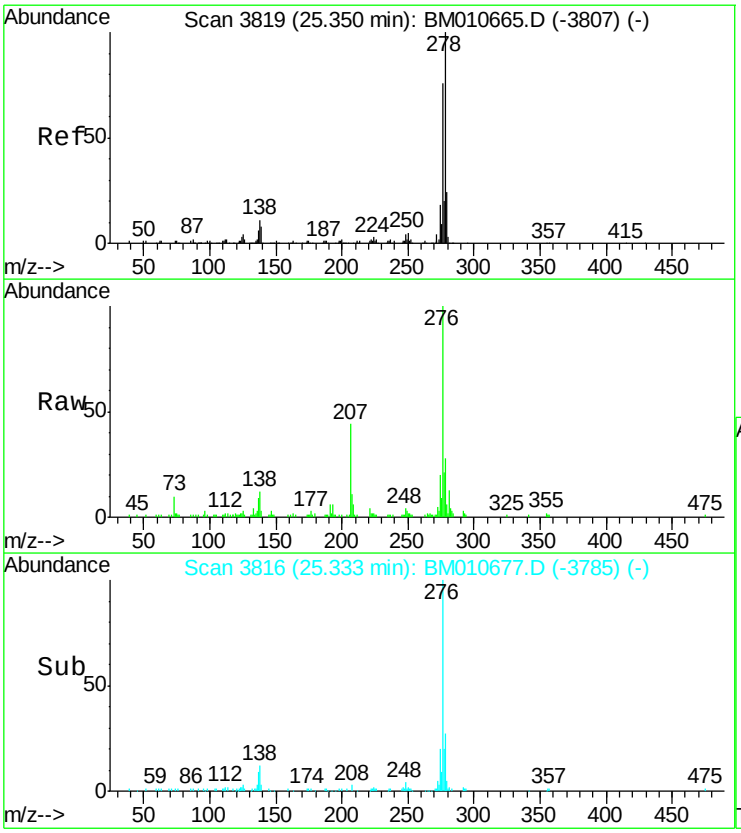
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.50 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.00 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:276 Resp: 153803

Ion	Ratio	Lower	Upper
276	100		
138	12.0	9.3	13.9
277	21.1	19.9	29.9

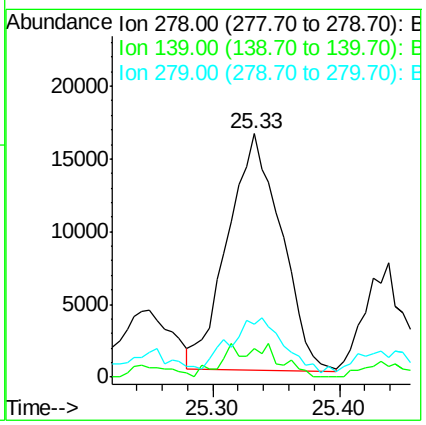


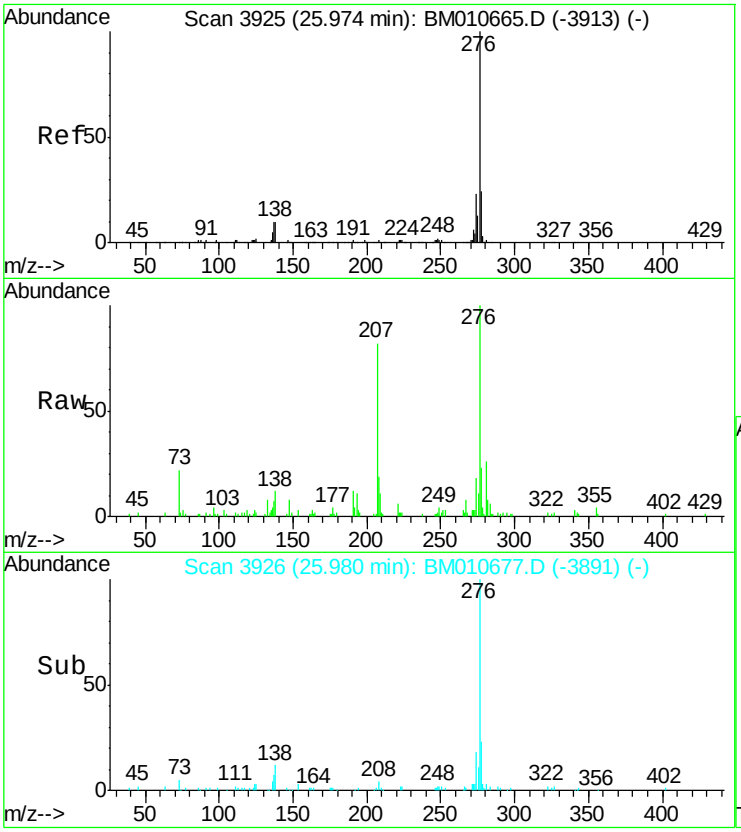


#90
Dibenzo(a,h)anthracene
Concen: 1.68 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.02 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Tgt Ion:278 Resp: 47770

Ion	Ratio	Lower	Upper
278	100		
139	11.6	5.8	8.8#
279	21.6	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 3.38 ng/ul
RT: 25.98 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BM010677.D
Acq: 23 Jun 2017 01:32

Instrument :
BNA_M
ClientSampleId :
F5B21

Tgt Ion:276 Resp: 92135

Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.5	12.7
277	23.3	18.6	28.0