Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014363.D
Acq On : 26 Feb 2018 19:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 27 03:23:51 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	130537	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	584427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	349167	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	734735	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	581437	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	510831	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	10030	3.29	ng/uL	0.00
5) Phenol-d5	6.72	99	256623	23.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	159751	23.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	215147	25.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	198476	20.56	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	112161	25.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	125067	27.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	227861	24.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	125393	13.75	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	782422	27.13	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1011049	28.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	60441	15.18	ng/ul	0.01
57) Fluorene-d10	15.18	176	676671	26.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	50599	11.48	ng/ul	0.00
70) Anthracene-d10	17.04	188	1021844	28.83	ng/ul	0.00
76) Pyrene-d10	19.35	212	969937	32.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	690626	27.78	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	25859	2.234	ng/ul#	88
14) Acetophenone	8.35	105	53385	3.205	ng/ul	97
24) 2,4-Dimethylphenol	9.48	107	17024	1.434	ng/ul#	40
28) Naphthalene	10.34	128	206860	6.892	ng/ul	99
30) 4-Chloroaniline	10.34	127	27238	2.928	ng/ul#	31
34) 2-Methylnaphthalene	11.97	142	67049	2.935	ng/ul	98
44) Dimethylphthalate	13.65	163	313556	11.028	ng/ul	99
47) Acenaphthylene	13.90	152	195737	5.824	ng/ul	97
49) Acenaphthene	14.25	153	167906	7.095	ng/ul	98
53) Dibenzofuran	14.59	168	182374	5.140	ng/ul#	87
58) Fluorene	15.24	166	226823	7.405	ng/ul	98
69) Phenanthrene	16.99	178	4230223	99.929	ng/ul	99
71) Anthracene	17.07	178	761330	17.883	ng/ul	98
72) Carbazole	17.36	167	351078	9.807	ng/ul#	97
74) Fluoranthene	19.02	202	6384590	126.237	ng/ul#	89
77) Pyrene	19.39	202	5593338	144.752	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	3090326	85.162	ng/ul	98
82) Chrysene	21.19	228	2789636	82.408	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	3433064	100.369	ng/ul#	98
86) Benzo(k)fluoranthene	22.69	252	3433064	105.567	ng/ul#	96
88) Benzo(a)pyrene	23.24	252	2354923	77.046	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.50	276	1360322	45.865	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.50	278	381471	15.479	ng/ul#	83

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014363.D
Acq On : 26 Feb 2018 19:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 03:23:51 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)
91) Benzo(g,h,i)perylene	26.16	276	969750	40.361	ng/ul#	94

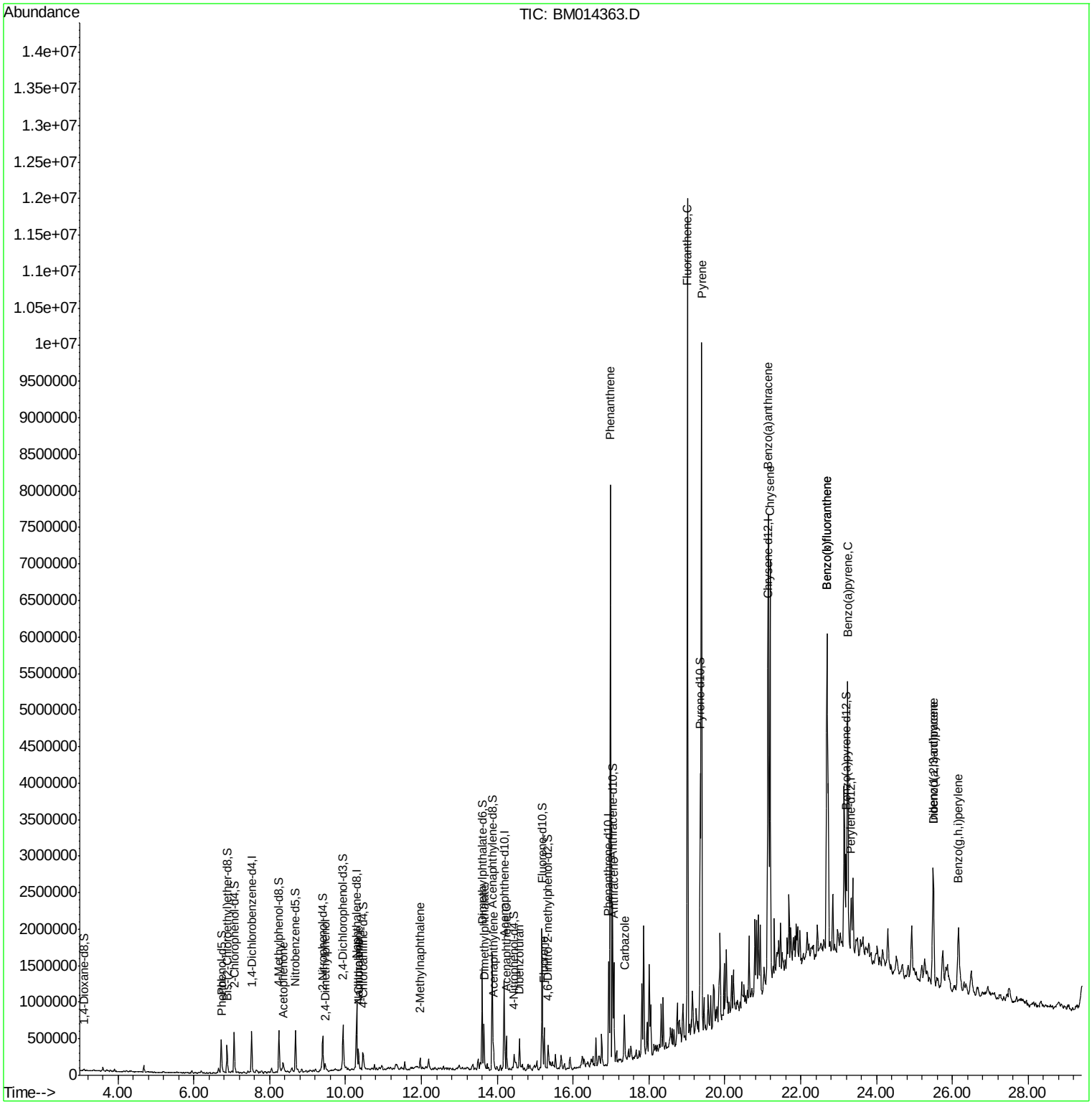
(#) = qualifier out of range (m) = manual integration (+) = signals summed

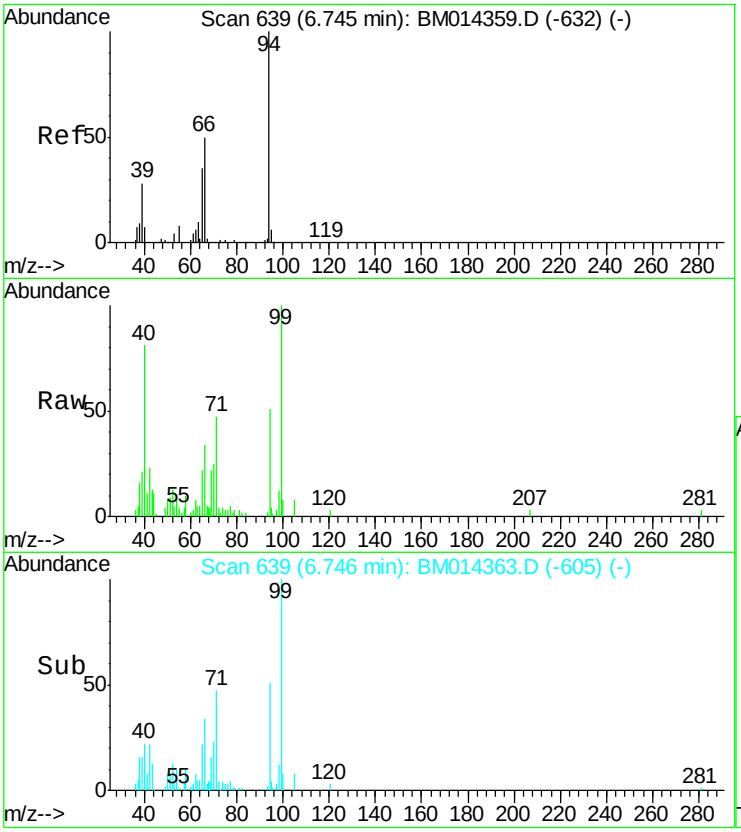
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014363.D
Acq On : 26 Feb 2018 19:12
Operator : SJ/JU
Sample : J1631-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 27 03:23:51 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



