Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\

Quantitation Report (Not Reviewed)

Data File : BM010647.D
Acq On : 22 Jun 2017 05:38
Operator : SJ/JU
Sample : I3558-17ME 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D33MEDL

Quant Time: Jun 22 06:40:05 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	70972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	315513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	219121	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	564495	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	712807	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	596396	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	267	0.22	ng/uL	0.00
5) Phenol-d5	6.65	99	6910	1.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	3873	1.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	5415	1.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	6277	1.12	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	2953	1.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	3391	1.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	7063	1.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	8518	1.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	26440	1.37	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	29197	1.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	2813	0.83	ng/ul	0.00
57) Fluorene-d10	15.12	176	25838	1.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	2733	0.79	ng/ul	-0.01
70) Anthracene-d10	16.87	188	564495	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	48439	1.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	37605	1.30	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.28	128	1174286	74.79	ng/ul	99
30) 4-Chloroaniline	10.27	127	155028	26.80	ng/ul#	27
34) 2-Methylnaphthalene	11.90	142	261758	20.74	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	72191	4.21	ng/ul	96
49) Acenaphthene	14.18	153	201139	13.99	ng/ul	98
53) Dibenzofuran	14.52	168	259396	11.92	ng/ul	90
58) Fluorene	15.17	166	256125	14.05	ng/ul	99
69) Phenanthrene	16.91	178	1153229	38.43	ng/ul	100
71) Anthracene	17.00	178	184911	5.98	ng/ul	95
72) Carbazole	17.27	167	116293	4.31	ng/ul	98
74) Fluoranthene	18.94	202	749589	19.38	ng/ul#	98
77) Pyrene	19.30	202	503111	12.22	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	166942	4.02	ng/ul	96
82) Chrysene	21.12	228	129410	3.50	ng/ul	95
85) Benzo(b)fluoranthene	22.59	252	87973	2.27	ng/ul#	96
86) Benzo(k)fluoranthene	22.59	252	87973	2.40	ng/ul#	94
88) Benzo(a)pyrene	23.13	252	48438	1.36	ng/ul	95

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

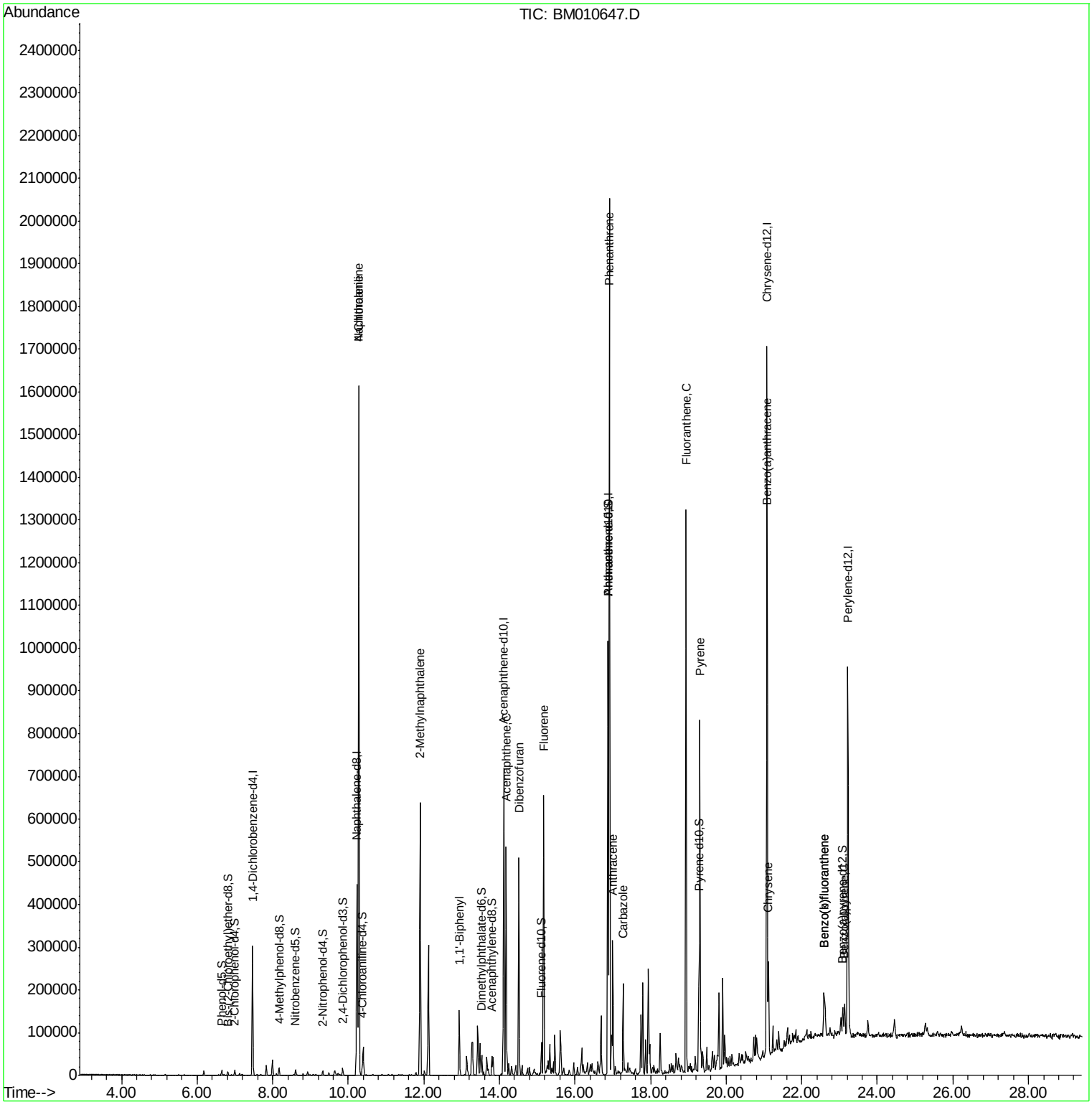
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\

