Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014462.D
Acq On : 02 Mar 2018 15:19
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 02 22:35:29 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	7.52	152	84533	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	365750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	246917	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	594440	20.00	ng/ul	0.01
75) Chrysene-d12	21.18	240	620737	20.00	ng/ul	0.02
83) Perylene-d12	23.26	264	798692	20.00	ng/ul	-0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	7810	3.95	ng/uL	0.00
5) Phenol-d5	6.73	99	202239	28.31	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	117564	27.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	167970	30.66	ng/ul	0.01
13) 4-Methylphenol-d8	8.25	113	168417	26.94	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	83495	30.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	92561	33.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	174090	30.04	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	61194	10.72	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	628302	30.81	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	811187	32.26	ng/ul	0.01
51) 4-Nitrophenol-d4	14.48	143	73146	25.98	ng/ul	0.02
57) Fluorene-d10	15.19	176	578742	31.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	8050	2.26	ng/ul	0.02
70) Anthracene-d10	17.05	188	907080	31.63	ng/ul	0.01
76) Pyrene-d10	19.37	212	1021193	31.90	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.26	264	795445	20.46	ng/ul	0.06
Target Compounds						Qvalue
28) Naphthalene	10.34	128	74757	3.980	ng/ul	99
30) 4-Chloroaniline	10.49	127	40255	6.914	ng/ul	89
34) 2-Methylnaphthalene	11.96	142	25076	1.754	ng/ul	84
44) Dimethylphthalate	13.65	163	96403	4.794	ng/ul#	95
47) Acenaphthylene	13.90	152	137581	5.789	ng/ul	98
49) Acenaphthene	14.24	153	21969	1.313	ng/ul	90
53) Dibenzofuran	14.59	168	60058	2.393	ng/ul	88
56) Diethylphthalate	15.02	149	62293	2.780	ng/ul#	92
58) Fluorene	15.24	166	44334	2.047	ng/ul#	93
69) Phenanthrene	16.99	178	1682389	49.122	ng/ul	99
71) Anthracene	16.99	178	1682389	48.844	ng/ul	98
72) Carbazole	17.37	167	151566	5.233	ng/ul#	97
74) Fluoranthene	19.03	202	2444143	59.732	ng/ul#	95
77) Pyrene	19.40	202	2104188	51.008	ng/ul#	93
78) Butylbenzylphthalate	20.31	149	66073	3.874	ng/ul#	43
79) 3,3'-Dichlorobenzidine	21.11	252	19309	1.769	ng/ul#	70
80) Benzo(a)anthracene	21.16	228	601027	15.514	ng/ul#	91
81) Bis(2-ethylhexyl)phthalate	21.09	149	277680	11.367	ng/ul	97
82) Chrysene	21.22	228	965034	26.703	ng/ul#	94
85) Benzo(b)fluoranthene	22.74	252	1260822	23.576	ng/ul#	89
86) Benzo(k)fluoranthene	22.74	252	1260822	24.797	ng/ul#	87
88) Benzo(a)pyrene	23.21	252	628204	13.145	ng/ul#	83

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014462.D
Acq On : 02 Mar 2018 15:19
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 02 22:35:29 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)

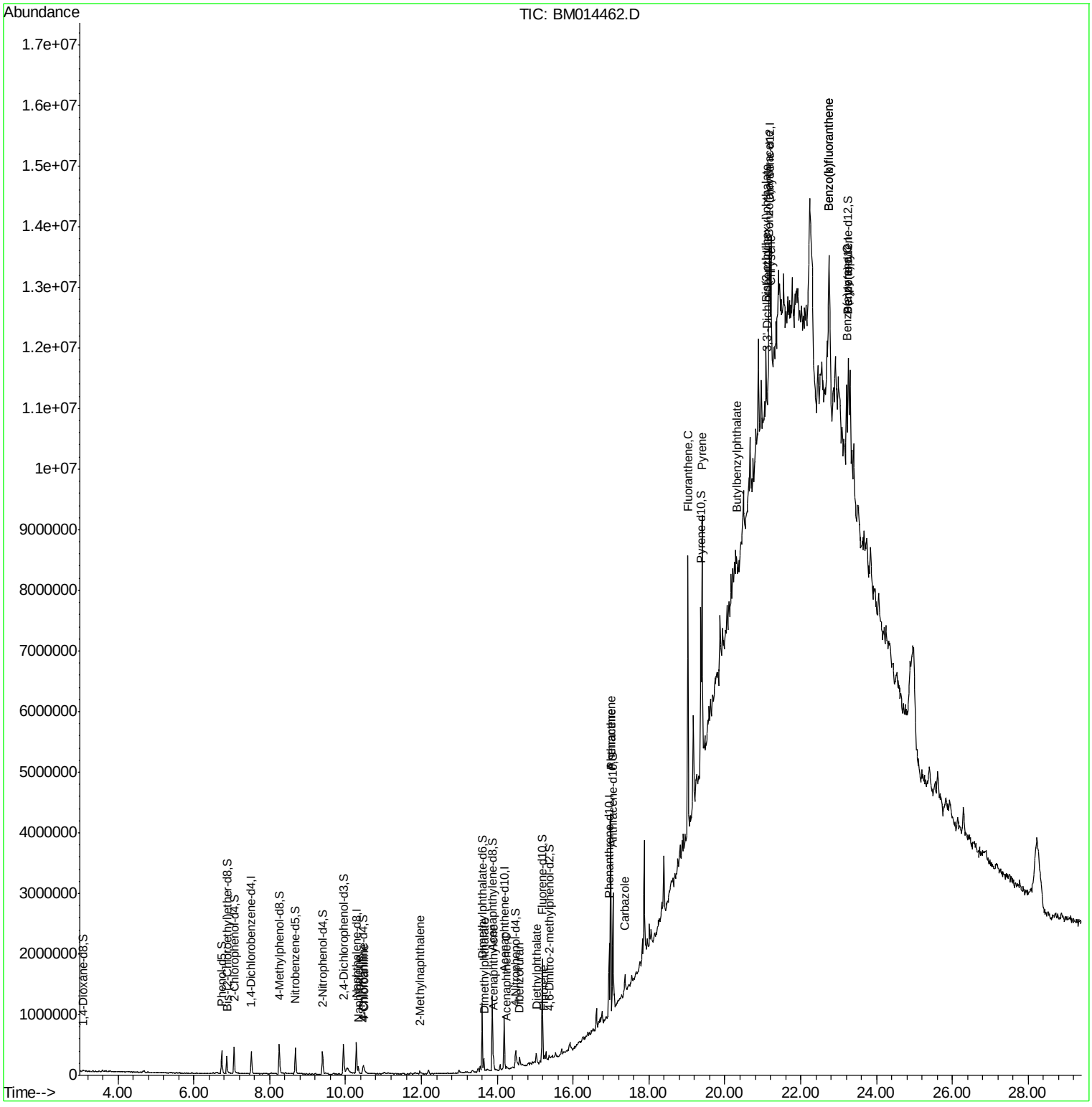
(#) = qualifier out of range (m) = manual integration (+) = signals summed

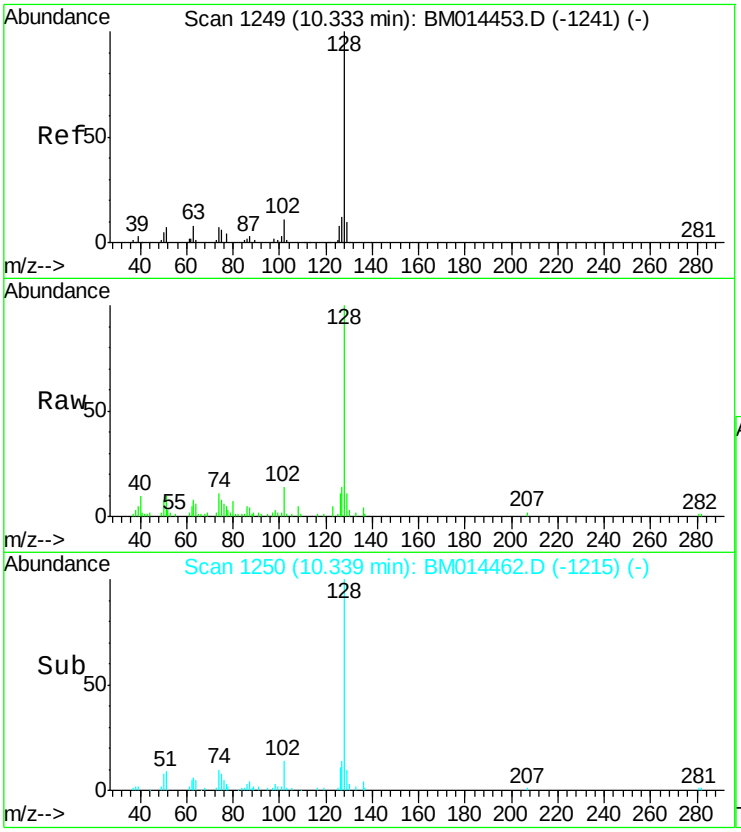
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014462.D
Acq On : 02 Mar 2018 15:19
Operator : SJ/JU
Sample : J1678-20
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 02 22:35:29 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



