Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014361.D
Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 27 03:23:12 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	149355	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	646600	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	382404	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	792407	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	596951	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	508212	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	13265	3.80	ng/uL	0.00
5) Phenol-d5	6.72	99	311158	24.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	198702	26.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	264538	27.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	223426	20.23	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	136535	28.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	150396	30.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	278016	27.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	110920	10.99	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	966090	30.59	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1215533	31.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	52148	11.96	ng/ul	0.01
57) Fluorene-d10	15.18	176	805033	28.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	51602	10.86	ng/ul	0.00
70) Anthracene-d10	17.04	188	1179874	30.86	ng/ul	0.00
76) Pyrene-d10	19.35	212	1104152	35.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	738380	29.85	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.69	77	9318	1.811	ng/ul#	84
6) Phenol	6.75	94	18223	1.376	ng/ul	90
14) Acetophenone	8.35	105	123317	6.471	ng/ul	88
28) Naphthalene	10.34	128	82809	2.494	ng/ul	96
30) 4-Chloroaniline	10.34	127	11770	1.144	ng/ul#	4
34) 2-Methylnaphthalene	11.97	142	29297	1.159	ng/ul	98
44) Dimethylphthalate	13.65	163	273262	8.775	ng/ul#	97
47) Acenaphthylene	13.90	152	74723	2.030	ng/ul	95
49) Acenaphthene	14.24	153	88268	3.406	ng/ul	96
53) Dibenzofuran	14.59	168	88975	2.290	ng/ul	93
58) Fluorene	15.24	166	121618	3.625	ng/ul#	95
69) Phenanthrene	16.99	178	2588177	56.690	ng/ul	98
71) Anthracene	17.07	178	557785	12.148	ng/ul	97
72) Carbazole	17.36	167	154744	4.008	ng/ul	98
73) Di-n-butylphthalate	17.92	149	62042	1.246	ng/ul#	92
74) Fluoranthene	19.02	202	4123784	75.602	ng/ul#	92
77) Pyrene	19.38	202	3636125	91.655	ng/ul#	91
80) Benzo(a)anthracene	21.14	228	1650169	44.293	ng/ul	98
82) Chrysene	21.19	228	1603068	46.125	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	1931799	56.769	ng/ul#	97
86) Benzo(k)fluoranthene	22.69	252	1931799	59.709	ng/ul#	95
88) Benzo(a)pyrene	23.23	252	1312912	43.176	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.48	276	856650	29.032	ng/ul#	98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014361.D
Acq On : 26 Feb 2018 17:59
Operator : SJ/JU
Sample : J1631-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 03:23:12 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)
90) Dibenzo(a,h)anthracene	25.48	278	242467	9.889	ng/ul#	90
91) Benzo(g,h,i)perylene	26.14	276	629023	26.315	ng/ul#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
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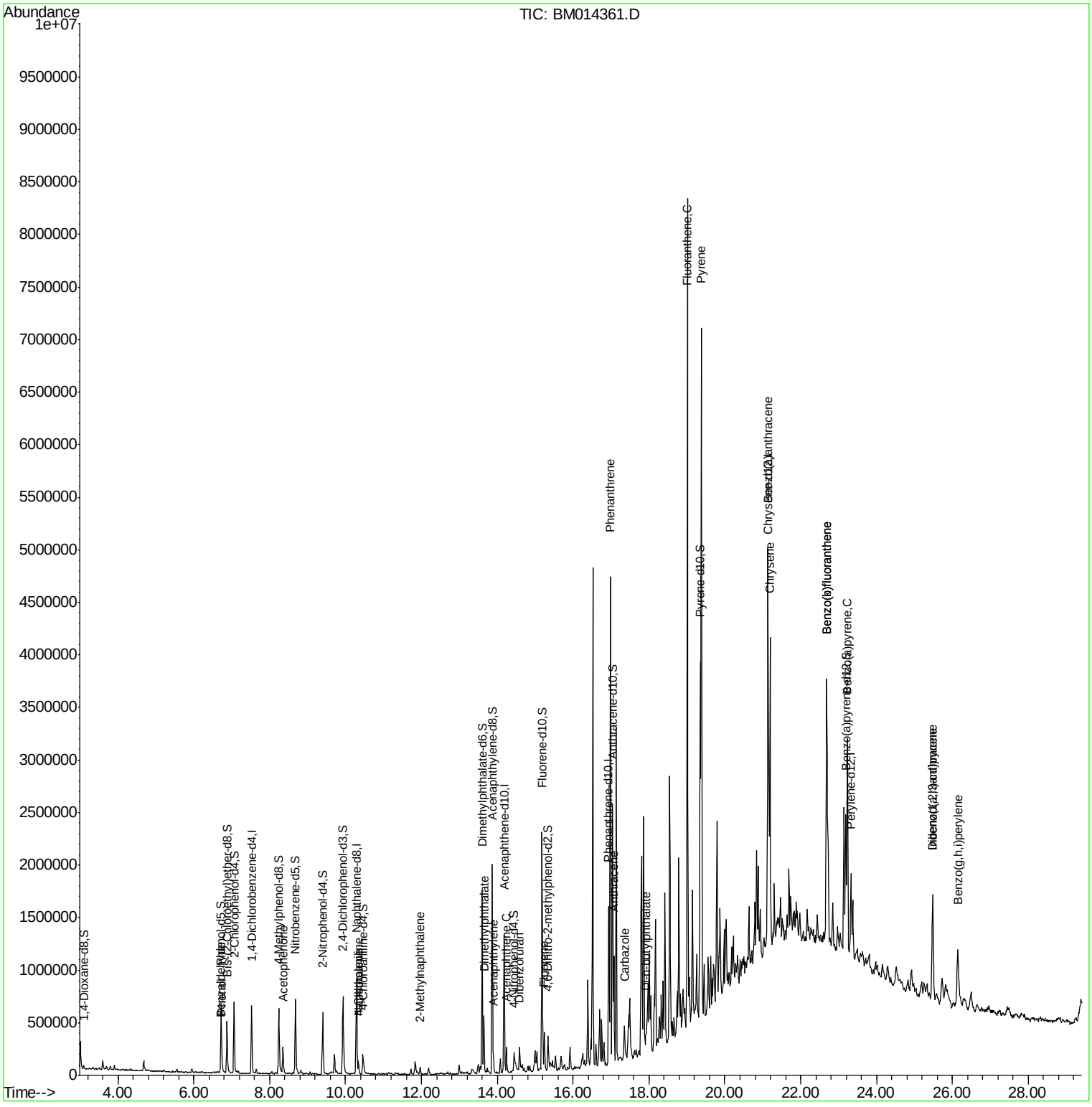
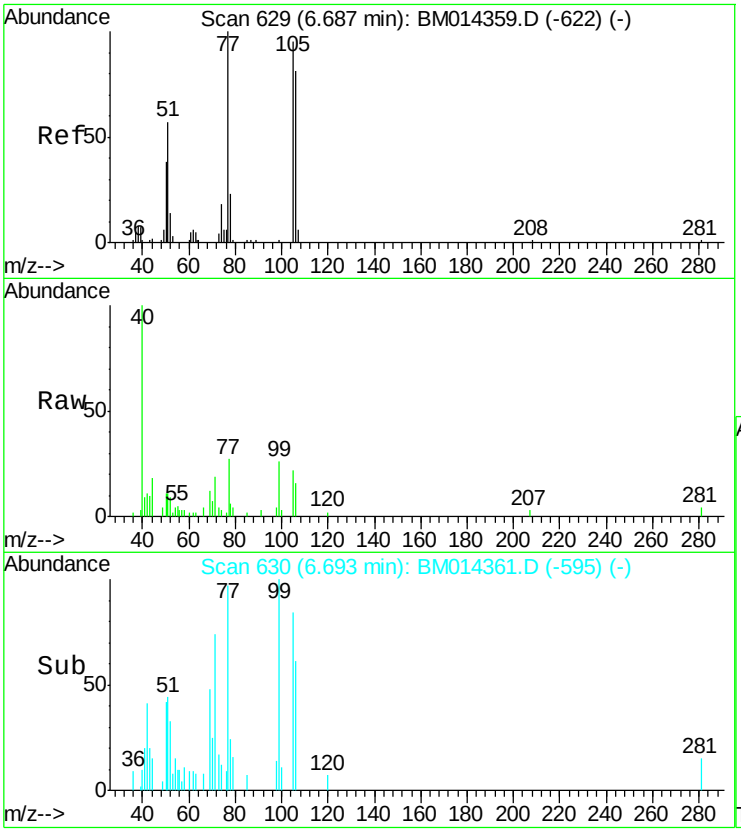
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