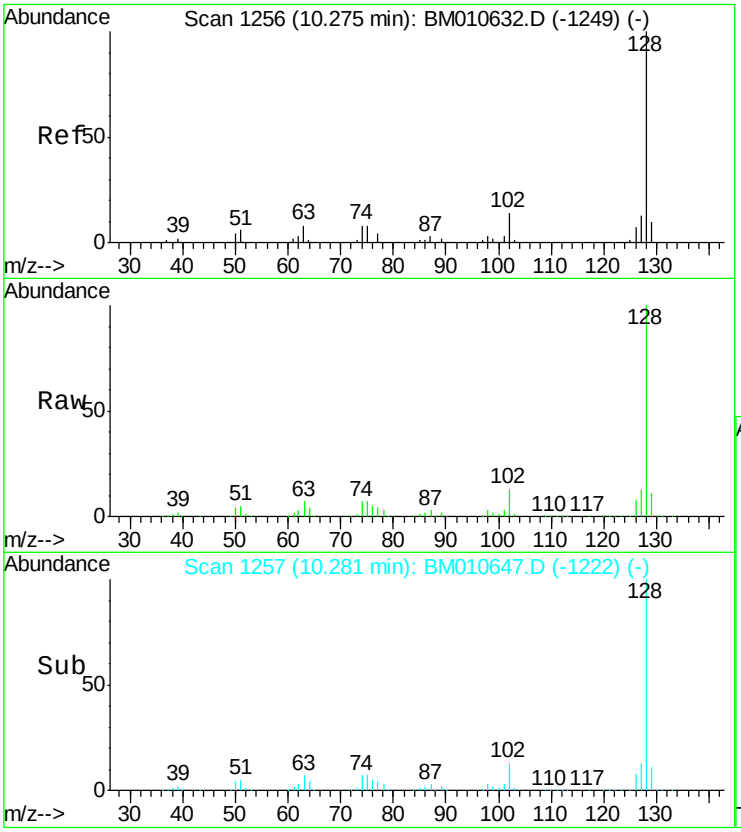
Quantitation Report (Not Reviewed)

Data File : BM010647.D
Acq On : 22 Jun 2017 05:38
Operator : SJ/JU
Sample : I3558-17ME 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Quant Time: Jun 22 06:40:05 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration



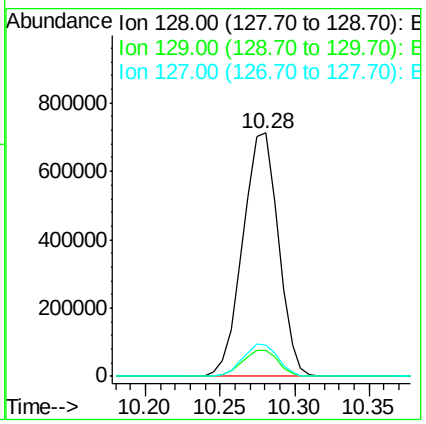


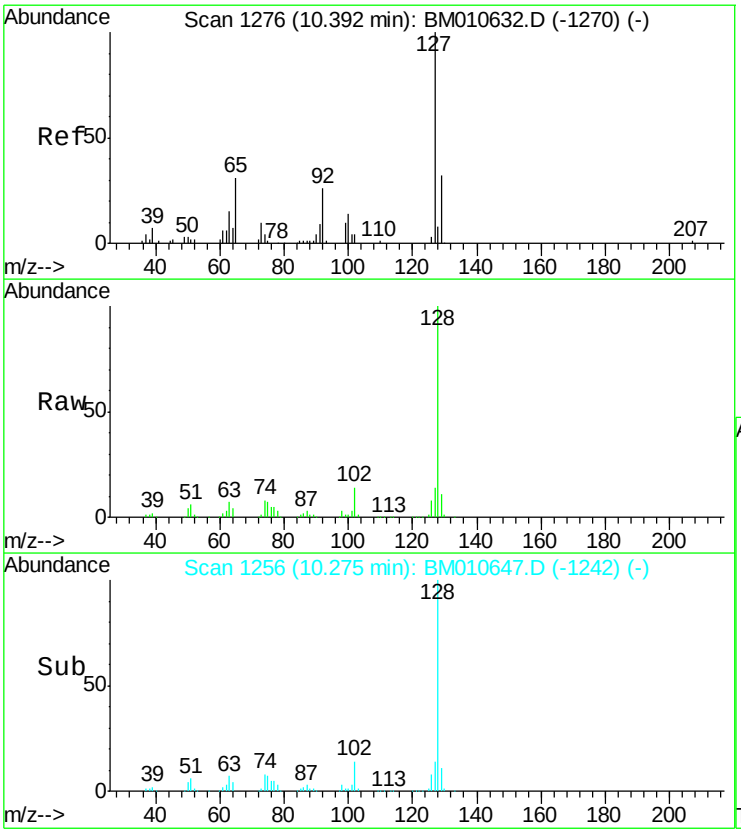
#28
Naphthalene
Concen: 74.79 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:128 Resp: 1174286

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.8	10.6	16.0

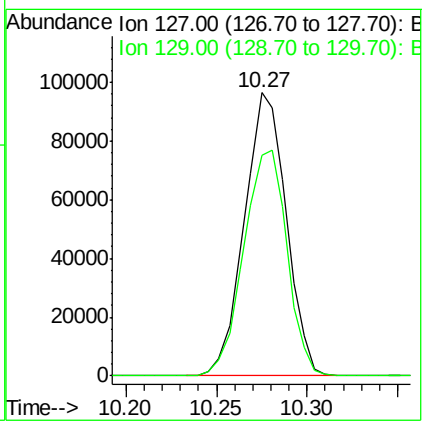


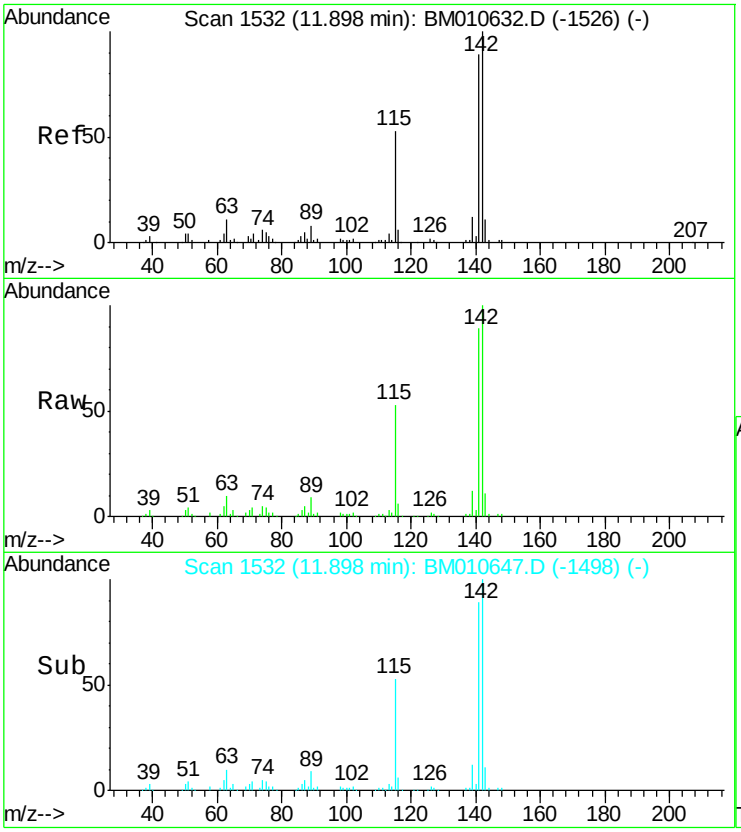


#30
4-Chloroaniline
Concen: 26.80 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.12 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:127 Resp: 155028

