Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014472.D
Acq On : 05 Mar 2018 14:35
Operator : SJ/JU
Sample : J1678-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 05 15:57:05 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	106410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	476946	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	281851	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	563763	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	440524	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	383032	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	8565	3.45	ng/uL	0.00
5) Phenol-d5	6.73	99	267364	29.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	166891	30.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	222669	32.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	216891	27.56	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	112017	31.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	136343	37.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	241530	31.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	167696	22.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	853965	36.69	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1061370	36.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	84037	26.15	ng/ul	0.02
57) Fluorene-d10	15.18	176	710728	34.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	77277	22.85	ng/ul	0.01
70) Anthracene-d10	17.04	188	969635	35.65	ng/ul	0.00
76) Pyrene-d10	19.36	212	888837	39.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	655505	35.16	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	18639	1.975	ng/ul#	73
28) Naphthalene	10.33	128	143959	5.877	ng/ul	96
30) 4-Chloroaniline	10.33	127	19935	2.626	ng/ul#	13
34) 2-Methylnaphthalene	11.96	142	56042	3.006	ng/ul	94
44) Dimethylphthalate	13.64	163	122661	5.344	ng/ul	97
47) Acenaphthylene	13.90	152	230108	8.482	ng/ul#	97
49) Acenaphthene	14.24	153	199295	10.433	ng/ul	96
53) Dibenzofuran	14.58	168	190953	6.667	ng/ul	88
58) Fluorene	15.23	166	227377	9.195	ng/ul#	98
63) 4,6-Dinitro-2-methylphenol	15.25	198	6348	1.844	ng/ul#	81
69) Phenanthrene	16.99	178	5047592	155.398	ng/ul	99
71) Anthracene	17.07	178	915773	28.034	ng/ul	99
72) Carbazole	17.36	167	313101	11.399	ng/ul#	95
74) Fluoranthene	19.03	202	7515421	193.661	ng/ul#	94
77) Pyrene	19.39	202	6506173	222.236	ng/ul#	92
80) Benzo(a)anthracene	21.15	228	2645153	96.211	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	73426	4.235	ng/ul	99
82) Chrysene	21.20	228	2443807	95.284	ng/ul	97
85) Benzo(b)fluoranthene	22.71	252	2762792	107.723	ng/ul#	98
86) Benzo(k)fluoranthene	22.74	252	953621	39.108	ng/ul#	96
88) Benzo(a)pyrene	23.27	252	2097701	91.529	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	1298593	58.392	ng/ul	98
90) Dibenzo(a,h)anthracene	25.54	278	396737	21.469	ng/ul#	80

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014472.D
Acq On : 05 Mar 2018 14:35
Operator : SJ/JU
Sample : J1678-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 05 15:57:05 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	26.23	276	1129865	62.715	ng/ul#	96

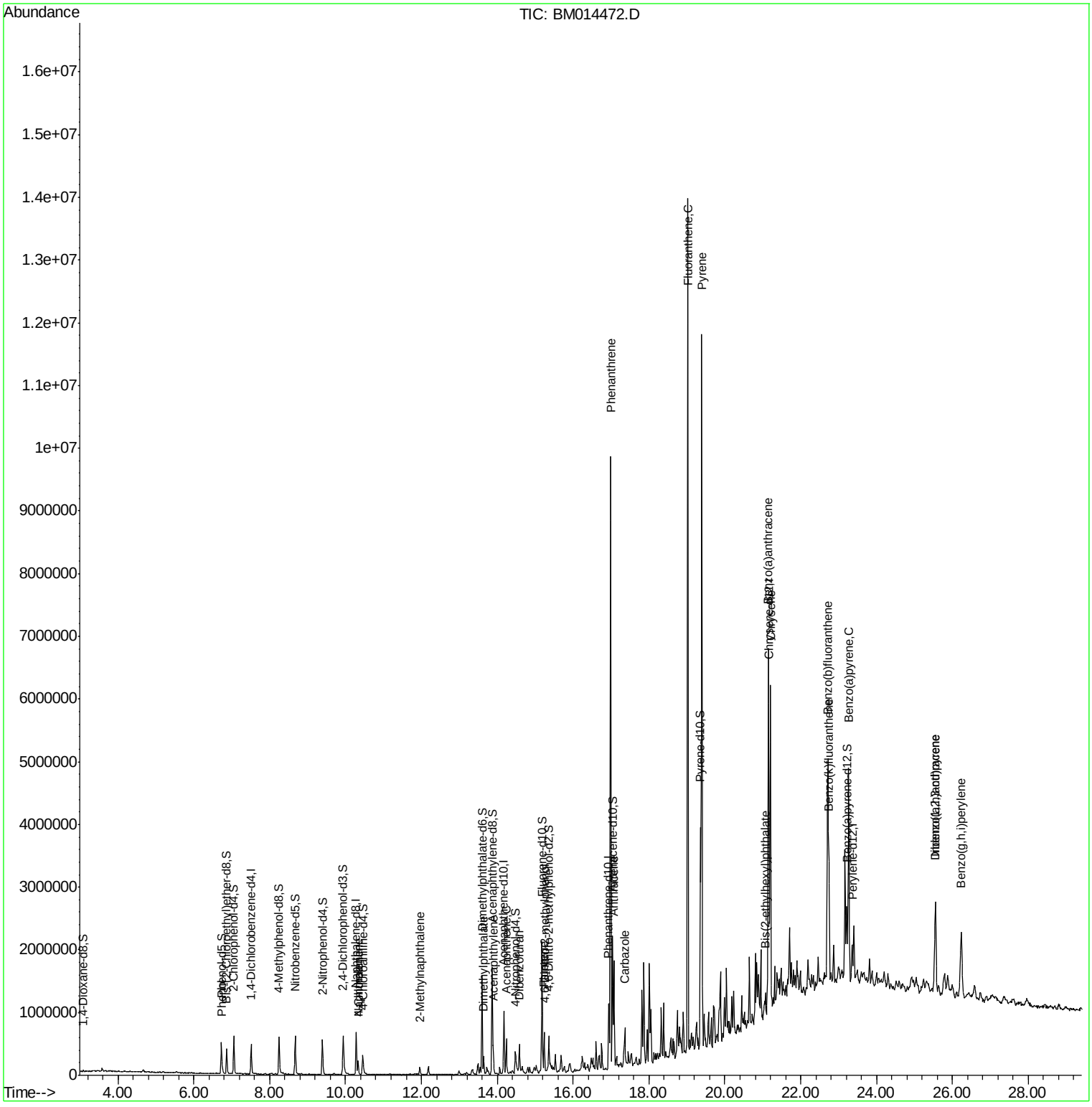
(#) = qualifier out of range (m) = manual integration (+) = signals summed

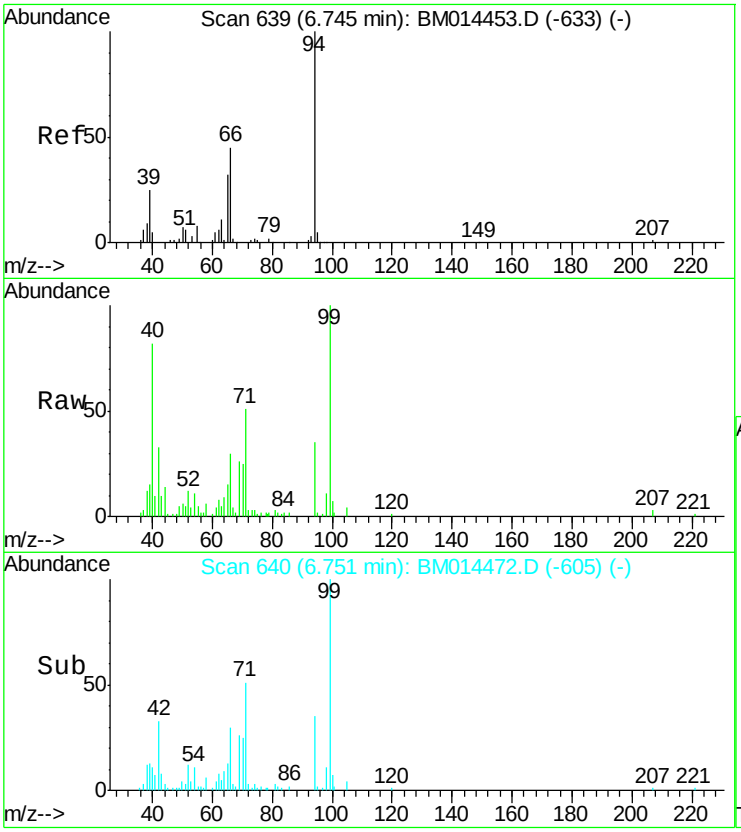
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014472.D
Acq On : 05 Mar 2018 14:35
Operator : SJ/JU
Sample : J1678-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 05 15:57:05 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration



