Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5B20ME

Quant Time: Jun 26 01:53:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	73471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	329293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	229485	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	593654	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	713384	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	532446	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	503	0.39	ng/uL	0.00
5) Phenol-d5	6.65	99	25422	3.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	14526	3.64	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	18958	3.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	22028	3.80	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	9978	4.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	12461	4.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	24045	4.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	30594	5.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	86743	4.31	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	96557	4.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	11932	3.37	ng/ul	0.00
57) Fluorene-d10	15.11	176	77866	4.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	12141	3.33	ng/ul	0.00
70) Anthracene-d10	16.87	188	593654	20.71	ng/ul	-0.09
76) Pyrene-d10	19.27	212	159072	4.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	118247	4.59	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.27	128	2075326	126.64	ng/ul	100
30) 4-Chloroaniline	10.27	127	280989	46.53	ng/ul#	22
34) 2-Methylnaphthalene	11.89	142	448811	34.07	ng/ul	96
40) 1,1'-Biphenyl	12.93	154	116670	6.50	ng/ul	99
44) Dimethylphthalate	13.57	163	66424	3.36	ng/ul	98
47) Acenaphthylene	13.83	152	26346	1.18	ng/ul#	94
49) Acenaphthene	14.17	153	343137	22.79	ng/ul	97
53) Dibenzofuran	14.52	168	432154	18.95	ng/ul	91
58) Fluorene	15.17	166	430469	22.55	ng/ul	100
60) 4-Nitroaniline	15.16	138	6843	1.68	ng/ul#	1
69) Phenanthrene	16.91	178	1967250	62.33	ng/ul	99
71) Anthracene	17.00	178	456817	14.05	ng/ul	96
72) Carbazole	17.27	167	269630	9.50	ng/ul	96
74) Fluoranthene	18.94	202	1223581	30.08	ng/ul	98
77) Pyrene	19.30	202	797851	19.36	ng/ul	98
80) Benzo(a)anthracene	21.06	228	251210	6.05	ng/ul	99
82) Chrysene	21.06	228	251210	6.78	ng/ul	97
85) Benzo(b)fluoranthene	22.62	252	45250	1.31	ng/ul	95
86) Benzo(k)fluoranthene	22.62	252	45250	1.38	ng/ul#	97
88) Benzo(a)pyrene	23.12	252	64770	2.04	ng/ul	99

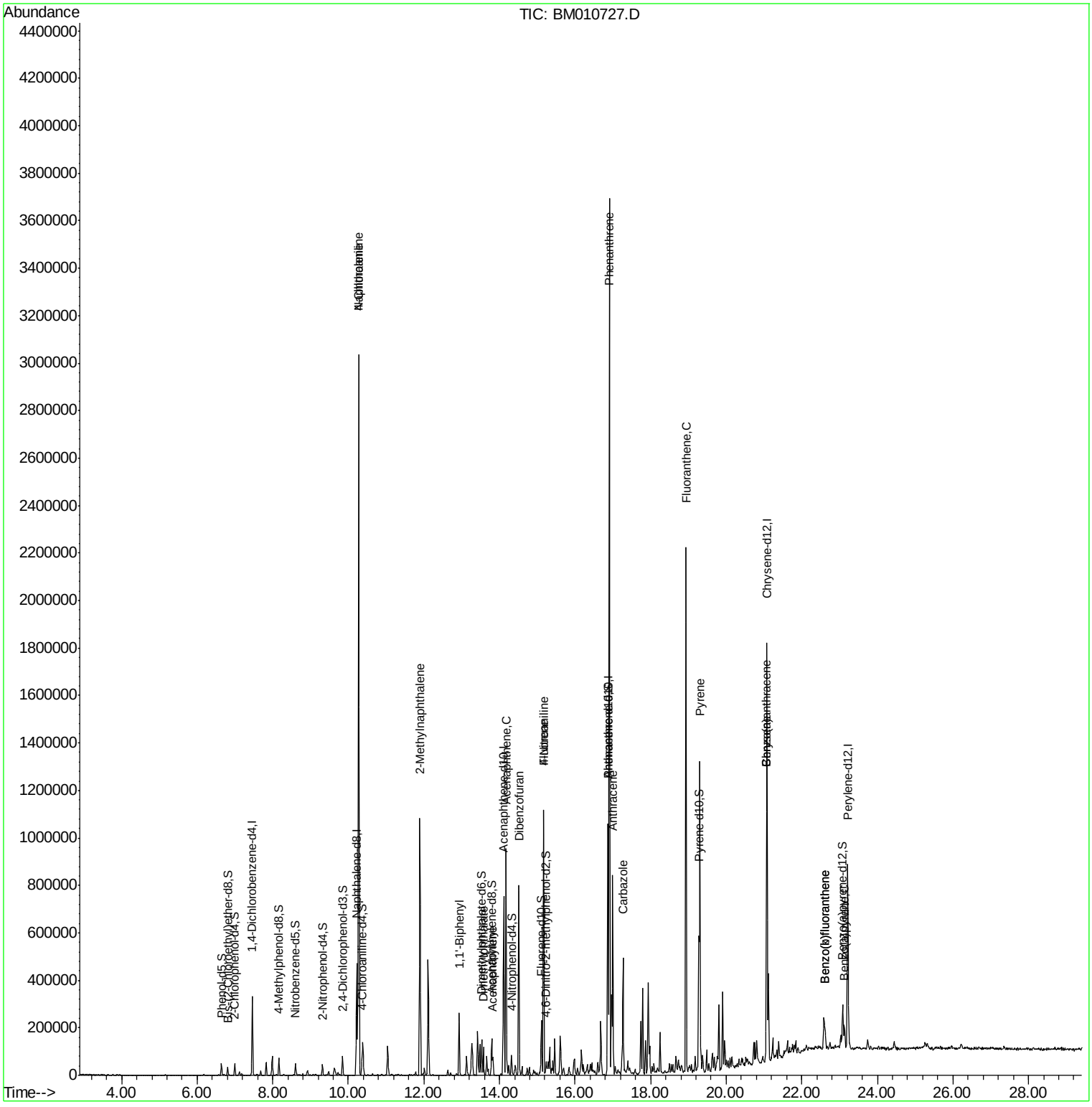
(#) = qualifier out of range (m) = manual integration (+) = signals summed

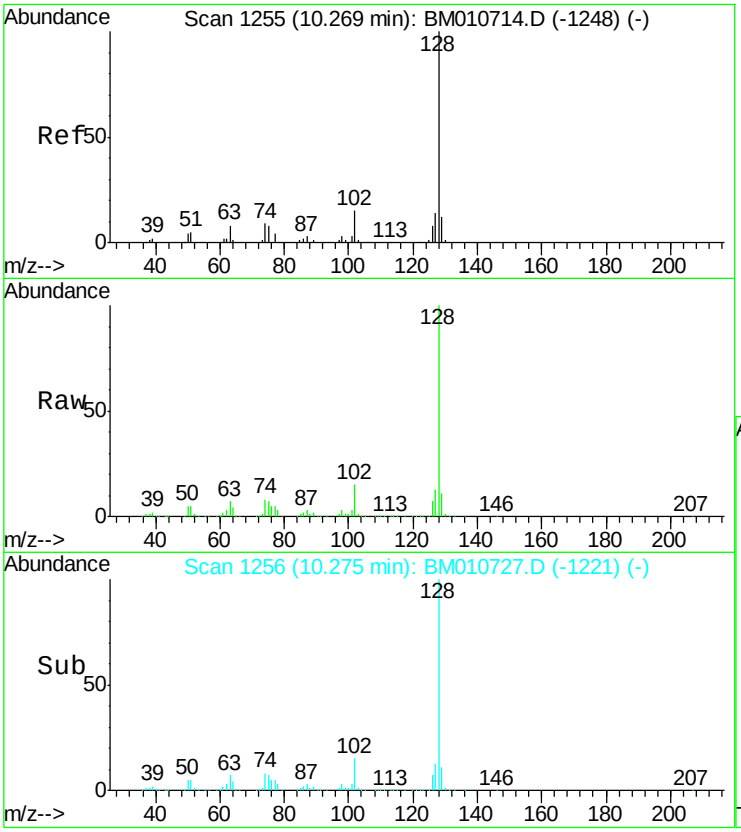
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010727.D
Acq On : 24 Jun 2017 13:26
Operator : SJ/JU
Sample : I3653-03ME 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Quant Time: Jun 26 01:53:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration



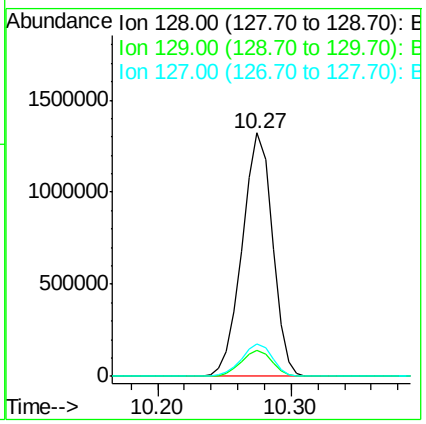


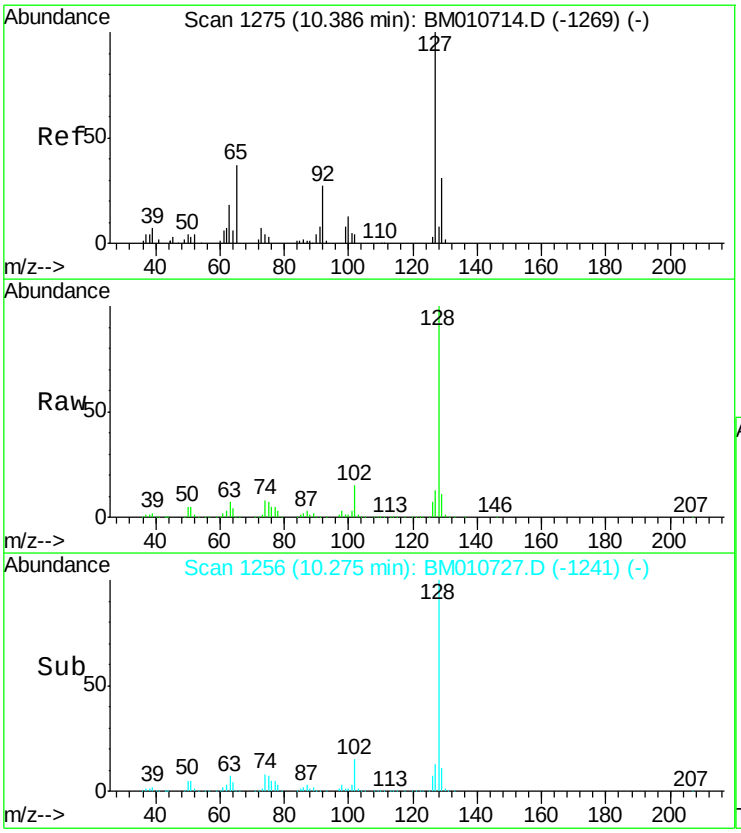
#28
Naphthalene
Concen: 126.64 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:128 Resp: 2075326

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.3	10.6	16.0

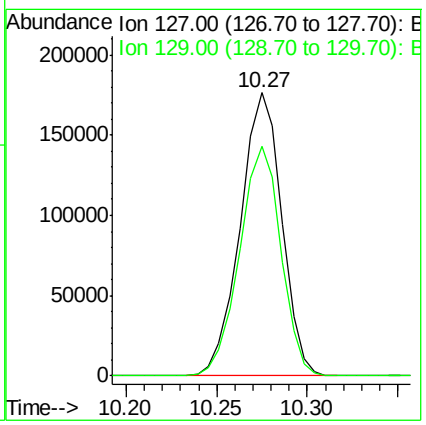


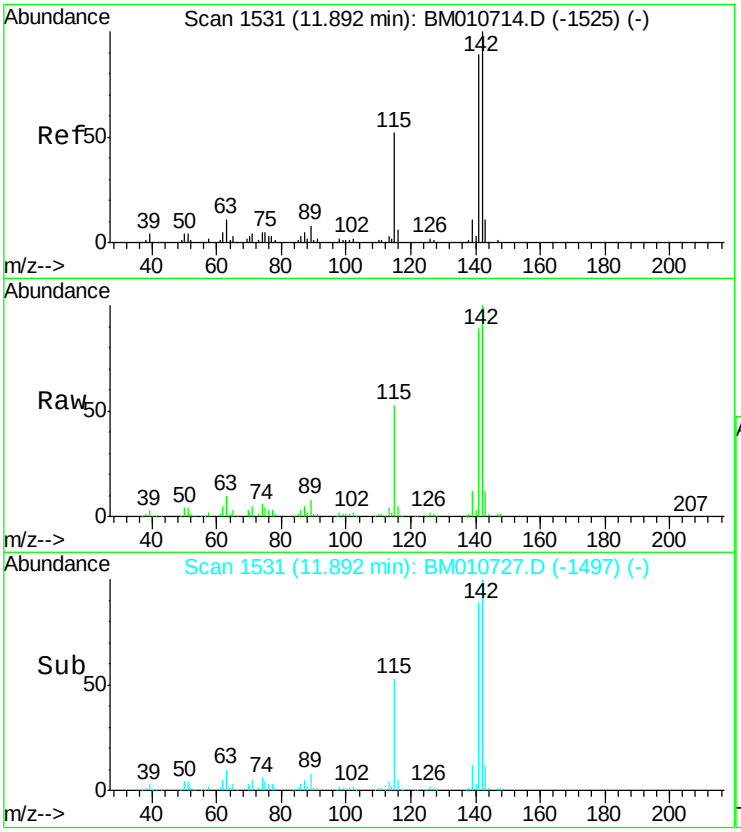


#30
4-Chloroaniline
Concen: 46.53 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.11 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:127 Resp: 280989