Ion	Ratio	Lower	Upper
127	100		
129	78.1	28.4	42.6#



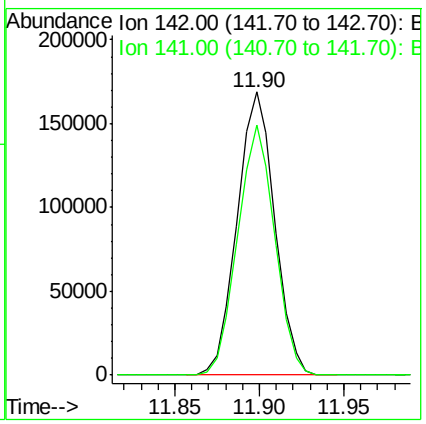


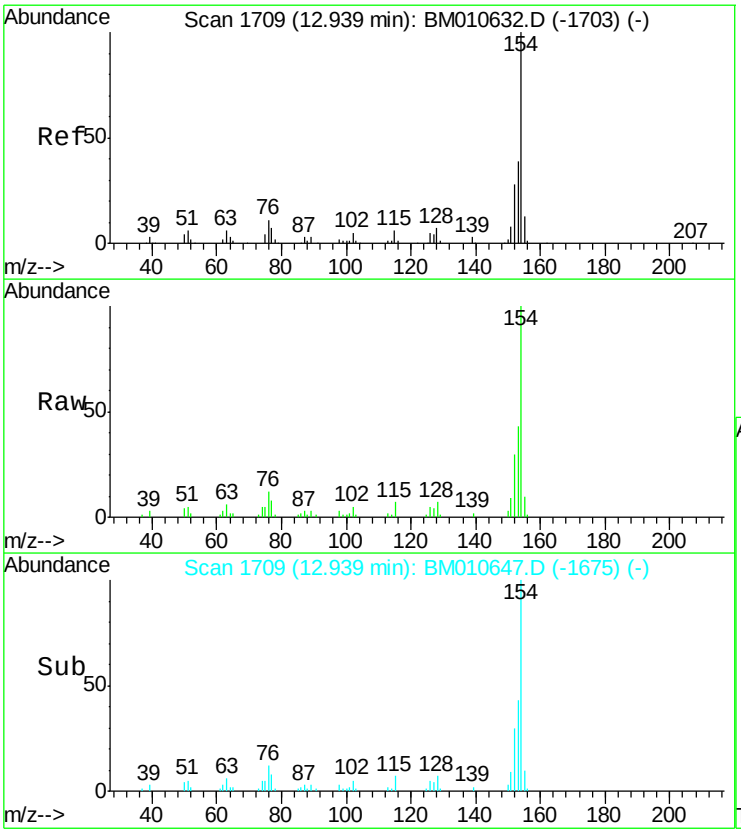
#34
2-Methylnaphthalene
Concen: 20.74 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:142 Resp: 261758

Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.1	111.1

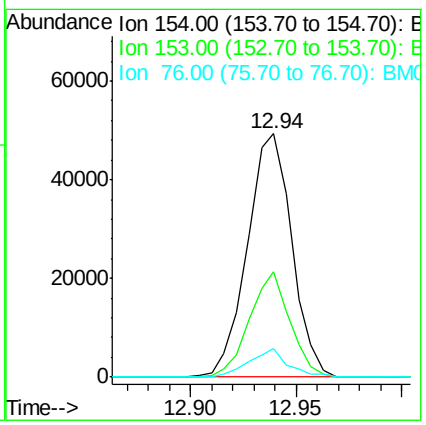


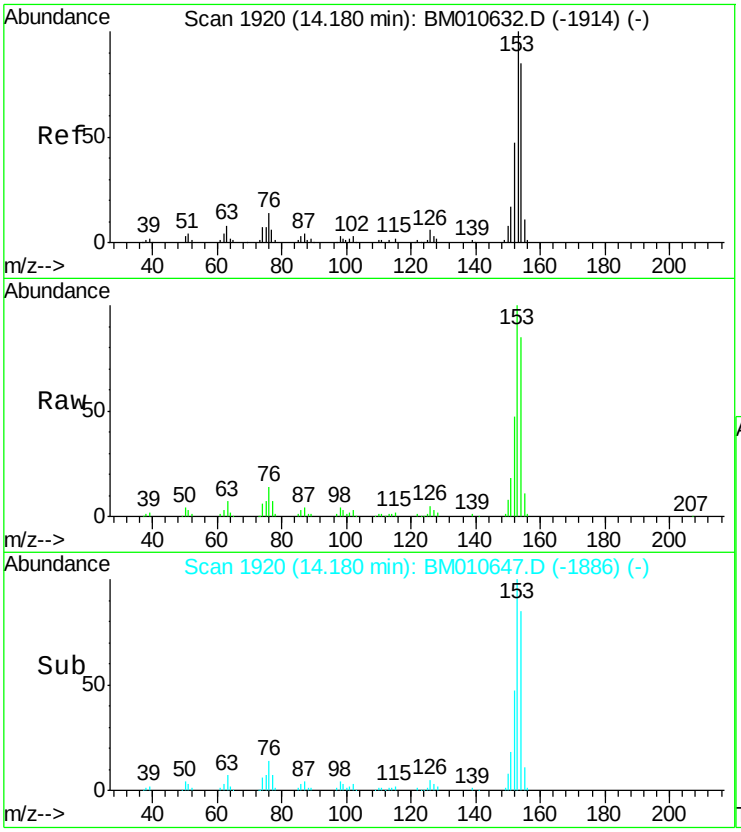


#40
1,1'-Biphenyl
Concen: 4.21 ng/ul
RT: 12.94 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:154 Resp: 72191

