Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 27 01:37:34 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 01:33:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	118317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	531481	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	321070	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	739546	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	705500	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	537993	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	18676	6.76	ng/uL	0.00
5) Phenol-d5	6.72	99	405378	40.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	244160	40.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	334267	43.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	340022	38.86	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	179461	45.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	196201	48.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	341960	40.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	374136	45.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	1221368	46.06	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1539596	47.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	126150	34.46	ng/ul	0.00
57) Fluorene-d10	15.18	176	1040731	43.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	154665	34.86	ng/ul	0.00
70) Anthracene-d10	17.04	188	1596695	44.75	ng/ul	0.00
76) Pyrene-d10	19.34	212	1775583	48.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.32	264	537665	20.53	ng/ul	0.14
Target Compounds						Qvalue
6) Phenol	6.75	94	44200	4.212	ng/ul	92
28) Naphthalene	10.34	128	33099	1.213	ng/ul#	94
44) Dimethylphthalate	13.65	163	446187	17.065	ng/ul	97
45) 2,6-Dinitrotoluene	13.65	165	5457	1.099	ng/ul#	40
47) Acenaphthylene	13.90	152	38701	1.252	ng/ul#	94
49) Acenaphthene	14.25	153	43456	1.997	ng/ul	95
53) Dibenzofuran	14.59	168	45040	1.380	ng/ul	100
58) Fluorene	15.24	166	44265	1.571	ng/ul	99
69) Phenanthrene	16.98	178	1134941	26.636	ng/ul	99
71) Anthracene	17.07	178	172751	4.031	ng/ul	96
72) Carbazole	17.36	167	82986	2.303	ng/ul#	91
74) Fluoranthene	19.01	202	1644716	32.308	ng/ul#	92
77) Pyrene	19.37	202	1481845	31.606	ng/ul#	92
80) Benzo(a)anthracene	21.13	228	604192	13.722	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	250298	9.015	ng/ul#	93
82) Chrysene	21.19	228	581236	14.151	ng/ul	98
85) Benzo(b)fluoranthene	22.67	252	583765	16.205	ng/ul#	95
86) Benzo(k)fluoranthene	22.67	252	583765	17.045	ng/ul#	97
88) Benzo(a)pyrene	23.23	252	392090	12.180	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.47	276	218182	6.985	ng/ul	93
90) Dibenzo(a,h)anthracene	25.47	278	55017	2.120	ng/ul#	95
91) Benzo(g,h,i)perylene	26.13	276	160470	6.342	ng/ul#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 01:37:34 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 01:33:52 2018
Response via : Initial Calibration

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

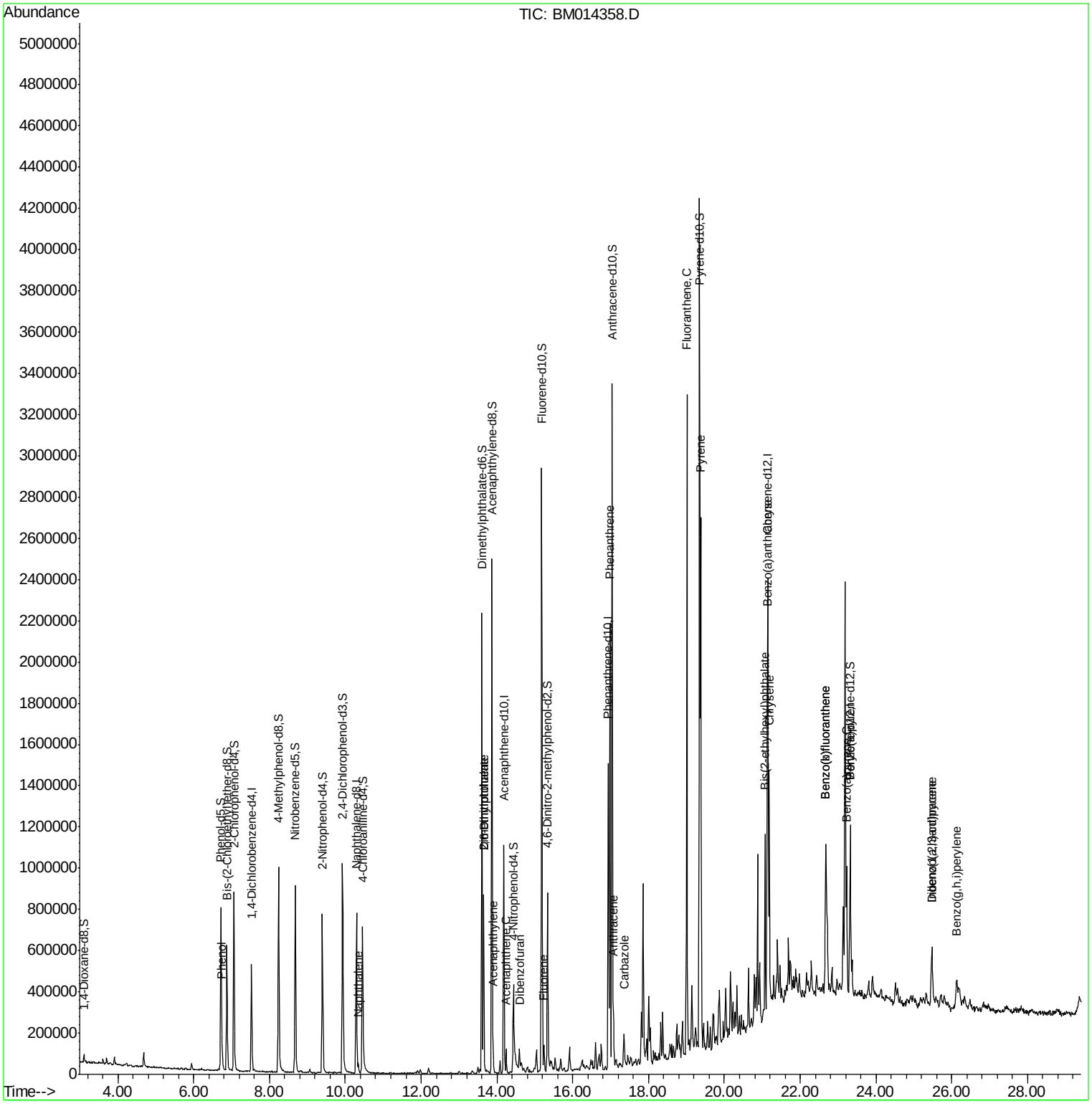
(#) = qualifier out of range (m) = manual integration (+) = signals summed

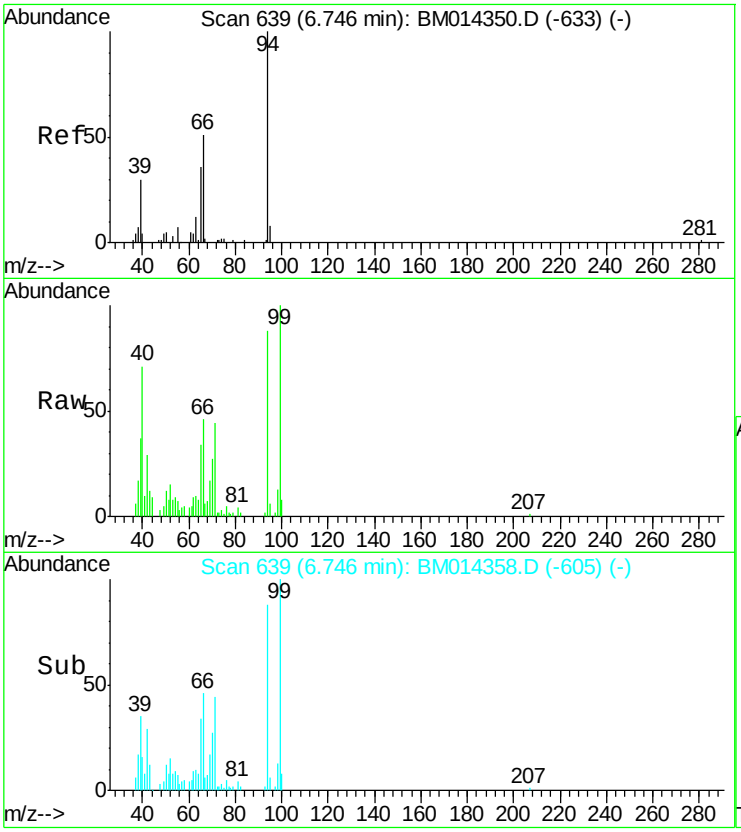
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 01:37:34 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 01:33:52 2018
Response via : Initial Calibration



