Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

Quant Time: Jun 26 04:56:27 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	66262	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	294202	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	204695	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	509195	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	643928	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	481758	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	216	0.19	ng/uL	0.00
5) Phenol-d5	6.65	99	12751	2.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	7067	1.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	9864	2.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	11140	2.13	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	5760	2.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	5918	2.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	12061	2.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	15452	2.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	48177	2.68	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	53413	2.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	5014	1.59	ng/ul	-0.01
57) Fluorene-d10	15.11	176	44883	2.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	5316	1.70	ng/ul	0.00
70) Anthracene-d10	16.96	188	72801	2.96	ng/ul	0.00
76) Pyrene-d10	19.27	212	90658	3.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	61601	2.65	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.27	128	1728476	118.06	ng/ul	99
30) 4-Chloroaniline	10.27	127	228257	42.31	ng/ul#	21
34) 2-Methylnaphthalene	11.89	142	368588	31.32	ng/ul	96
40) 1,1'-Biphenyl	12.93	154	100359	6.27	ng/ul#	96
47) Acenaphthylene	13.83	152	25632	1.29	ng/ul#	95
49) Acenaphthene	14.17	153	302273	22.51	ng/ul	97
53) Dibenzofuran	14.51	168	375174	18.45	ng/ul	93
58) Fluorene	15.17	166	372586	21.88	ng/ul	99
60) 4-Nitroaniline	15.17	138	5404	1.49	ng/ul#	1
69) Phenanthrene	16.91	178	1787255	66.02	ng/ul	99
71) Anthracene	17.00	178	258541	9.27	ng/ul	99
72) Carbazole	17.27	167	127352	5.23	ng/ul	98
74) Fluoranthene	18.94	202	1160512	33.26	ng/ul	98
77) Pyrene	19.30	202	776420	20.88	ng/ul	98
80) Benzo(a)anthracene	21.06	228	245497	6.55	ng/ul	96
82) Chrysene	21.12	228	180792	5.41	ng/ul	95
85) Benzo(b)fluoranthene	22.59	252	108884	3.48	ng/ul	95
86) Benzo(k)fluoranthene	22.59	252	108884	3.67	ng/ul	93
88) Benzo(a)pyrene	23.12	252	64168	2.23	ng/ul	94

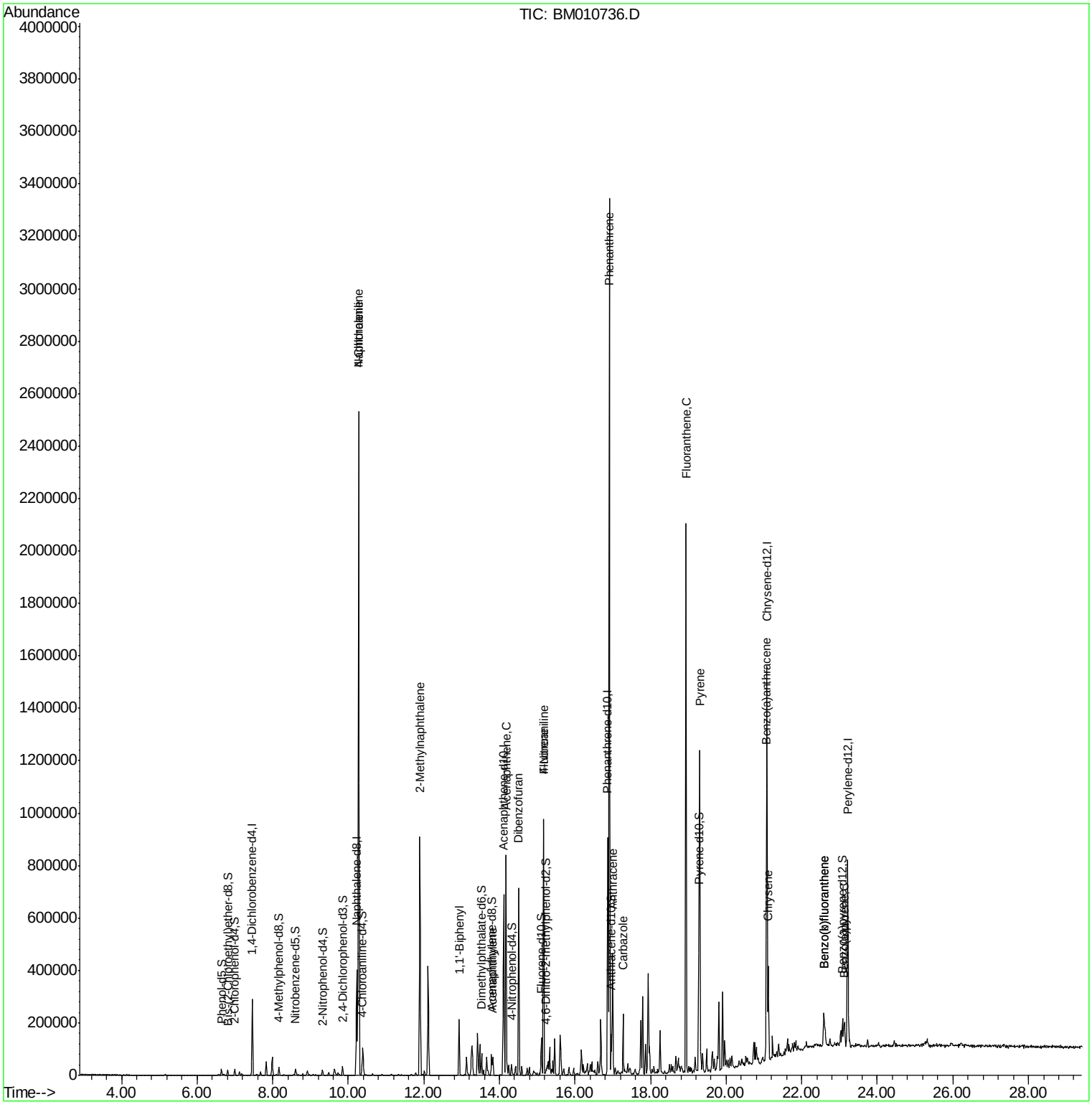
(#) = qualifier out of range (m) = manual integration (+) = signals summed

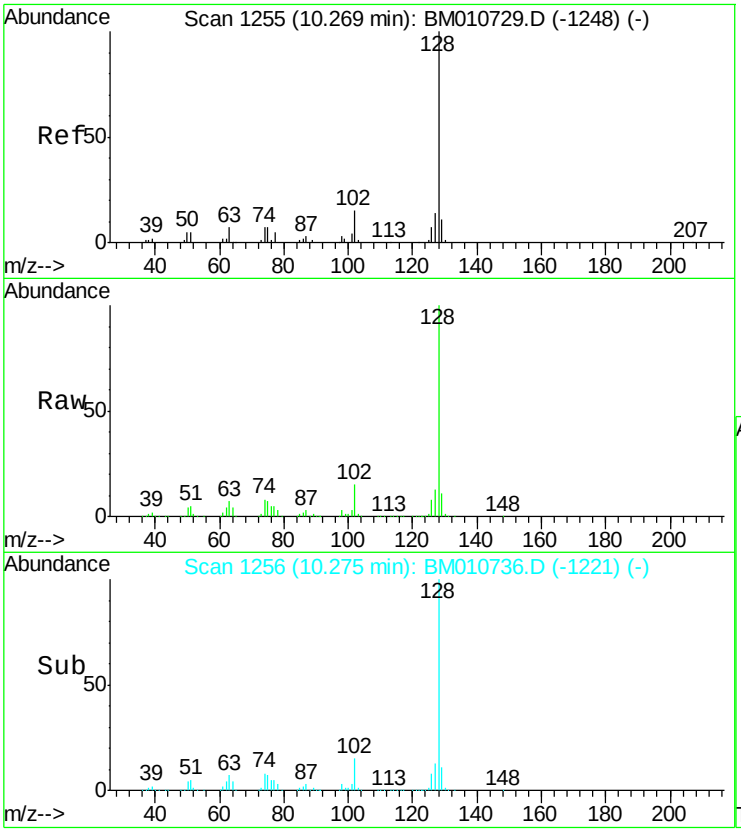
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010736.D
Acq On : 24 Jun 2017 18:51
Operator : SJ/JU
Sample : I3599-11ME 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B25ME