Ion	Ratio	Lower	Upper
154	100		
153	43.3	32.6	48.8
76	11.6	8.5	12.7



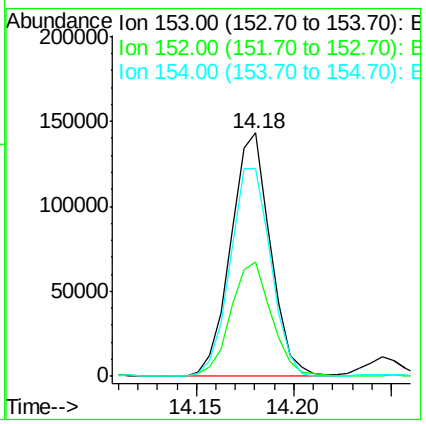


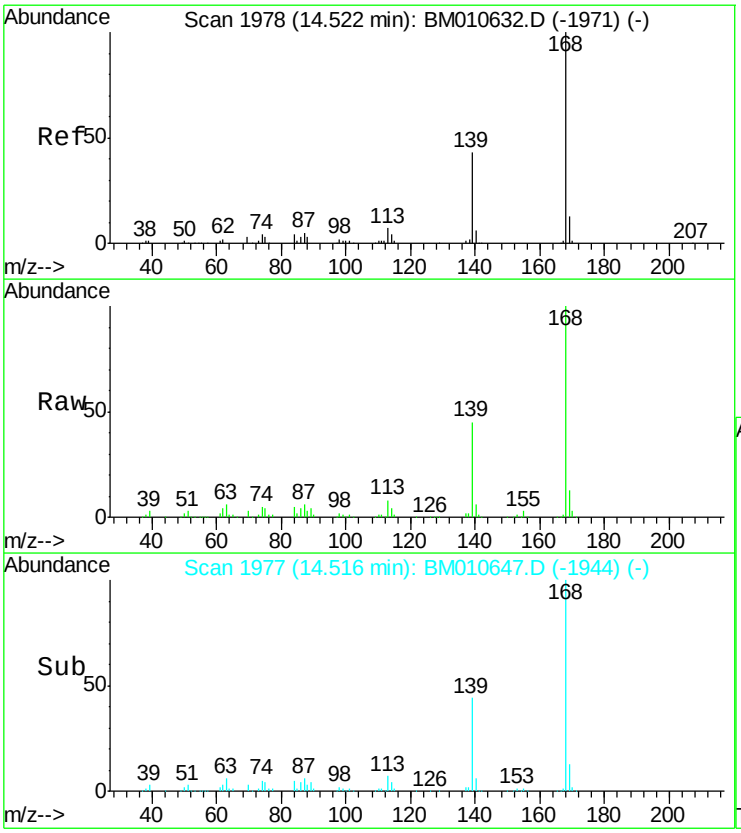
#49
Acenaphthene
Concen: 13.99 ng/ul
RT: 14.18 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:153 Resp: 201139

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.6	56.4
154	85.2	70.4	105.6

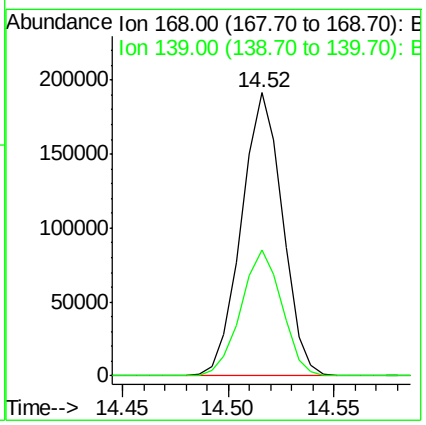


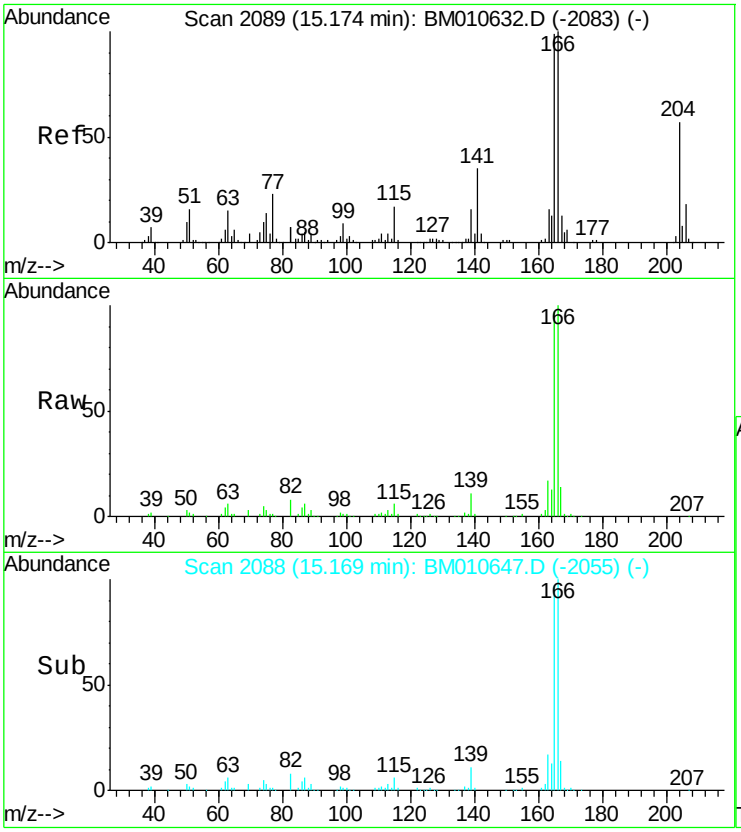


#53
Dibenzofuran
Concen: 11.92 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:168 Resp: 259396

