Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 27 03:24:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	149364	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	657357	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	372188	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	746474	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	522093	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	472250	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	9762	2.80	ng/uL	0.00
5) Phenol-d5	6.73	99	193471	15.33	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.88	67	121740	15.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	161535	16.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	154002	13.94	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	84482	17.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	94251	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	174028	16.71	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	50244	4.90	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	626241	20.38	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	739865	19.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	51396	12.11	ng/ul	0.02
57) Fluorene-d10	15.19	176	521295	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	26290	5.87	ng/ul	0.01
70) Anthracene-d10	17.04	188	754826	20.96	ng/ul	0.00
76) Pyrene-d10	19.35	212	702917	26.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	480608	20.91	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.69	77	18252	3.546	ng/ul	93
6) Phenol	6.76	94	40276	3.040	ng/ul	97
14) Acetophenone	8.36	105	103444	5.428	ng/ul	93
28) Naphthalene	10.35	128	48111	1.425	ng/ul	98
44) Dimethylphthalate	13.65	163	143189	4.724	ng/ul	99
47) Acenaphthylene	13.90	152	68624	1.916	ng/ul#	93
49) Acenaphthene	14.25	153	34198	1.356	ng/ul	93
58) Fluorene	15.24	166	48995	1.501	ng/ul#	96
69) Phenanthrene	16.99	178	1106101	25.718	ng/ul	99
71) Anthracene	17.07	178	213397	4.934	ng/ul	97
72) Carbazole	17.36	167	83229	2.288	ng/ul	95
73) Di-n-butylphthalate	17.92	149	57616	1.228	ng/ul#	92
74) Fluoranthene	19.02	202	1864535	36.286	ng/ul#	93
77) Pyrene	19.38	202	1582969	45.623	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	745227	22.871	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	230278	11.208	ng/ul#	98
82) Chrysene	21.19	228	656891	21.611	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	902441	28.539	ng/ul#	96
86) Benzo(k)fluoranthene	22.69	252	902441	30.017	ng/ul#	94
88) Benzo(a)pyrene	23.24	252	581999	20.597	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	408238	14.889	ng/ul	98
90) Dibenzo(a,h)anthracene	25.48	278	105651	4.637	ng/ul#	74
91) Benzo(g,h,i)perylene	26.15	276	319771	14.396	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 03:24:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

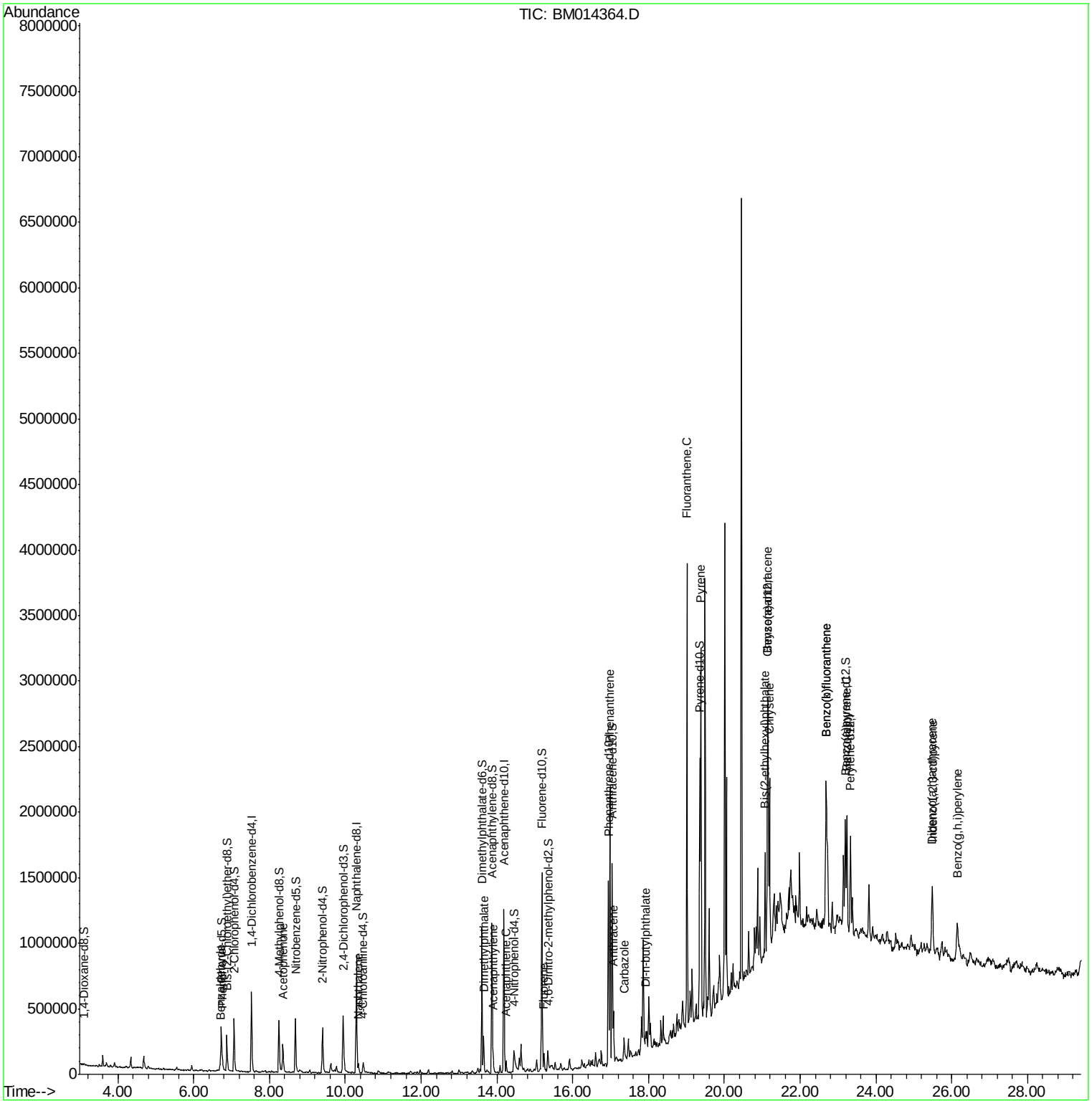
(#) = qualifier out of range (m) = manual integration (+) = signals summed

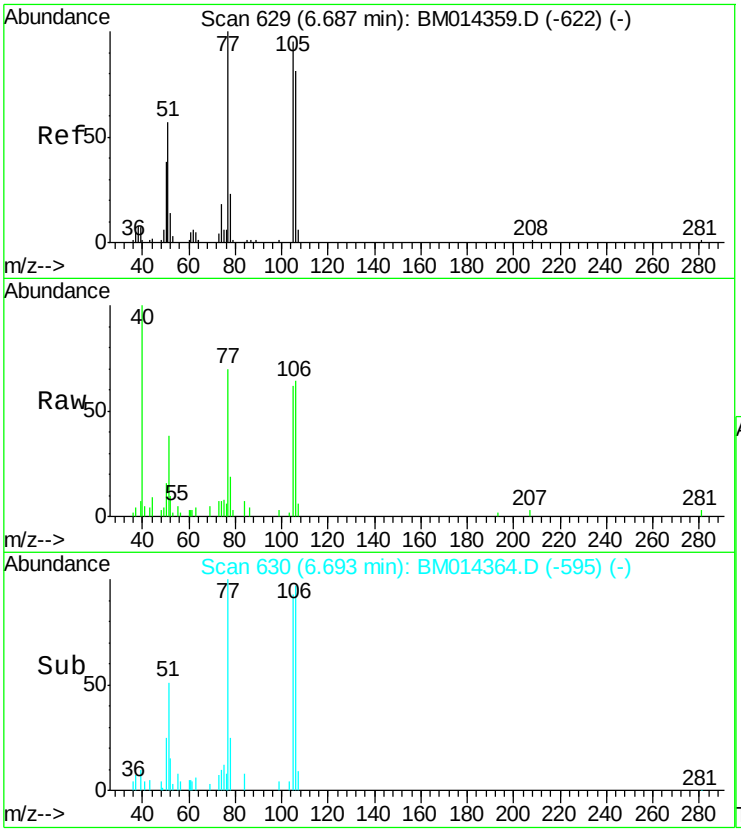
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014364.D
Acq On : 26 Feb 2018 19:48
Operator : SJ/JU
Sample : J1631-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 03:24:11 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



