Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010730.D
Acq On : 24 Jun 2017 15:15
Operator : SJ/JU
Sample : I3625-16 25X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C83

Quant Time: Jun 26 05:03:30 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	59885	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	270035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	191198	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	471438	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	522710	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	396996	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	4291	0.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	2545	0.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	3799	0.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	3798	0.80	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1661	0.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	2159	0.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	4271	0.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	5254	1.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	16897	1.01	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	19358	0.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1825	0.62	ng/ul	0.00
57) Fluorene-d10	15.11	176	17008	1.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1867	0.64	ng/ul	0.00
70) Anthracene-d10	16.96	188	26015	1.14	ng/ul	0.00
76) Pyrene-d10	19.27	212	30871	1.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	20454	1.07	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	23198	3.95	ng/ul	98
11) 2-Methylphenol	7.90	108	10152	2.27	ng/ul	83
16) 4-Methylphenol	8.23	108	36668	7.44	ng/ul	99
28) Naphthalene	10.27	128	909374	67.67	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	211923	19.62	ng/ul	93
40) 1,1'-Biphenyl	12.93	154	49978	3.34	ng/ul	98
49) Acenaphthene	14.17	153	138317	11.03	ng/ul	99
53) Dibenzofuran	14.51	168	198945	10.47	ng/ul	92
58) Fluorene	15.17	166	156501	9.84	ng/ul	98
69) Phenanthrene	16.91	178	1040693	41.52	ng/ul	99
71) Anthracene	17.00	178	120687	4.67	ng/ul	95
74) Fluoranthene	18.94	202	767031	23.75	ng/ul	98
77) Pyrene	19.30	202	504989	16.73	ng/ul	98
80) Benzo(a)anthracene	21.06	228	172987	5.68	ng/ul	98
82) Chrysene	21.12	228	133784	4.93	ng/ul	99
85) Benzo(b)fluoranthene	22.59	252	72434	2.81	ng/ul#	94
86) Benzo(k)fluoranthene	22.63	252	28282	1.16	ng/ul#	91
88) Benzo(a)pyrene	23.12	252	43517	1.83	ng/ul#	95

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

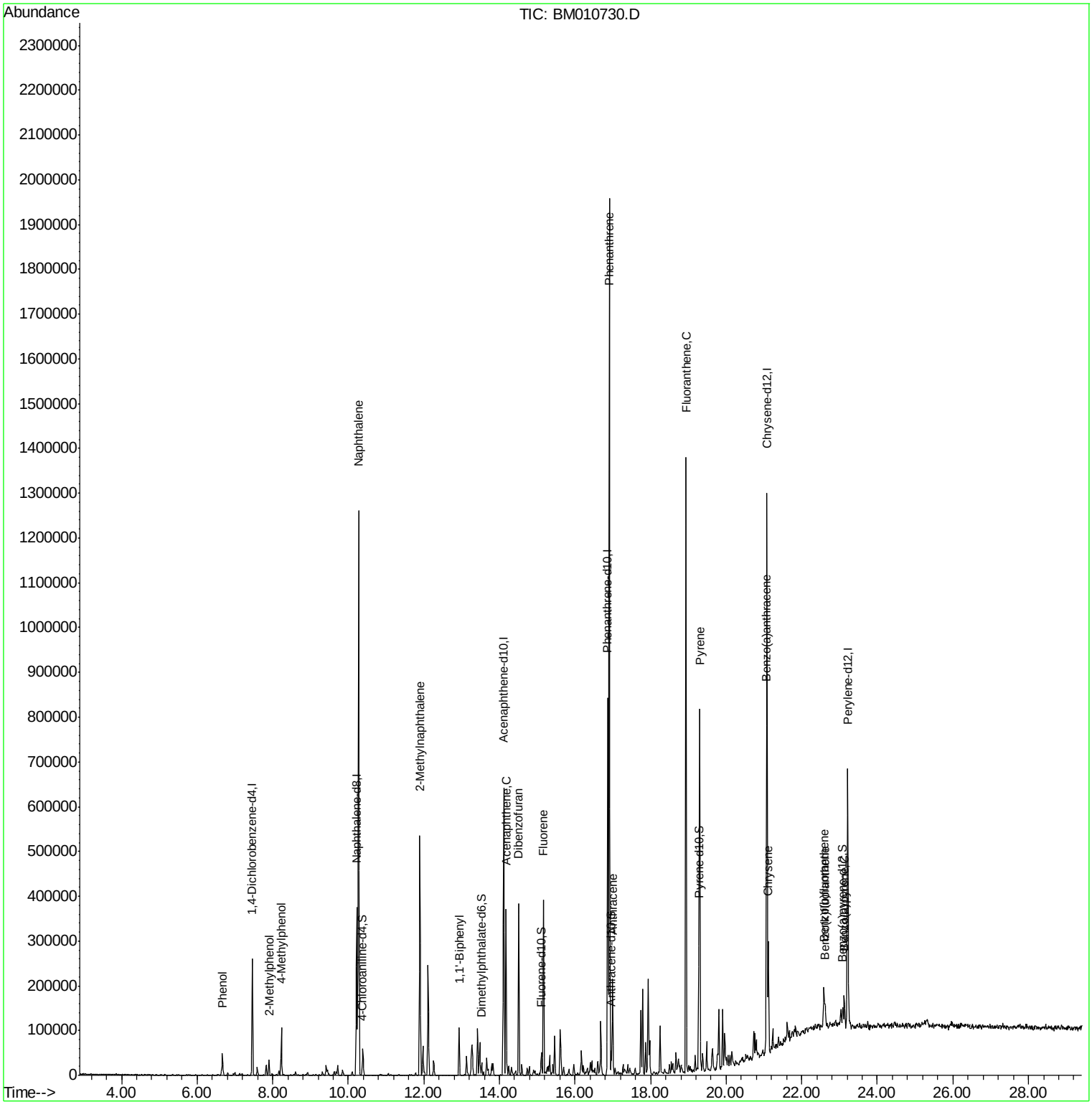
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

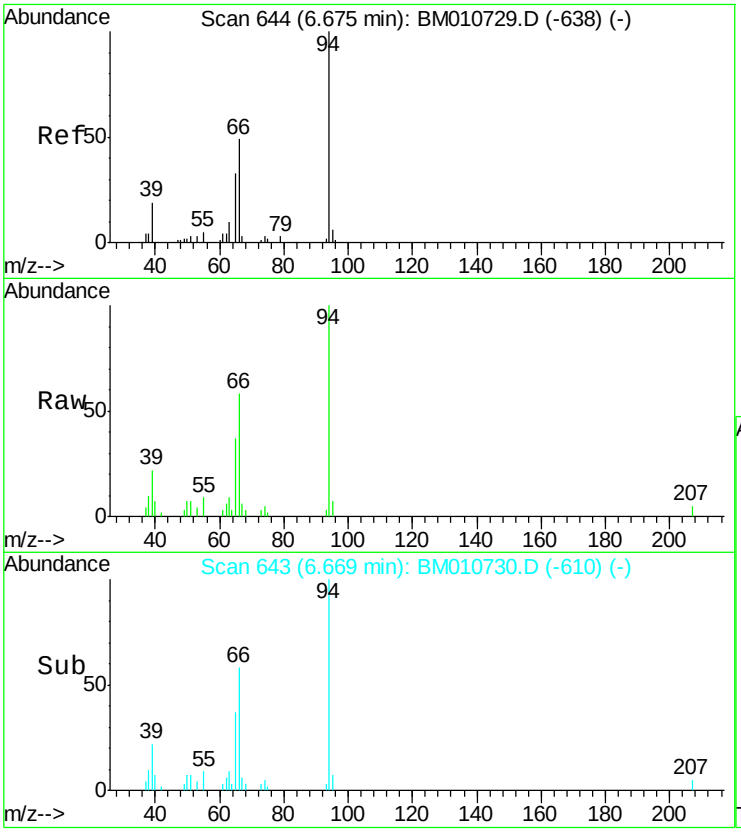
Quantitation Report (LSC Reviewed)

