Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014381.D
Acq On : 27 Feb 2018 14:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y7

Quant Time: Feb 27 15:33:06 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	109492	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	436508	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	244404	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	500495	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	506467	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	484825	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	9348	3.65	ng/uL	0.00
5) Phenol-d5	6.72	99	197426	21.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	124887	22.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	167742	23.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	149858	18.51	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	82565	25.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	96481	28.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	164914	23.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	94587	13.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	524618	25.99	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	668351	26.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	51886	18.62	ng/ul	0.02
57) Fluorene-d10	15.18	176	457653	25.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	43684	14.55	ng/ul	0.00
70) Anthracene-d10	17.04	188	677262	28.05	ng/ul	0.00
76) Pyrene-d10	19.35	212	721007	27.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	640667	27.15	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	21236	2.187	ng/ul	93
14) Acetophenone	8.35	105	36788	2.633	ng/ul#	96
24) 2,4-Dimethylphenol	9.47	107	10730	1.210	ng/ul#	43
28) Naphthalene	10.33	128	146800	6.548	ng/ul	97
30) 4-Chloroaniline	10.34	127	18654	2.685	ng/ul#	33
34) 2-Methylnaphthalene	11.96	142	45572	2.671	ng/ul	95
44) Dimethylphthalate	13.65	163	215968	10.851	ng/ul#	97
47) Acenaphthylene	13.90	152	146639	6.234	ng/ul	97
49) Acenaphthene	14.24	153	112904	6.816	ng/ul	95
53) Dibenzofuran	14.58	168	124177	5.000	ng/ul	95
58) Fluorene	15.23	166	149084	6.953	ng/ul	97
69) Phenanthrene	16.99	178	2782062	96.477	ng/ul	99
71) Anthracene	17.07	178	524034	18.070	ng/ul	98
72) Carbazole	17.36	167	251321	10.306	ng/ul	96
74) Fluoranthene	19.02	202	4600221	133.526	ng/ul#	92
77) Pyrene	19.38	202	4166921	123.800	ng/ul#	91
80) Benzo(a)anthracene	21.14	228	2678194	84.730	ng/ul	99
82) Chrysene	21.19	228	2419603	82.057	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	3095068	95.341	ng/ul#	98
86) Benzo(k)fluoranthene	22.73	252	1092736	35.404	ng/ul#	96
88) Benzo(a)pyrene	23.24	252	2224663	76.689	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	1315270	46.724	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	360810	15.426	ng/ul#	89

Quantitation Report (Not Reviewed)

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Sample : J1631-04
Misc :
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Instrument : BNA_M
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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)
91) Benzo(g,h,i)perylene	26.17	276	922897	40.471	ng/ul#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014381.D
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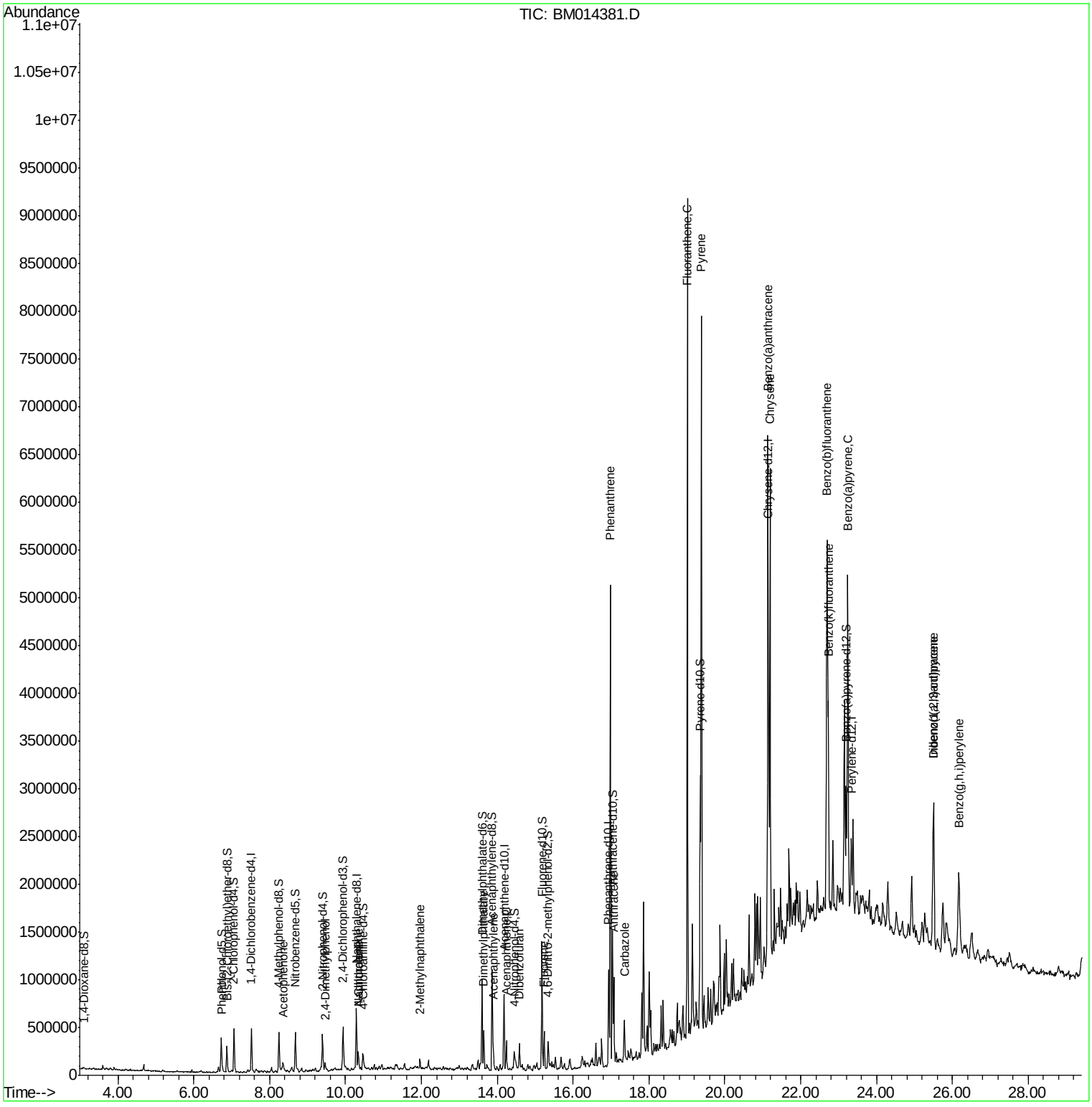
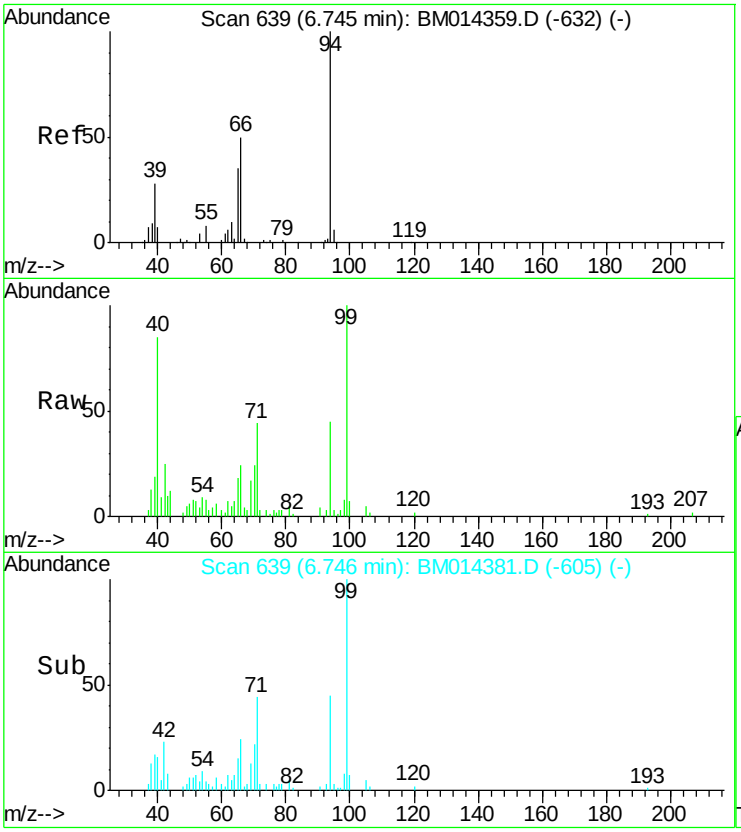
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