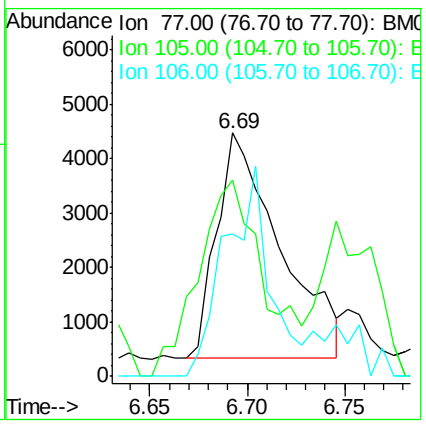


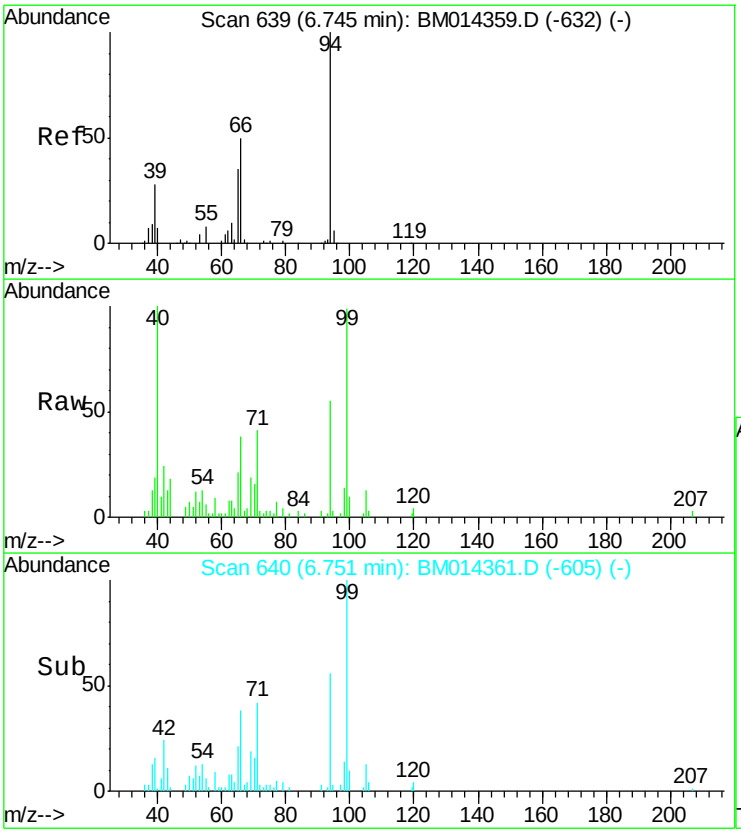
#4
Benzaldehyde
Concen: 1.811 ng/ul
RT: 6.69 min Scan# 630
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 9318

Ion	Ratio	Lower	Upper
77	100		
105	80.6	66.1	99.1
106	58.6	67.8	101.6#

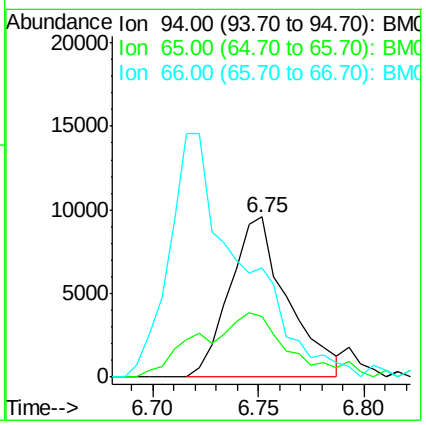


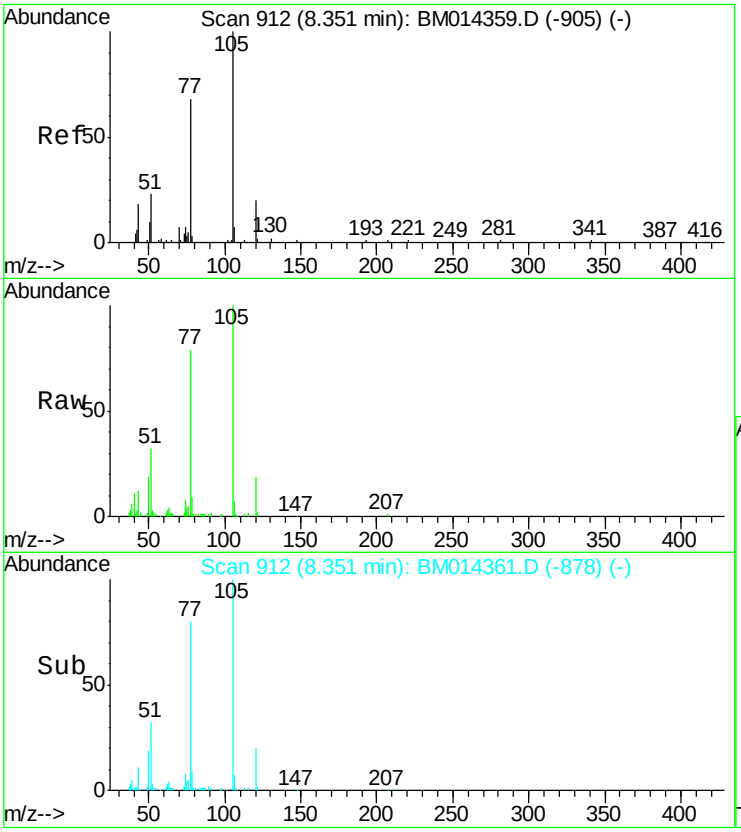


#6
Phenol
Concen: 1.376 ng/ul
RT: 6.75 min Scan# 640
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion: 94 Resp: 18223

Ion	Ratio	Lower	Upper
94	100		
65	37.8	28.2	42.4
66	68.5	47.2	70.8



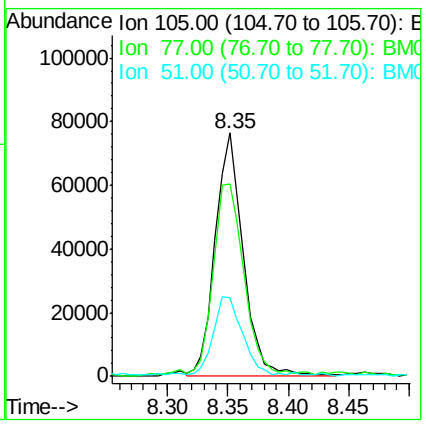


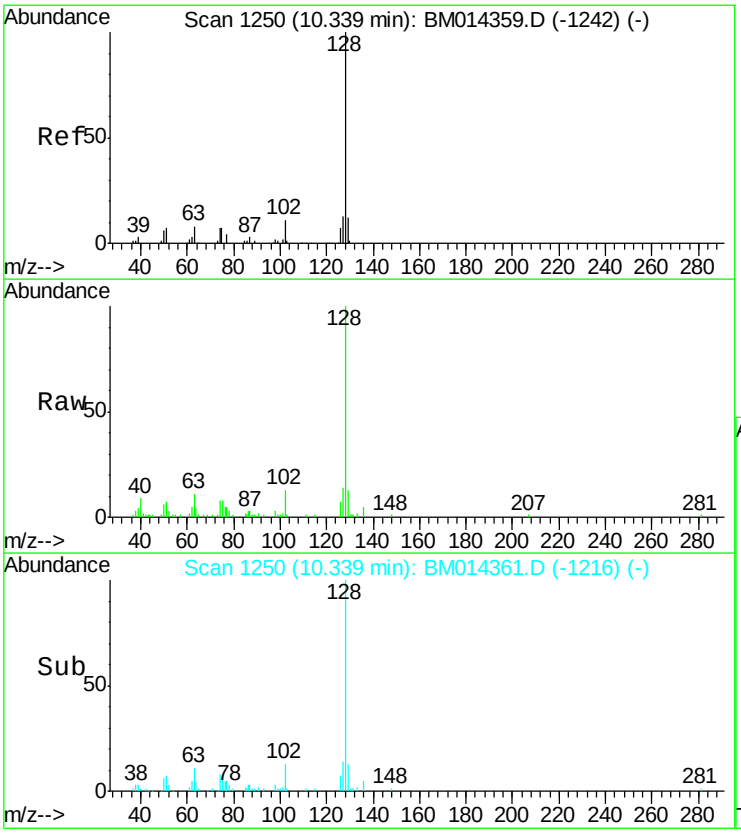
#14
Acetophenone
Concen: 6.471 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:105 Resp: 123317

Ion	Ratio	Lower	Upper
105	100		
77	79.1	74.2	111.4
51	32.1	23.4	35.2

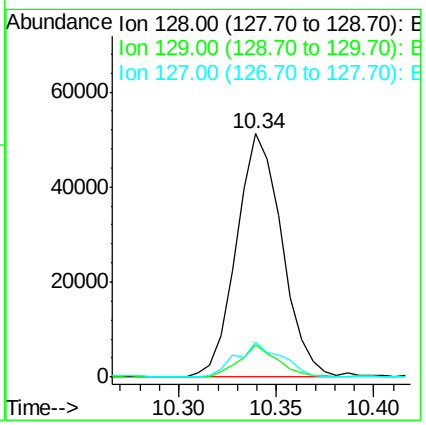


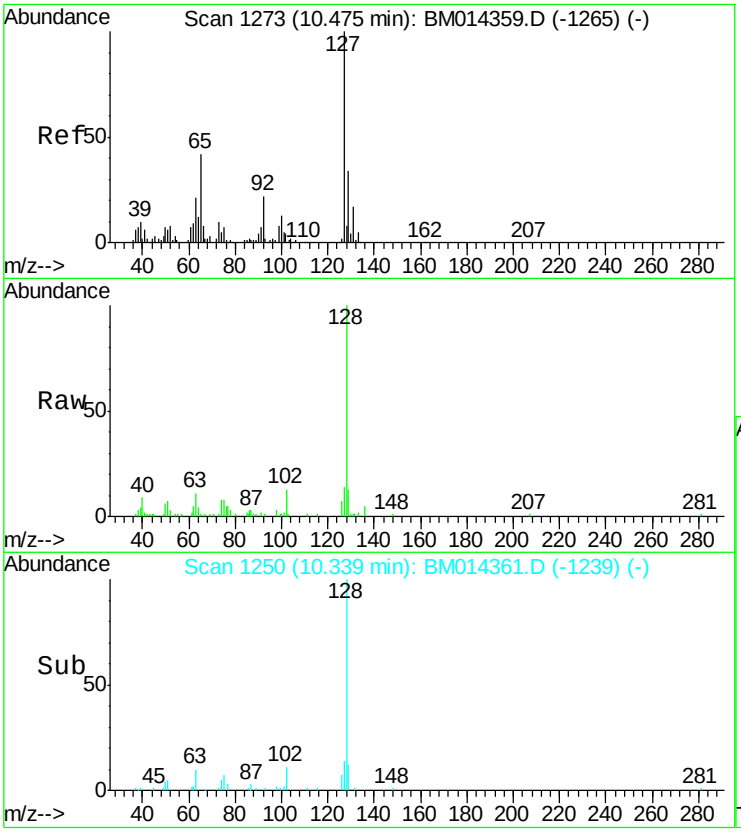


#28
Naphthalene
Concen: 2.494 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:128 Resp: 82809