Data File : BM010730.D
Acq On : 24 Jun 2017 15:15
Operator : SJ/JU
Sample : I3625-16 25X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C83

Quant Time: Jun 26 05:03:30 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration



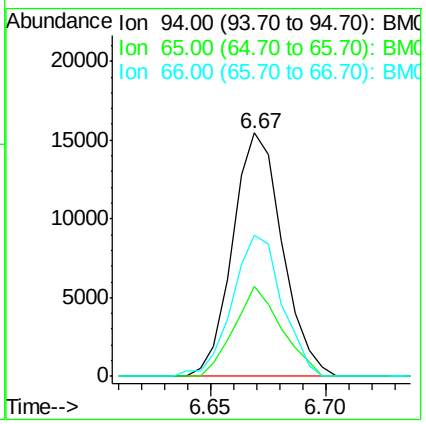


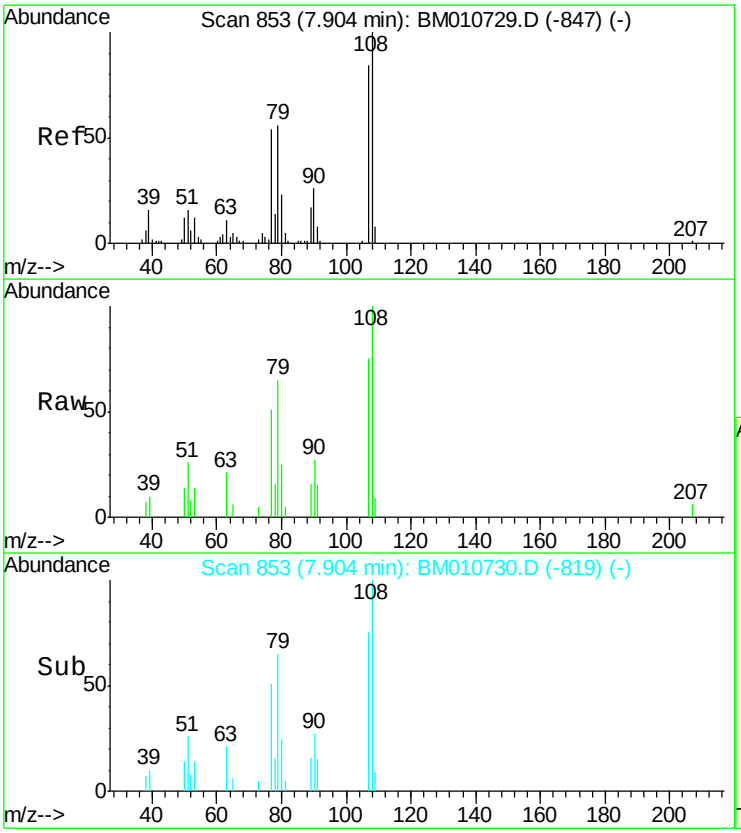
#6
Phenol
Concen: 3.95 ng/ul
RT: 6.67 min Scan# 643
Delta R.T. -0.01 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion: 94 Resp: 23198

Ion	Ratio	Lower	Upper
94	100		
65	36.8	28.2	42.4
66	58.1	47.2	70.8

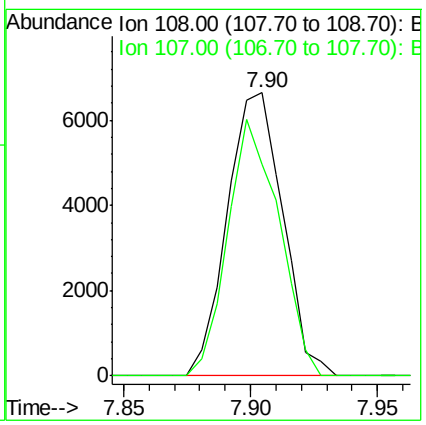


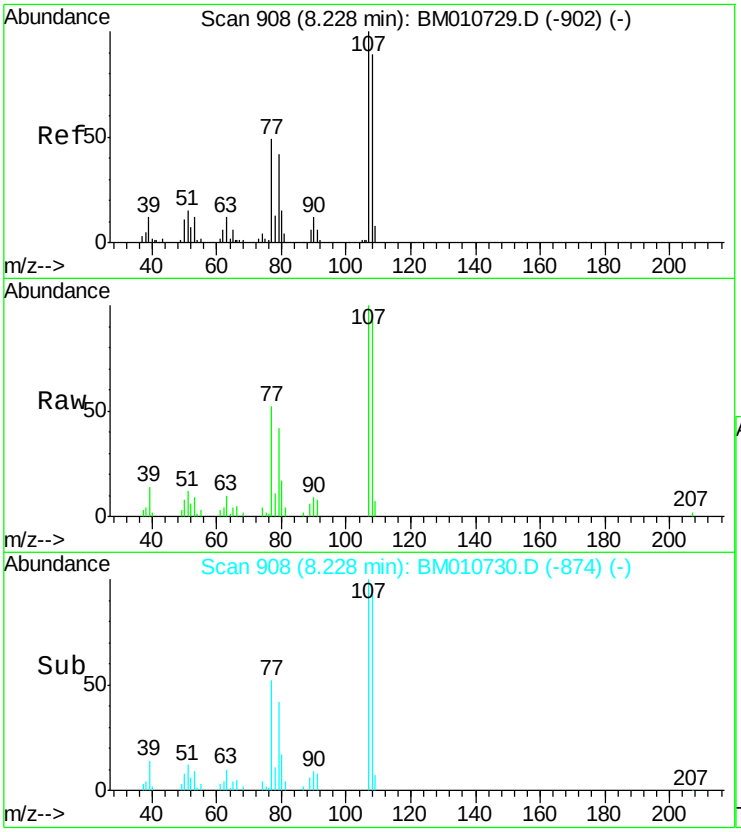


#11
2-Methylphenol
Concen: 2.27 ng/ul
RT: 7.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:108 Resp: 10152

