Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B34DL2

Quant Time: Jan 30 07:52:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	74125	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	319377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	202349	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	503234	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	651224	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	622233	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.79	99	664	0.12	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.93	67	1867	0.54	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	2150	0.46	ng/ul	0.02
13) 4-Methylphenol-d8	8.32	113	1130	0.26	ng/ul	0.04
19) Nitrobenzene-d5	8.75	128	1073	0.43	ng/ul	0.02
22) 2-Nitrophenol-d4	9.45	143	460	0.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	1628	0.32	ng/ul	0.06
29) 4-Chloroaniline-d4	10.52	131	458	0.10	ng/ul	0.02
43) Dimethylphthalate-d6	13.65	166	16046	0.96	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	19109	0.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	167	0.06	ng/ul	0.14
57) Fluorene-d10	15.22	176	16130	1.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	327	0.11	ng/ul	0.04
70) Anthracene-d10	17.08	188	27737	1.13	ng/ul	0.00
76) Pyrene-d10	19.38	212	32149	1.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	29364	1.03	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.39	128	953986	60.041	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	455808	38.477	ng/ul	94
40) 1,1'-Biphenyl	13.05	154	109780	6.518	ng/ul	90
49) Acenaphthene	14.29	153	300612	22.307	ng/ul	96
53) Dibenzofuran	14.62	168	431042	21.261	ng/ul	95
58) Fluorene	15.28	166	247889	14.927	ng/ul	97
60) 4-Nitroaniline	15.28	138	3090	1.057	ng/ul#	9
68) Pentachlorophenol	16.64	266	13182	3.877	ng/ul	91
69) Phenanthrene	17.02	178	1825220	65.250	ng/ul	98
71) Anthracene	17.11	178	208377	7.222	ng/ul	98
72) Carbazole	17.40	167	34624	1.454	ng/ul	93
74) Fluoranthene	19.04	202	1134086	33.964	ng/ul#	95
77) Pyrene	19.41	202	733250	18.521	ng/ul	99
80) Benzo(a)anthracene	21.22	228	121666	3.092	ng/ul	95
82) Chrysene	21.22	228	121666	3.370	ng/ul	98
88) Benzo(a)pyrene	23.27	252	36746	1.018	ng/ul#	96