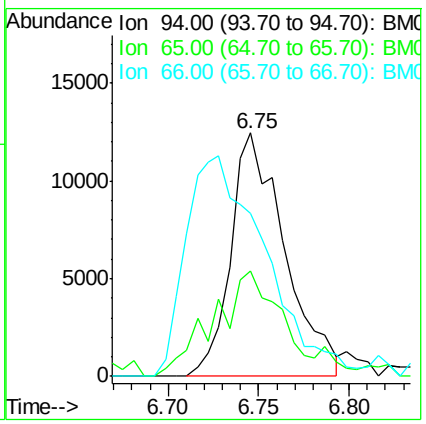


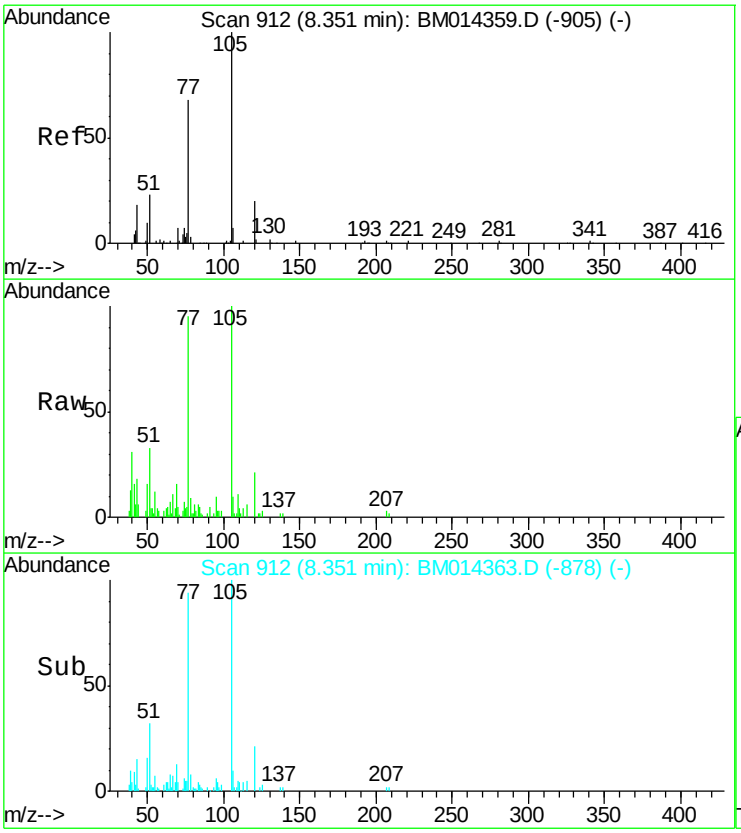
#6
Phenol
Concen: 2.234 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 25859

Ion	Ratio	Lower	Upper
94	100		
65	43.5	28.2	42.4#
66	66.9	47.2	70.8

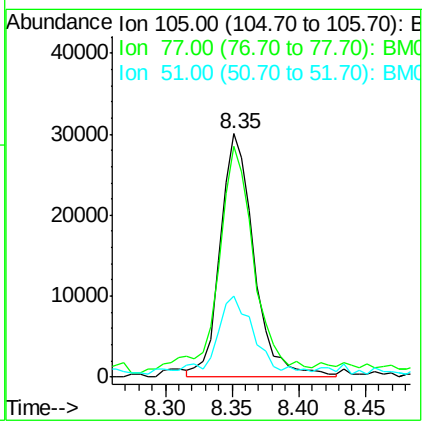


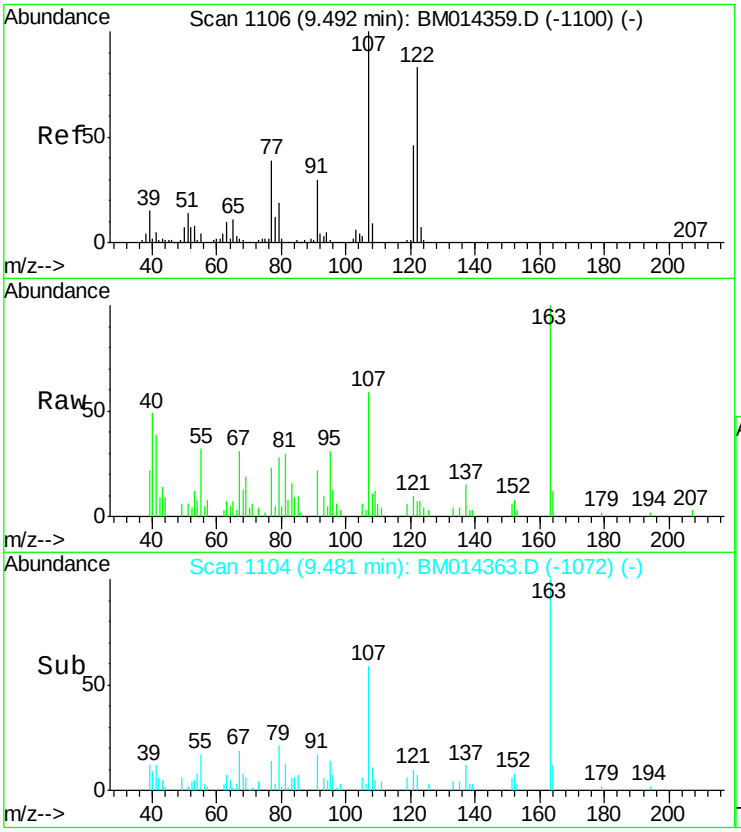


#14
Acetophenone
Concen: 3.205 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:105 Resp: 53385

Ion	Ratio	Lower	Upper
105	100		
77	94.6	74.2	111.4
51	33.3	23.4	35.2



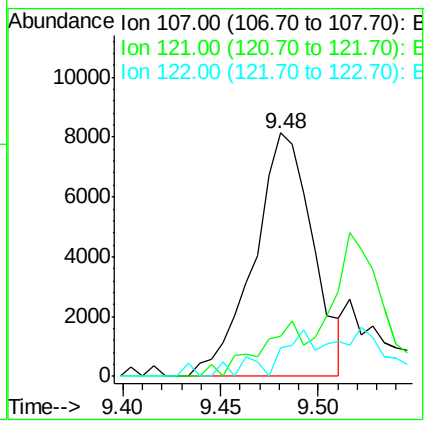


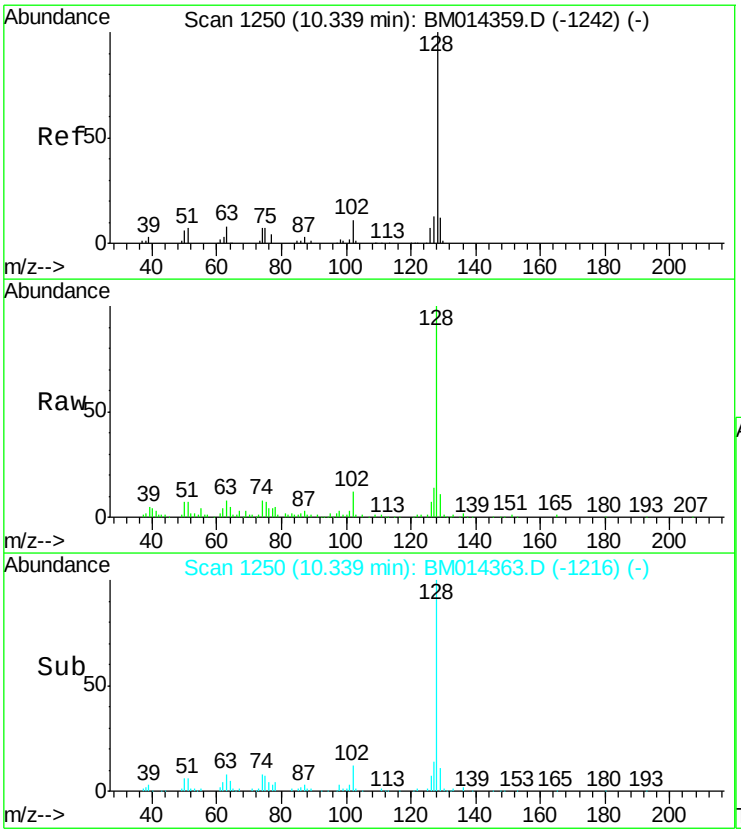
#24
2,4-Dimethylphenol
Concen: 1.434 ng/ul
RT: 9.48 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 17024