Quant Time: Jun 26 04:56:27 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



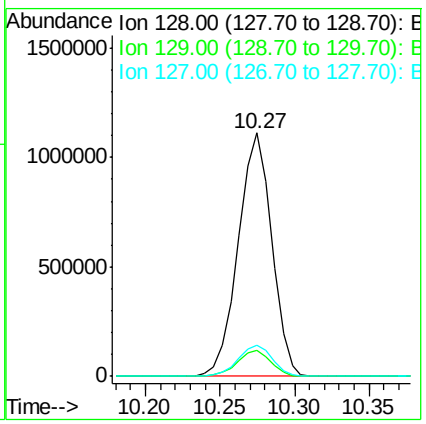


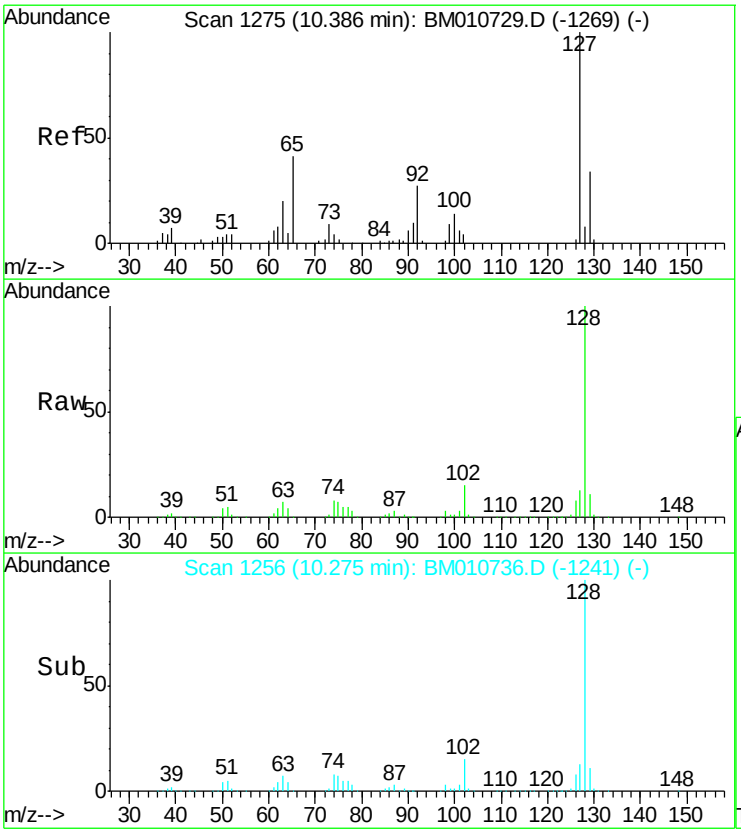
#28
Naphthalene
Concen: 118.06 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:128 Resp: 1728476

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.0	10.6	16.0

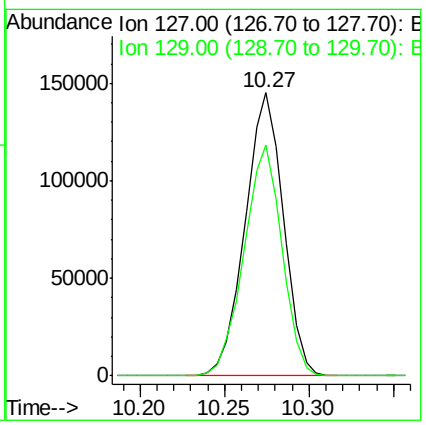


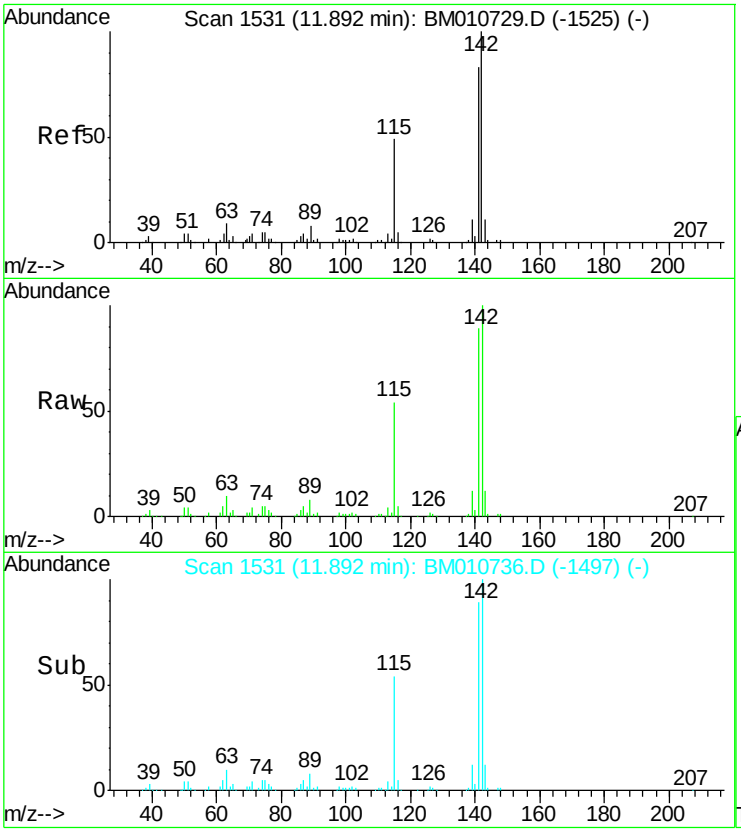


#30
4-Chloroaniline
Concen: 42.31 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.11 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Tgt Ion:127 Resp: 228257