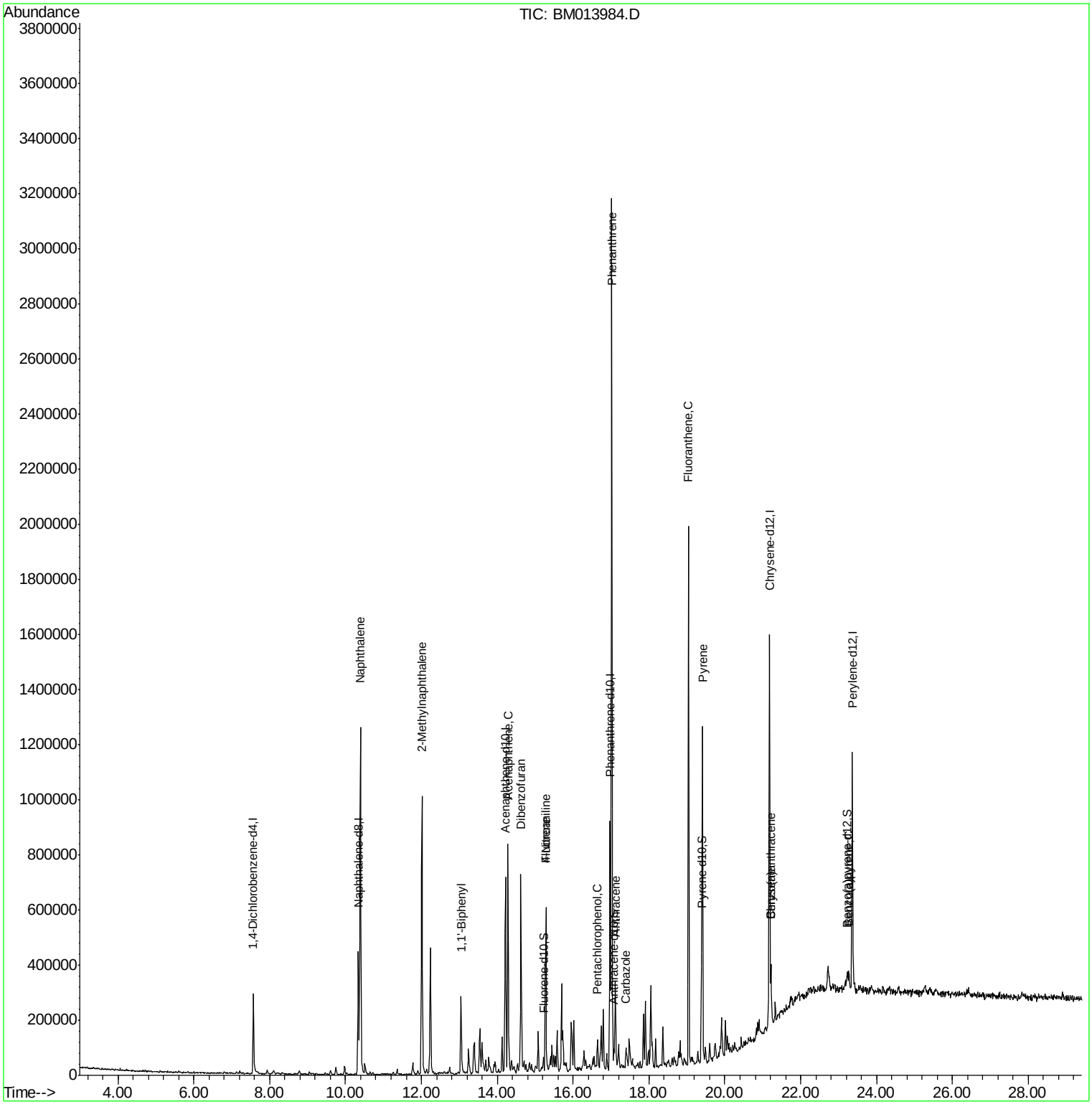
(#) = qualifier out of range (m) = manual integration (+) = signals summed

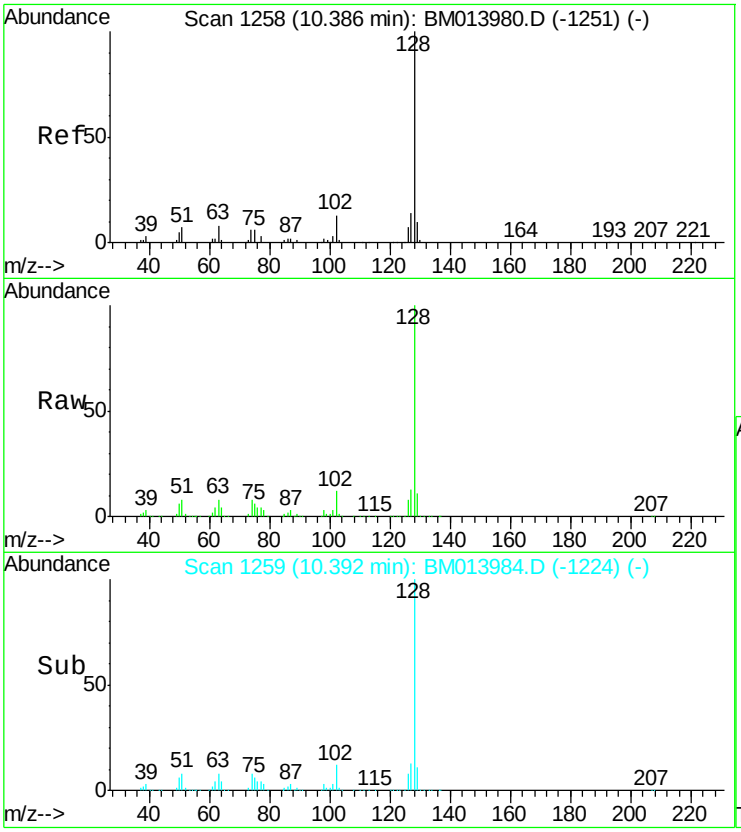
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013984.D
Acq On : 30 Jan 2018 06:52
Operator : SJ/JU
Sample : J1243-11DL 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Quant Time: Jan 30 07:52:23 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration



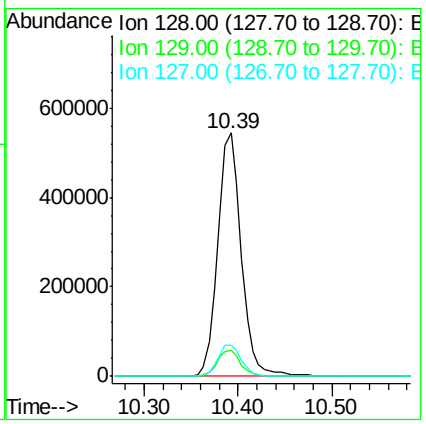


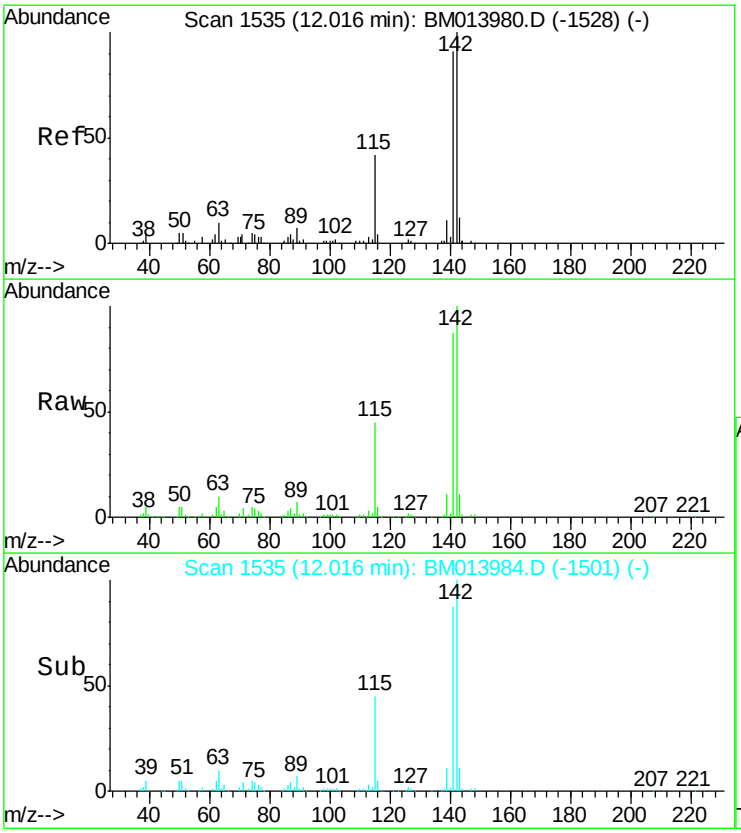
#28
Naphthalene
Concen: 60.041 ng/ul
RT: 10.39 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Tgt Ion:128 Resp: 953986