Ion	Ratio	Lower	Upper
107	100		
121	16.2	31.9	47.9#
122	11.6	57.8	86.6#

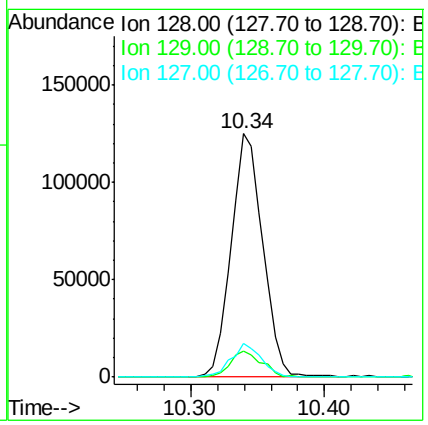


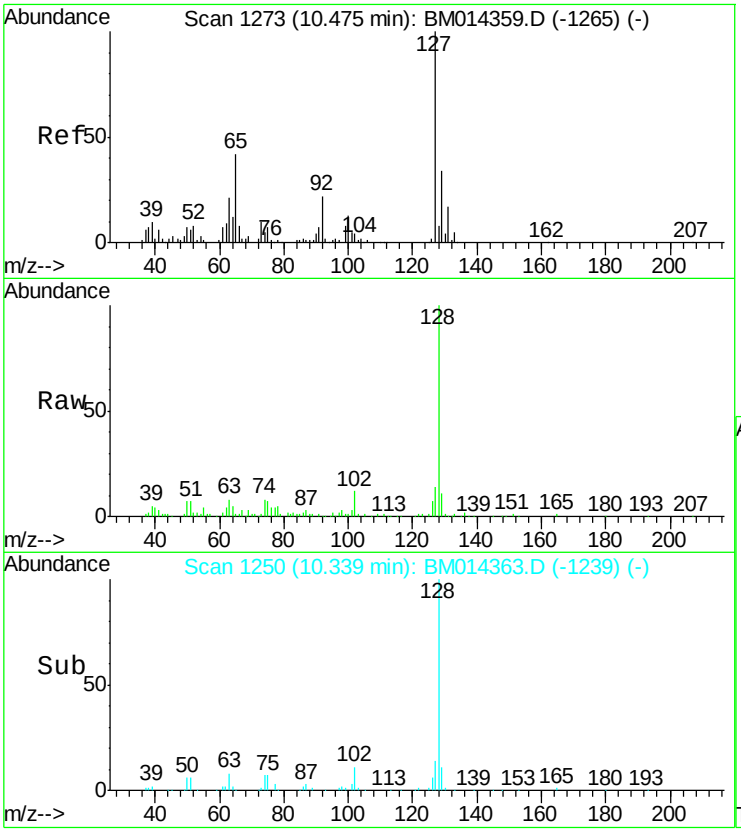


#28
Naphthalene
Concen: 6.892 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:128 Resp: 206860

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	14.0	10.6	16.0



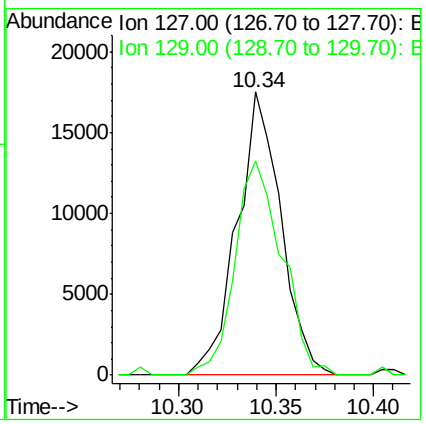


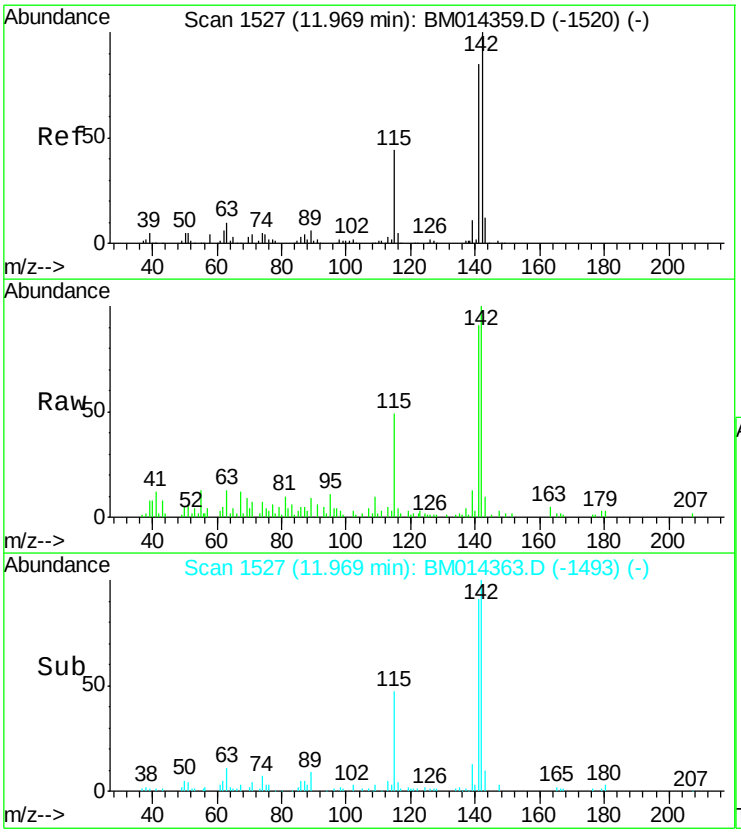
#30
4-Chloroaniline
Concen: 2.928 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. -0.14 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 27238

Ion	Ratio	Lower	Upper
127	100		
129	75.7	28.4	42.6#

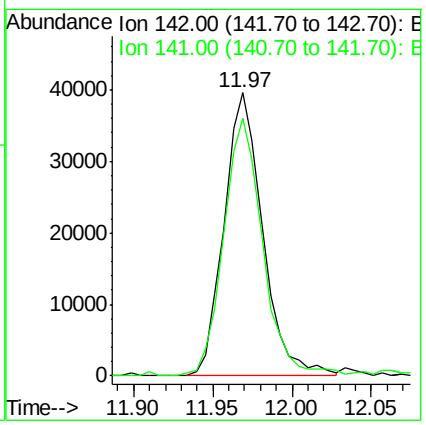


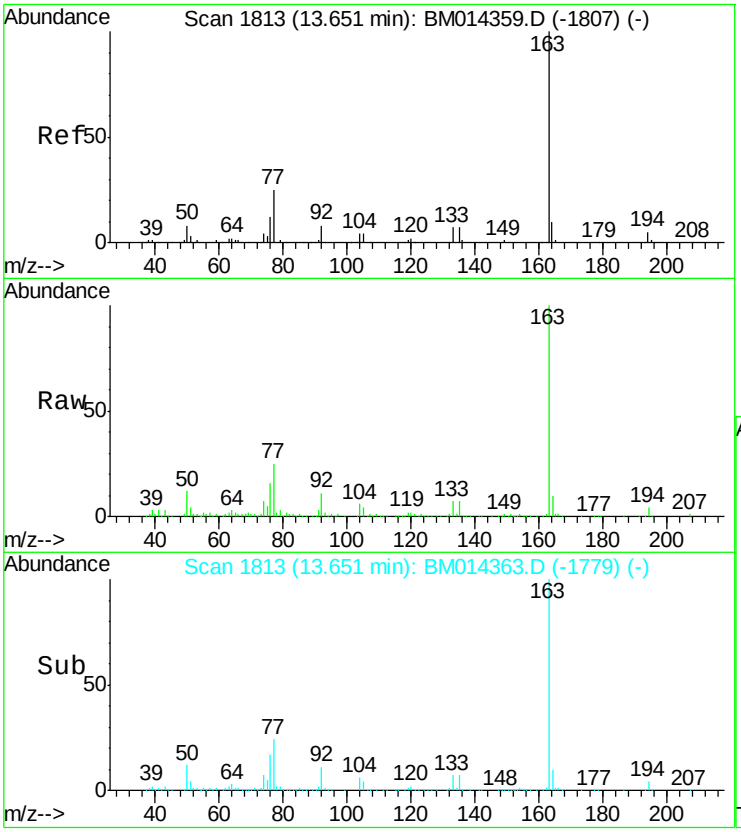


#34
2-Methylnaphthalene
Concen: 2.935 ng/ul
RT: 11.97 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:142 Resp: 67049

Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.1	111.1



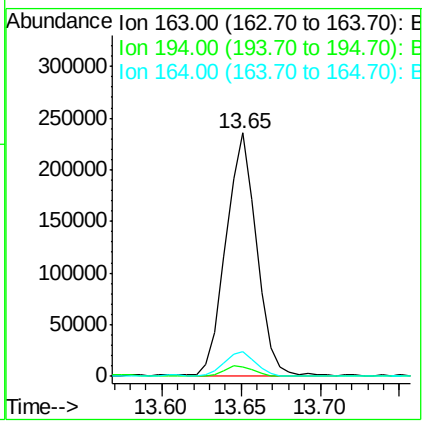


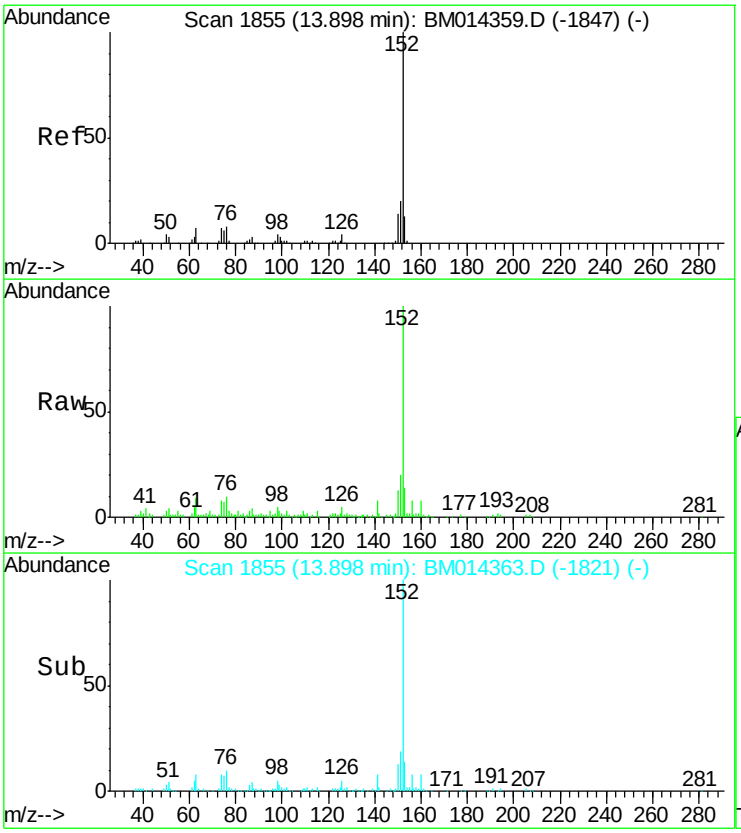
#44
Dimethylphthalate
Concen: 11.028 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 313556