Ion	Ratio	Lower	Upper
108	100		
107	74.7	72.6	108.8



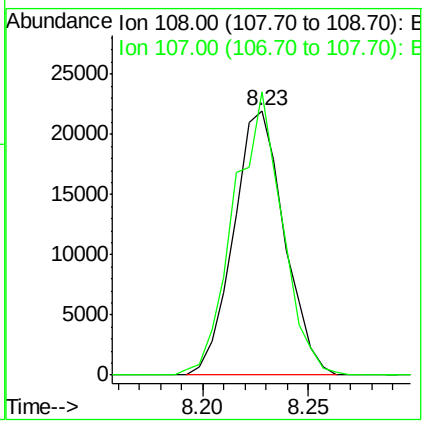


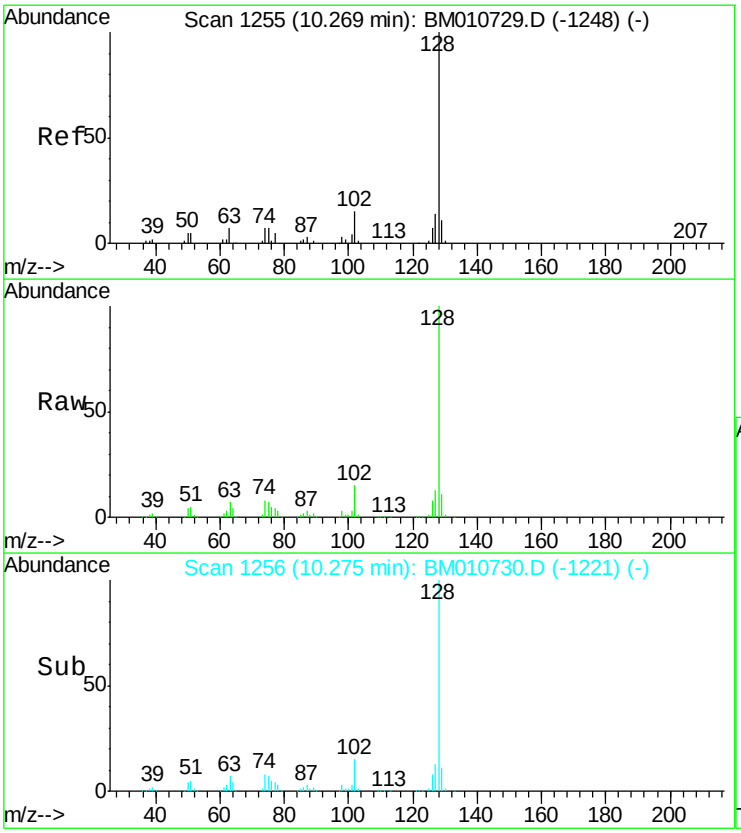
#16
4-Methylphenol
Concen: 7.44 ng/ul
RT: 8.23 min Scan# 908
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:108 Resp: 36668

Ion	Ratio	Lower	Upper
108	100		
107	107.1	84.9	127.3

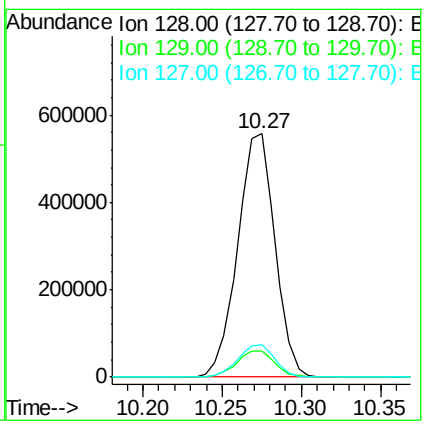


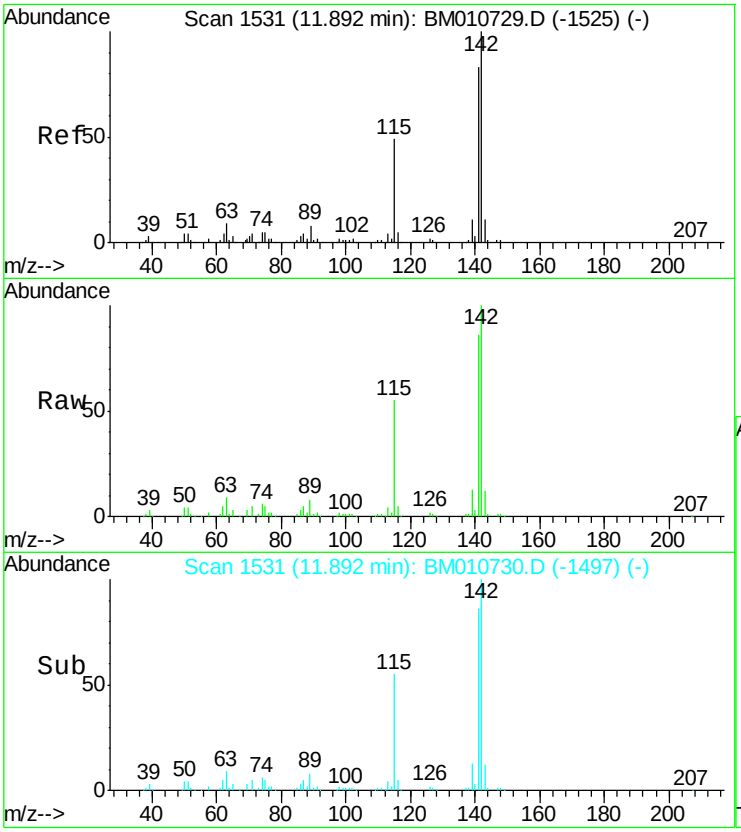


#28
Naphthalene
Concen: 67.67 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:128 Resp: 909374

