Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013502.D
Acq On : 18 Dec 2017 17:12
Operator : SJ/JU
Sample : I6778-14MEDL2 30X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 19 00:44:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	215816	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	951564	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	531446	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1111450	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	907513	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	768073	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	494	0.11	ng/uL	0.00
5) Phenol-d5	6.86	99	22072	1.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	14101	1.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	17771	1.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	19858	1.24	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	11845	1.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	10537	1.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	21668	1.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	14527	0.95	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	68395	1.45	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	85666	1.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	1532	0.19	ng/ul	0.00
57) Fluorene-d10	15.31	176	61186	1.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	4152	0.59	ng/ul	0.02
70) Anthracene-d10	17.17	188	90860	1.63	ng/ul	0.00
76) Pyrene-d10	19.46	212	84047	1.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	58096	1.48	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.76	117	7755	1.245	ng/ul#	1
28) Naphthalene	10.51	128	11335220	231.535	ng/ul	99
30) 4-Chloroaniline	10.51	127	1470443	99.295	ng/ul#	18
34) 2-Methylnaphthalene	12.12	142	2338816	63.551	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	646481	14.393	ng/ul	98
47) Acenaphthylene	14.03	152	283346	5.246	ng/ul#	93
49) Acenaphthene	14.38	153	2419790	65.773	ng/ul	99
53) Dibenzofuran	14.72	168	2578975	47.484	ng/ul	97
58) Fluorene	15.37	166	2878258	64.060	ng/ul	99
60) 4-Nitroaniline	15.37	138	32954	3.387	ng/ul#	12
69) Phenanthrene	17.12	178	12364783	195.820	ng/ul	97
71) Anthracene	17.20	178	1645414	25.493	ng/ul	99
72) Carbazole	17.47	167	711184	12.810	ng/ul	100
74) Fluoranthene	19.13	202	5721260	73.936	ng/ul#	92
77) Pyrene	19.50	202	3622872	65.710	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	921048	15.996	ng/ul	98
82) Chrysene	21.29	228	758461	14.198	ng/ul	97
85) Benzo(b)fluoranthene	22.81	252	515909	9.964	ng/ul#	97
86) Benzo(k)fluoranthene	22.81	252	515909	10.588	ng/ul#	95
88) Benzo(a)pyrene	23.38	252	345231	7.423	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	149193	3.233	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.71	278	41000	1.043	ng/ul#	75
91) Benzo(g,h,i)perylene	26.39	276	110989	3.049	ng/ul#	89

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
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Sample : I6778-14MEDL2 30X
Misc :
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Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 19 00:44:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013502.D
Acq On : 18 Dec 2017 17:12
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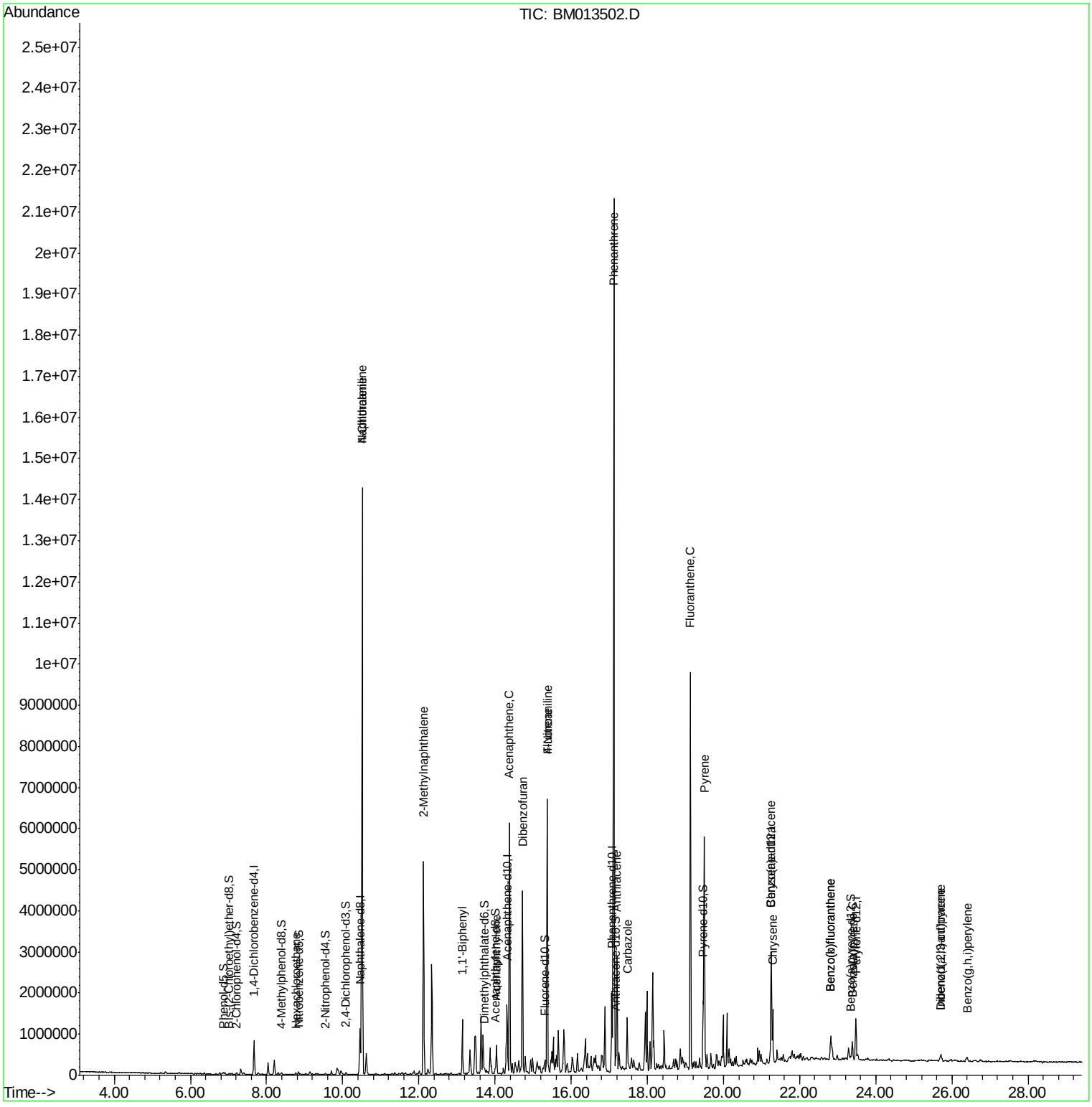
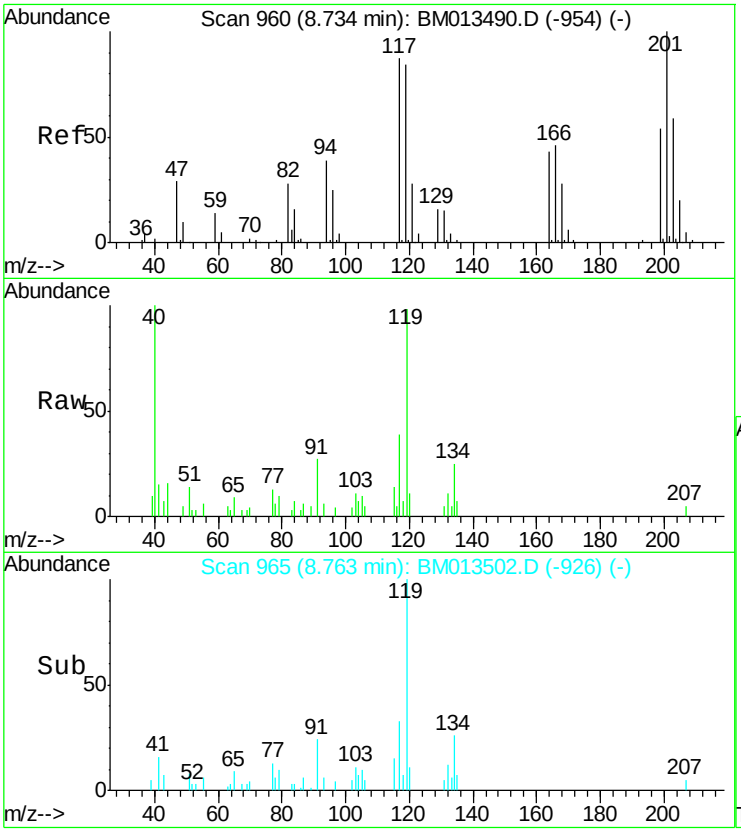
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration



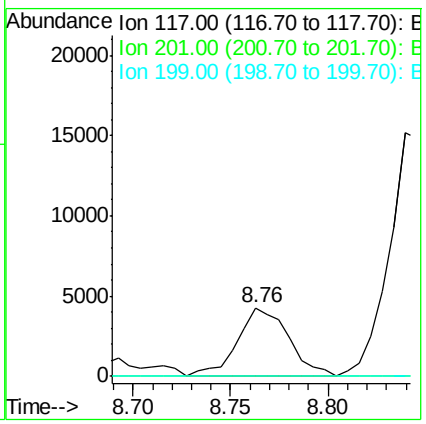


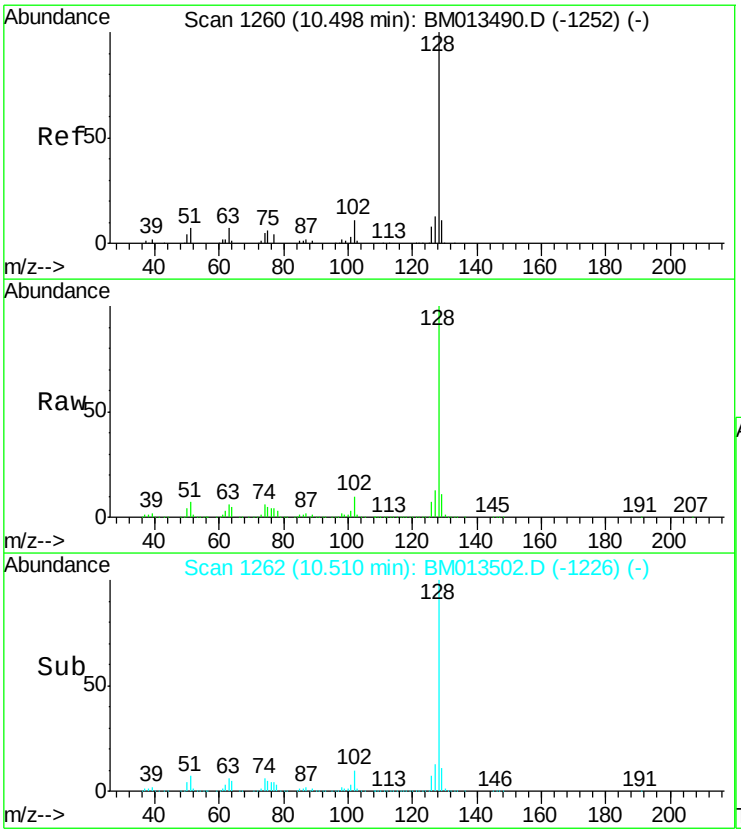
#17
Hexachloroethane
Concen: 1.245 ng/ul
RT: 8.76 min Scan# 965
Delta R.T. 0.03 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 7755

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

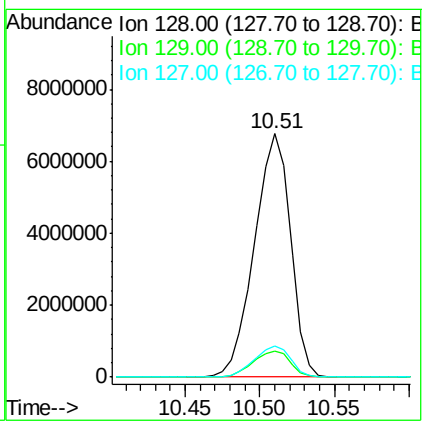


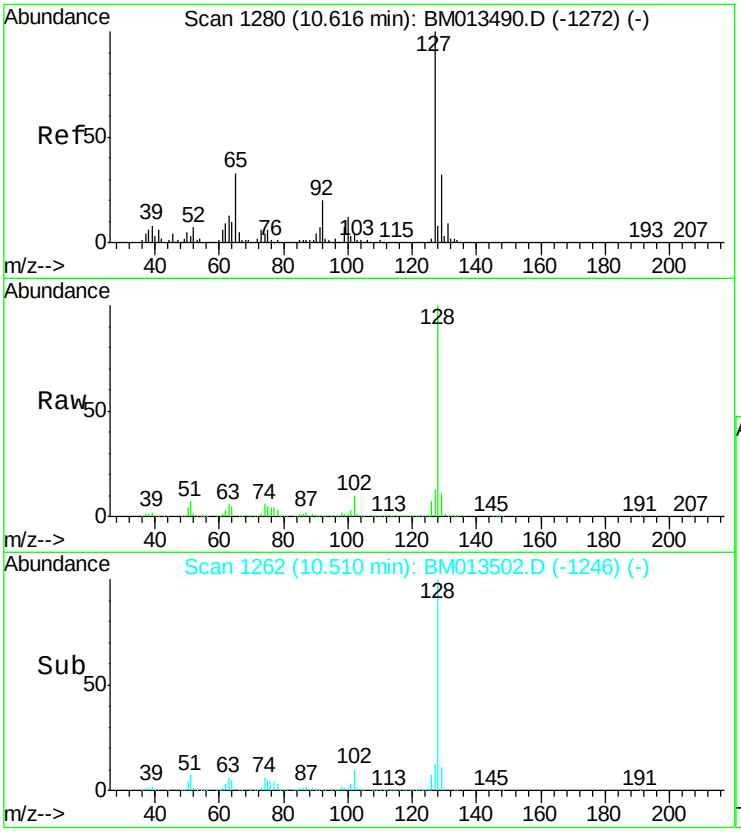


#28
Naphthalene
Concen: 231.535 ng/ul
RT: 10.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:128 Resp:11335220

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.6	16.0



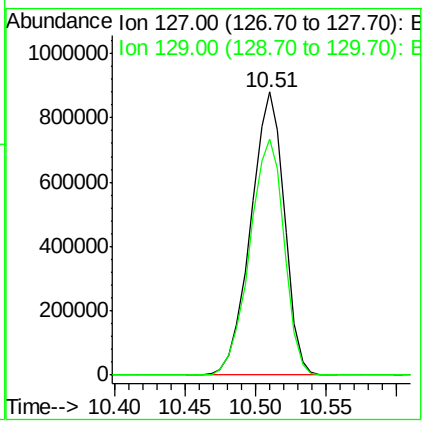


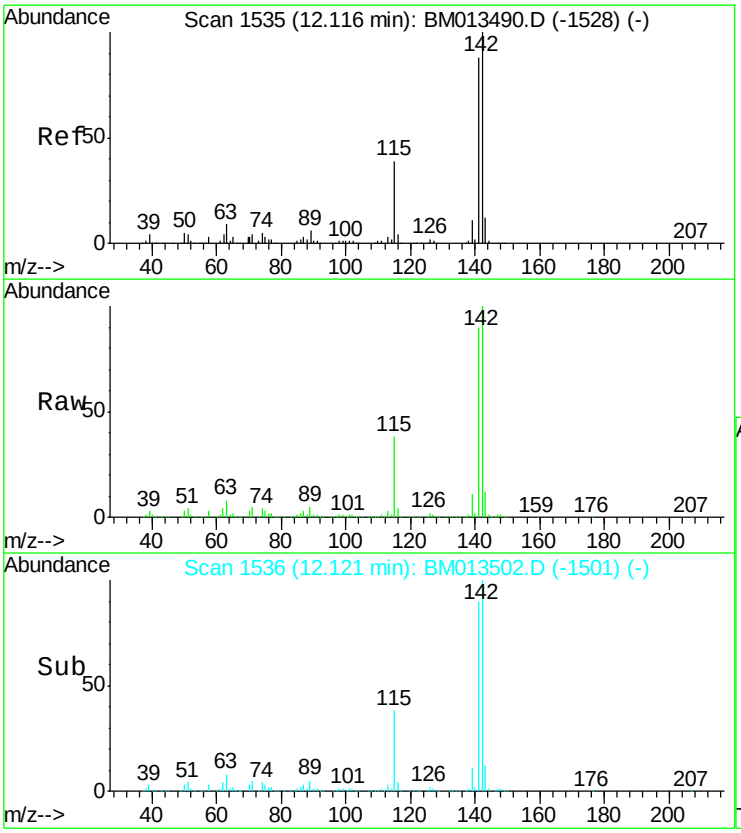
#30
4-Chloroaniline
Concen: 99.295 ng/ul
RT: 10.51 min Scan# 1262
Delta R.T. -0.11 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 1470443