Ion	Ratio	Lower	Upper
127	100		
129	81.5	28.4	42.6#



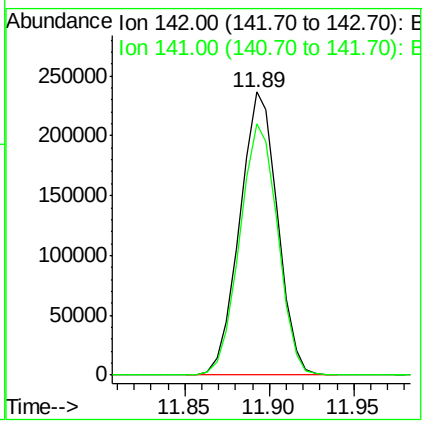


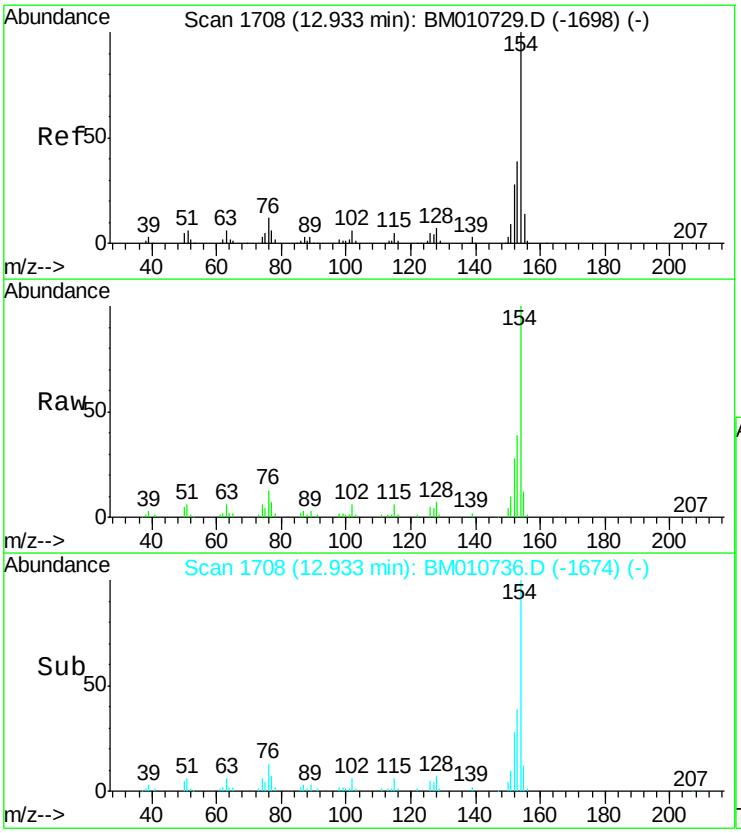
#34
2-Methylnaphthalene
Concen: 31.32 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:142 Resp: 368588

Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.1	111.1

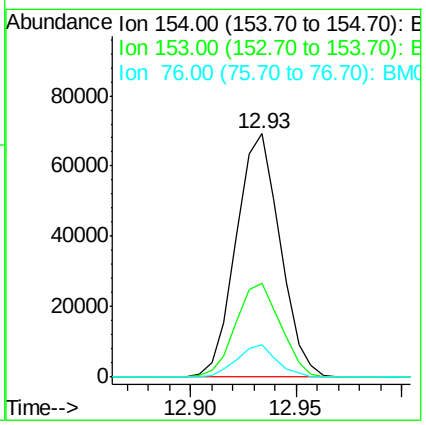


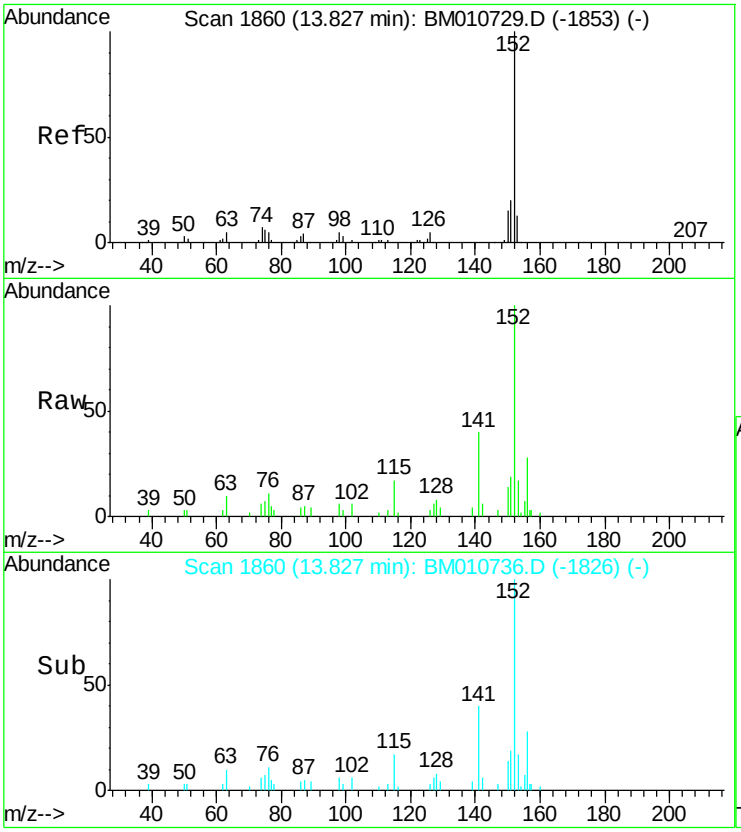


#40
1,1'-Biphenyl
Concen: 6.27 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Tgt Ion:154 Resp: 100359

Ion	Ratio	Lower	Upper
154	100		
153	38.6	32.6	48.8
76	13.2	8.5	12.7#



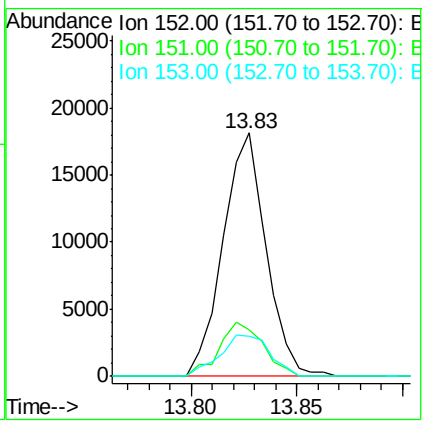


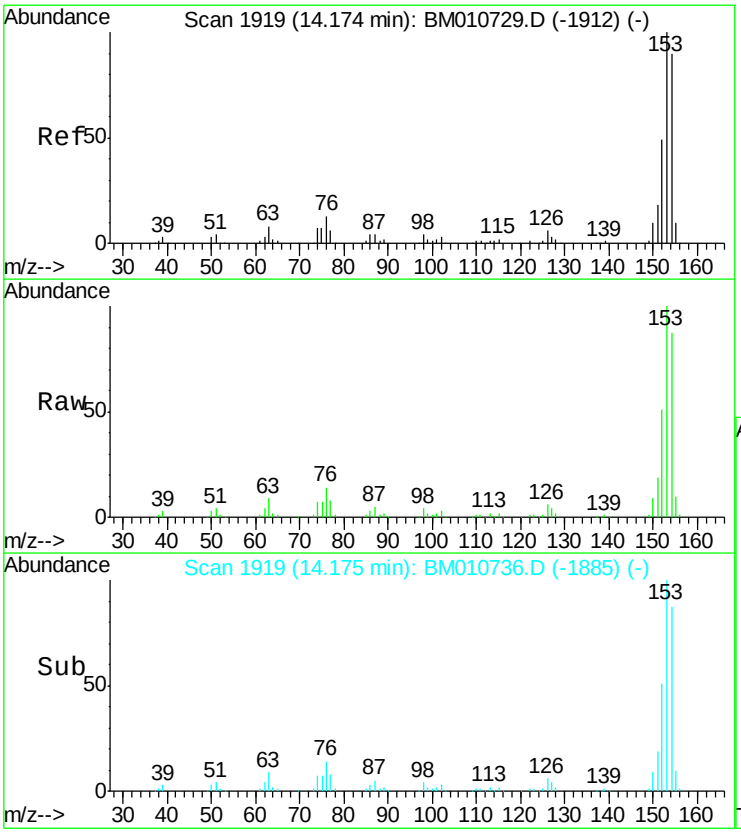
#47
Acenaphthylene
Concen: 1.29 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:152 Resp: 25632