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



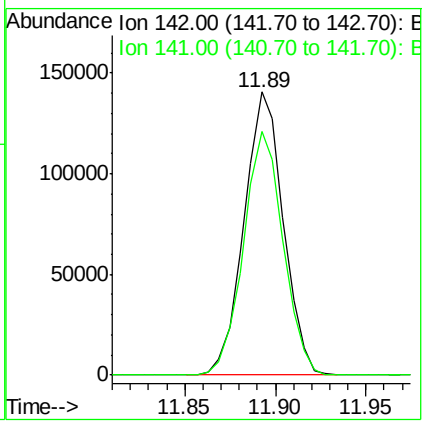


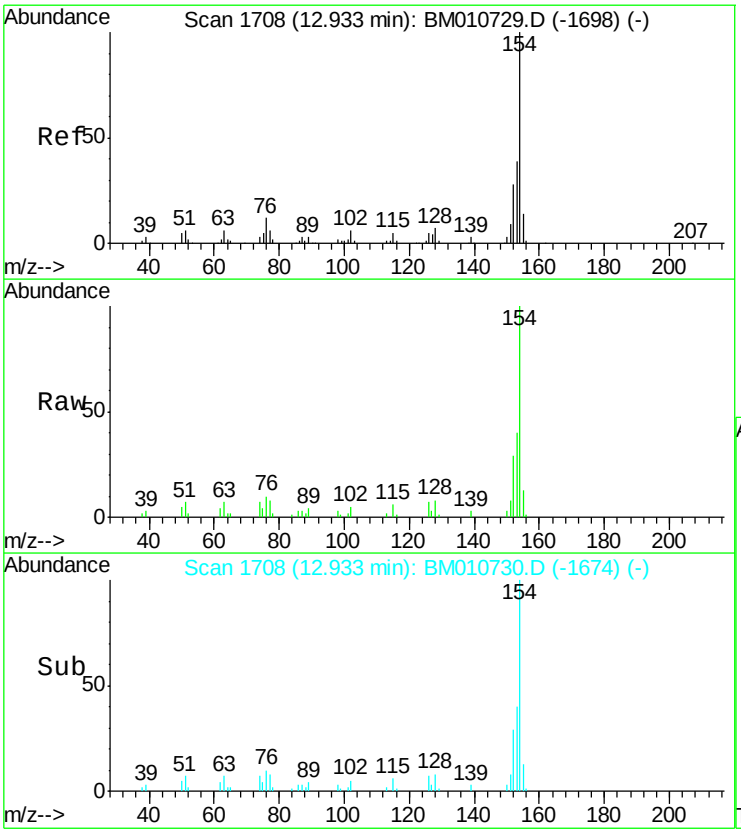
#34
2-Methylnaphthalene
Concen: 19.62 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:142 Resp: 211923

Ion	Ratio	Lower	Upper
142	100		
141	86.2	74.1	111.1

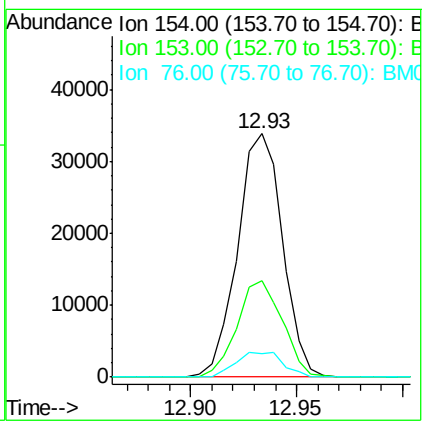


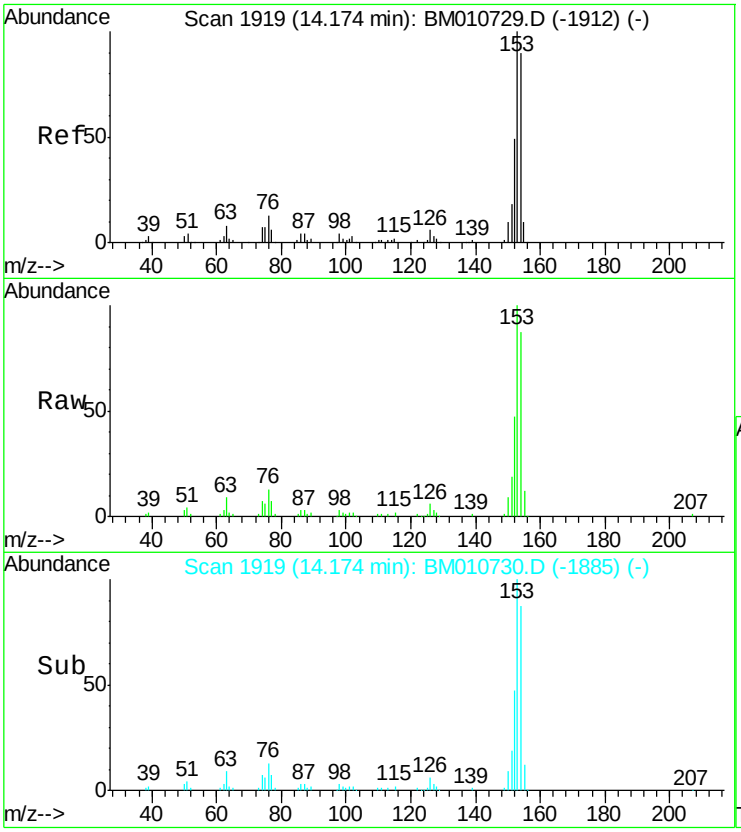


#40
1,1'-Biphenyl
Concen: 3.34 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:154 Resp: 49978

Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.6	48.8
76	9.7	8.5	12.7



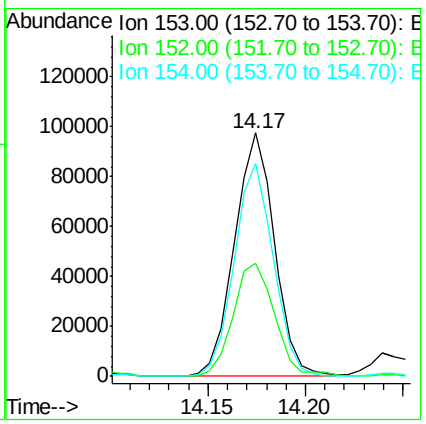


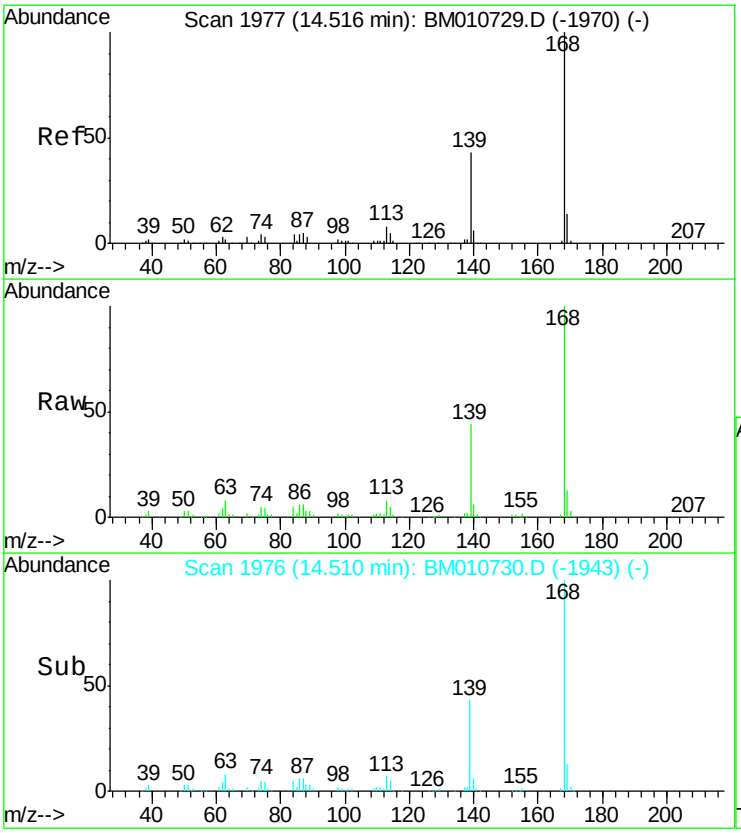
#49
Acenaphthene
Concen: 11.03 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:153 Resp: 138317