Ion	Ratio	Lower	Upper
168	100		
139	44.6	30.8	46.2



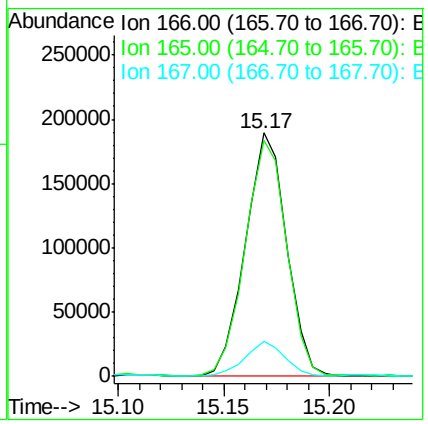


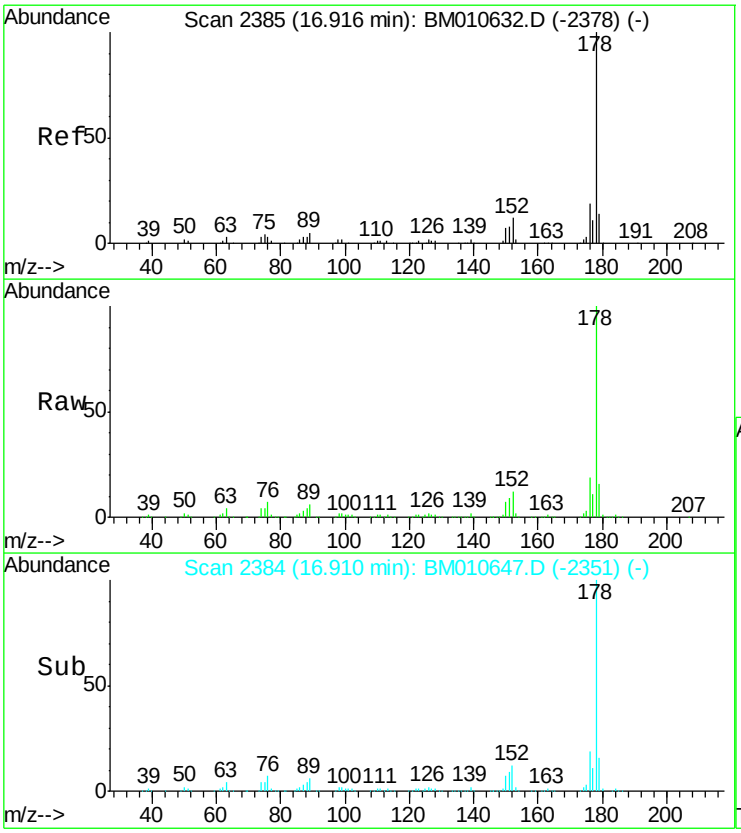
#58
Fluorene
Concen: 14.05 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:166 Resp: 256125

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.9	116.9
167	14.1	10.6	16.0

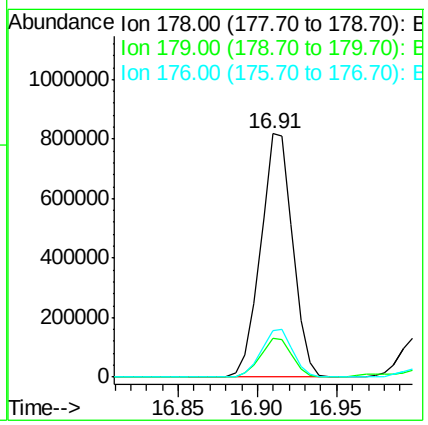


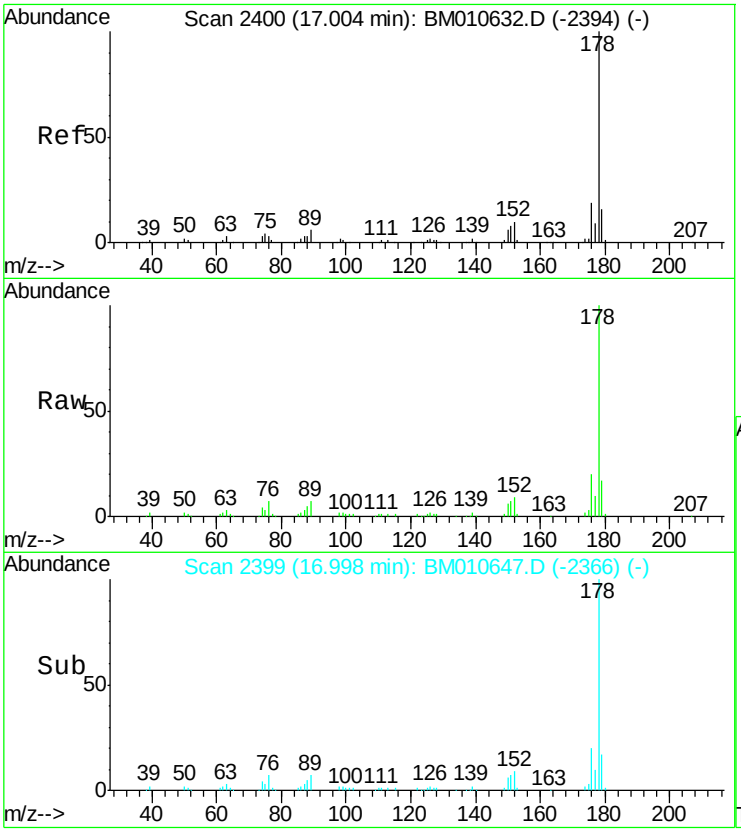


#69
Phenanthrene
Concen: 38.43 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:178 Resp: 1153229

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.9	14.9	22.3



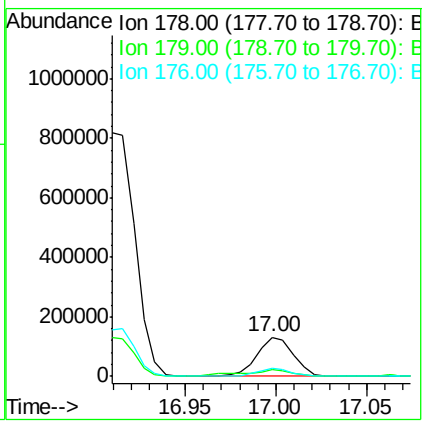


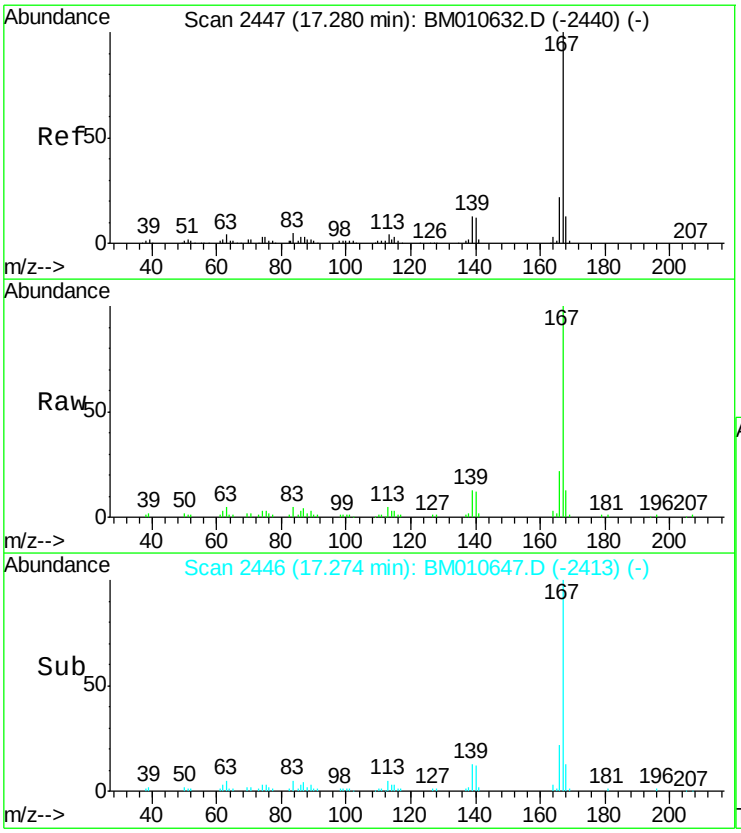
#71
Anthracene
Concen: 5.98 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:178 Resp: 184911

