Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Time: Jun 24 03:38:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 03:35:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	68511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	317806	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	222983	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	541539	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	603506	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	459642	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	1059	0.89	ng/uL	0.00
5) Phenol-d5	6.65	99	23241	3.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	14210	3.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	18201	3.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	19027	3.52	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	9770	4.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	11058	4.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	22078	4.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	30281	5.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	84390	4.31	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	96061	4.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	9743	2.83	ng/ul	0.00
57) Fluorene-d10	15.12	176	74516	4.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	9899	2.98	ng/ul	0.00
70) Anthracene-d10	16.87	188	541539	20.71	ng/ul	-0.09
76) Pyrene-d10	19.27	212	138173	4.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	95358	4.29	ng/ul	0.00
Target Compounds						Qvalue
8) Bis(2-Chloroethyl)ether	6.92	93	7905	1.615	ng/ul#	23
17) Hexachloroethane	8.56	117	3269	1.606	ng/ul#	1
28) Naphthalene	10.29	128	7307096	462.023	ng/ul	99
30) 4-Chloroaniline	10.29	127	987041	169.369	ng/ul#	25
34) 2-Methylnaphthalene	11.90	142	1448254	113.916	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	345158	19.799	ng/ul	97
44) Dimethylphthalate	13.58	163	22598	1.178	ng/ul#	96
47) Acenaphthylene	13.83	152	76647	3.534	ng/ul#	90
49) Acenaphthene	14.18	153	1024453	70.030	ng/ul	97
53) Dibenzofuran	14.52	168	1197084	54.034	ng/ul	93
58) Fluorene	15.17	166	1187972	64.047	ng/ul	99
60) 4-Nitroaniline	15.17	138	17410	4.398	ng/ul#	1
69) Phenanthrene	16.92	178	5493157	190.799	ng/ul	99
71) Anthracene	17.00	178	753415	25.401	ng/ul	97
72) Carbazole	17.27	167	347696	13.436	ng/ul#	97
74) Fluoranthene	18.94	202	3303866	89.044	ng/ul#	96
77) Pyrene	19.31	202	2153006	61.764	ng/ul	98
80) Benzo(a)anthracene	21.07	228	663198	18.871	ng/ul	97
82) Chrysene	21.12	228	471035	15.032	ng/ul	97
85) Benzo(b)fluoranthene	22.59	252	298052	9.989	ng/ul	99
86) Benzo(k)fluoranthene	22.59	252	298052	10.537	ng/ul	99
88) Benzo(a)pyrene	23.13	252	167369	6.093	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.33	276	51444	1.806	ng/ul#	88

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B27ME

Quant Time: Jun 24 03:38:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 03:35:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	25.97	276	35195	1.552	ng/ul#	93

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 03:35:21 2017
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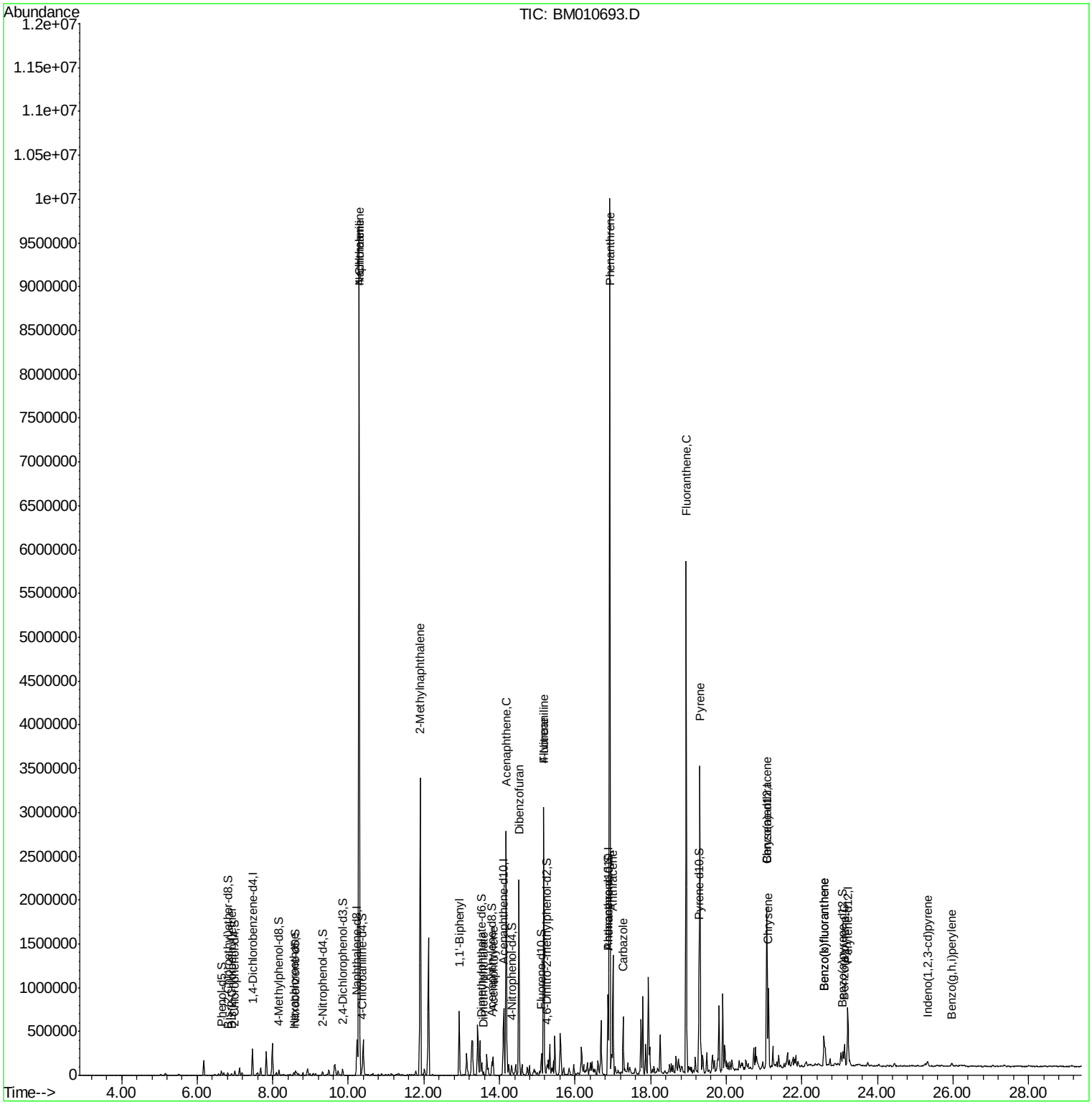
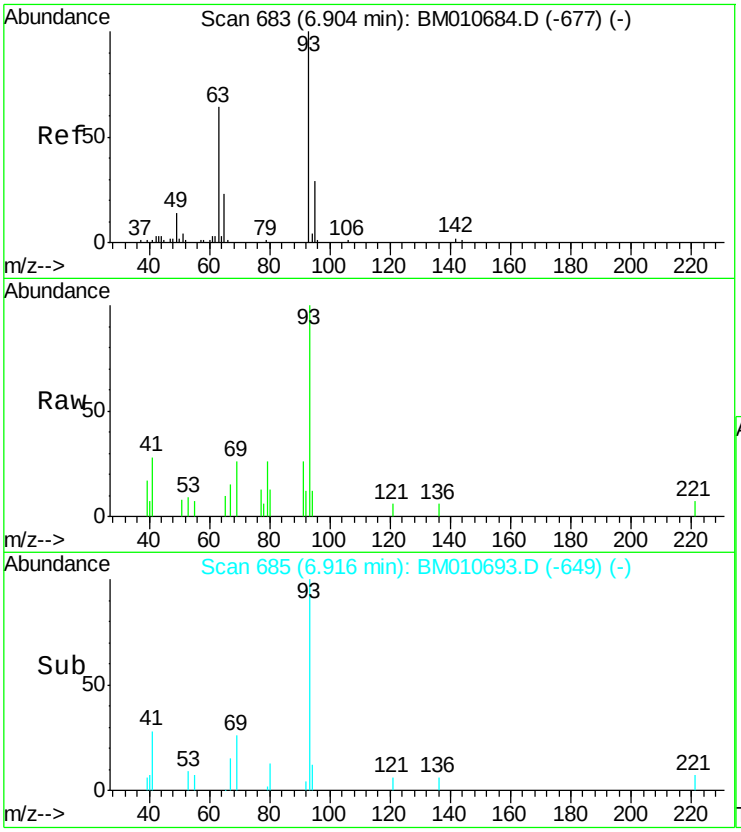