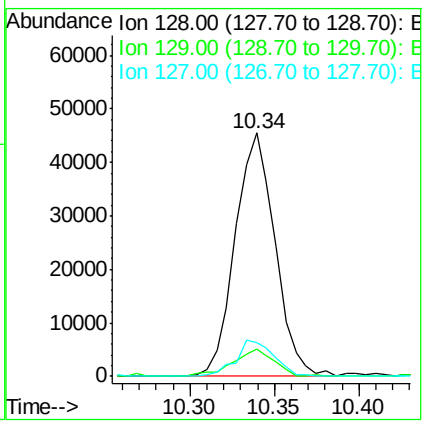


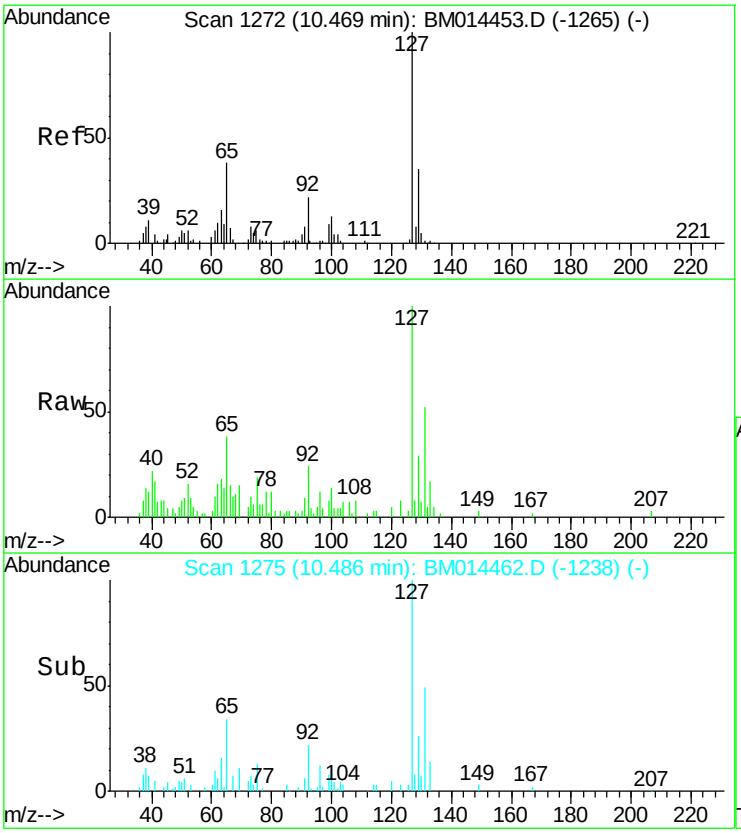
#28
Naphthalene
Concen: 3.980 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 74757

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	14.1	10.6	16.0

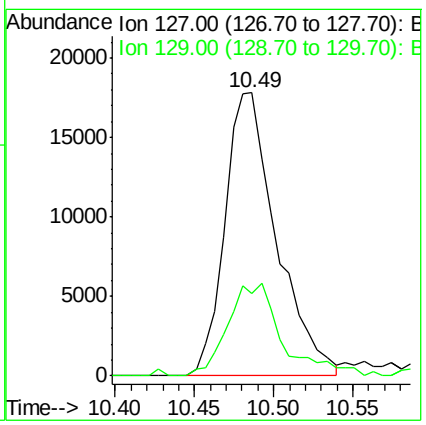


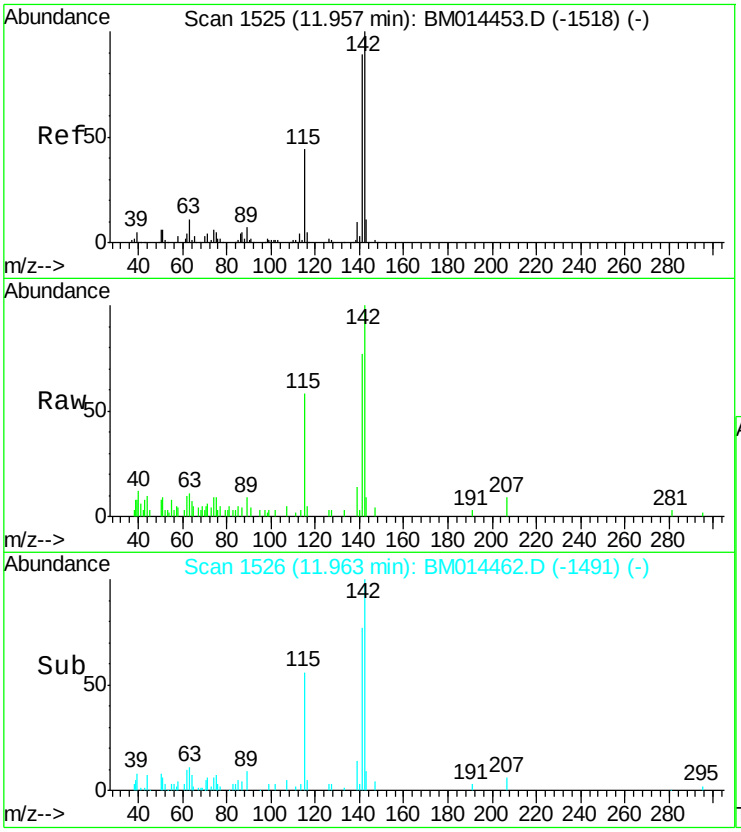


#30
4-Chloroaniline
Concen: 6.914 ng/ul
RT: 10.49 min Scan# 1275
Delta R.T. 0.02 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:127 Resp: 40255

Ion	Ratio	Lower	Upper
127	100		
129	29.1	28.4	42.6



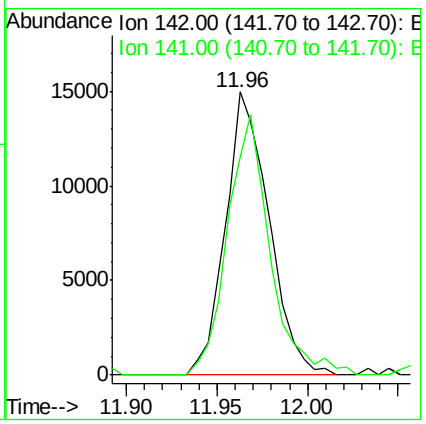


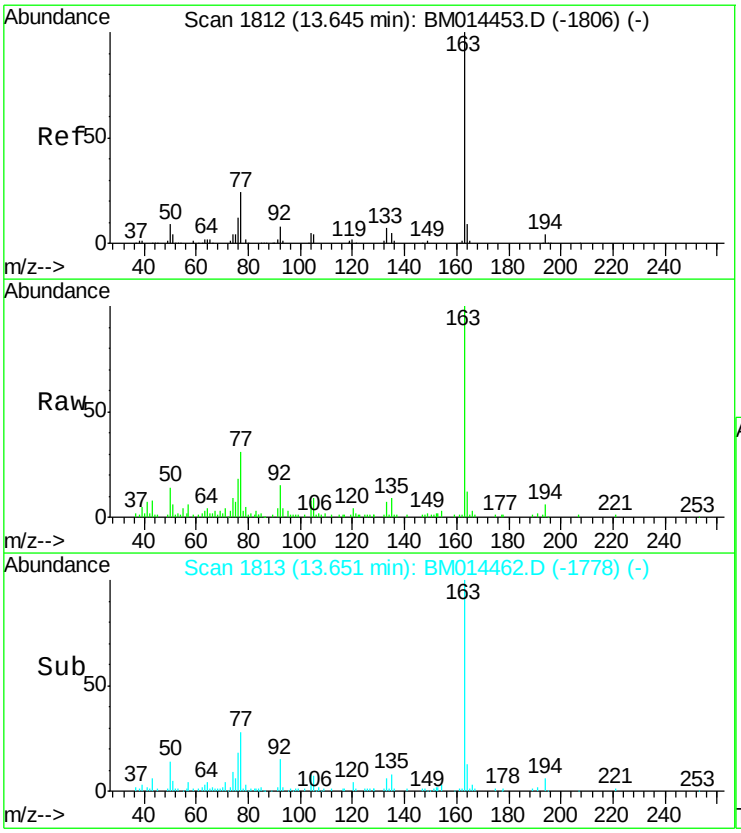
#34
2-Methylnaphthalene
Concen: 1.754 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 25076