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.6	16.0

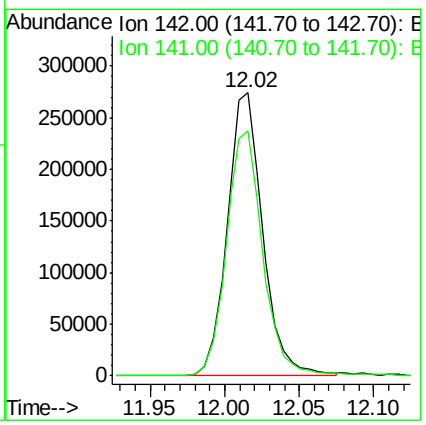


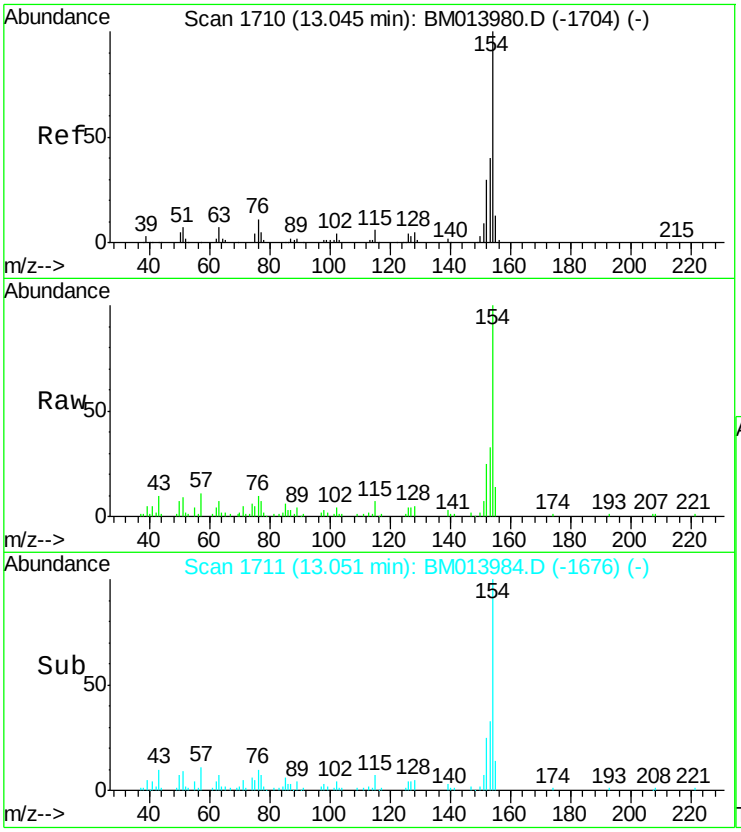


#34
2-Methylnaphthalene
Concen: 38.477 ng/ul
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Tgt Ion:142 Resp: 455808

Ion	Ratio	Lower	Upper
142	100		
141	86.7	74.1	111.1



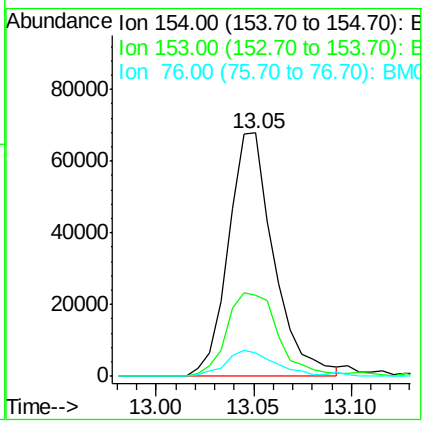


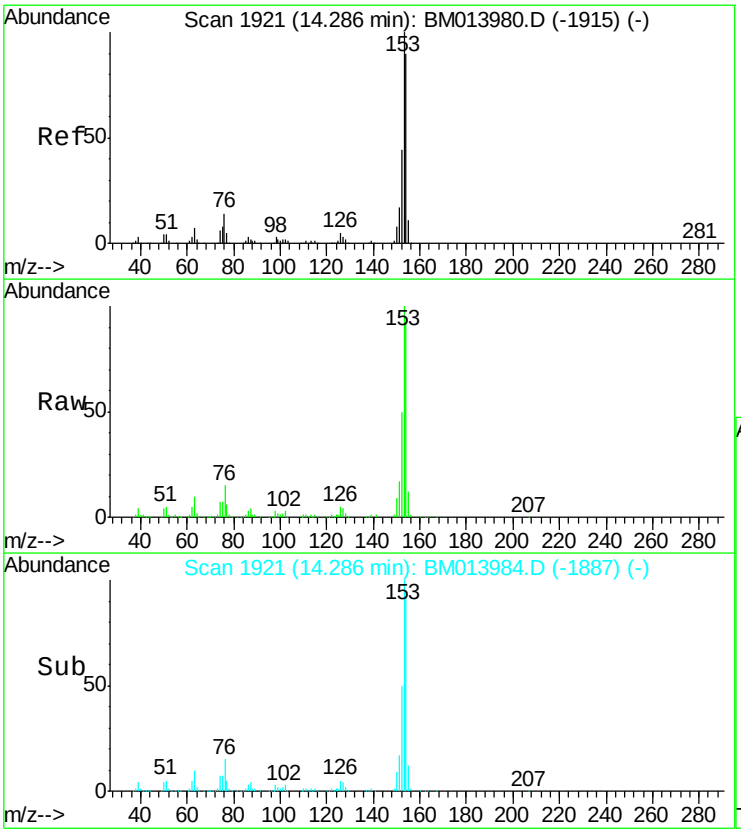
#40
1,1'-Biphenyl
Concen: 6.518 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. 0.01 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Tgt Ion:154 Resp: 109780