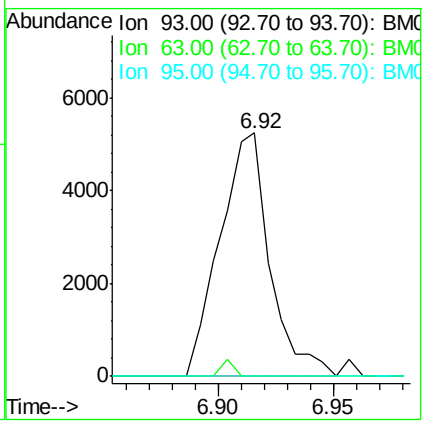


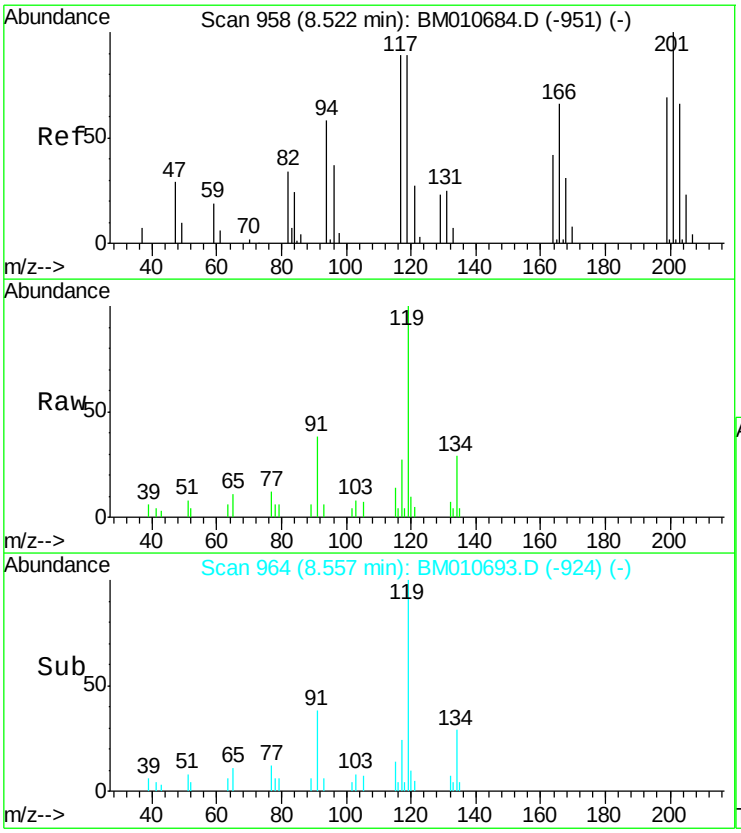
#8
Bis(2-Chloroethyl)ether
Concen: 1.615 ng/ul
RT: 6.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion: 93 Resp: 7905

Ion	Ratio	Lower	Upper
93	100		
63	0.0	57.3	85.9#
95	0.0	26.6	39.8#

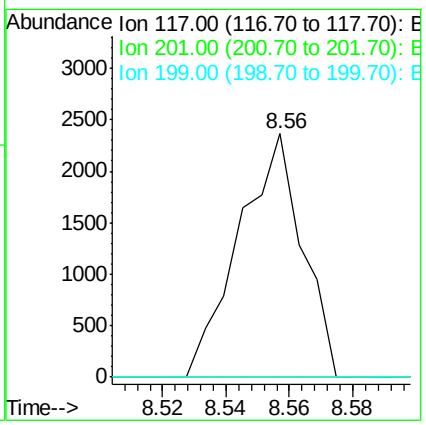


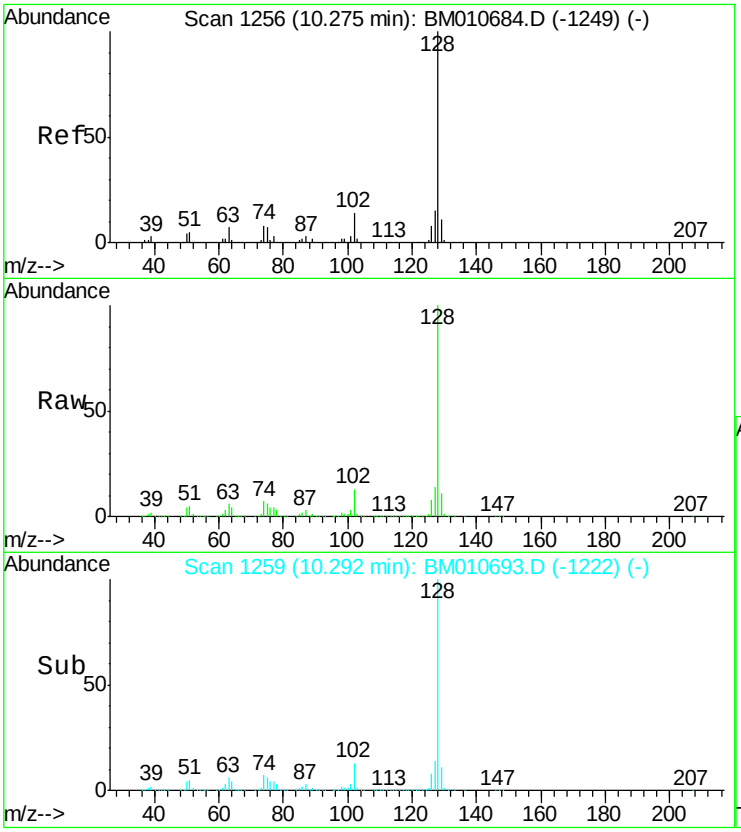


#17
Hexachloroethane
Concen: 1.606 ng/ul
RT: 8.56 min Scan# 964
Delta R.T. 0.04 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:117 Resp: 3269

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



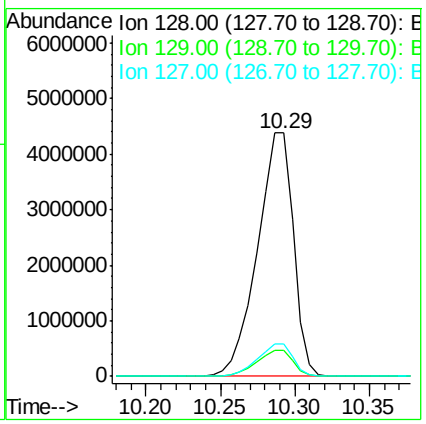


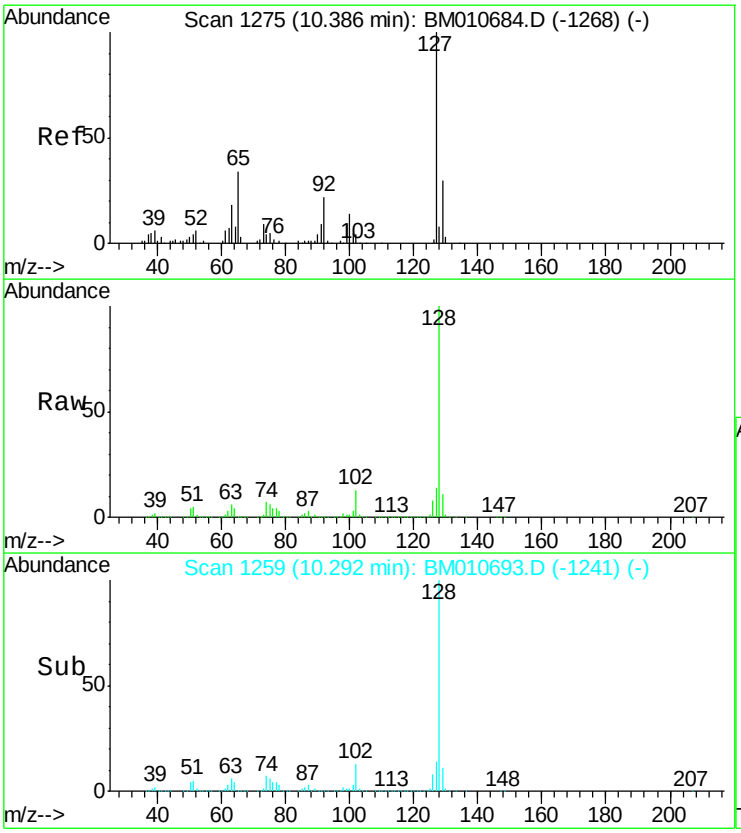
#28
Naphthalene
Concen: 462.023 ng/ul
RT: 10.29 min Scan# 1259
Delta R.T. 0.02 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:128 Resp: 7307096