Ion	Ratio	Lower	Upper
127	100		
129	83.4	28.4	42.6#

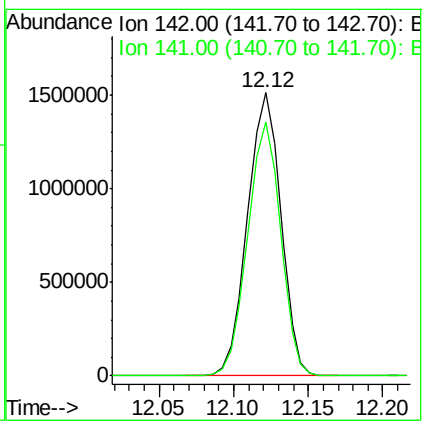


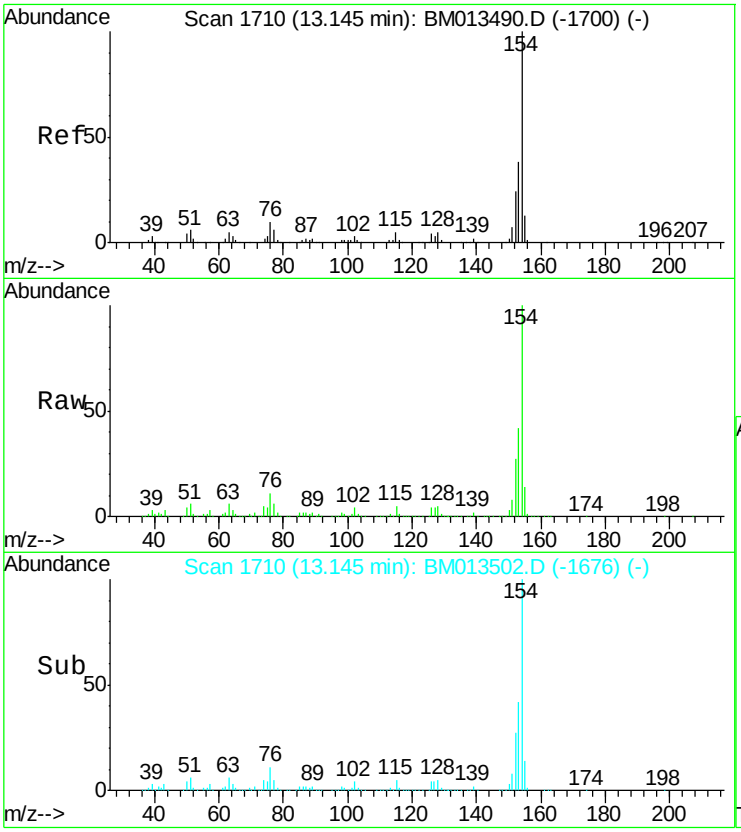


#34
2-Methylnaphthalene
Concen: 63.551 ng/ul
RT: 12.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:142 Resp: 2338816

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.1	111.1



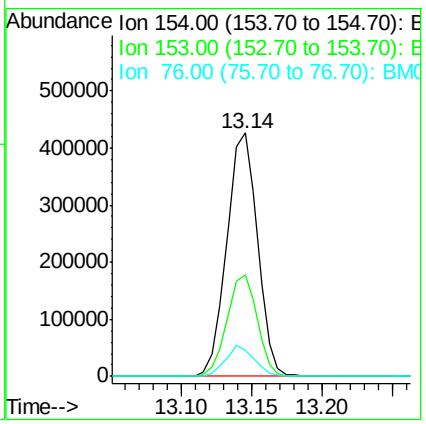


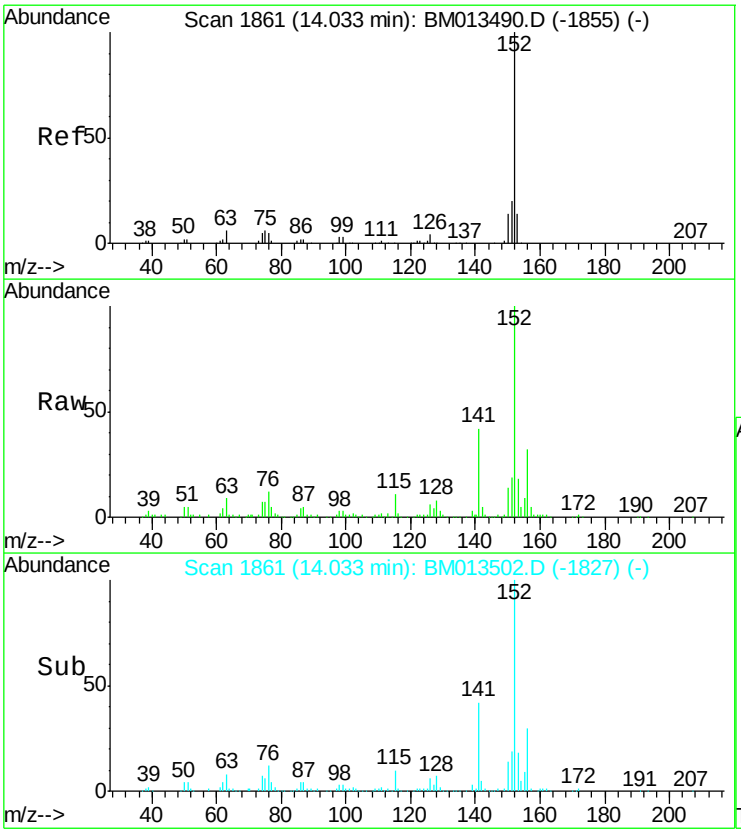
#40
1,1'-Biphenyl
Concen: 14.393 ng/ul
RT: 13.14 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 646481

Ion	Ratio	Lower	Upper
154	100		
153	42.0	32.6	48.8
76	10.6	8.5	12.7

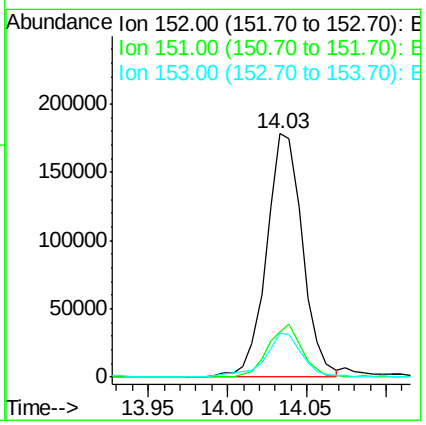


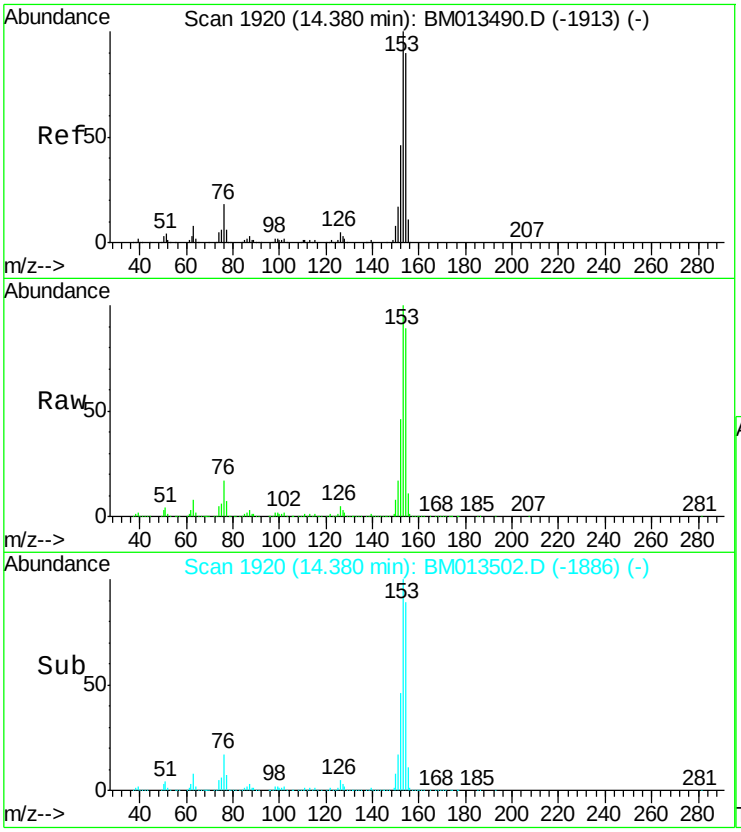


#47
Acenaphthylene
Concen: 5.246 ng/ul
RT: 14.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:152 Resp: 283346