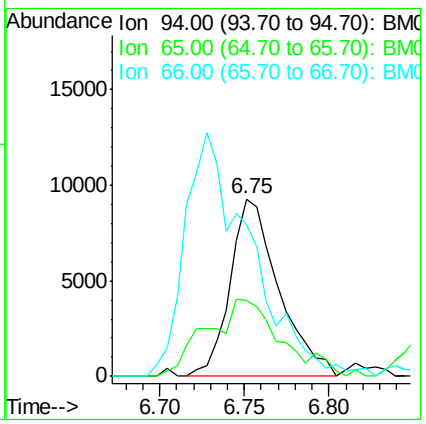


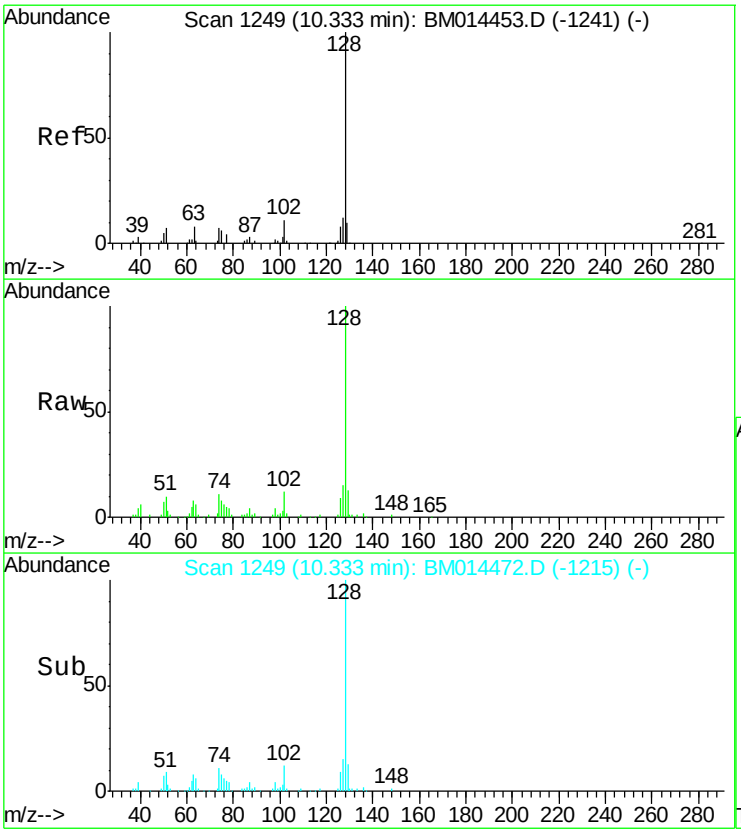
#6
Phenol
Concen: 1.975 ng/ul
RT: 6.75 min Scan# 640
Delta R.T. 0.01 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 18639

Ion	Ratio	Lower	Upper
94	100		
65	42.7	28.2	42.4#
66	85.5	47.2	70.8#

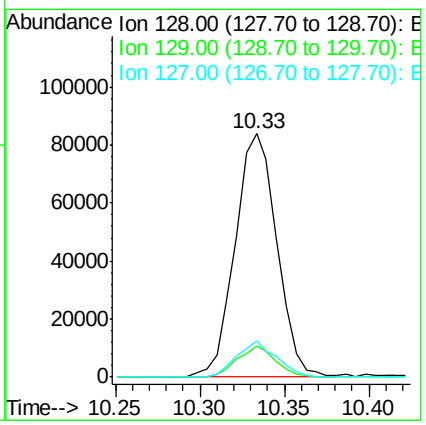


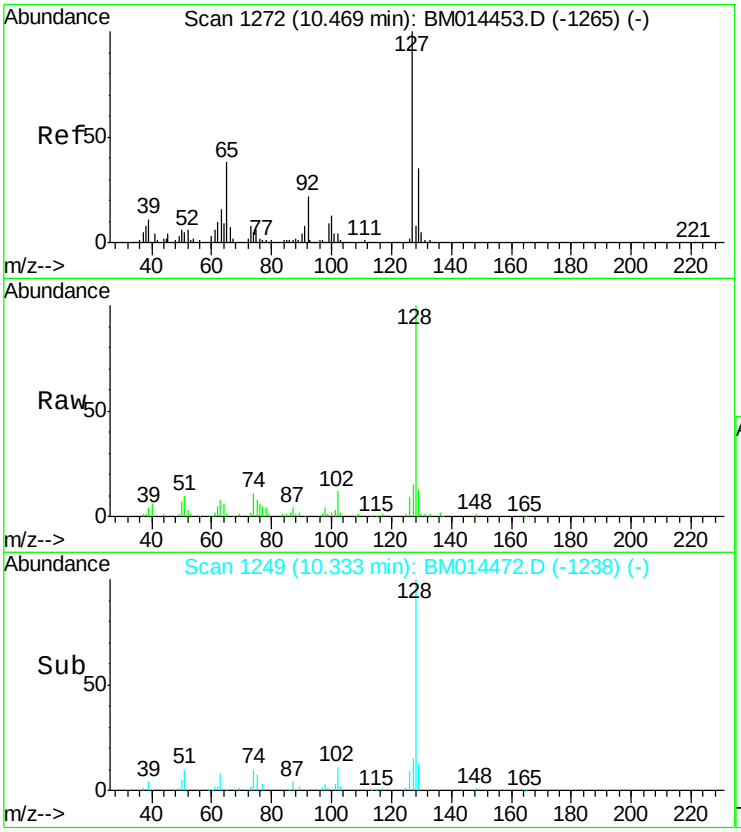


#28
Naphthalene
Concen: 5.877 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:128 Resp: 143959

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.8	13.2
127	14.8	10.6	16.0



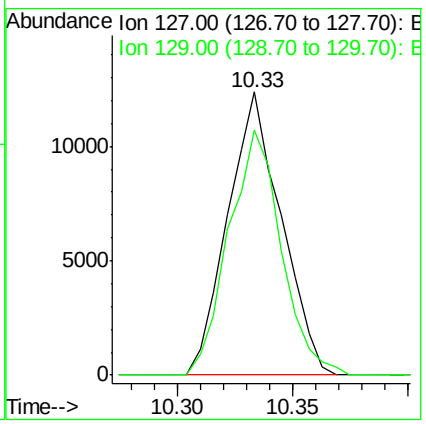


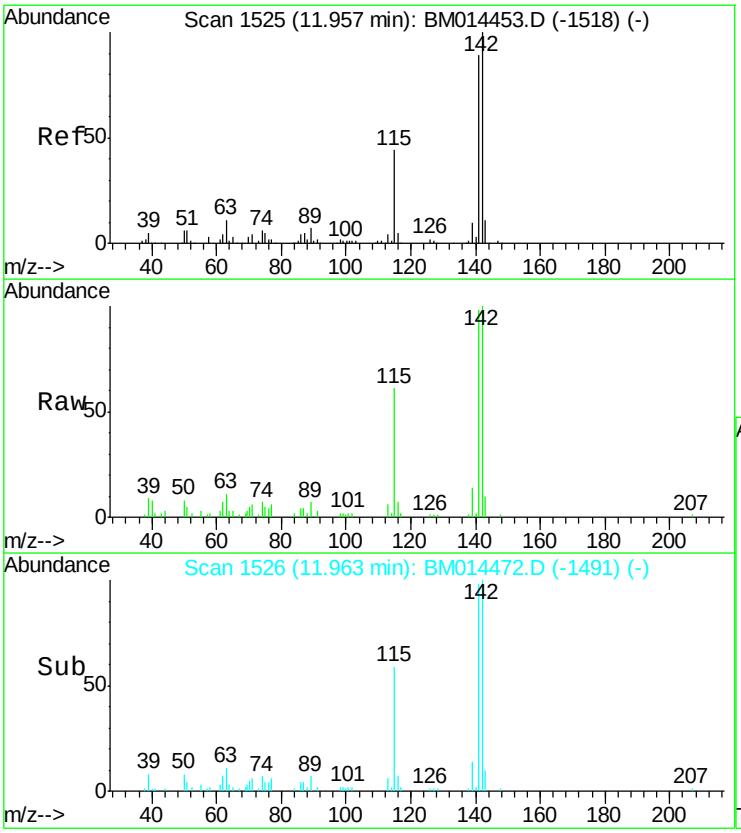
#30
4-Chloroaniline
Concen: 2.626 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. -0.14 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp: 19935