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.6	10.6	16.0

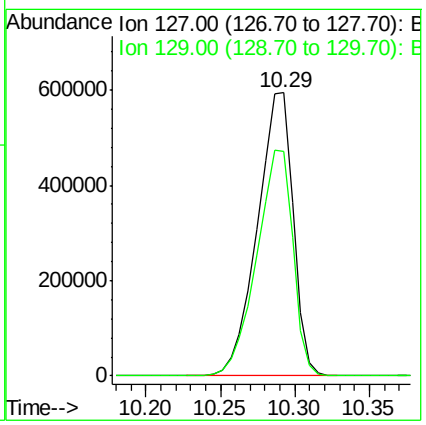


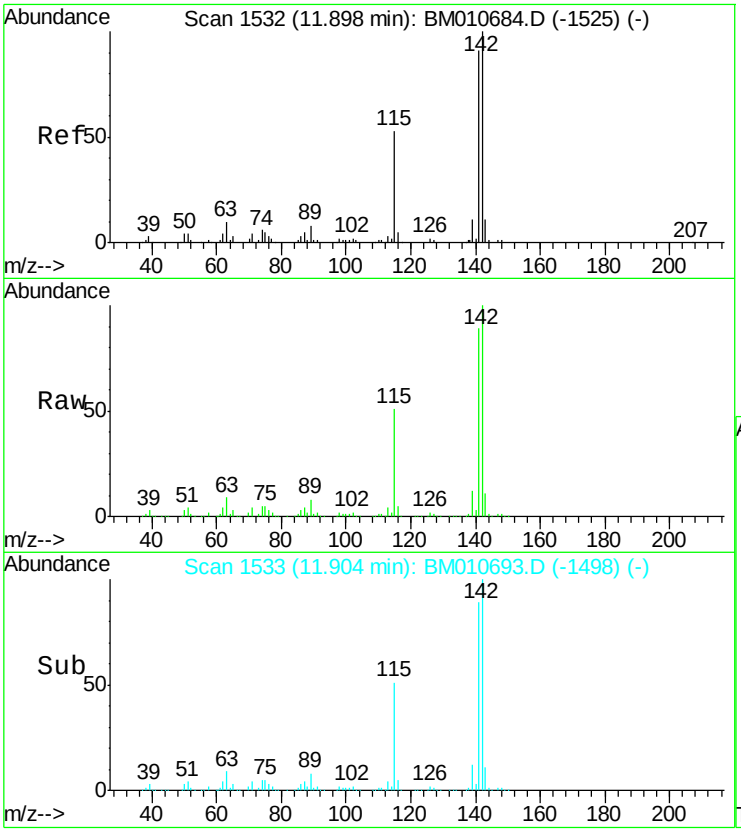


#30
4-Chloroaniline
Concen: 169.369 ng/ul
RT: 10.29 min Scan# 1259
Delta R.T. -0.09 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:127 Resp: 987041

Ion	Ratio	Lower	Upper
127	100		
129	79.2	28.4	42.6#



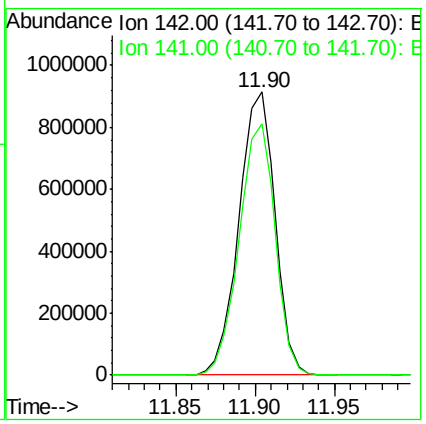


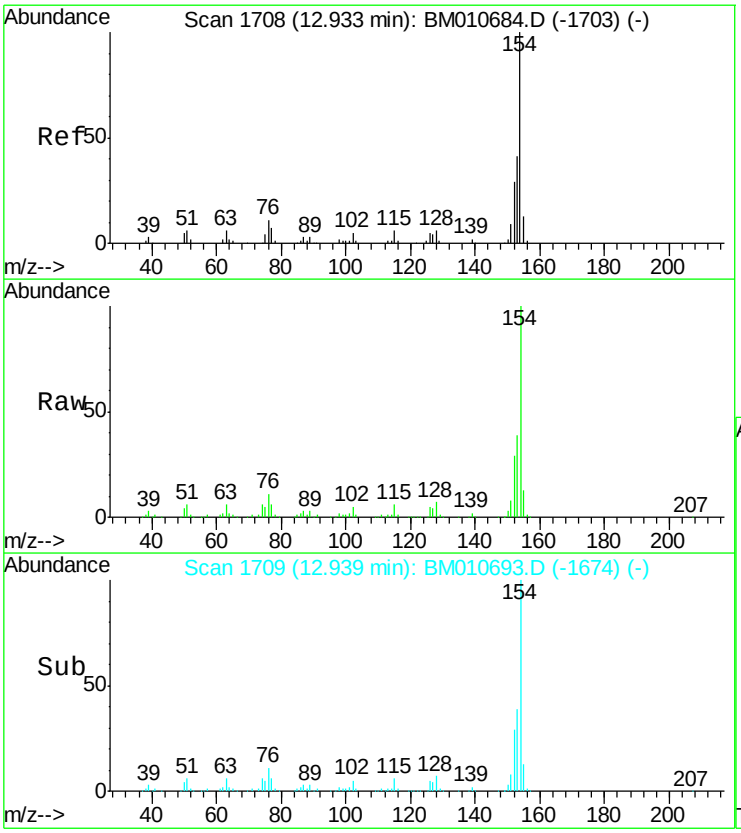
#34
2-Methylnaphthalene
Concen: 113.916 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:142 Resp: 1448254

Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.1	111.1

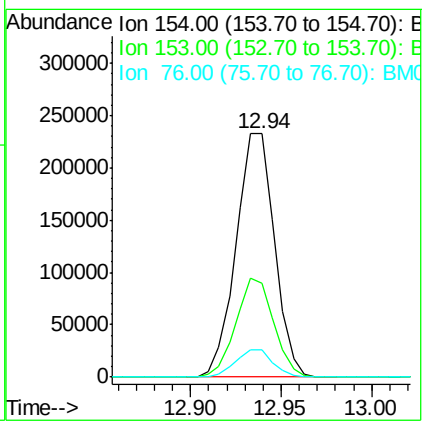


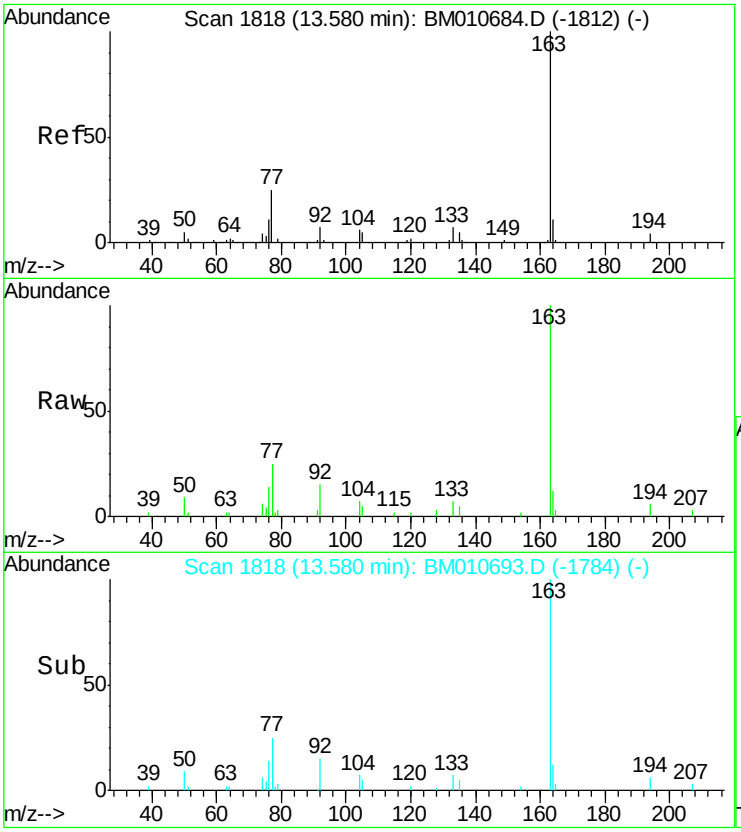


#40
1,1'-Biphenyl
Concen: 19.799 ng/ul
RT: 12.94 min Scan# 1709
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:154 Resp: 345158

Ion	Ratio	Lower	Upper
154	100		
153	38.6	32.6	48.8
76	11.2	8.5	12.7



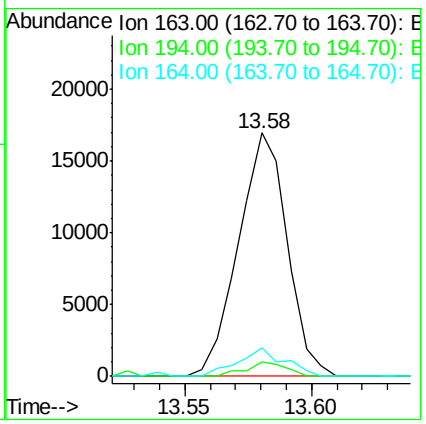


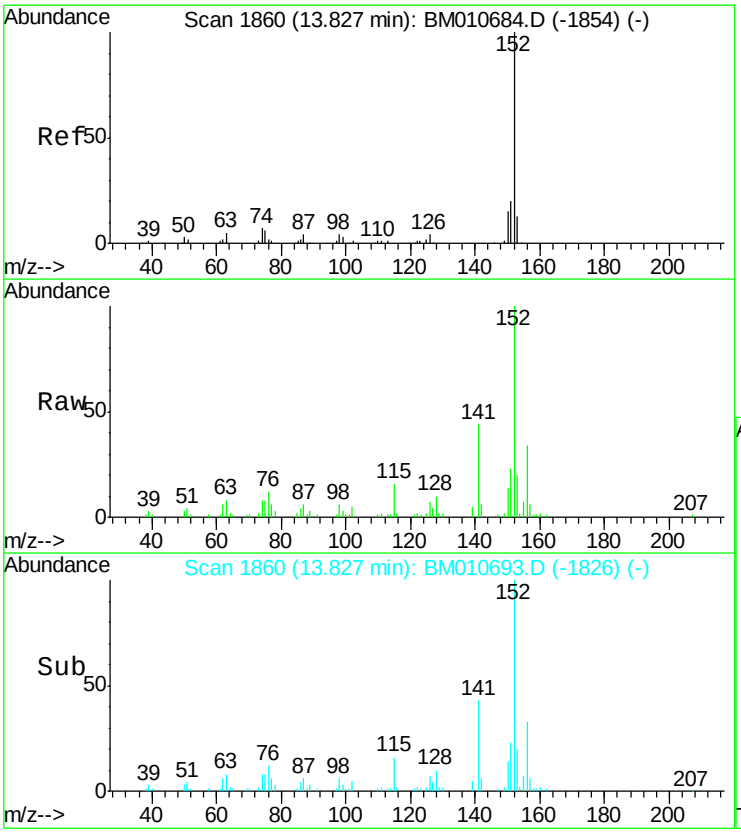
#44
Dimethylphthalate
Concen: 1.178 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:163 Resp: 22598