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.8	13.2
127	14.3	10.6	16.0



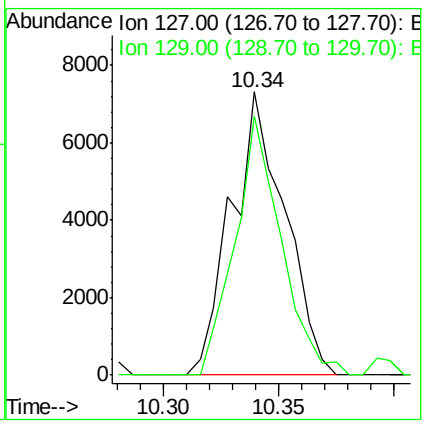


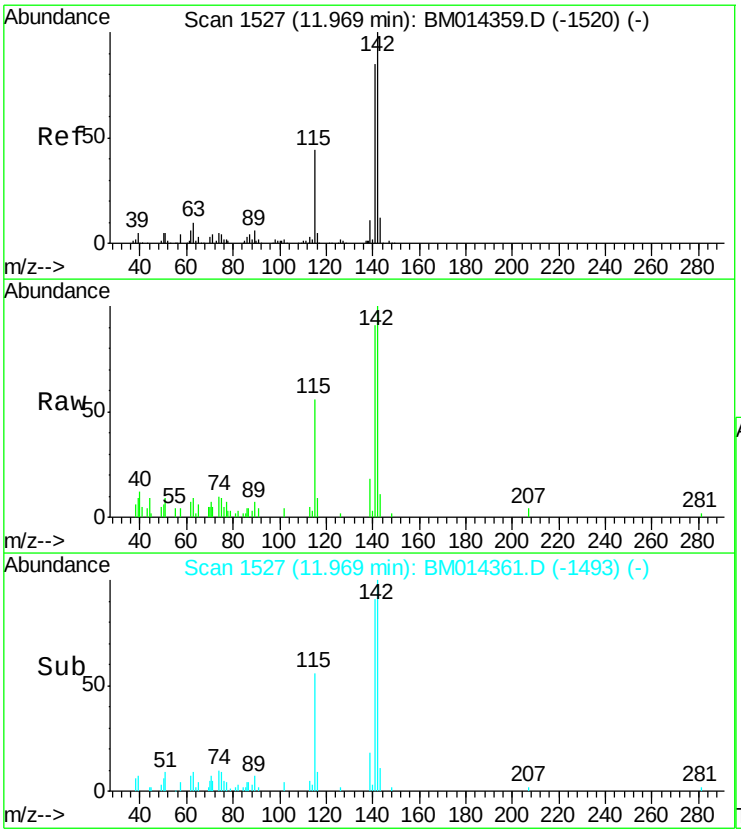
#30
4-Chloroaniline
Concen: 1.144 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. -0.14 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 11770

Ion	Ratio	Lower	Upper
127	100		
129	91.5	28.4	42.6#

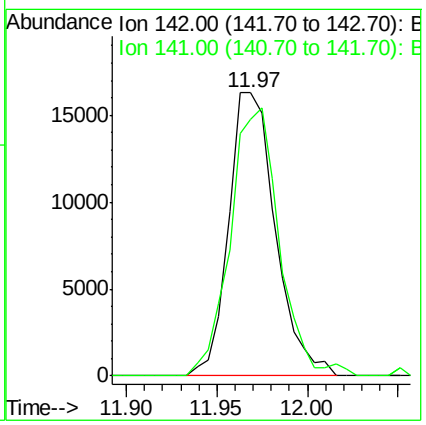


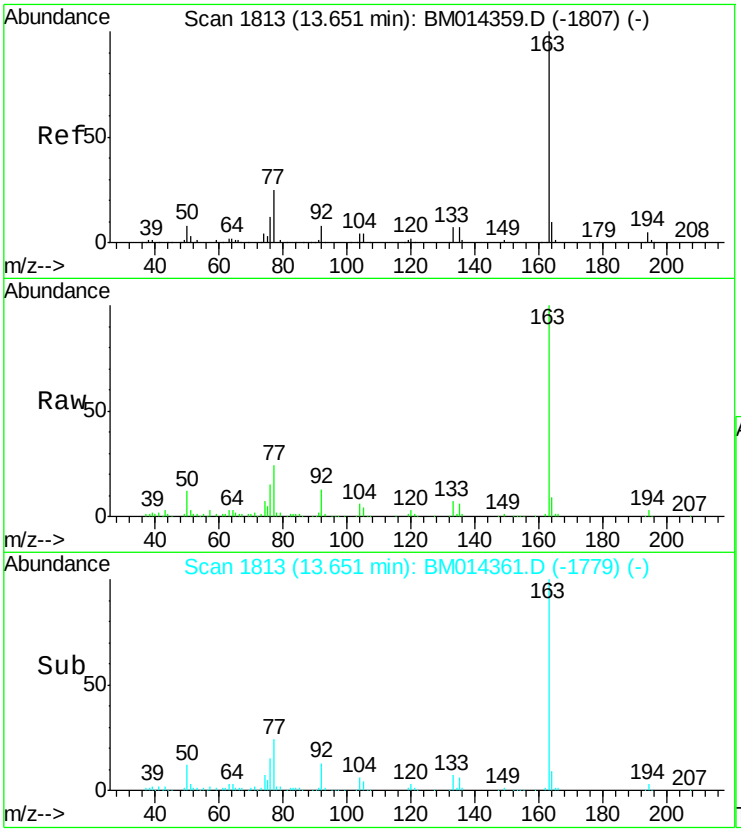


#34
2-Methylnaphthalene
Concen: 1.159 ng/ul
RT: 11.97 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:142 Resp: 29297

Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.1	111.1



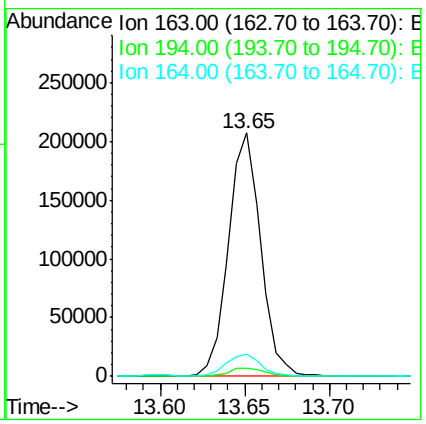


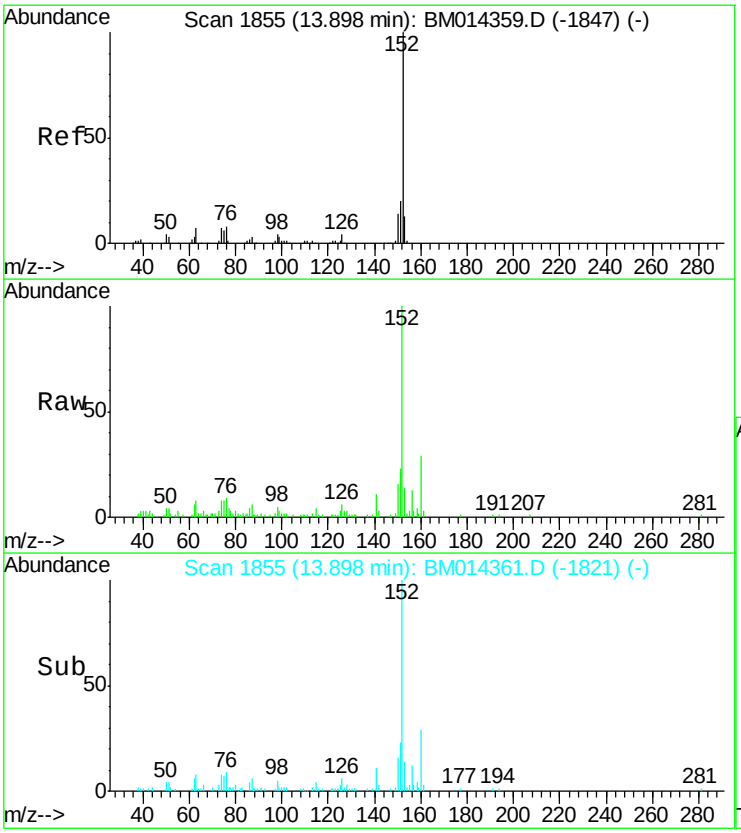
#44
Dimethylphthalate
Concen: 8.775 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 273262