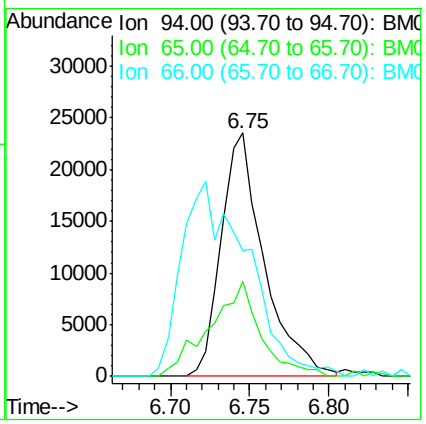


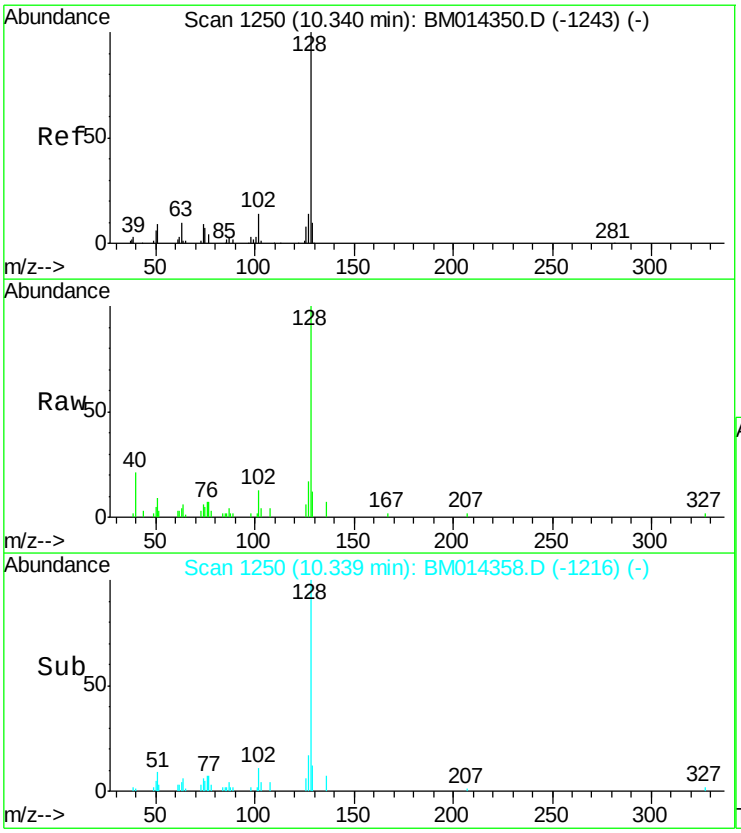
#6
Phenol
Concen: 4.212 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 44200

Ion	Ratio	Lower	Upper
94	100		
65	38.9	28.2	42.4
66	51.9	47.2	70.8

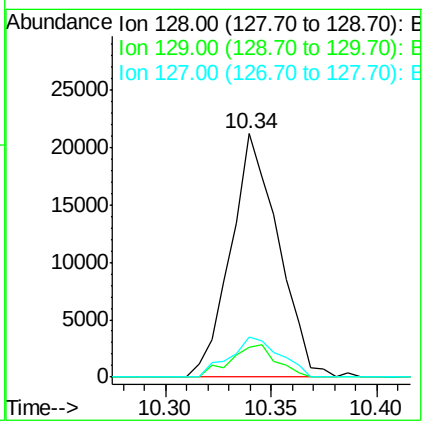


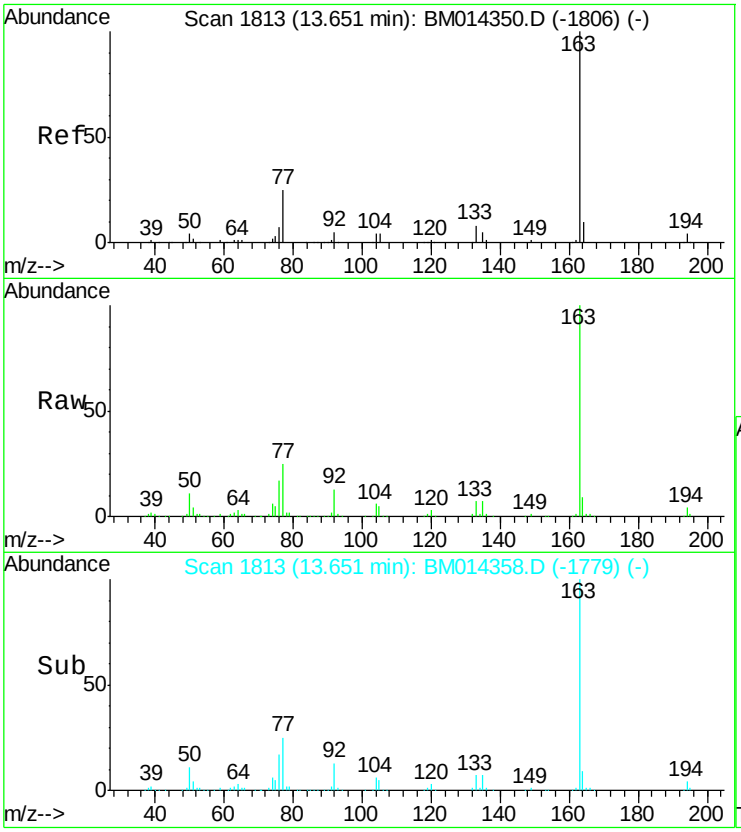


#28
Naphthalene
Concen: 1.213 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:128 Resp: 33099

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	16.6	10.6	16.0#



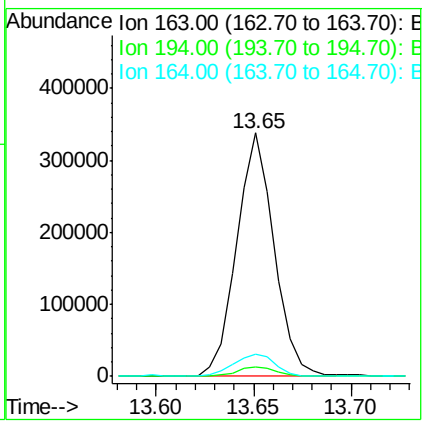


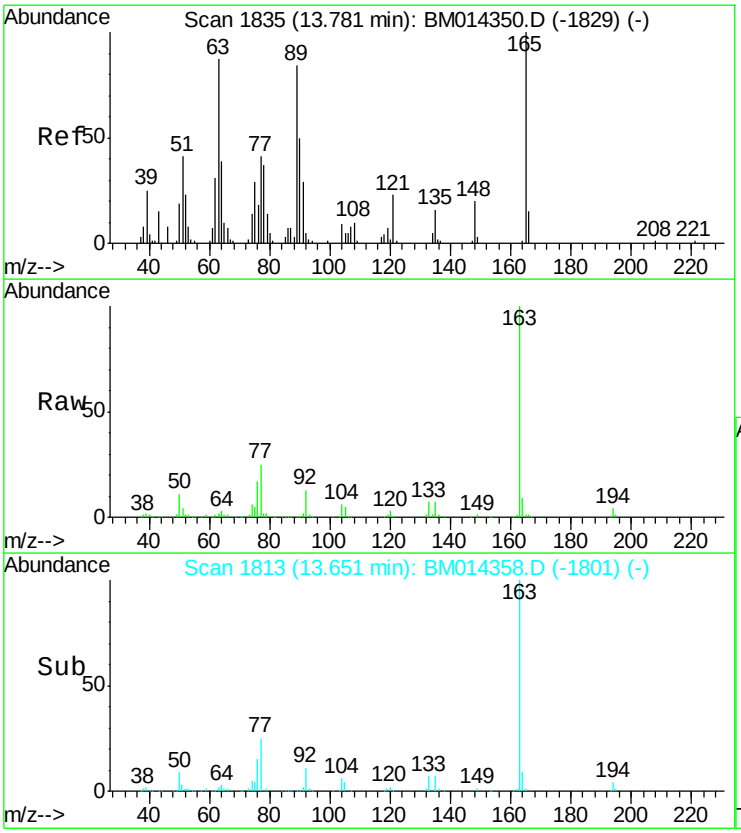
#44
Dimethylphthalate
Concen: 17.065 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 446187