Ion	Ratio	Lower	Upper
163	100		
194	5.8	3.5	5.3#
164	11.6	8.2	12.4

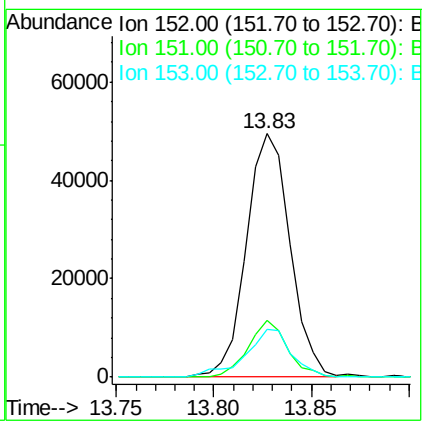


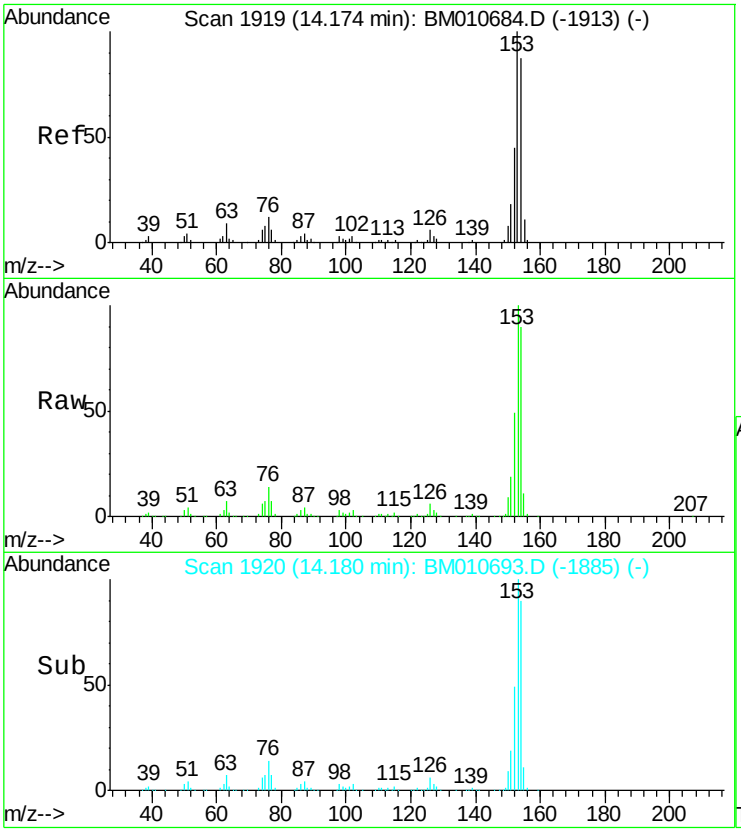


#47
Acenaphthylene
Concen: 3.534 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:152 Resp: 76647

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.3	24.5
153	19.6	10.2	15.4#



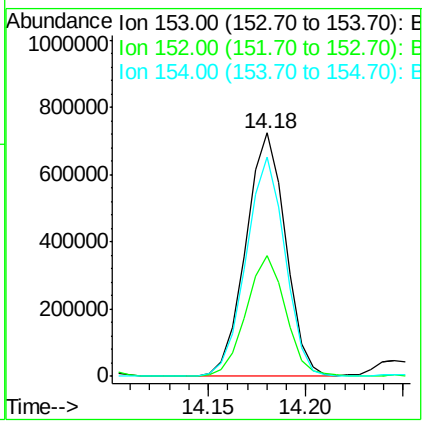


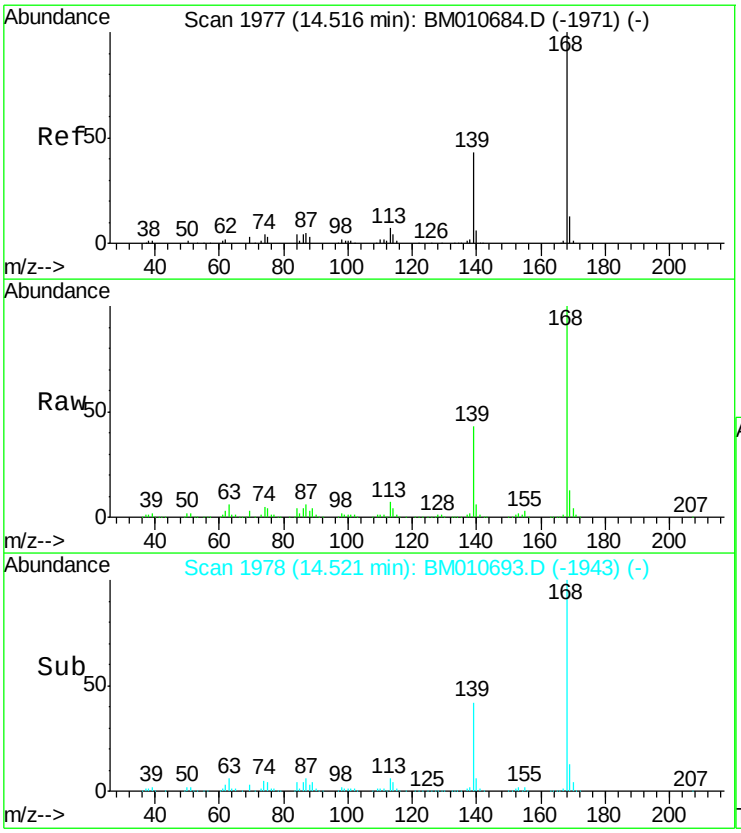
#49
Acenaphthene
Concen: 70.030 ng/ul
RT: 14.18 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:153 Resp: 1024453

Ion	Ratio	Lower	Upper
153	100		
152	49.4	37.6	56.4
154	90.1	70.4	105.6

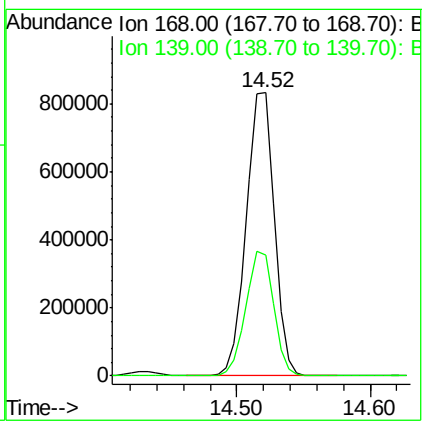


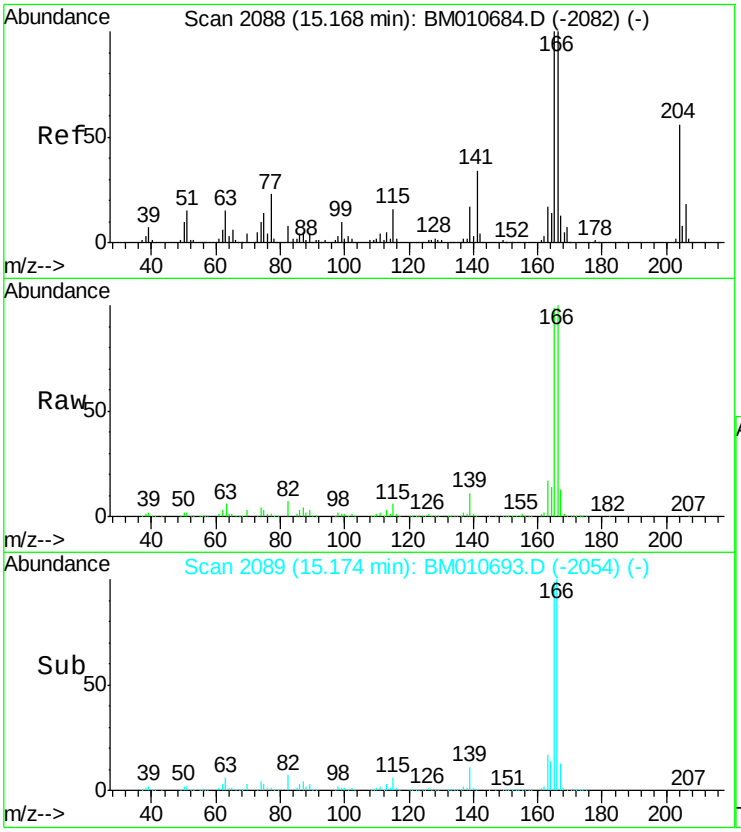


#53
Dibenzofuran
Concen: 54.034 ng/ul
RT: 14.52 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:168 Resp: 1197084