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.3	24.5
153	17.9	10.2	15.4#



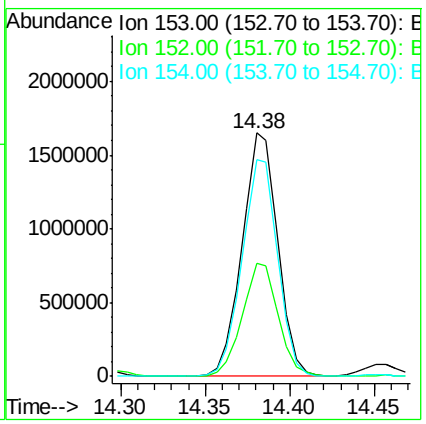


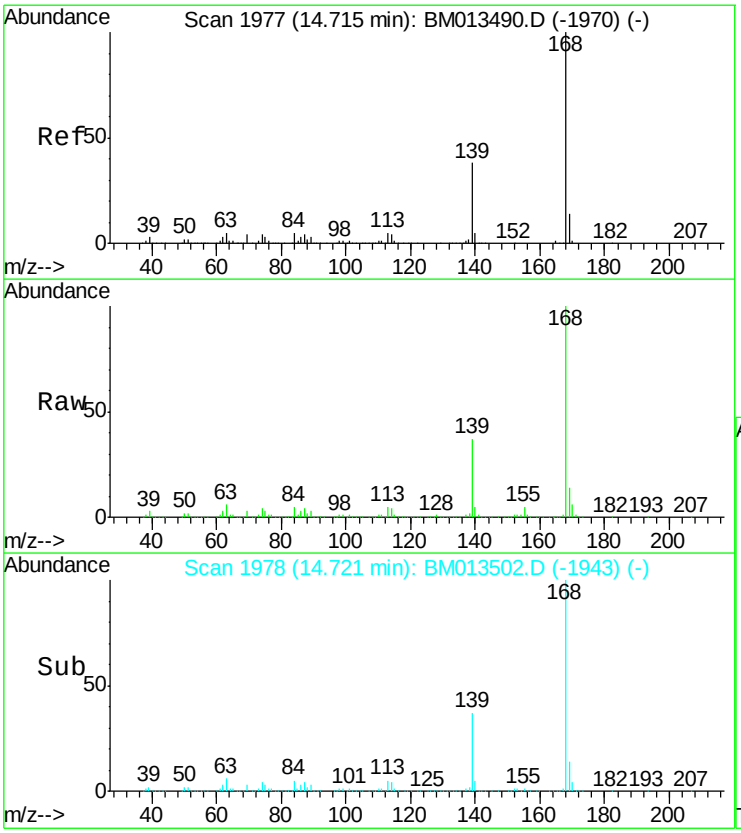
#49
Acenaphthene
Concen: 65.773 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 2419790

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.6	56.4
154	88.9	70.4	105.6

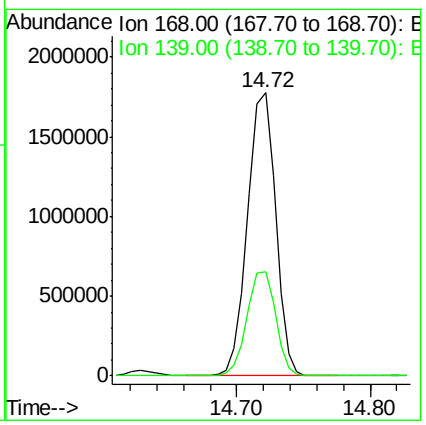


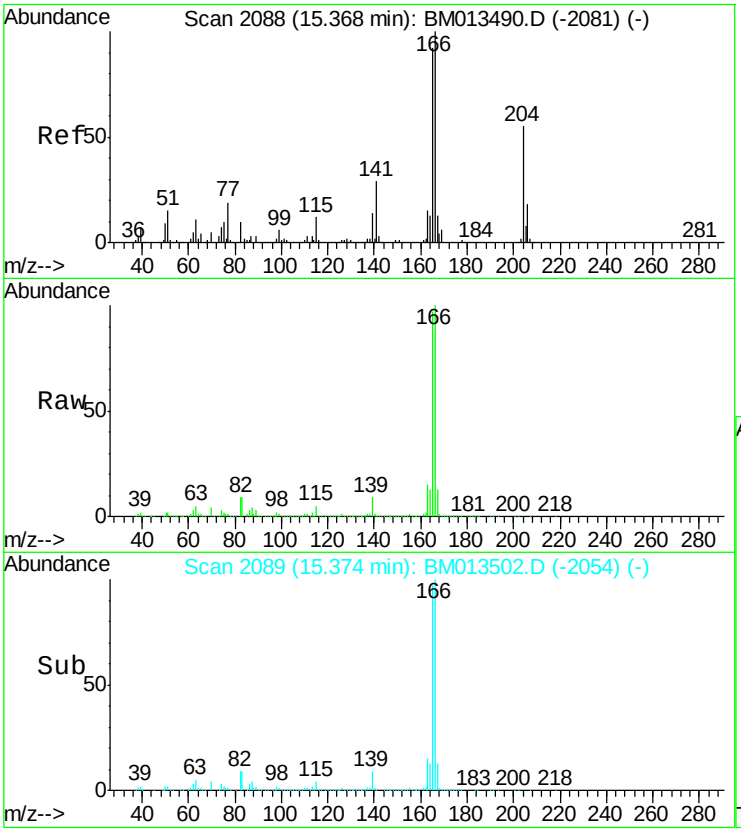


#53
Dibenzofuran
Concen: 47.484 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:168 Resp: 2578975

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.8	46.2



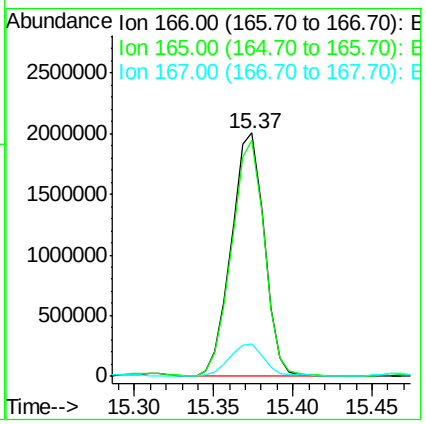


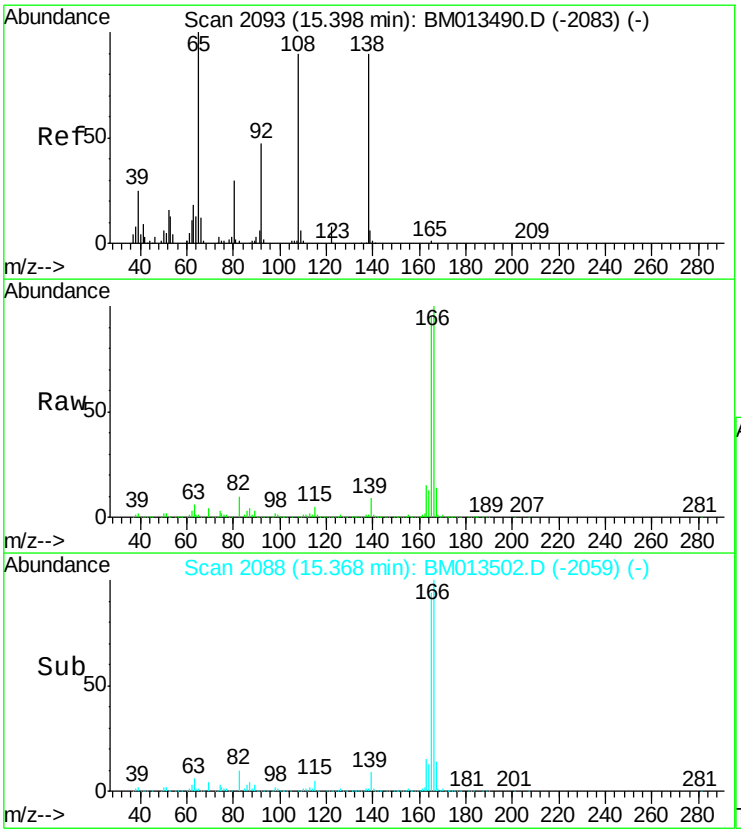
#58
Fluorene
Concen: 64.060 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2878258

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.9	116.9
167	13.4	10.6	16.0

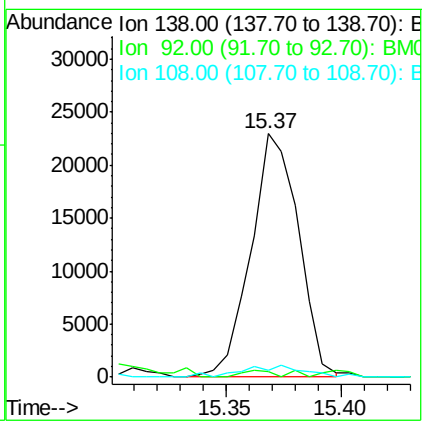


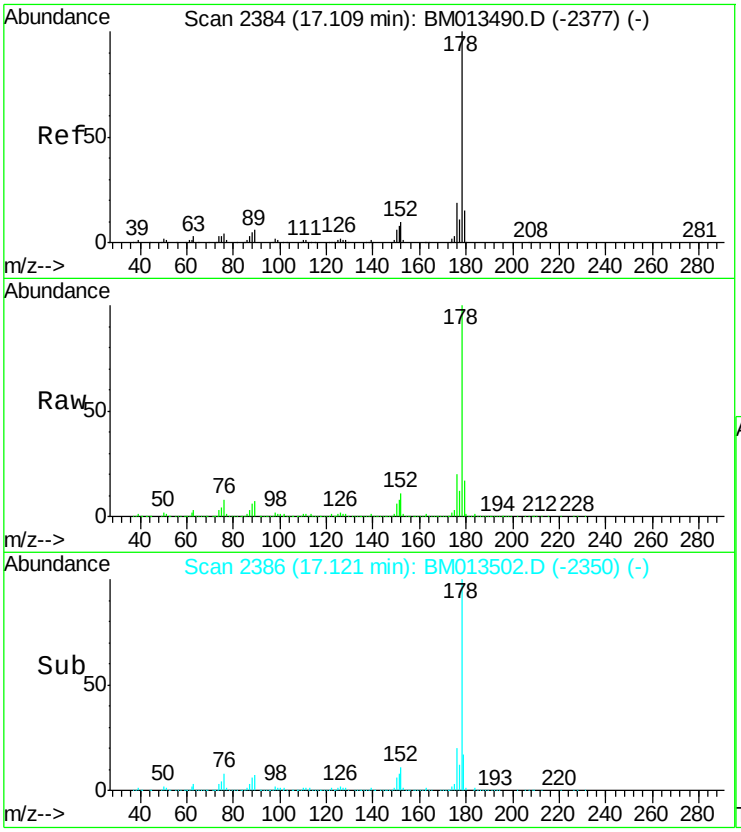


#60
4-Nitroaniline
Concen: 3.387 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.03 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:138 Resp: 32954