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.0	8.2	12.4

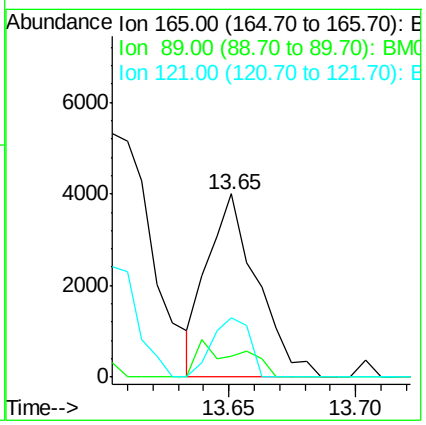


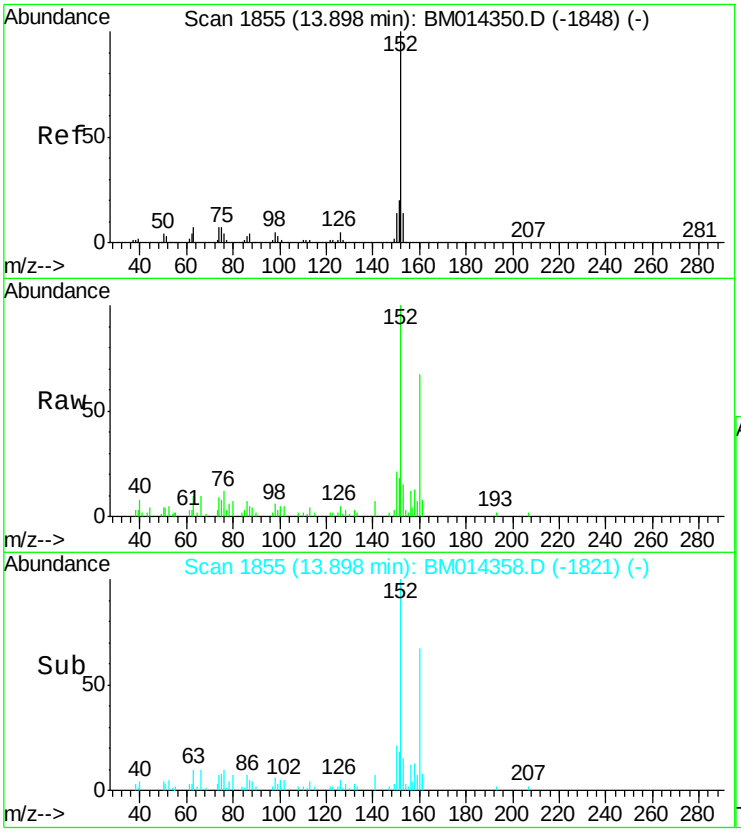


#45
2,6-Dinitrotoluene
Concen: 1.099 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. -0.13 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:165 Resp: 5457

Ion	Ratio	Lower	Upper
165	100		
89	11.4	52.6	79.0#
121	32.4	14.6	22.0#



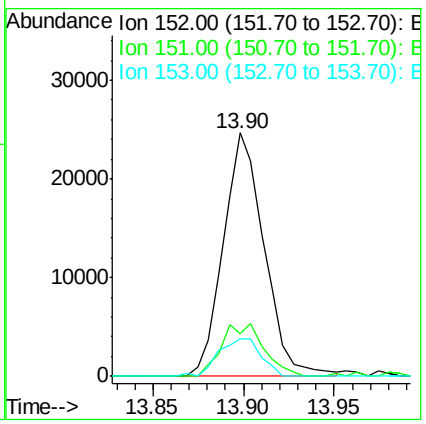


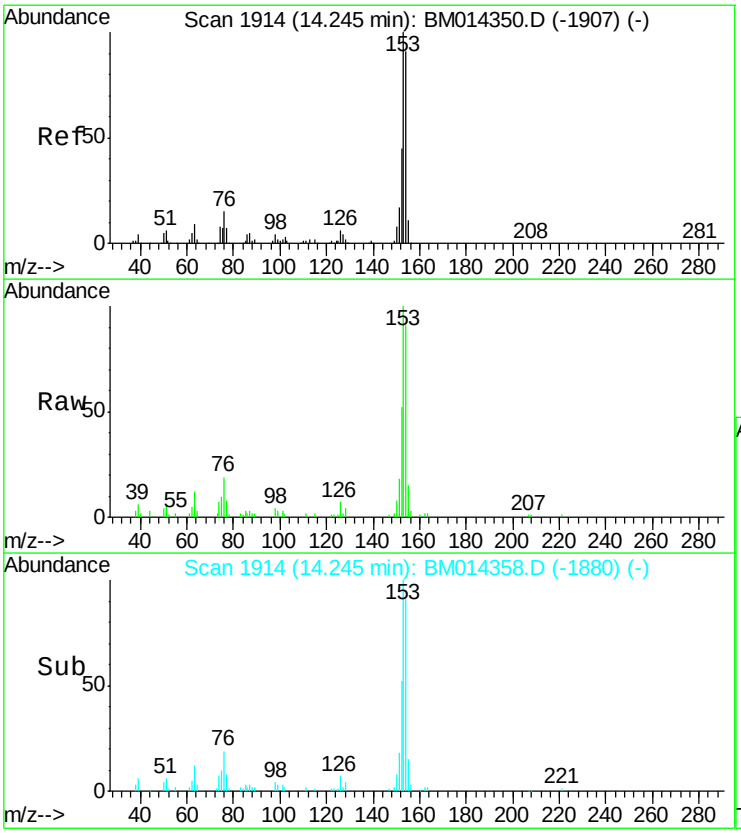
#47
Acenaphthylene
Concen: 1.252 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 38701

Ion	Ratio	Lower	Upper
152	100		
151	17.6	16.3	24.5
153	15.4	10.2	15.4#

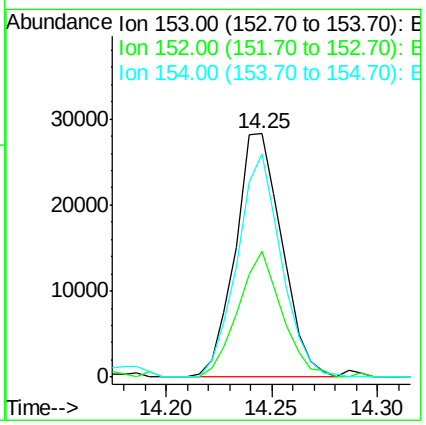


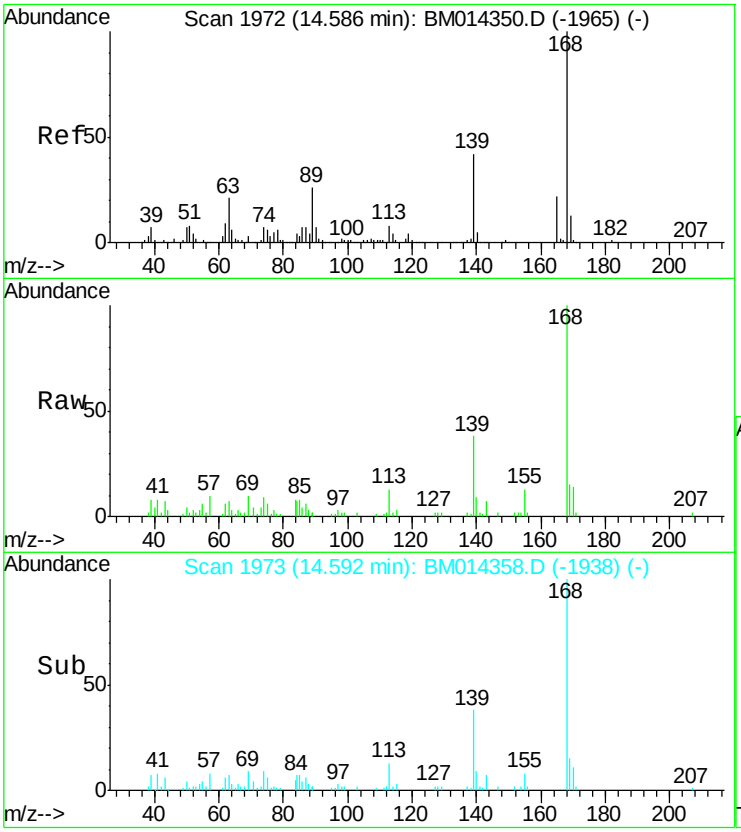


#49
Acenaphthene
Concen: 1.997 ng/ul
RT: 14.25 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:153 Resp: 43456