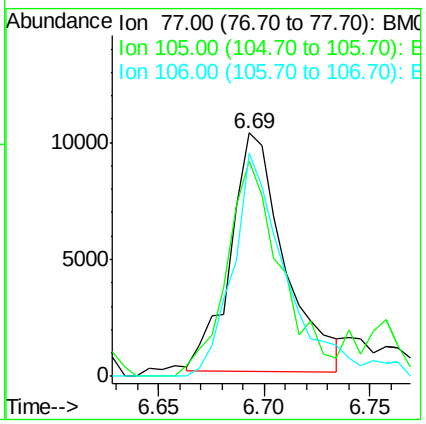


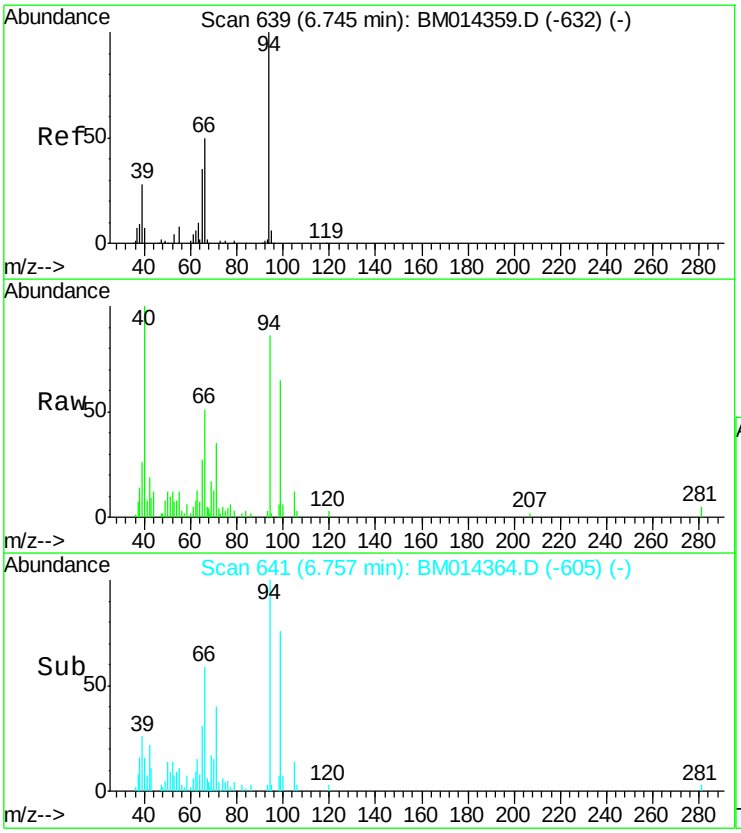
#4
Benzaldehyde
Concen: 3.546 ng/ul
RT: 6.69 min Scan# 630
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 18252

Ion	Ratio	Lower	Upper
77	100		
105	88.4	66.1	99.1
106	91.9	67.8	101.6

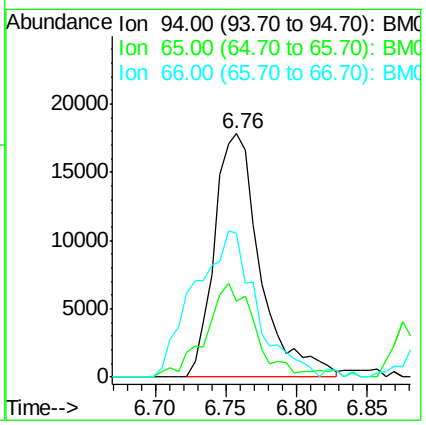


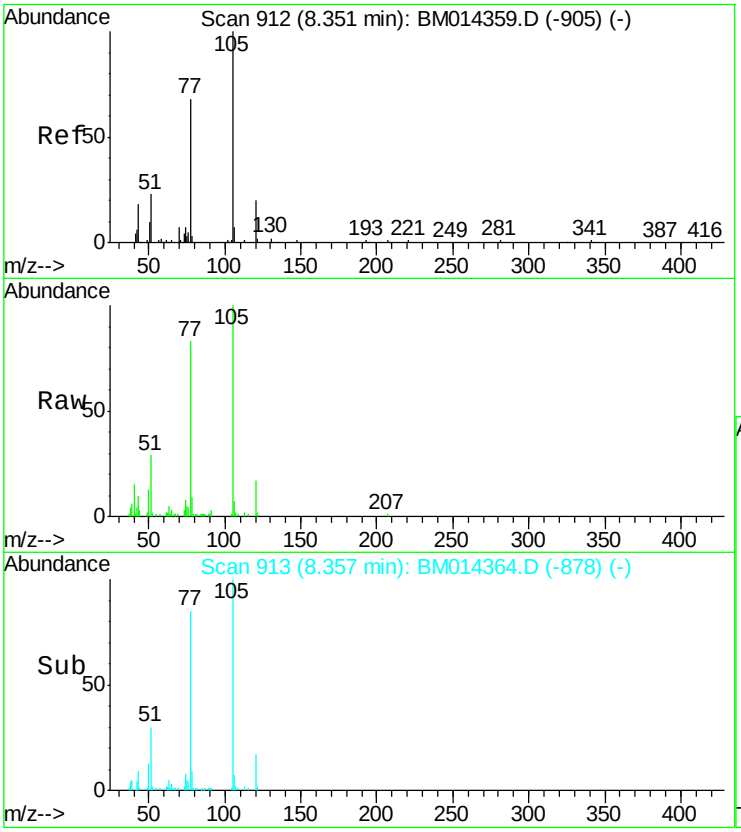


#6
Phenol
Concen: 3.040 ng/ul
RT: 6.76 min Scan# 641
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion: 94 Resp: 40276

Ion	Ratio	Lower	Upper
94	100		
65	31.0	28.2	42.4
66	59.3	47.2	70.8



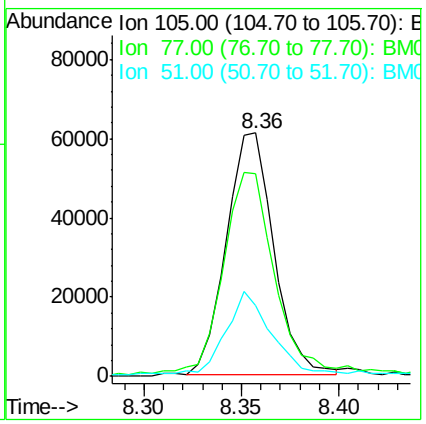


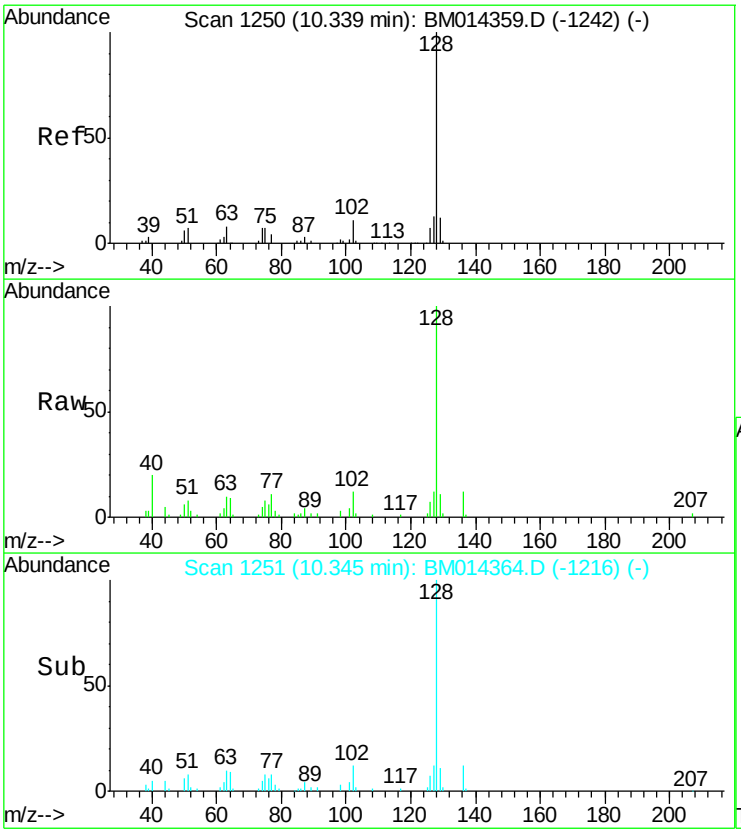
#14
Acetophenone
Concen: 5.428 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 103444