Ion	Ratio	Lower	Upper
138	100		
92	2.4	40.0	60.0#
108	2.7	80.0	120.0#



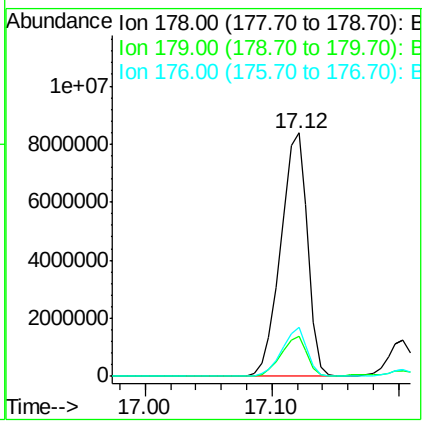


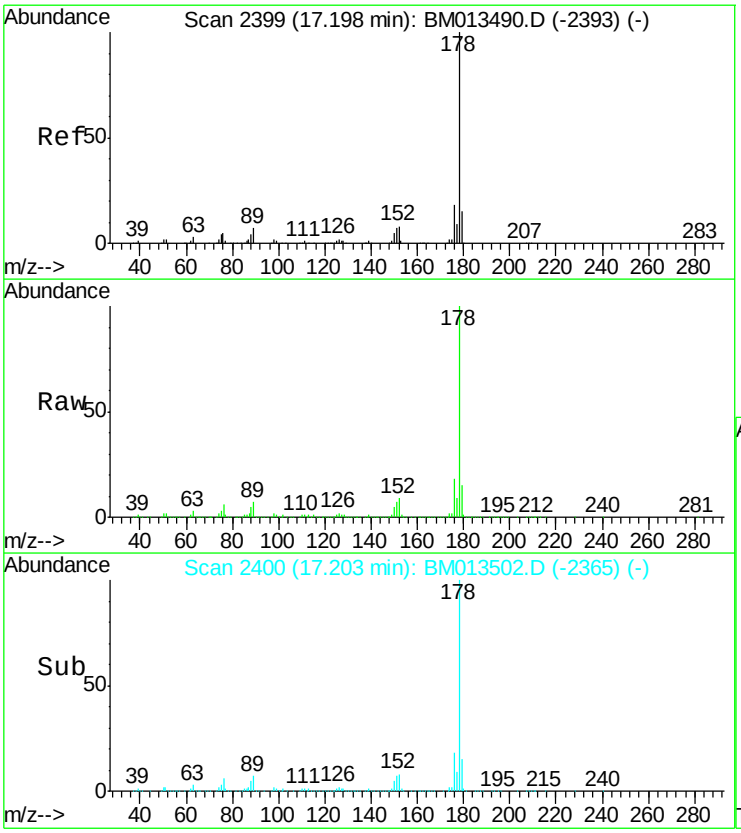
#69
Phenanthrene
Concen: 195.820 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:12364783

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	19.0
176	20.0	14.9	22.3

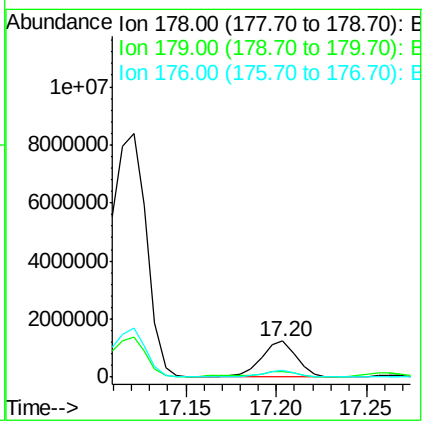


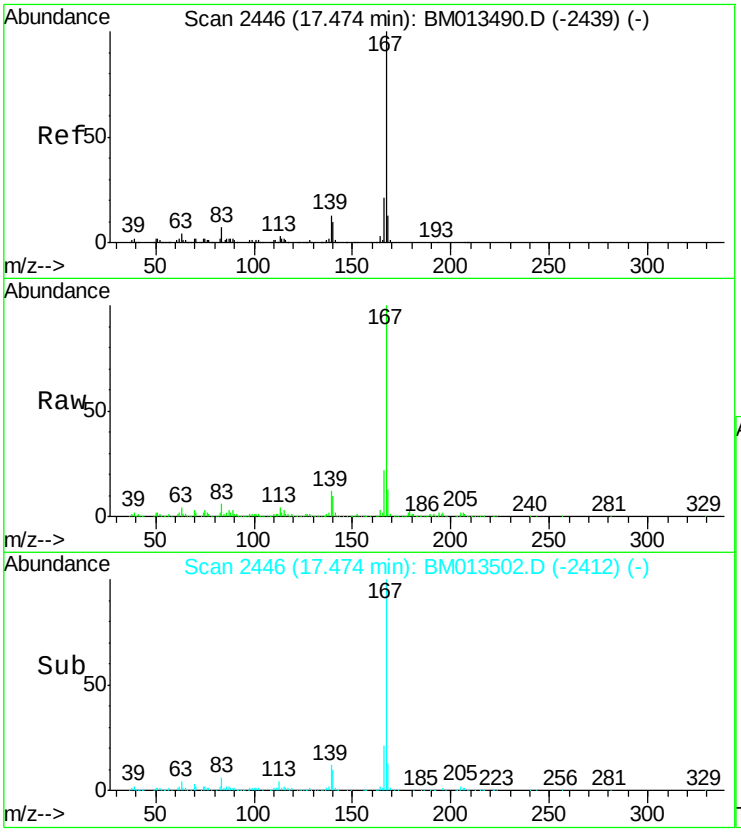


#71
Anthracene
Concen: 25.493 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:178 Resp: 1645414

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	17.8	14.6	21.8



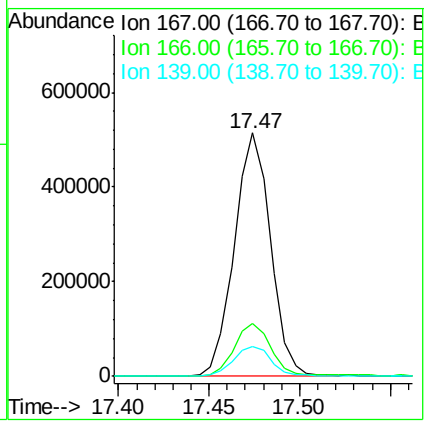


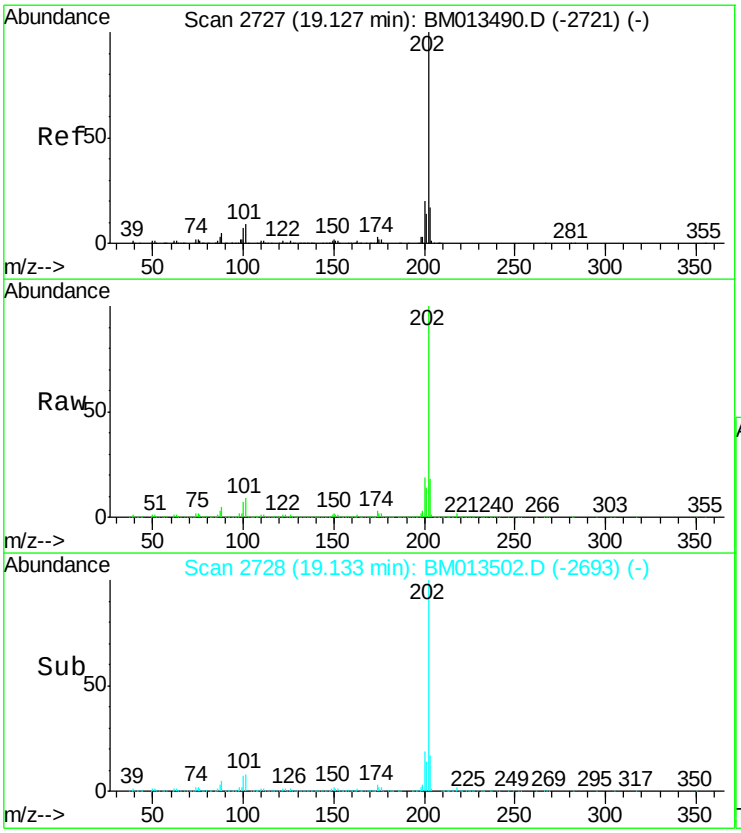
#72
Carbazole
Concen: 12.810 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 711184