Ion	Ratio	Lower	Upper
153	100		
152	46.6	37.6	56.4
154	87.2	70.4	105.6

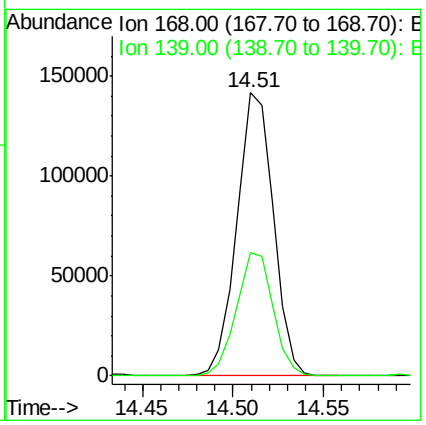


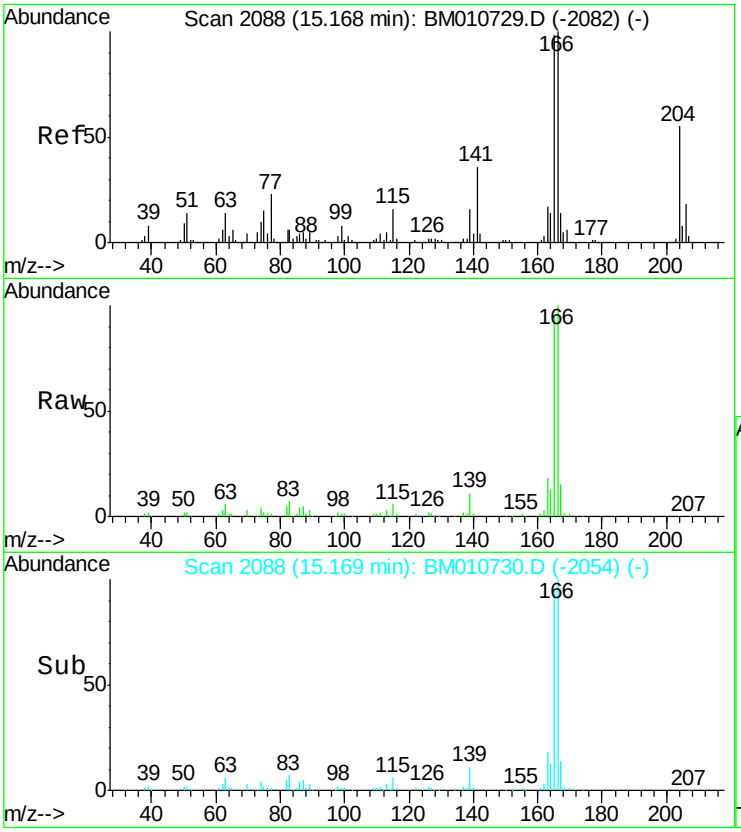


#53
Dibenzofuran
Concen: 10.47 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:168 Resp: 198945

Ion	Ratio	Lower	Upper
168	100		
139	43.5	30.8	46.2



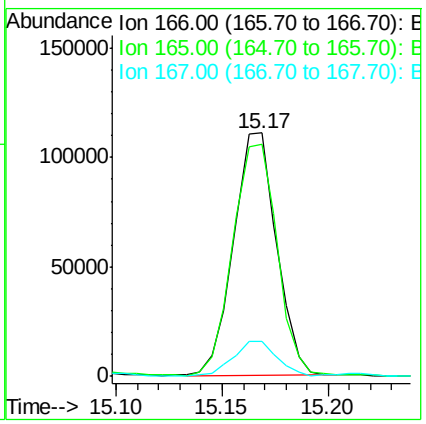


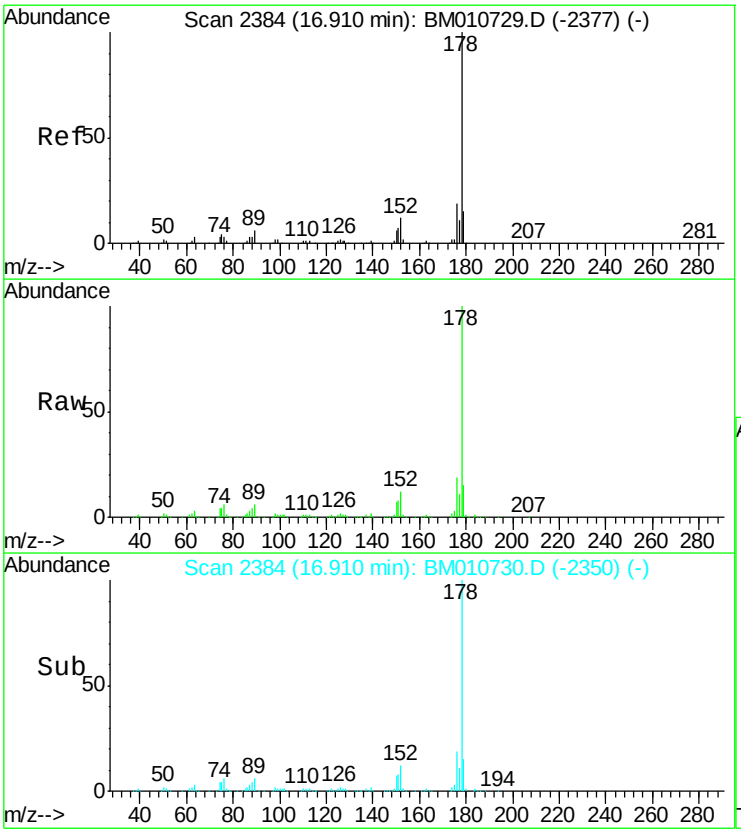
#58
Fluorene
Concen: 9.84 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:166 Resp: 156501