Ion	Ratio	Lower	Upper
105	100		
77	83.4	74.2	111.4
51	29.3	23.4	35.2

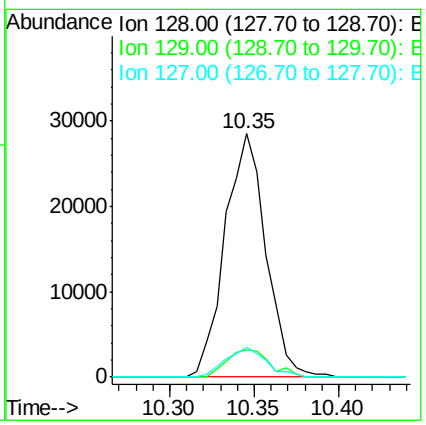


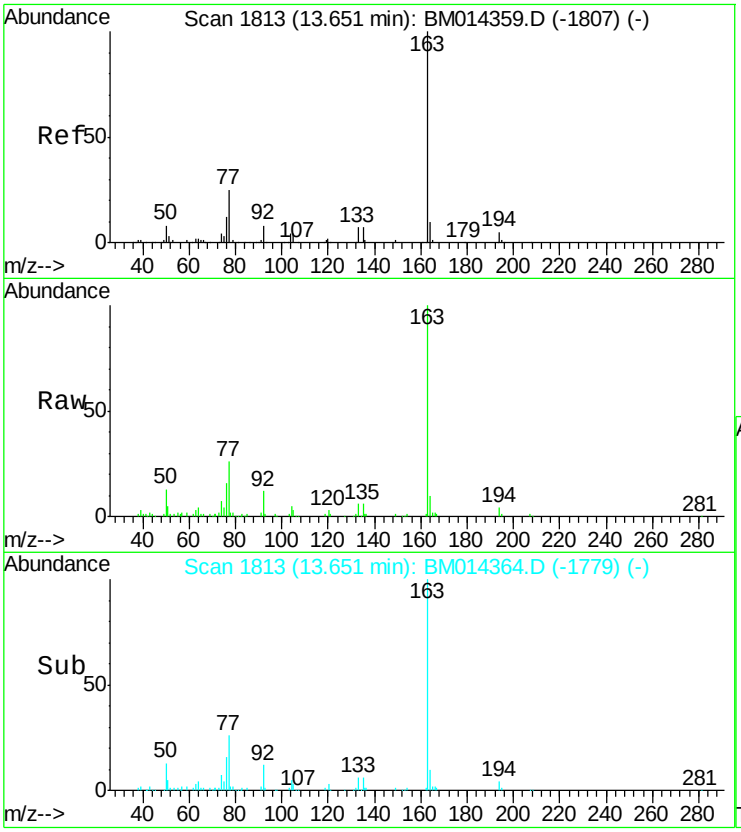


#28
Naphthalene
Concen: 1.425 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:128 Resp: 48111

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	12.3	10.6	16.0



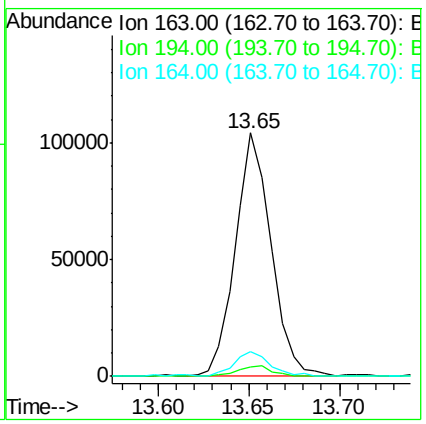


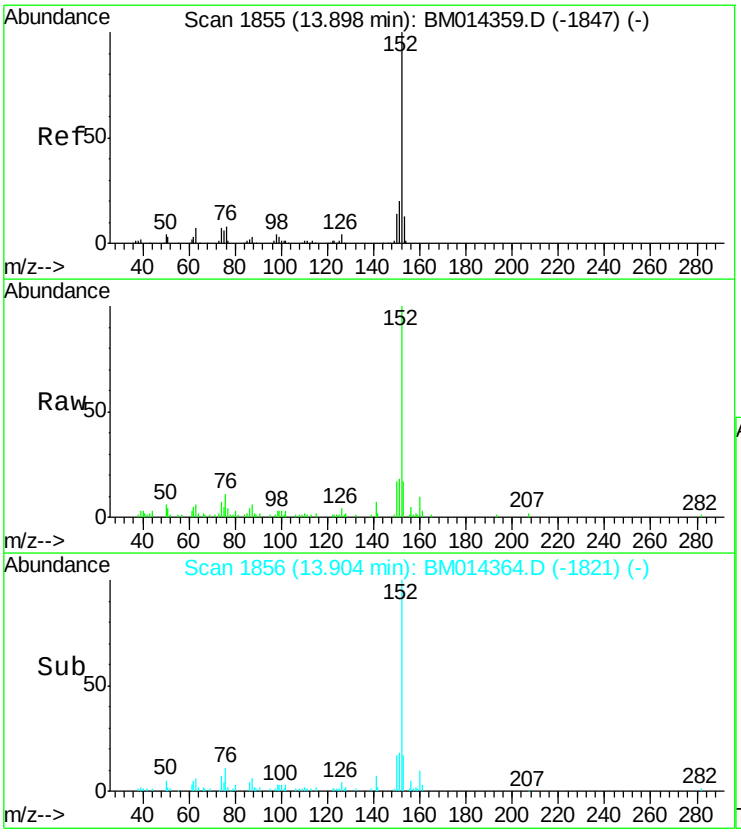
#44
Dimethylphthalate
Concen: 4.724 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 143189

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.0	8.2	12.4

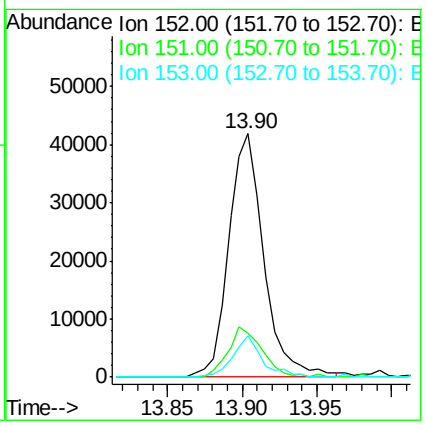


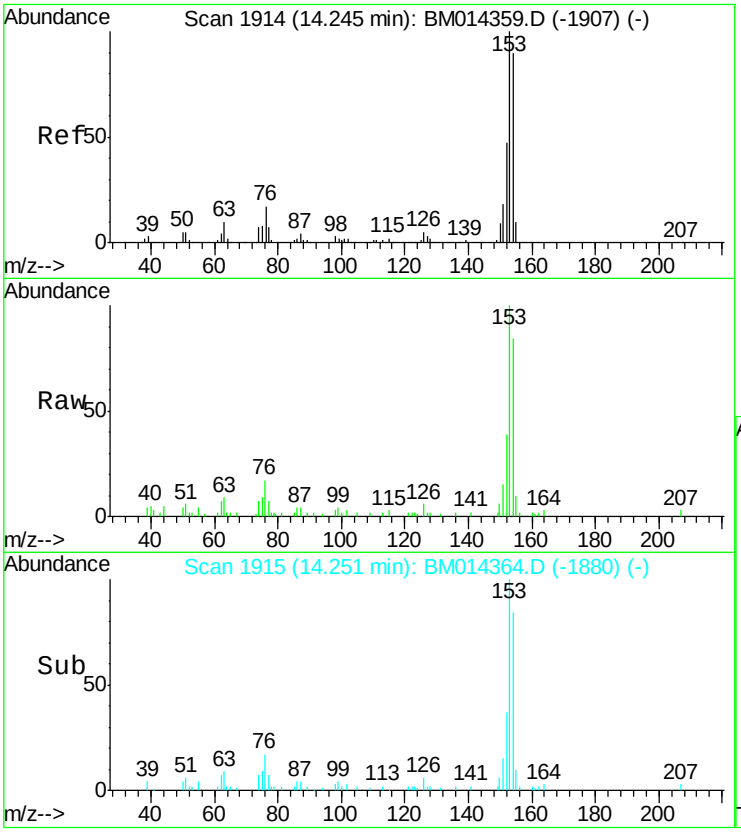


#47
Acenaphthylene
Concen: 1.916 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:152 Resp: 68624