Ion	Ratio	Lower	Upper
153	100		
152	51.5	37.6	56.4
154	91.4	70.4	105.6



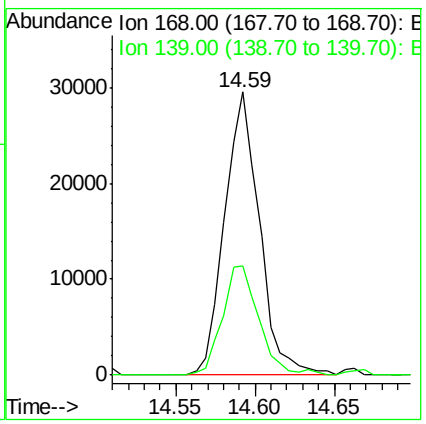


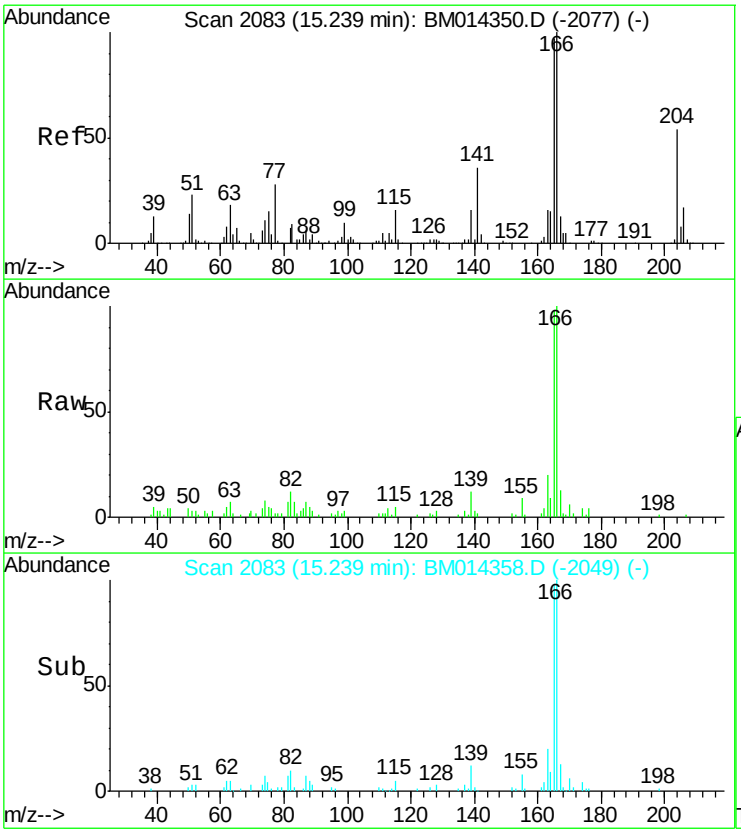
#53
Dibenzofuran
Concen: 1.380 ng/ul
RT: 14.59 min Scan# 1973
Delta R.T. 0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 45040

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.8	46.2

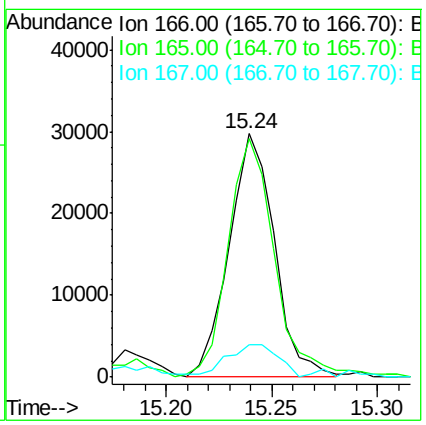


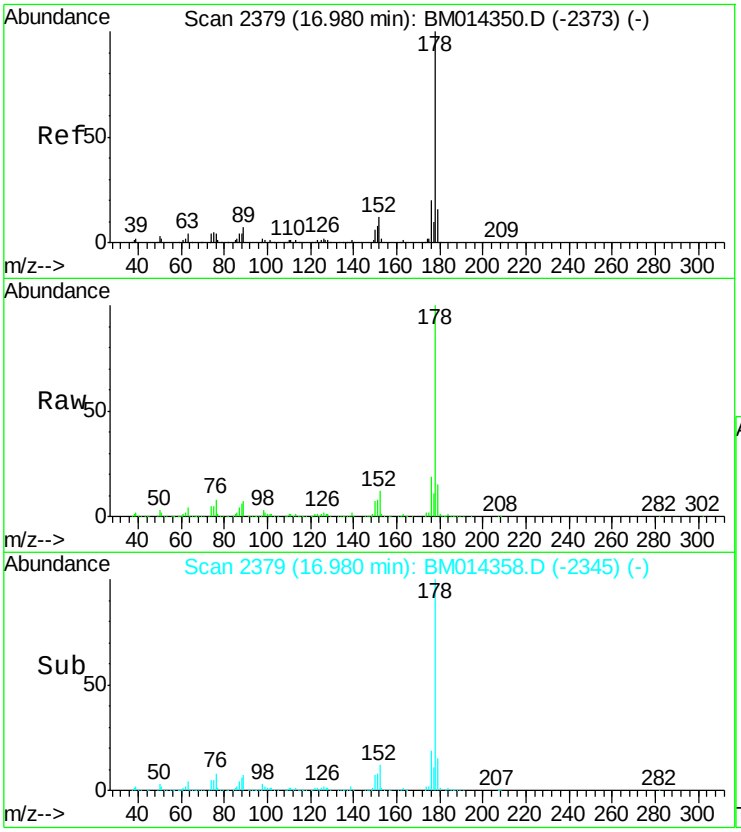


#58
Fluorene
Concen: 1.571 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:166 Resp: 44265

Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	13.4	10.6	16.0



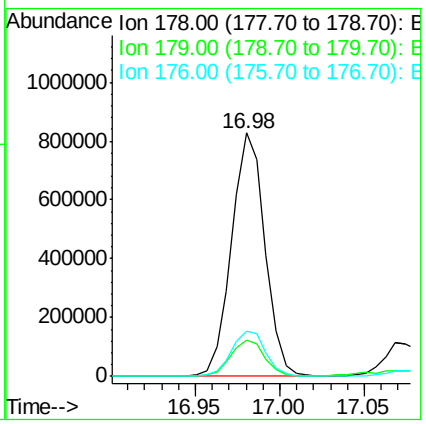


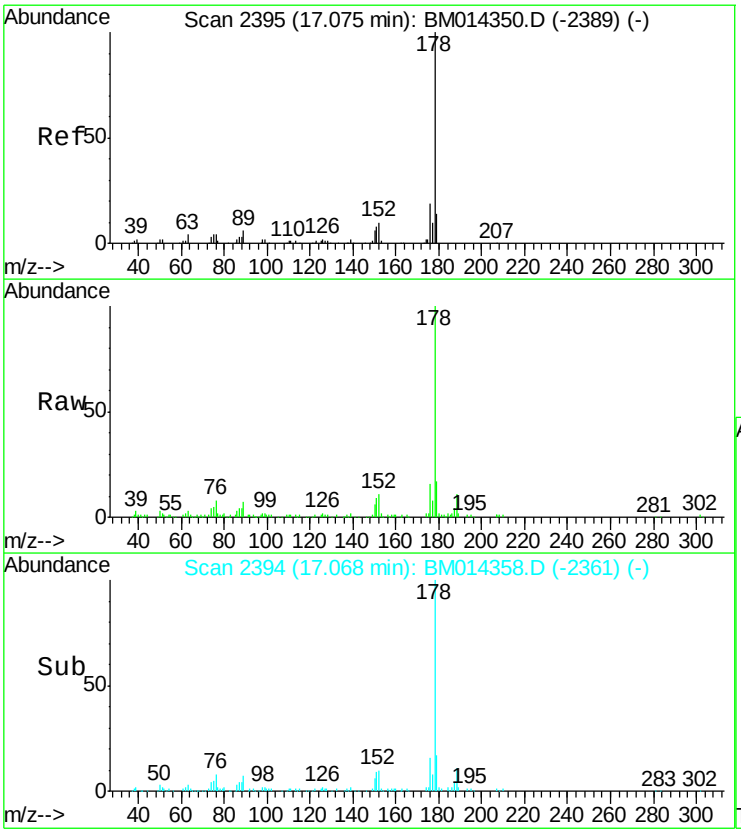
#69
Phenanthrene
Concen: 26.636 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1134941