Ion	Ratio	Lower	Upper
127	100		
129	86.6	28.4	42.6#

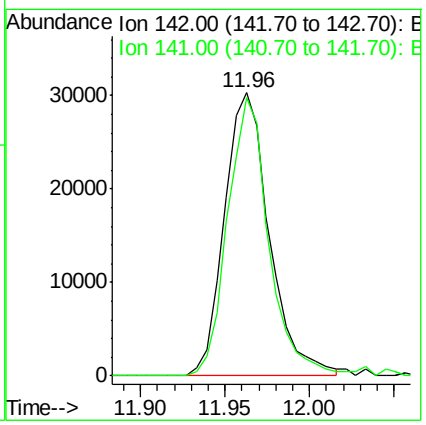


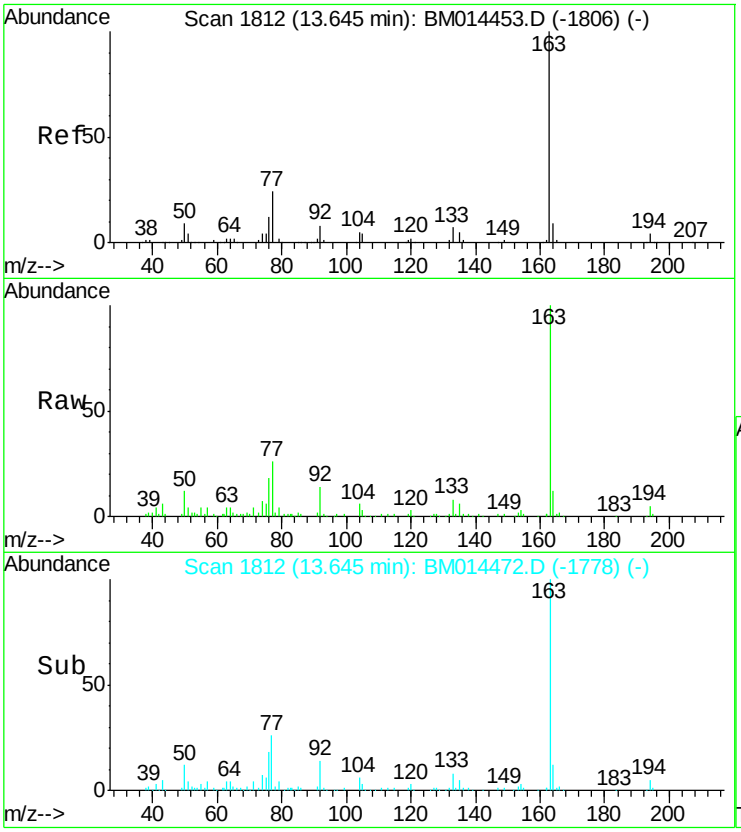


#34
2-Methylnaphthalene
Concen: 3.006 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:142 Resp: 56042

Ion	Ratio	Lower	Upper
142	100		
141	98.1	74.1	111.1



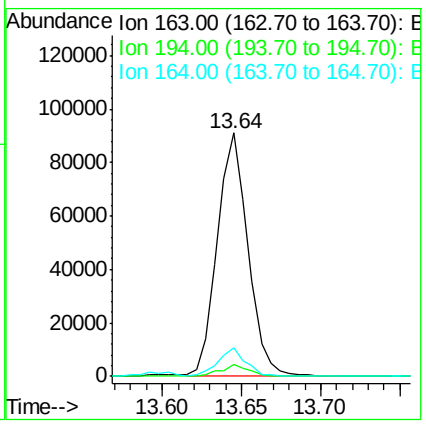


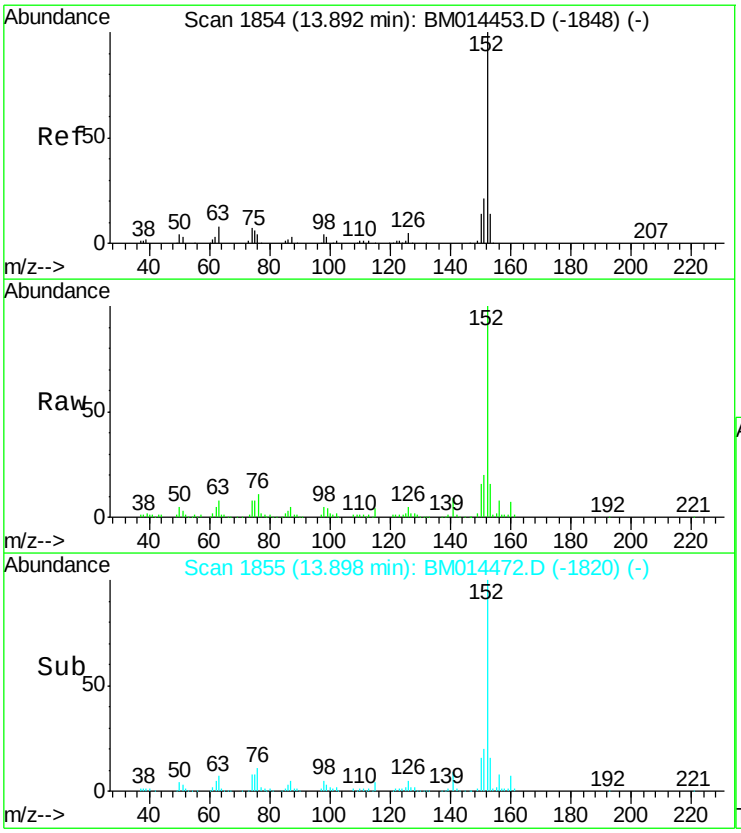
#44
Dimethylphthalate
Concen: 5.344 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 122661

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	11.9	8.2	12.4

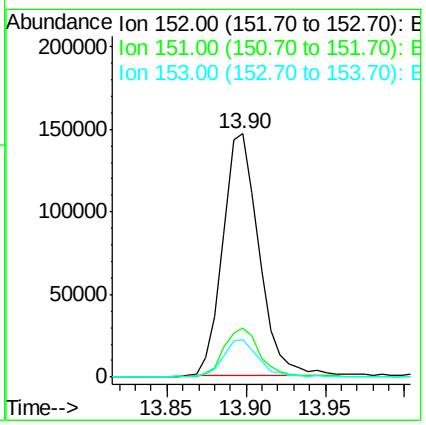


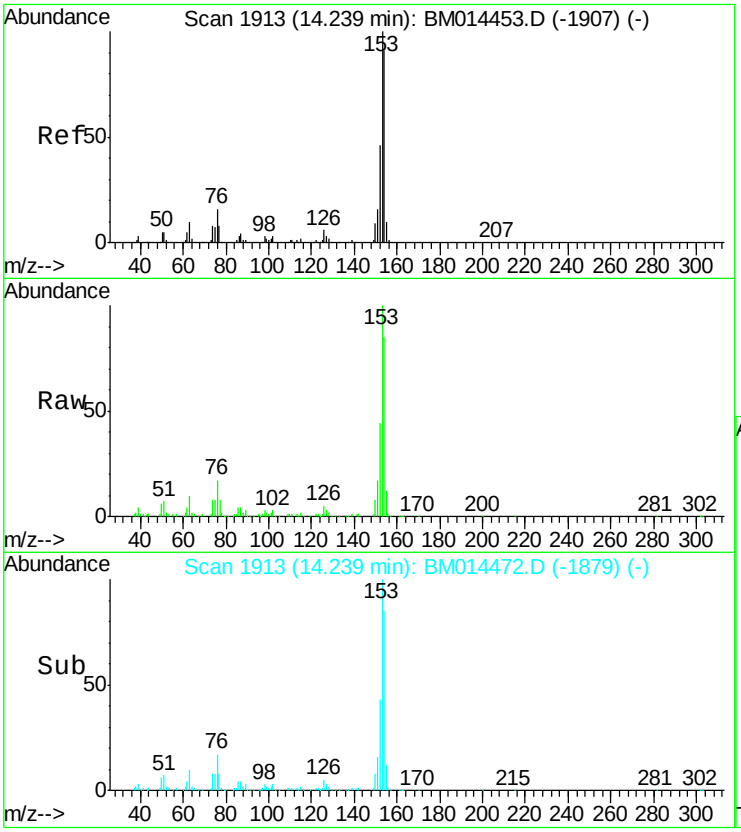


#47
Acenaphthylene
Concen: 8.482 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:152 Resp: 230108

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	15.5	10.2	15.4#



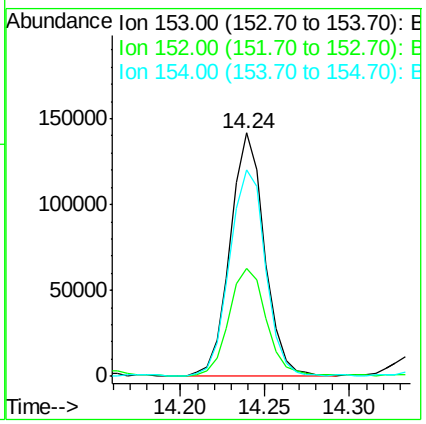


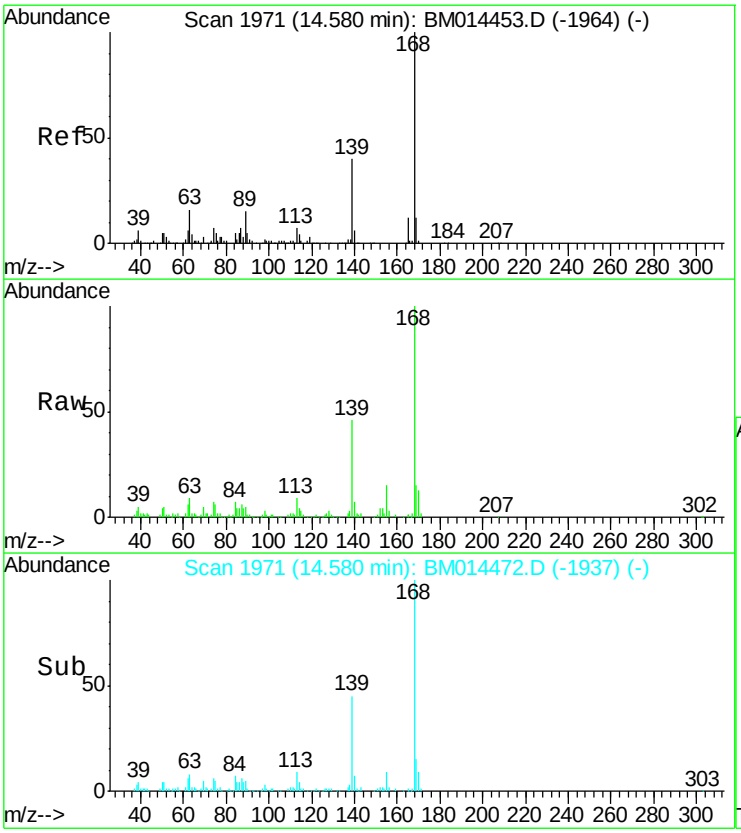
#49
Acenaphthene
Concen: 10.433 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 199295