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.7	17.5
176	20.4	14.6	21.8

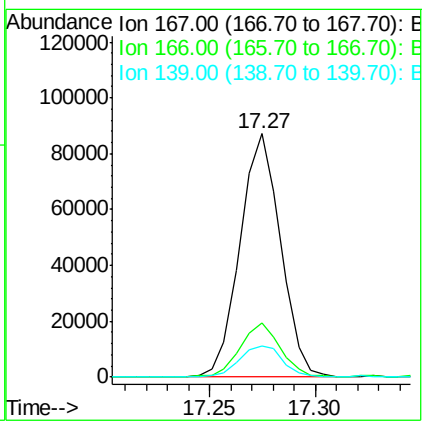


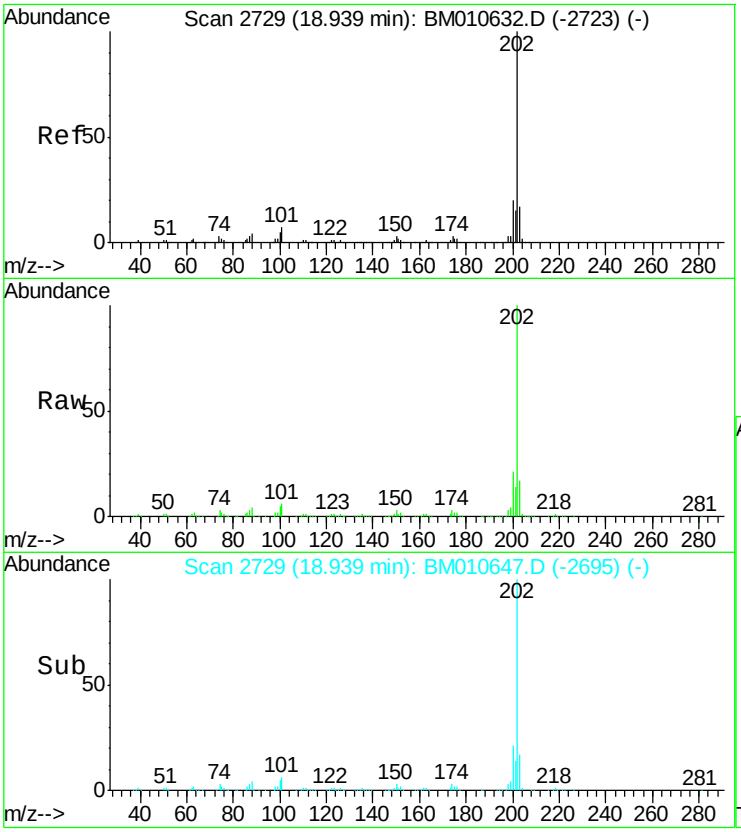


#72
Carbazole
Concen: 4.31 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:167 Resp: 116293

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	12.8	10.0	15.0



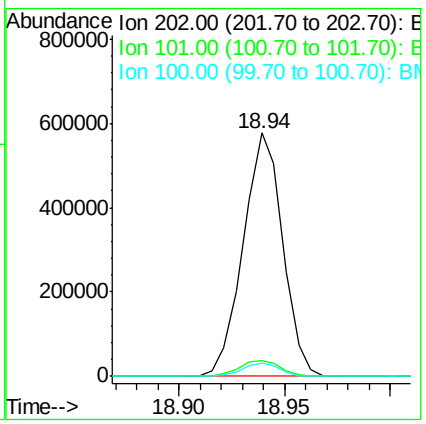


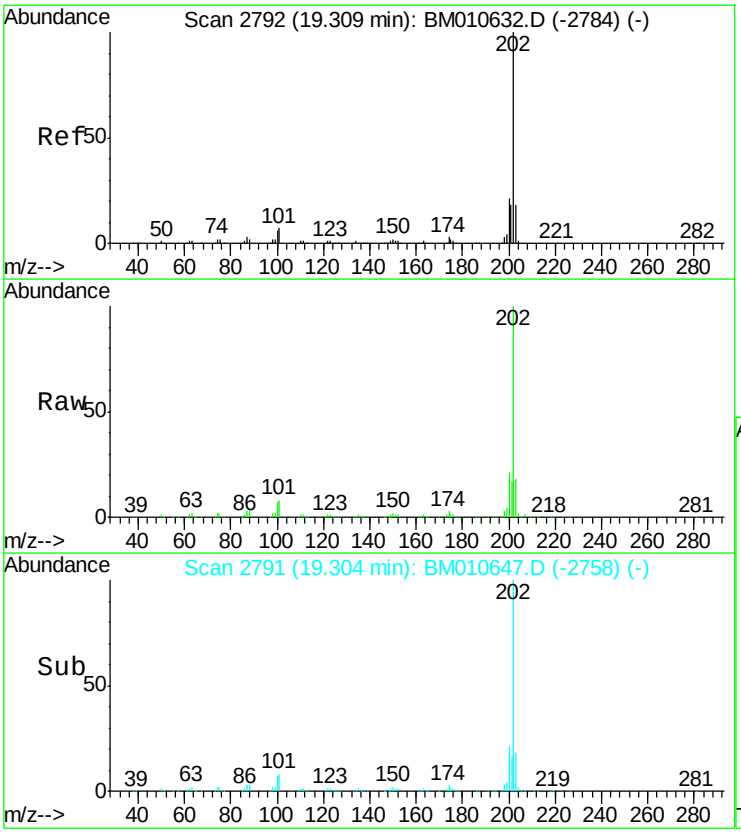
#74
Fluoranthene
Concen: 19.38 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:202 Resp: 749589