Ion	Ratio	Lower	Upper
154	100		
153	33.4	32.6	48.8
76	9.7	8.5	12.7

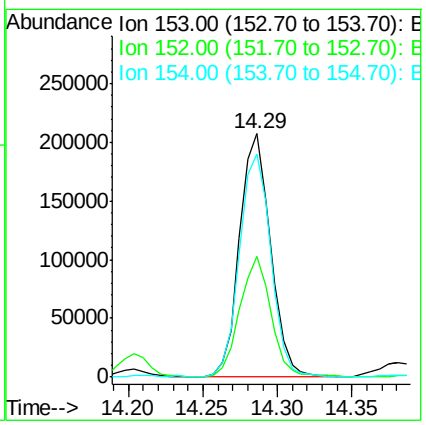


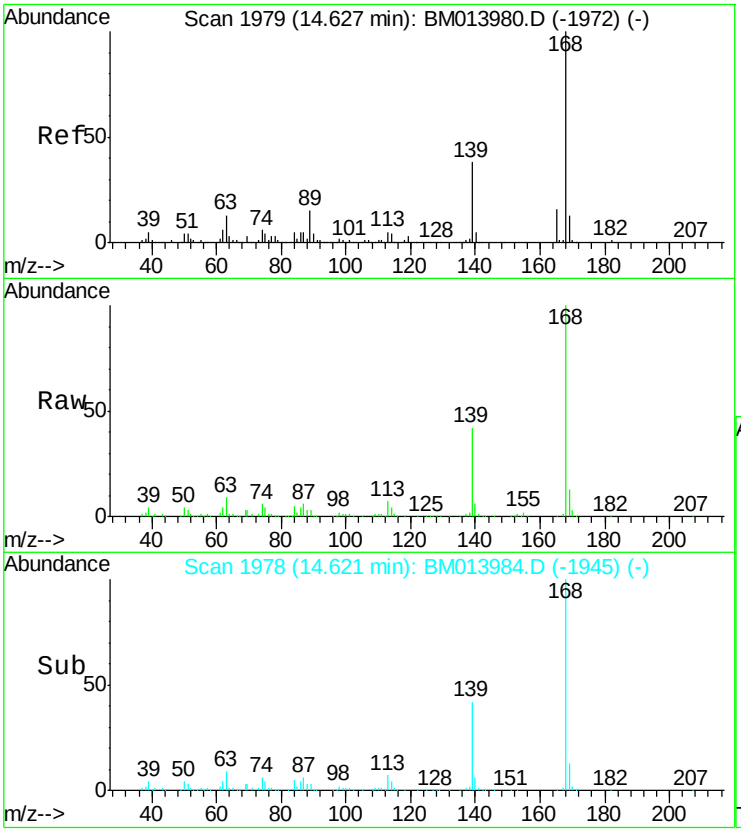


#49
Acenaphthene
Concen: 22.307 ng/ul
RT: 14.29 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Tgt Ion:153 Resp: 300612