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.6	14.9	22.3

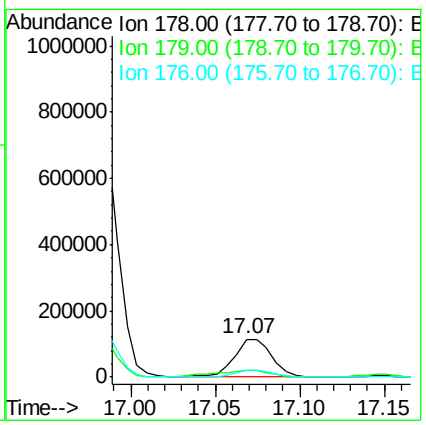


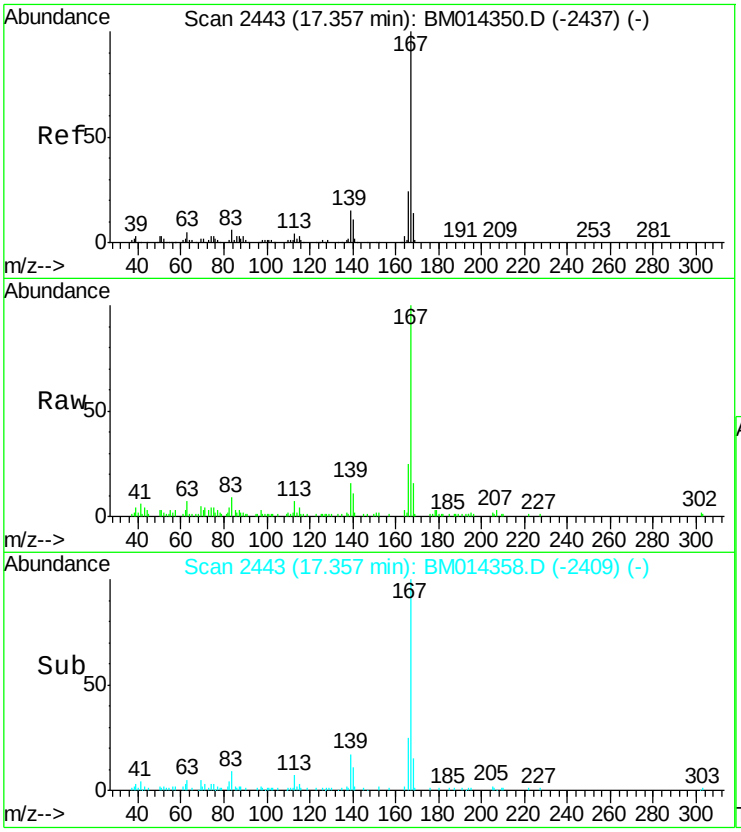


#71
Anthracene
Concen: 4.031 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:178 Resp: 172751

Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.7	17.5
176	16.5	14.6	21.8



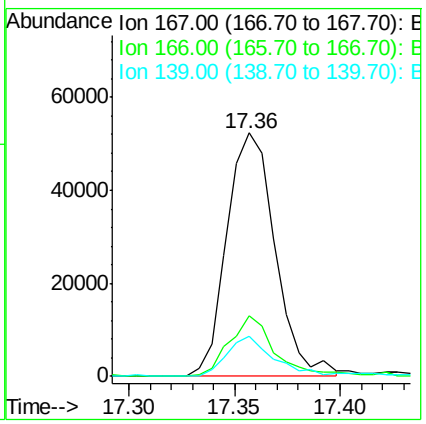


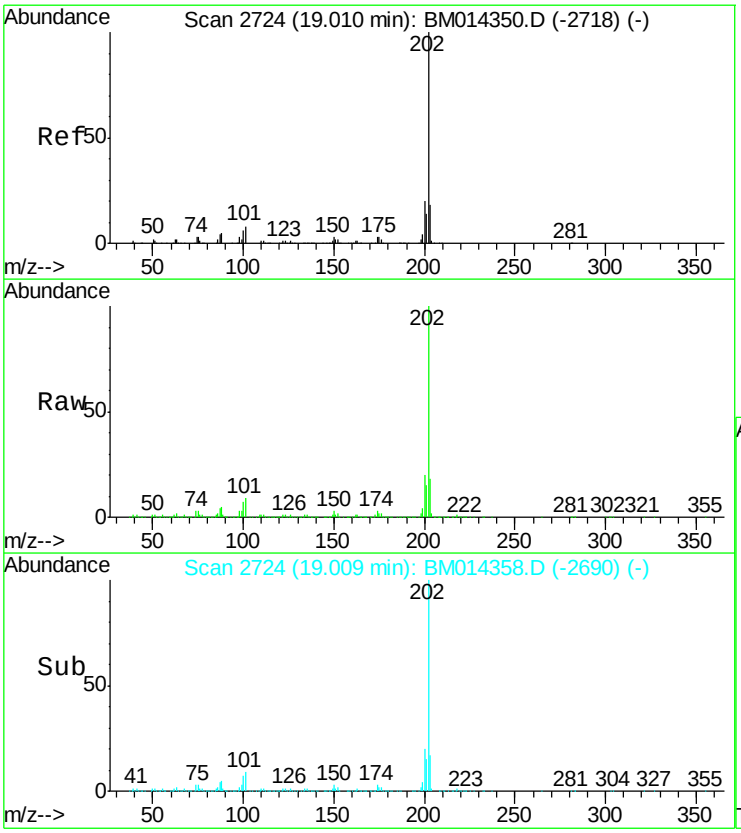
#72
Carbazole
Concen: 2.303 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 82986

Ion	Ratio	Lower	Upper
167	100		
166	25.0	17.1	25.7
139	16.5	10.0	15.0#

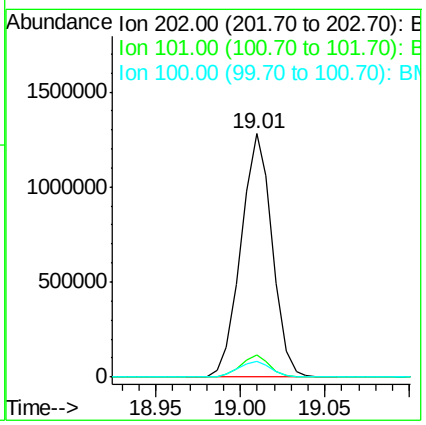


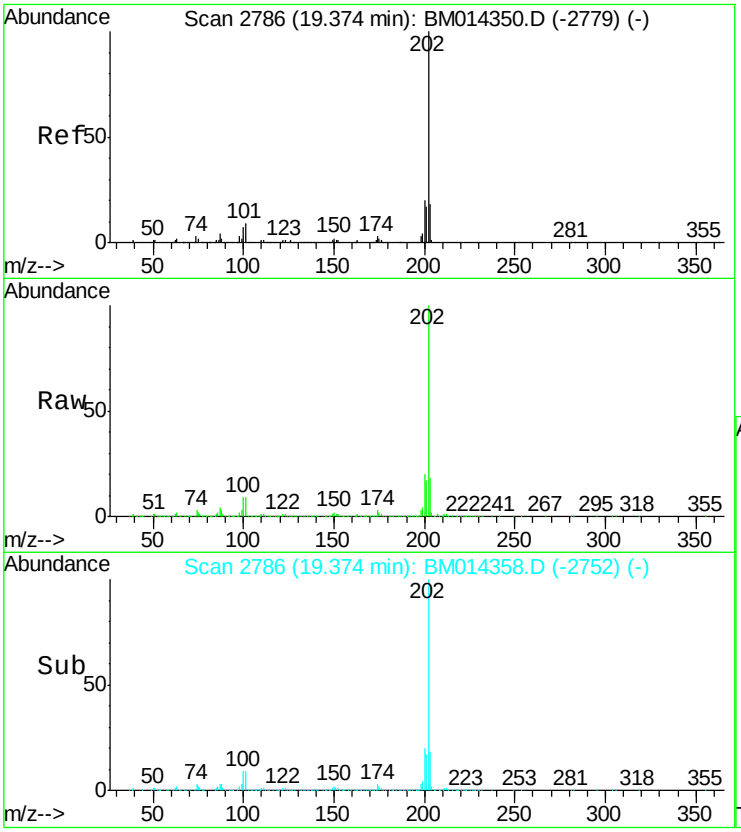


#74
Fluoranthene
Concen: 32.308 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:202 Resp: 1644716