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	16.6	10.2	15.4#

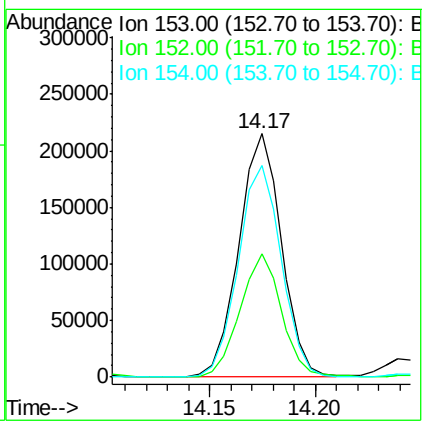


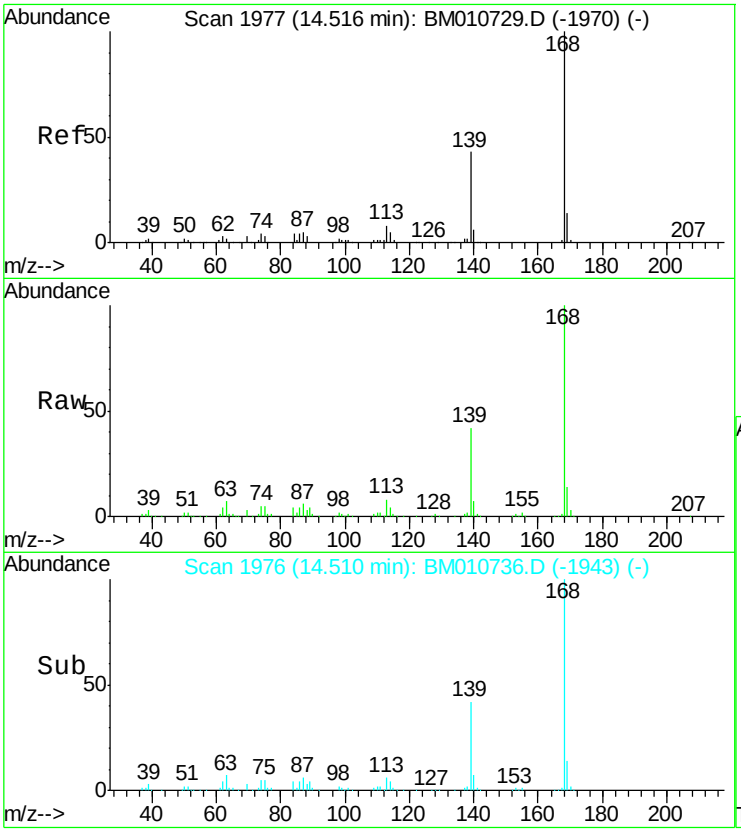


#49
Acenaphthene
Concen: 22.51 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Tgt Ion:153 Resp: 302273

Ion	Ratio	Lower	Upper
153	100		
152	50.6	37.6	56.4
154	87.0	70.4	105.6



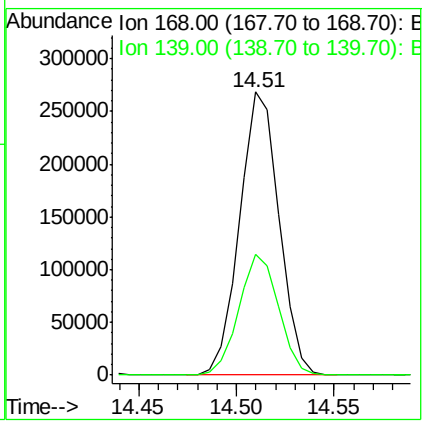


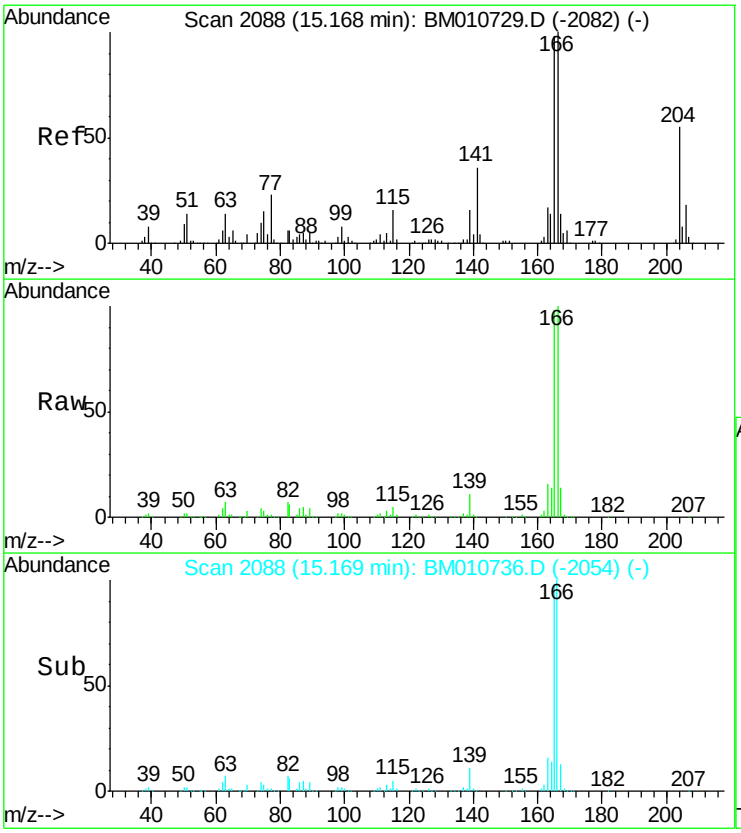
#53
Dibenzofuran
Concen: 18.45 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:168 Resp: 375174