Ion	Ratio	Lower	Upper
127	100		
129	81.2	28.4	42.6#



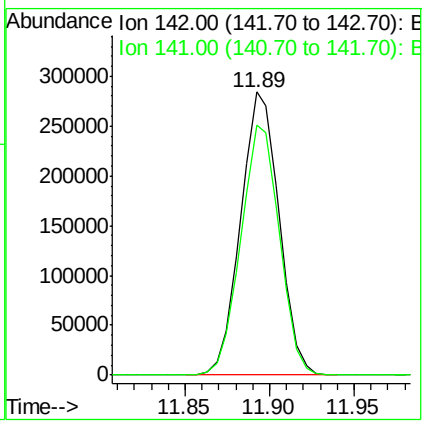


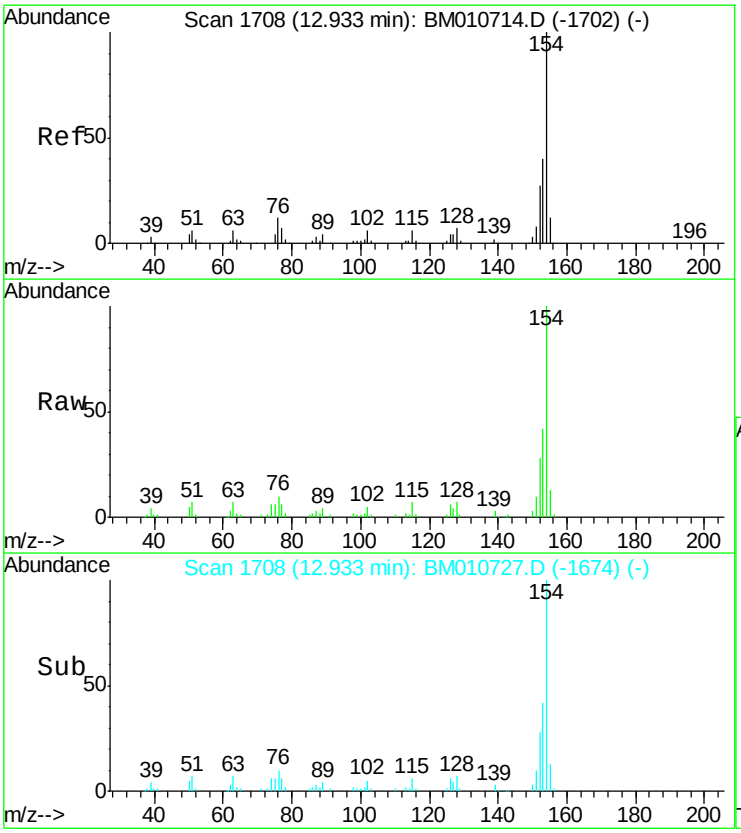
#34
2-Methylnaphthalene
Concen: 34.07 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:142 Resp: 448811

Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.1	111.1

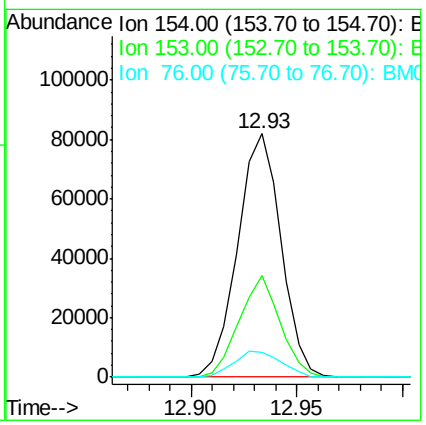


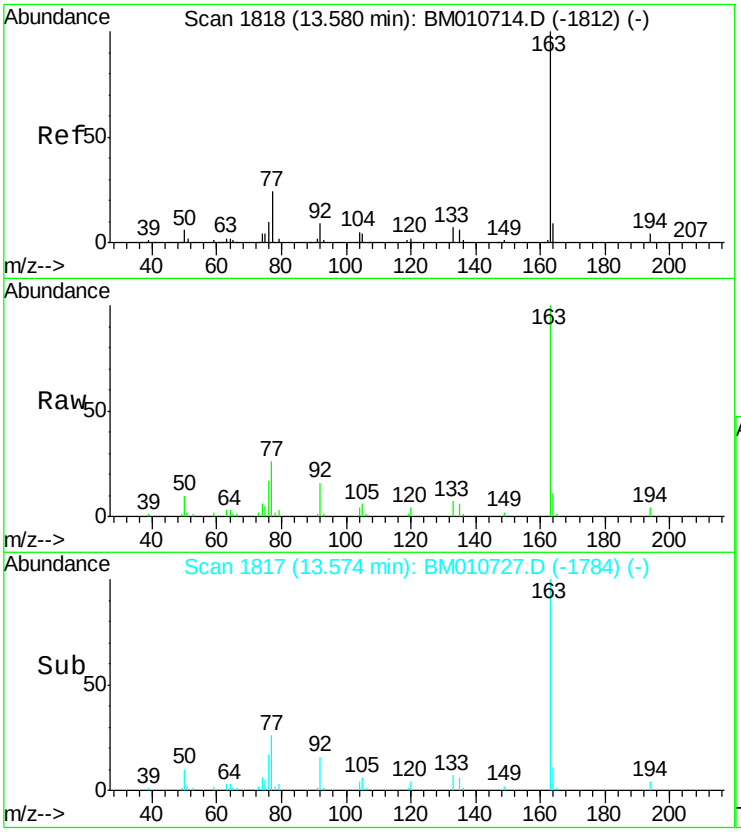


#40
1,1'-Biphenyl
Concen: 6.50 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:154 Resp: 116670

Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.6	48.8
76	10.3	8.5	12.7



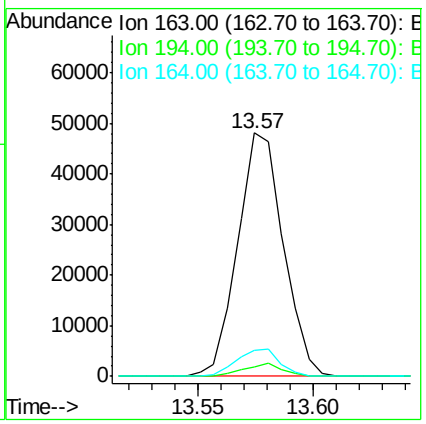


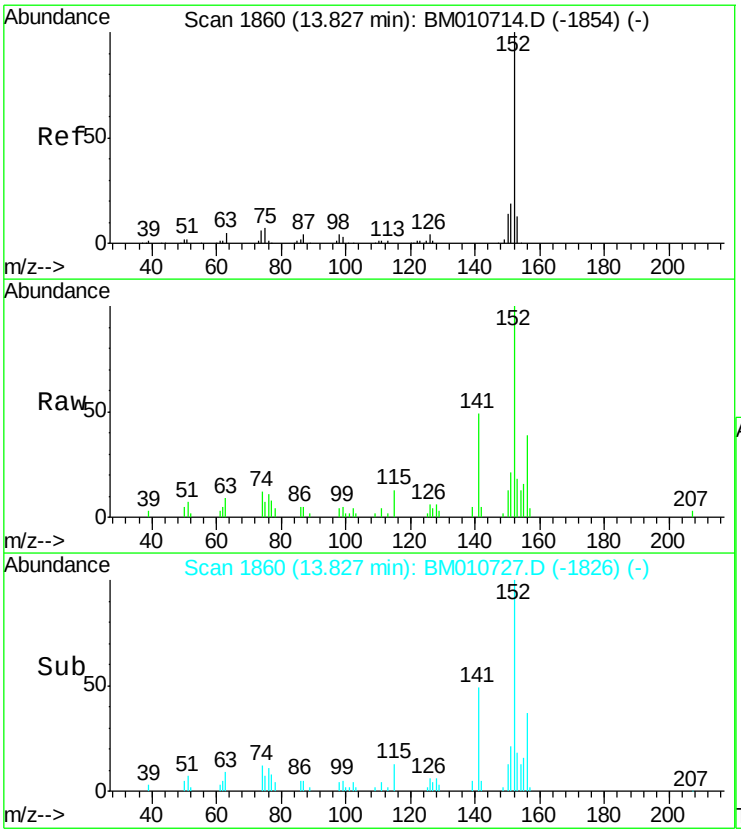
#44
Dimethylphthalate
Concen: 3.36 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:163 Resp: 66424