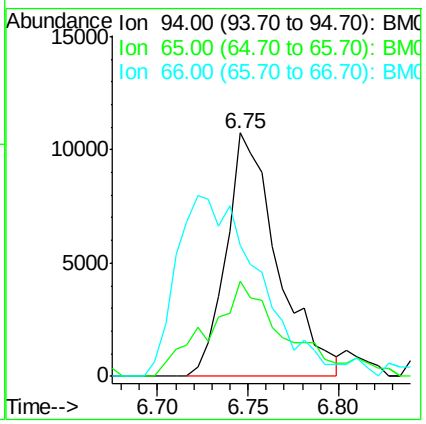


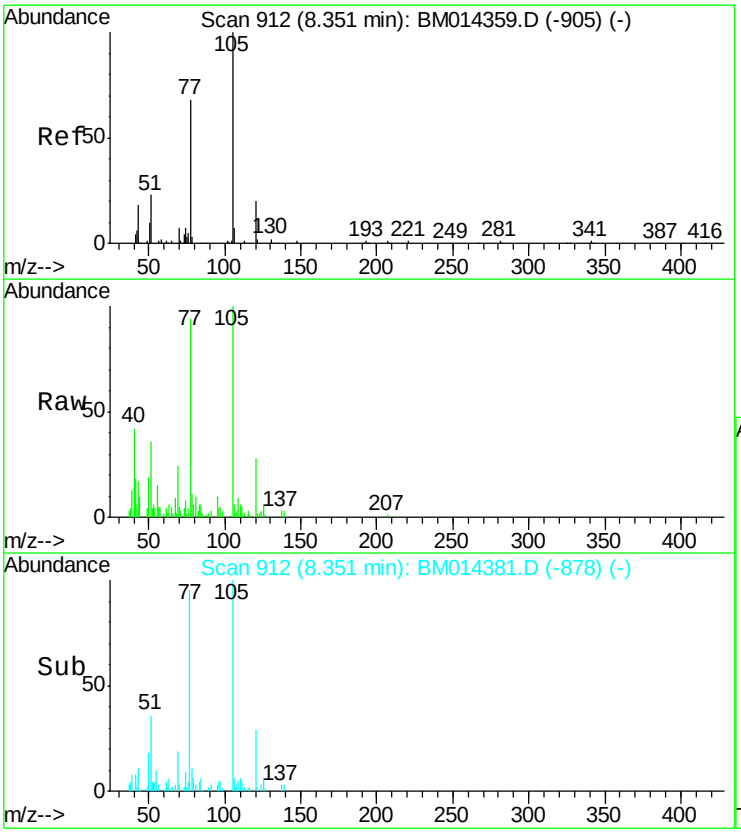
#6
Phenol
Concen: 2.187 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. 0.00 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion: 94 Resp: 21236

Ion	Ratio	Lower	Upper
94	100		
65	39.1	28.2	42.4
66	53.6	47.2	70.8

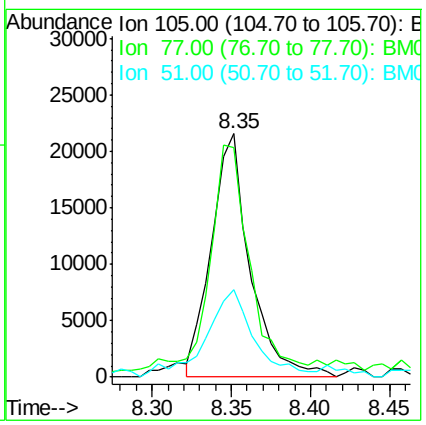


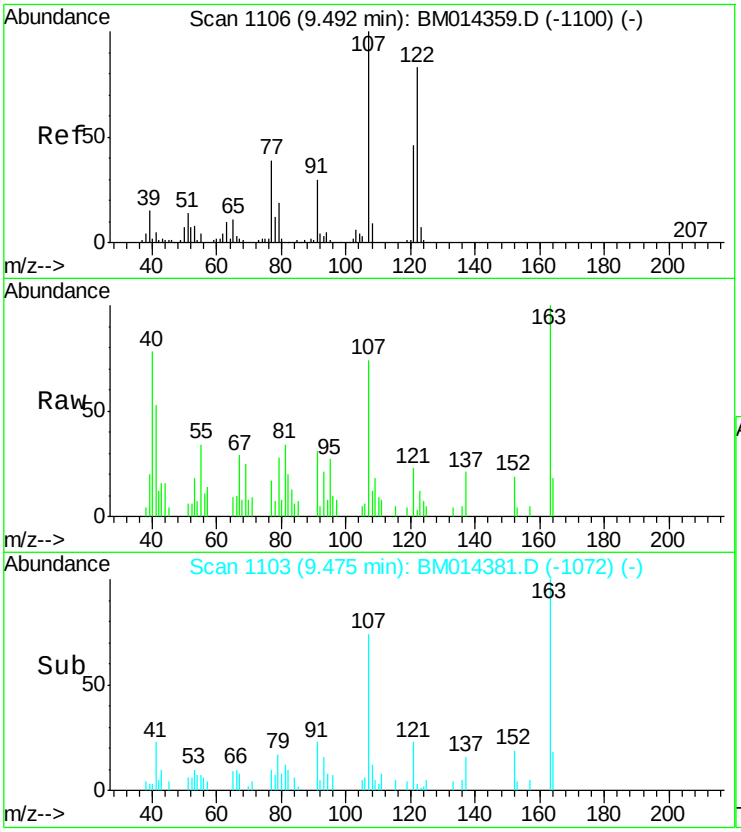


#14
Acetophenone
Concen: 2.633 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:105 Resp: 36788

Ion	Ratio	Lower	Upper
105	100		
77	94.4	74.2	111.4
51	36.1	23.4	35.2#



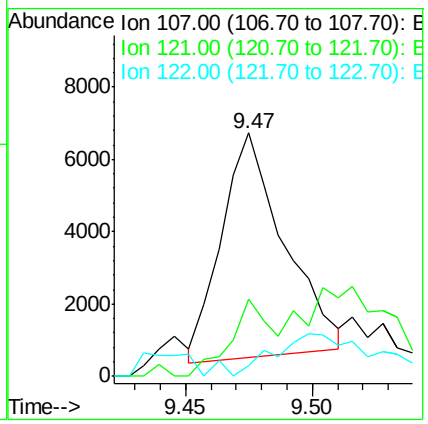


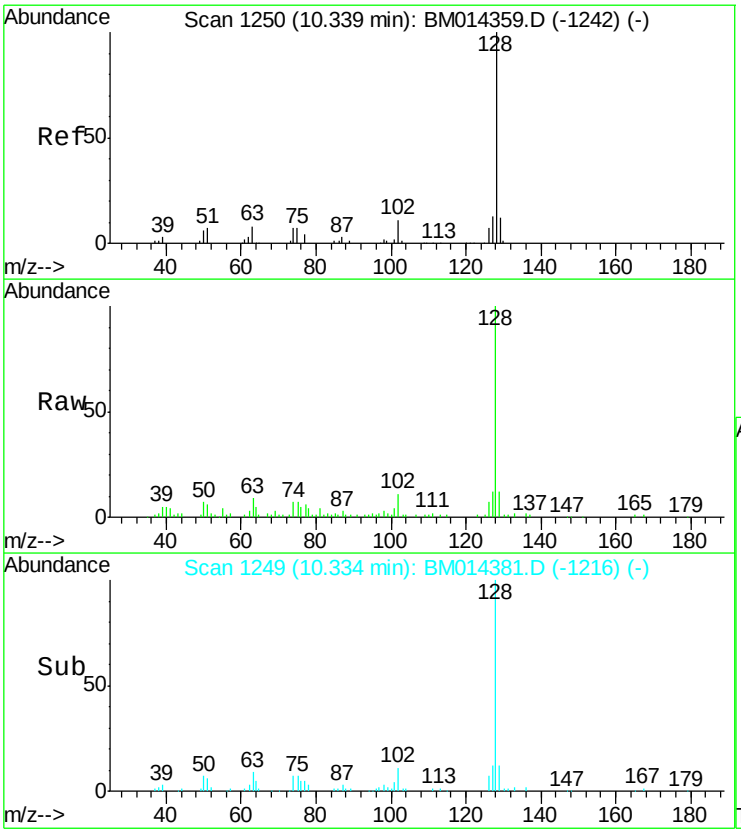
#24
2,4-Dimethylphenol
Concen: 1.210 ng/ul
RT: 9.47 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:107 Resp: 10730

Ion	Ratio	Lower	Upper
107	100		
121	31.6	31.9	47.9#
122	4.5	57.8	86.6#

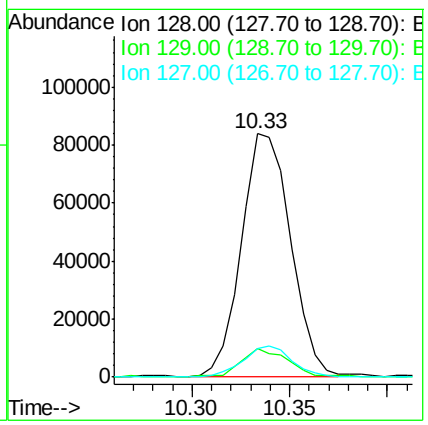


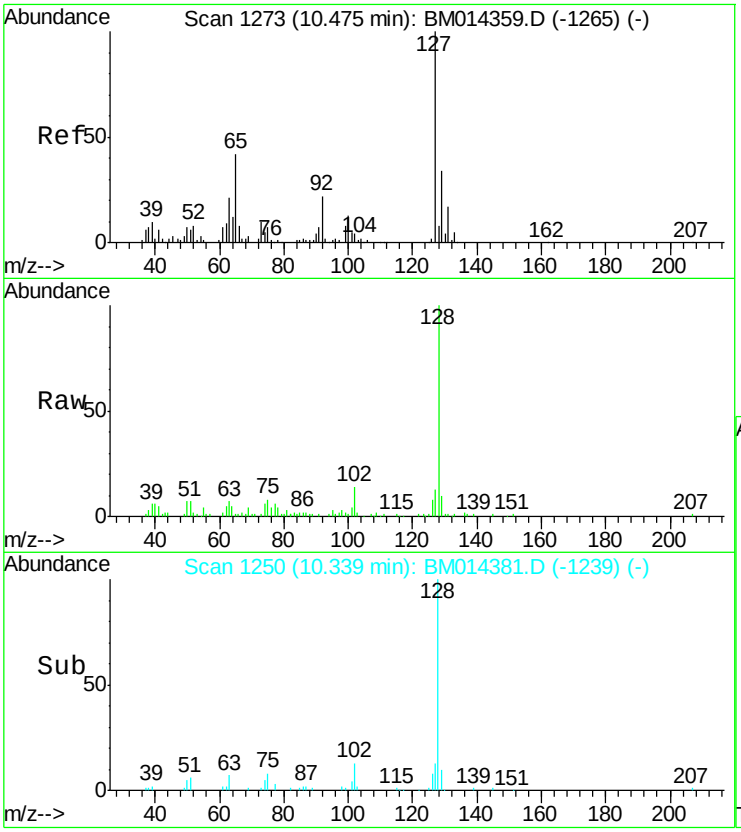


#28
Naphthalene
Concen: 6.548 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:128 Resp: 146800

Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	11.9	10.6	16.0



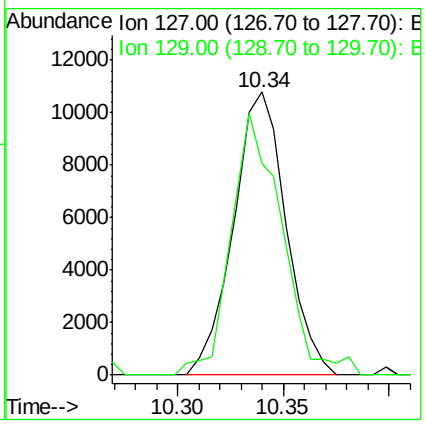


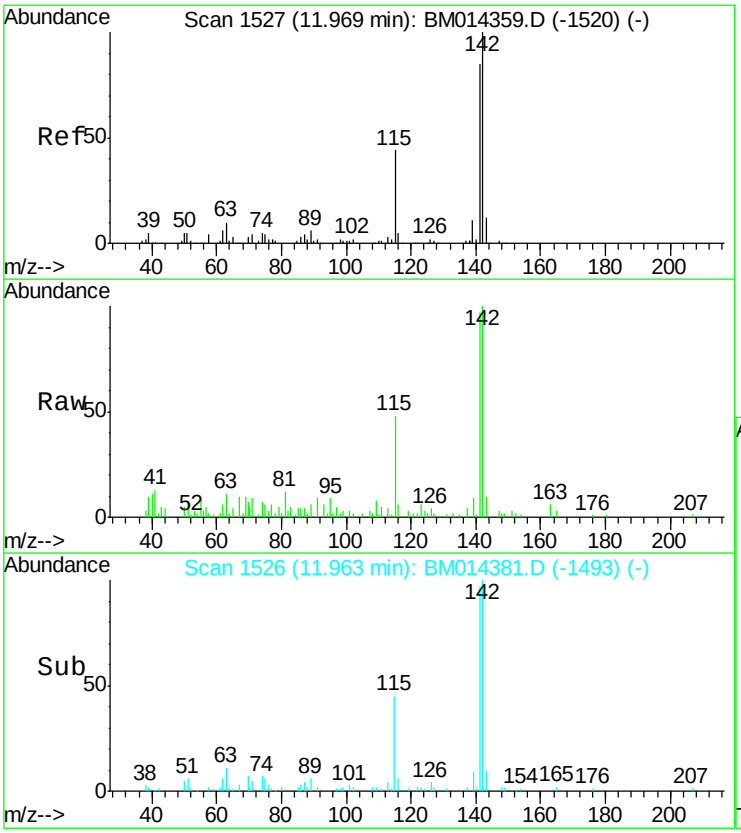
#30
4-Chloroaniline
Concen: 2.685 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. -0.14 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:127 Resp: 18654

Ion	Ratio	Lower	Upper
127	100		
129	74.6	28.4	42.6#

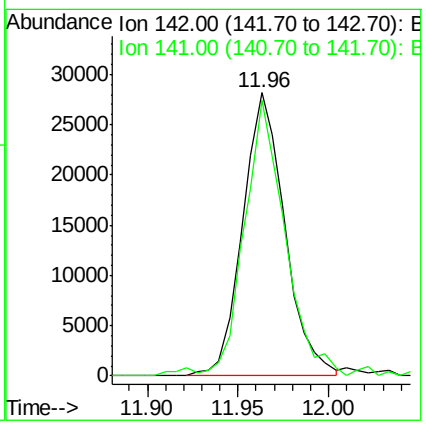


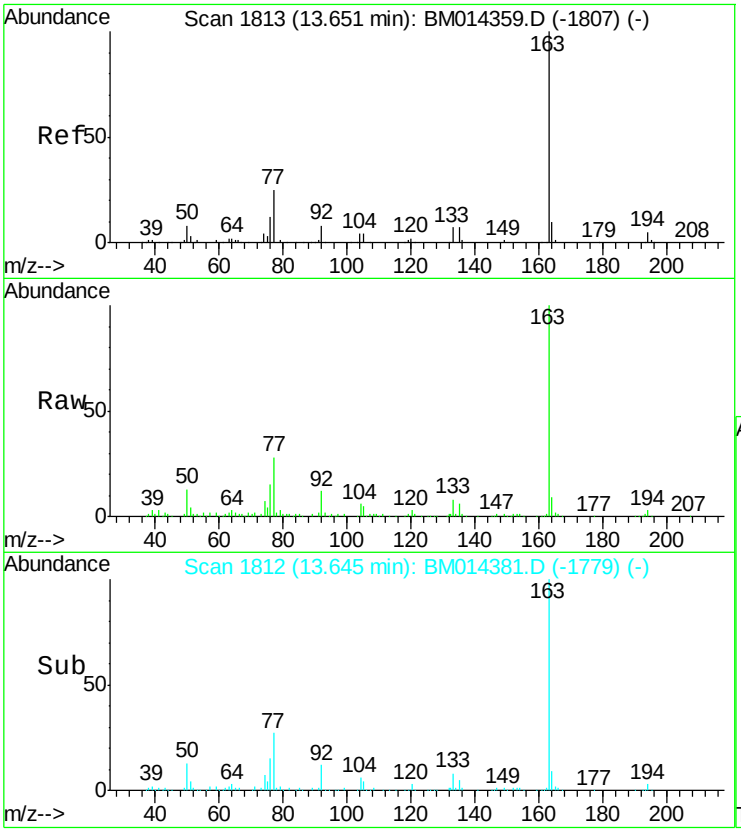


#34
2-Methylnaphthalene
Concen: 2.671 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:142 Resp: 45572

Ion	Ratio	Lower	Upper
142	100		
141	97.4	74.1	111.1



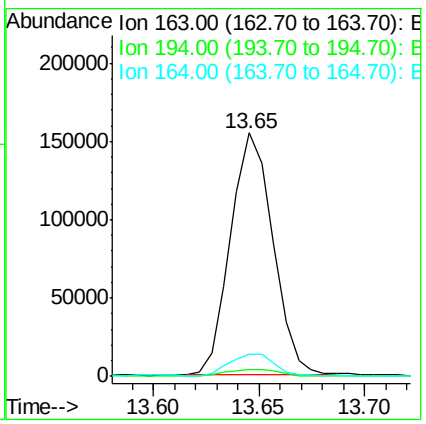


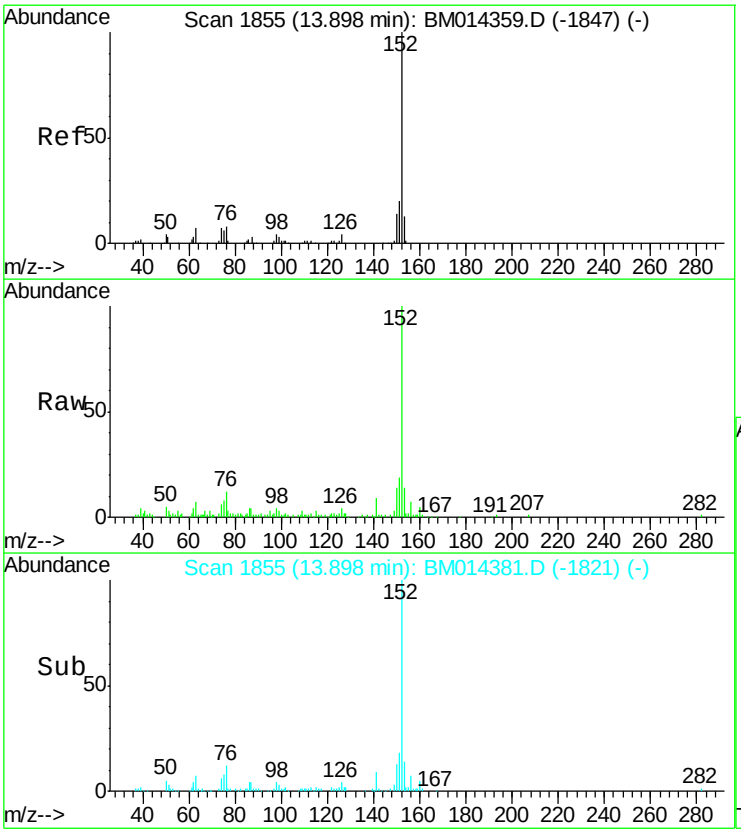
#44
Dimethylphthalate
Concen: 10.851 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:163 Resp: 215968