Ion	Ratio	Lower	Upper
166	100		
165	95.3	77.9	116.9
167	14.6	10.6	16.0

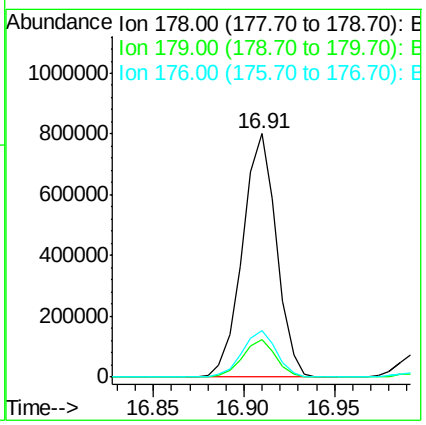


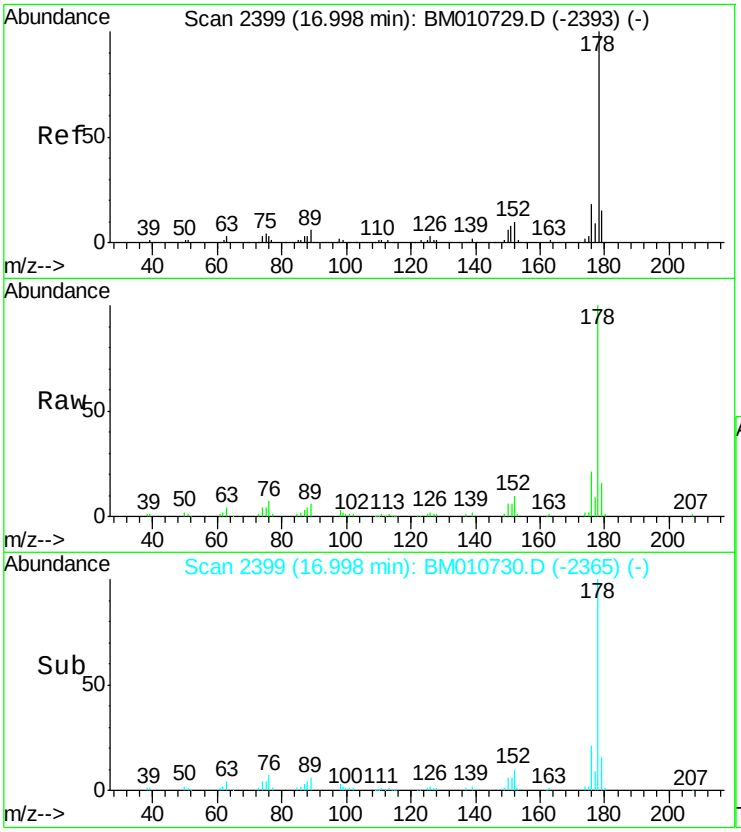


#69
Phenanthrene
Concen: 41.52 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:178 Resp: 1040693

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.0	14.9	22.3



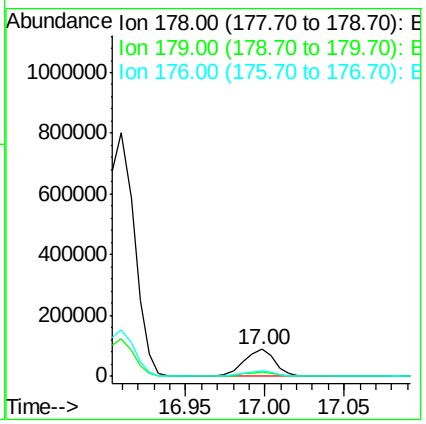


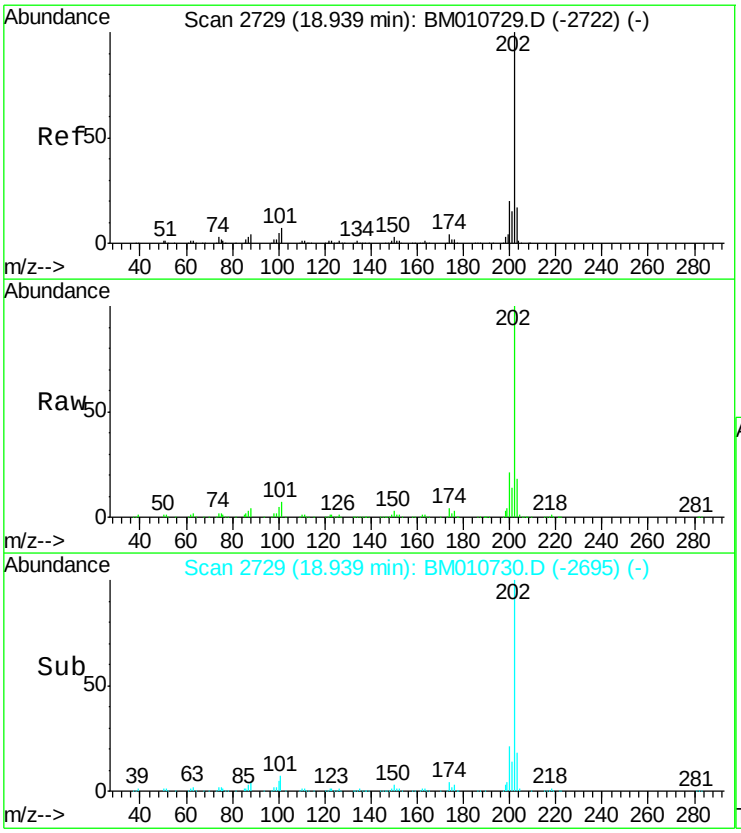
#71
Anthracene
Concen: 4.67 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:178 Resp: 120687

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	20.7	14.6	21.8

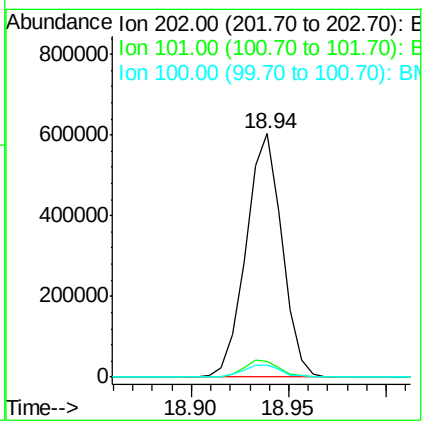


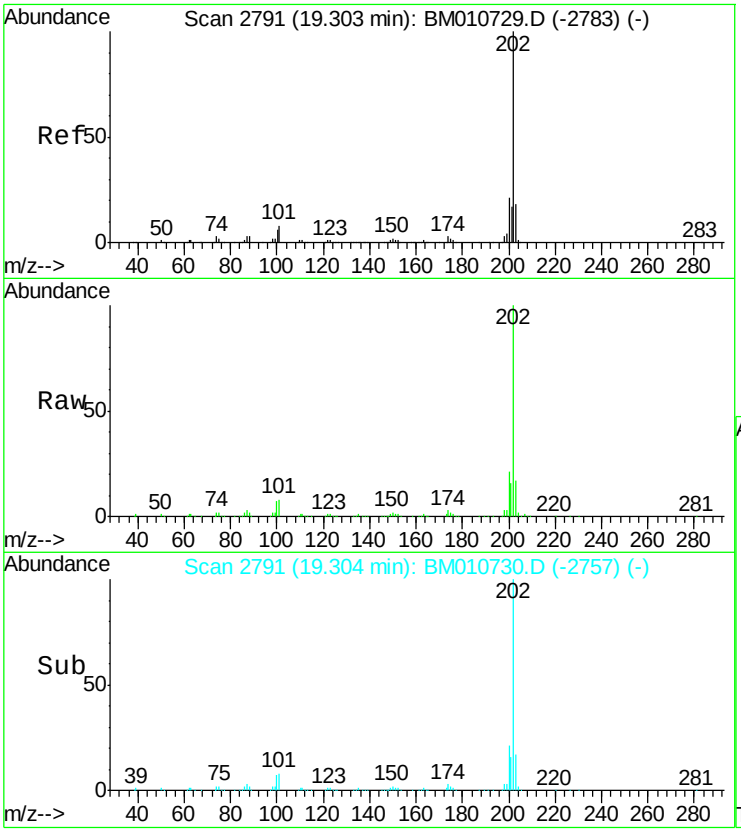


#74
Fluoranthene
Concen: 23.75 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:202 Resp: 767031