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	9.3	8.2	12.4

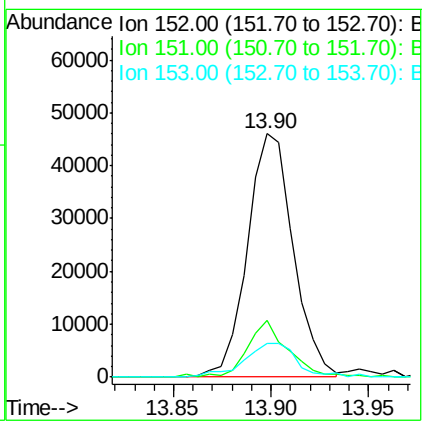


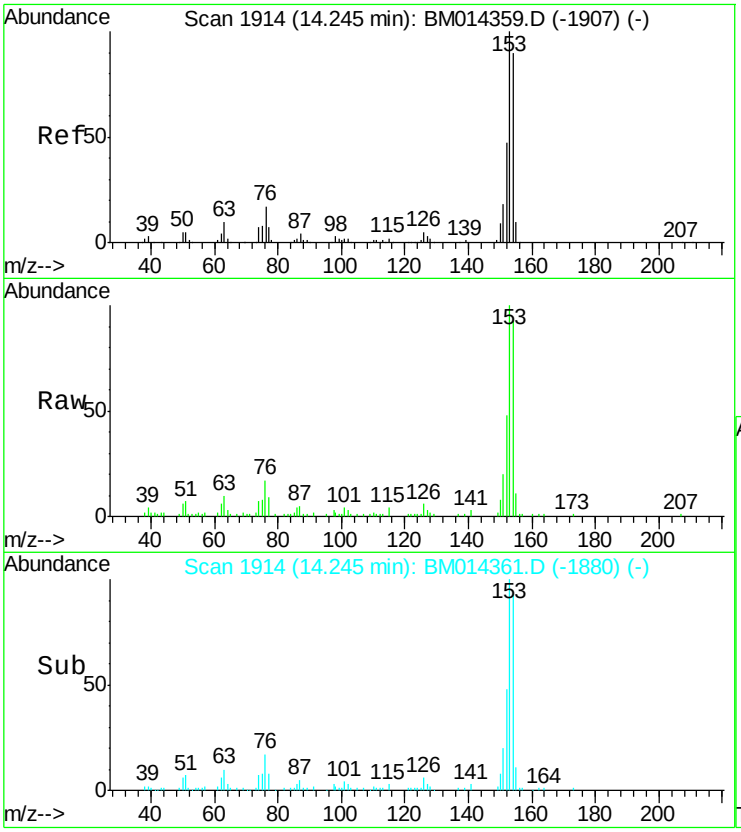


#47
Acenaphthylene
Concen: 2.030 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:152 Resp: 74723

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.3	24.5
153	14.1	10.2	15.4



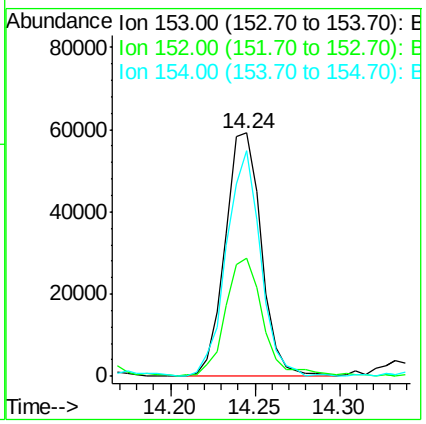


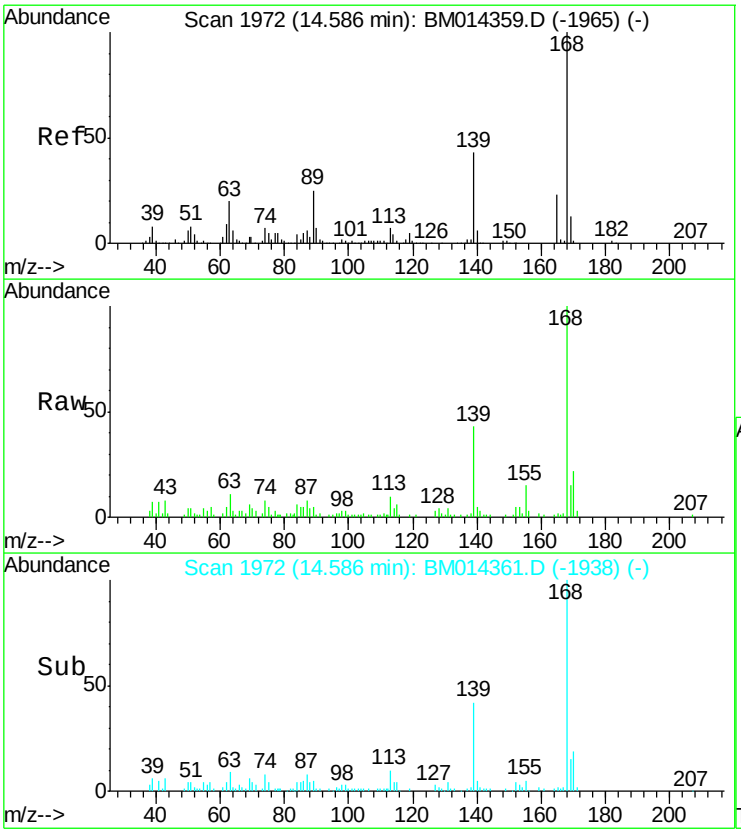
#49
Acenaphthene
Concen: 3.406 ng/ul
RT: 14.24 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 88268

Ion	Ratio	Lower	Upper
153	100		
152	48.3	37.6	56.4
154	92.9	70.4	105.6

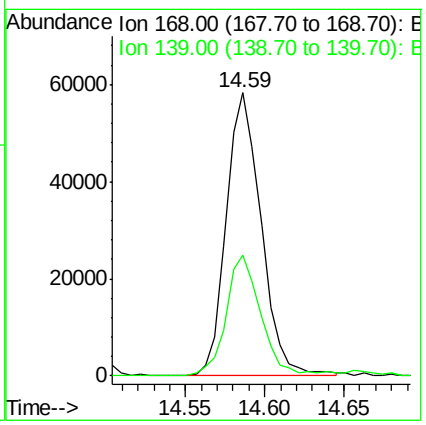


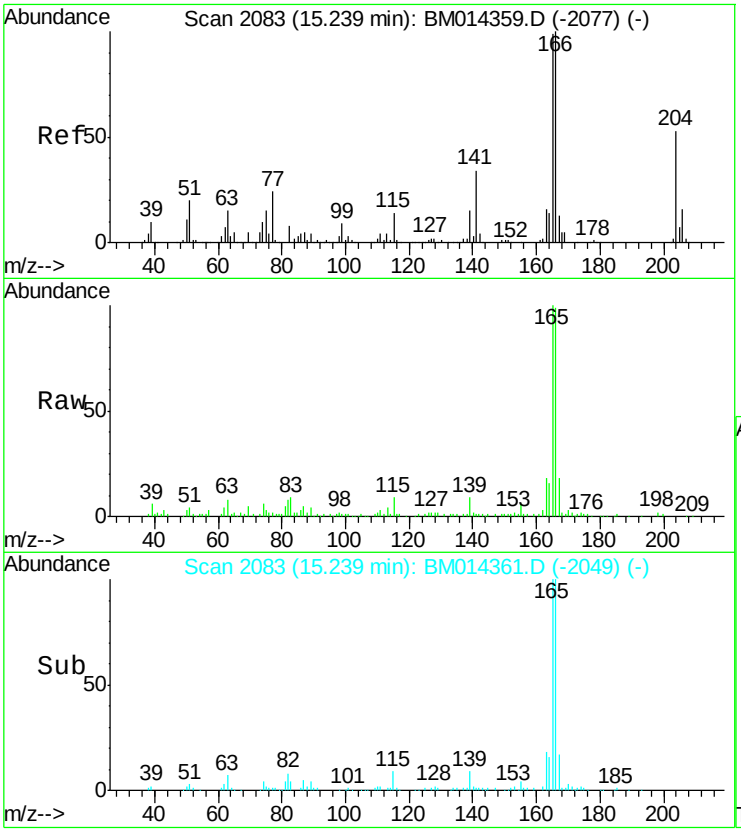


#53
Dibenzofuran
Concen: 2.290 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:168 Resp: 88975