Ion	Ratio	Lower	Upper
168	100		
139	42.5	30.8	46.2

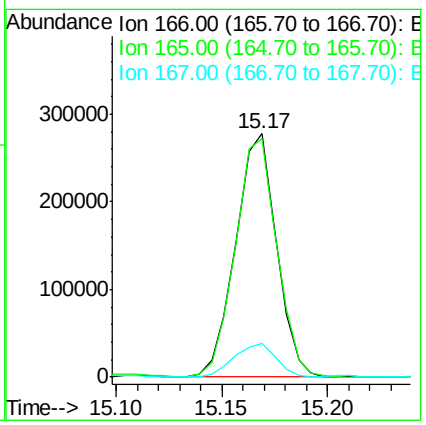


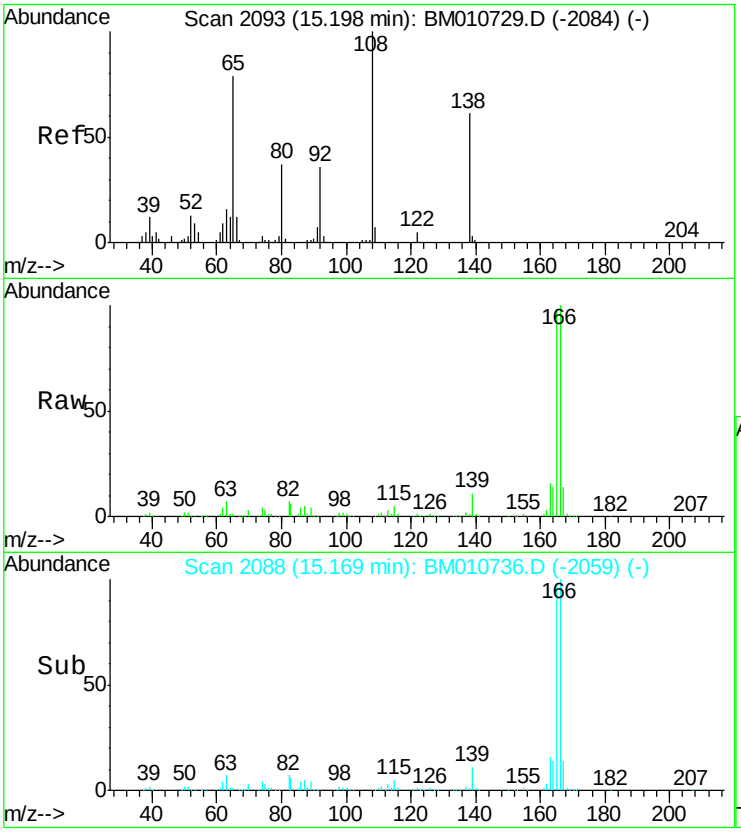


#58
Fluorene
Concen: 21.88 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Tgt Ion:166 Resp: 372586

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	13.7	10.6	16.0



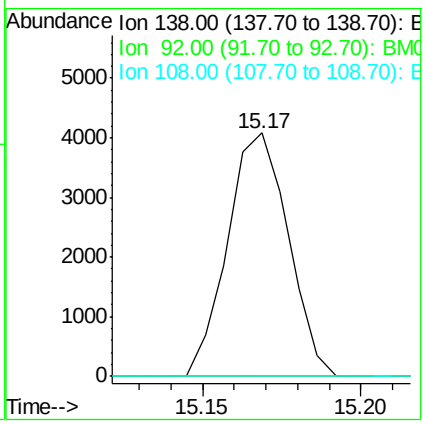


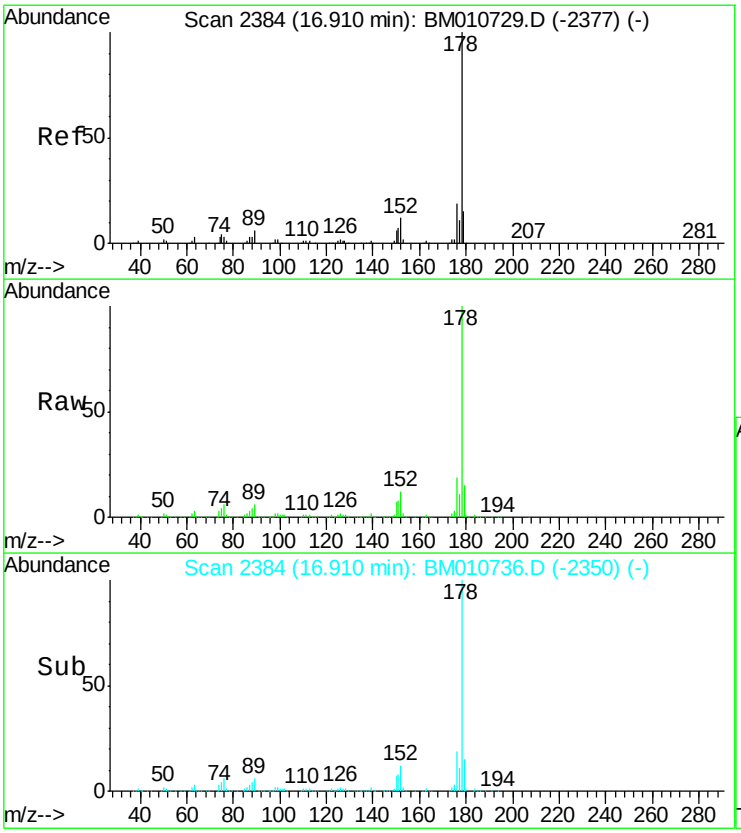
#60
4-Nitroaniline
Concen: 1.49 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.03 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:138 Resp: 5404

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

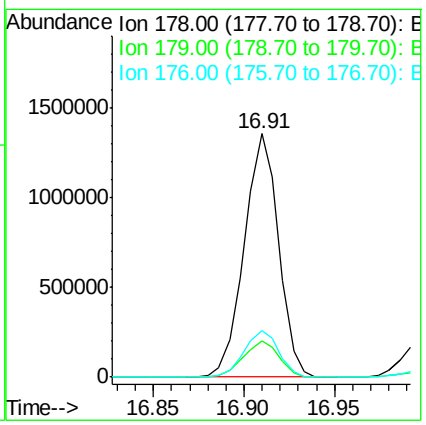


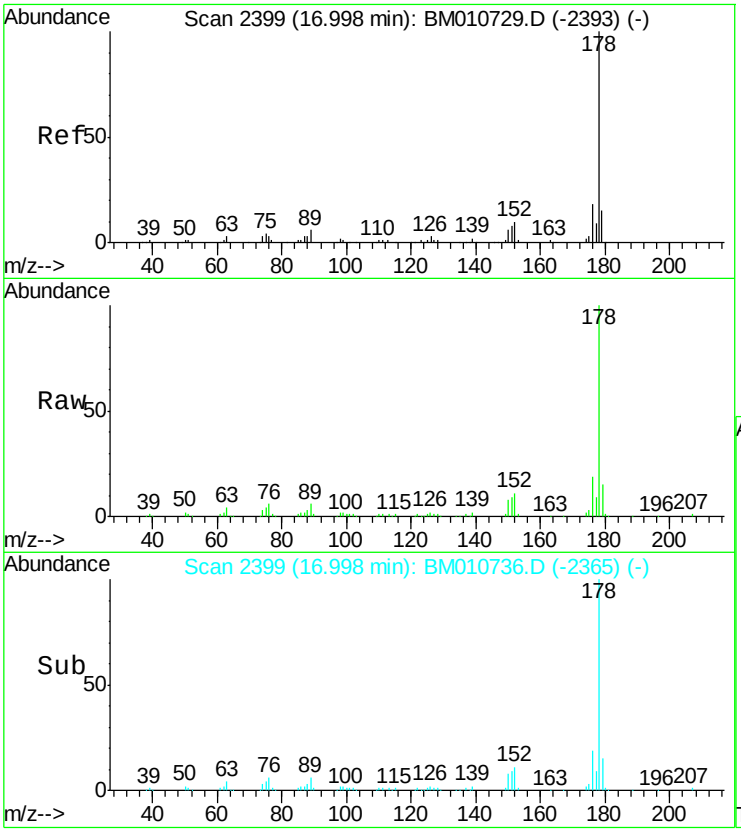


#69
Phenanthrene
Concen: 66.02 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Tgt Ion:178 Resp: 1787255