Ion	Ratio	Lower	Upper
168	100		
139	42.6	30.8	46.2



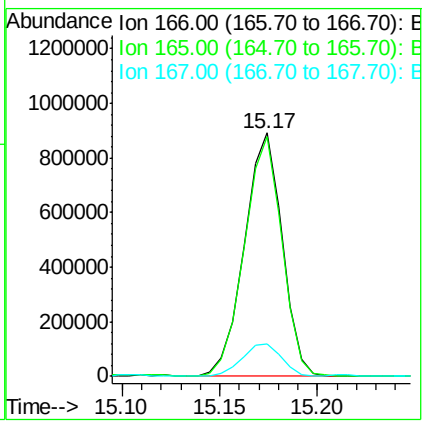


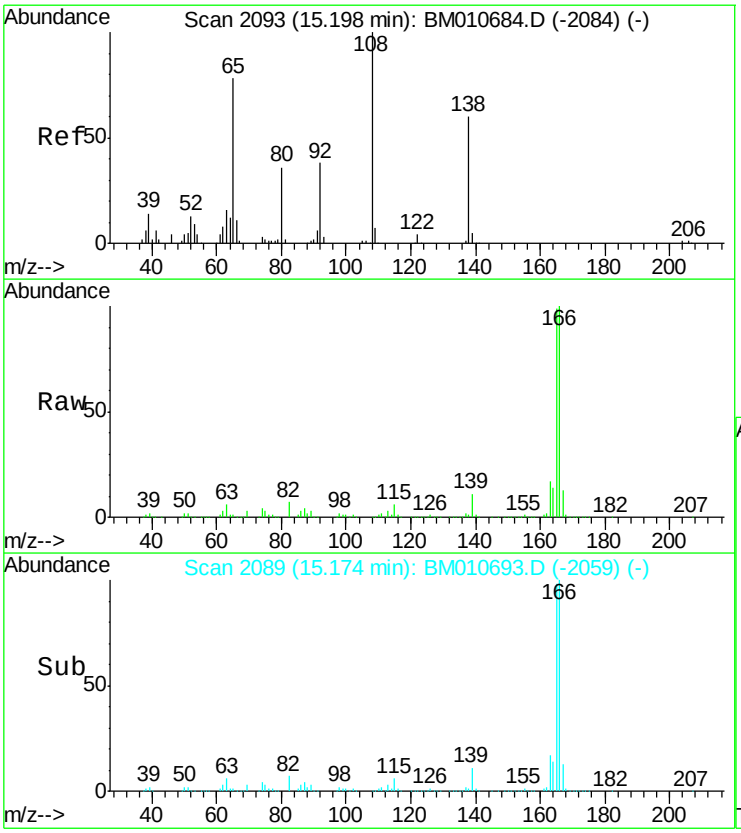
#58
Fluorene
Concen: 64.047 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:166 Resp: 1187972

Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.9	116.9
167	13.4	10.6	16.0

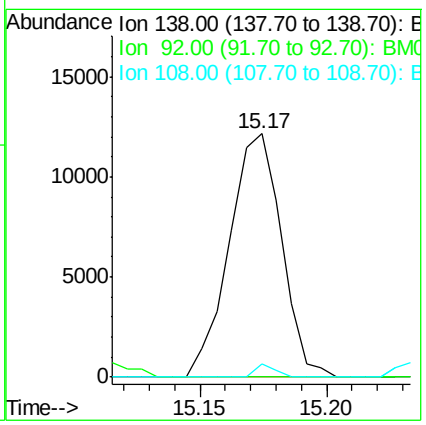


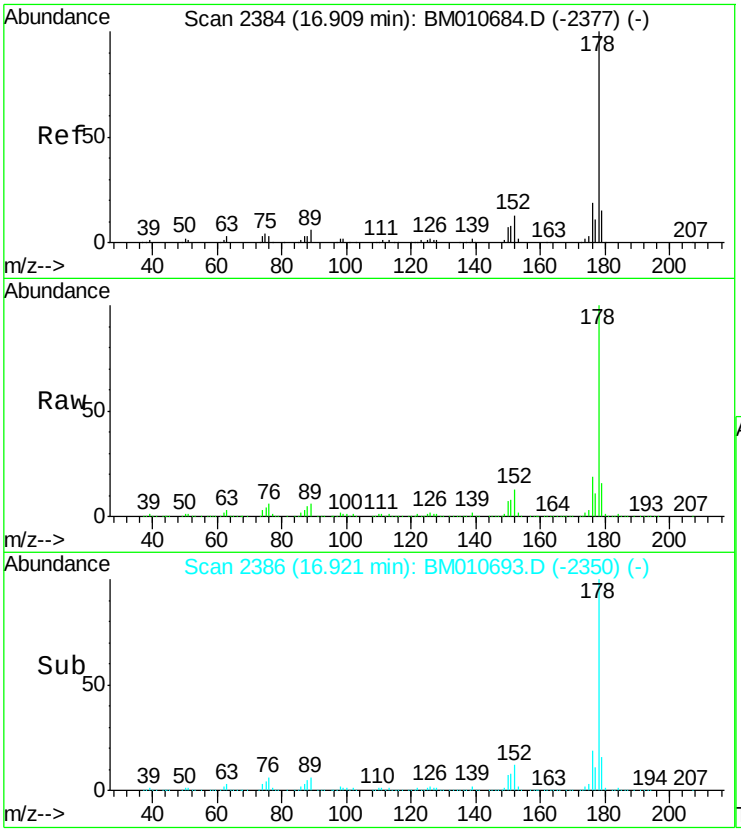


#60
4-Nitroaniline
Concen: 4.398 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. -0.02 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:138 Resp: 17410

Ion	Ratio	Lower	Upper
138	100		
92	0.0	52.7	79.1#
108	5.4	140.4	210.6#



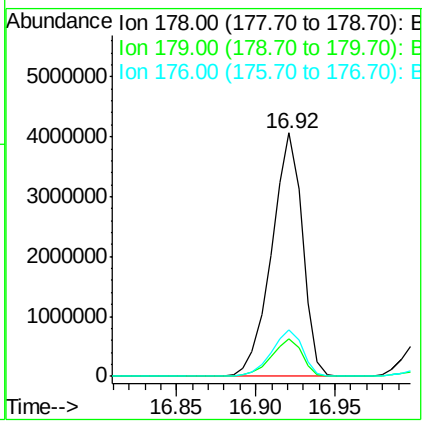


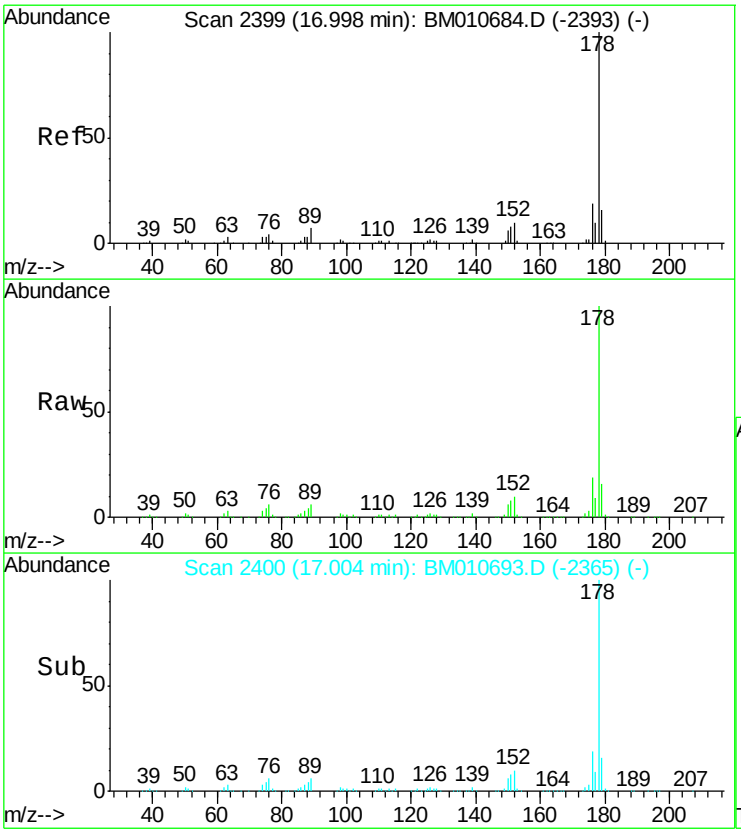
#69
Phenanthrene
Concen: 190.799 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:178 Resp: 5493157