Ion	Ratio	Lower	Upper
142	100		
141	76.9	74.1	111.1

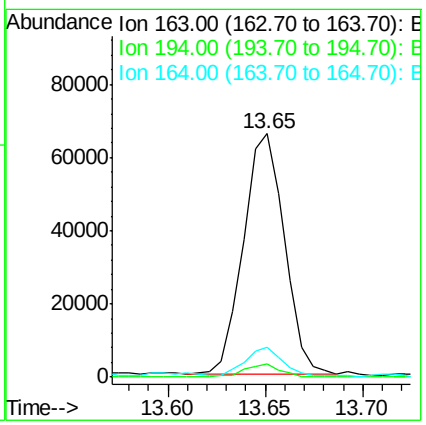


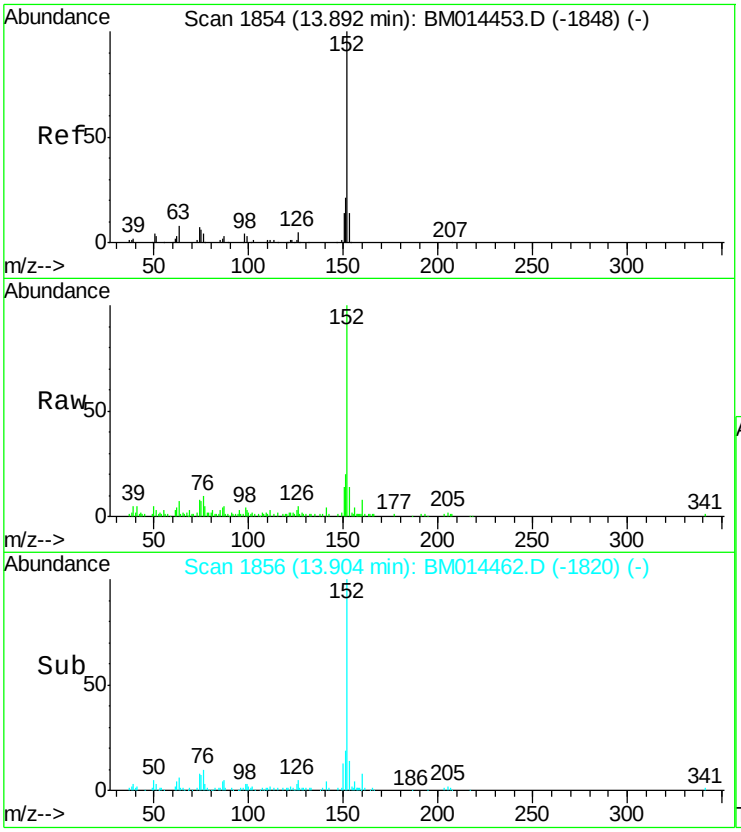


#44
Dimethylphthalate
Concen: 4.794 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:163 Resp: 96403

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.5	5.3#
164	12.5	8.2	12.4#



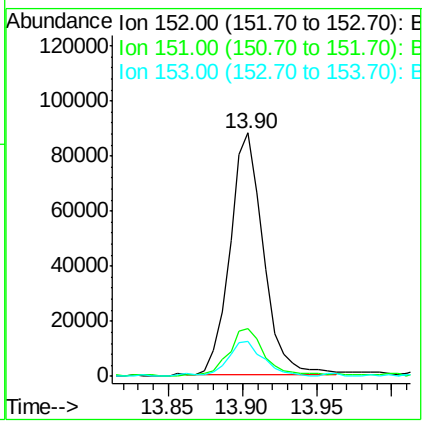


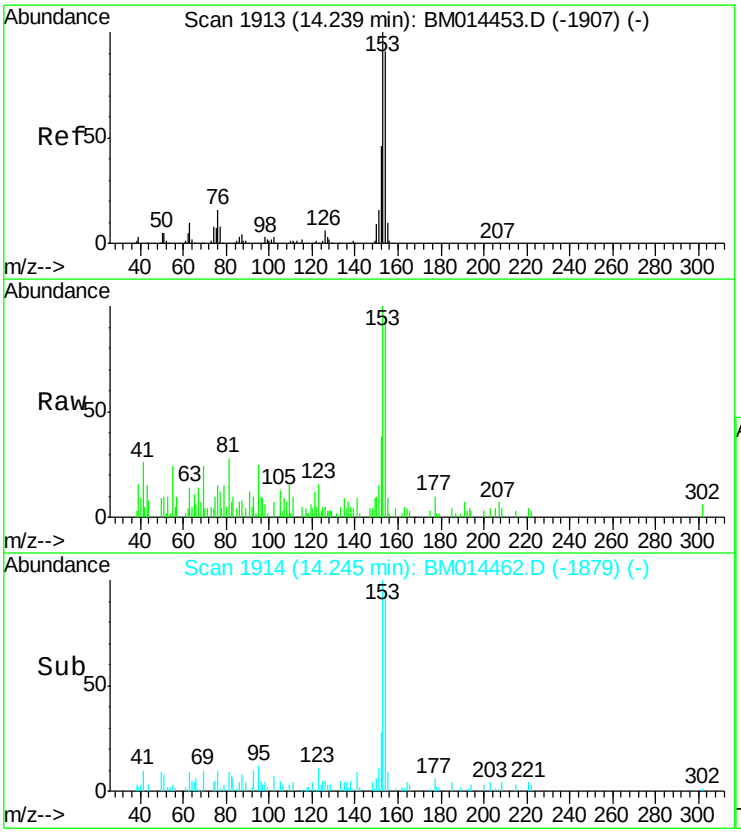
#47
Acenaphthylene
Concen: 5.789 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 137581

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	14.3	10.2	15.4

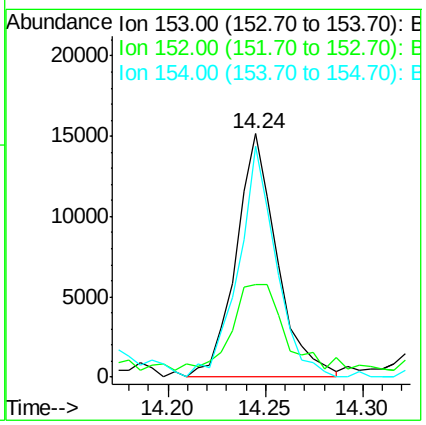


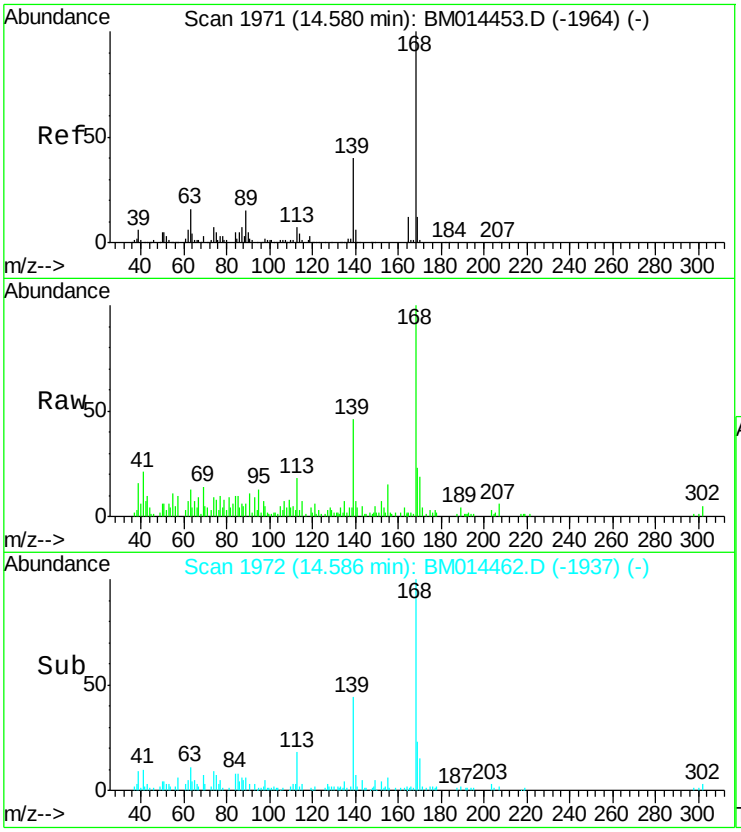


#49
Acenaphthene
Concen: 1.313 ng/ul
RT: 14.24 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:153 Resp: 21969