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.9	14.9	22.3



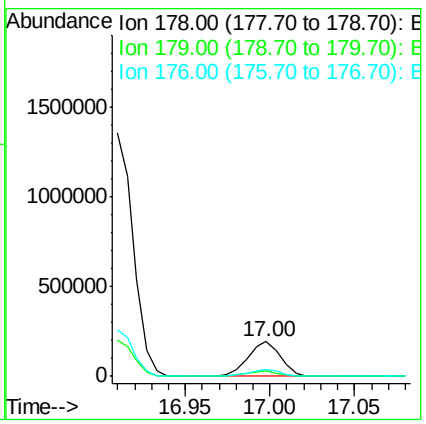


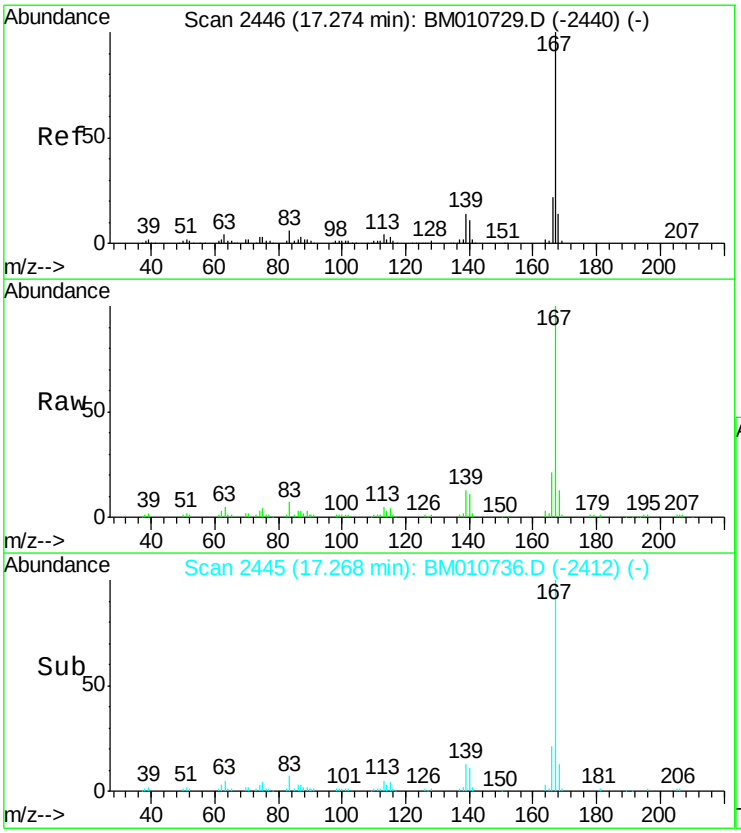
#71
Anthracene
Concen: 9.27 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:178 Resp: 258541

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	18.6	14.6	21.8

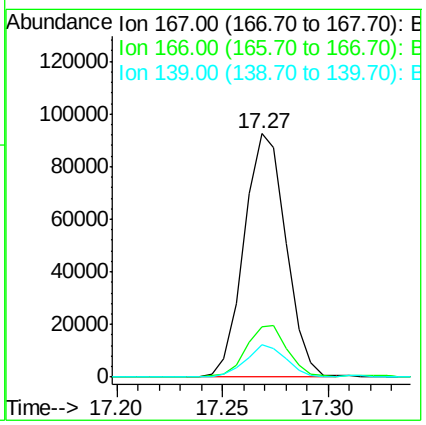


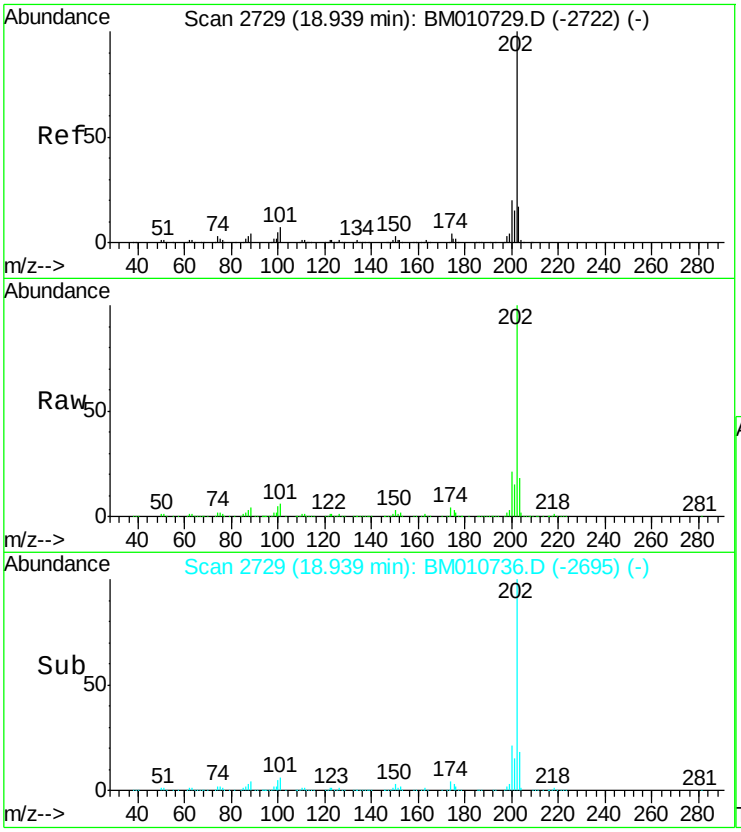


#72
Carbazole
Concen: 5.23 ng/ul
RT: 17.27 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Tgt Ion:167 Resp: 127352

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.1	25.7
139	13.1	10.0	15.0



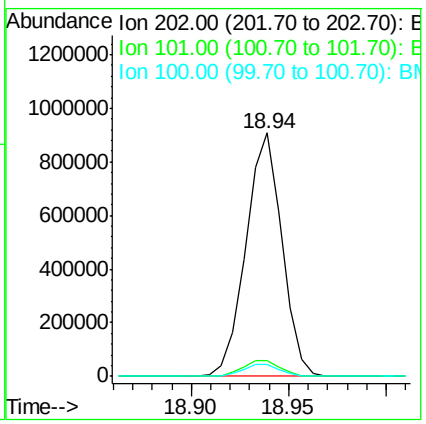


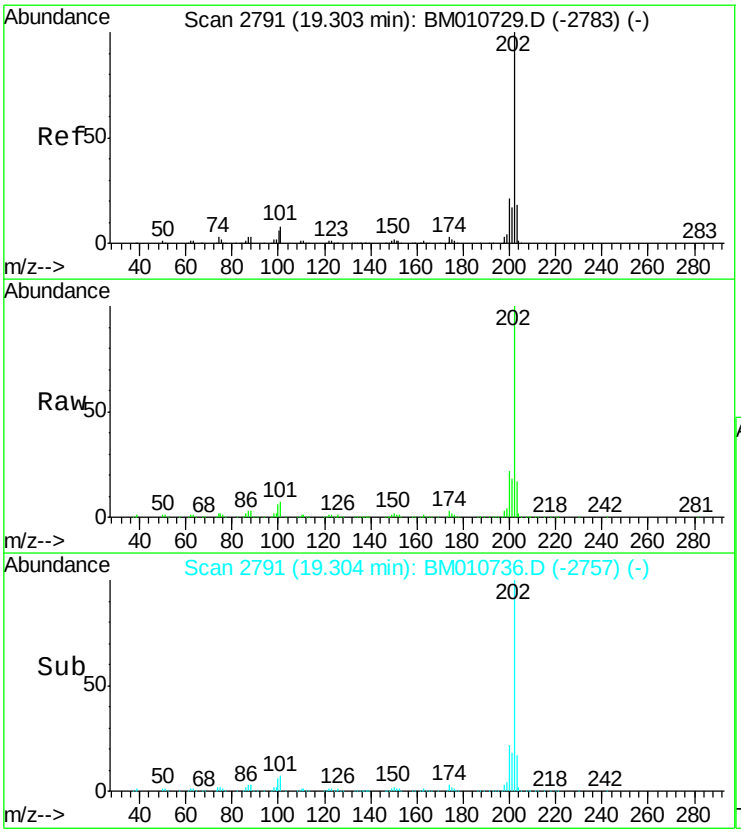
#74
Fluoranthene
Concen: 33.26 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:202 Resp: 1160512

Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	5.0	3.4	5.2

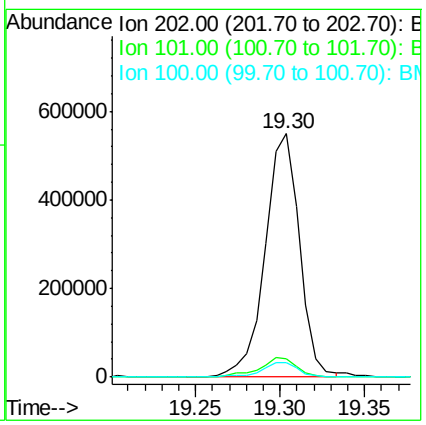


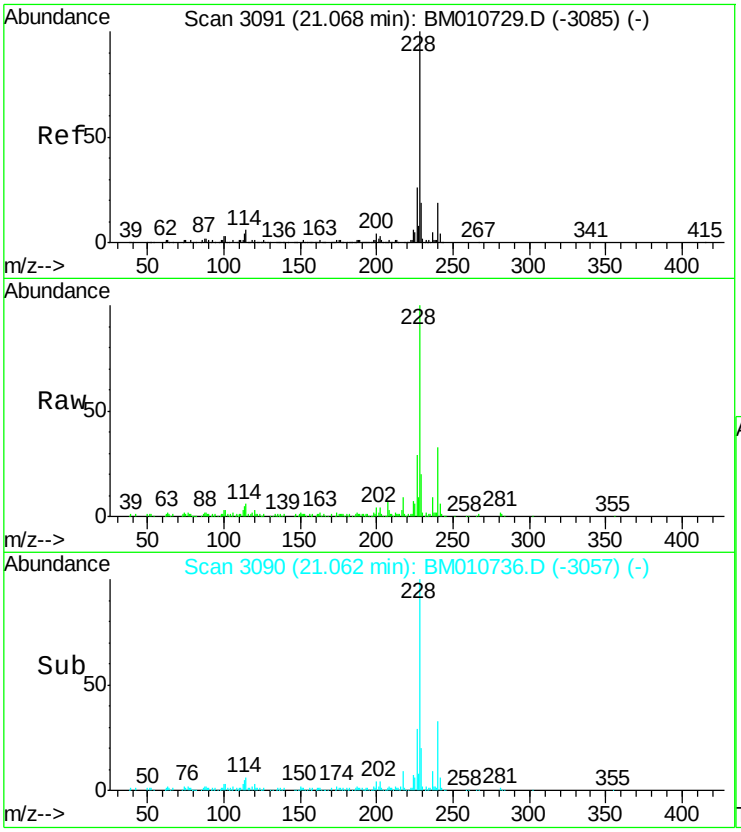


#77
Pyrene
Concen: 20.88 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Tgt Ion:202 Resp: 776420

Ion	Ratio	Lower	Upper
202	100		
101	7.4	5.1	7.7
100	5.9	4.9	7.3



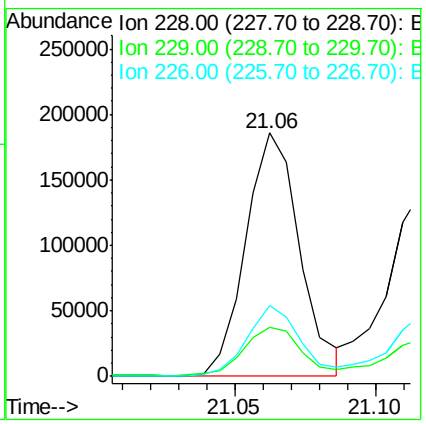


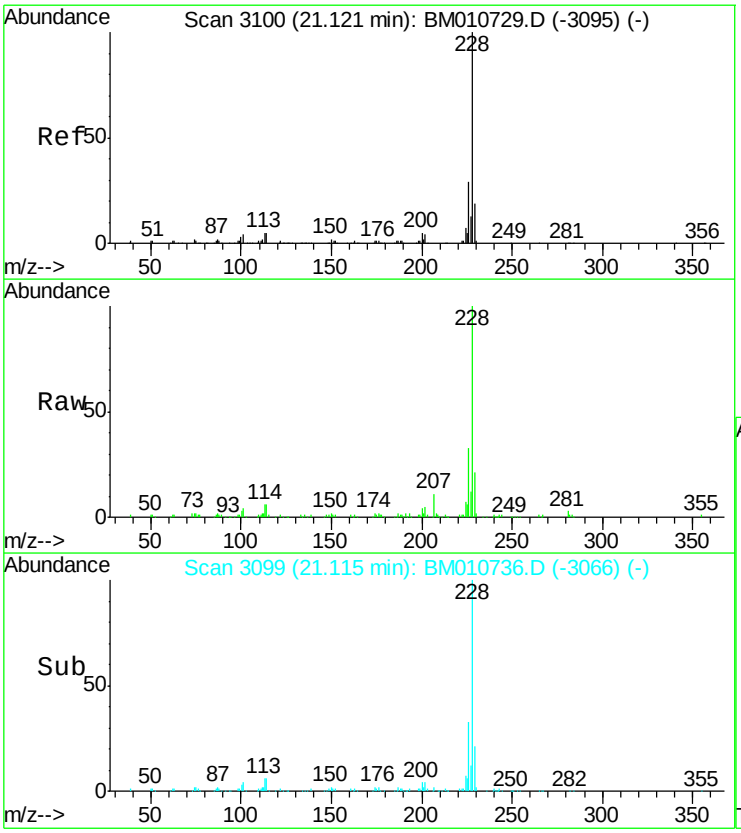
#80
Benzo(a)anthracene
Concen: 6.55 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:228 Resp: 245497