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.5	5.3#
164	9.2	8.2	12.4

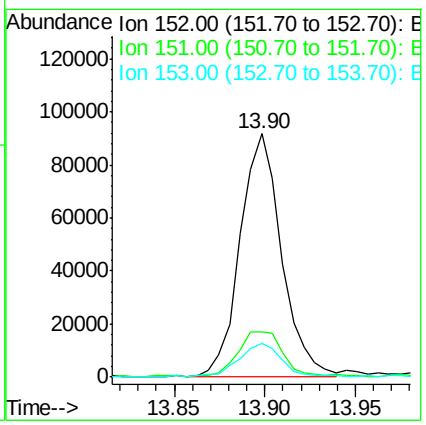


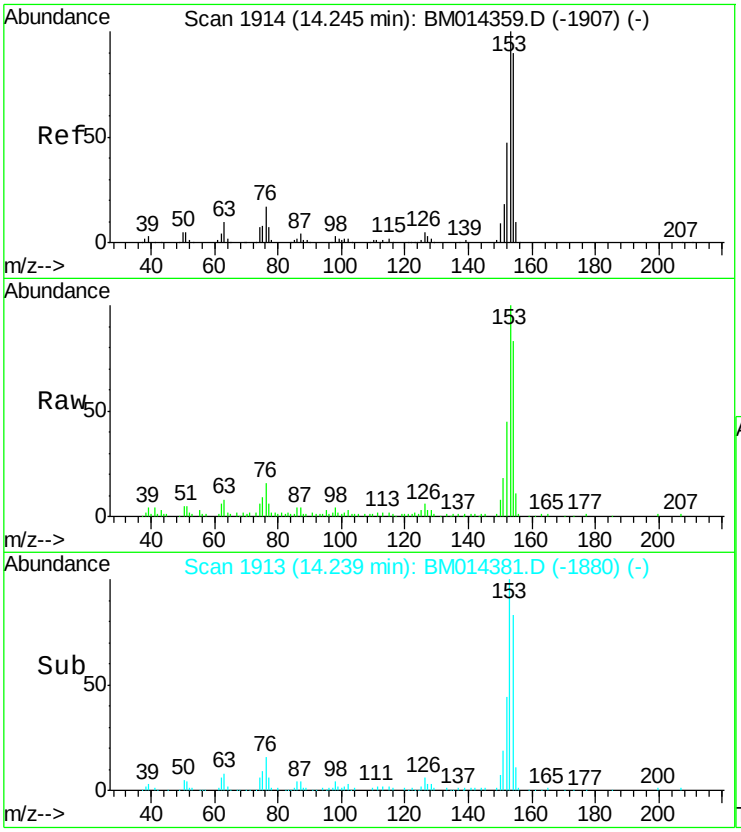


#47
Acenaphthylene
Concen: 6.234 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:152 Resp: 146639

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.3	24.5
153	13.8	10.2	15.4



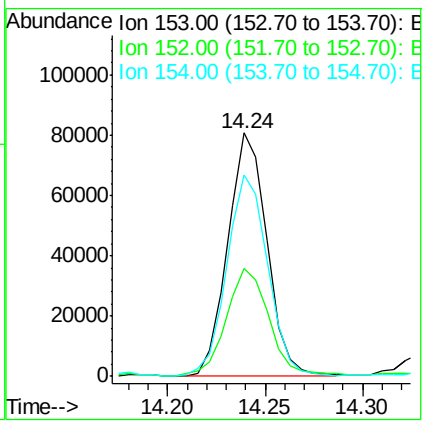


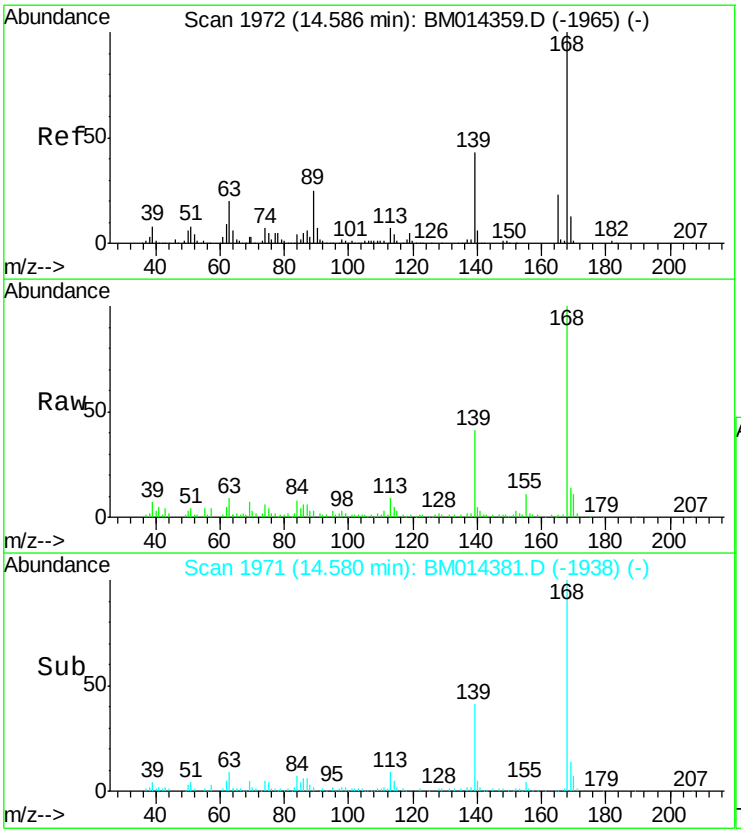
#49
Acenaphthene
Concen: 6.816 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:153 Resp: 112904

Ion	Ratio	Lower	Upper
153	100		
152	44.6	37.6	56.4
154	82.5	70.4	105.6

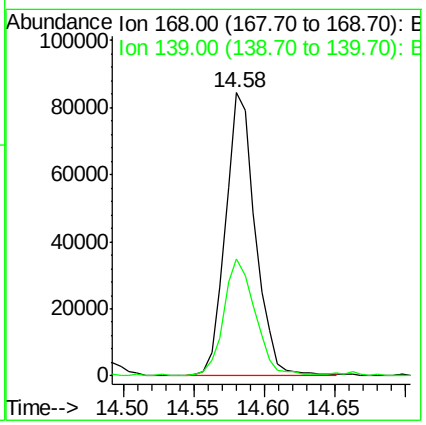


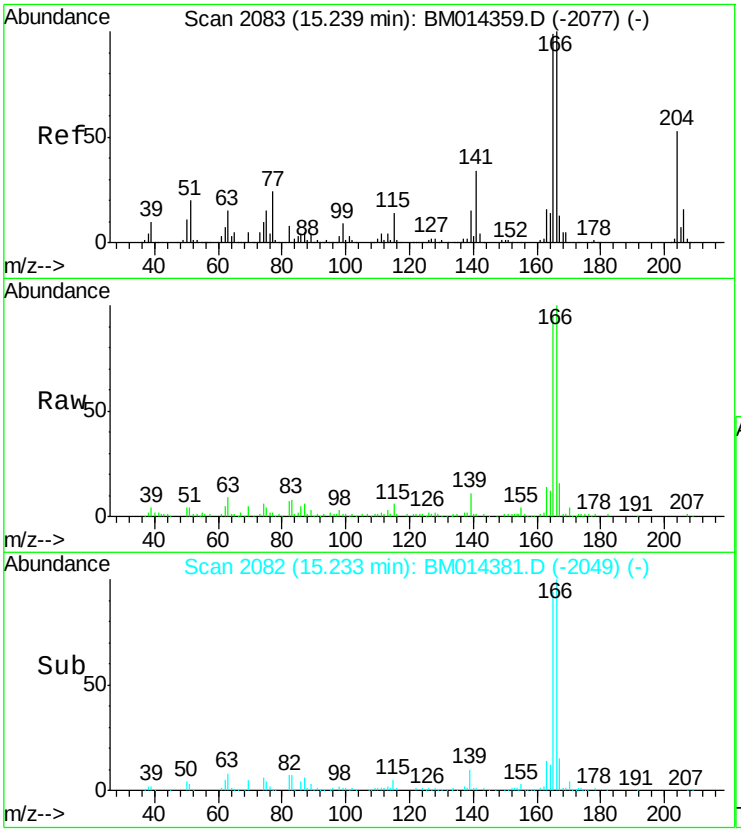


#53
Dibenzofuran
Concen: 5.000 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. -0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:168 Resp: 124177