Ion	Ratio	Lower	Upper
202	100		
101	6.6	4.6	7.0
100	5.0	3.4	5.2



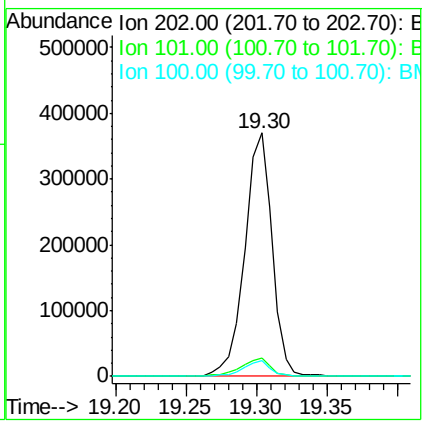


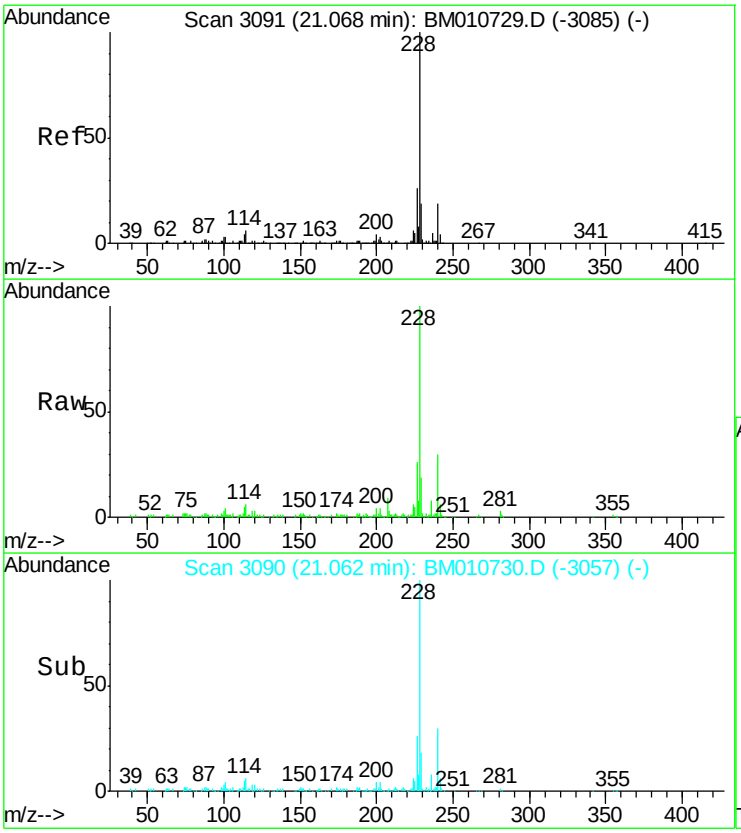
#77
Pyrene
Concen: 16.73 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:202 Resp: 504989

Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.1	7.7
100	6.6	4.9	7.3

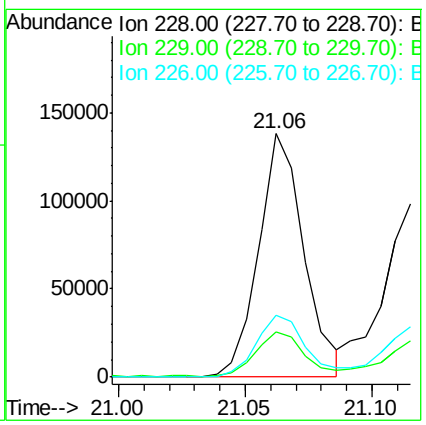


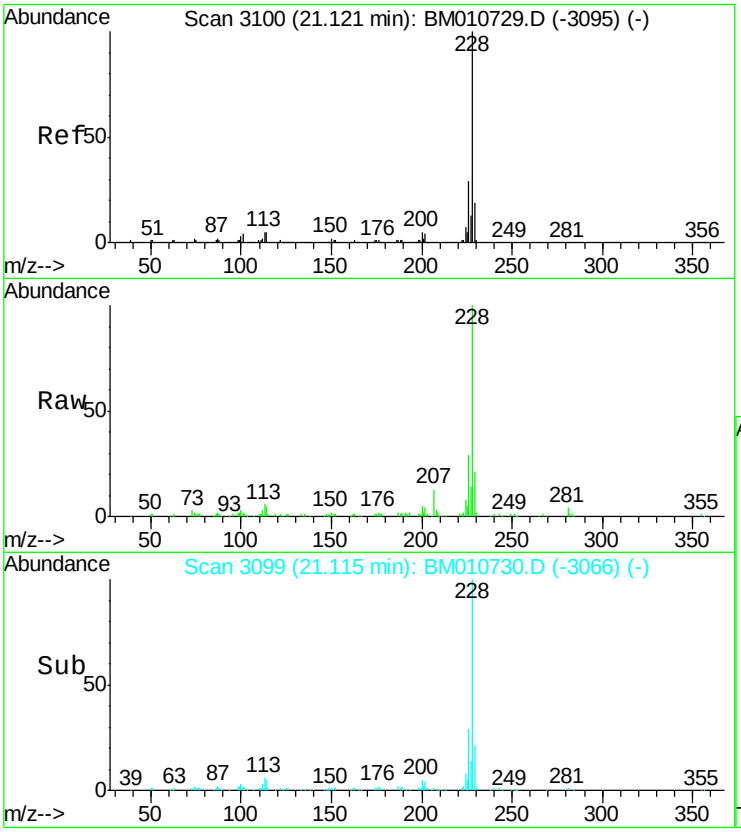


#80
Benzo(a)anthracene
Concen: 5.68 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:228 Resp: 172987

Ion	Ratio	Lower	Upper
228	100		
229	18.7	15.4	23.0
226	25.6	21.4	32.0



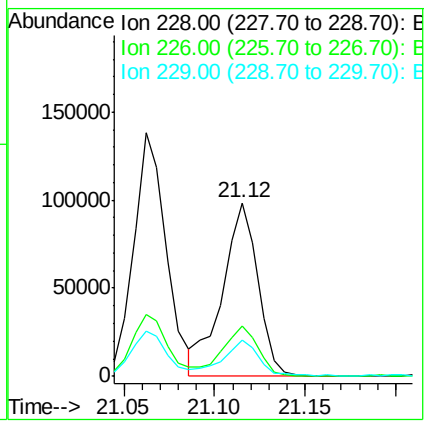


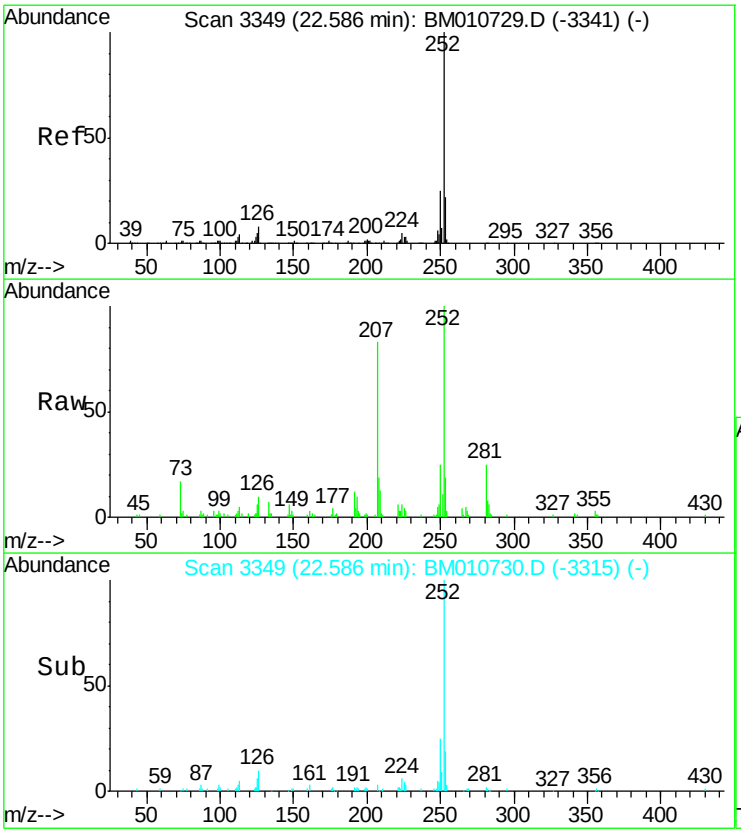
#82
Chrysene
Concen: 4.93 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:228 Resp: 133784