Ion	Ratio	Lower	Upper
152	100		
151	18.2	16.3	24.5
153	17.1	10.2	15.4#



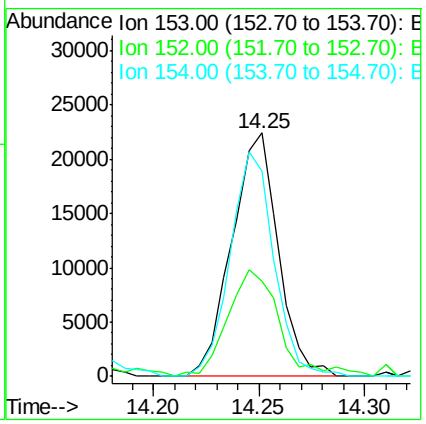


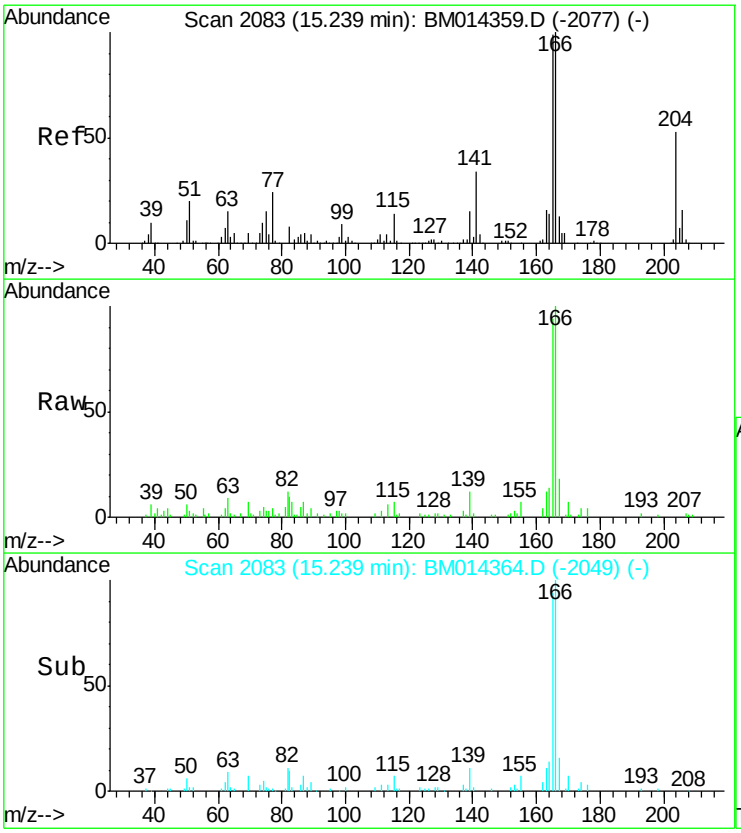
#49
Acenaphthene
Concen: 1.356 ng/ul
RT: 14.25 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 34198

Ion	Ratio	Lower	Upper
153	100		
152	38.8	37.6	56.4
154	84.1	70.4	105.6

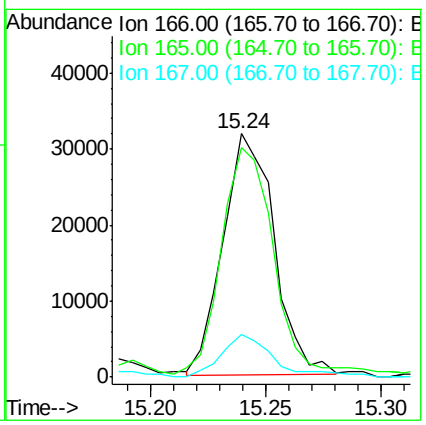


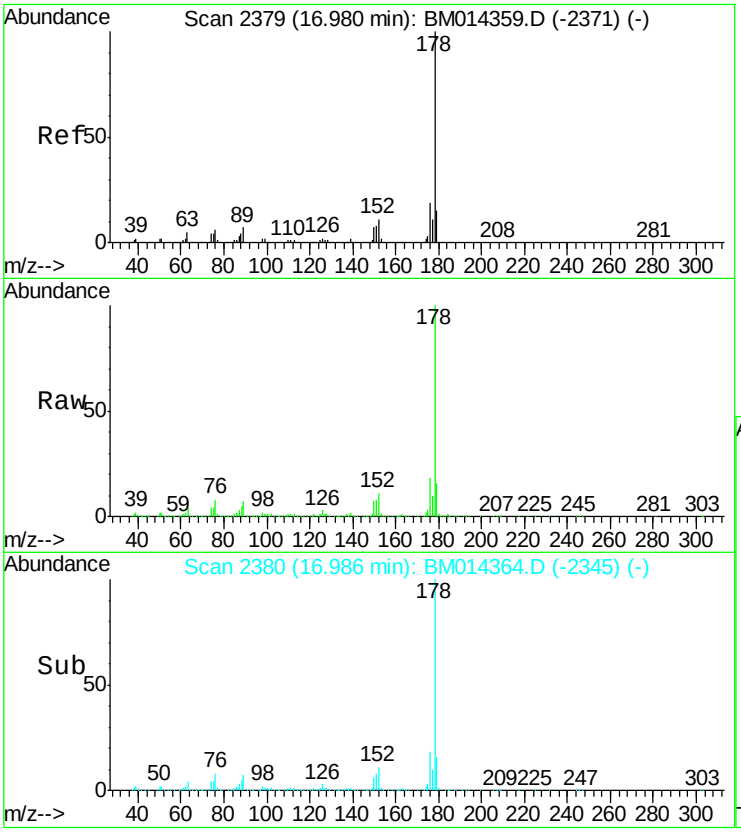


#58
Fluorene
Concen: 1.501 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:166 Resp: 48995

Ion	Ratio	Lower	Upper
166	100		
165	94.3	77.9	116.9
167	17.6	10.6	16.0#



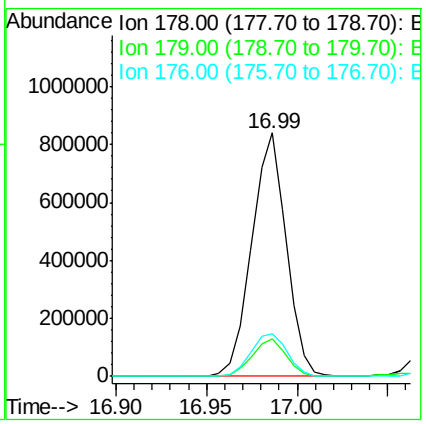


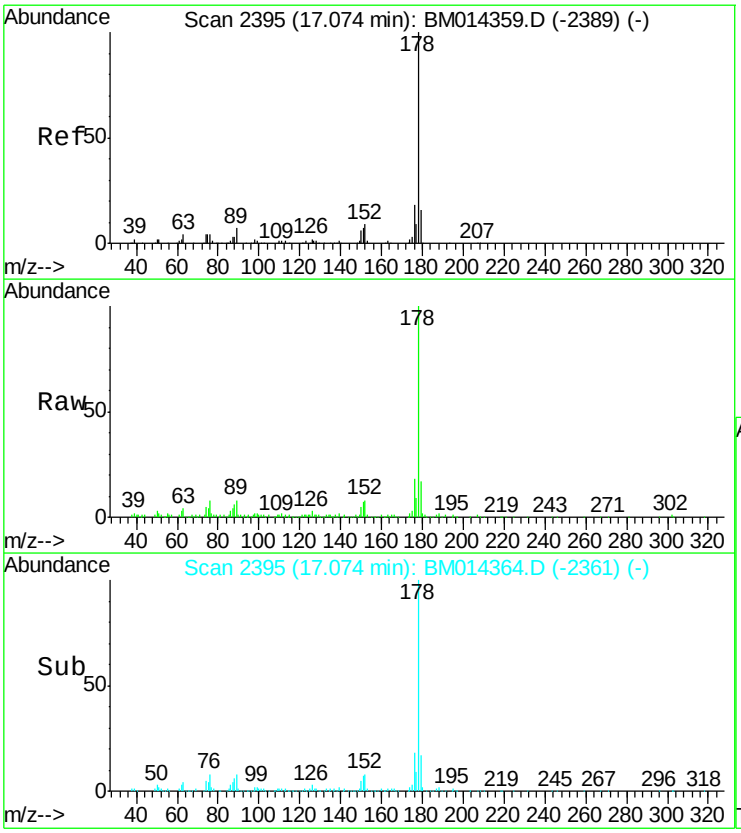
#69
Phenanthrene
Concen: 25.718 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1106101

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	17.7	14.9	22.3

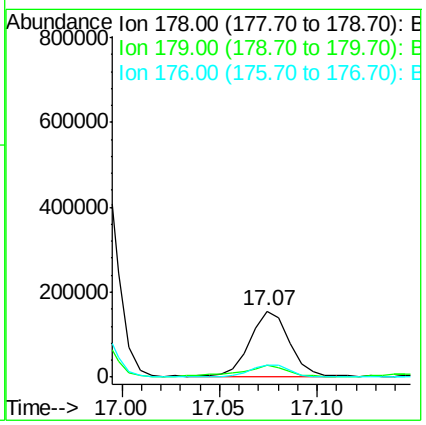


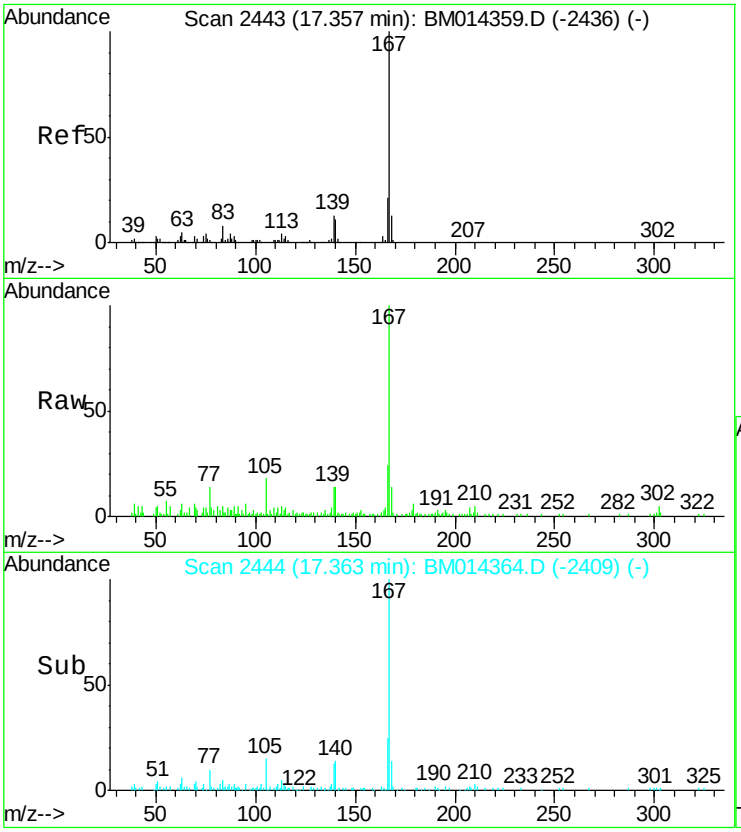


#71
Anthracene
Concen: 4.934 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:178 Resp: 213397