Ion	Ratio	Lower	Upper
168	100		
139	41.4	30.8	46.2



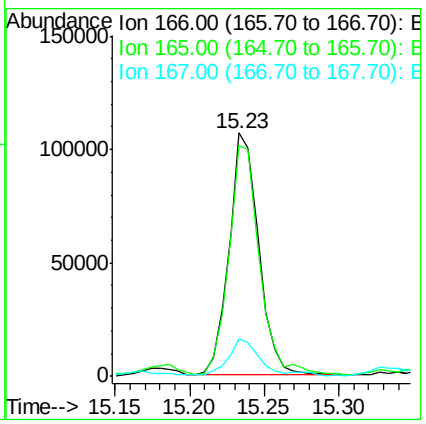


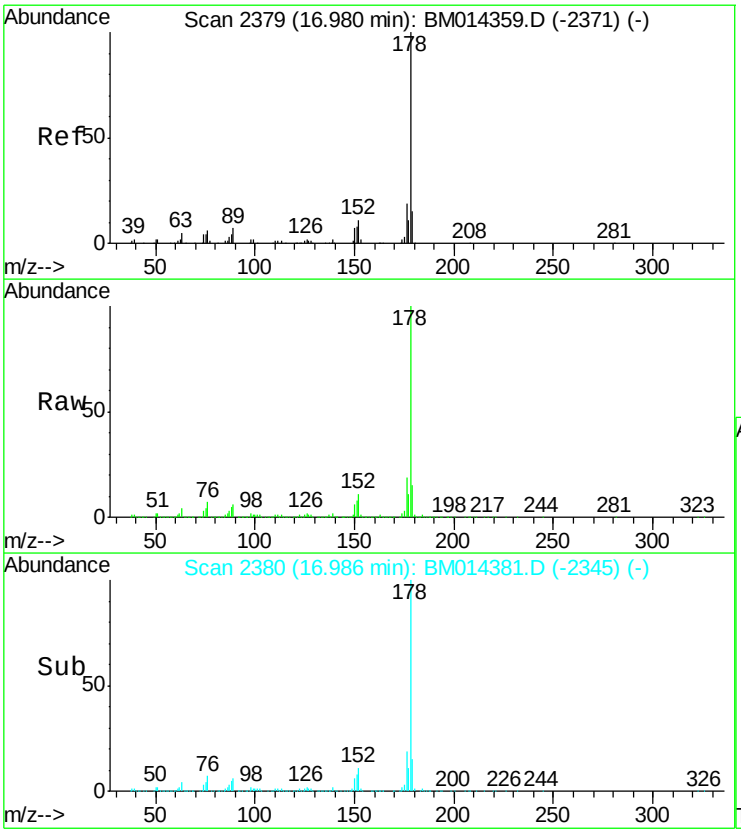
#58
Fluorene
Concen: 6.953 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:166 Resp: 149084

Ion	Ratio	Lower	Upper
166	100		
165	94.6	77.9	116.9
167	15.6	10.6	16.0

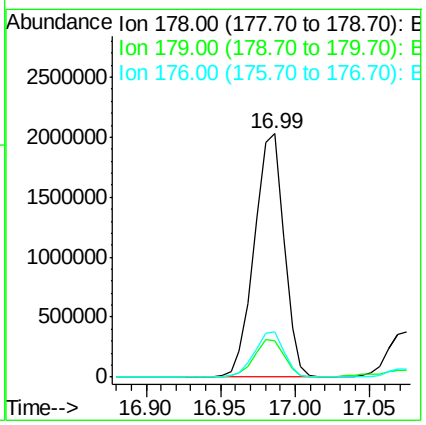


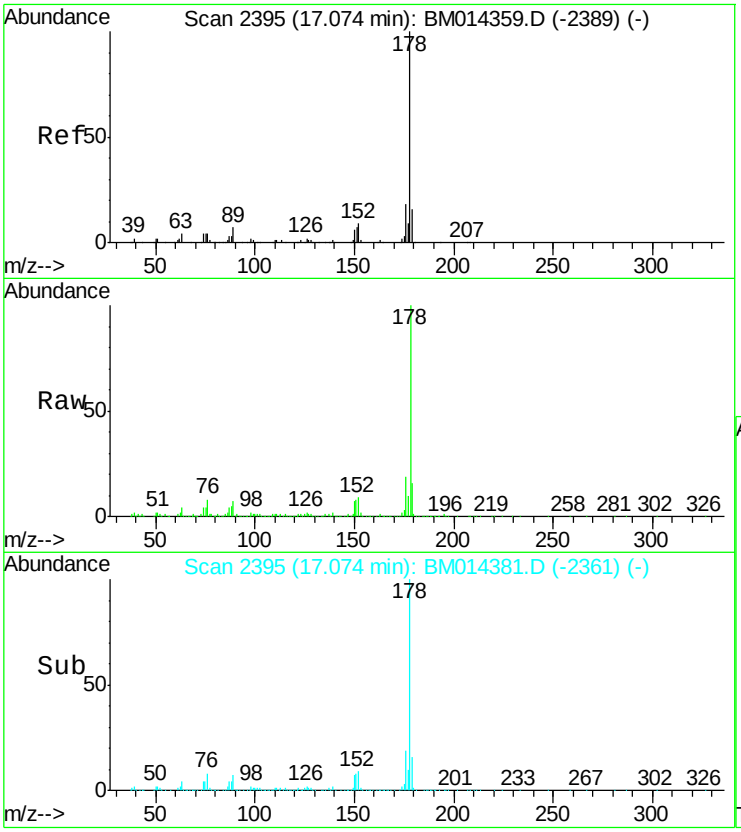


#69
Phenanthrene
Concen: 96.477 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:178 Resp: 2782062

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.6	14.9	22.3



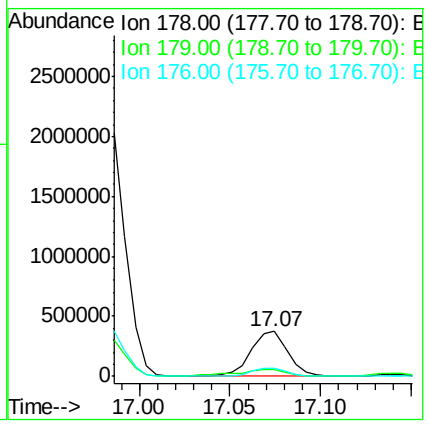


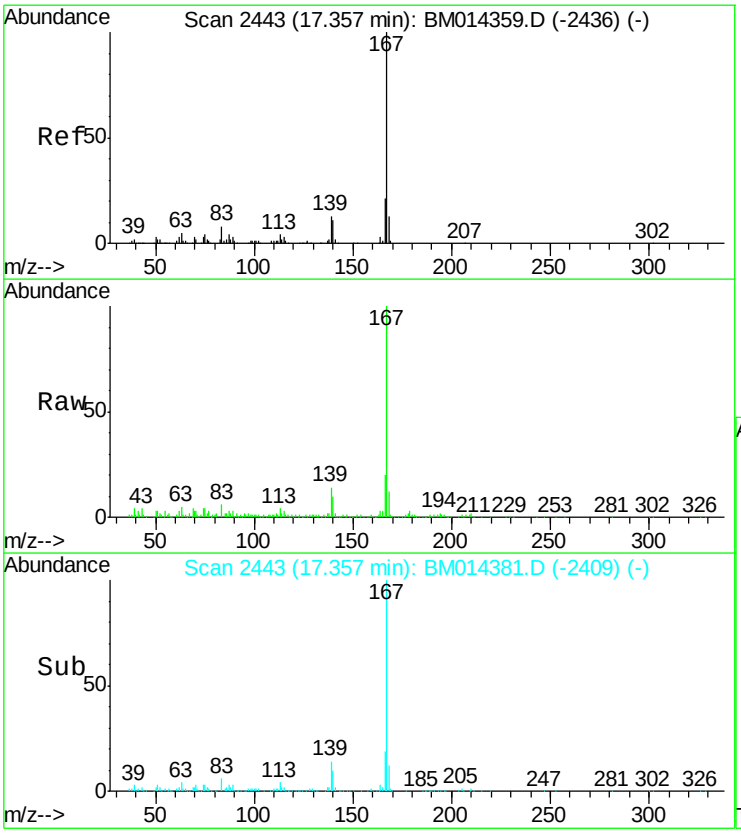
#71
Anthracene
Concen: 18.070 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:178 Resp: 524034