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.9	8.2	12.4

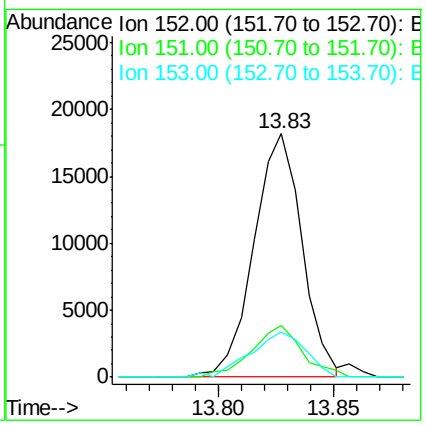


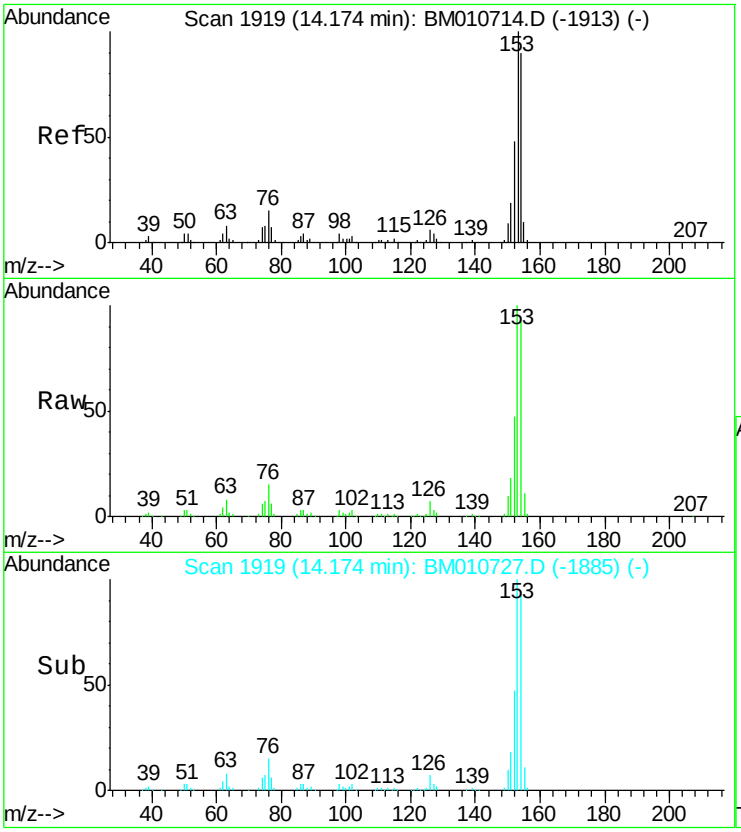


#47
Acenaphthylene
Concen: 1.18 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:152 Resp: 26346

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	18.3	10.2	15.4#



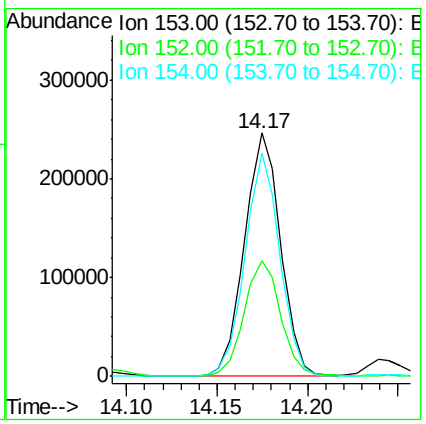


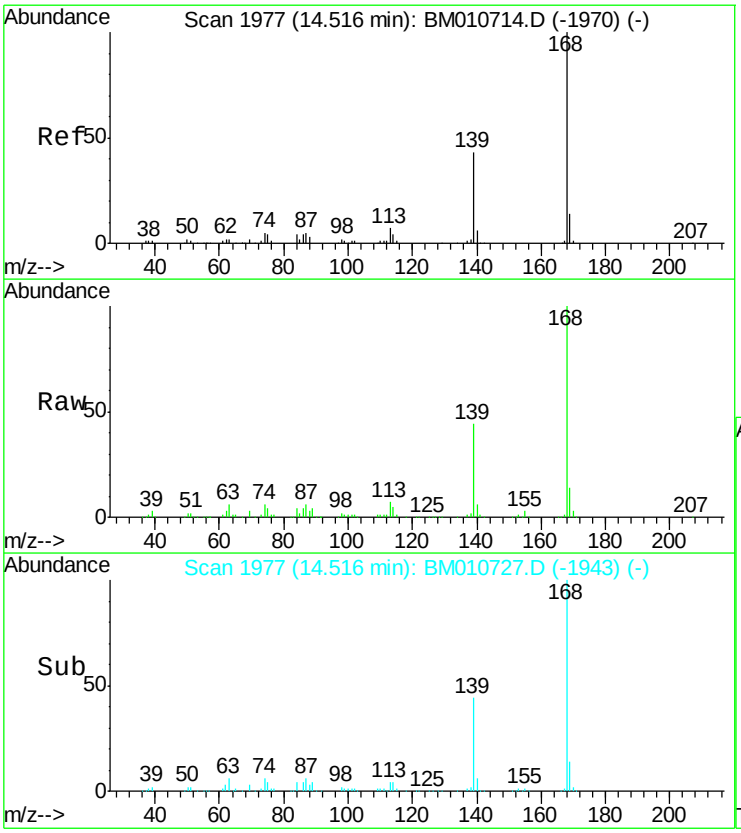
#49
Acenaphthene
Concen: 22.79 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:153 Resp: 343137

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.6	56.4
154	91.7	70.4	105.6

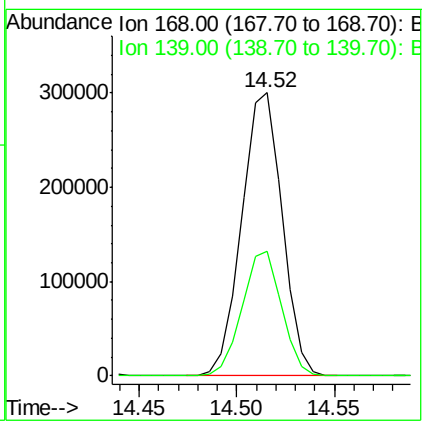


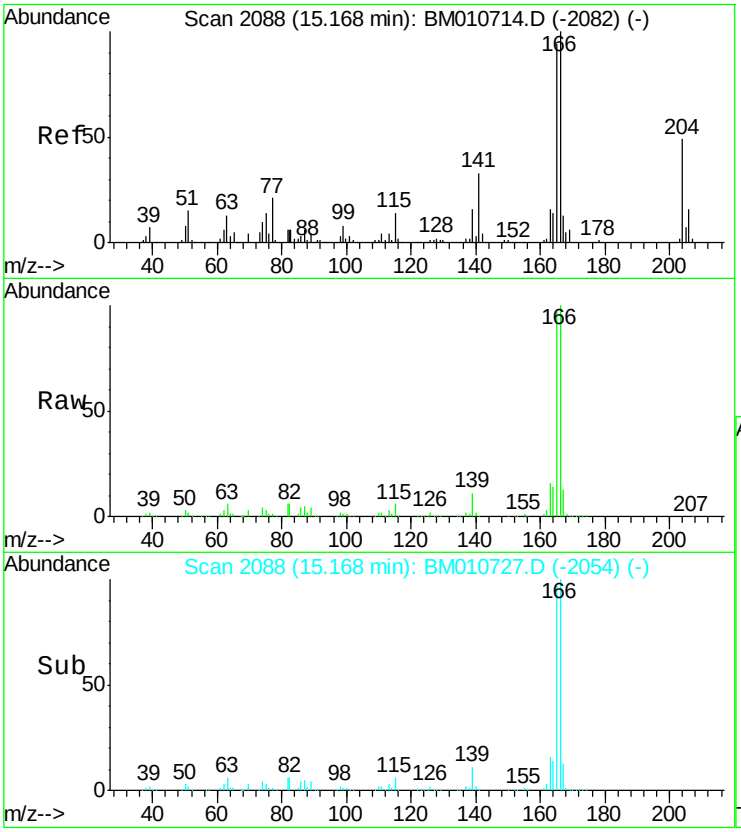


#53
Dibenzofuran
Concen: 18.95 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:168 Resp: 432154