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	29.1	21.4	32.0

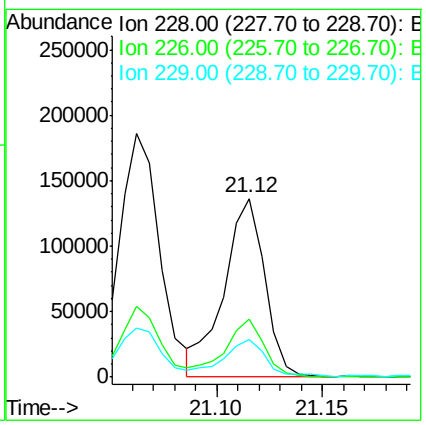


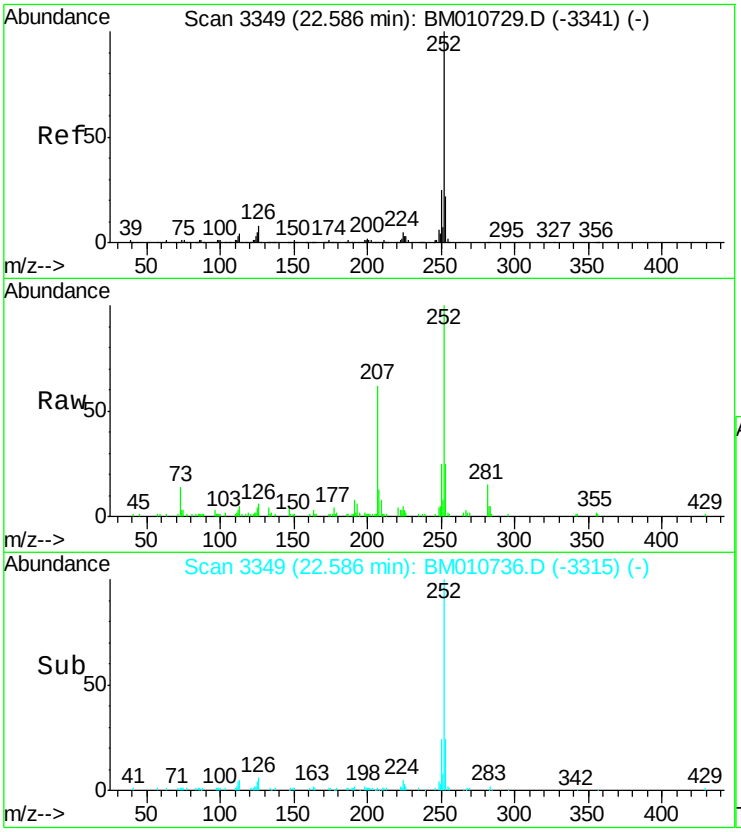


#82
Chrysene
Concen: 5.41 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Tgt Ion:228 Resp: 180792

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.2
229	20.7	15.5	23.3



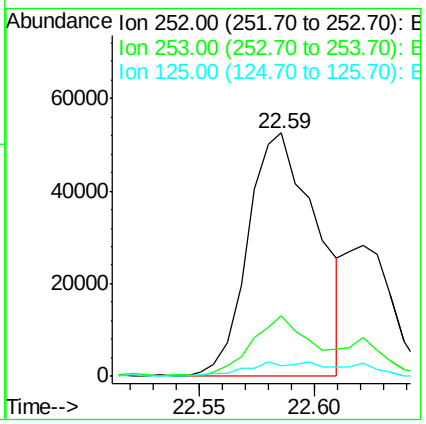


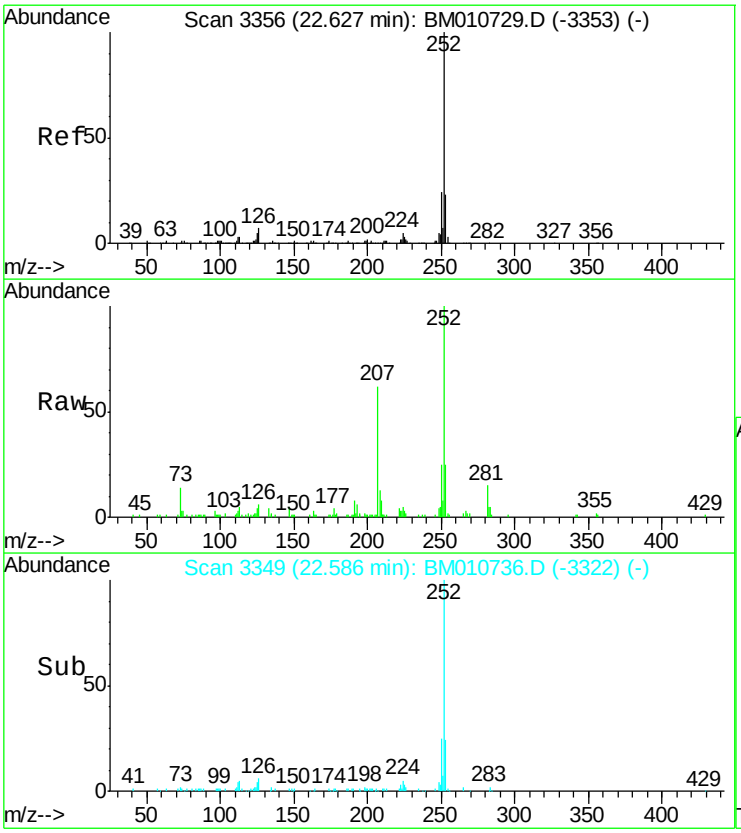
#85
Benzo(b)fluoranthene
Concen: 3.48 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:252 Resp: 108884

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	4.3	3.6	5.4

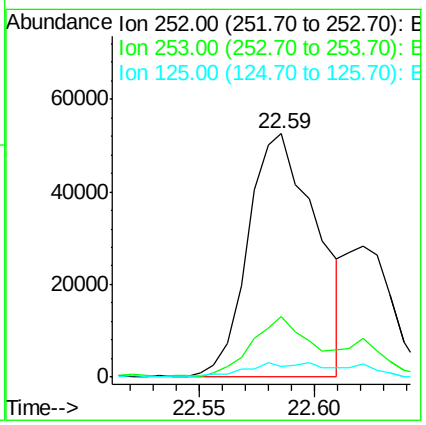


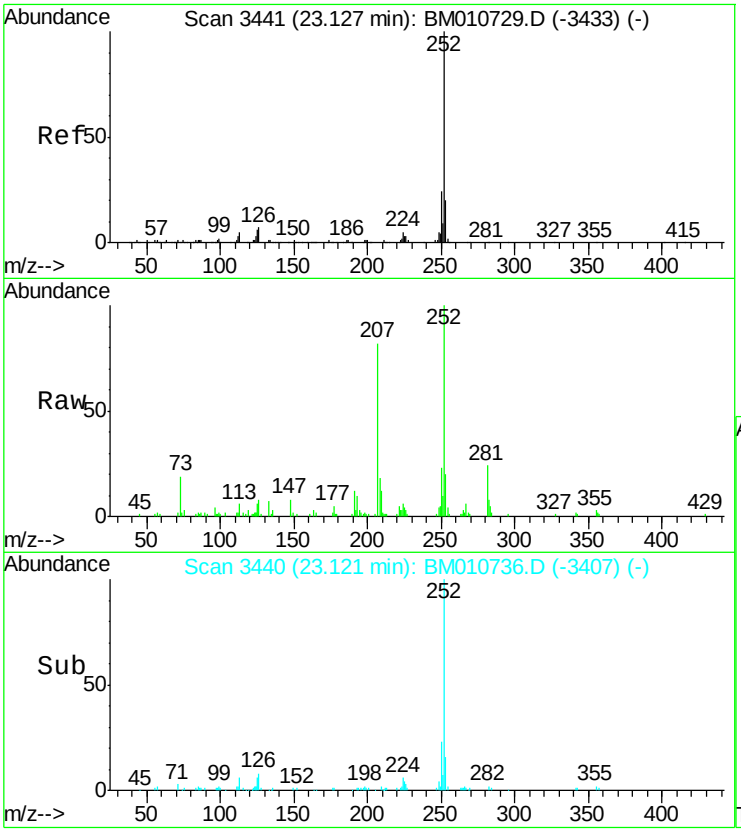


#86
Benzo(k)fluoranthene
Concen: 3.67 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Tgt Ion:252 Resp: 108884

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.1	25.7
125	4.3	3.4	5.2





#88
Benzo(a)pyrene
Concen: 2.23 ng/ul
RT: 23.12 min Scan# 3440
Delta R.T. -0.01 min
Lab File: BM010736.D
Acq: 24 Jun 2017 18:51

Instrument :
BNA_M
ClientSampleId :
F5B25ME

Tgt Ion:252 Resp: 64168

Ion	Ratio	Lower	Upper
252	100		
253	19.5	18.2	27.2
125	5.7	4.0	6.0