Ion	Ratio	Lower	Upper
153	100		
152	38.0	37.6	56.4
154	95.0	70.4	105.6



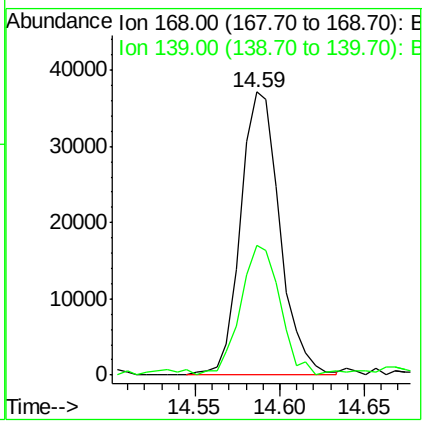


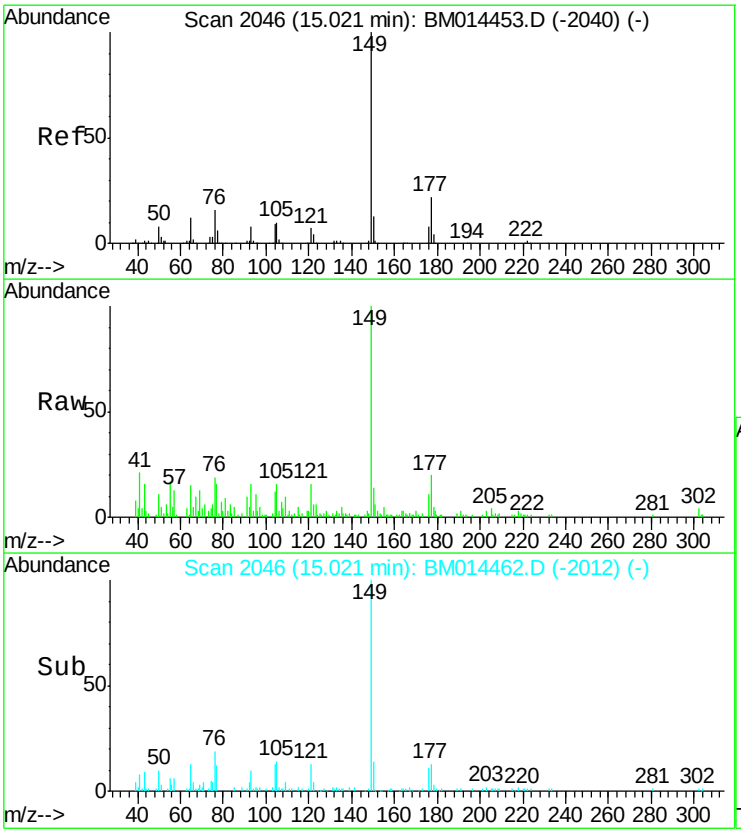
#53
Dibenzofuran
Concen: 2.393 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 60058

Ion	Ratio	Lower	Upper
168	100		
139	45.7	30.8	46.2

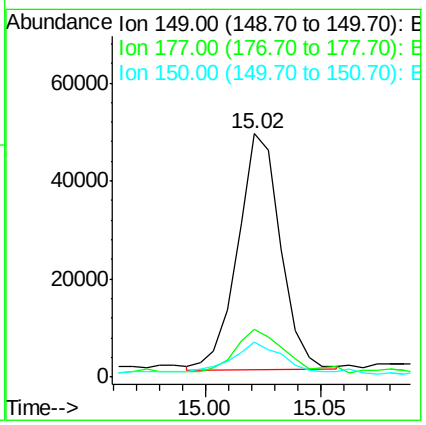


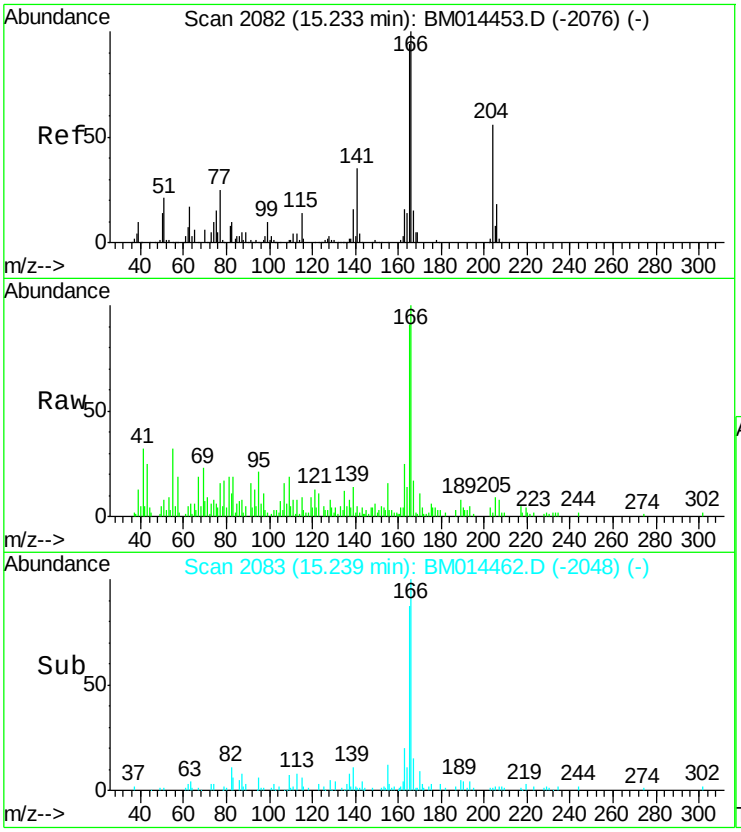


#56
Diethylphthalate
Concen: 2.780 ng/ul
RT: 15.02 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:149 Resp: 62293

Ion	Ratio	Lower	Upper
149	100		
177	19.8	20.5	30.7#
150	14.3	10.6	15.8



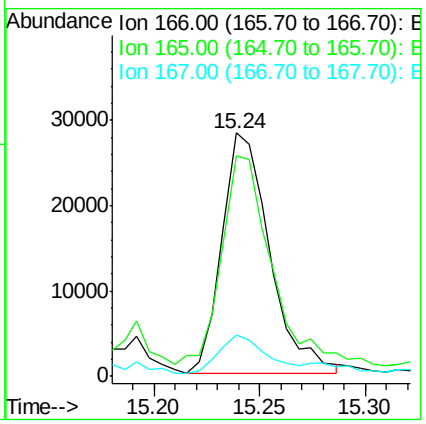


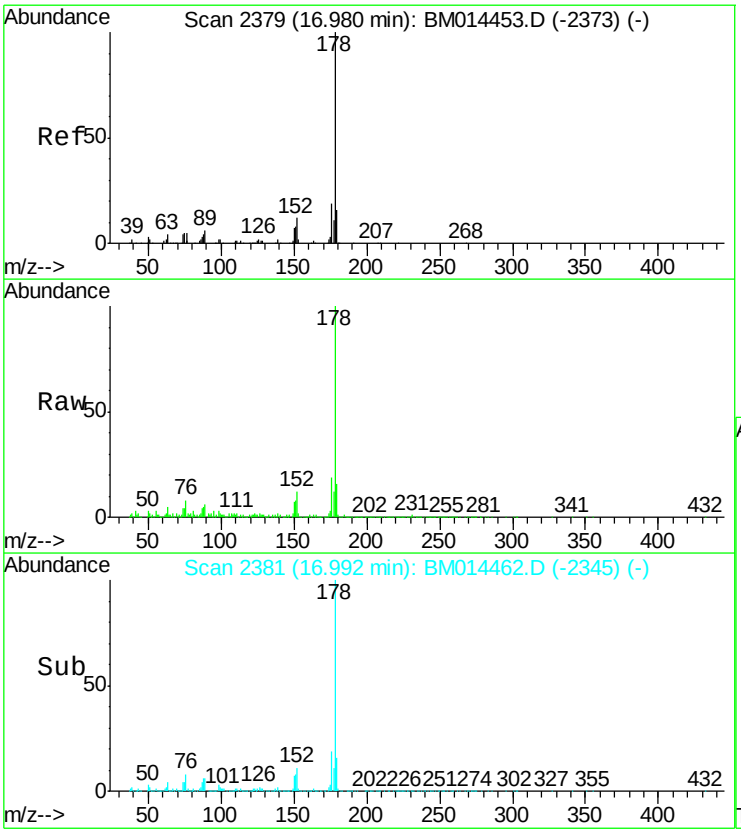
#58
Fluorene
Concen: 2.047 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 44334