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.3	8.2	12.4

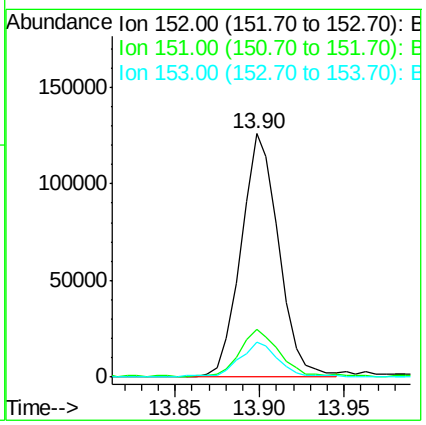


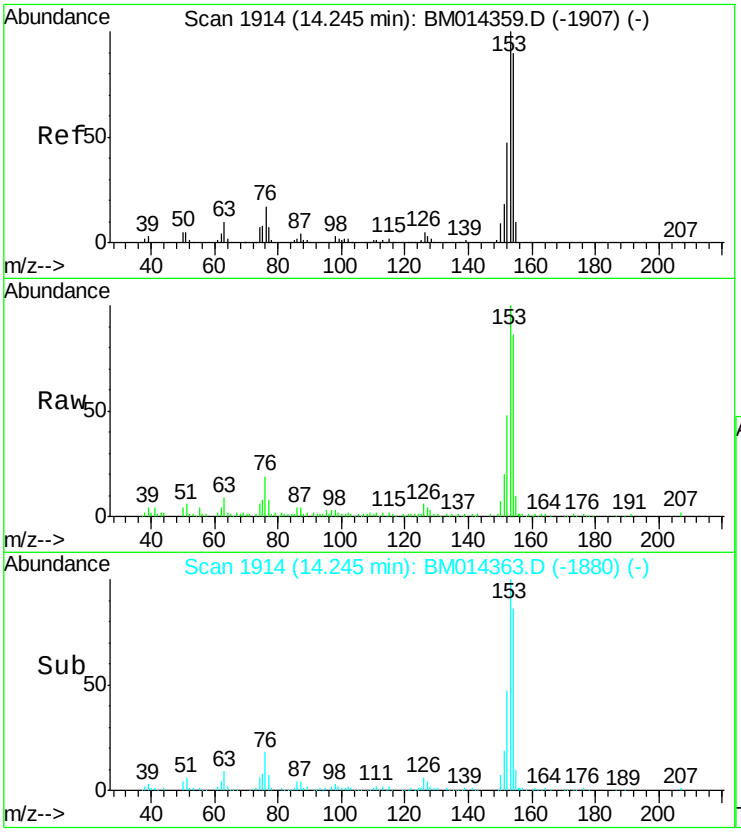


#47
Acenaphthylene
Concen: 5.824 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:152 Resp: 195737

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	14.3	10.2	15.4



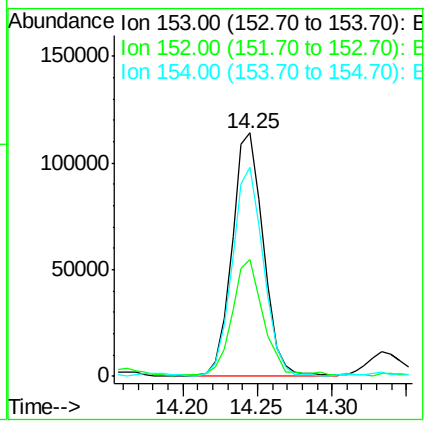


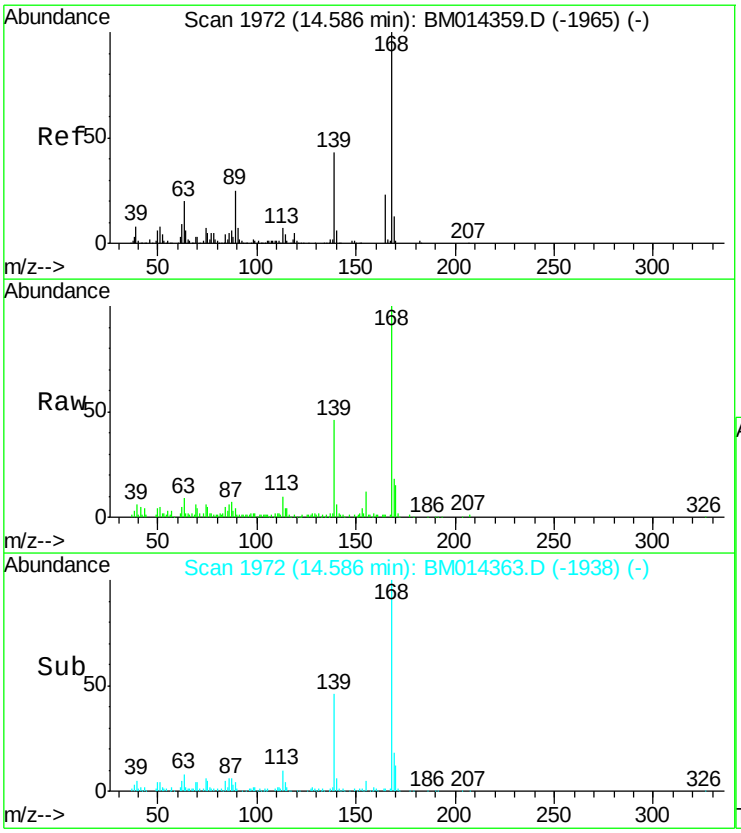
#49
Acenaphthene
Concen: 7.095 ng/ul
RT: 14.25 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 167906

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.6	56.4
154	85.9	70.4	105.6

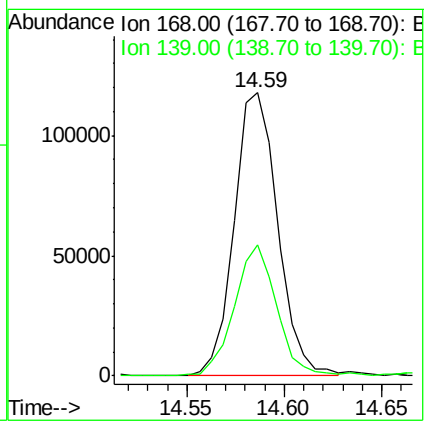


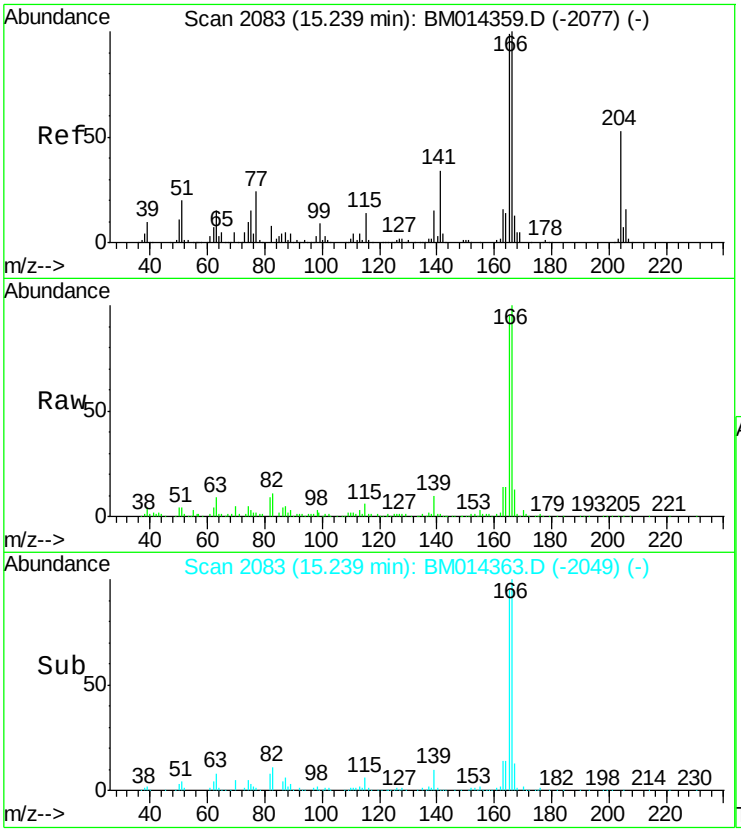


#53
Dibenzofuran
Concen: 5.140 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:168 Resp: 182374