Ion	Ratio	Lower	Upper
202	100		
101	8.9	4.6	7.0#
100	6.7	3.4	5.2#



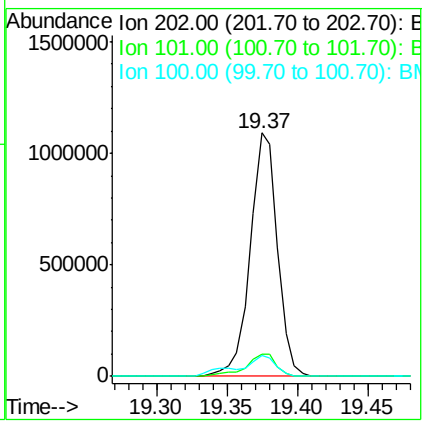


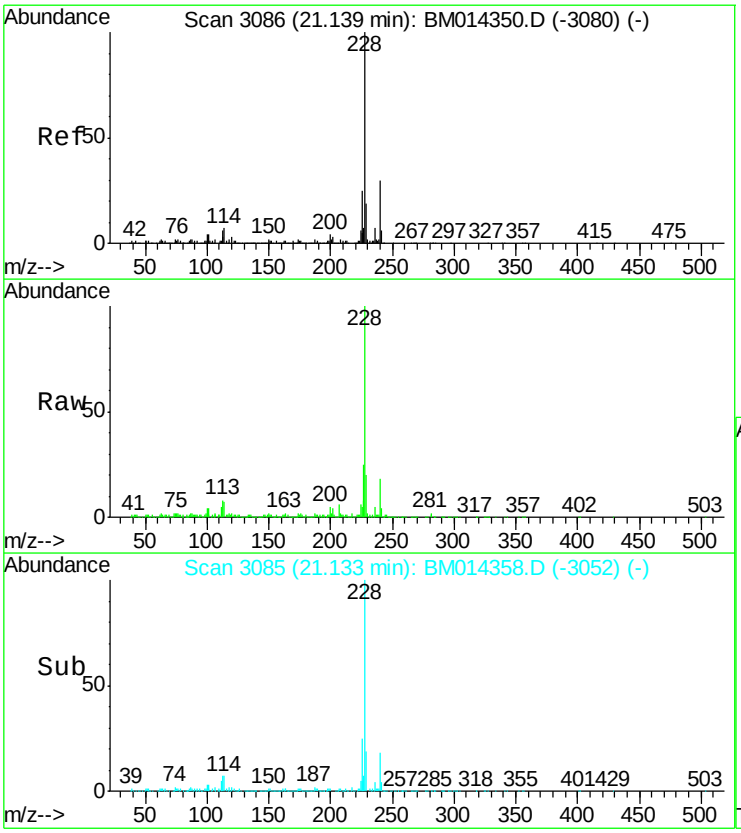
#77
Pyrene
Concen: 31.606 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1481845

Ion	Ratio	Lower	Upper
202	100		
101	9.2	5.1	7.7#
100	8.7	4.9	7.3#

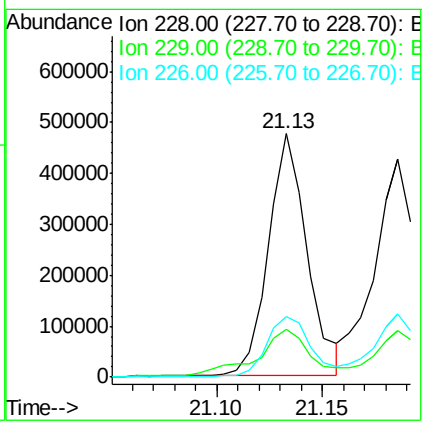


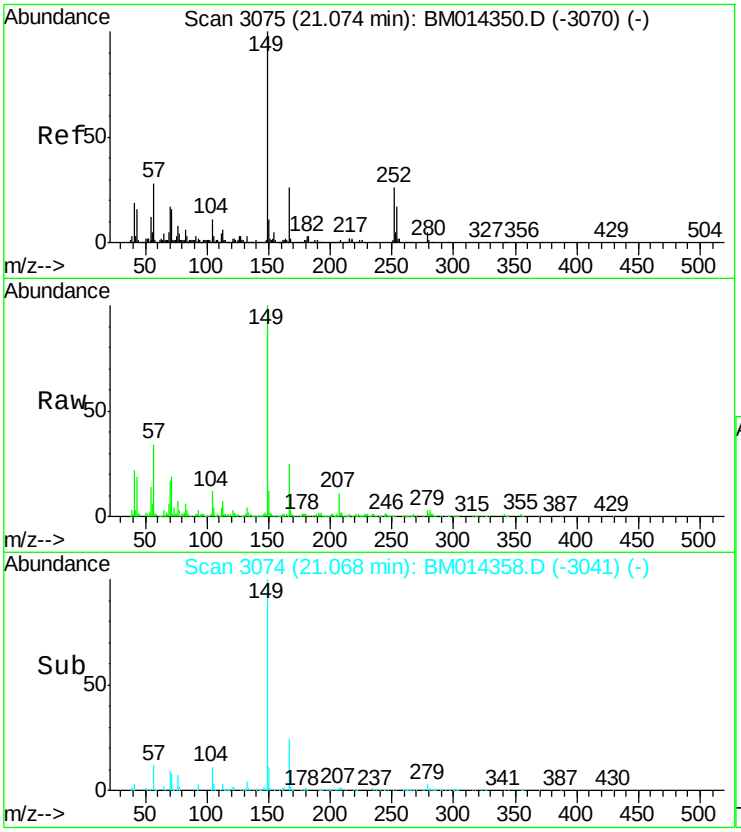


#80
Benzo(a)anthracene
Concen: 13.722 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:228 Resp: 604192

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	25.1	21.4	32.0



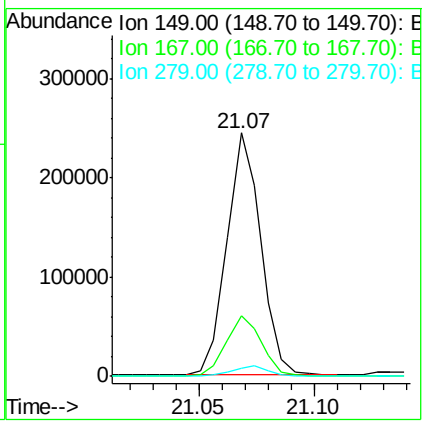


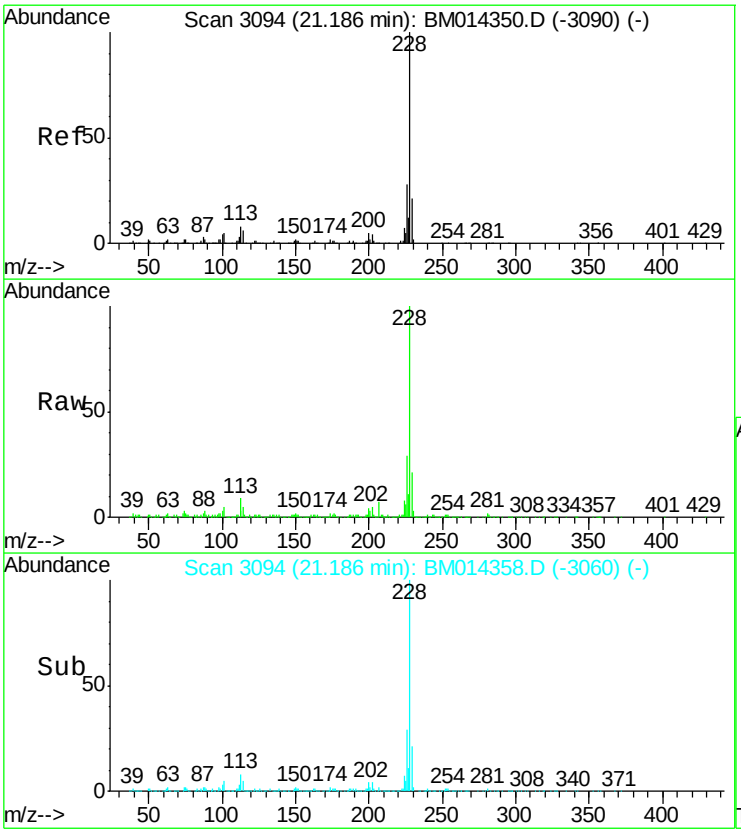
#81
Bis(2-ethylhexyl)phthalate
Concen: 9.015 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 250298