Ion	Ratio	Lower	Upper
166	100		
165	90.8	77.9	116.9
167	17.2	10.6	16.0#

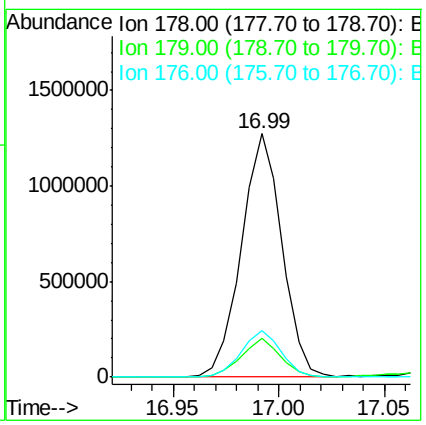


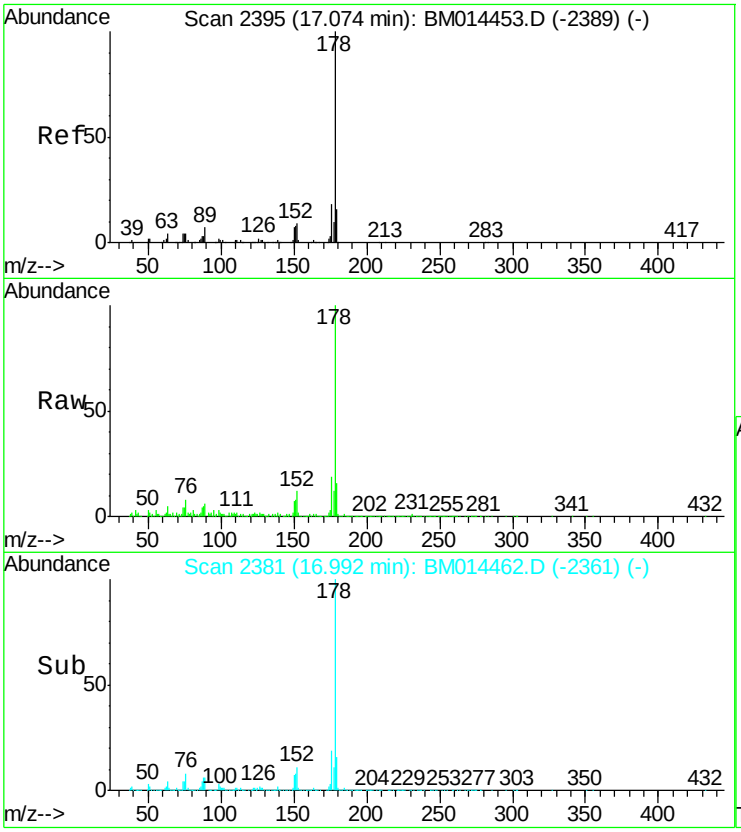


#69
Phenanthrene
Concen: 49.122 ng/ul
RT: 16.99 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:178 Resp: 1682389

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.2	14.9	22.3



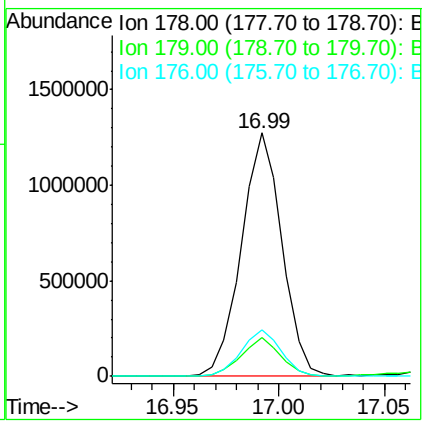


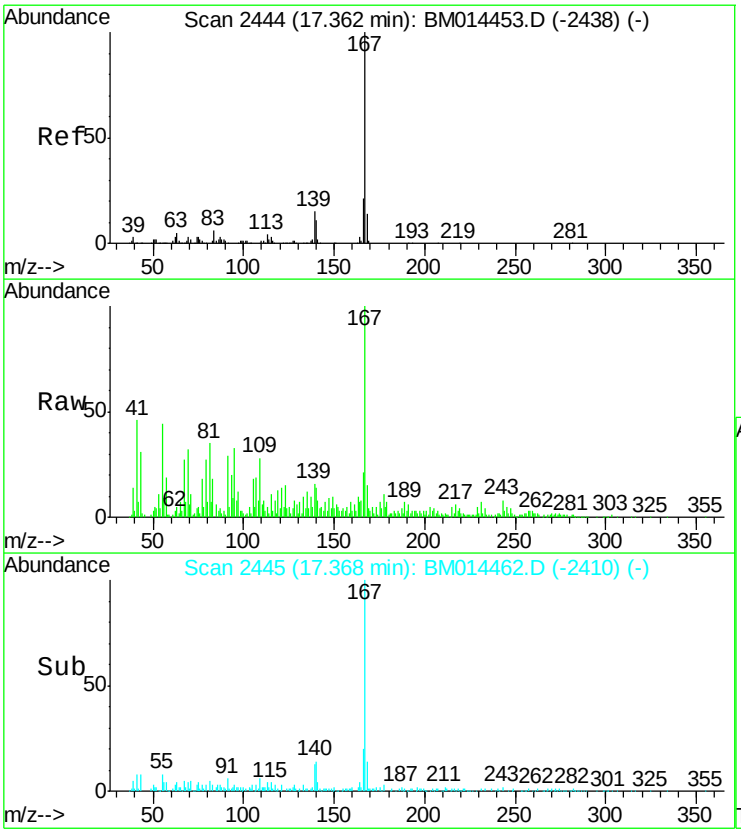
#71
Anthracene
Concen: 48.844 ng/ul
RT: 16.99 min Scan# 2381
Delta R.T. -0.08 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1682389

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	19.2	14.6	21.8

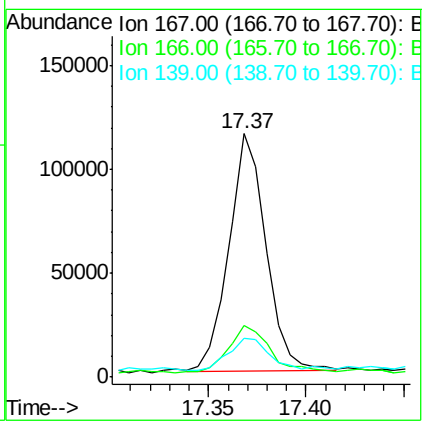


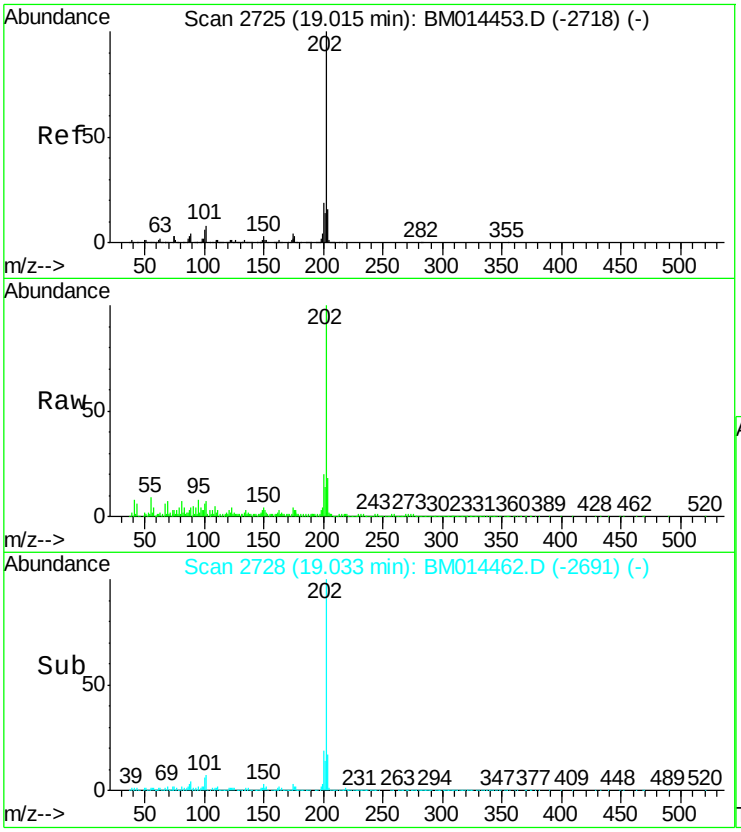


#72
Carbazole
Concen: 5.233 ng/ul
RT: 17.37 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:167 Resp: 151566