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	12.5	10.0	15.0

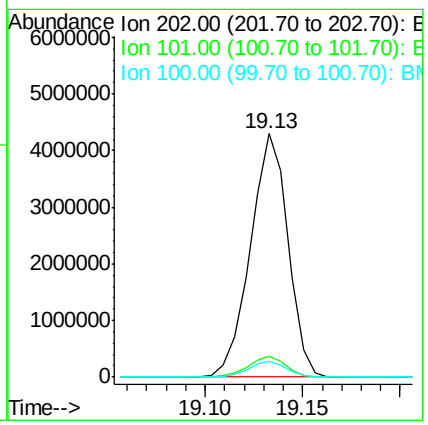


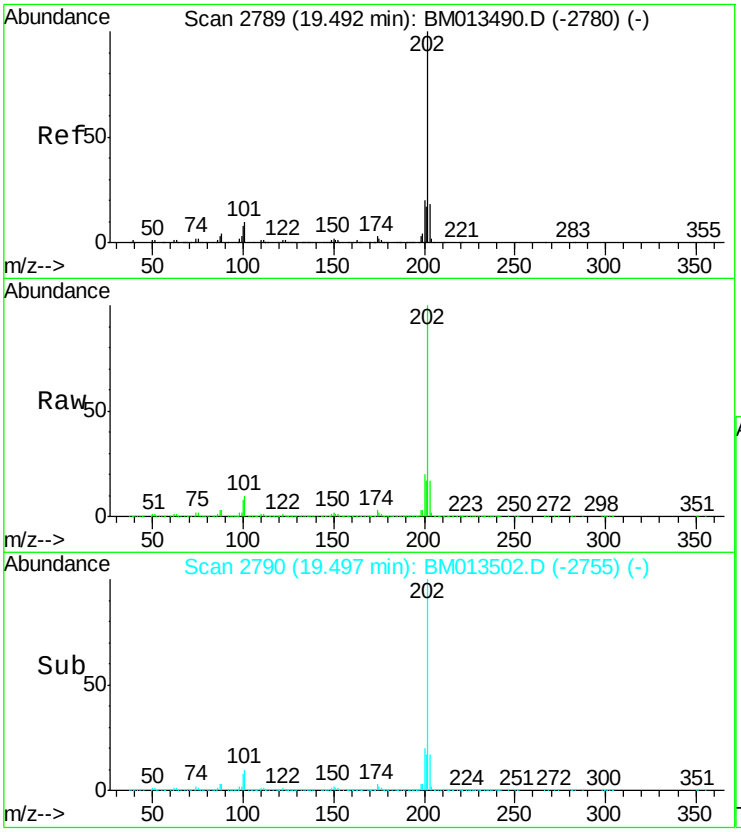


#74
Fluoranthene
Concen: 73.936 ng/ul
RT: 19.13 min Scan# 2728
Delta R.T. 0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:202 Resp: 5721260

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.6	3.4	5.2#



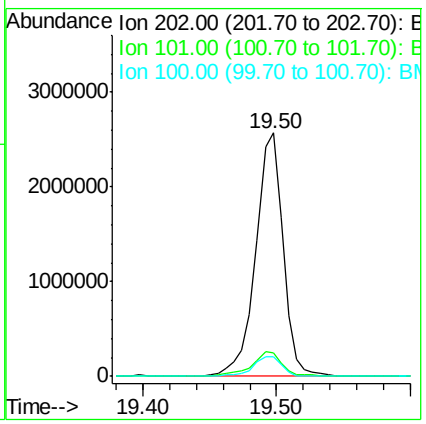


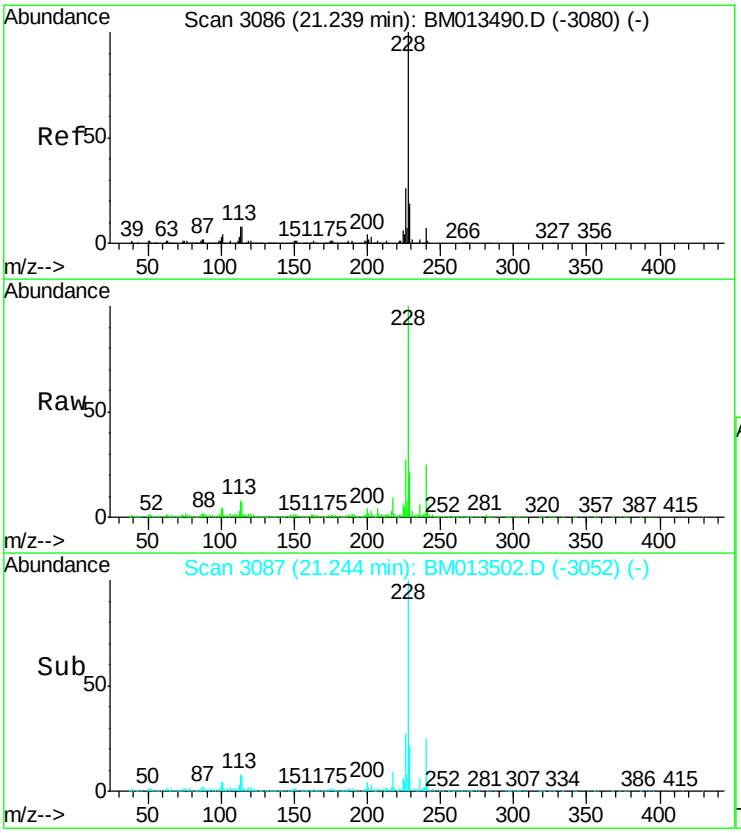
#77
Pyrene
Concen: 65.710 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3622872

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.1	4.9	7.3#

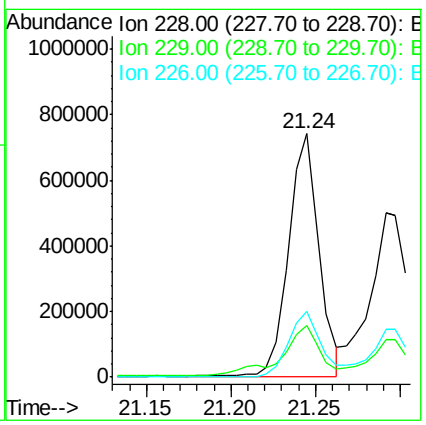


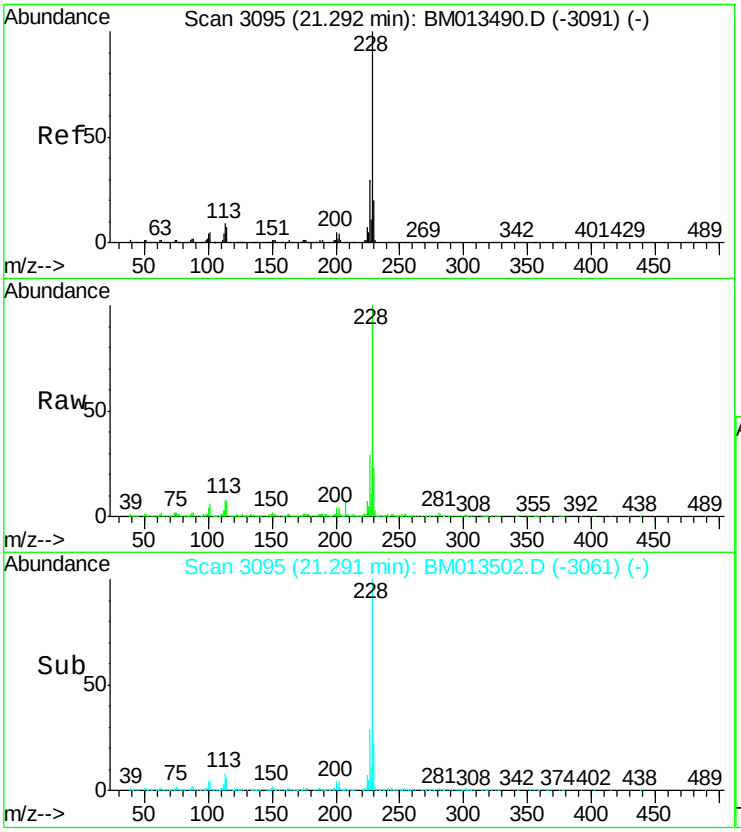


#80
Benzo(a)anthracene
Concen: 15.996 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:228 Resp: 921048