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.9	14.6	21.8

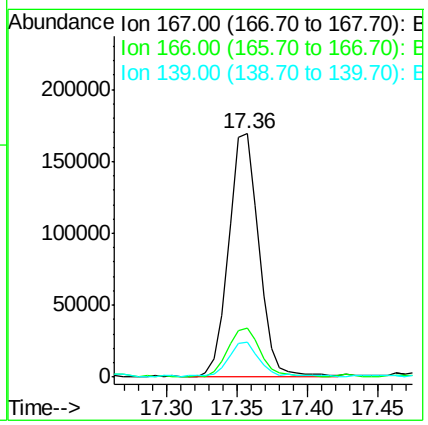


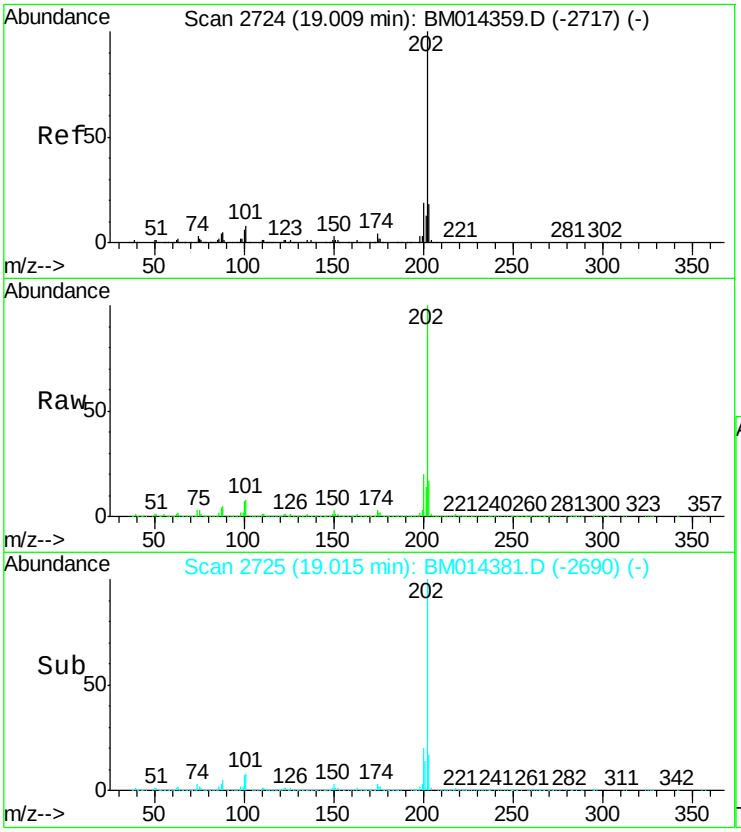


#72
Carbazole
Concen: 10.306 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:167 Resp: 251321

Ion	Ratio	Lower	Upper
167	100		
166	20.0	17.1	25.7
139	14.5	10.0	15.0



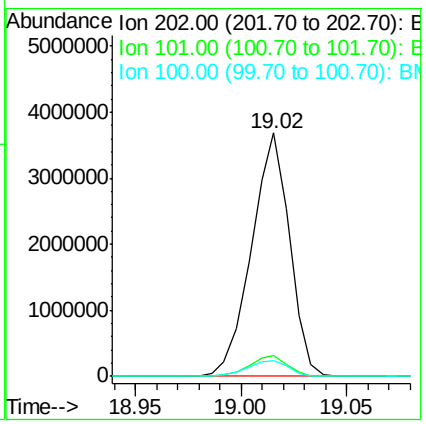


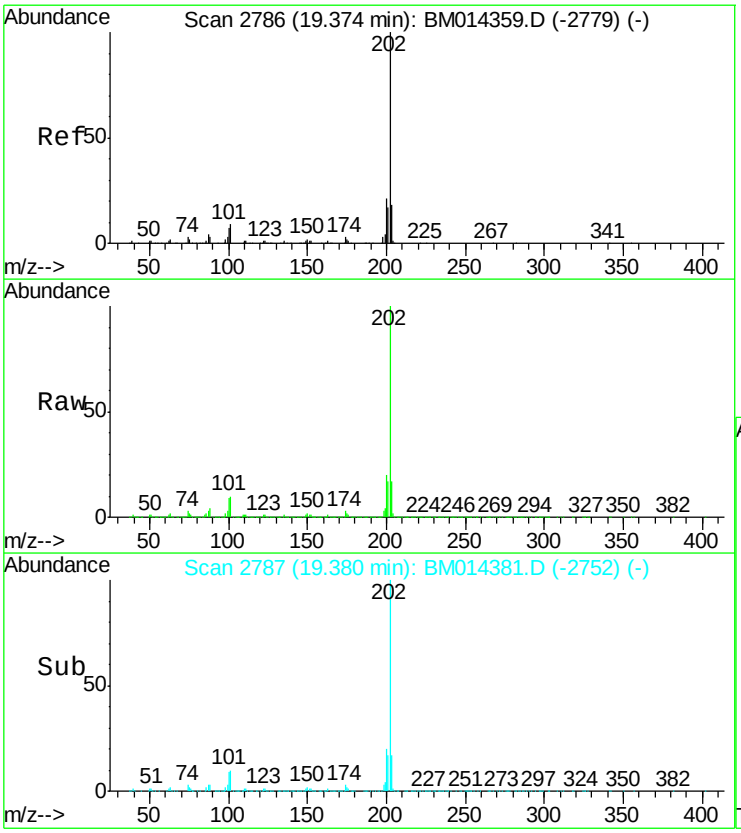
#74
Fluoranthene
Concen: 133.526 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:202 Resp: 4600221

Ion	Ratio	Lower	Upper
202	100		
101	8.5	4.6	7.0#
100	6.7	3.4	5.2#

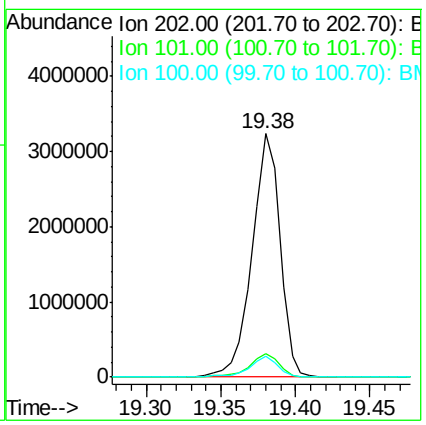


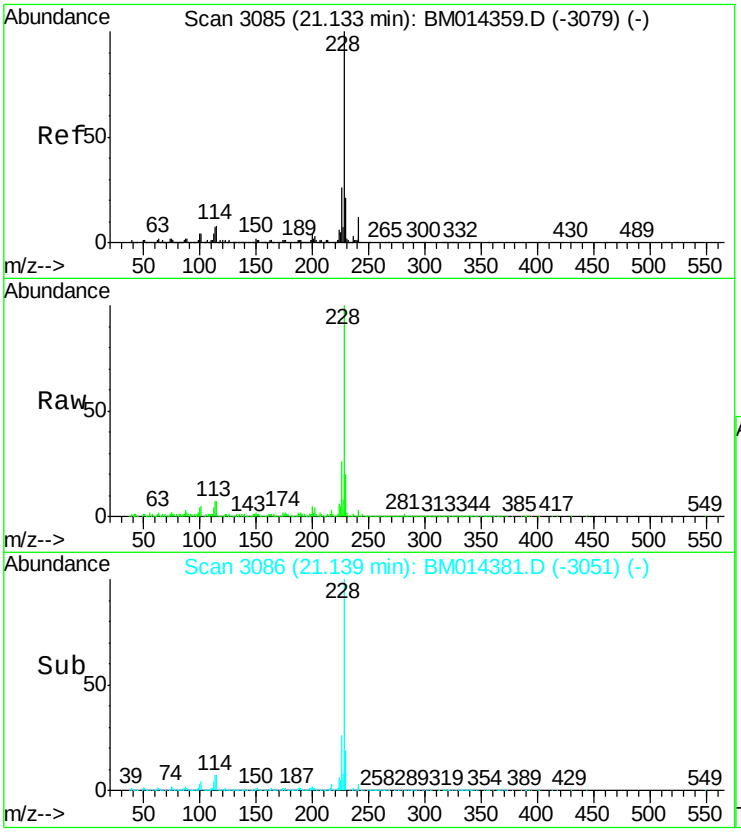


#77
Pyrene
Concen: 123.800 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:202 Resp: 4166921

Ion	Ratio	Lower	Upper
202	100		
101	9.8	5.1	7.7#
100	8.6	4.9	7.3#



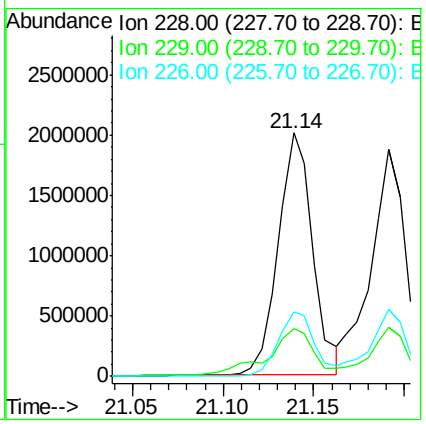


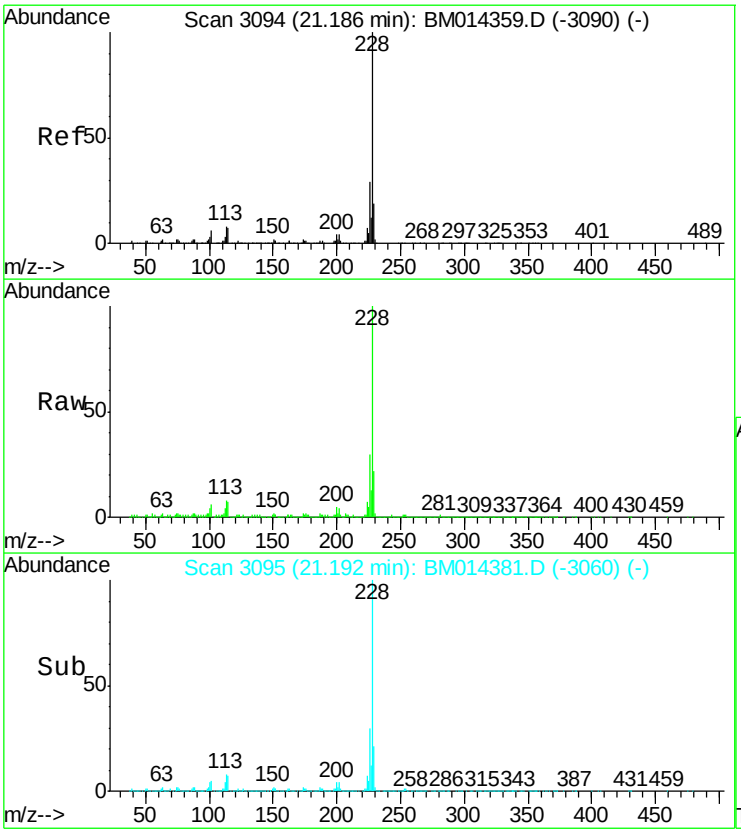
#80
Benzo(a)anthracene
Concen: 84.730 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:228 Resp: 2678194