Ion	Ratio	Lower	Upper
178	100		
179	17.2	11.7	17.5
176	18.4	14.6	21.8



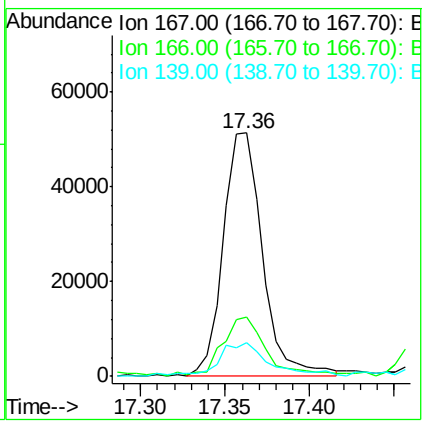


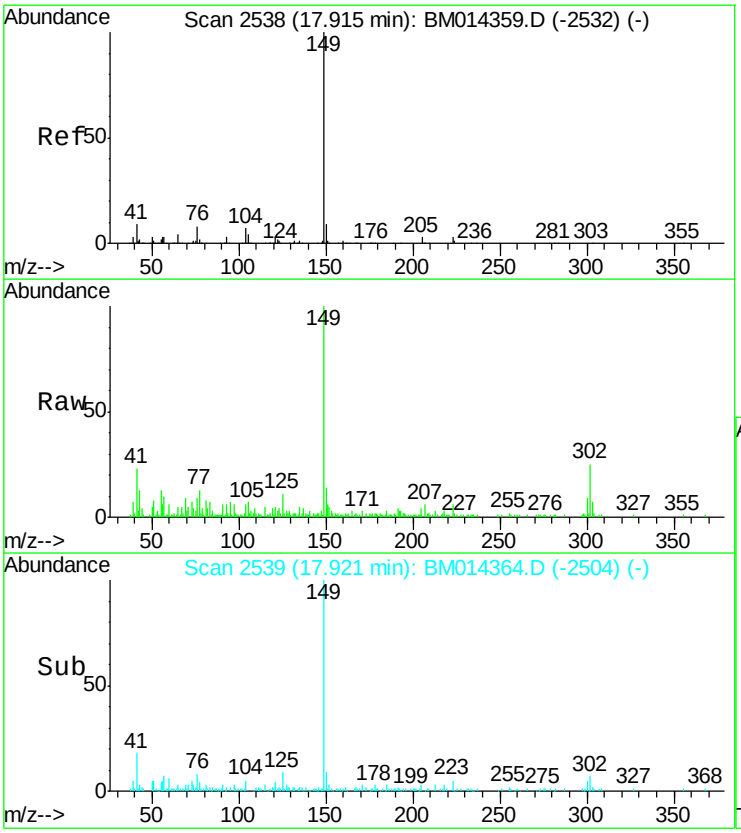
#72
Carbazole
Concen: 2.288 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 83229

Ion	Ratio	Lower	Upper
167	100		
166	24.5	17.1	25.7
139	13.8	10.0	15.0

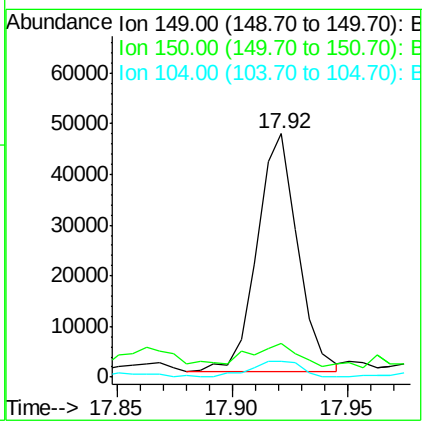


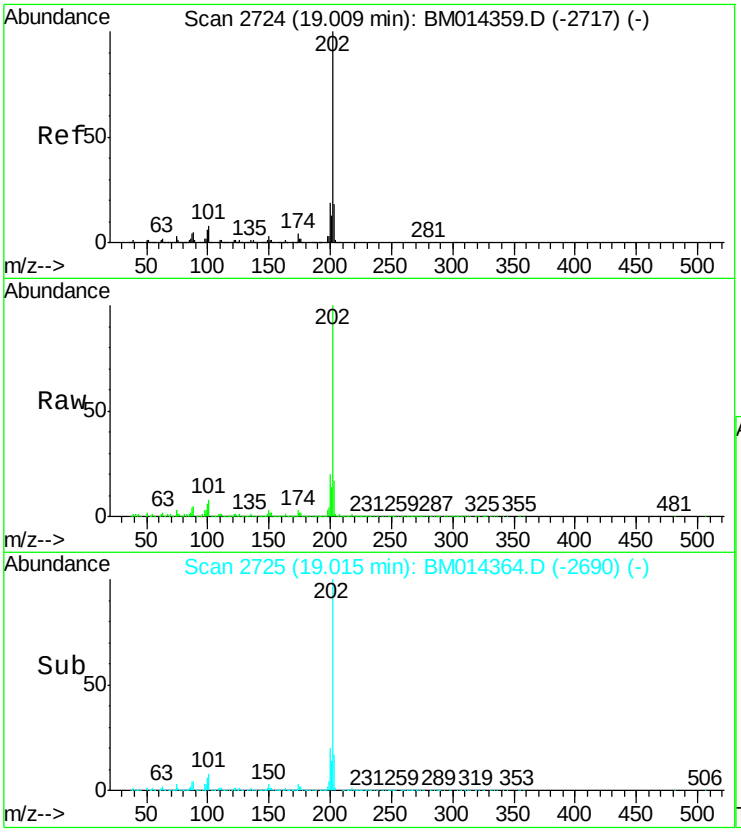


#73
Di-n-butylphthalate
Concen: 1.228 ng/ul
RT: 17.92 min Scan# 2539
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:149 Resp: 57616

Ion	Ratio	Lower	Upper
149	100		
150	13.8	7.1	10.7#
104	6.5	5.6	8.4



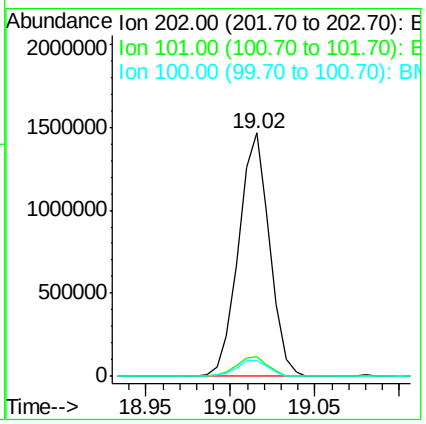


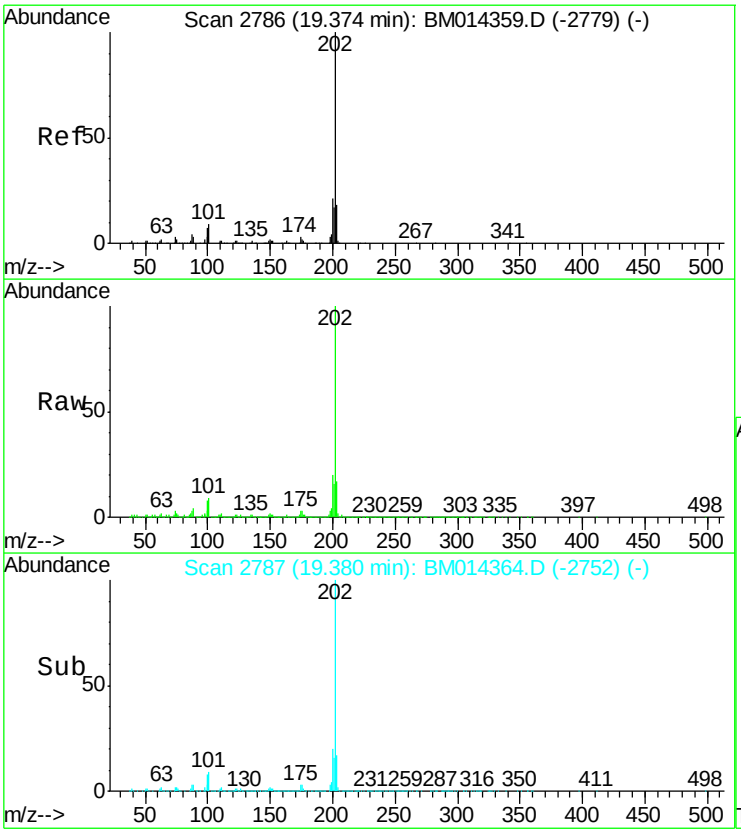
#74
Fluoranthene
Concen: 36.286 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1864535