Ion	Ratio	Lower	Upper
202	100		
101	6.2	4.6	7.0
100	5.3	3.4	5.2#

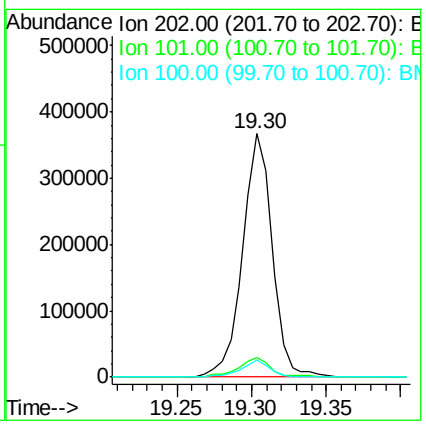


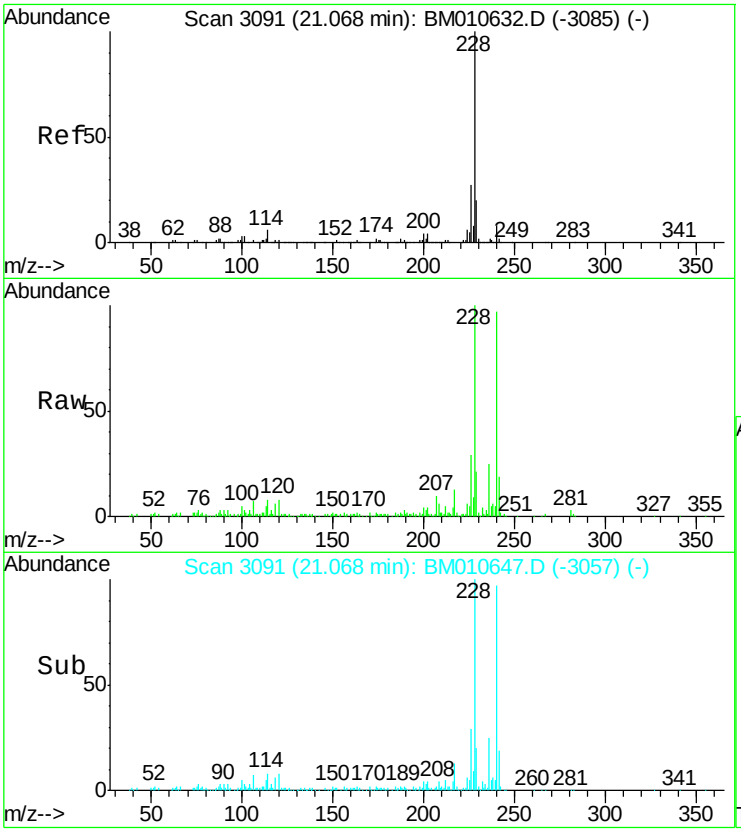


#77
Pyrene
Concen: 12.22 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:202 Resp: 503111

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.1	7.7#
100	7.0	4.9	7.3



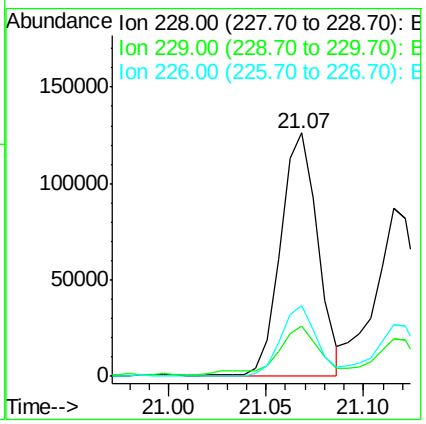


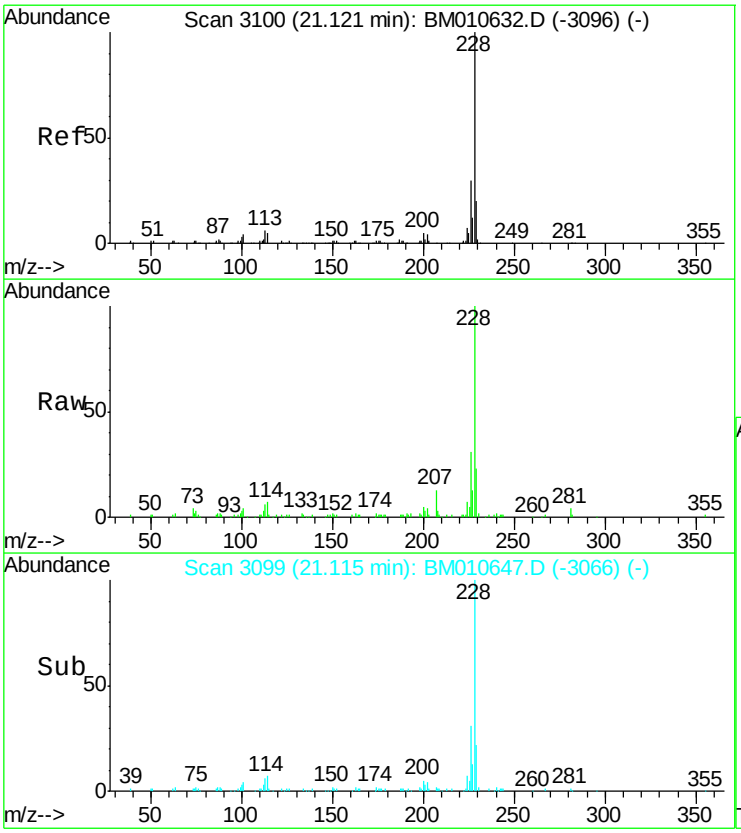
#80
Benzo(a)anthracene
Concen: 4.02 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:228 Resp: 166942

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	29.0	21.4	32.0

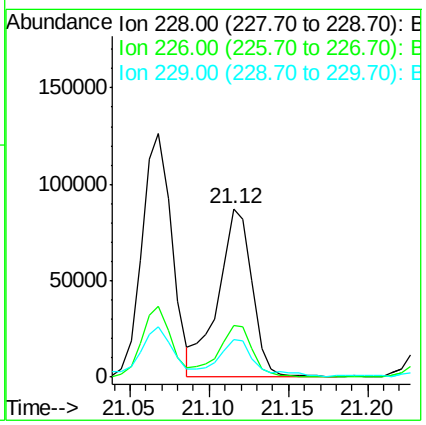


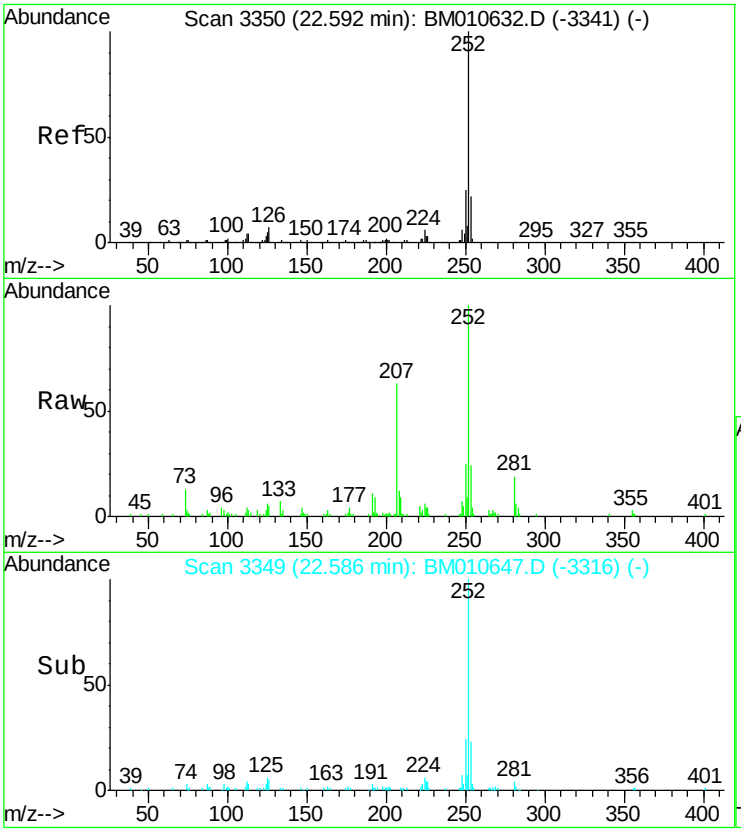


#82
Chrysene
Concen: 3.50 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:228 Resp: 129410