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	26.4	21.4	32.0

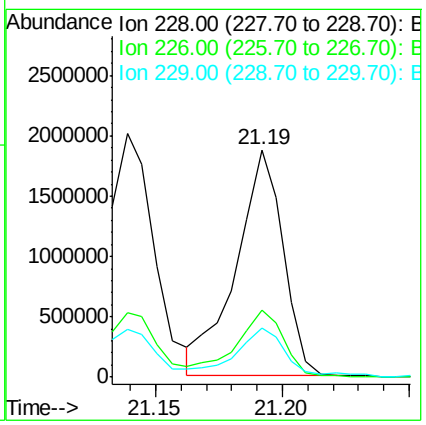


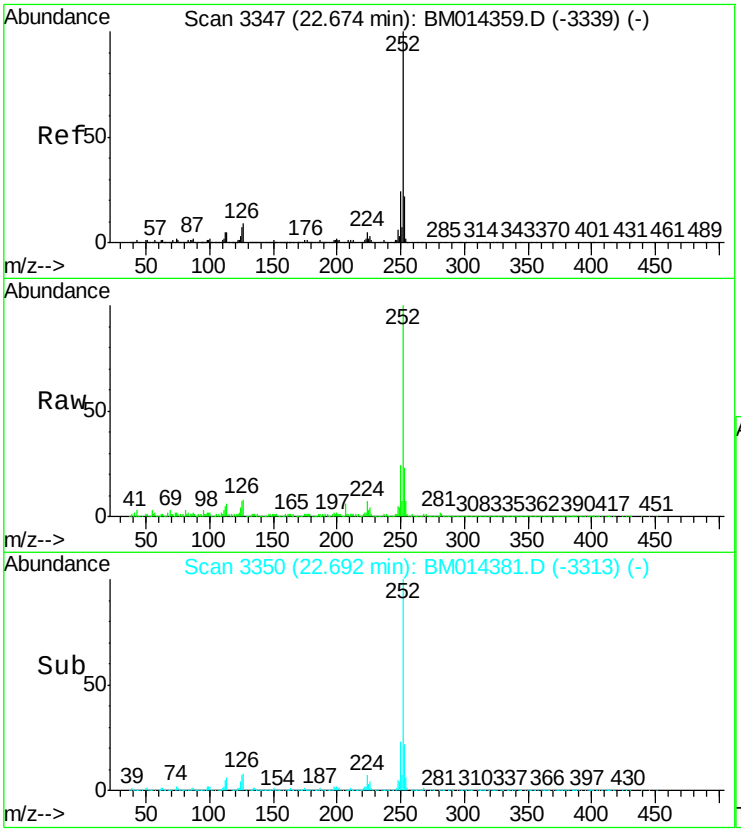


#82
Chrysene
Concen: 82.057 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:228 Resp: 2419603

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.8	15.5	23.3



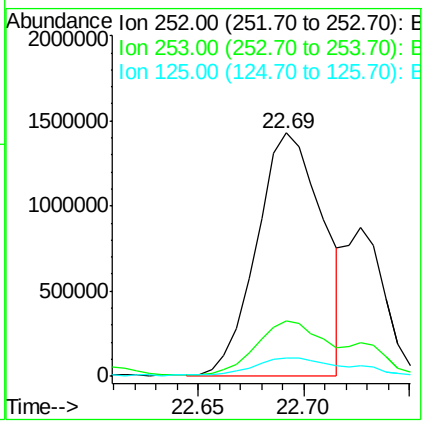


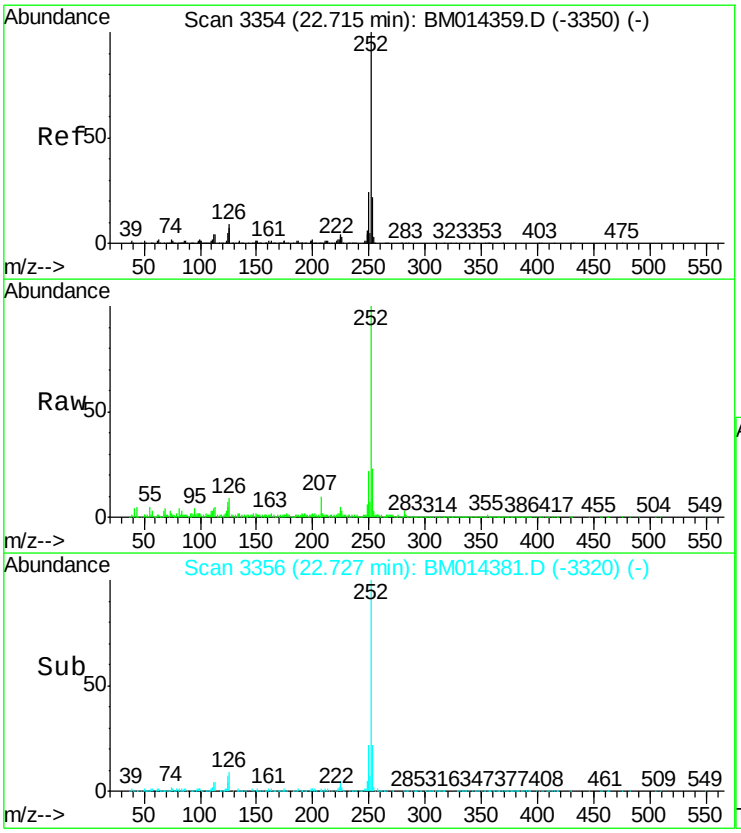
#85
Benzo(b)fluoranthene
Concen: 95.341 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. 0.02 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:252 Resp: 3095068

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	7.4	3.6	5.4#

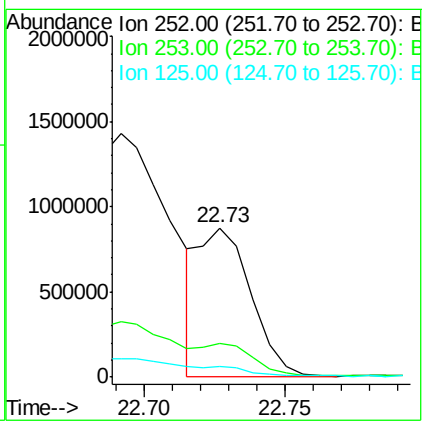


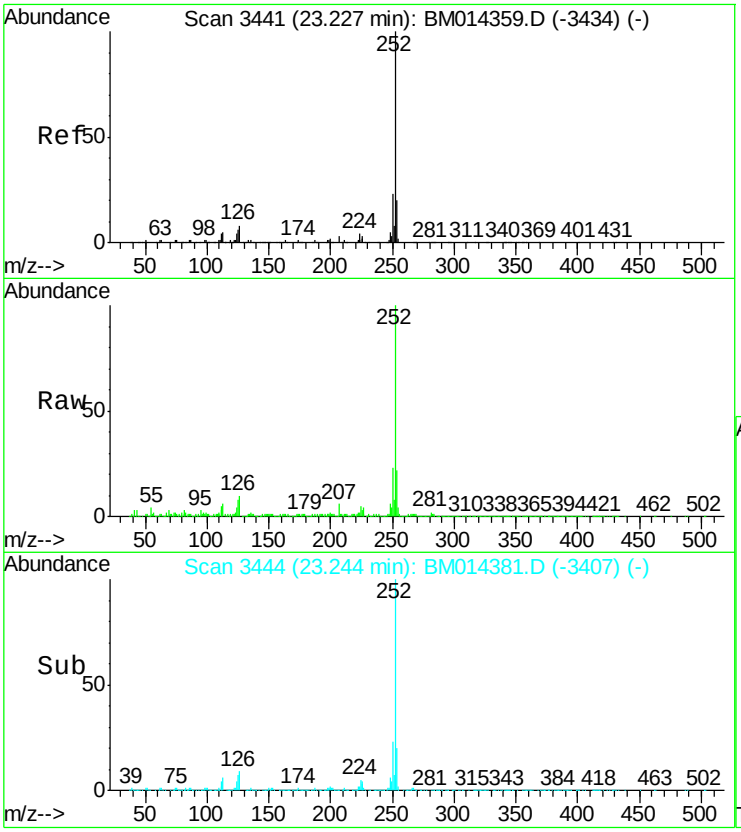


#86
Benzo(k)fluoranthene
Concen: 35.404 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:252 Resp: 1092736