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	15.9	10.0	15.0#



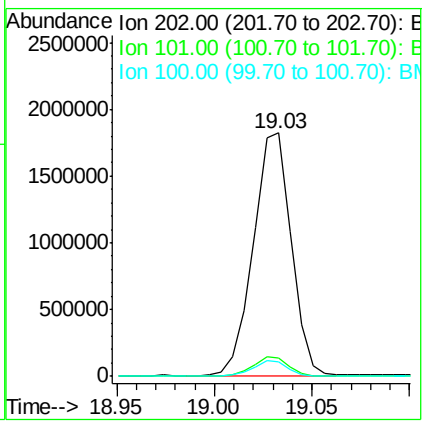


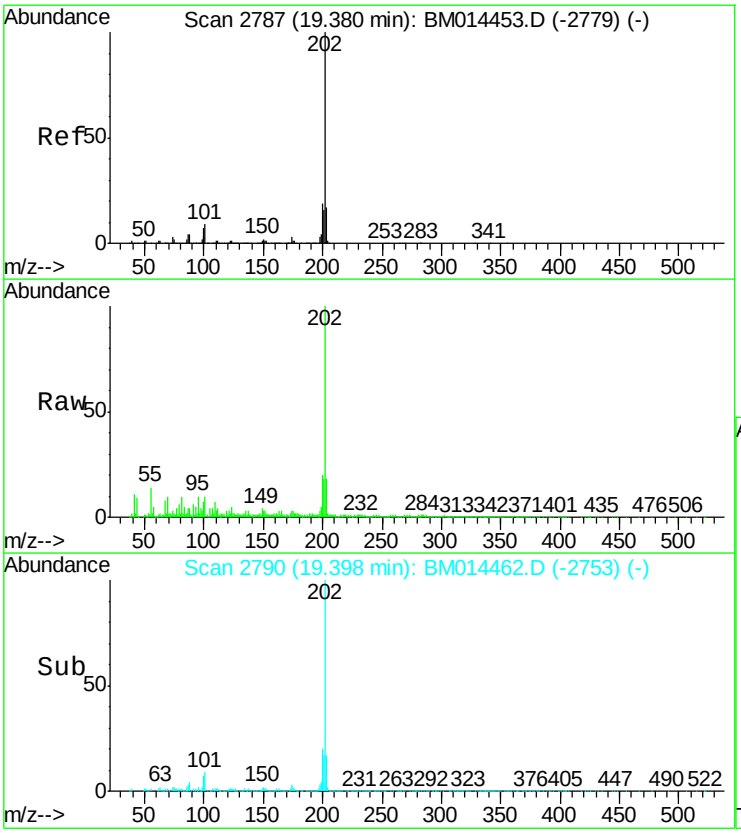
#74
Fluoranthene
Concen: 59.732 ng/ul
RT: 19.03 min Scan# 2728
Delta R.T. 0.02 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2444143

Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.6	7.0#
100	5.8	3.4	5.2#

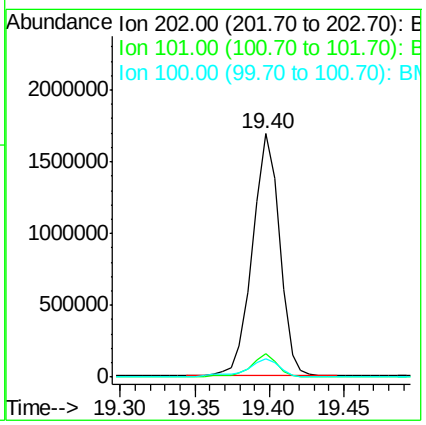


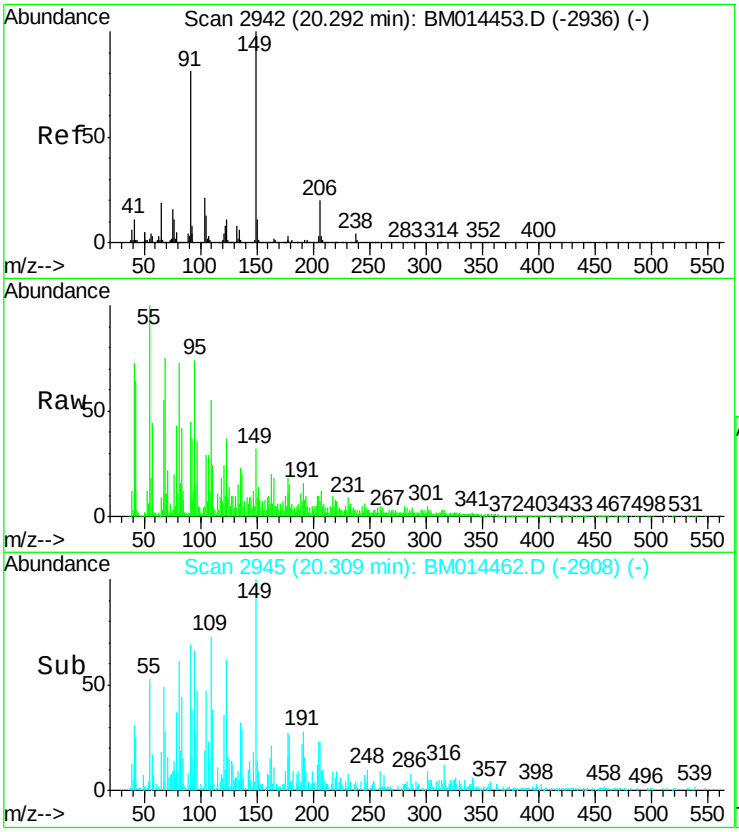


#77
Pyrene
Concen: 51.008 ng/ul
RT: 19.40 min Scan# 2790
Delta R.T. 0.02 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:202 Resp: 2104188

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.1	7.7#
100	7.5	4.9	7.3#



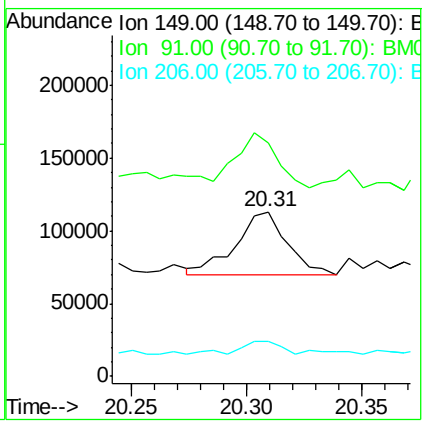


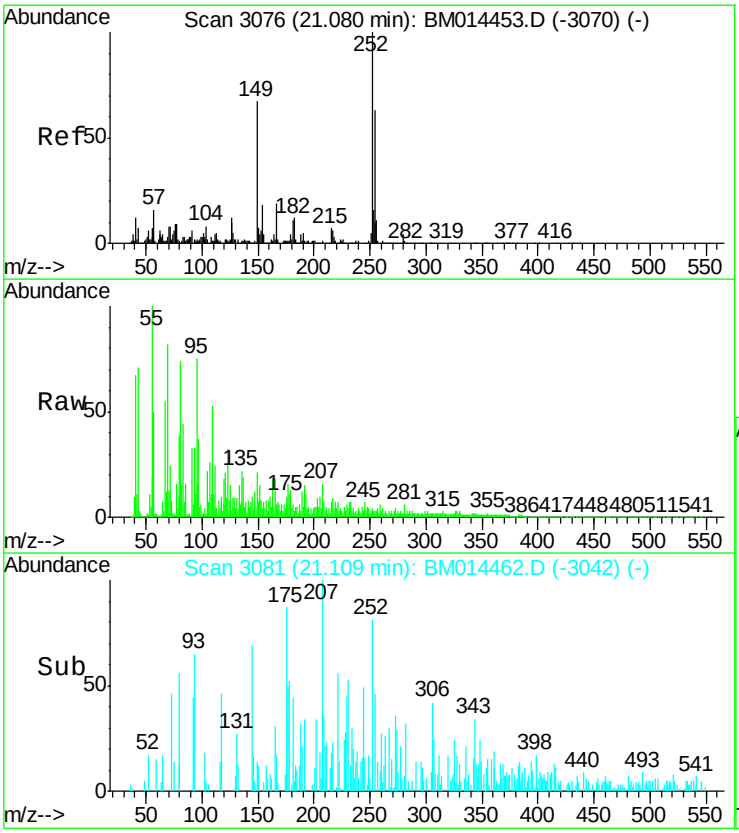
#78
Butylbenzylphthalate
Concen: 3.874 ng/ul
RT: 20.31 min Scan# 2945
Delta R.T. 0.02 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 66073