Ion	Ratio	Lower	Upper
168	100		
139	43.8	30.8	46.2



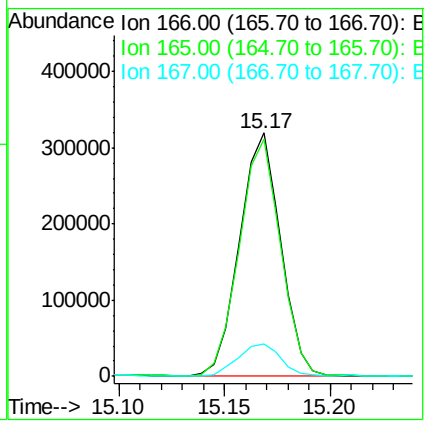


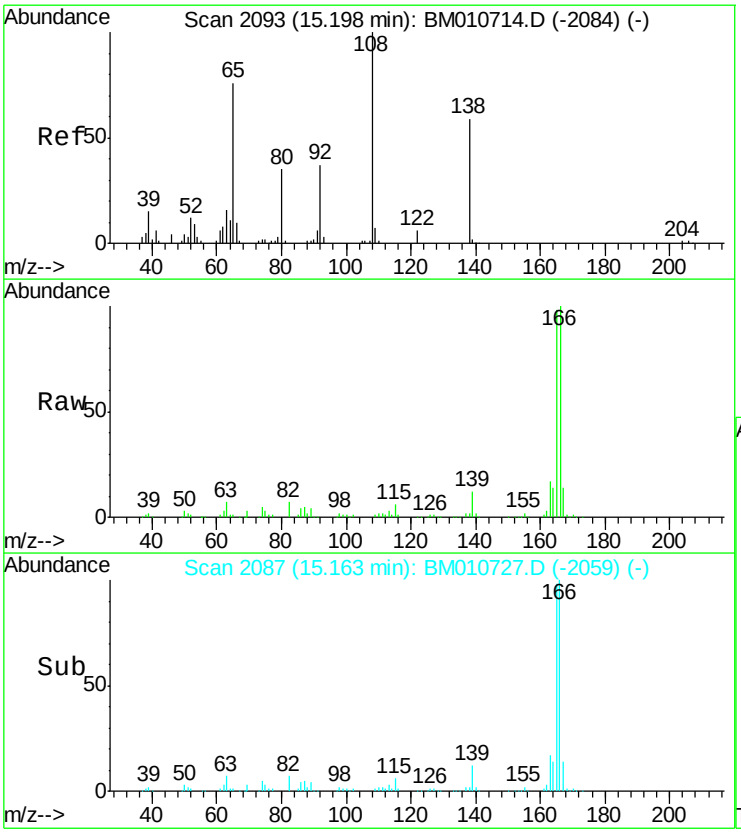
#58
Fluorene
Concen: 22.55 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:166 Resp: 430469

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.9	116.9
167	13.2	10.6	16.0

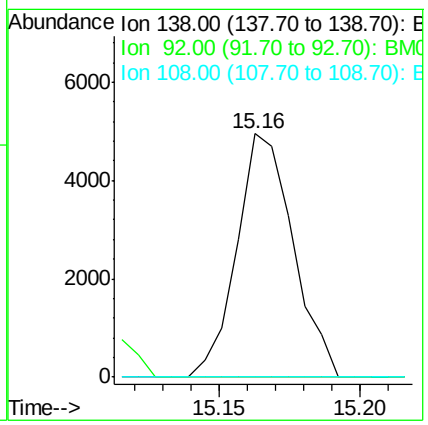


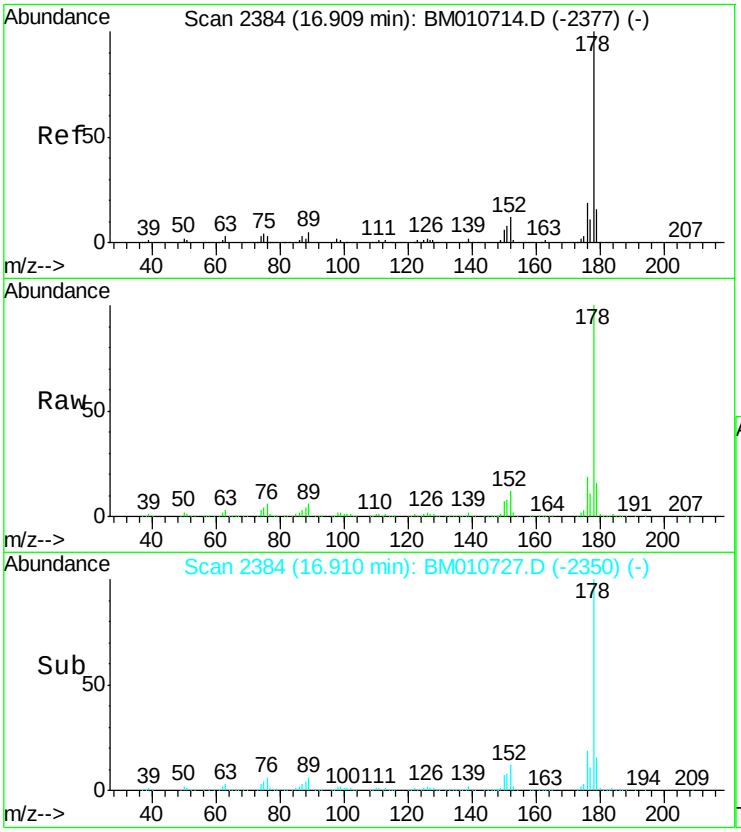


#60
4-Nitroaniline
Concen: 1.68 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.04 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:138 Resp: 6843

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



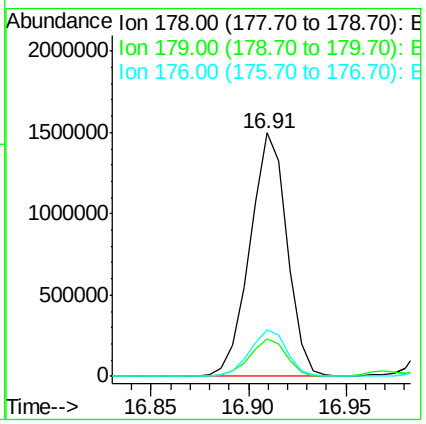


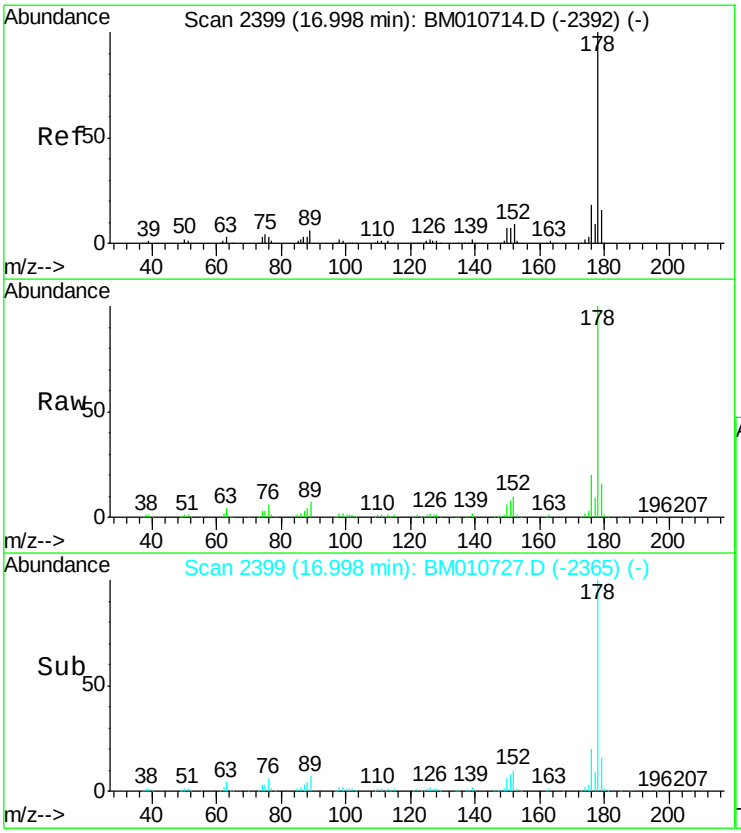
#69
Phenanthrene
Concen: 62.33 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:178 Resp: 1967250