Ion	Ratio	Lower	Upper
153	100		
152	44.1	37.6	56.4
154	84.6	70.4	105.6

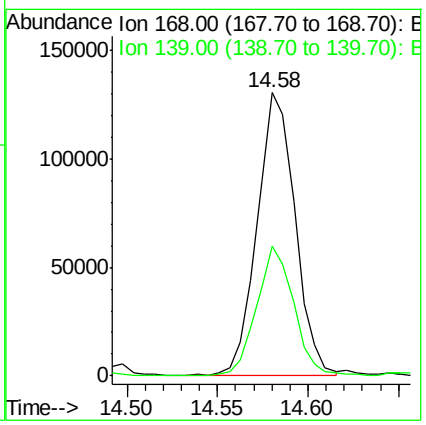


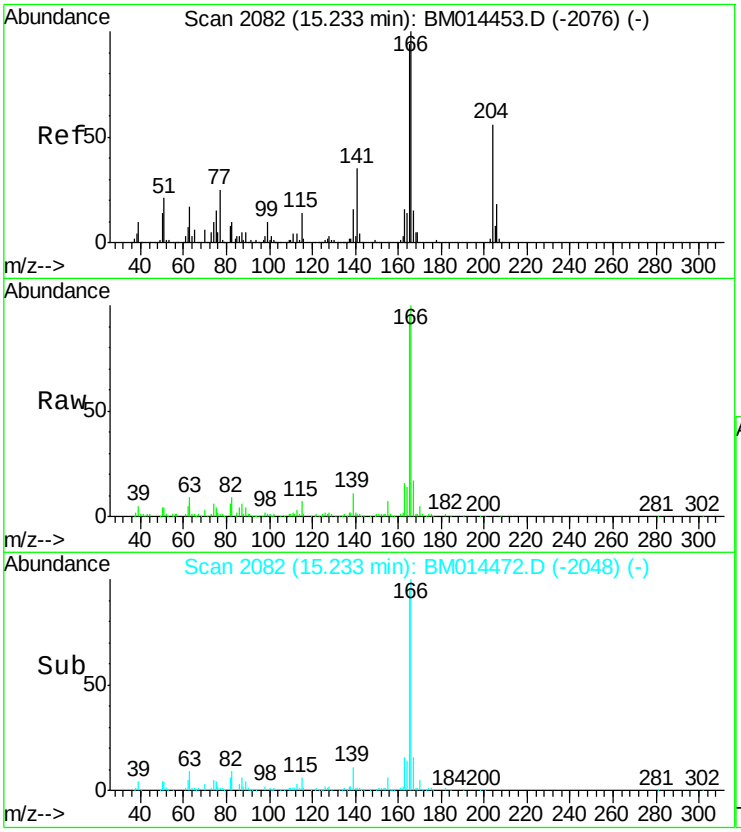


#53
Dibenzofuran
Concen: 6.667 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:168 Resp: 190953

Ion	Ratio	Lower	Upper
168	100		
139	46.0	30.8	46.2



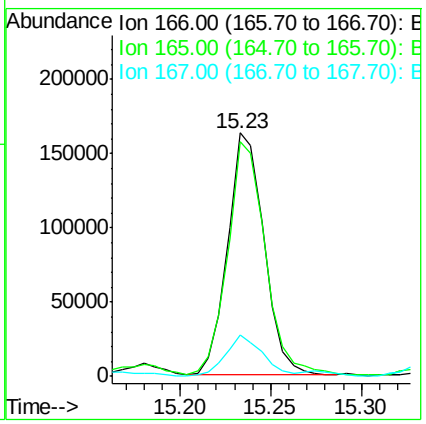


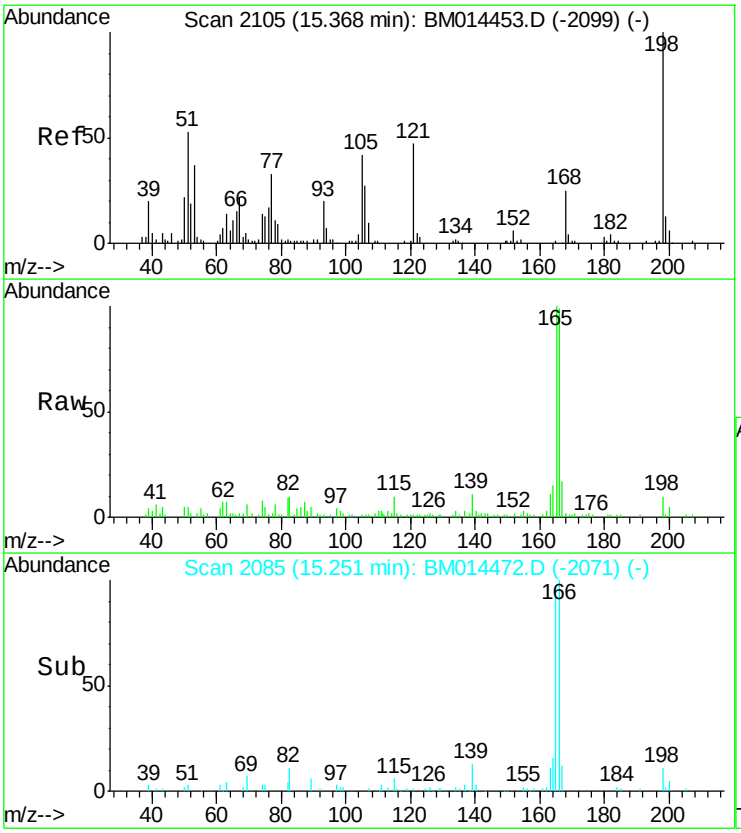
#58
Fluorene
Concen: 9.195 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 227377

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.9	116.9
167	16.9	10.6	16.0#

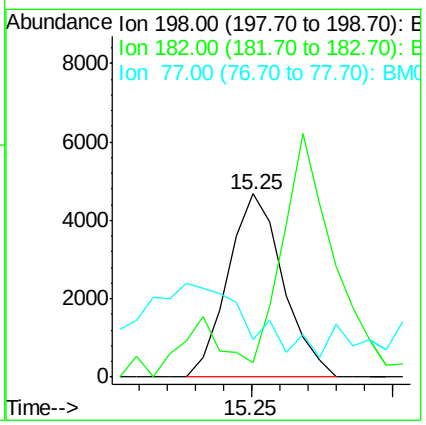


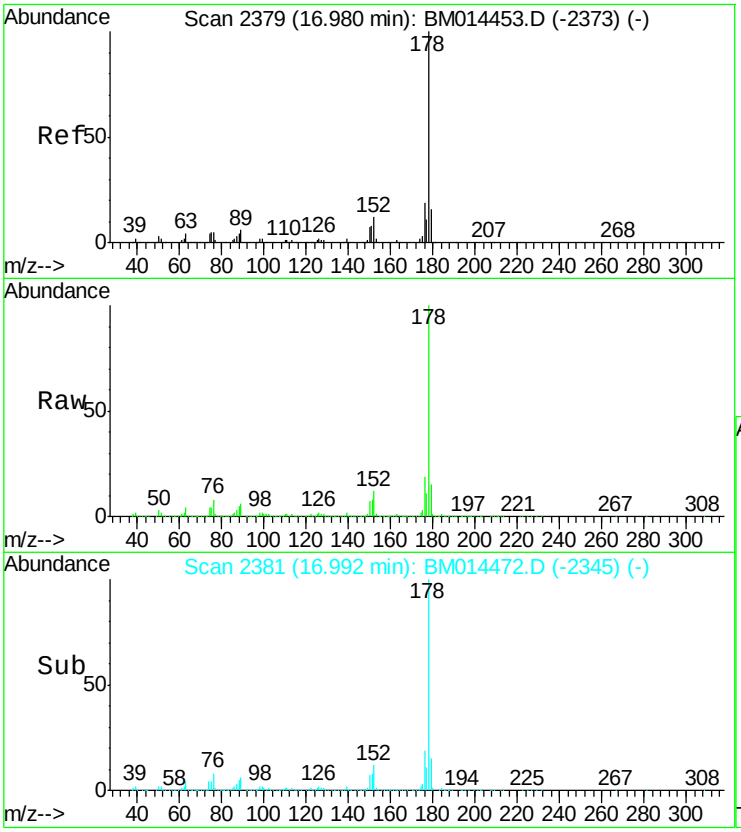


#63
4,6-Dinitro-2-methylphenol
Concen: 1.844 ng/ul
RT: 15.25 min Scan# 2085
Delta R.T. -0.12 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:198 Resp: 6348