Ion	Ratio	Lower	Upper
149	100		
91	141.5	62.7	94.1#
206	21.3	20.8	31.2

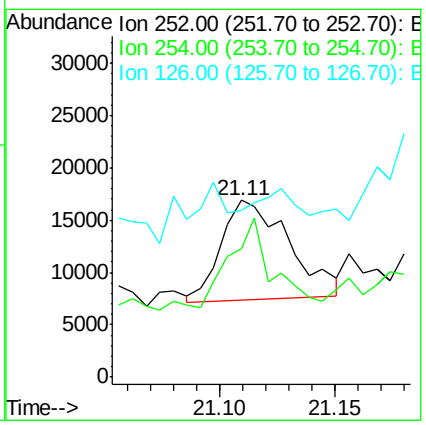


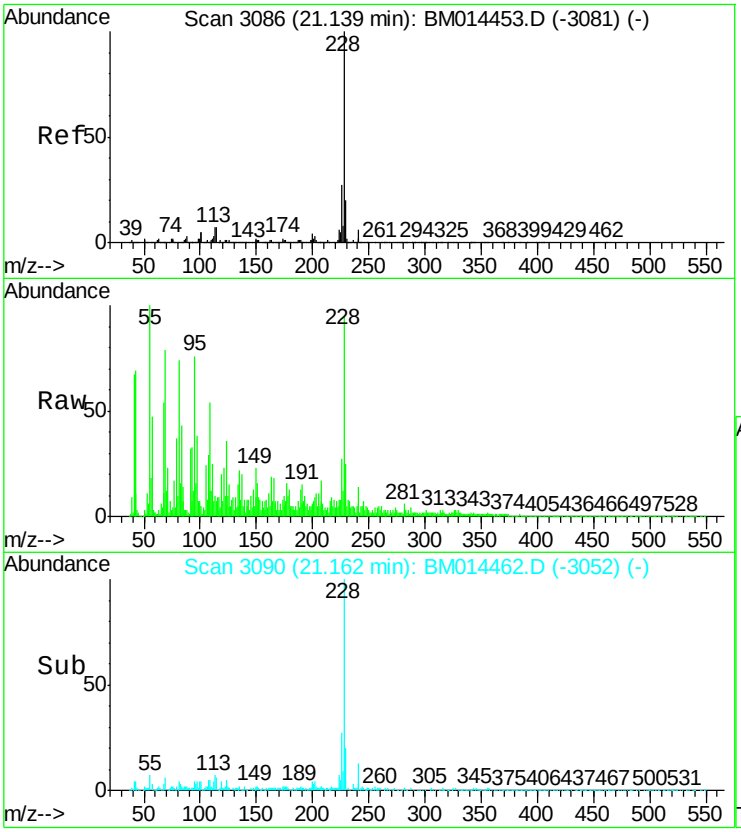


#79
3,3'-Dichlorobenzidine
Concen: 1.769 ng/ul
RT: 21.11 min Scan# 3081
Delta R.T. 0.03 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:252 Resp: 19309

Ion	Ratio	Lower	Upper
252	100		
254	73.0	54.5	81.7
126	94.5	5.8	8.8#



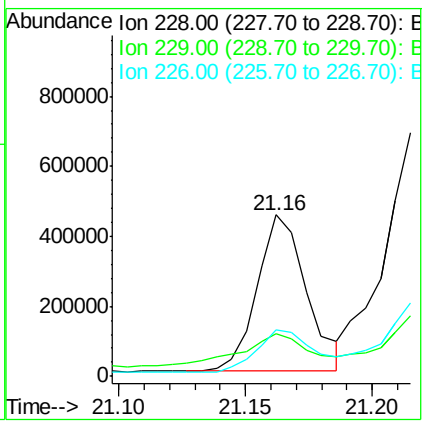


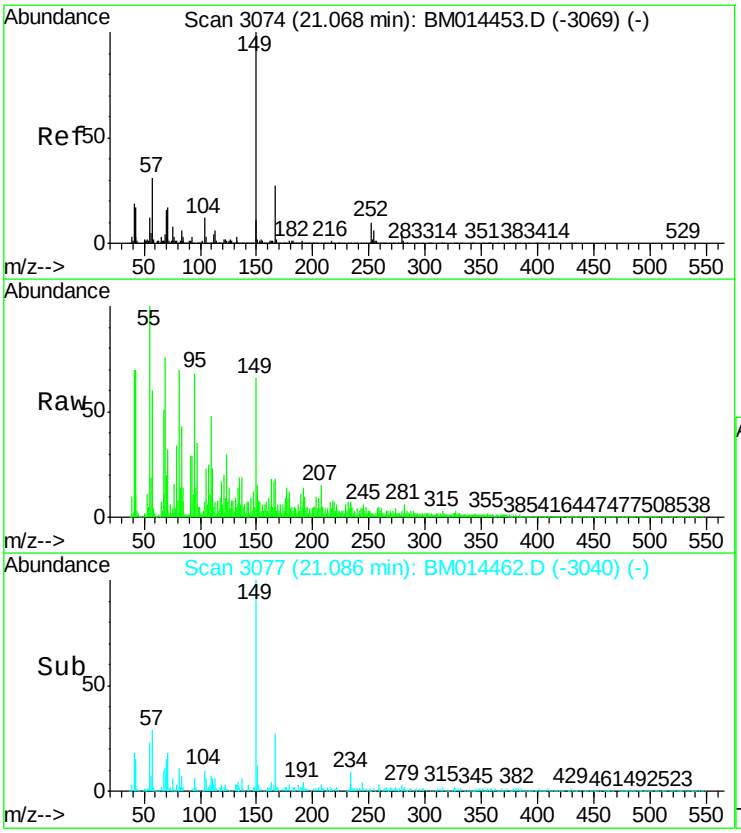
#80
Benzo(a)anthracene
Concen: 15.514 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. 0.02 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 601027

Ion	Ratio	Lower	Upper
228	100		
229	26.8	15.4	23.0#
226	28.7	21.4	32.0

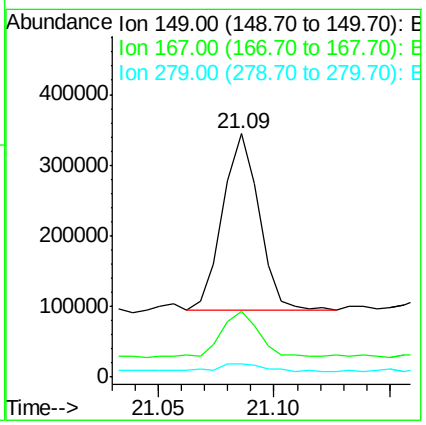


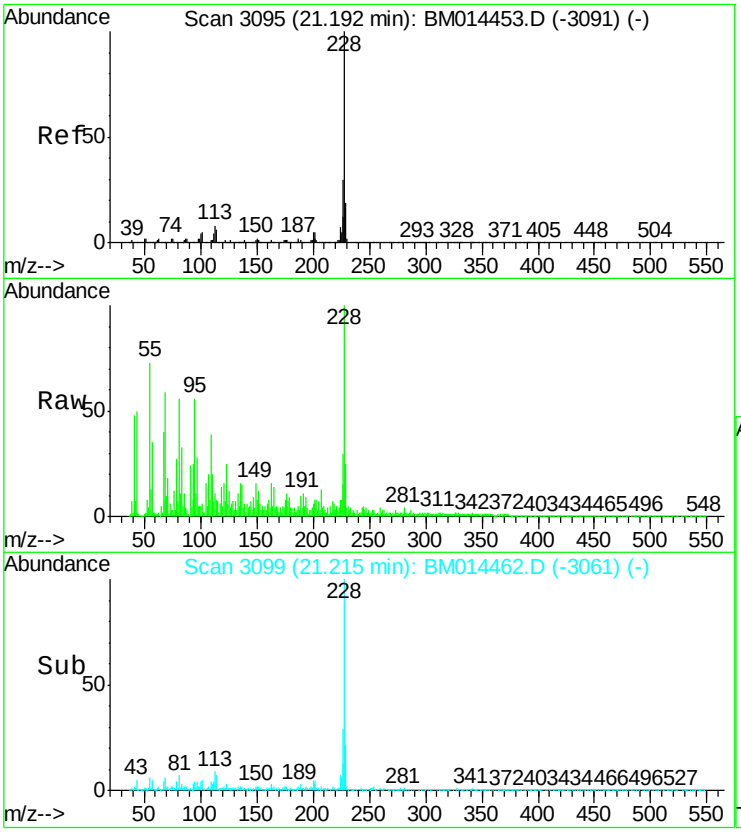


#81
Bis(2-ethylhexyl)phthalate
Concen: 11.367 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.02 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:149 Resp: 277680