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	26.9	21.4	32.0



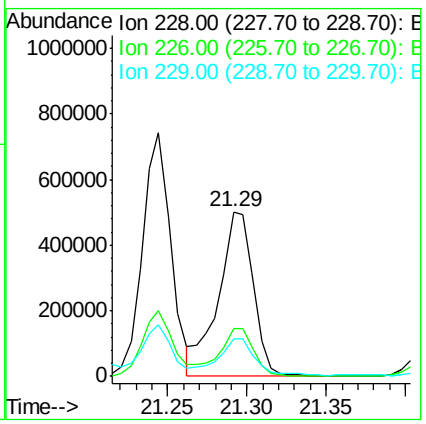


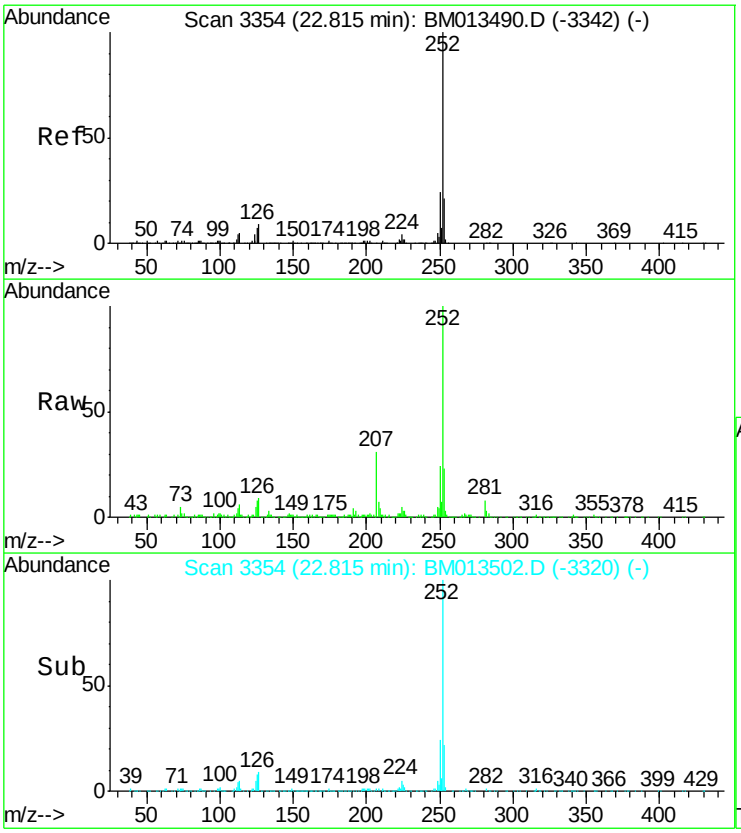
#82
Chrysene
Concen: 14.198 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 758461

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	22.5	15.5	23.3

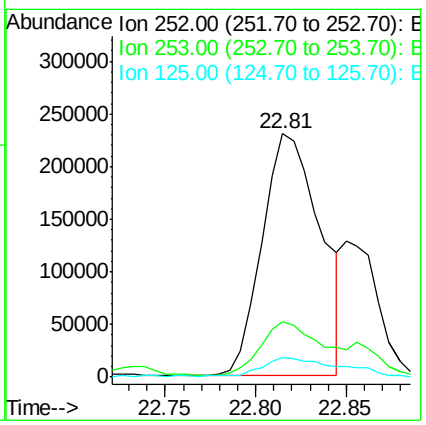


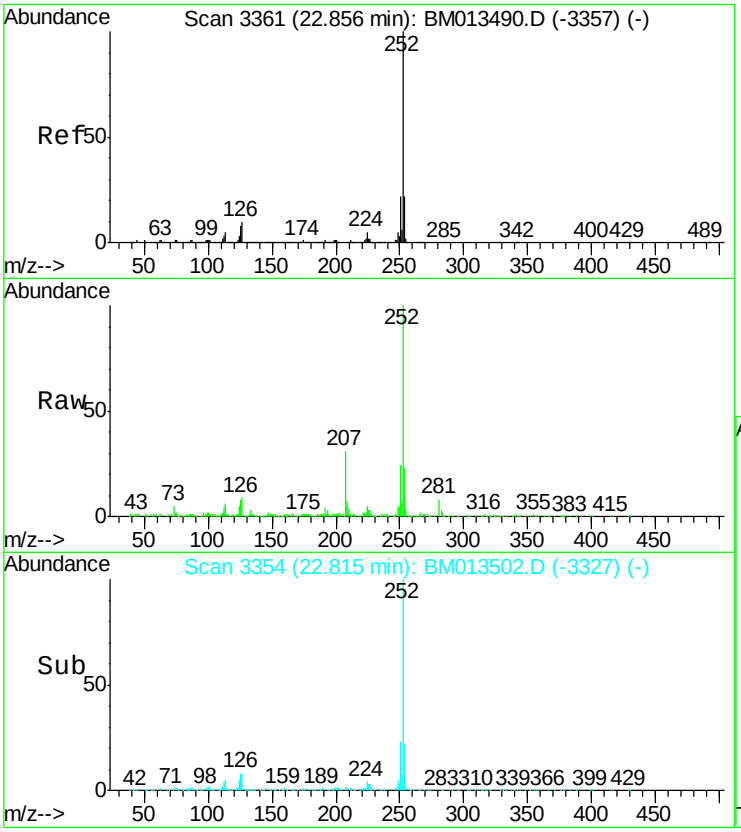


#85
Benzo(b)fluoranthene
Concen: 9.964 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:252 Resp: 515909

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	8.1	3.6	5.4#



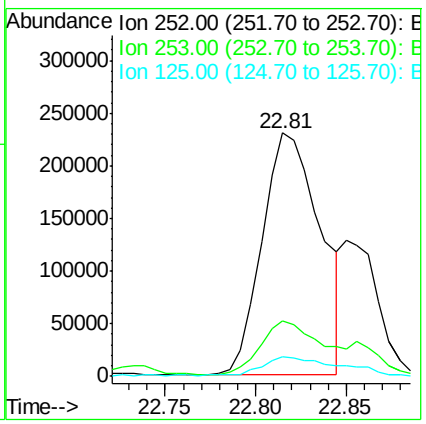


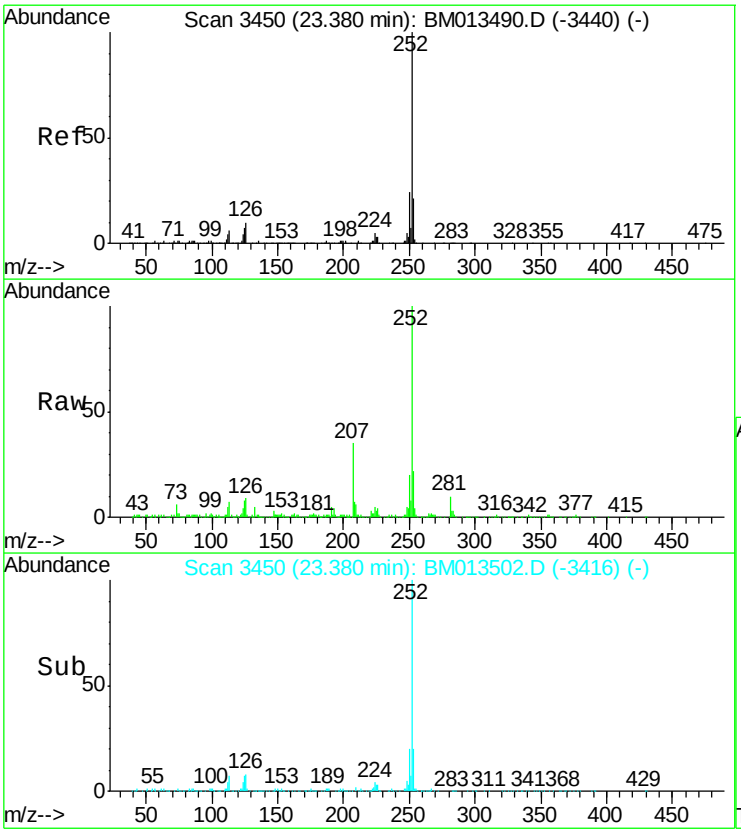
#86
Benzo(k)fluoranthene
Concen: 10.588 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 515909