Ion	Ratio	Lower	Upper
149	100		
167	24.6	22.8	34.2
279	3.5	4.9	7.3#

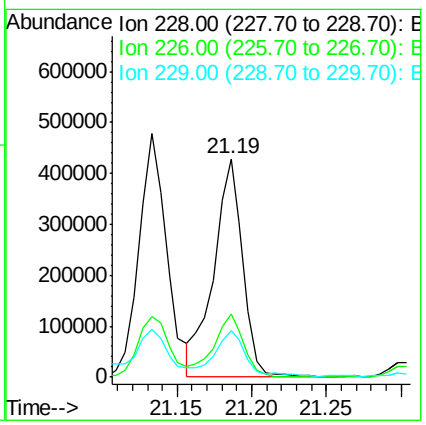


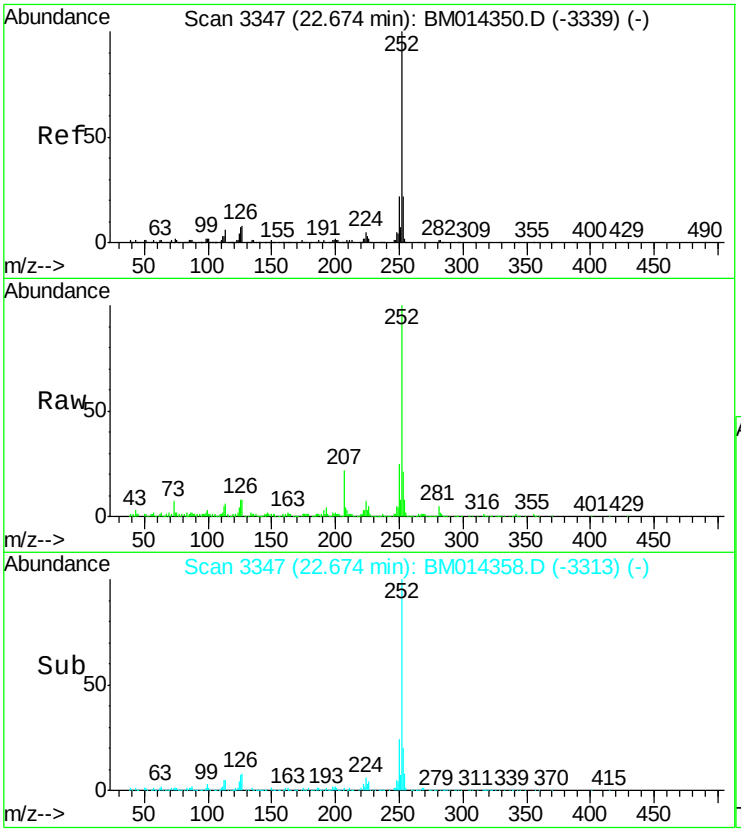


#82
Chrysene
Concen: 14.151 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:228 Resp: 581236

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.0	15.5	23.3



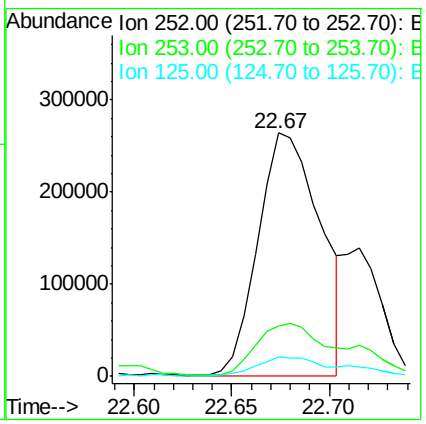


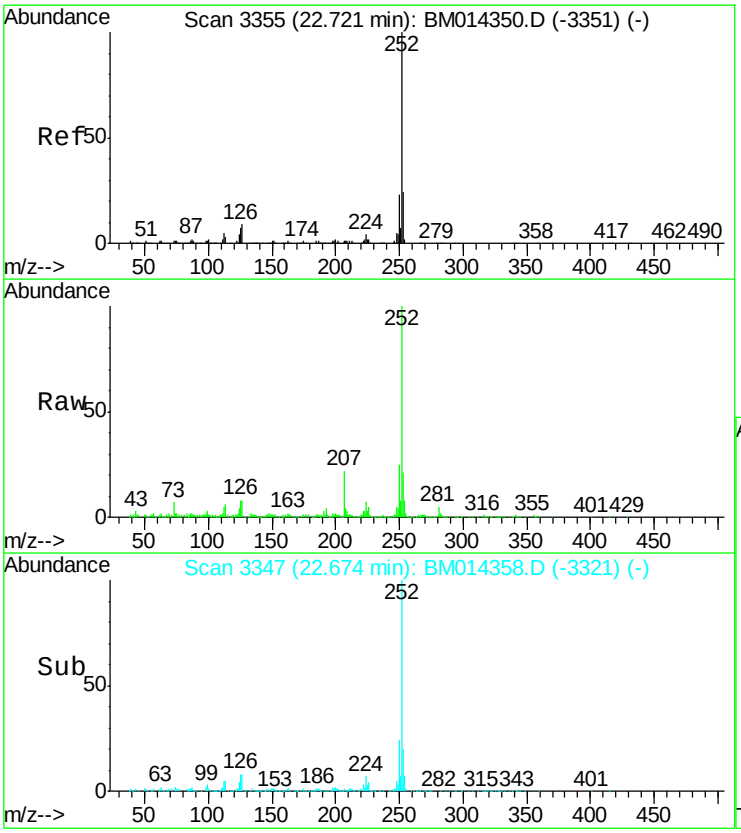
#85
Benzo(b)fluoranthene
Concen: 16.205 ng/ul
RT: 22.67 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 583765

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.9	26.9
125	8.1	3.6	5.4#

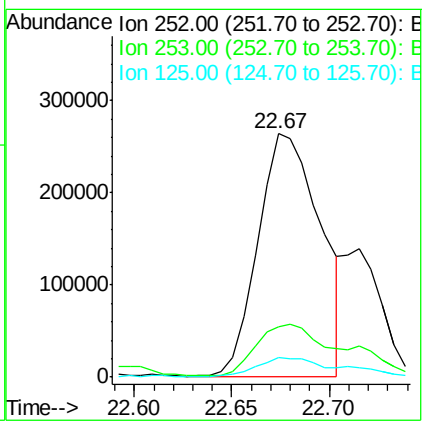


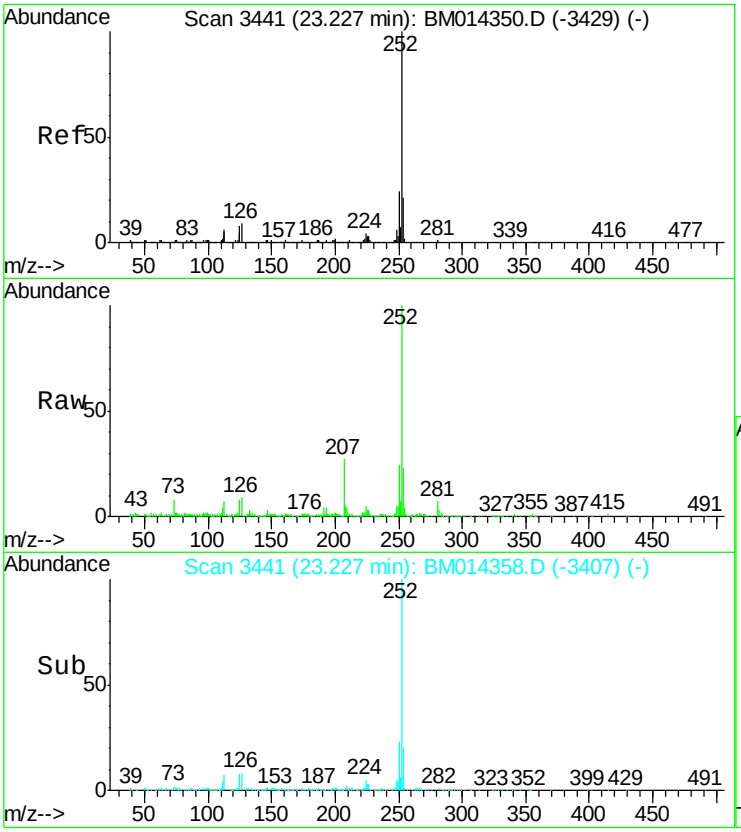


#86
Benzo(k)fluoranthene
Concen: 17.045 ng/ul
RT: 22.67 min Scan# 3347
Delta R.T. -0.05 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:252 Resp: 583765