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.3	14.9	22.3

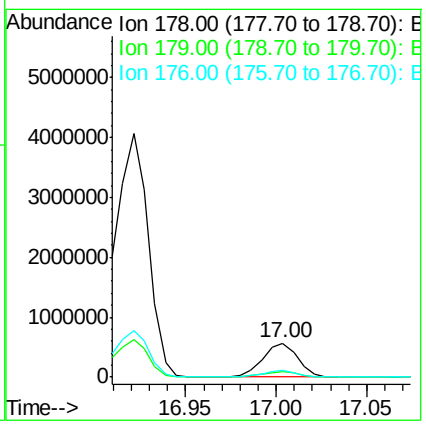


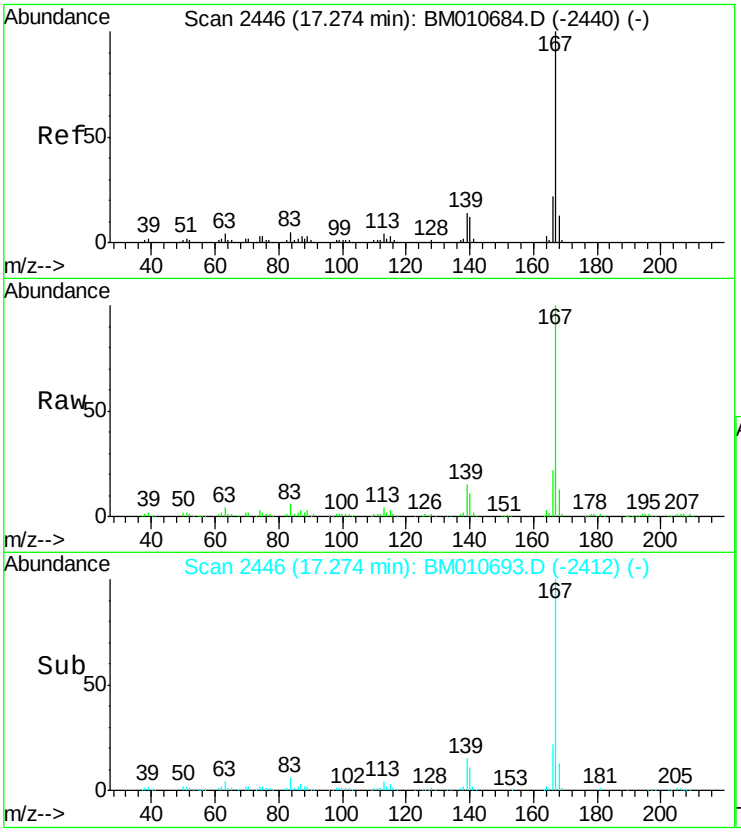


#71
Anthracene
Concen: 25.401 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:178 Resp: 753415

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.7	17.5
176	19.4	14.6	21.8



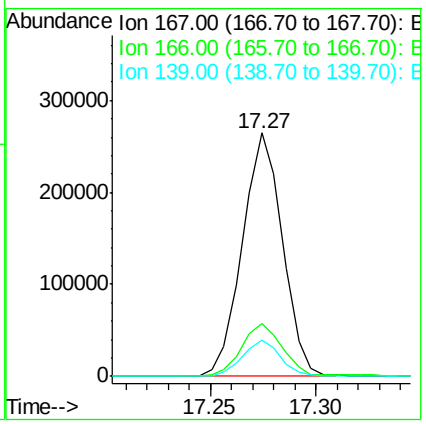


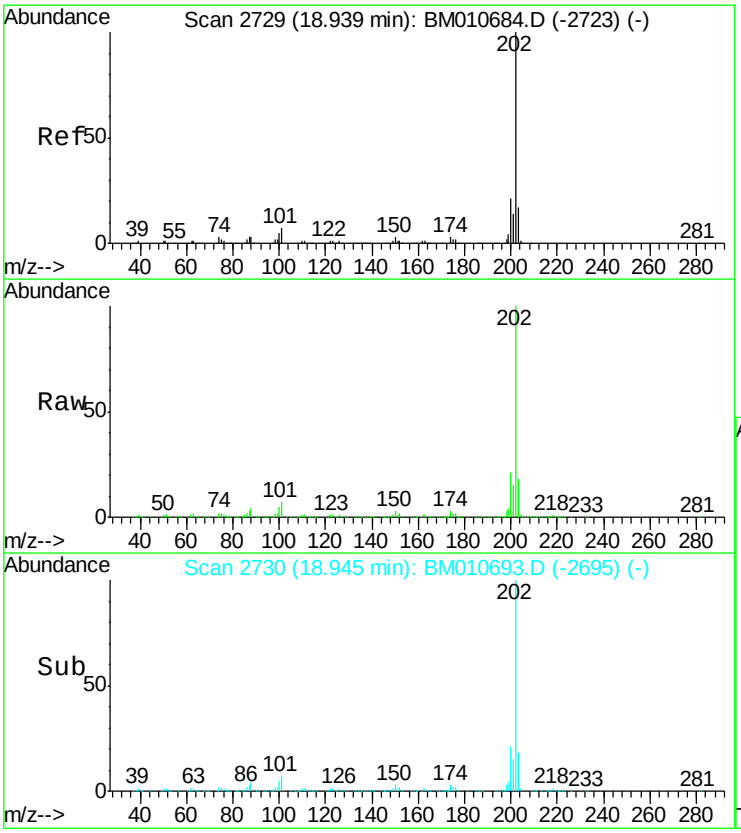
#72
Carbazole
Concen: 13.436 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:167 Resp: 347696

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	15.1	10.0	15.0#

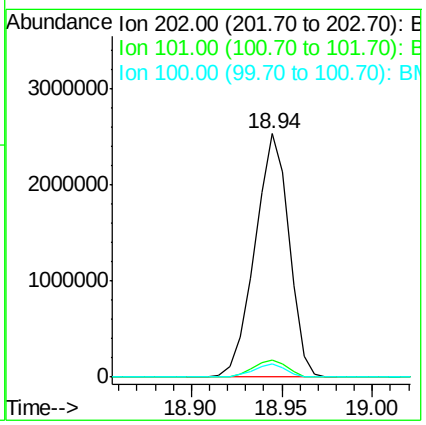


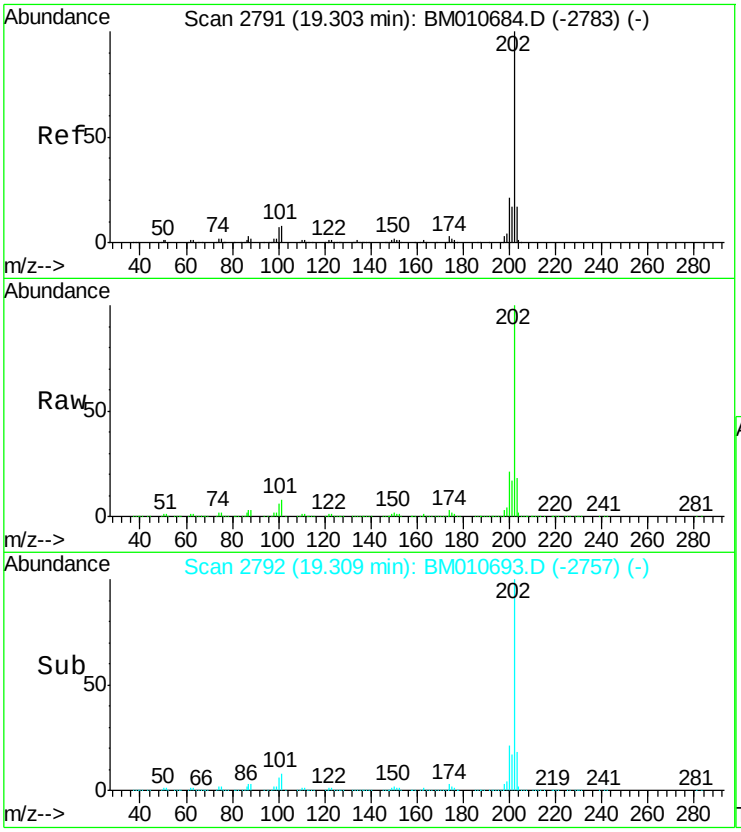


#74
Fluoranthene
Concen: 89.044 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:202 Resp: 3303866

Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.6	7.0#
100	5.5	3.4	5.2#



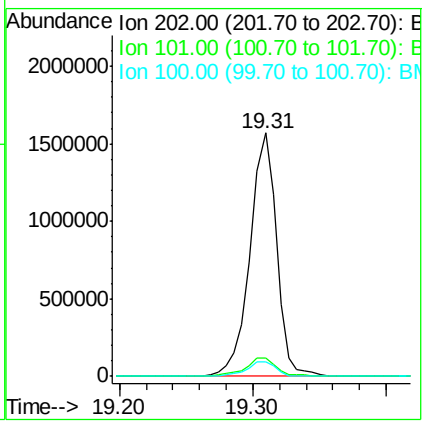


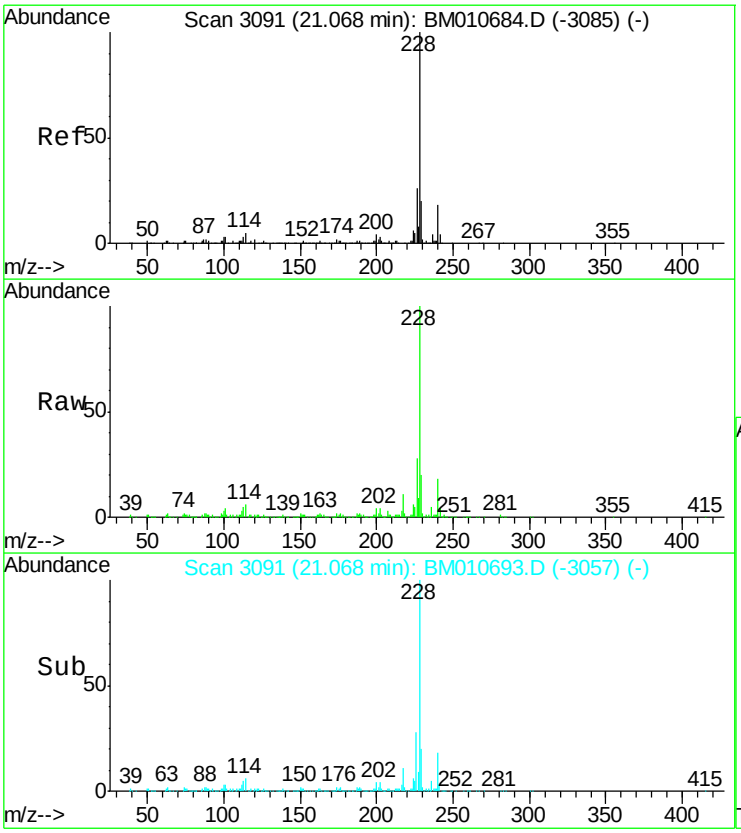
#77
Pyrene
Concen: 61.764 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:202 Resp: 2153006