Ion	Ratio	Lower	Upper
168	100		
139	46.3	30.8	46.2#



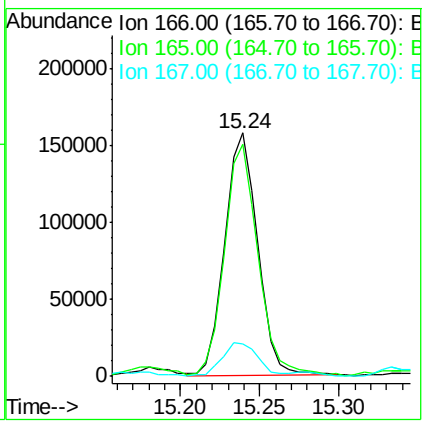


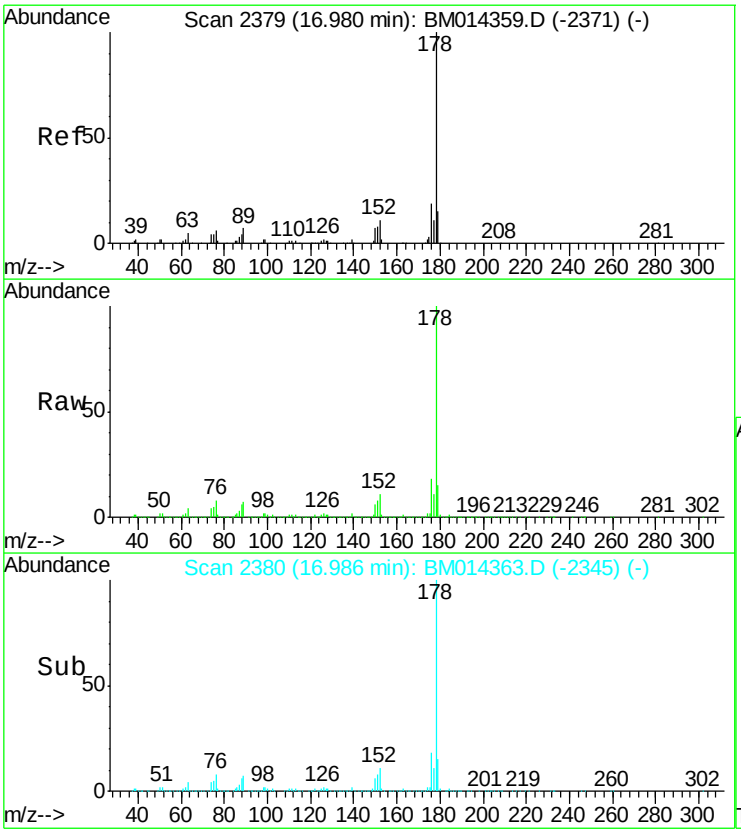
#58
Fluorene
Concen: 7.405 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 226823

Ion	Ratio	Lower	Upper
166	100		
165	95.3	77.9	116.9
167	13.1	10.6	16.0

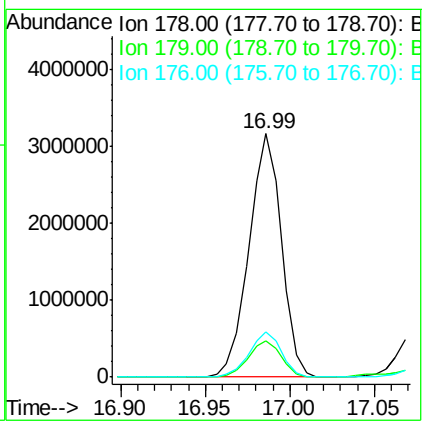


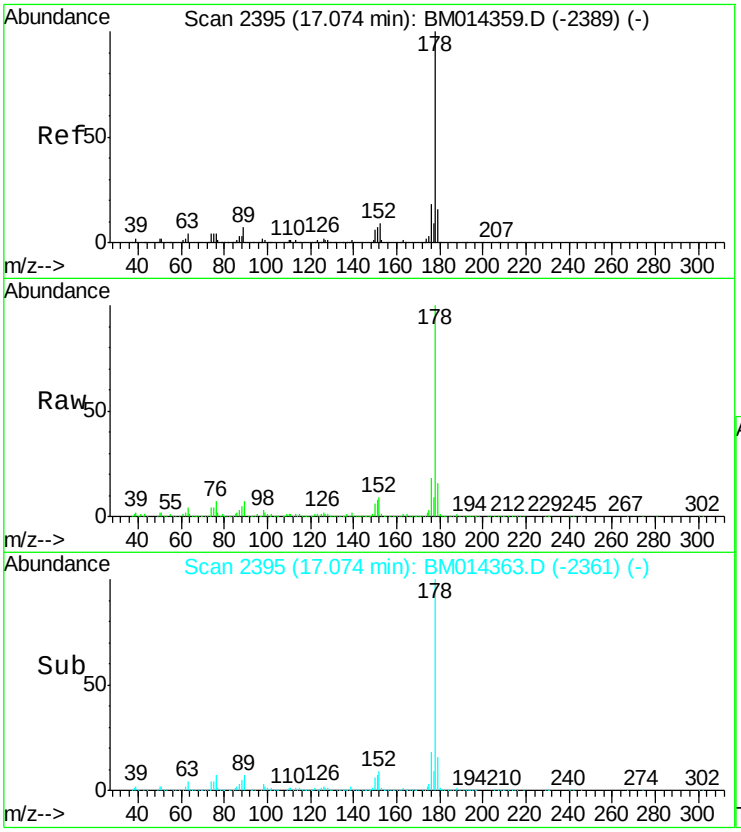


#69
Phenanthrene
Concen: 99.929 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:178 Resp: 4230223

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	18.4	14.9	22.3



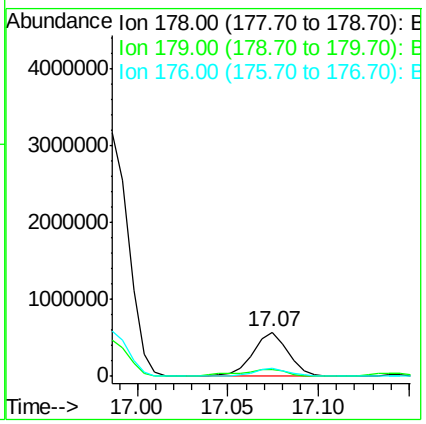


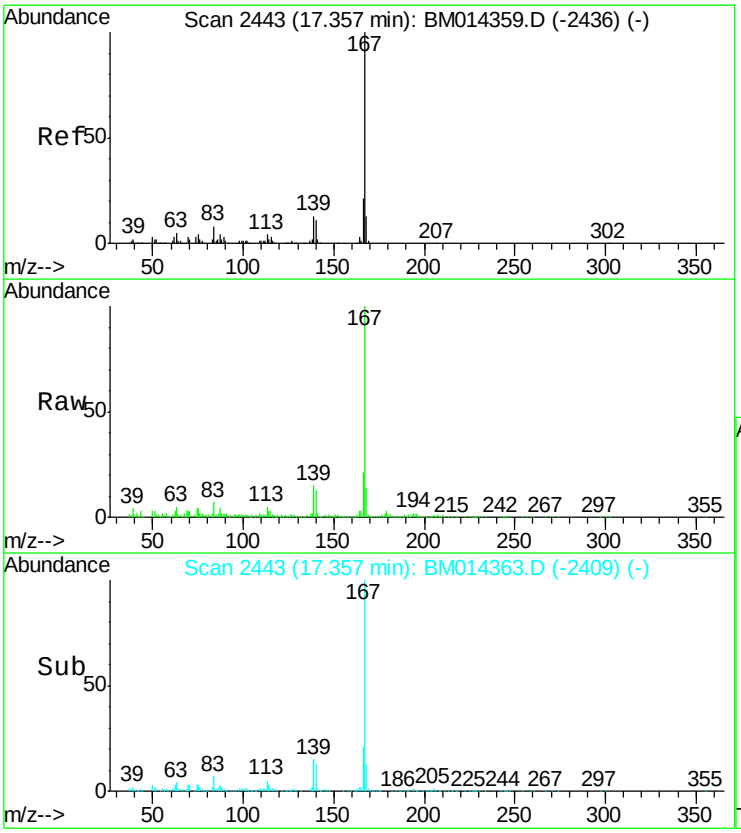
#71
Anthracene
Concen: 17.883 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 761330