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.1	25.7
125	8.1	3.4	5.2#



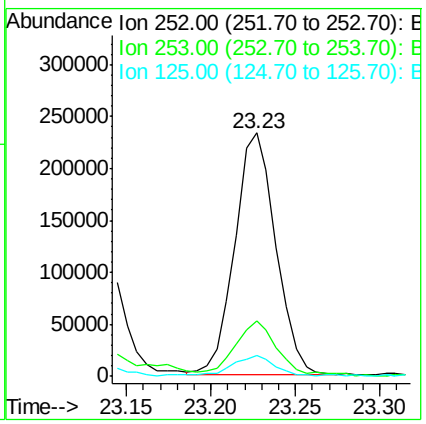


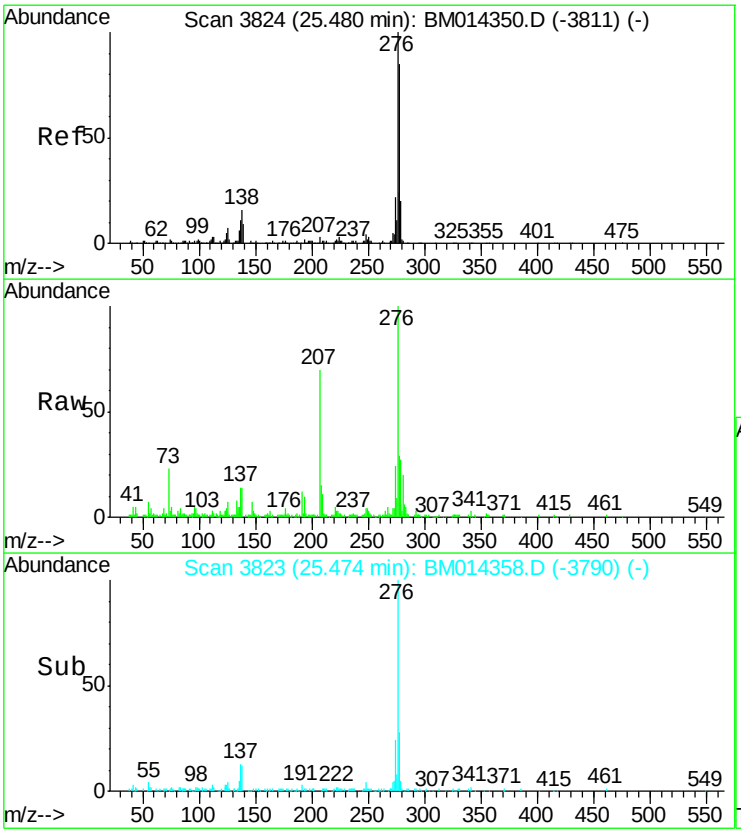
#88
Benzo(a)pyrene
Concen: 12.180 ng/ul
RT: 23.23 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 392090

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.4	4.0	6.0#

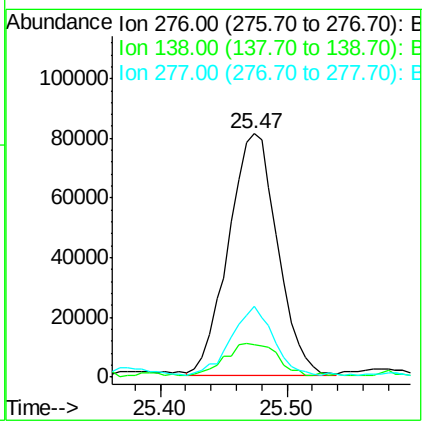


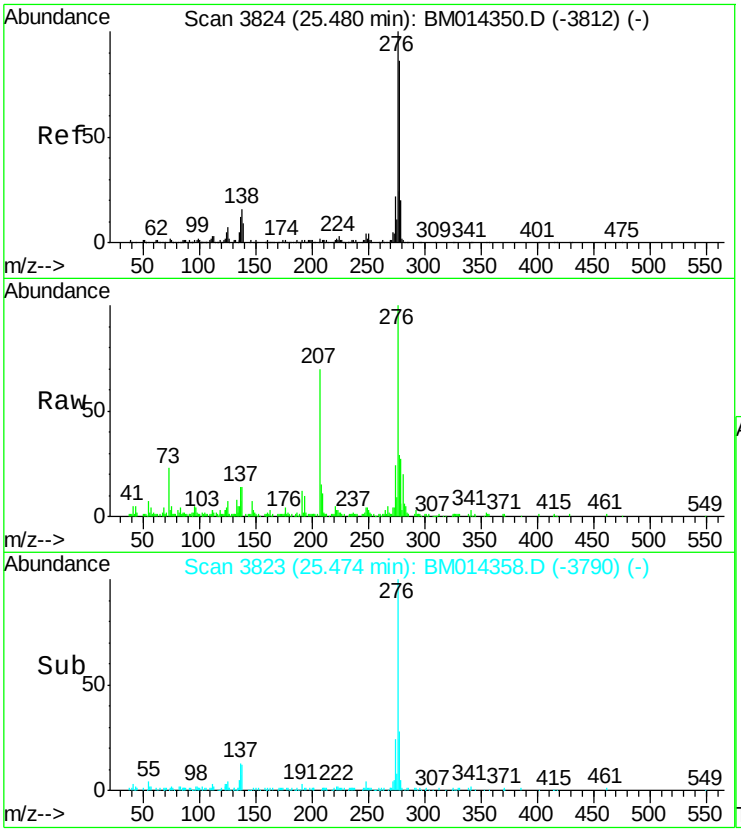


#89
Indeno(1,2,3-cd)pyrene
Concen: 6.985 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:276 Resp: 218182

Ion	Ratio	Lower	Upper
276	100		
138	13.5	9.3	13.9
277	28.9	19.9	29.9



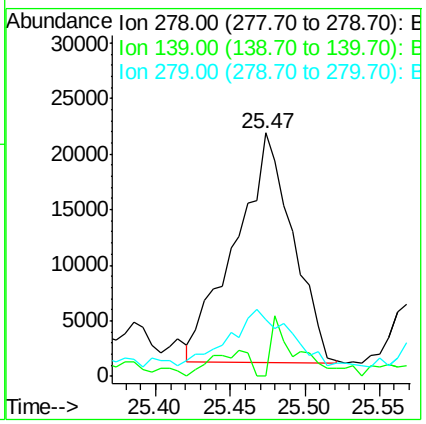


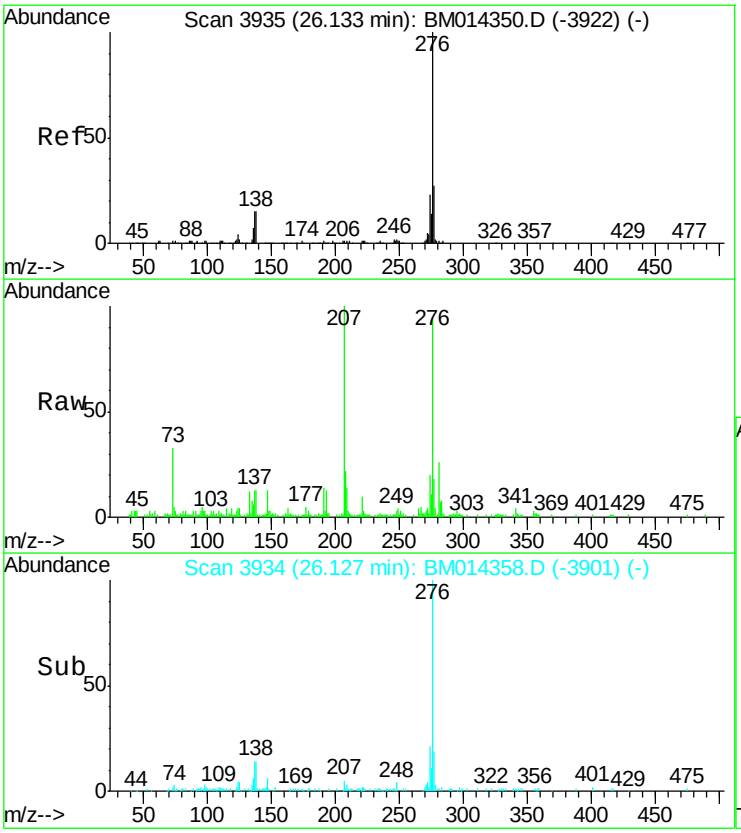
#90
Dibenzo(a,h)anthracene
Concen: 2.120 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 55017

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	23.5	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 6.342 ng/ul
RT: 26.13 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion:276 Resp: 160470

Ion	Ratio	Lower	Upper
276	100		
138	13.7	8.5	12.7#
277	19.4	18.6	28.0