Ion	Ratio	Lower	Upper
198	100		
182	7.9	3.8	5.6#
77	20.5	25.2	37.8#



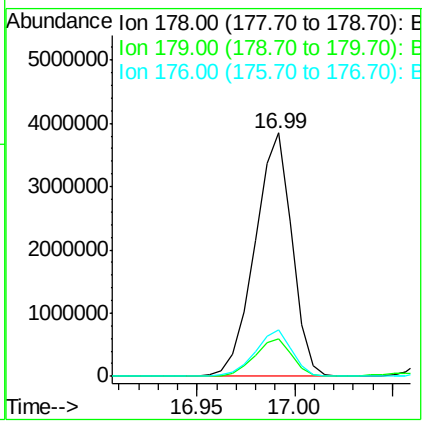


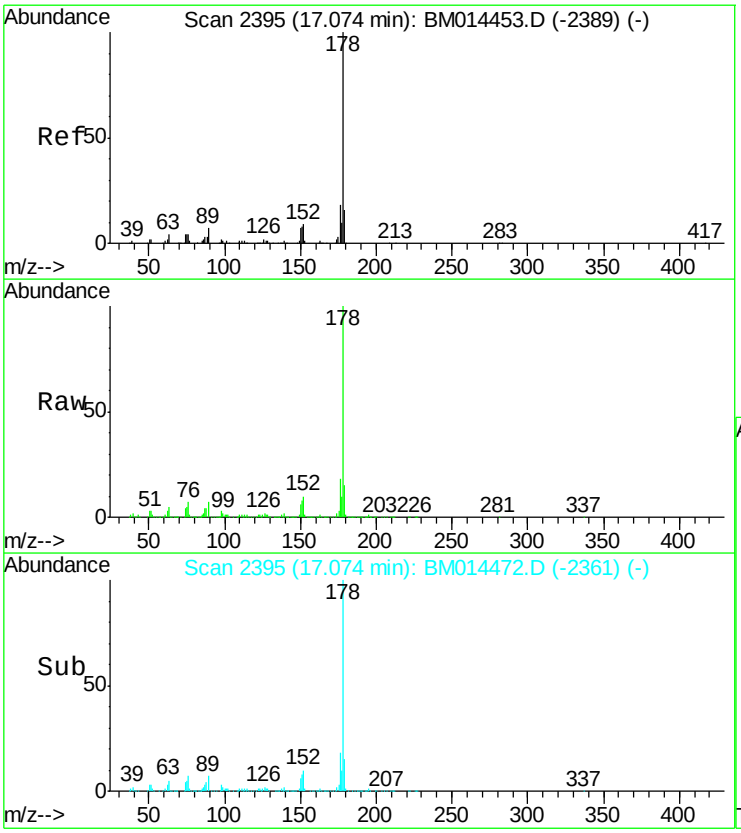
#69
Phenanthrene
Concen: 155.398 ng/ul
RT: 16.99 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 5047592

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.1	14.9	22.3

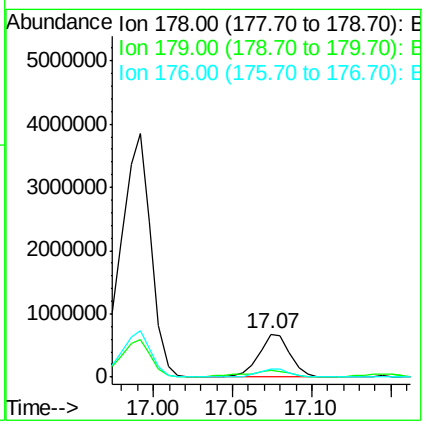


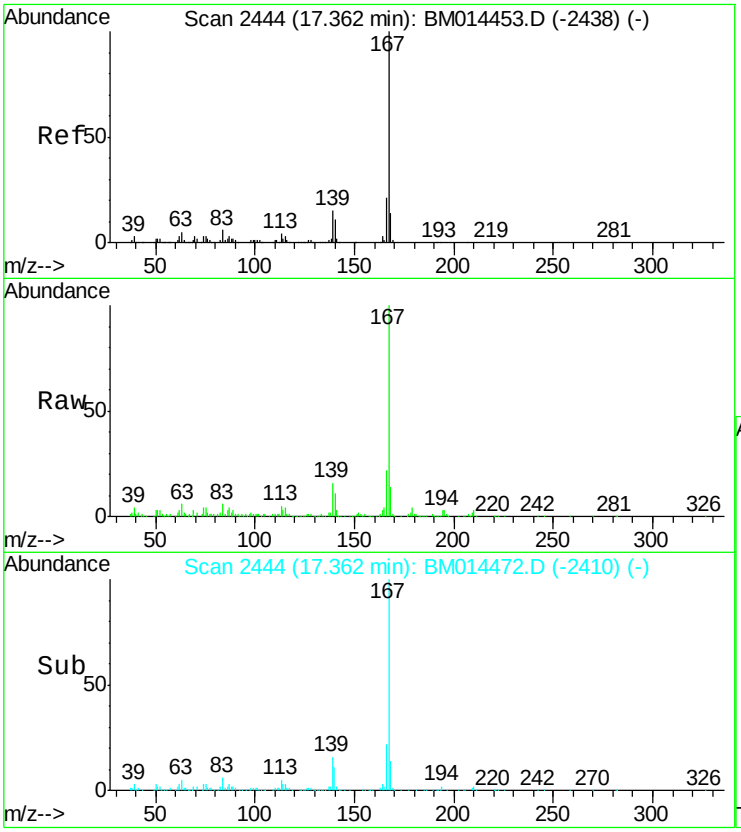


#71
Anthracene
Concen: 28.034 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:178 Resp: 915773

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	17.9	14.6	21.8



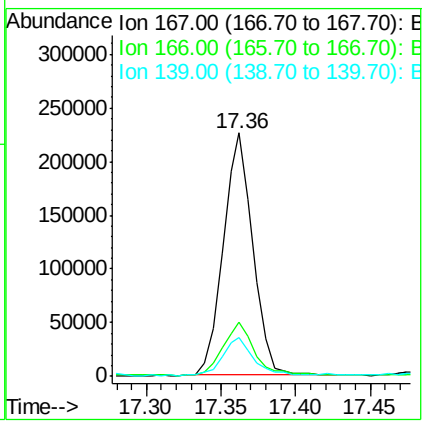


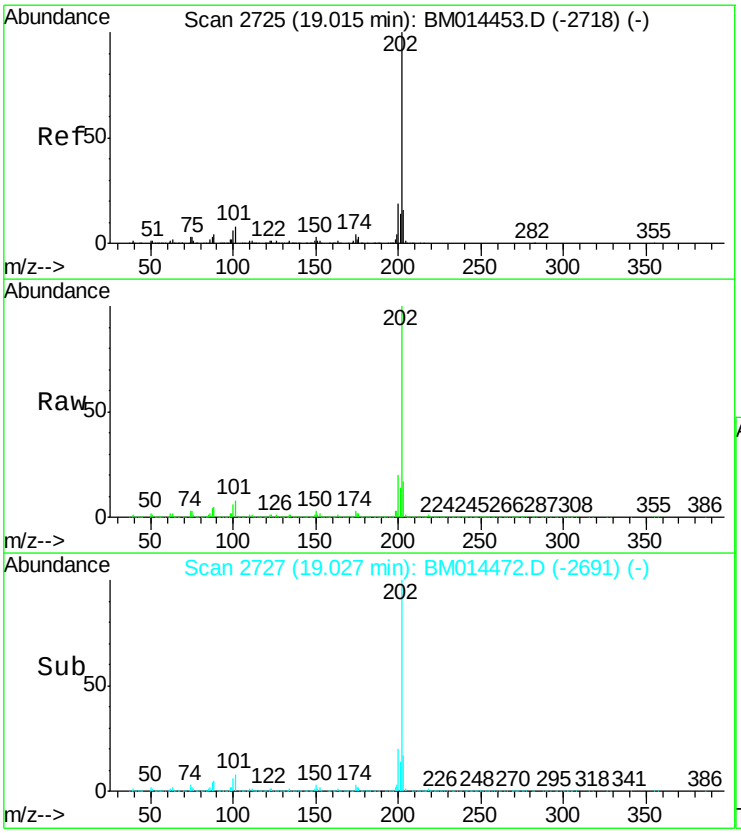
#72
Carbazole
Concen: 11.399 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 313101