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.1	7.7
100	6.1	4.9	7.3

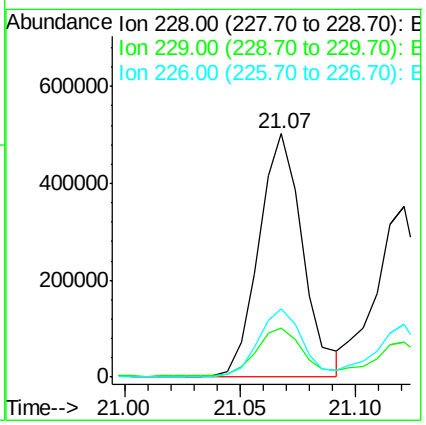


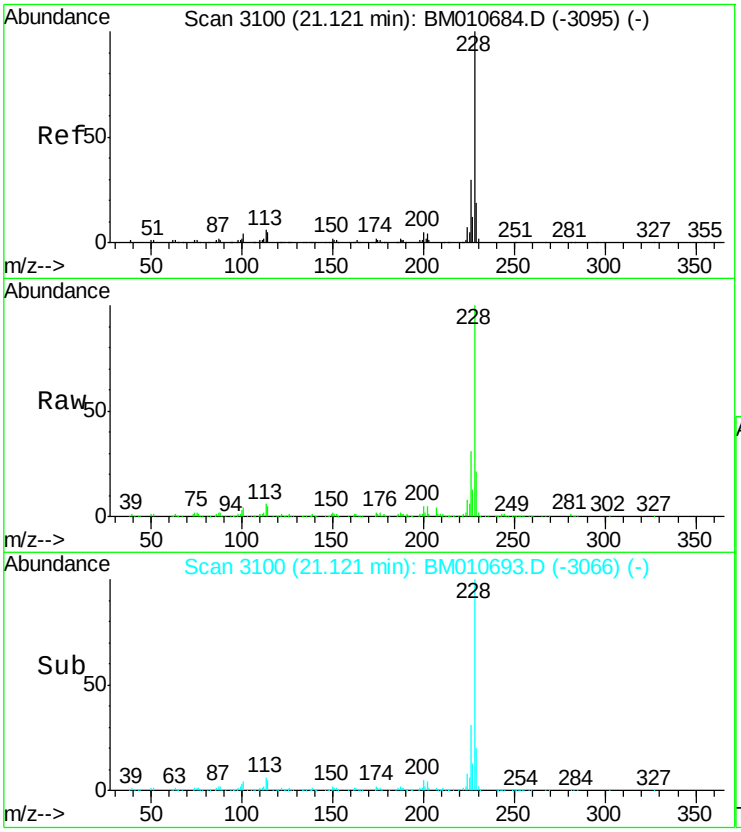


#80
Benzo(a)anthracene
Concen: 18.871 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:228 Resp: 663198

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	28.3	21.4	32.0



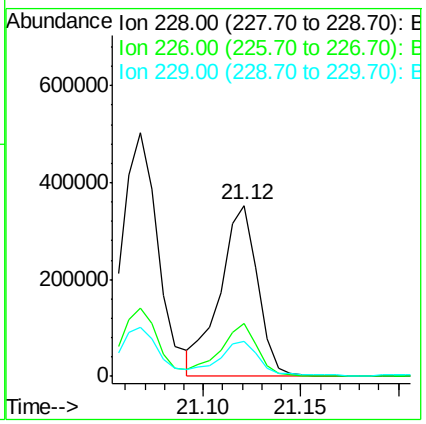


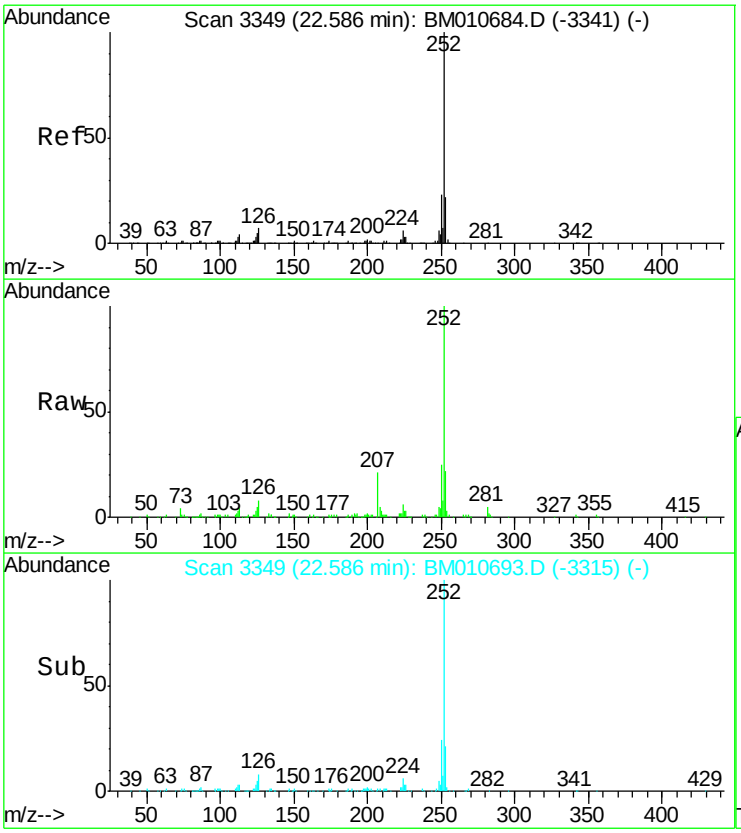
#82
Chrysene
Concen: 15.032 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:228 Resp: 471035

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	20.7	15.5	23.3

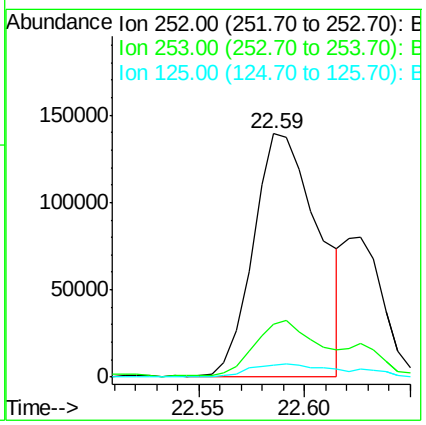


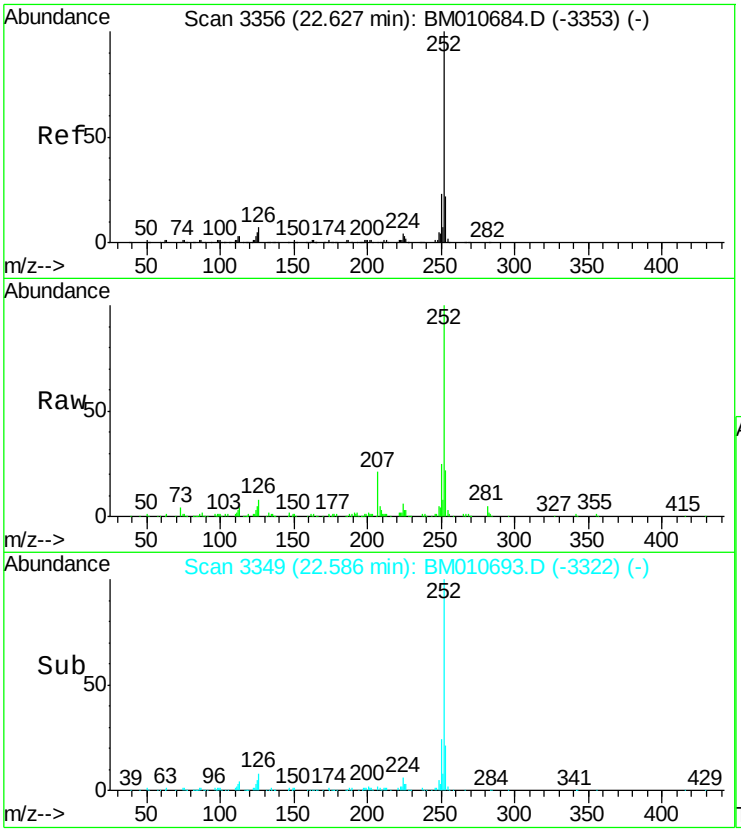


#85
Benzo(b)fluoranthene
Concen: 9.989 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:252 Resp: 298052