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.2	14.9	22.3

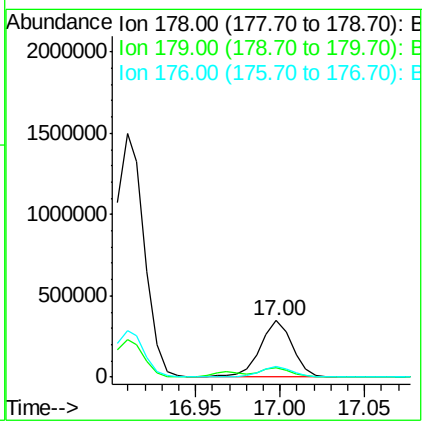


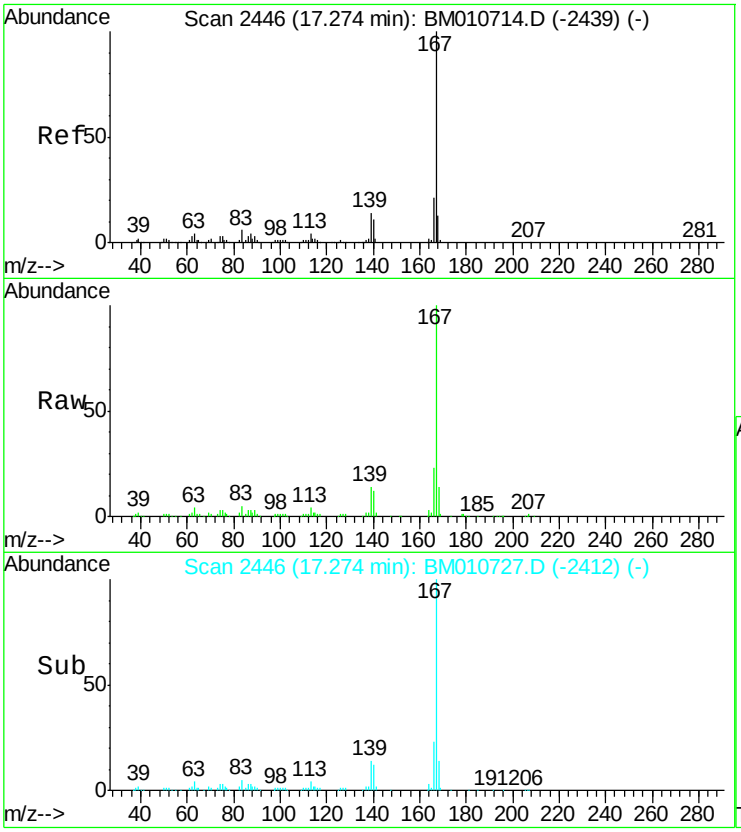


#71
Anthracene
Concen: 14.05 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:178 Resp: 456817

Ion	Ratio	Lower	Upper
178	100		
179	16.2	11.7	17.5
176	19.7	14.6	21.8



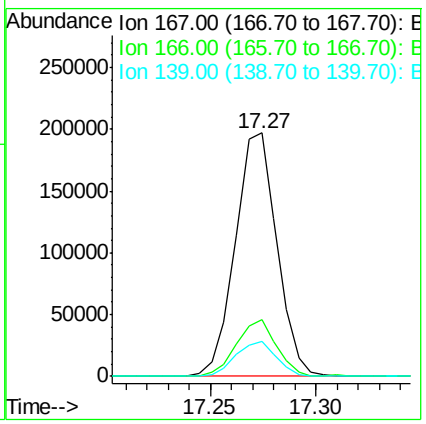


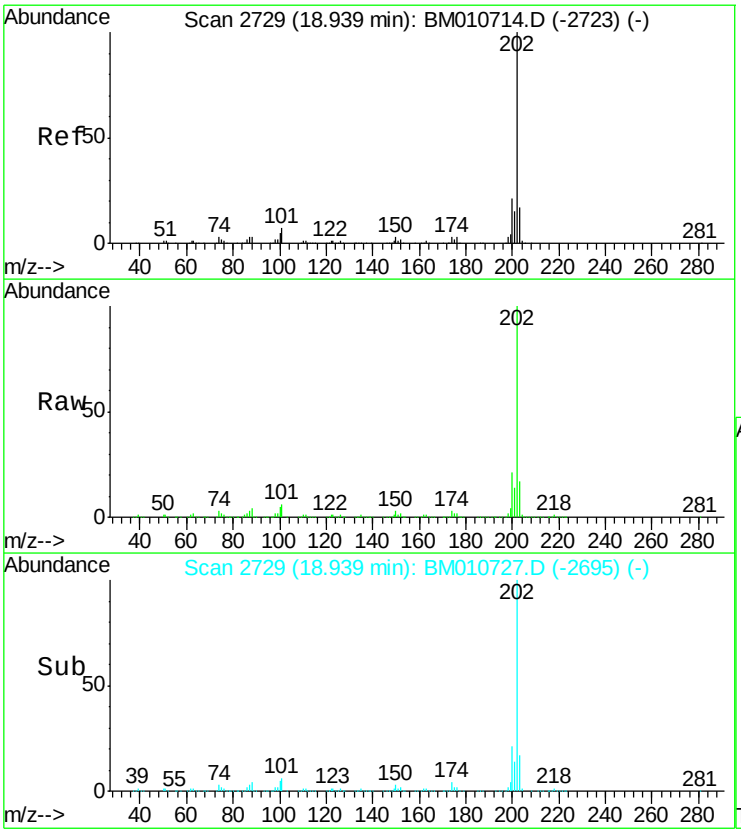
#72
Carbazole
Concen: 9.50 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:167 Resp: 269630

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.1	25.7
139	14.4	10.0	15.0

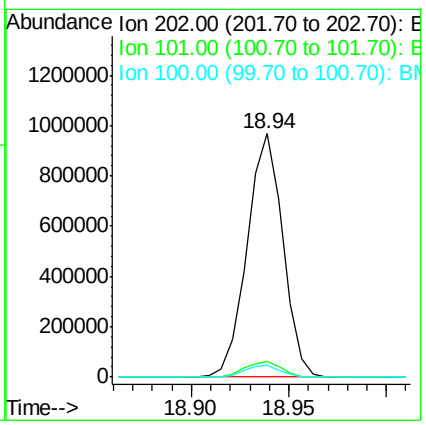


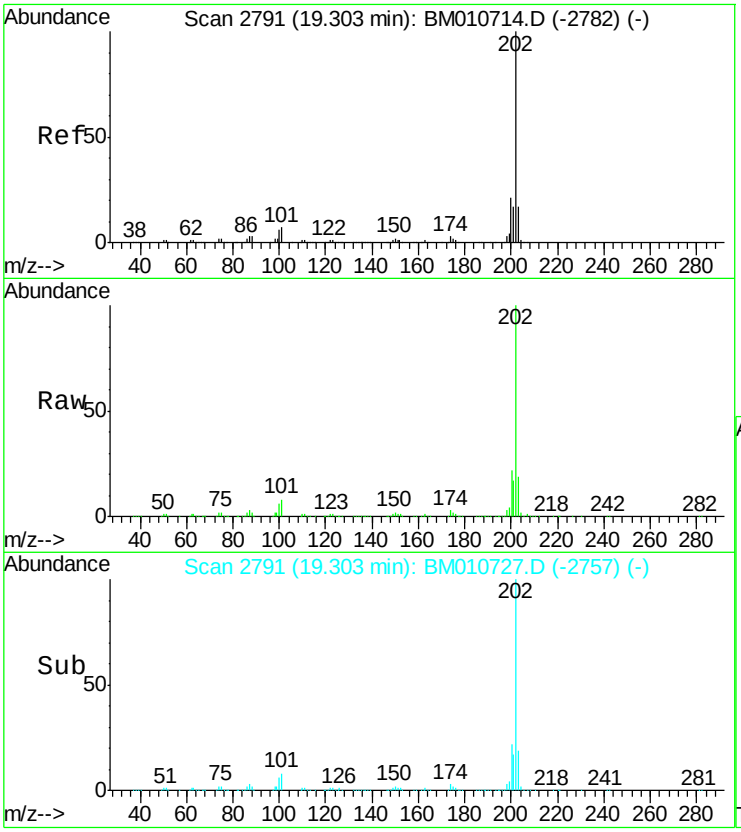


#74
Fluoranthene
Concen: 30.08 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:202 Resp: 1223581

Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.6	7.0
100	4.9	3.4	5.2



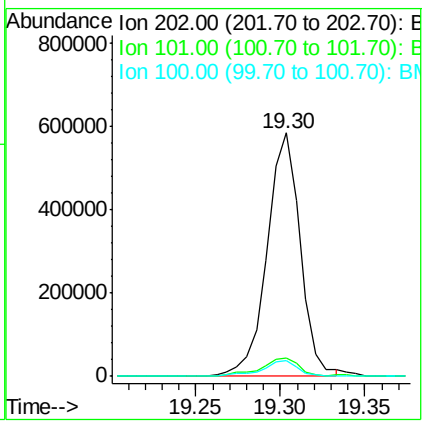


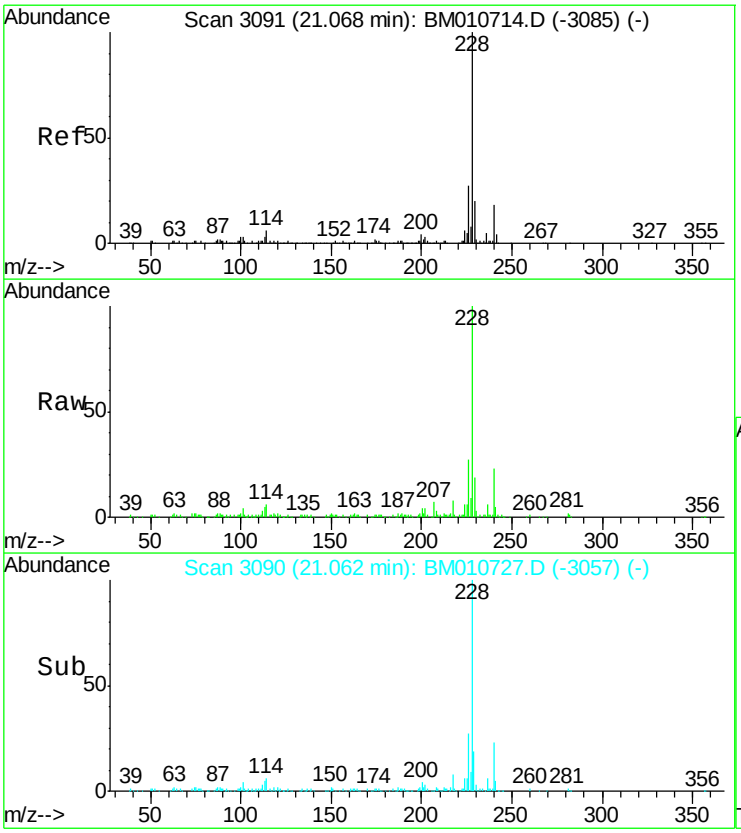
#77
Pyrene
Concen: 19.36 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:202 Resp: 797851

Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.1	7.7
100	6.4	4.9	7.3

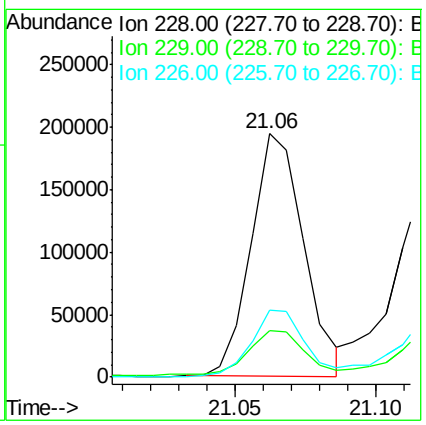


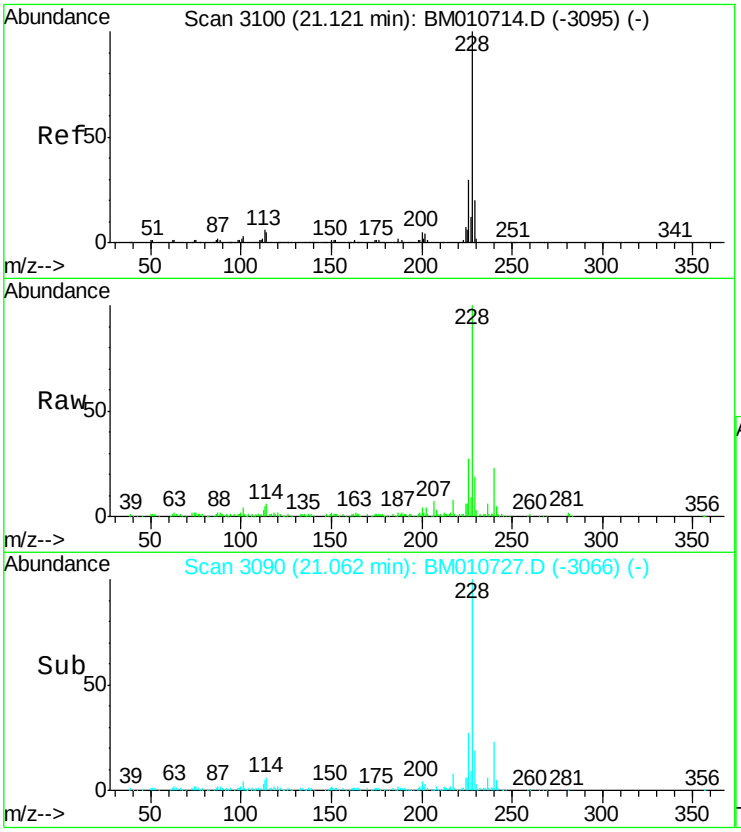


#80
Benzo(a)anthracene
Concen: 6.05 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:228 Resp: 251210

Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.4	23.0
226	27.4	21.4	32.0



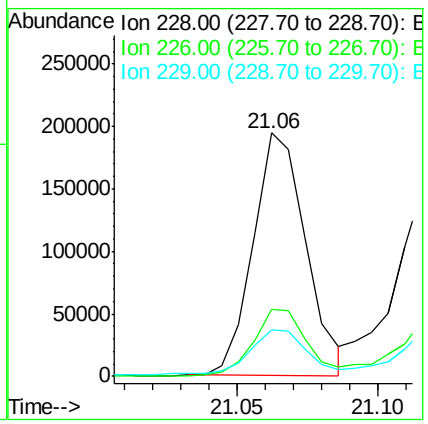


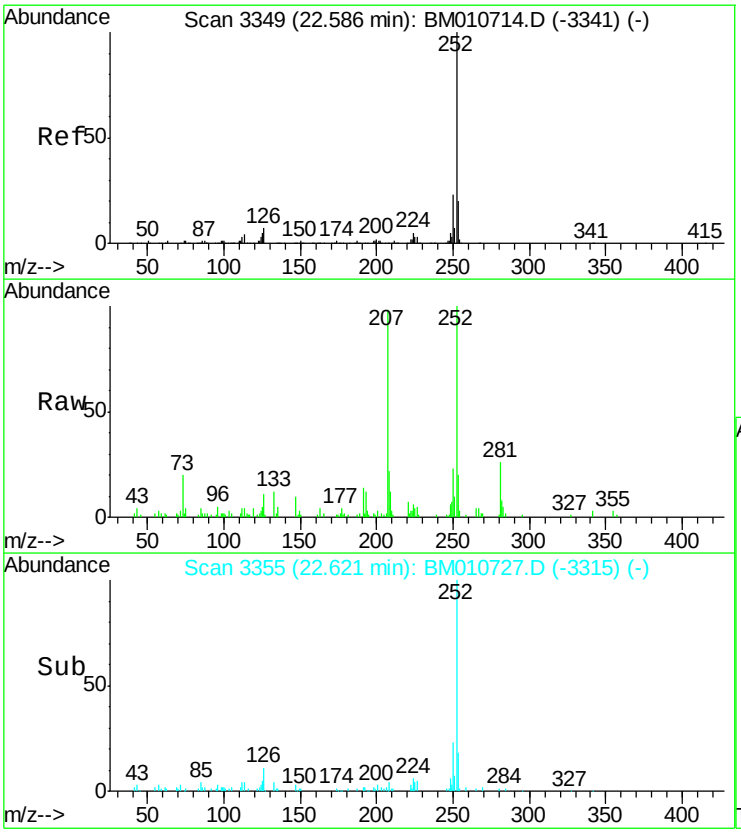
#82
Chrysene
Concen: 6.78 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:228 Resp: 251210

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.4	35.2
229	18.9	15.5	23.3

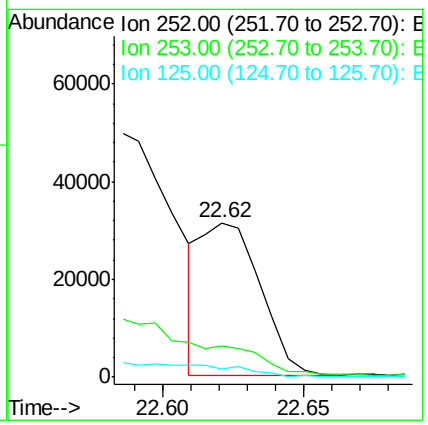


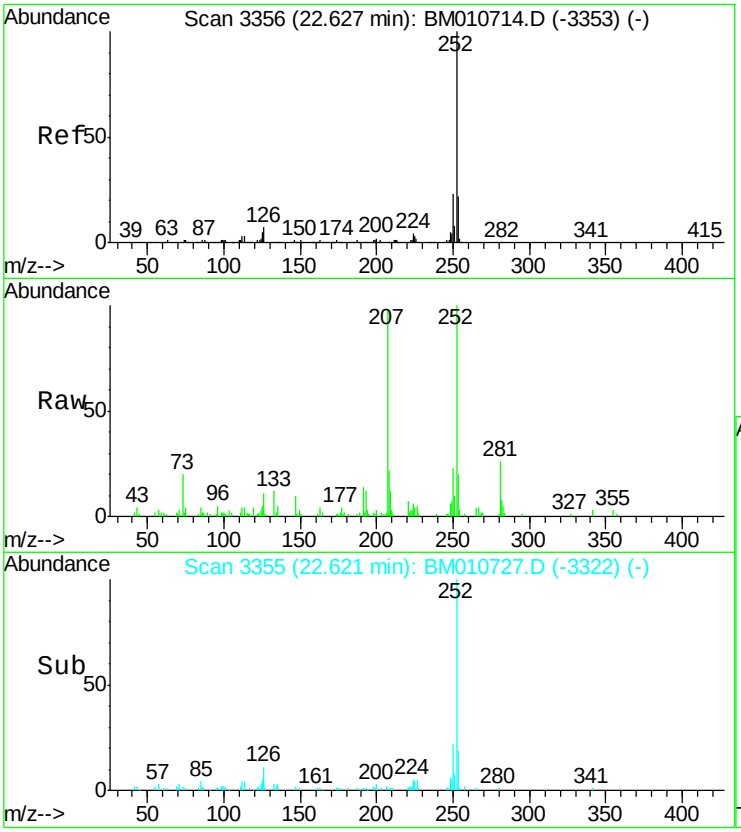


#85
Benzo(b)fluoranthene
Concen: 1.31 ng/ul
RT: 22.62 min Scan# 3355
Delta R.T. 0.04 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:252 Resp: 45250

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.9	26.9
125	5.4	3.6	5.4



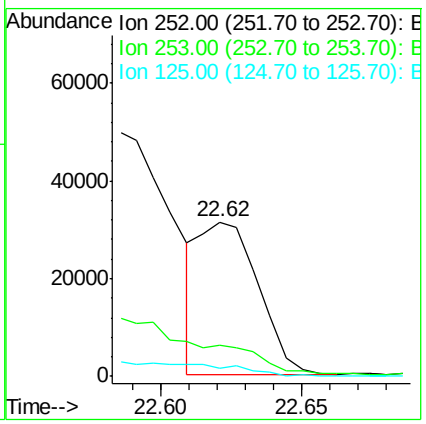


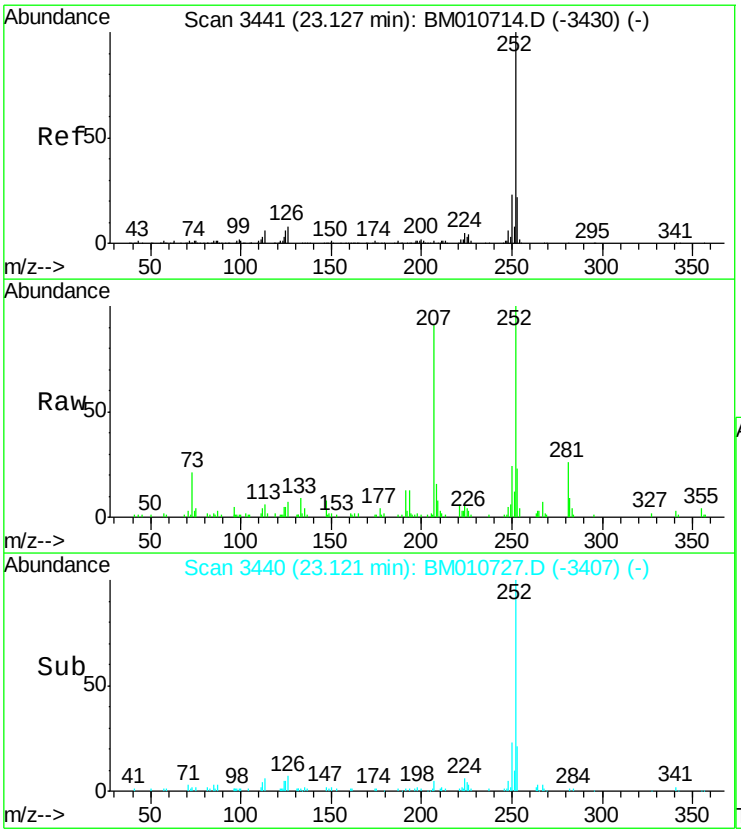
#86
Benzo(k)fluoranthene
Concen: 1.38 ng/ul
RT: 22.62 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Instrument :
BNA_M
ClientSampleId :
F5B20ME

Tgt Ion:252 Resp: 45250

Ion	Ratio	Lower	Upper
252	100		
253	20.0	17.1	25.7
125	5.4	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 2.04 ng/ul
RT: 23.12 min Scan# 3440
Delta R.T. -0.01 min
Lab File: BM010727.D
Acq: 24 Jun 2017 13:26

Tgt Ion:252 Resp: 64770

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	5.0	4.0	6.0