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.8	34.2
279	5.2	4.9	7.3



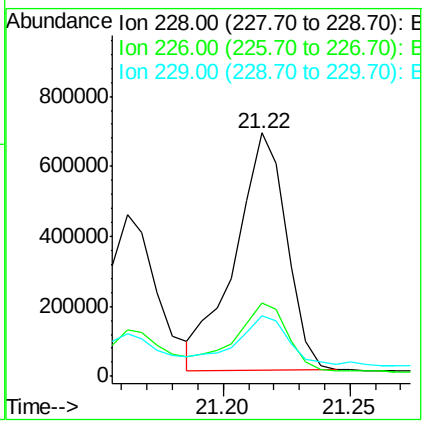


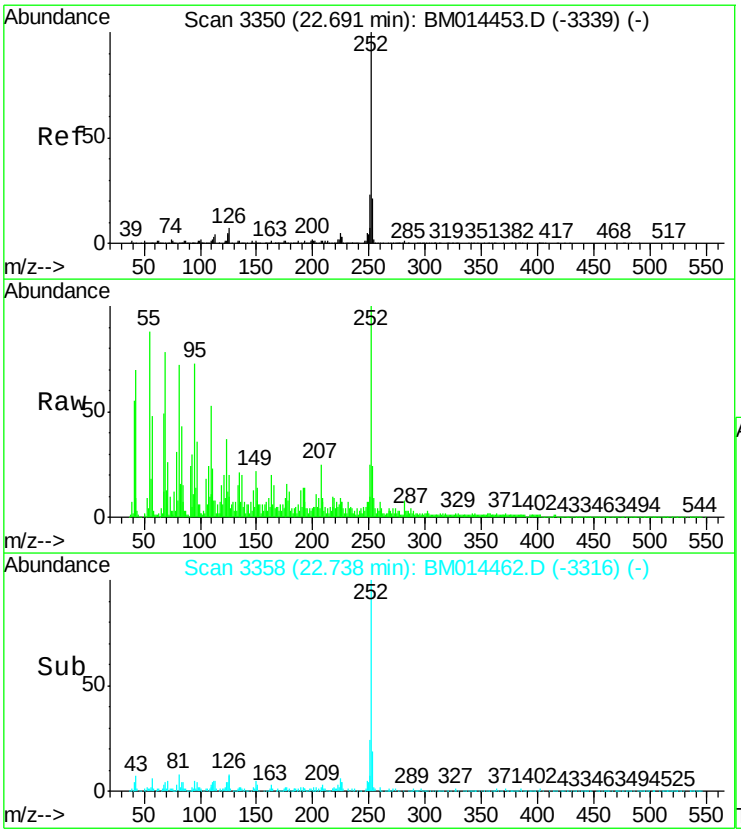
#82
Chrysene
Concen: 26.703 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.02 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 965034

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	24.7	15.5	23.3#

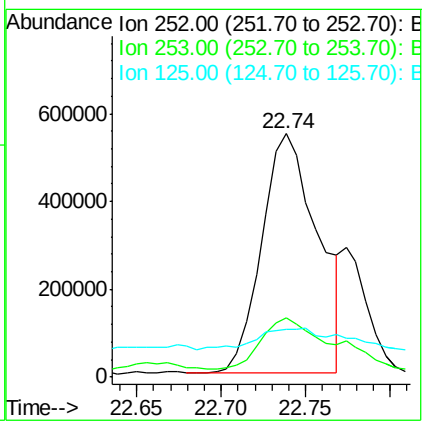


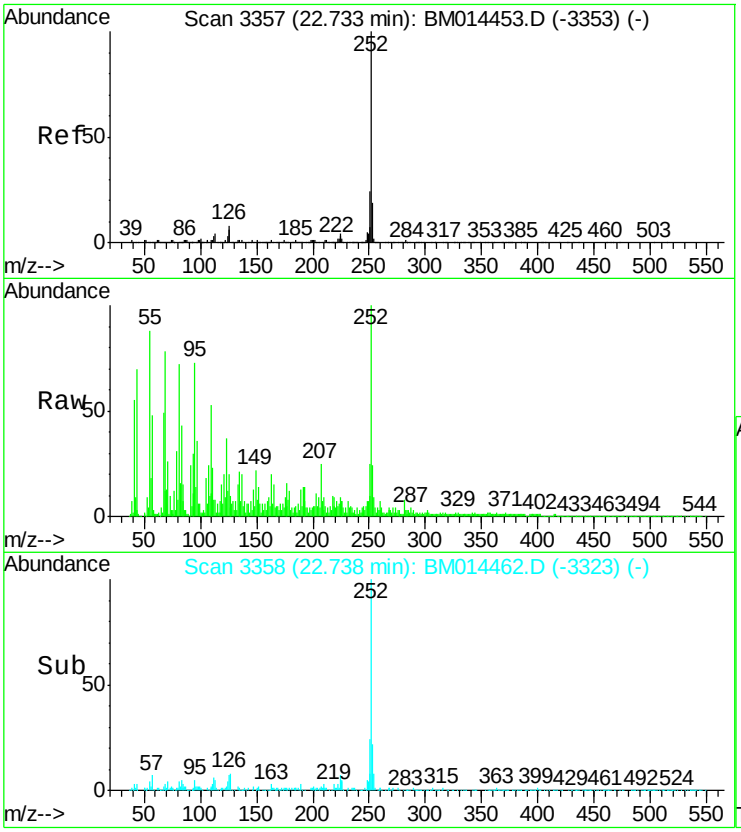


#85
Benzo(b)fluoranthene
Concen: 23.576 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. 0.05 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:252 Resp: 1260822

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	19.6	3.6	5.4#



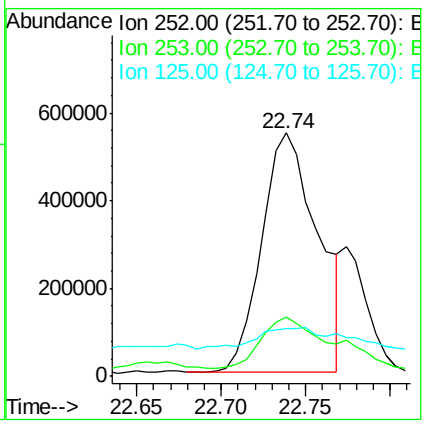


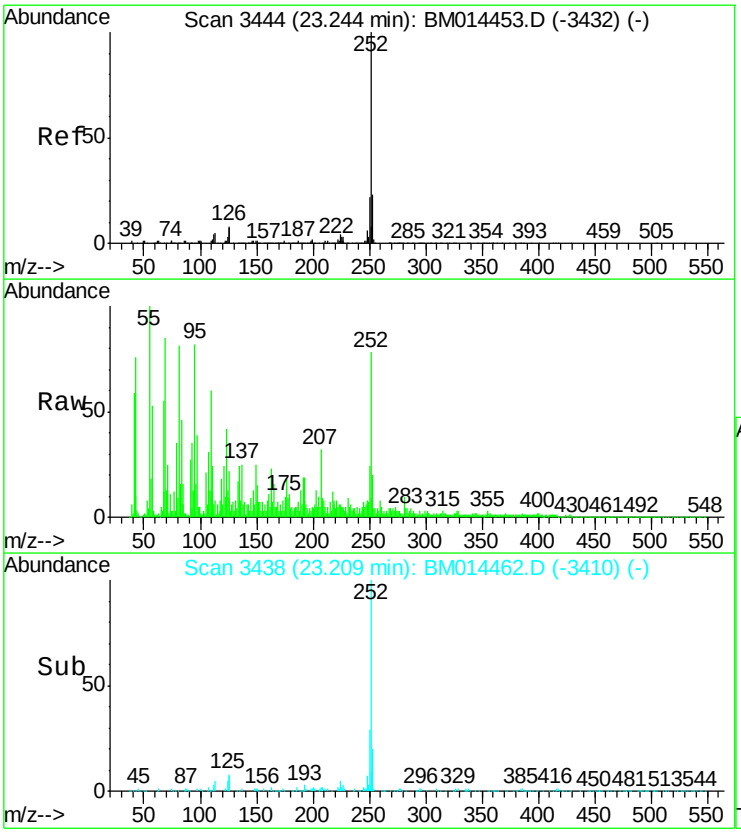
#86
Benzo(k)fluoranthene
Concen: 24.797 ng/ul
RT: 22.74 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1260822

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.1	25.7
125	19.6	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 13.145 ng/ul
RT: 23.21 min Scan# 3438
Delta R.T. -0.04 min
Lab File: BM014462.D
Acq: 02 Mar 2018 15:19

Tgt Ion:252 Resp: 628204

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.2	27.2
125	28.1	4.0	6.0#