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	5.0	3.6	5.4



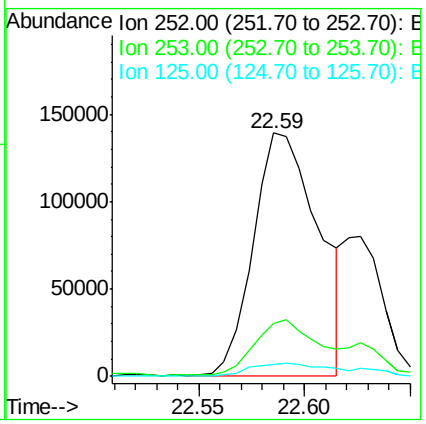


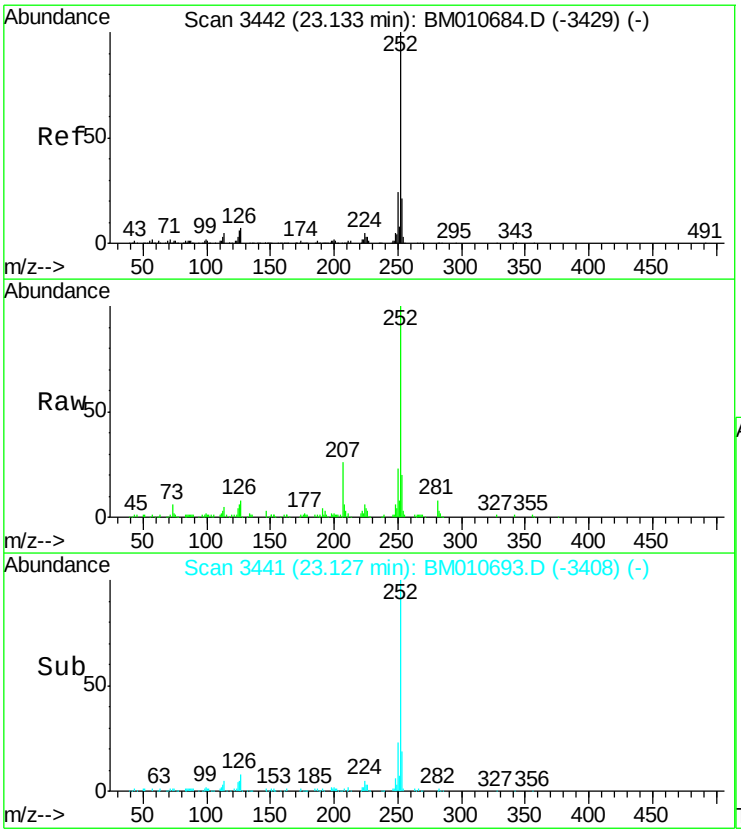
#86
Benzo(k)fluoranthene
Concen: 10.537 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:252 Resp: 298052

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	5.0	3.4	5.2

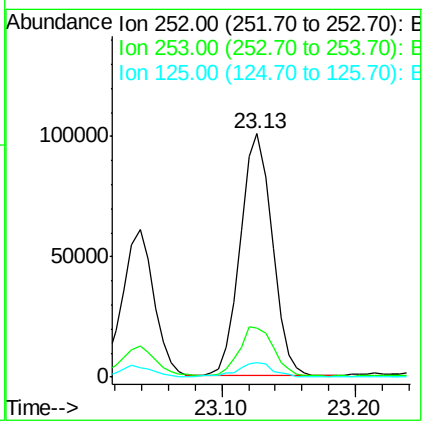


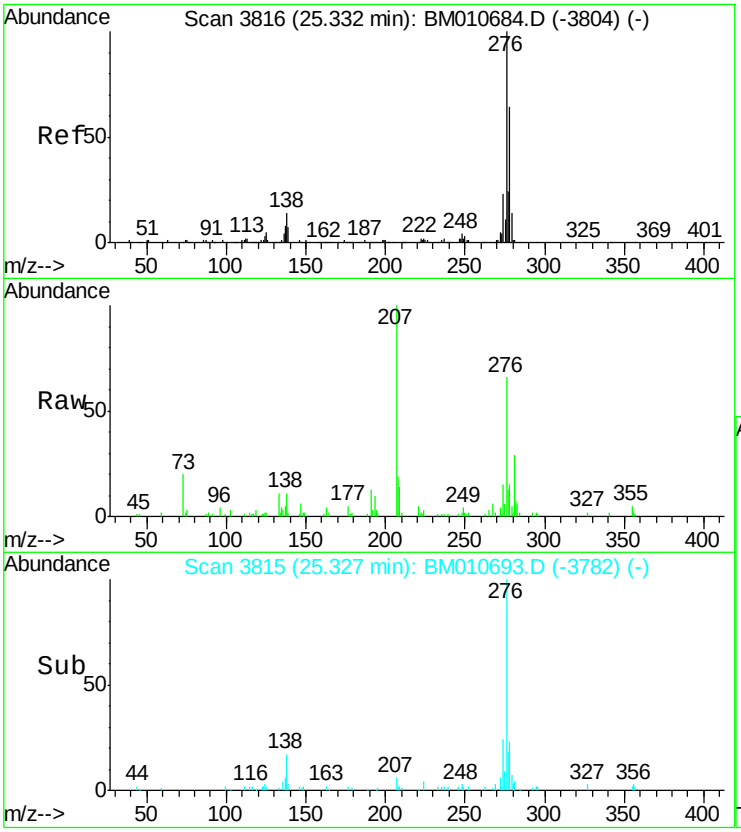


#88
Benzo(a)pyrene
Concen: 6.093 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:252 Resp: 167369

Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.2	27.2
125	5.9	4.0	6.0



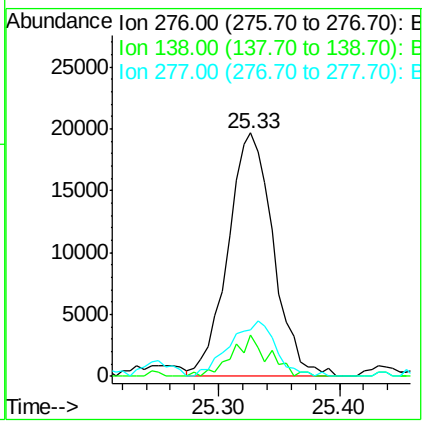


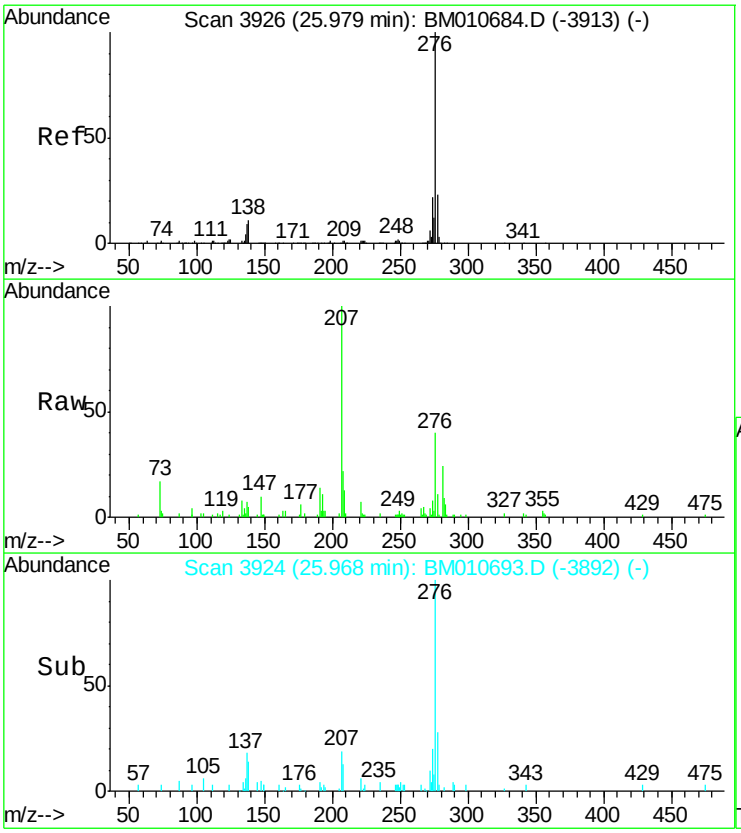
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.806 ng/ul
RT: 25.33 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:276 Resp: 51444

Ion	Ratio	Lower	Upper
276	100		
138	16.9	9.3	13.9#
277	19.2	19.9	29.9#





#91
Benzo(g,h,i)perylene
Concen: 1.552 ng/ul
RT: 25.97 min Scan# 3924
Delta R.T. -0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:276 Resp: 35195

Ion	Ratio	Lower	Upper
276	100		
138	13.2	8.5	12.7#
277	27.0	18.6	28.0