Ion	Ratio	Lower	Upper
168	100		
139	42.9	30.8	46.2



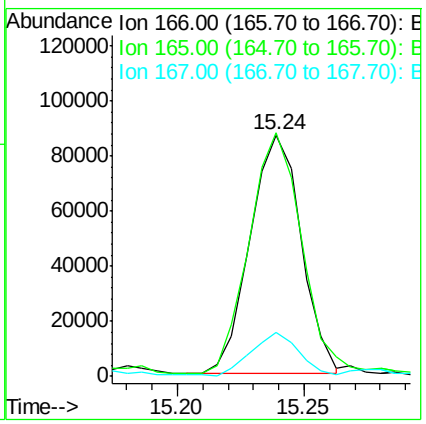


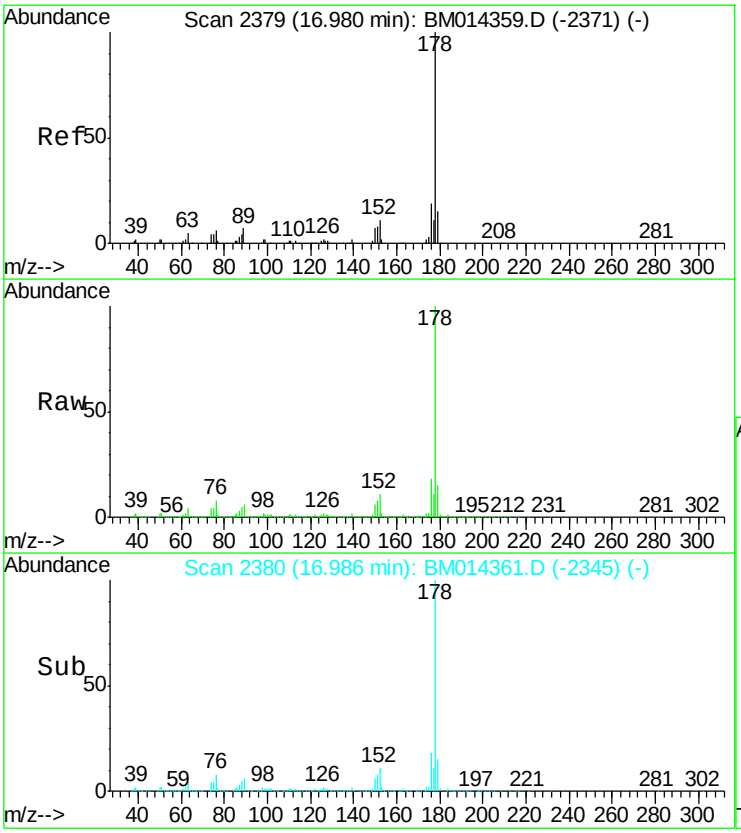
#58
Fluorene
Concen: 3.625 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 121618

Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.9	116.9
167	18.1	10.6	16.0#

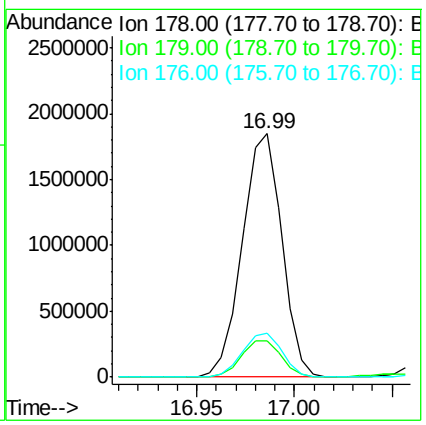


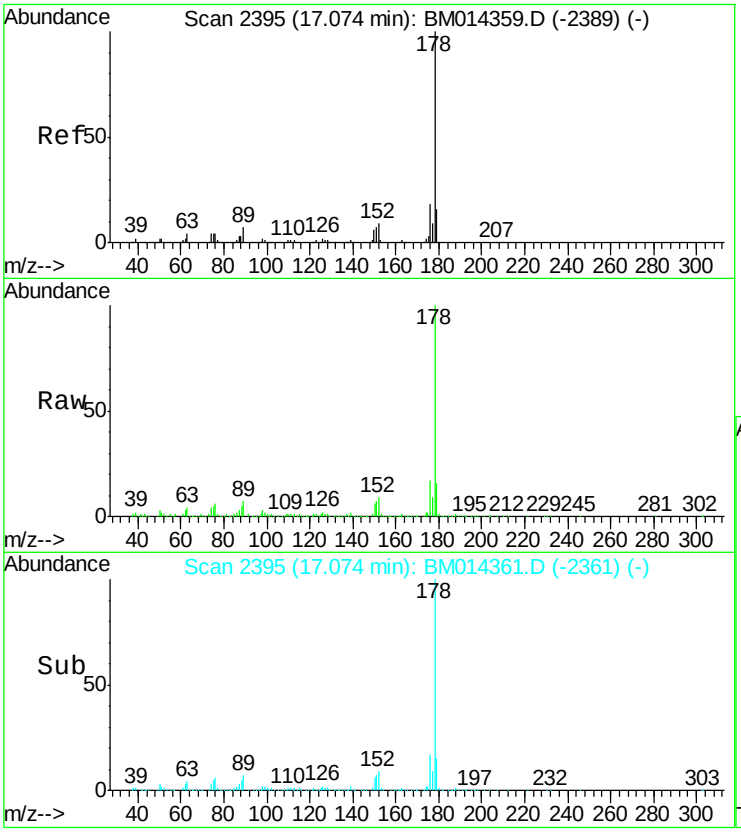


#69
Phenanthrene
Concen: 56.690 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:178 Resp: 2588177

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.2	14.9	22.3



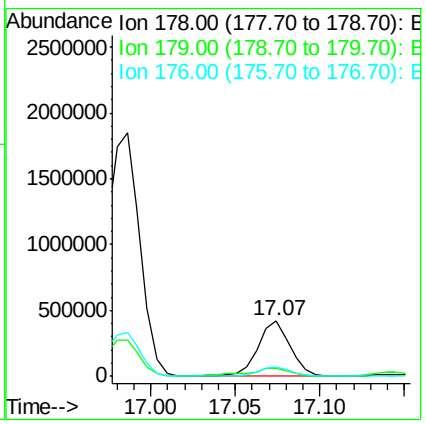


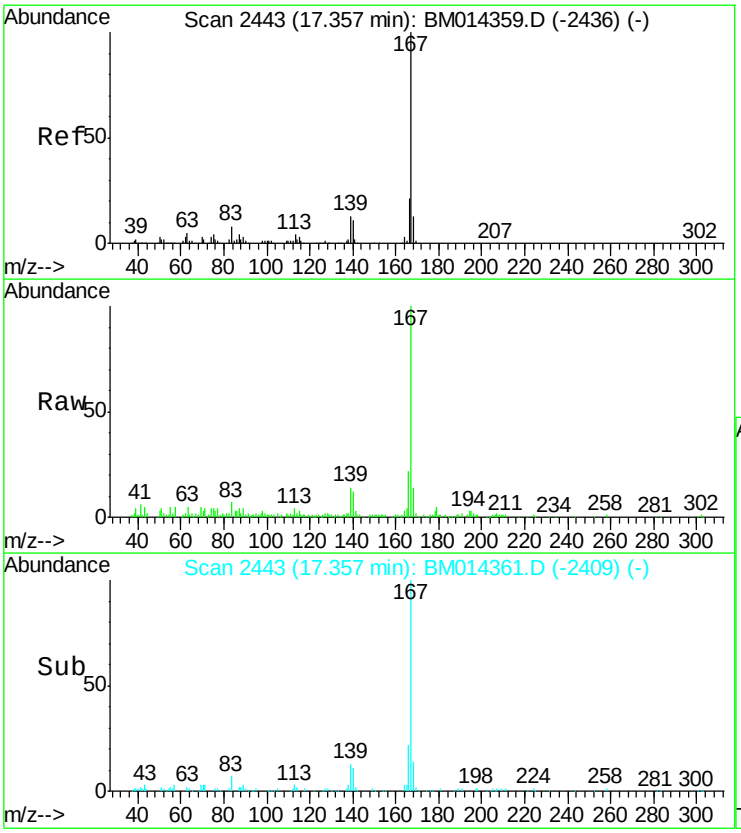
#71
Anthracene
Concen: 12.148 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 557785

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.7	17.5
176	16.9	14.6	21.8

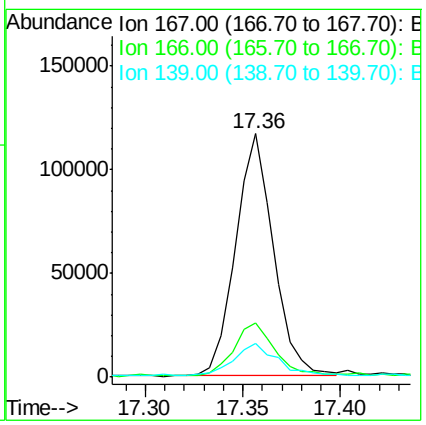


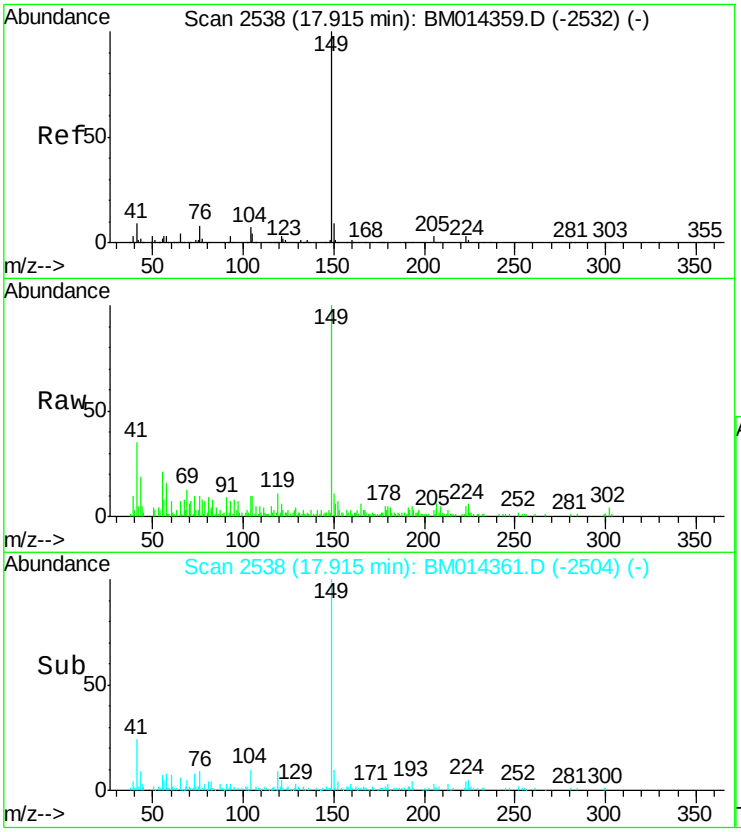


#72
Carbazole
Concen: 4.008 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:167 Resp: 154744