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	16.1	10.0	15.0#

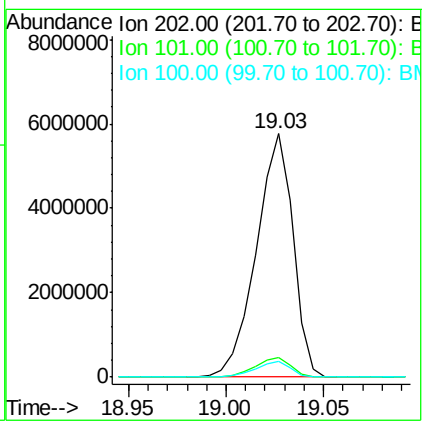


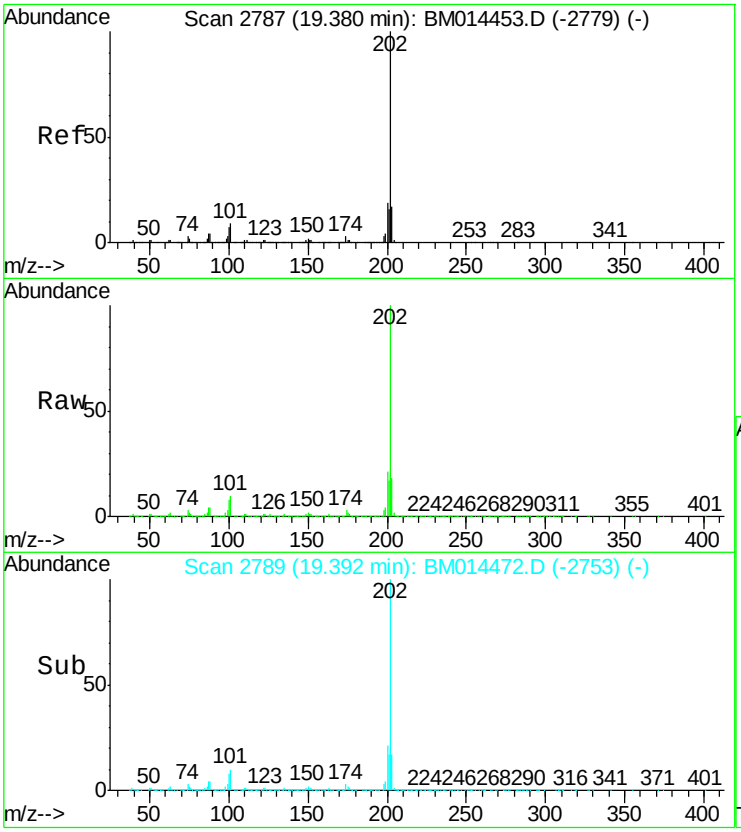


#74
Fluoranthene
Concen: 193.661 ng/ul
RT: 19.03 min Scan# 2727
Delta R.T. 0.01 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:202 Resp: 7515421

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.3	3.4	5.2#



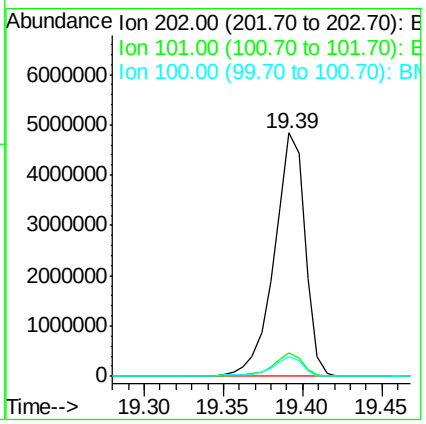


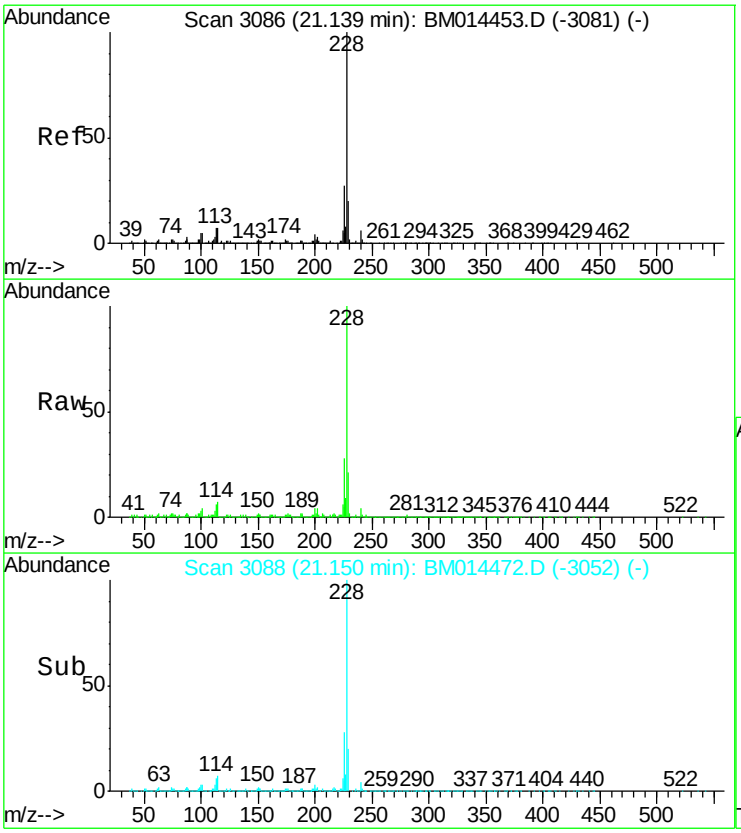
#77
Pyrene
Concen: 222.236 ng/ul
RT: 19.39 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 6506173

Ion	Ratio	Lower	Upper
202	100		
101	9.8	5.1	7.7#
100	8.1	4.9	7.3#

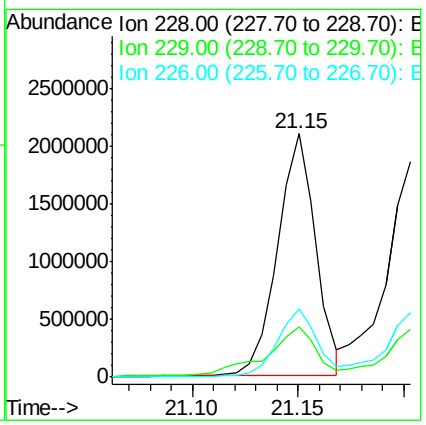


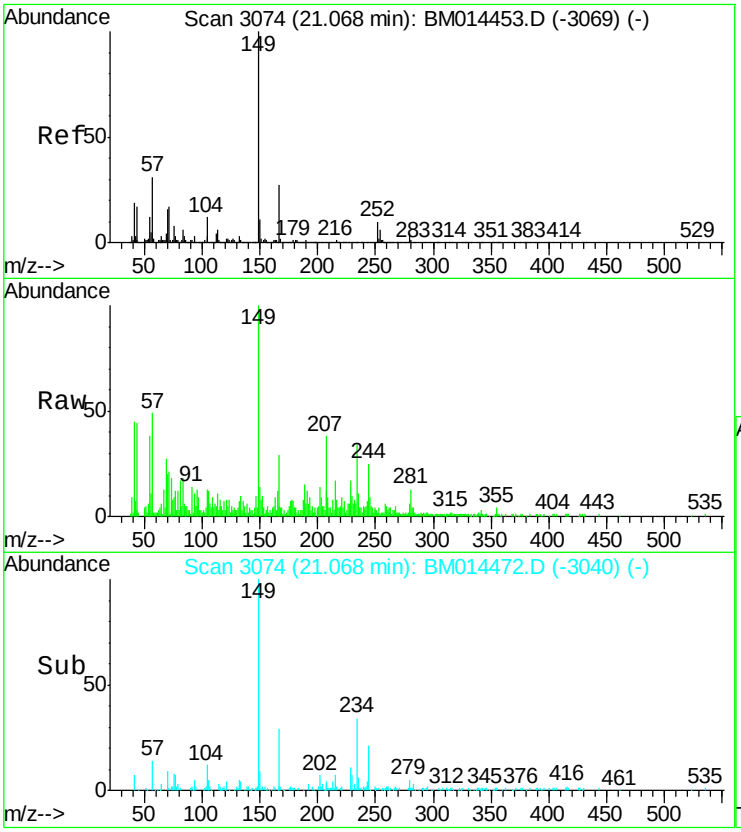


#80
Benzo(a)anthracene
Concen: 96.211 ng/ul
RT: 21.15 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:228 Resp: 2645153

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	27.8	21.4	32.0



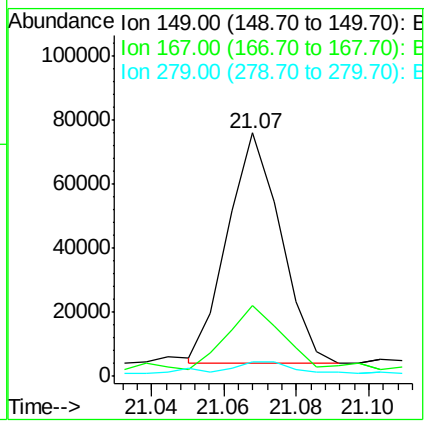


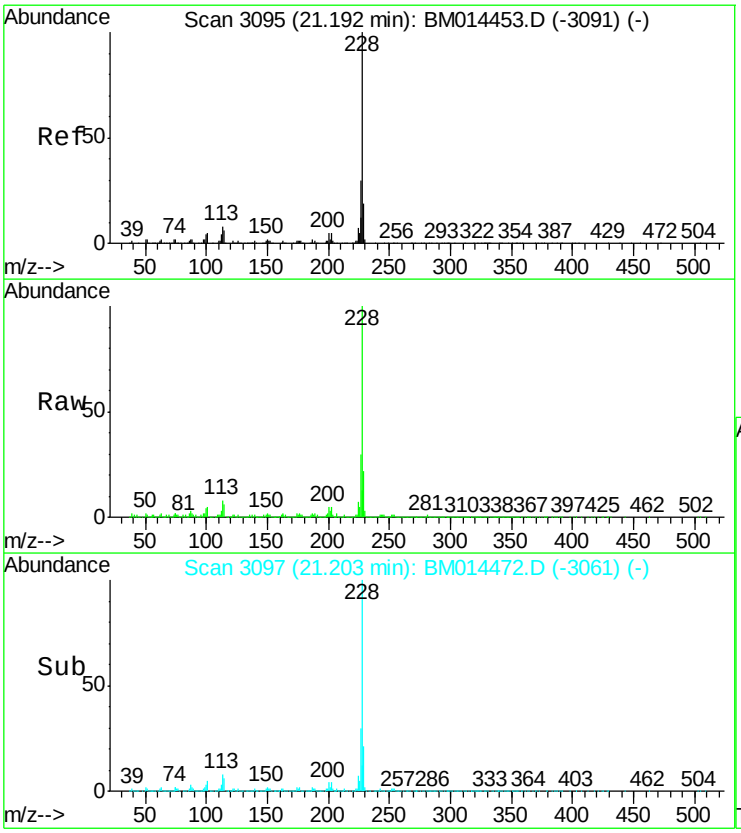
#81
Bis(2-ethylhexyl)phthalate
Concen: 4.235 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 73426