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	7.4	3.4	5.2#



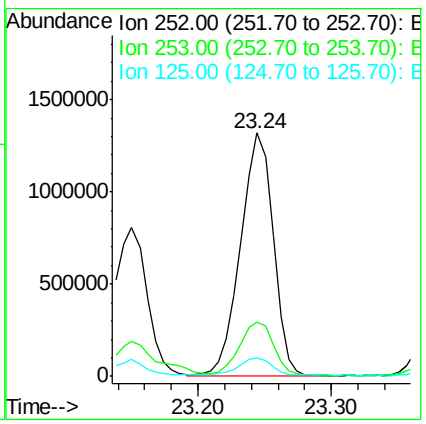


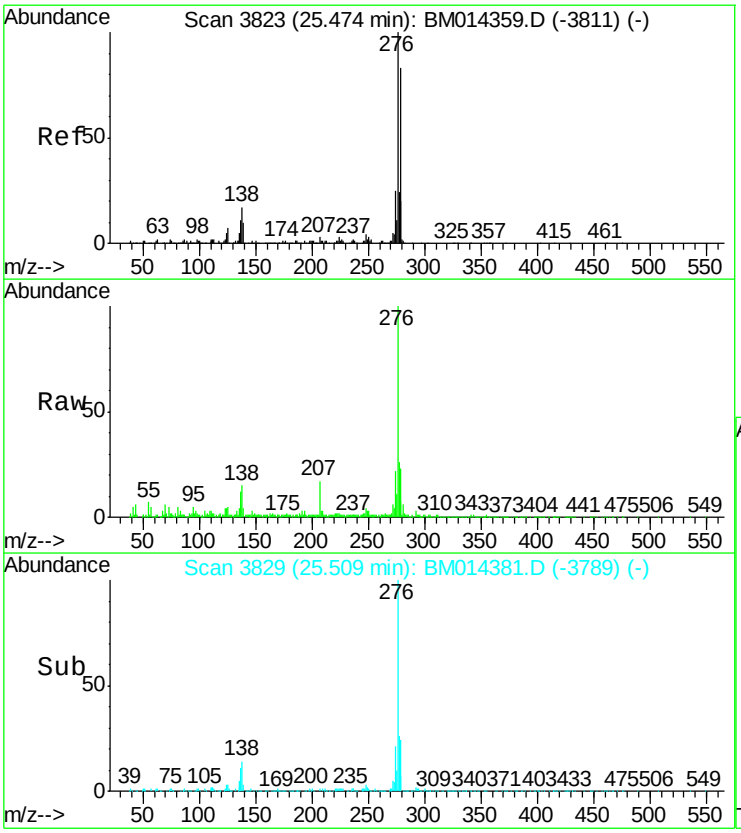
#88
Benzo(a)pyrene
Concen: 76.689 ng/ul
RT: 23.24 min Scan# 3444
Delta R.T. 0.02 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:252 Resp: 2224663

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.7	4.0	6.0#

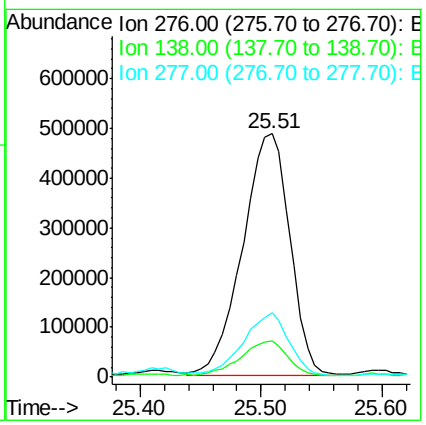


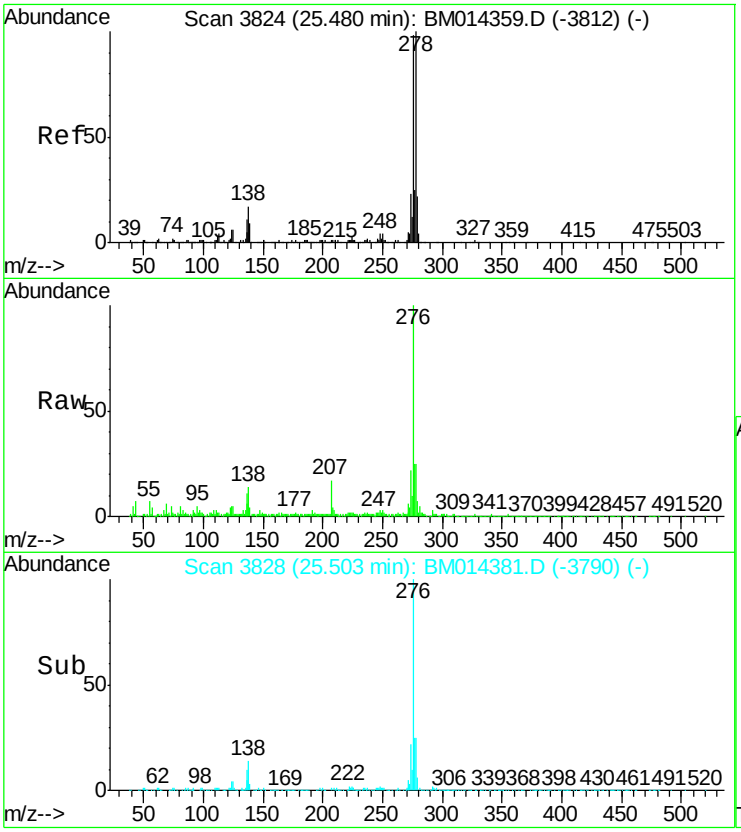


#89
Indeno(1,2,3-cd)pyrene
Concen: 46.724 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.04 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:276 Resp: 1315270

Ion	Ratio	Lower	Upper
276	100		
138	14.7	9.3	13.9#
277	26.2	19.9	29.9



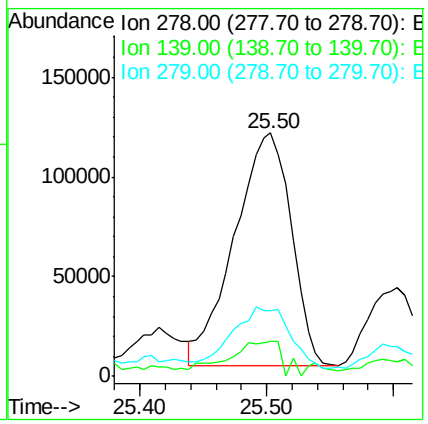


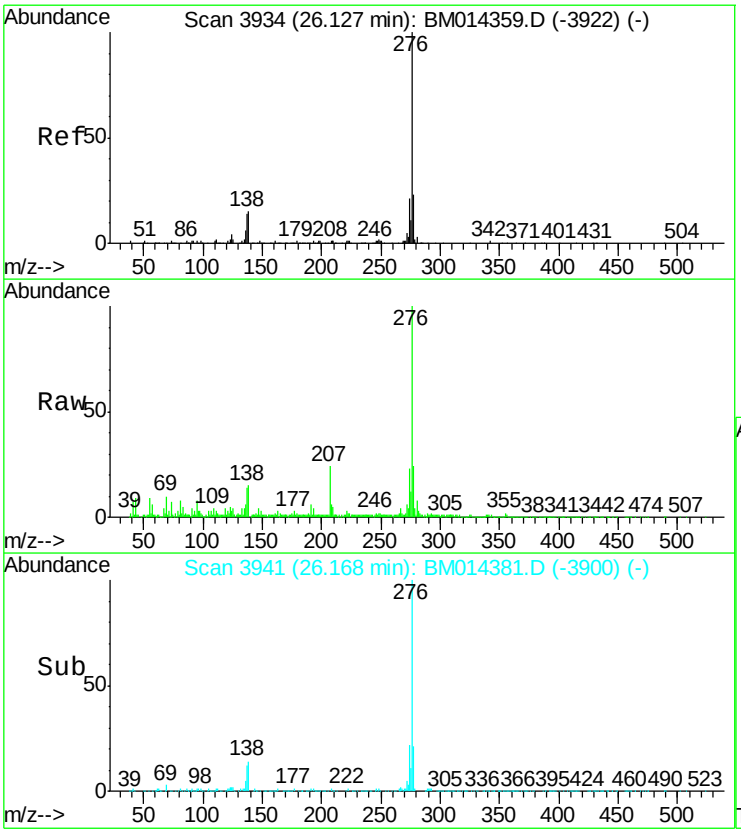
#90
Dibenzo(a,h)anthracene
Concen: 15.426 ng/ul
RT: 25.50 min Scan# 3828
Delta R.T. 0.02 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Instrument :
BNA_M
ClientSampleId :
BE5Y7

Tgt Ion:278 Resp: 360810

Ion	Ratio	Lower	Upper
278	100		
139	14.4	5.8	8.8#
279	27.1	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 40.471 ng/ul
RT: 26.17 min Scan# 3941
Delta R.T. 0.04 min
Lab File: BM014381.D
Acq: 27 Feb 2018 14:12

Tgt Ion:276 Resp: 922897

Ion	Ratio	Lower	Upper
276	100		
138	15.0	8.5	12.7#
277	24.5	18.6	28.0