Ion	Ratio	Lower	Upper
202	100		
101	8.2	4.6	7.0#
100	6.4	3.4	5.2#

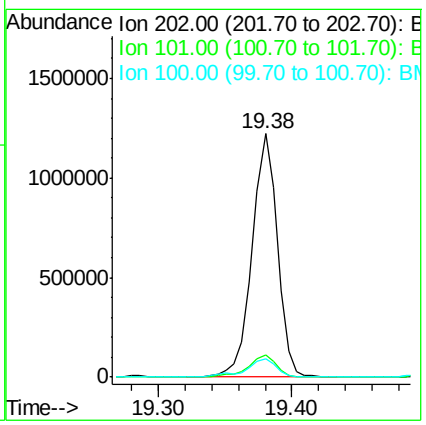


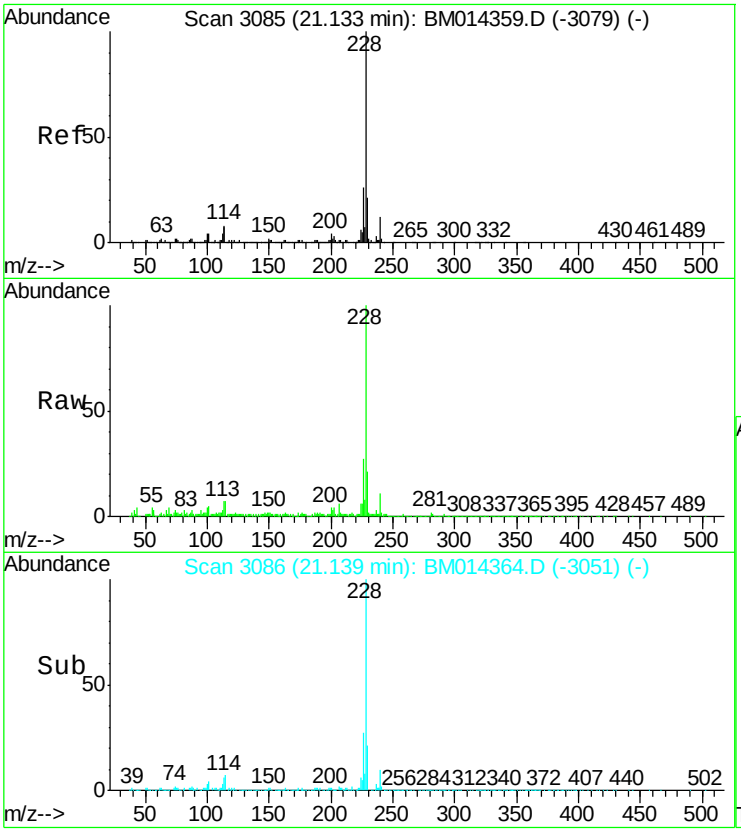


#77
Pyrene
Concen: 45.623 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:202 Resp: 1582969

Ion	Ratio	Lower	Upper
202	100		
101	8.9	5.1	7.7#
100	7.7	4.9	7.3#



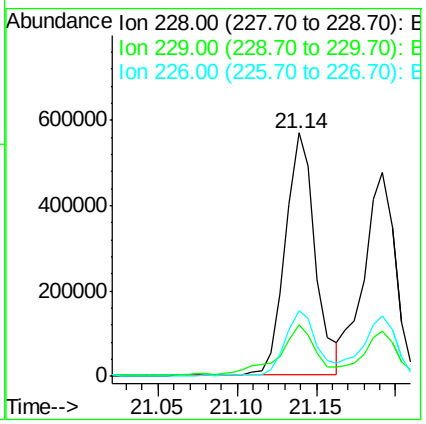


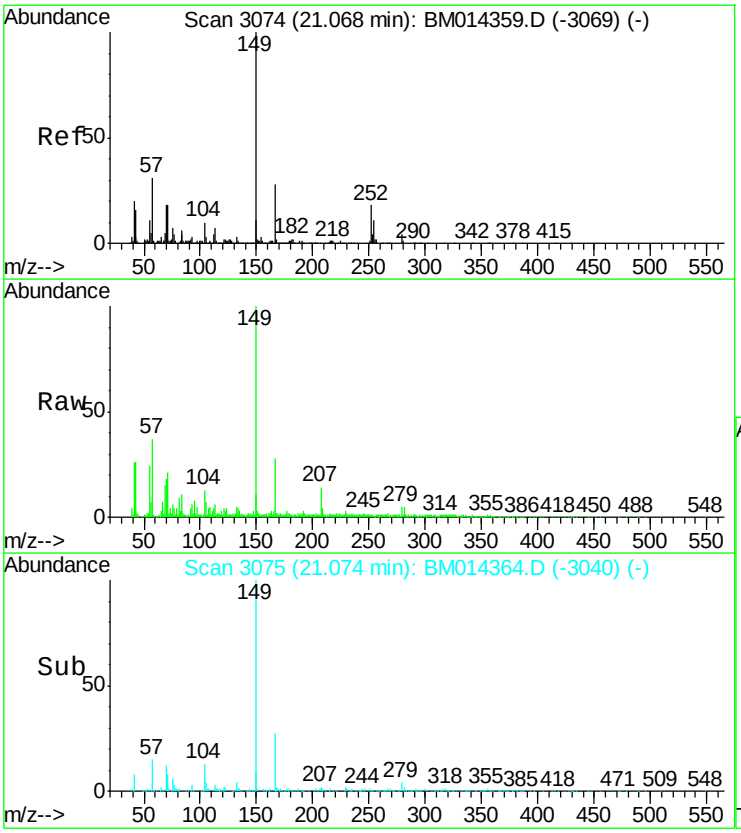
#80
Benzo(a)anthracene
Concen: 22.871 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 745227

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	27.0	21.4	32.0

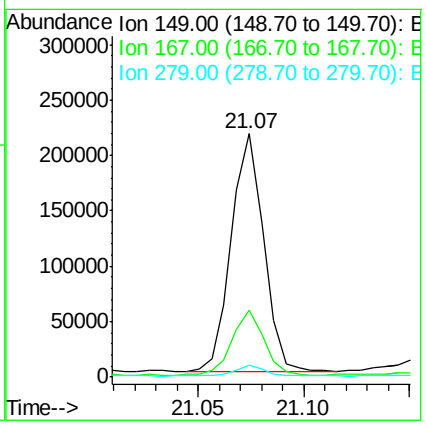


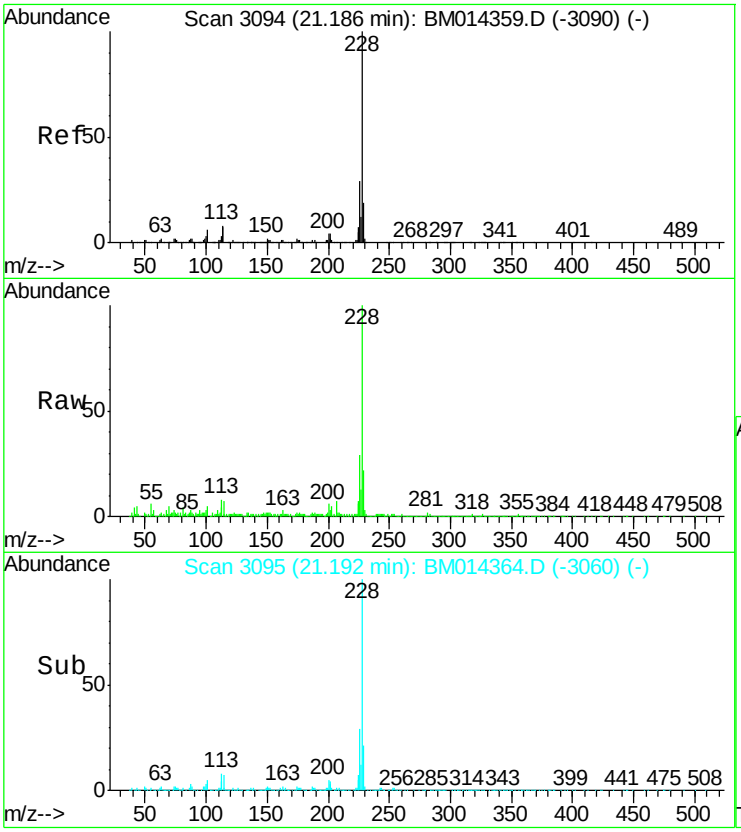


#81
Bis(2-ethylhexyl)phthalate
Concen: 11.208 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:149 Resp: 230278