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	13.6	10.0	15.0



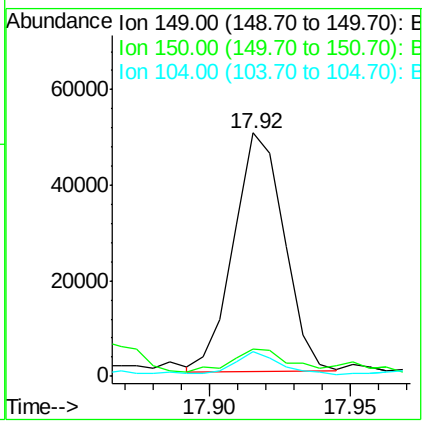


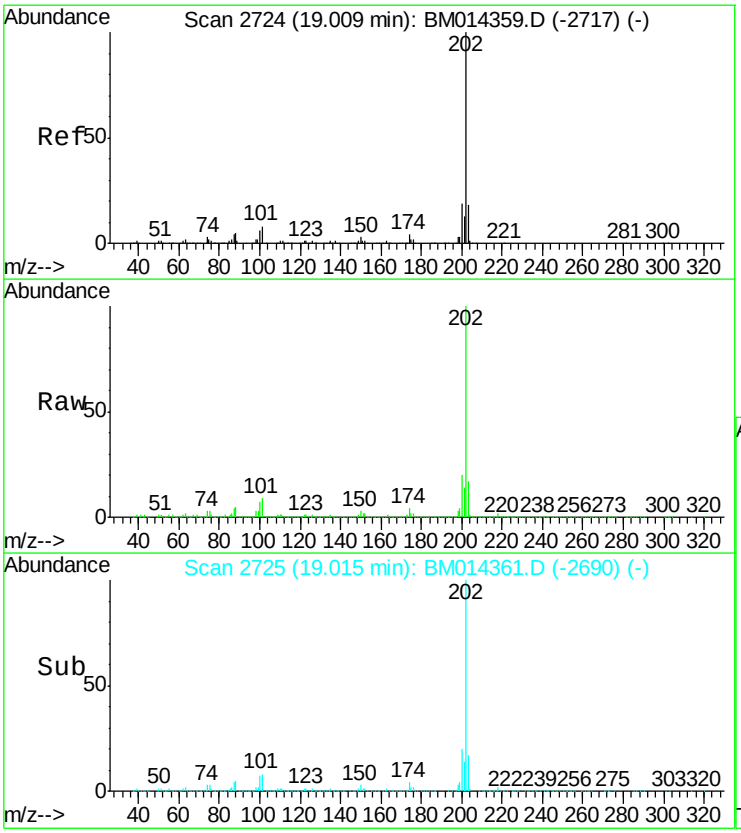
#73
Di-n-butylphthalate
Concen: 1.246 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 62042

Ion	Ratio	Lower	Upper
149	100		
150	11.4	7.1	10.7#
104	10.2	5.6	8.4#

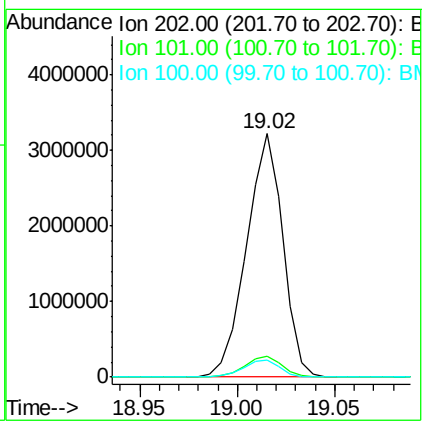


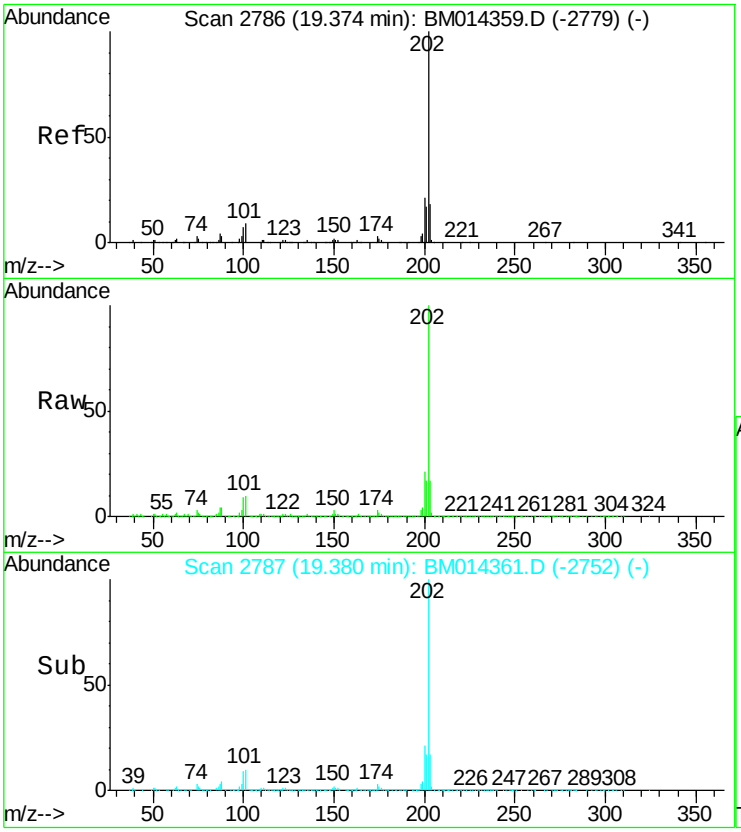


#74
Fluoranthene
Concen: 75.602 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:202 Resp: 4123784

Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.8	3.4	5.2#



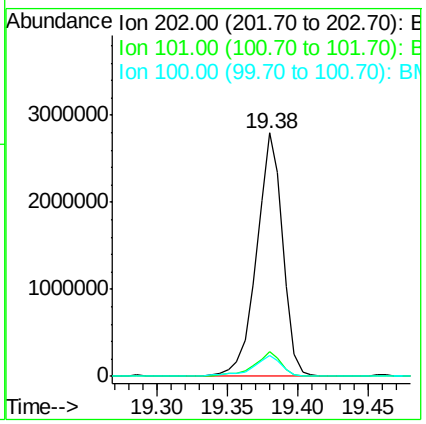


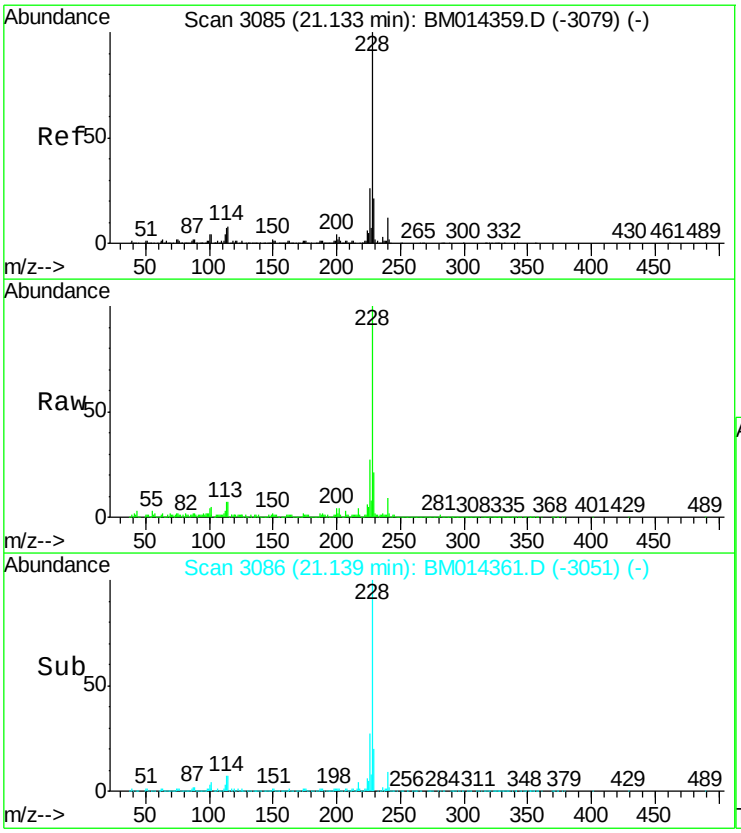
#77
Pyrene
Concen: 91.655 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3636125