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.8	34.2
279	5.8	4.9	7.3

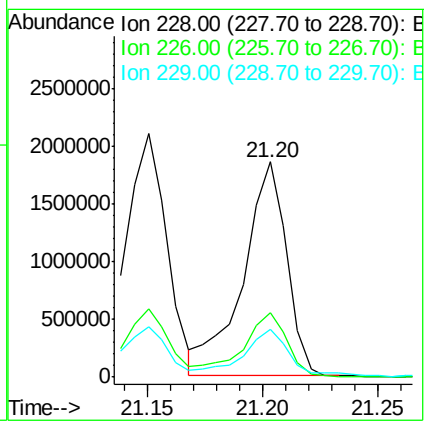


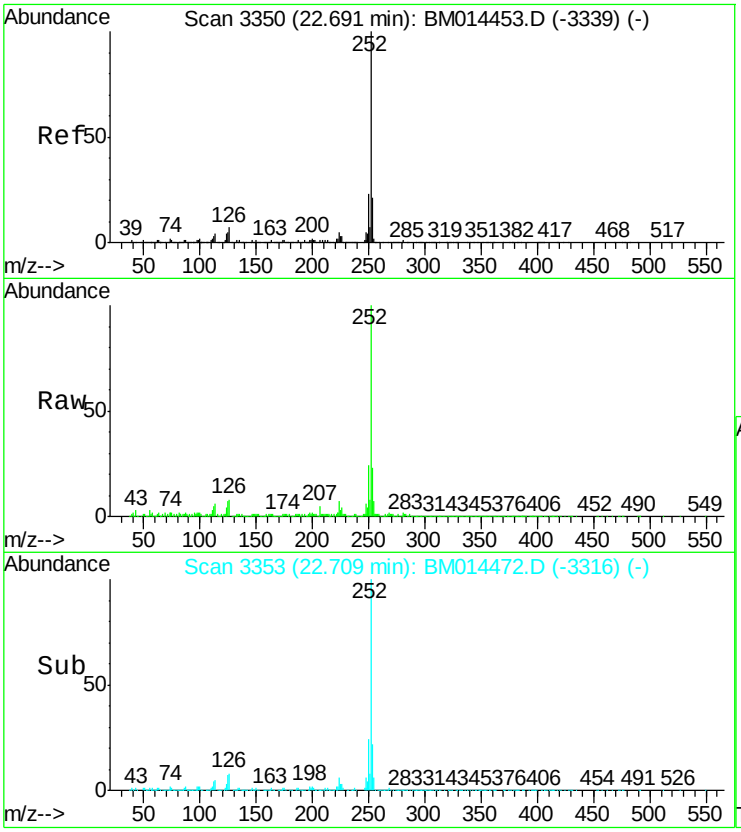


#82
Chrysene
Concen: 95.284 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:228 Resp: 2443807

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.9	15.5	23.3



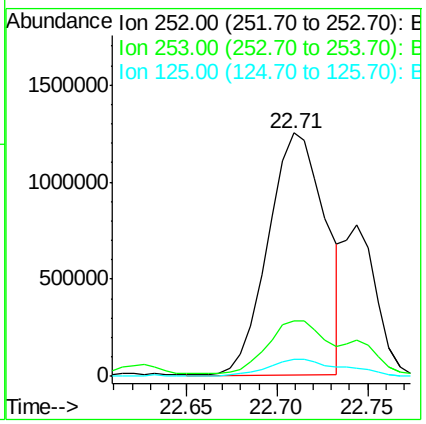


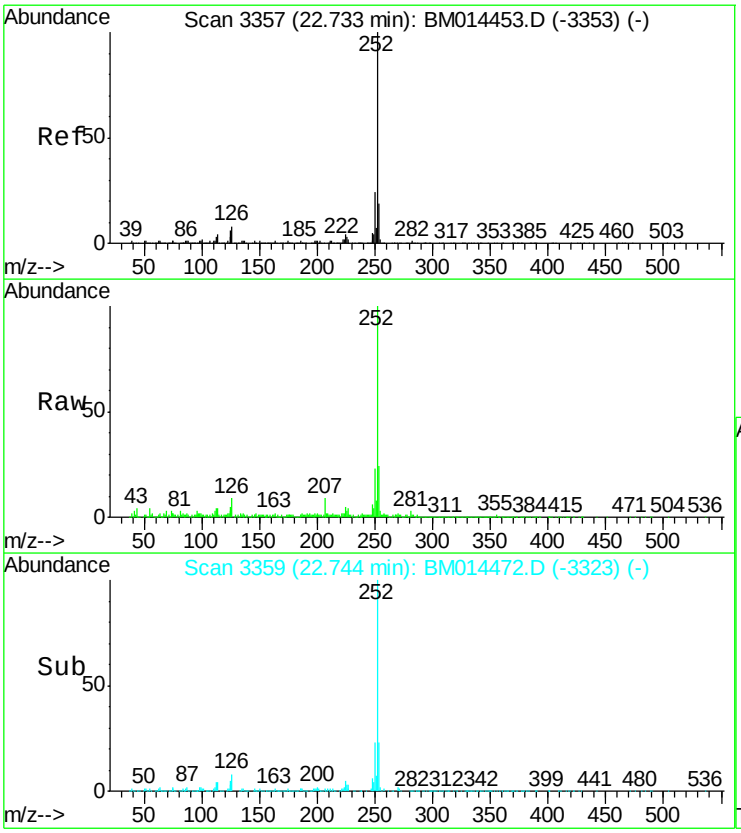
#85
Benzo(b)fluoranthene
Concen: 107.723 ng/ul
RT: 22.71 min Scan# 3353
Delta R.T. 0.02 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2762792

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	6.8	3.6	5.4#

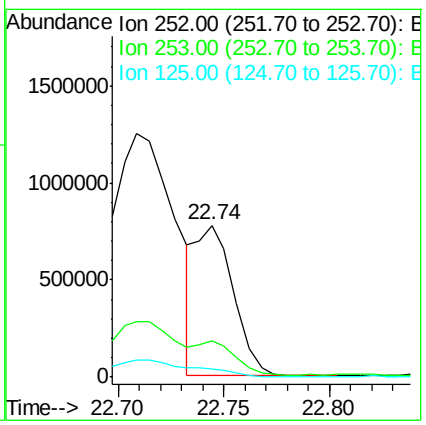


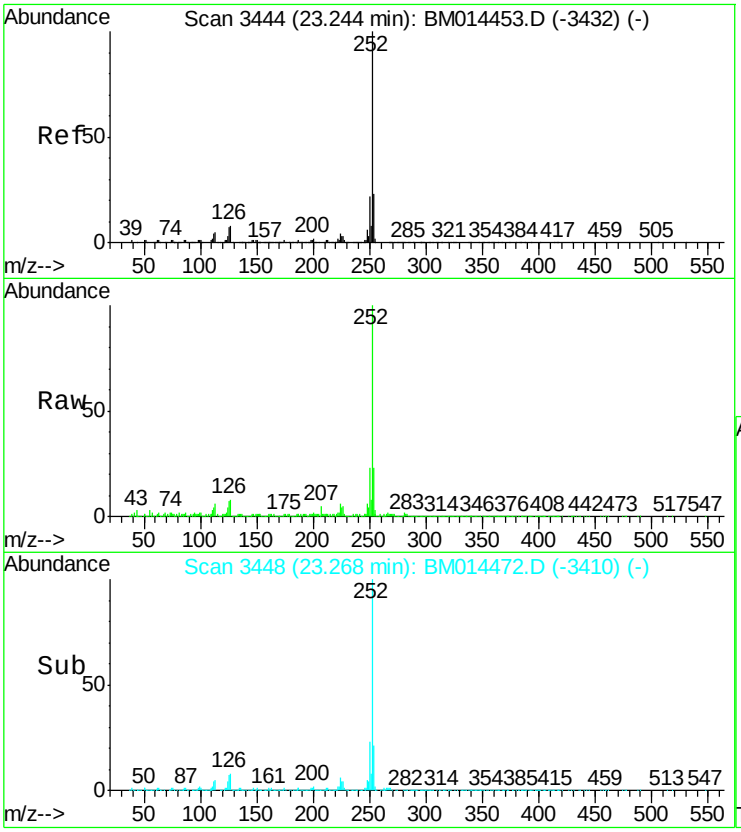


#86
Benzo(k)fluoranthene
Concen: 39.108 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:252 Resp: 953621