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.8	34.2
279	4.7	4.9	7.3#



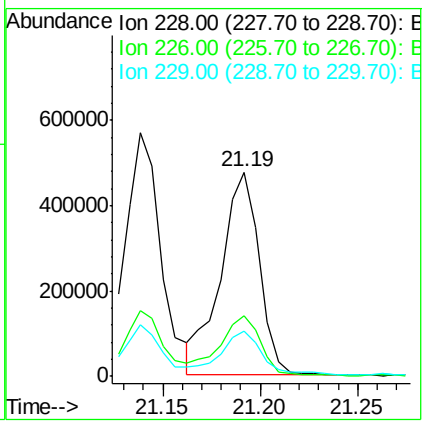


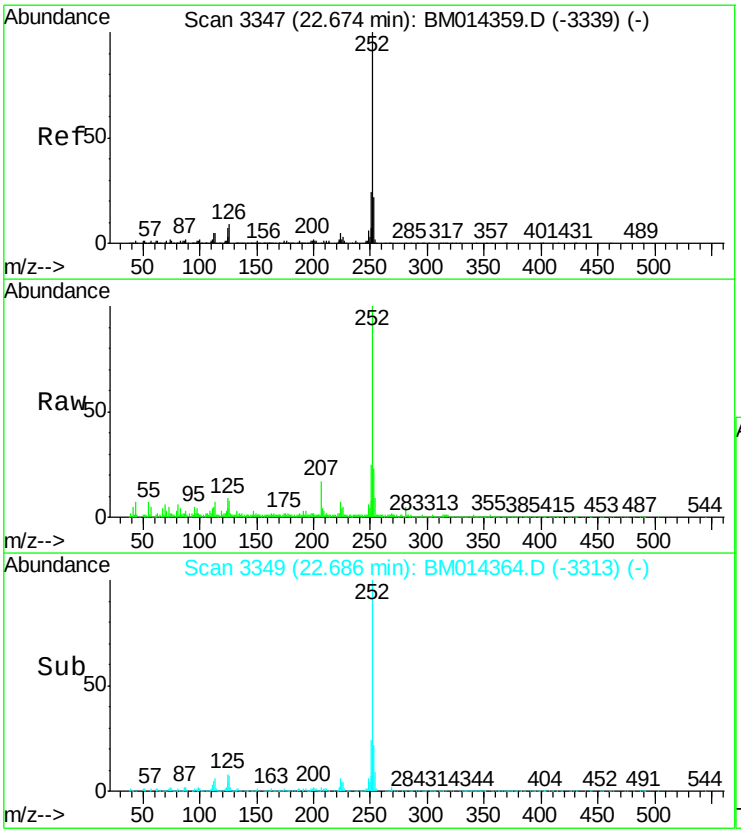
#82
Chrysene
Concen: 21.611 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 656891

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	22.0	15.5	23.3

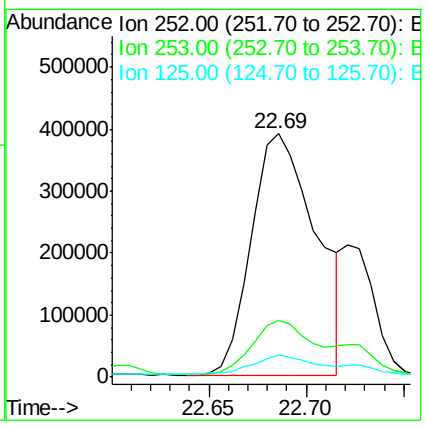


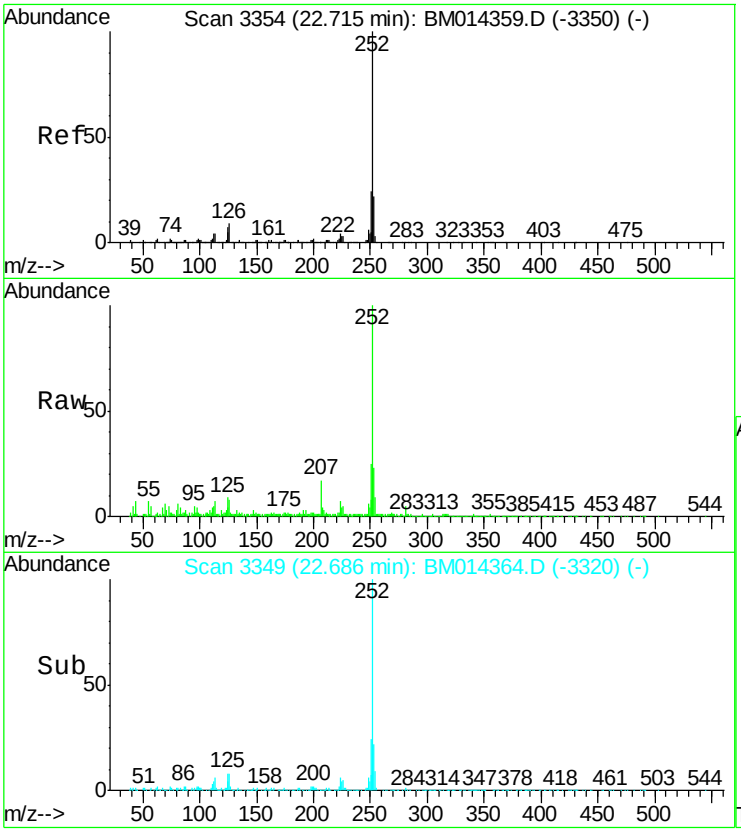


#85
Benzo(b)fluoranthene
Concen: 28.539 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:252 Resp: 902441

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	9.1	3.6	5.4#



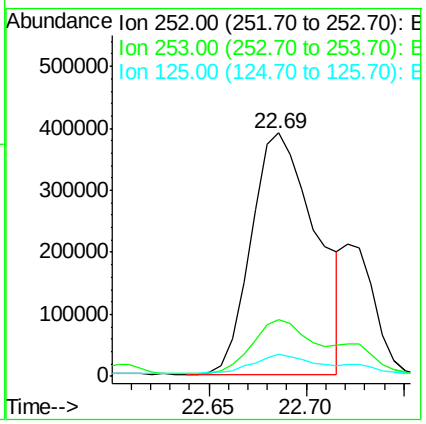


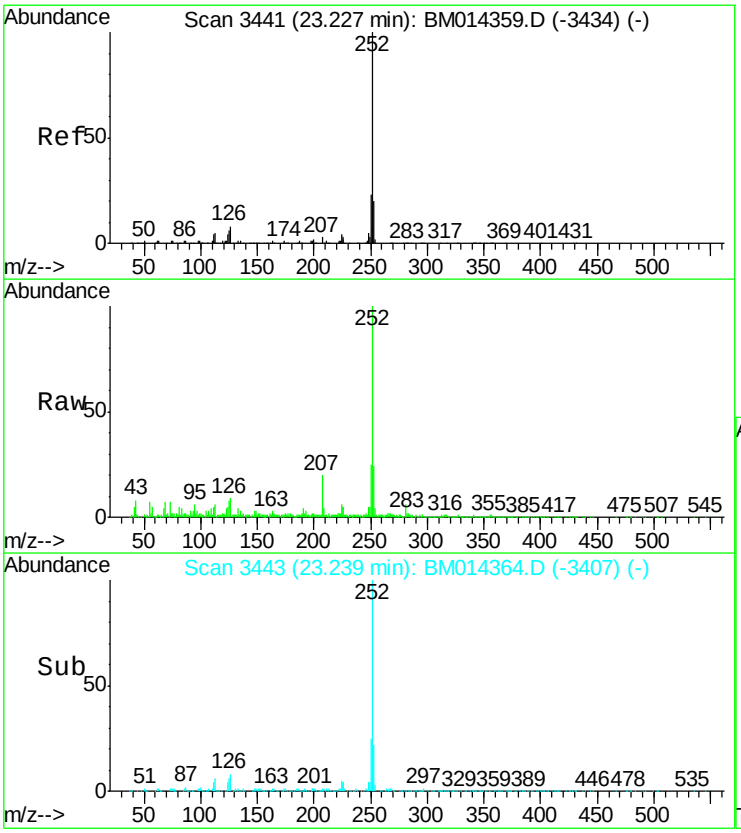
#86
Benzo(k)fluoranthene
Concen: 30.017 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.03 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 902441