Ion	Ratio	Lower	Upper
202	100		
101	10.2	5.1	7.7#
100	8.6	4.9	7.3#

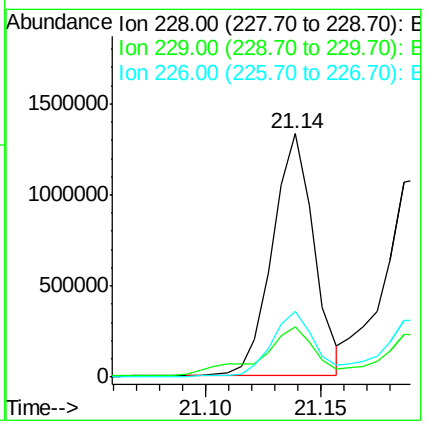


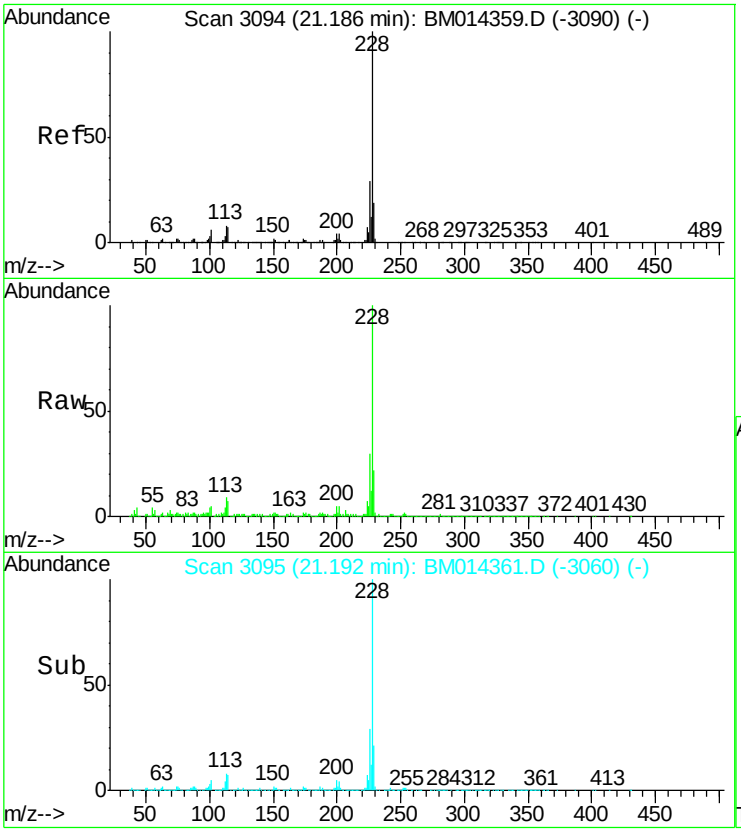


#80
Benzo(a)anthracene
Concen: 44.293 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:228 Resp: 1650169

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	27.1	21.4	32.0



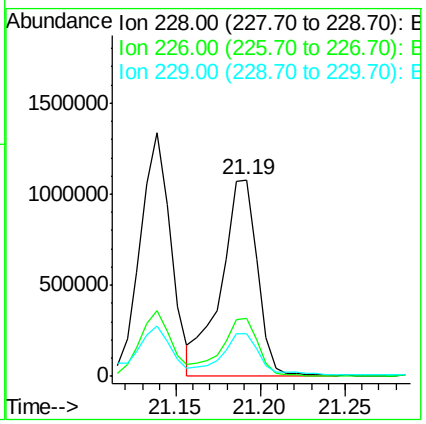


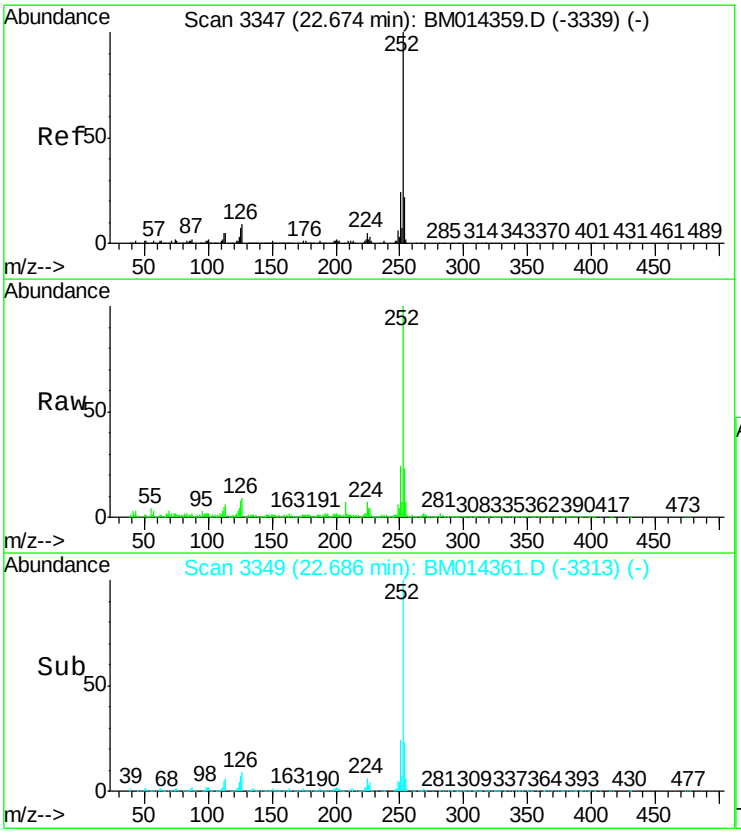
#82
Chrysene
Concen: 46.125 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1603068

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.8	15.5	23.3

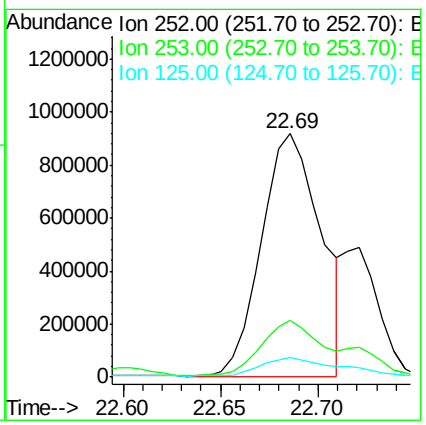


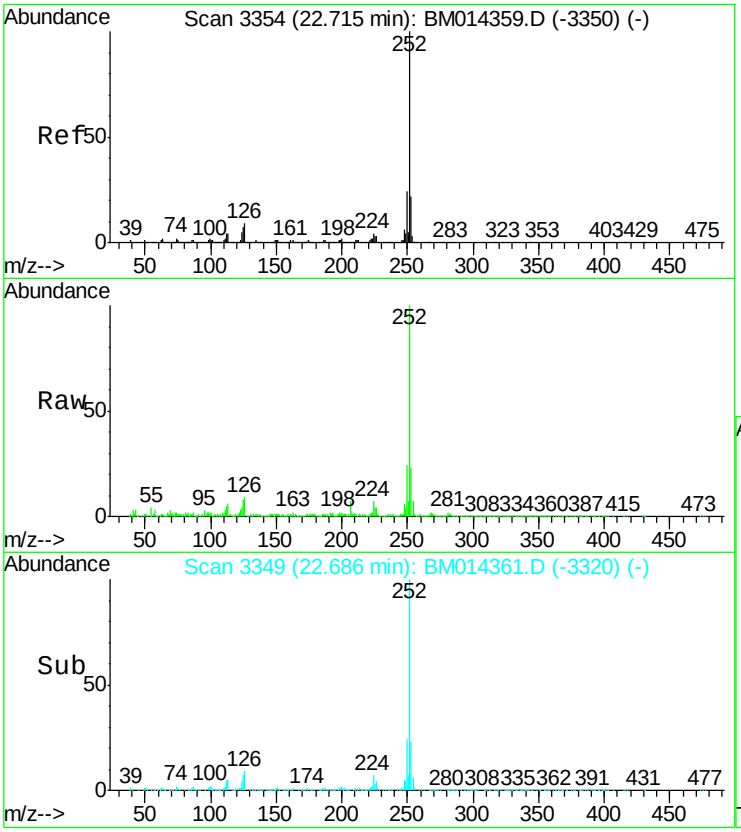


#85
Benzo(b)fluoranthene
Concen: 56.769 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:252 Resp: 1931799

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	7.8	3.6	5.4#



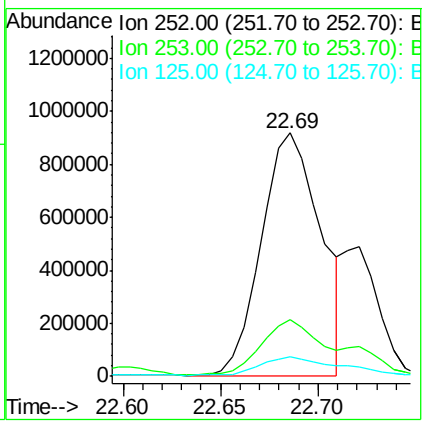


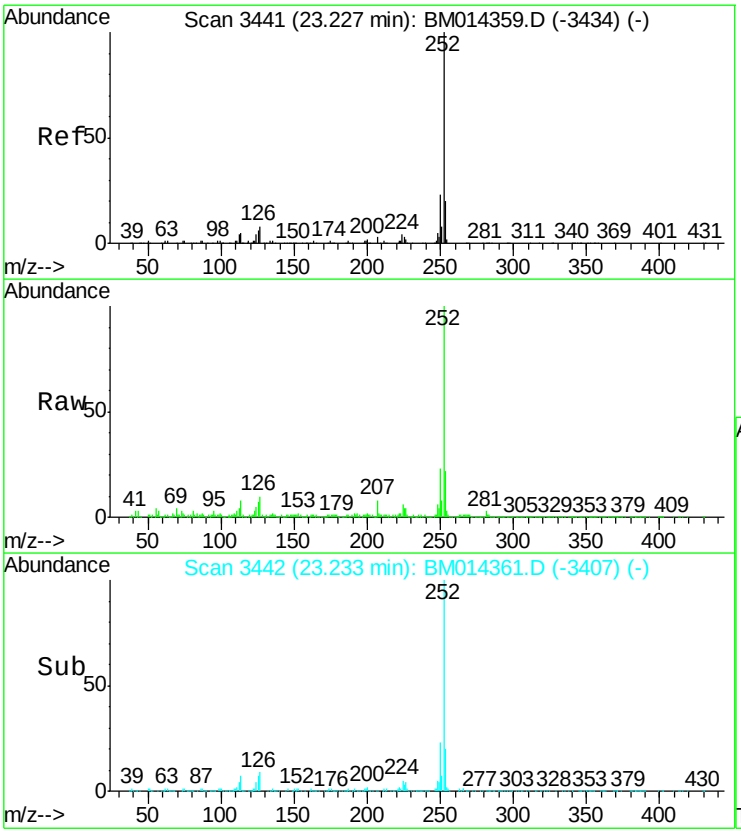
#86
Benzo(k)fluoranthene
Concen: 59.709 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.03 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1931799