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	8.1	3.4	5.2#

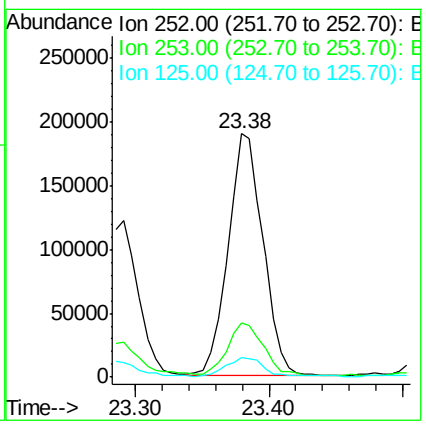


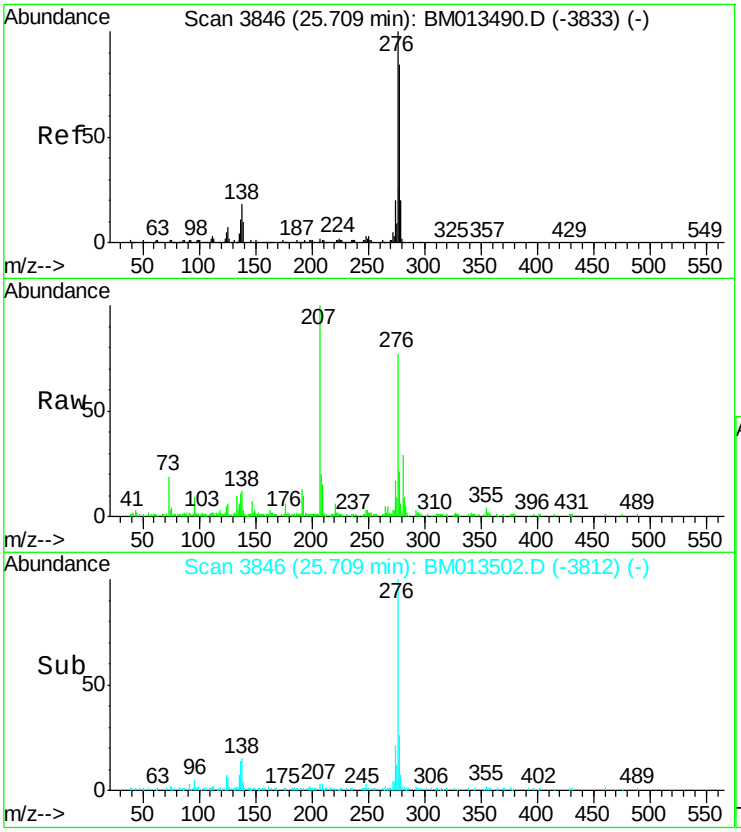


#88
Benzo(a)pyrene
Concen: 7.423 ng/ul
RT: 23.38 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:252 Resp: 345231

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.9	4.0	6.0#



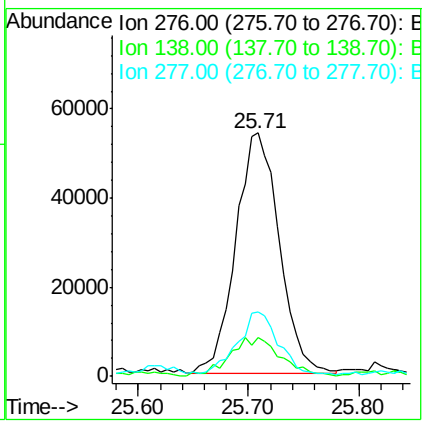


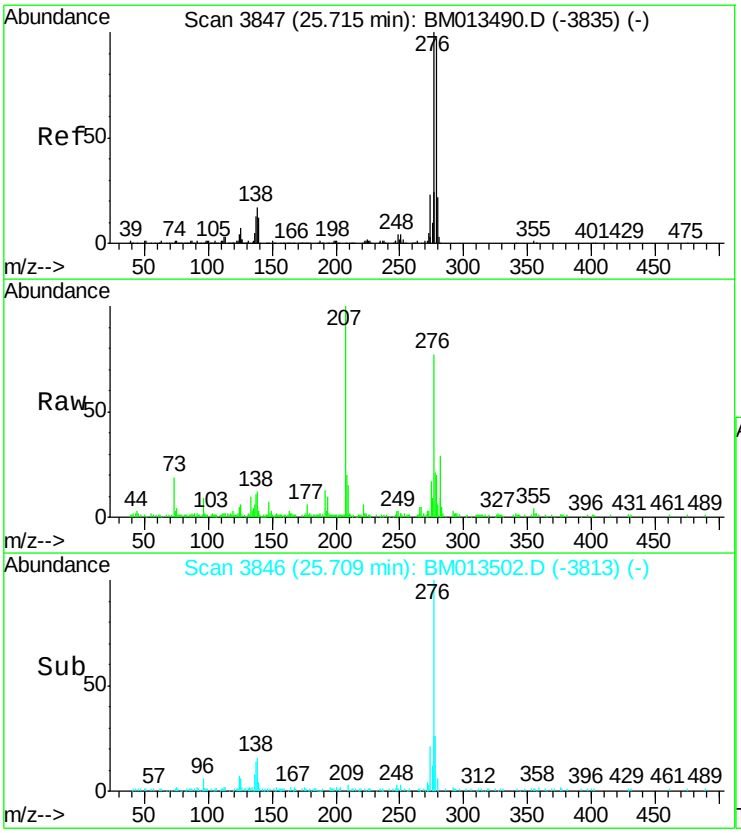
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.233 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.00 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 149193

Ion	Ratio	Lower	Upper
276	100		
138	16.0	9.3	13.9#
277	26.6	19.9	29.9

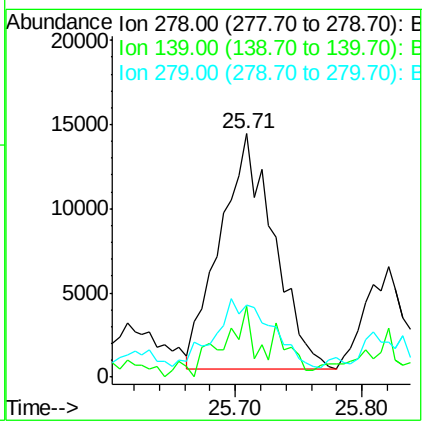


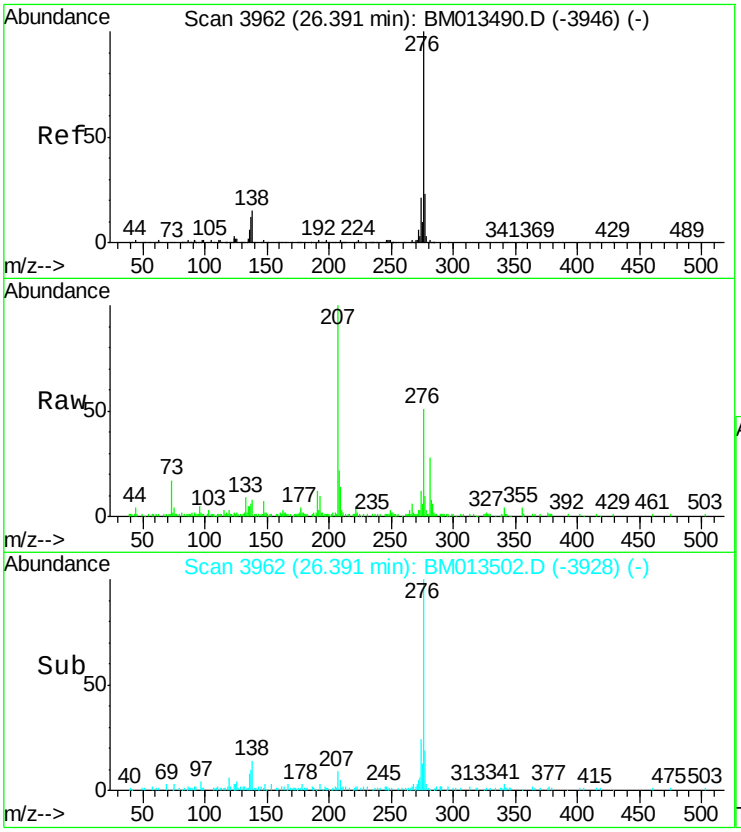


#90
Dibenzo(a,h)anthracene
Concen: 1.043 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Tgt Ion:278 Resp: 41000

Ion	Ratio	Lower	Upper
278	100		
139	28.9	5.8	8.8#
279	29.5	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 3.049 ng/ul
RT: 26.39 min Scan# 3962
Delta R.T. -0.00 min
Lab File: BM013502.D
Acq: 18 Dec 2017 17:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 110989

Ion	Ratio	Lower	Upper
276	100		
138	16.2	8.5	12.7#
277	19.0	18.6	28.0