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	18.0	14.6	21.8

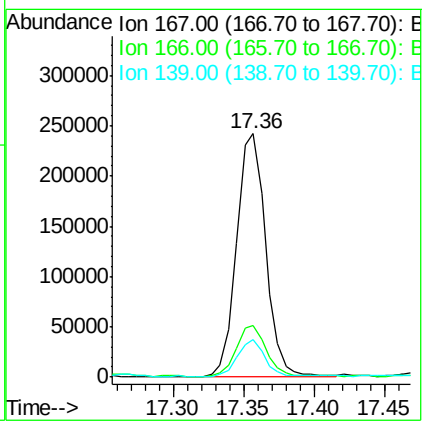


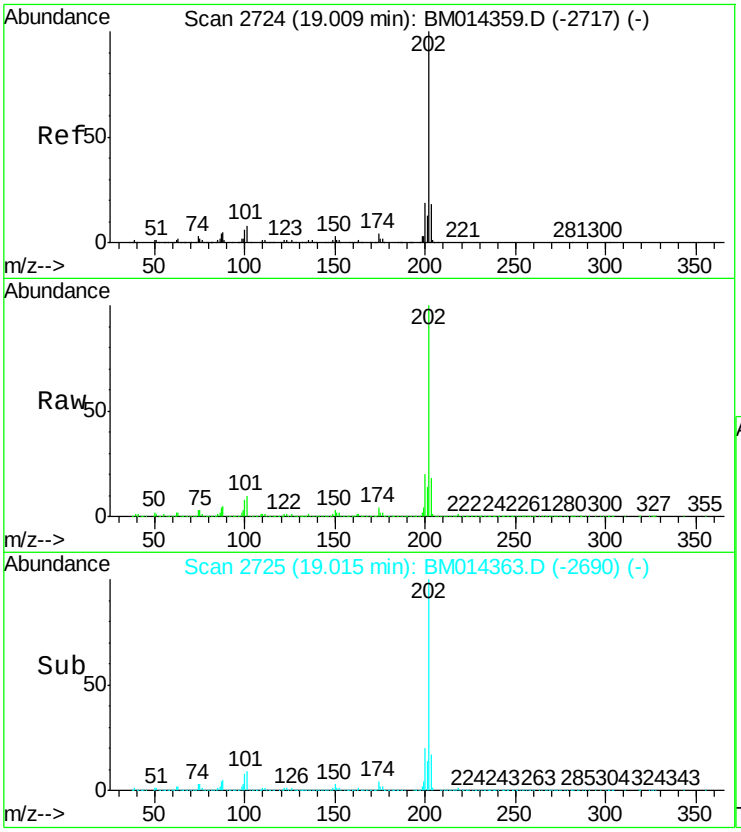


#72
Carbazole
Concen: 9.807 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:167 Resp: 351078

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	15.2	10.0	15.0#



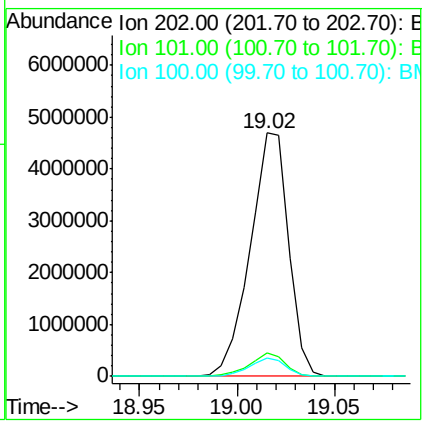


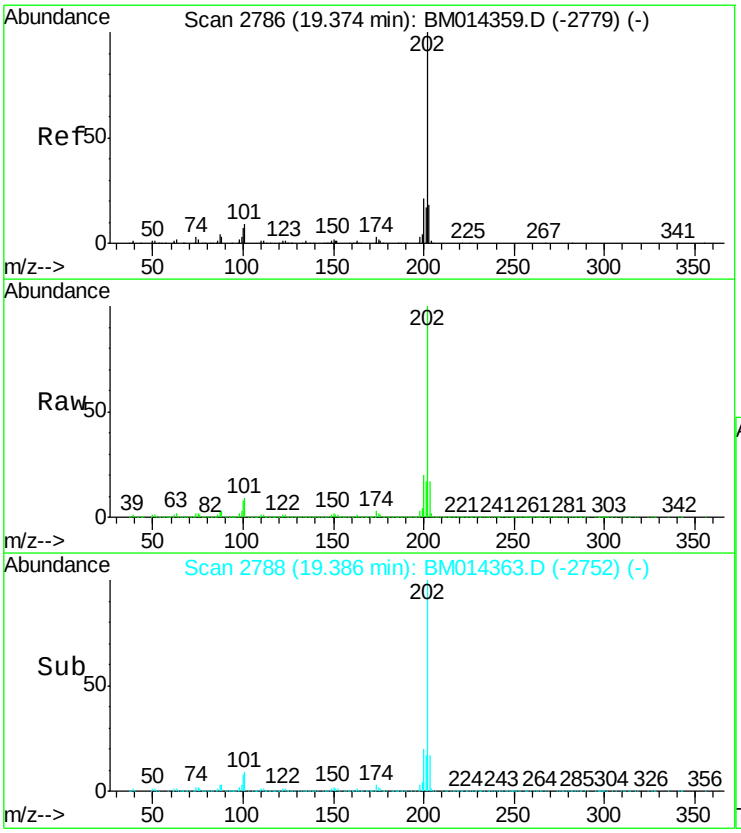
#74
Fluoranthene
Concen: 126.237 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 6384590

Ion	Ratio	Lower	Upper
202	100		
101	9.6	4.6	7.0#
100	7.6	3.4	5.2#

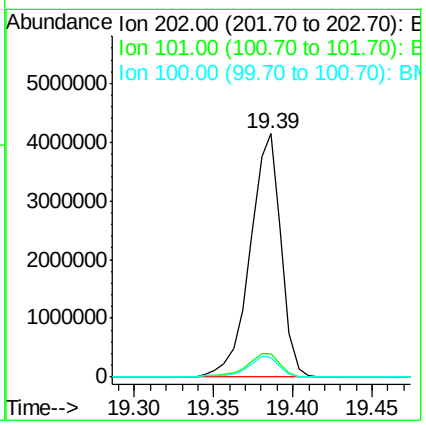


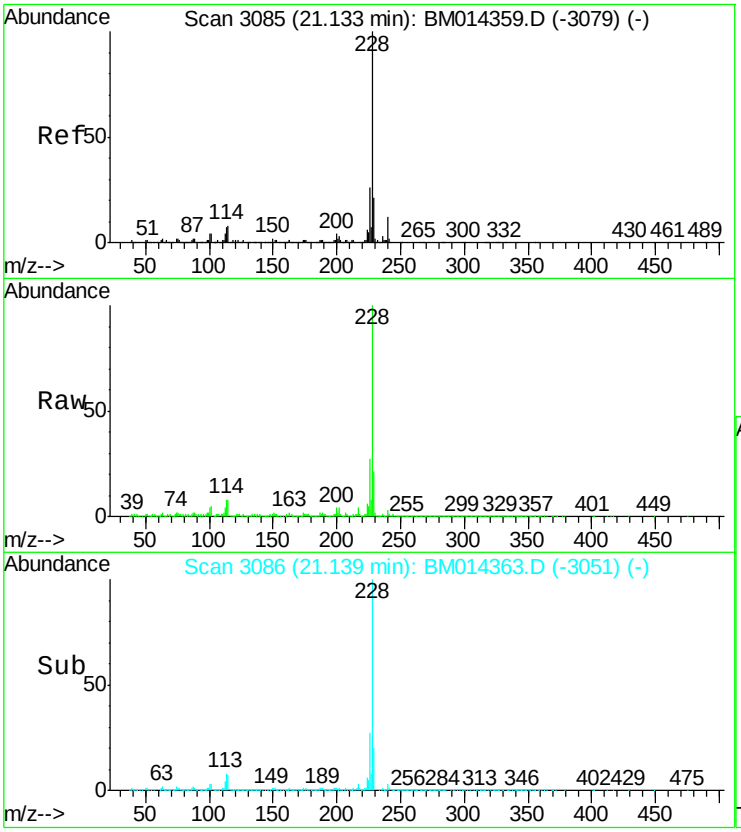


#77
Pyrene
Concen: 144.752 ng/ul
RT: 19.39 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:202 Resp: 5593338

Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	8.2	4.9	7.3#



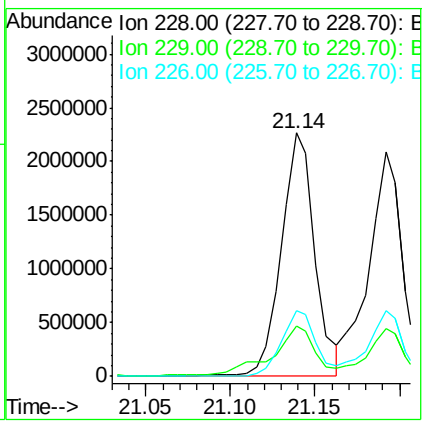


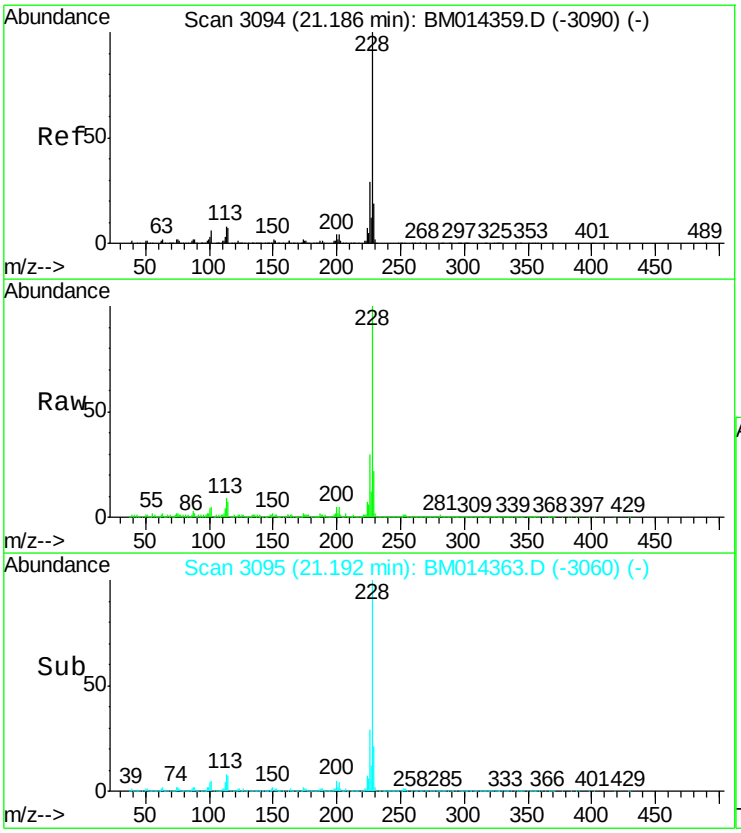
#80
Benzo(a)anthracene
Concen: 85.162 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 3090326