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	7.8	3.4	5.2#

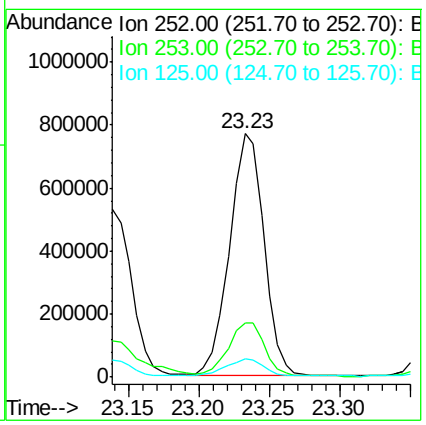


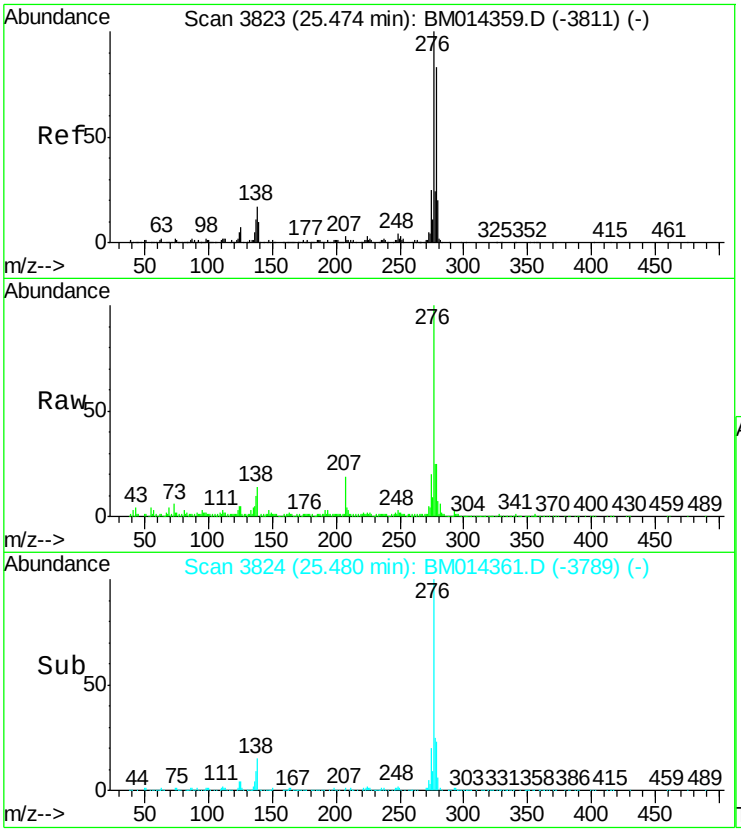


#88
Benzo(a)pyrene
Concen: 43.176 ng/ul
RT: 23.23 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:252 Resp: 1312912

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	7.4	4.0	6.0#



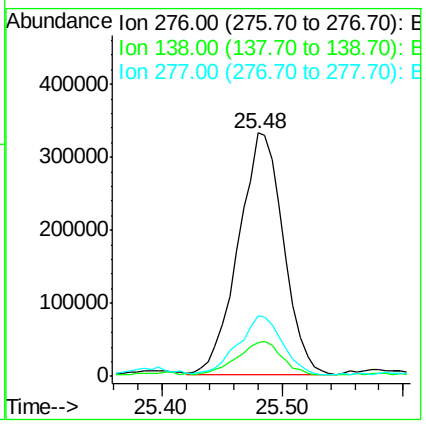


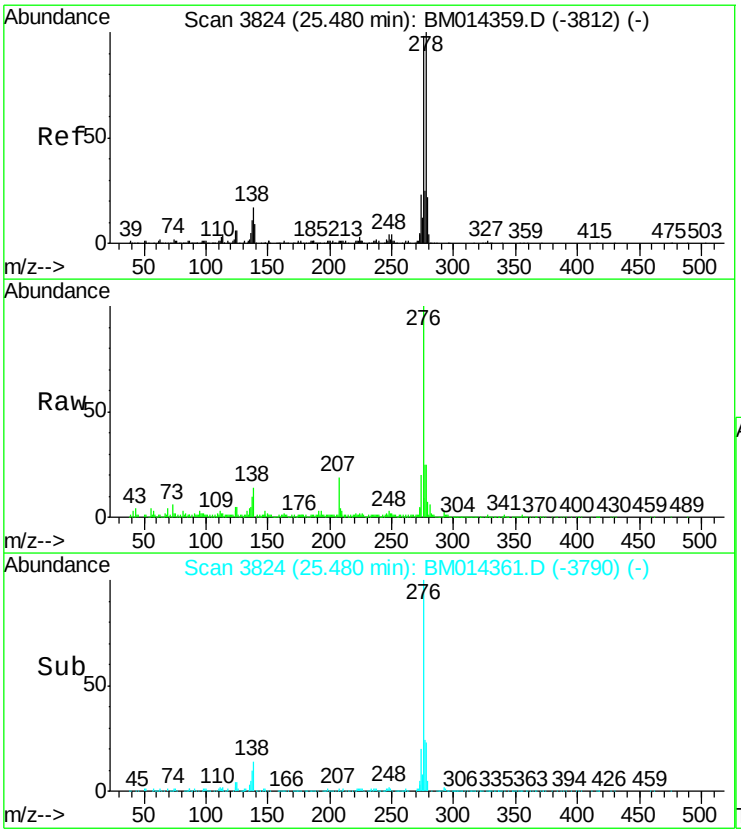
#89
Indeno(1,2,3-cd)pyrene
Concen: 29.032 ng/ul
RT: 25.48 min Scan# 3824
Delta R.T. 0.01 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 856650

Ion	Ratio	Lower	Upper
276	100		
138	14.1	9.3	13.9#
277	24.8	19.9	29.9

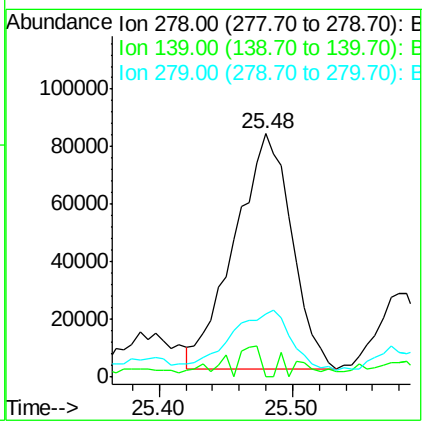


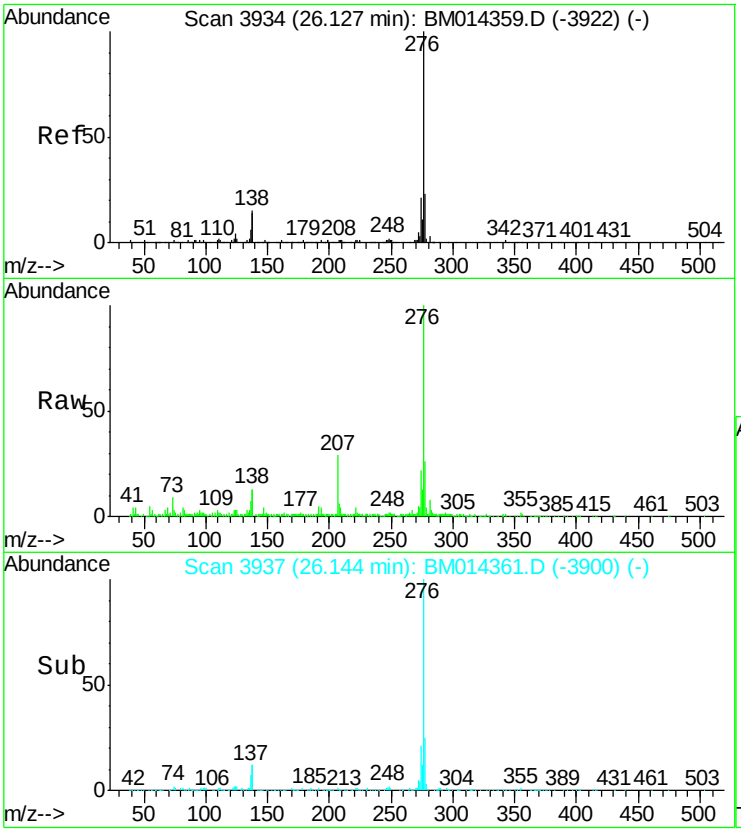


#90
Dibenzo(a,h)anthracene
Concen: 9.889 ng/ul
RT: 25.48 min Scan# 3824
Delta R.T. 0.00 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Tgt Ion:278 Resp: 242467

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	26.2	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 26.315 ng/ul
RT: 26.14 min Scan# 3937
Delta R.T. 0.02 min
Lab File: BM014361.D
Acq: 26 Feb 2018 17:59

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 629023

Ion	Ratio	Lower	Upper
276	100		
138	12.8	8.5	12.7#
277	25.9	18.6	28.0