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	20.5	15.5	23.3

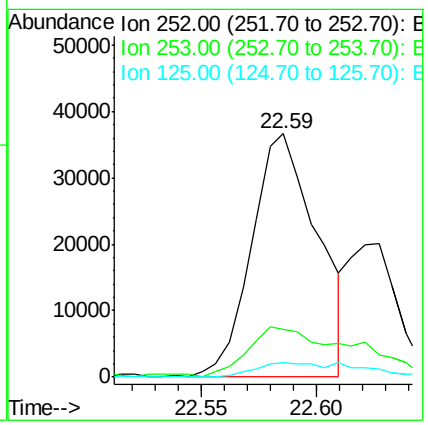


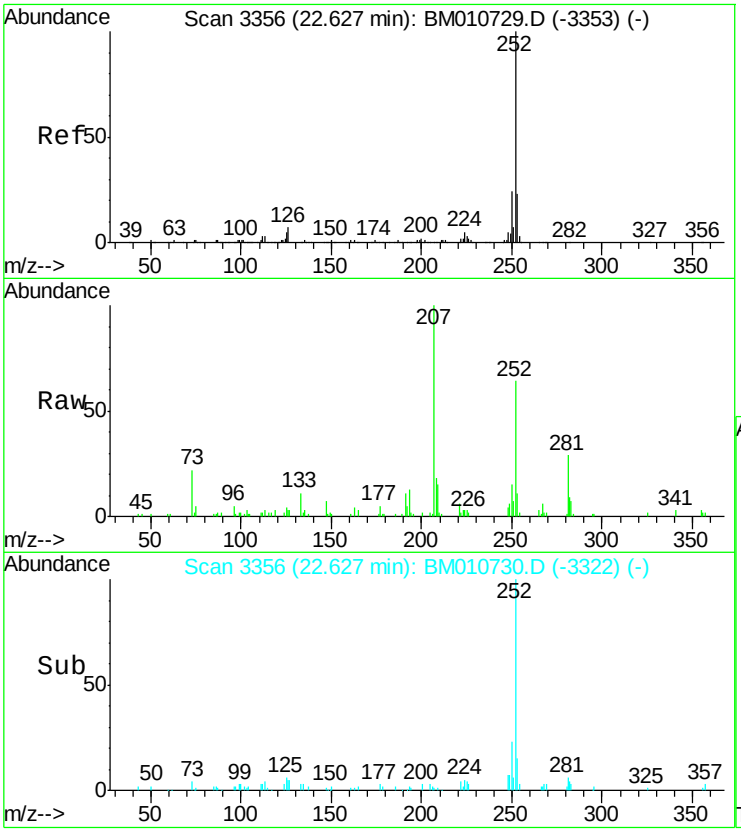


#85
Benzo(b)fluoranthene
Concen: 2.81 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:252 Resp: 72434

Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.9	26.9
125	5.9	3.6	5.4#



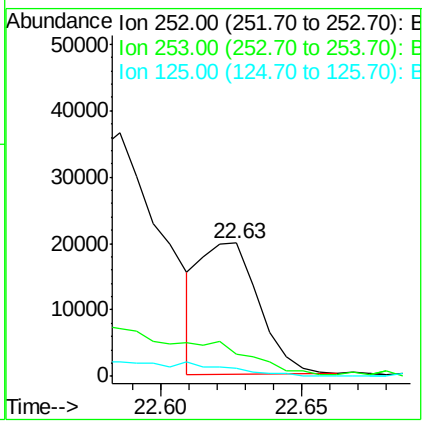


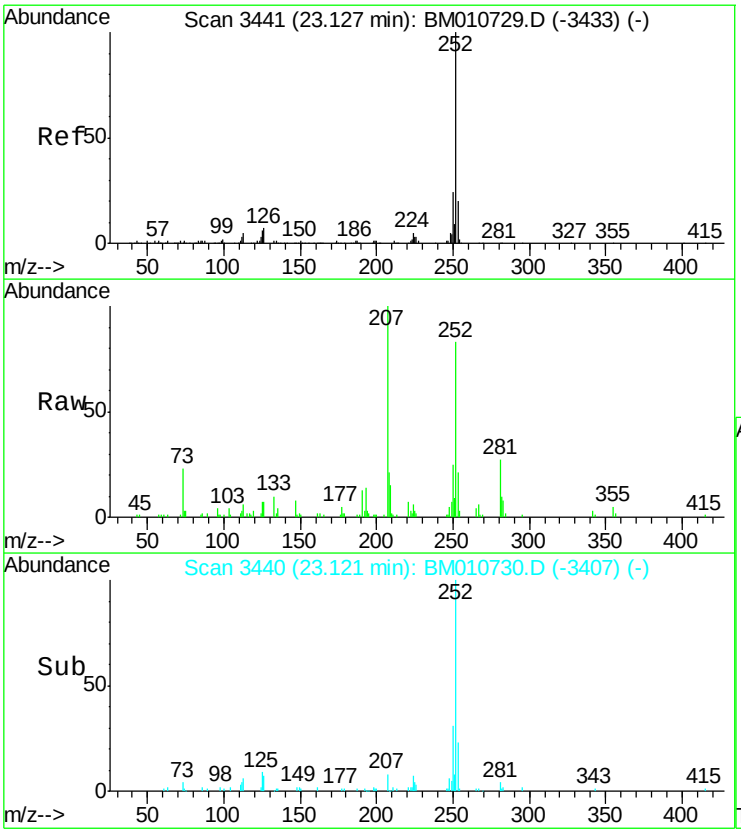
#86
Benzo(k)fluoranthene
Concen: 1.16 ng/ul
RT: 22.63 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Instrument :
BNA_M
ClientSampleId :
F5C83

Tgt Ion:252 Resp: 28282

Ion	Ratio	Lower	Upper
252	100		
253	16.9	17.1	25.7#
125	5.7	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 1.83 ng/ul
RT: 23.12 min Scan# 3440
Delta R.T. -0.01 min
Lab File: BM010730.D
Acq: 24 Jun 2017 15:15

Tgt Ion:252 Resp: 43517

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.2
125	8.6	4.0	6.0#