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	26.8	21.4	32.0

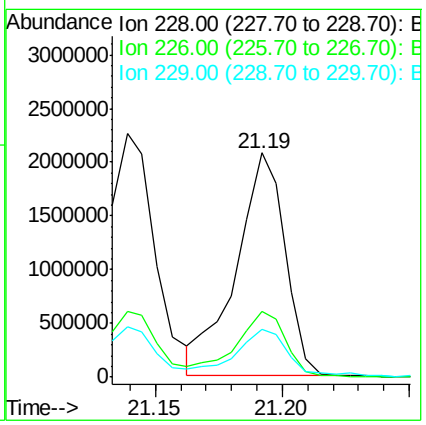


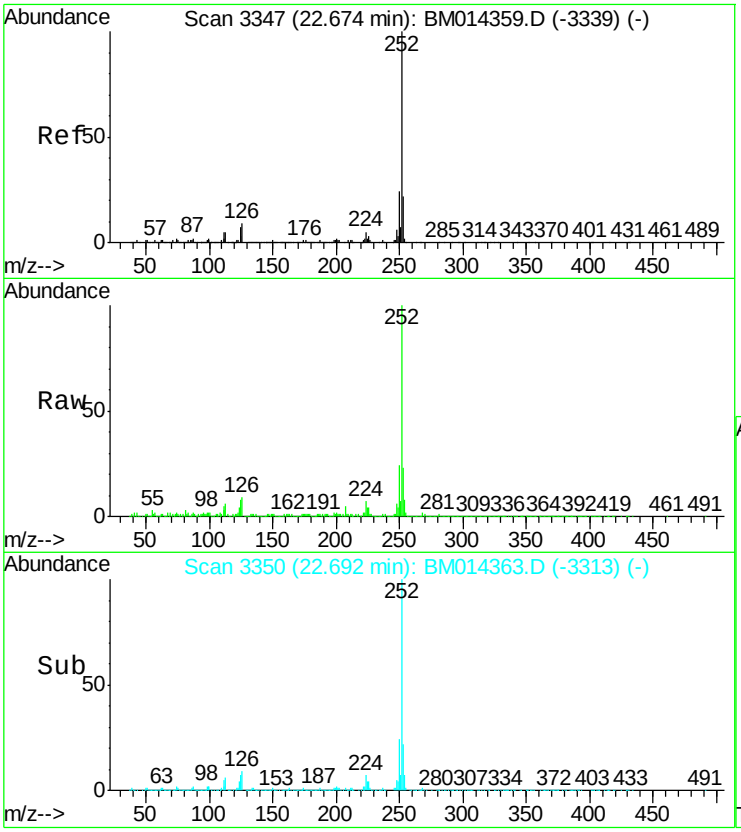


#82
Chrysene
Concen: 82.408 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:228 Resp: 2789636

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.6	15.5	23.3



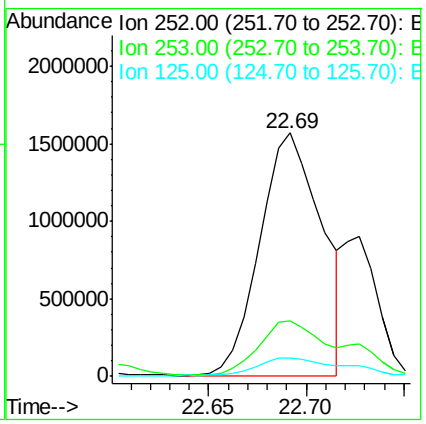


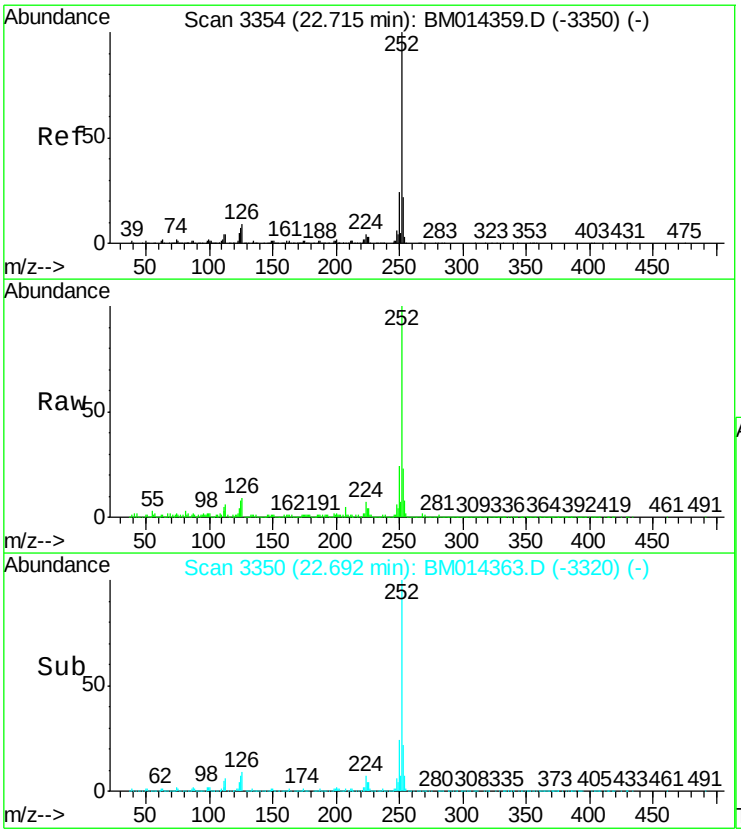
#85
Benzo(b)fluoranthene
Concen: 100.369 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. 0.02 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3433064

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	7.6	3.6	5.4#

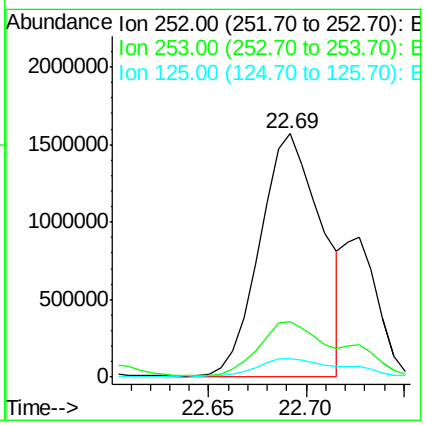


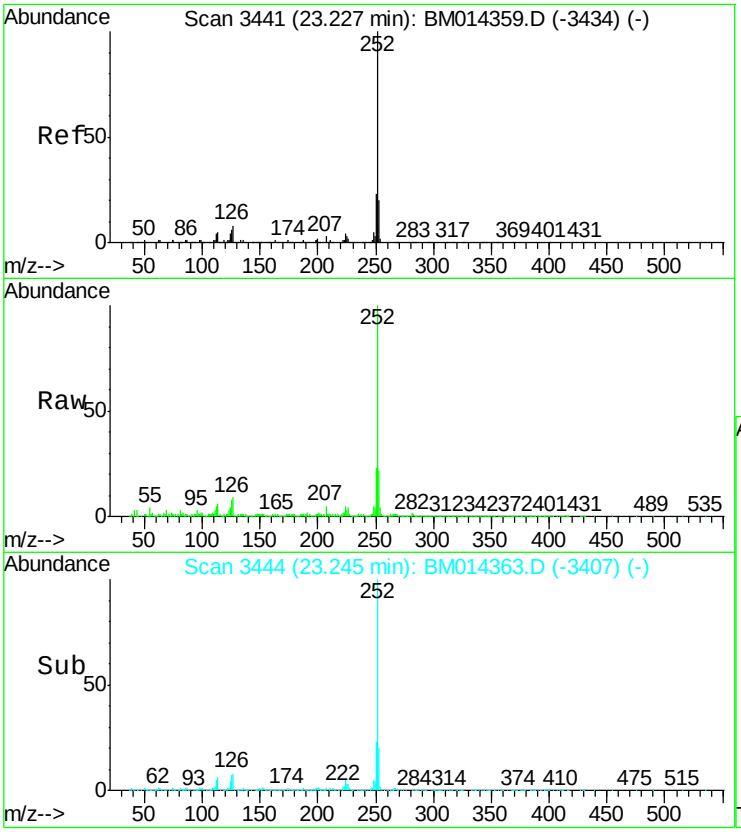


#86
Benzo(k)fluoranthene
Concen: 105.567 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. -0.02 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:252 Resp: 3433064