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	5.4	3.4	5.2#



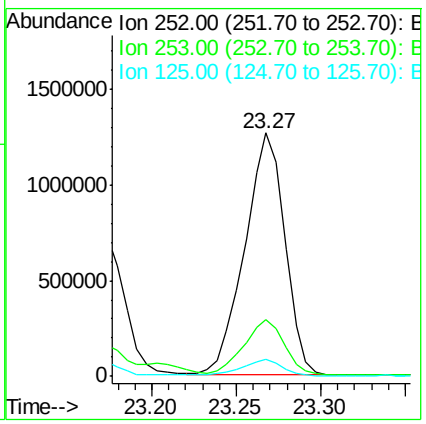


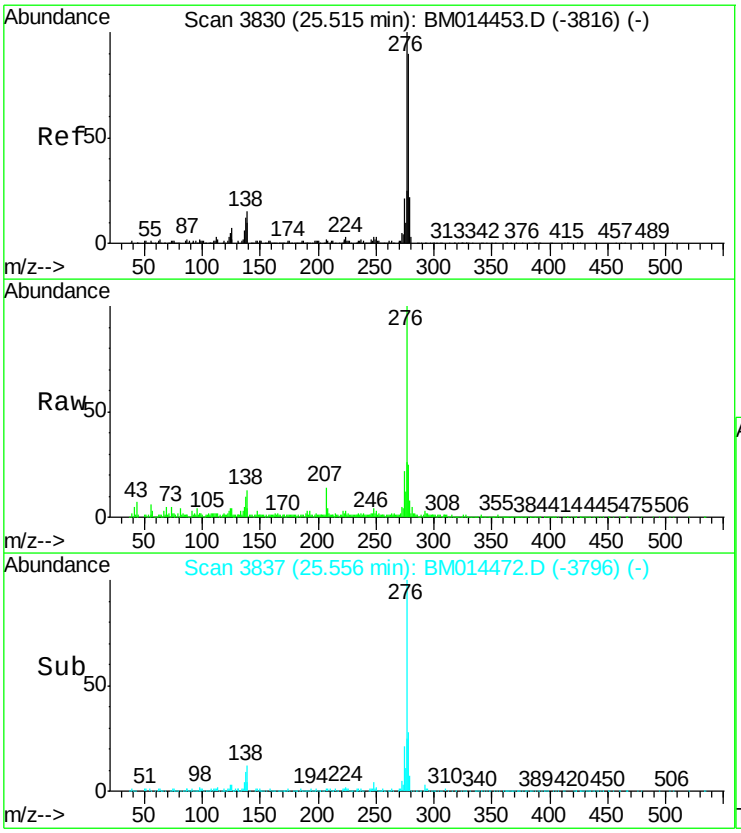
#88
Benzo(a)pyrene
Concen: 91.529 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. 0.02 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2097701

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	6.9	4.0	6.0#

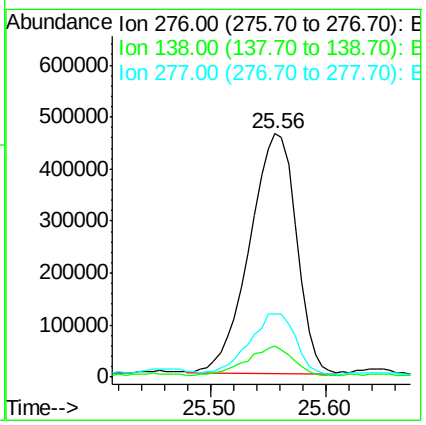


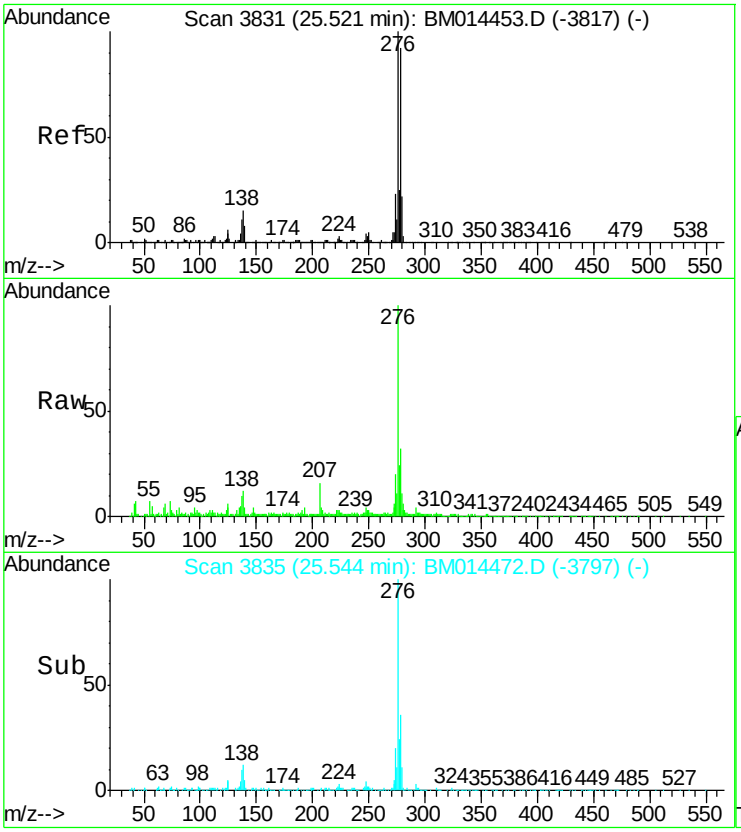


#89
Indeno(1,2,3-cd)pyrene
Concen: 58.392 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. 0.04 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:276 Resp: 1298593

Ion	Ratio	Lower	Upper
276	100		
138	12.6	9.3	13.9
277	25.7	19.9	29.9



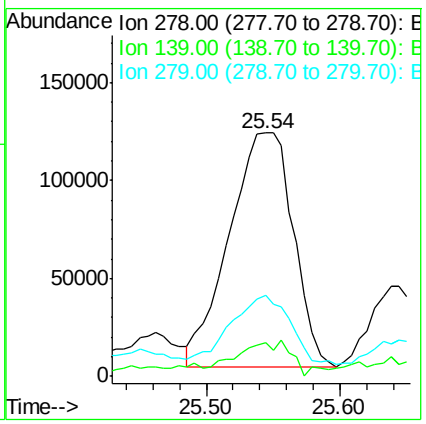


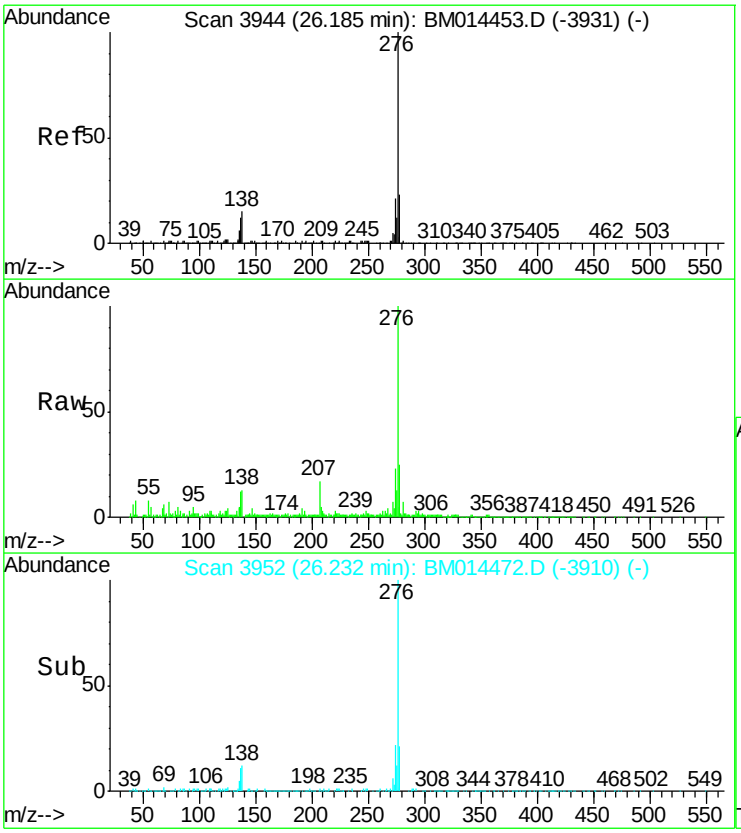
#90
Dibenzo(a,h)anthracene
Concen: 21.469 ng/ul
RT: 25.54 min Scan# 3835
Delta R.T. 0.02 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 396737

Ion	Ratio	Lower	Upper
278	100		
139	13.7	5.8	8.8#
279	33.5	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 62.715 ng/ul
RT: 26.23 min Scan# 3952
Delta R.T. 0.05 min
Lab File: BM014472.D
Acq: 05 Mar 2018 14:35

Tgt Ion:276 Resp: 1129865

Ion	Ratio	Lower	Upper
276	100		
138	13.0	8.5	12.7#
277	24.8	18.6	28.0