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	9.1	3.4	5.2#

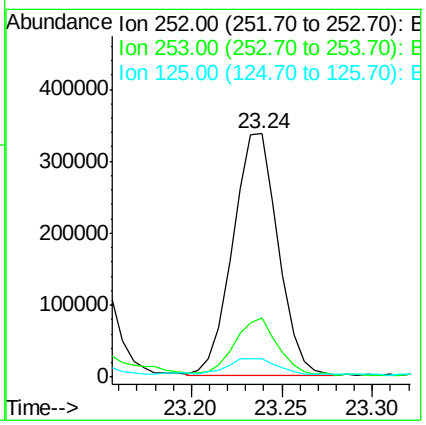


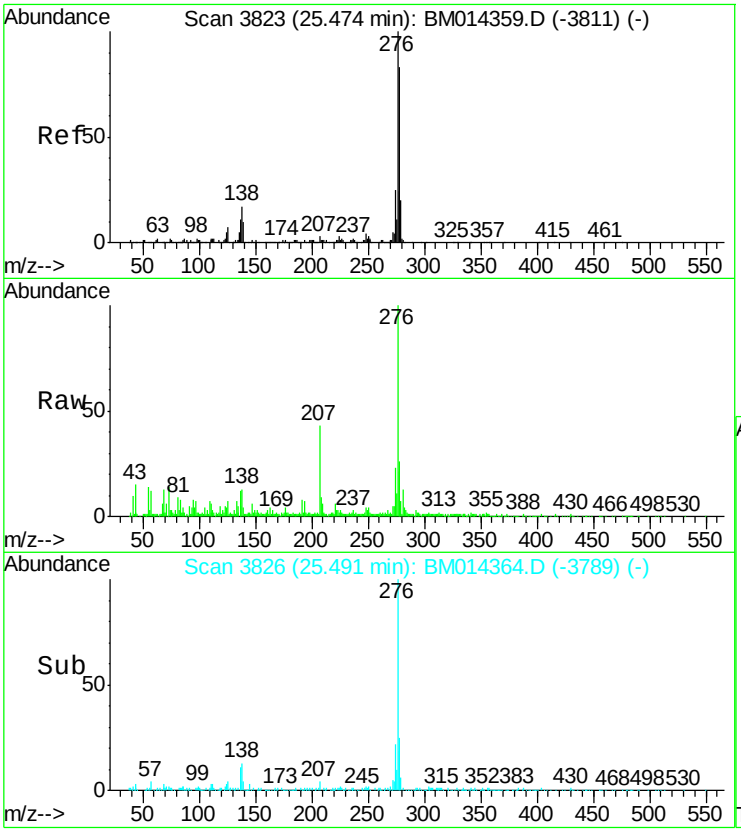


#88
Benzo(a)pyrene
Concen: 20.597 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:252 Resp: 581999

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.2	27.2
125	7.8	4.0	6.0#



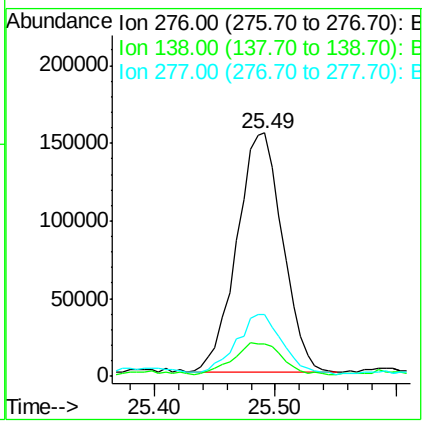


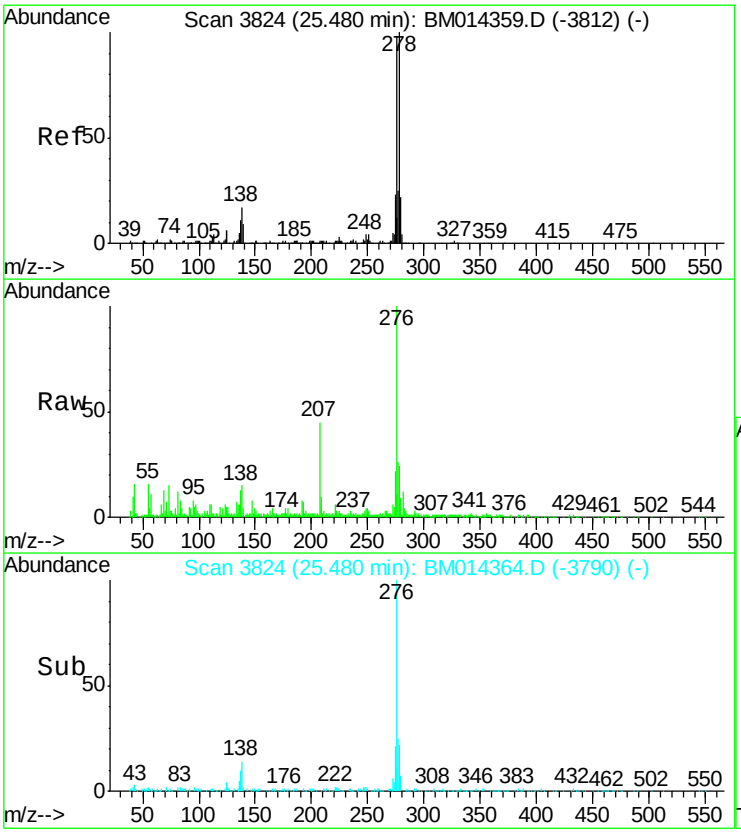
#89
Indeno(1,2,3-cd)pyrene
Concen: 14.889 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. 0.02 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 408238

Ion	Ratio	Lower	Upper
276	100		
138	13.3	9.3	13.9
277	25.6	19.9	29.9

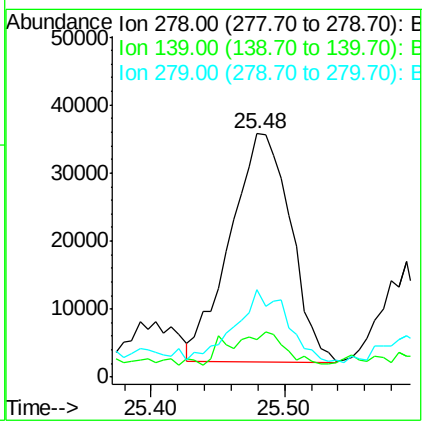


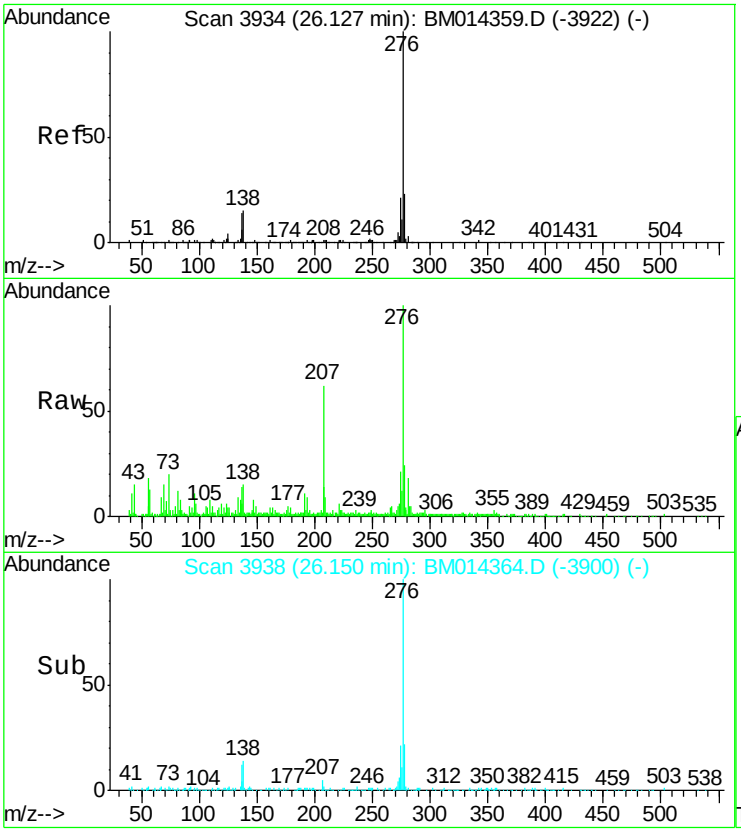


#90
Dibenzo(a,h)anthracene
Concen: 4.637 ng/ul
RT: 25.48 min Scan# 3824
Delta R.T. 0.00 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Tgt Ion:278 Resp: 105651

Ion	Ratio	Lower	Upper
278	100		
139	15.5	5.8	8.8#
279	36.0	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 14.396 ng/ul
RT: 26.15 min Scan# 3938
Delta R.T. 0.02 min
Lab File: BM014364.D
Acq: 26 Feb 2018 19:48

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 319771

Ion	Ratio	Lower	Upper
276	100		
138	14.6	8.5	12.7#
277	23.7	18.6	28.0