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	7.6	3.4	5.2#



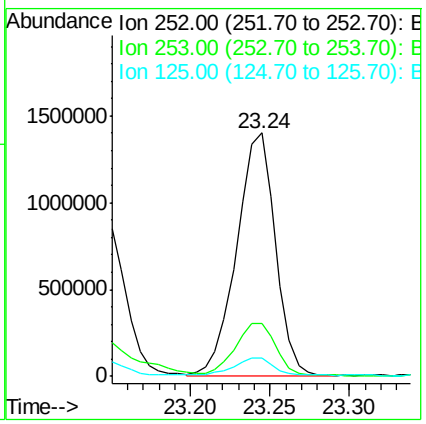


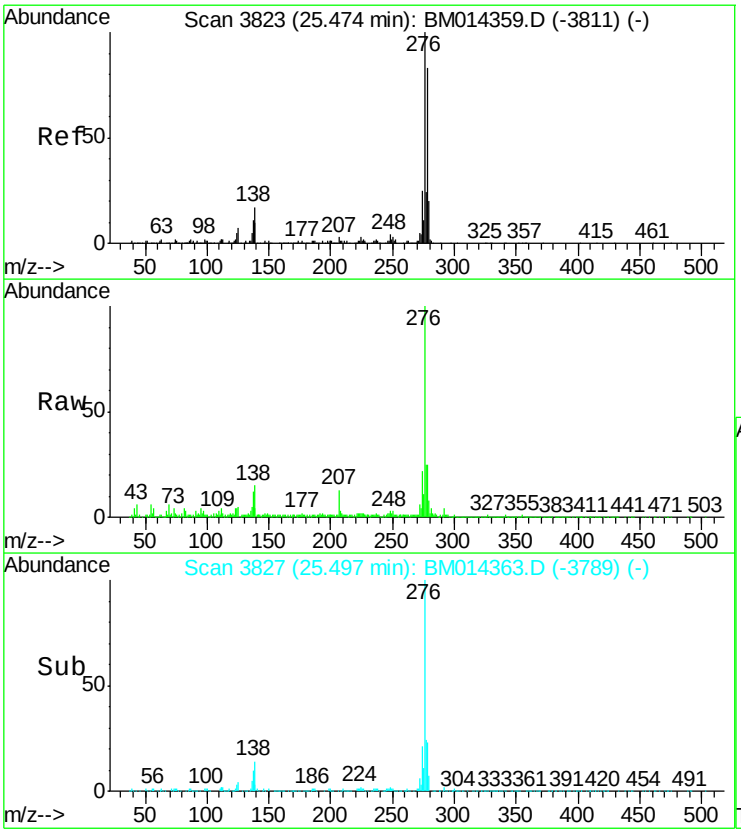
#88
Benzo(a)pyrene
Concen: 77.046 ng/ul
RT: 23.24 min Scan# 3444
Delta R.T. 0.02 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2354923

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	7.6	4.0	6.0#

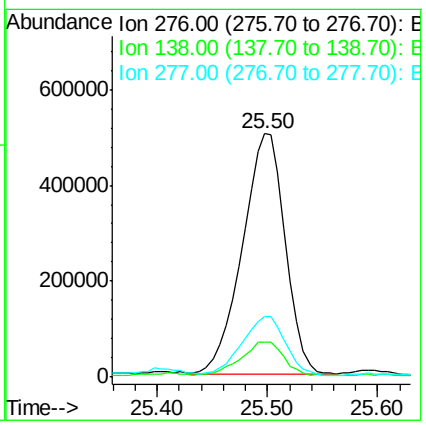


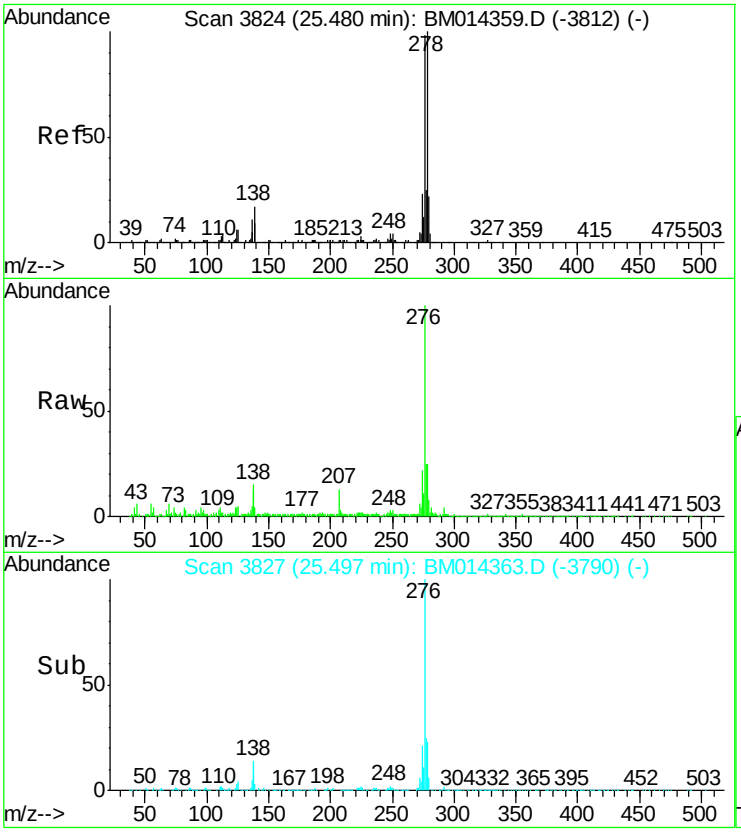


#89
Indeno(1,2,3-cd)pyrene
Concen: 45.865 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:276 Resp: 1360322

Ion	Ratio	Lower	Upper
276	100		
138	14.5	9.3	13.9#
277	25.0	19.9	29.9



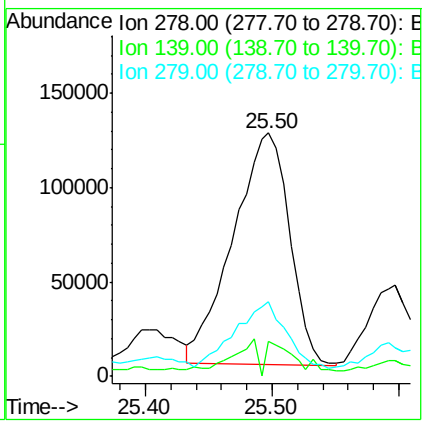


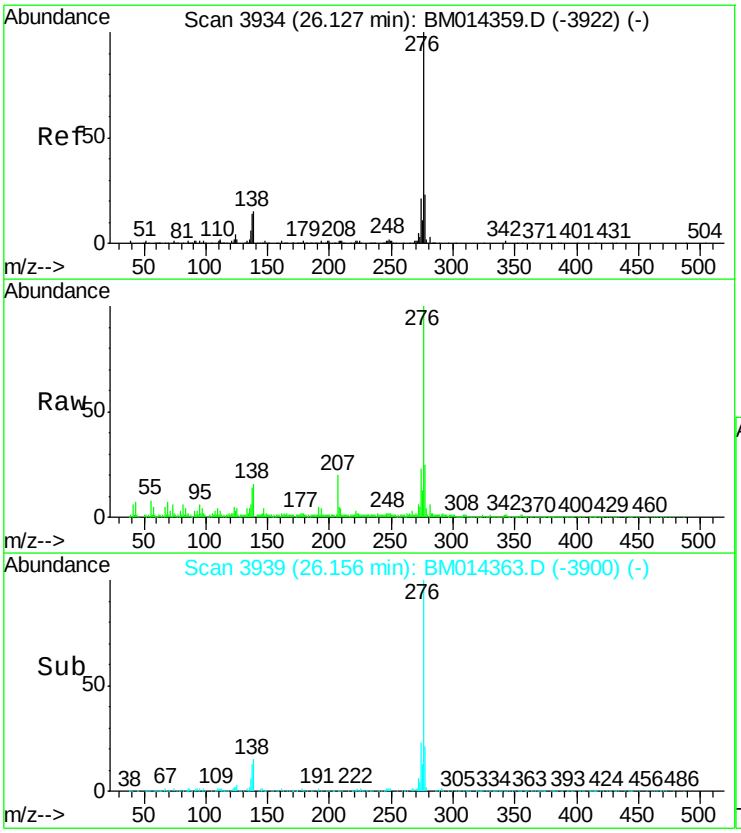
#90
Dibenzo(a,h)anthracene
Concen: 15.479 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 381471

Ion	Ratio	Lower	Upper
278	100		
139	14.6	5.8	8.8#
279	30.7	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 40.361 ng/ul
RT: 26.16 min Scan# 3939
Delta R.T. 0.03 min
Lab File: BM014363.D
Acq: 26 Feb 2018 19:12

Tgt Ion:276 Resp: 969750

Ion	Ratio	Lower	Upper
276	100		
138	15.5	8.5	12.7#
277	24.6	18.6	28.0