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	22.5	15.5	23.3



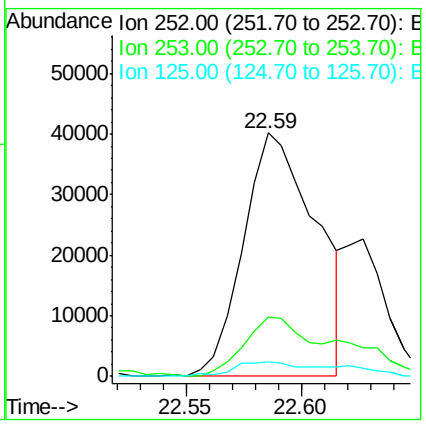


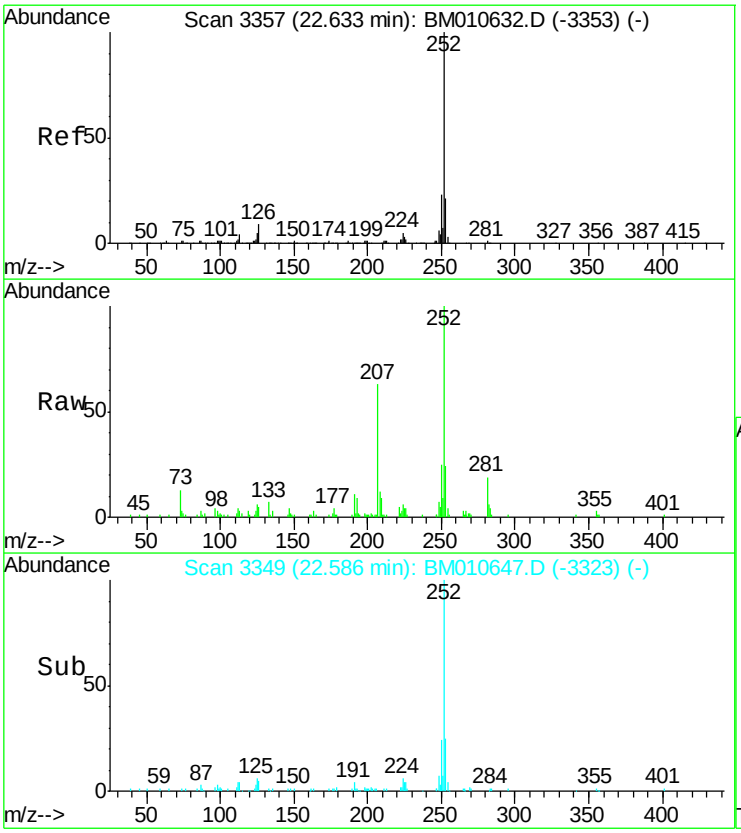
#85
Benzo(b)fluoranthene
Concen: 2.27 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:252 Resp: 87973

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.9	26.9
125	6.1	3.6	5.4#

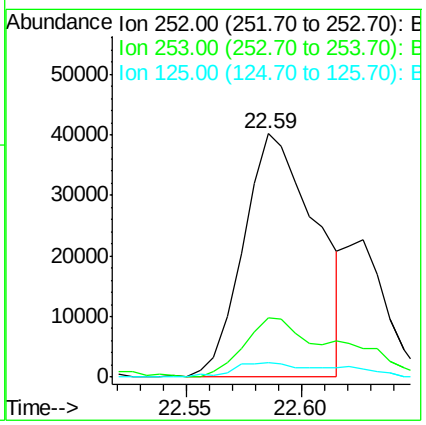


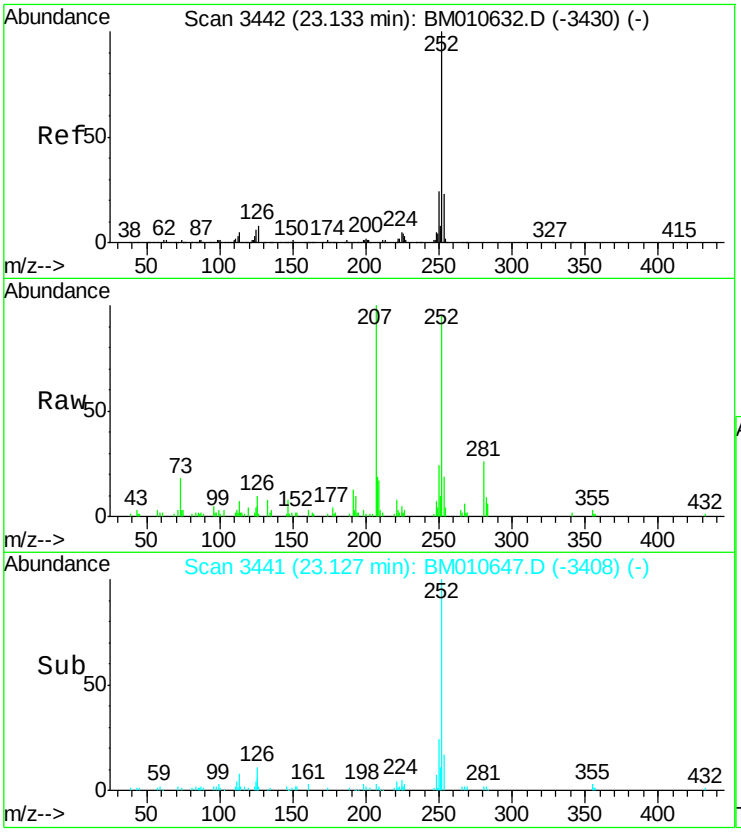


#86
Benzo(k)fluoranthene
Concen: 2.40 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.05 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:252 Resp: 87973

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	6.1	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 1.36 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:252 Resp: 48438

Ion	Ratio	Lower	Upper
252	100		
253	20.0	18.2	27.2
125	5.5	4.0	6.0