Ion	Ratio	Lower	Upper
153	100		
152	49.7	37.6	56.4
154	91.7	70.4	105.6



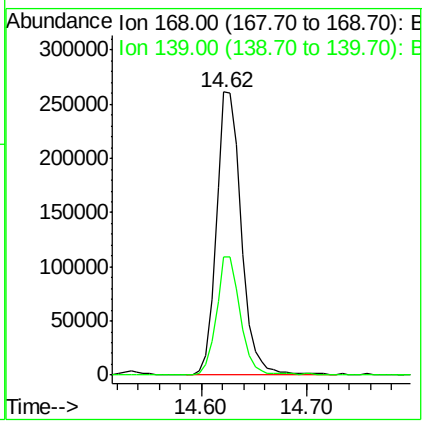


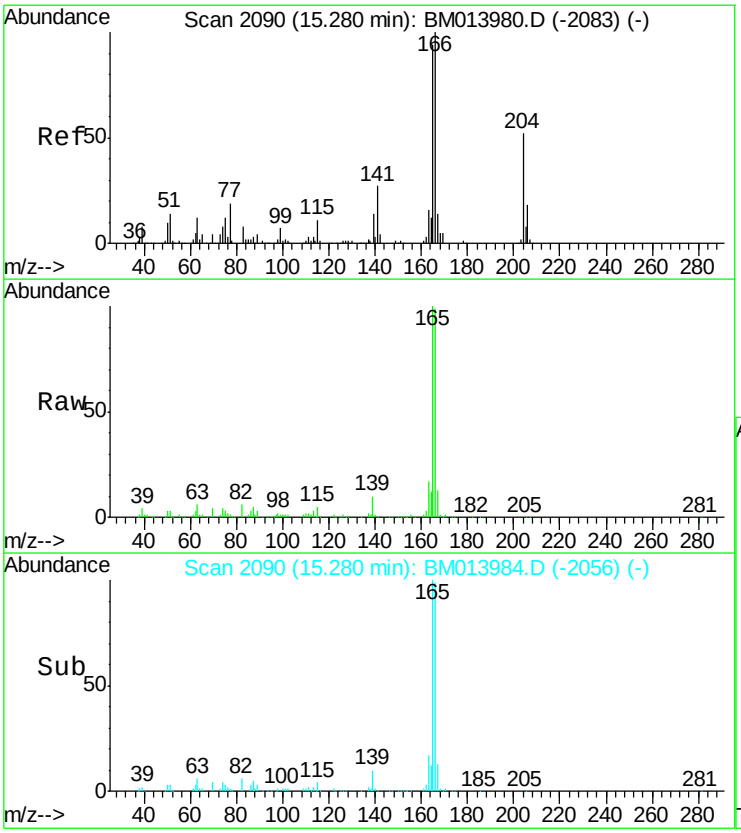
#53
Dibenzofuran
Concen: 21.261 ng/ul
RT: 14.62 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Tgt Ion:168 Resp: 431042

Ion	Ratio	Lower	Upper
168	100		
139	41.8	30.8	46.2

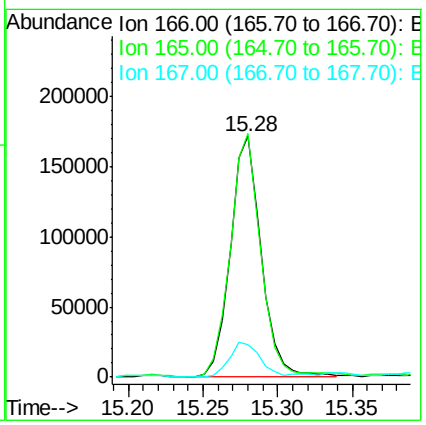


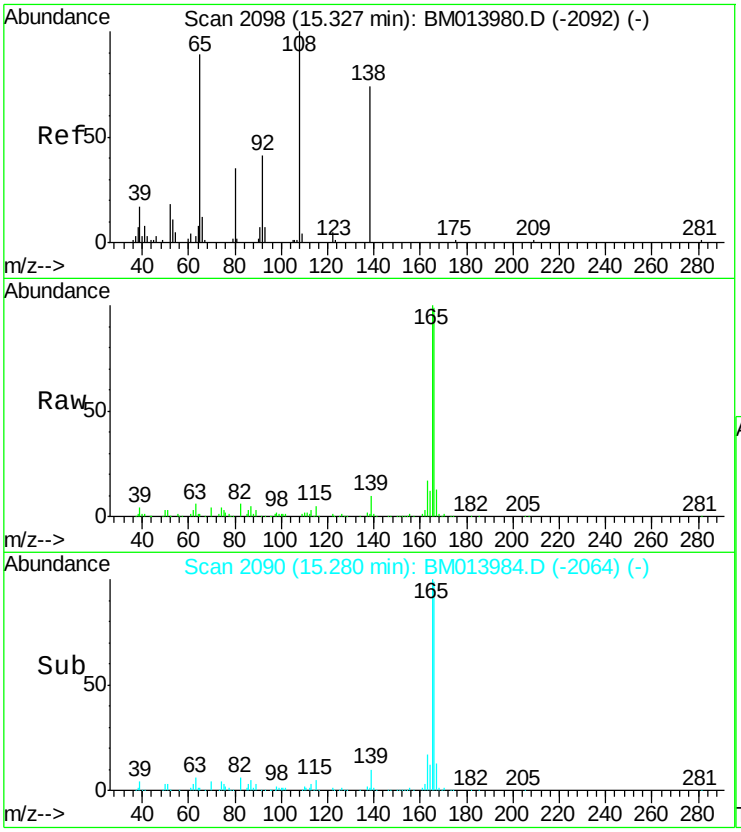


#58
Fluorene
Concen: 14.927 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Tgt Ion:166 Resp: 247889

Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.9	116.9
167	13.6	10.6	16.0



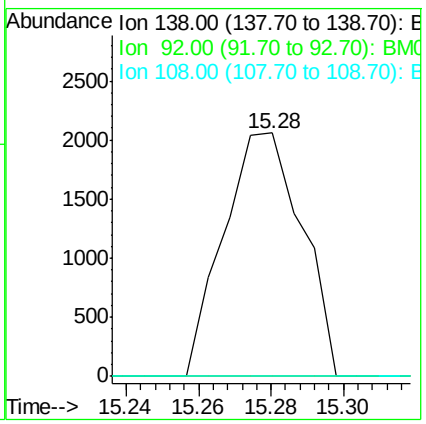


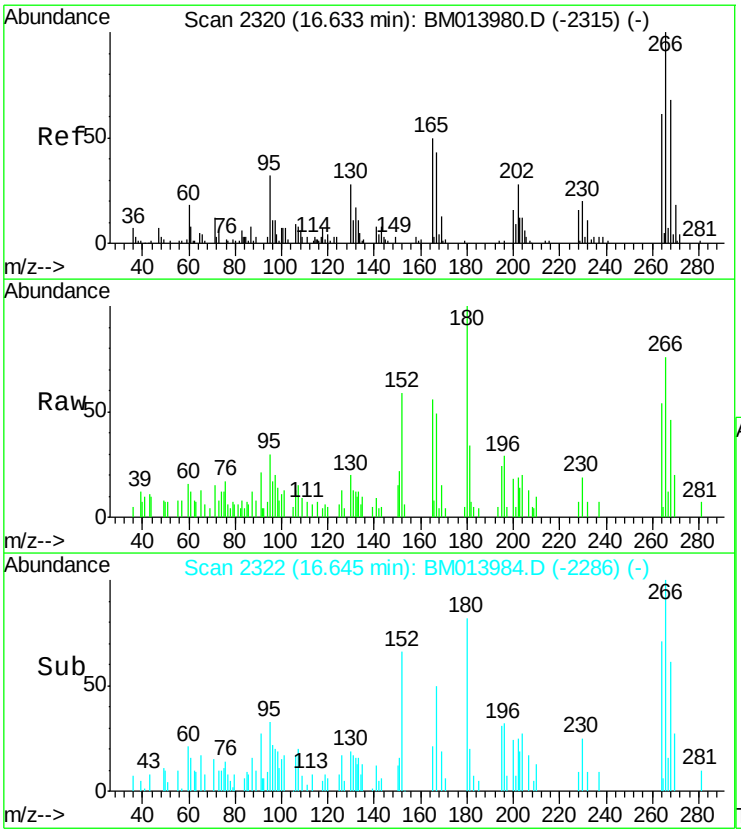
#60
4-Nitroaniline
Concen: 1.057 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.05 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Tgt Ion:138 Resp: 3090

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.0	60.0#
108	0.0	80.0	120.0#

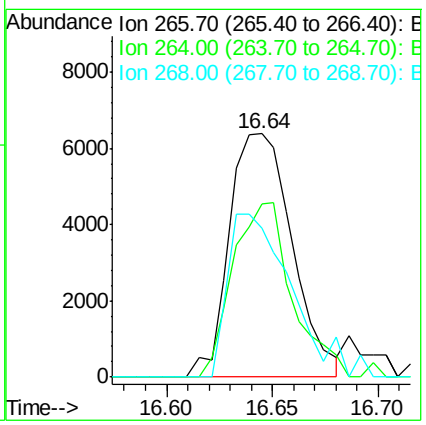


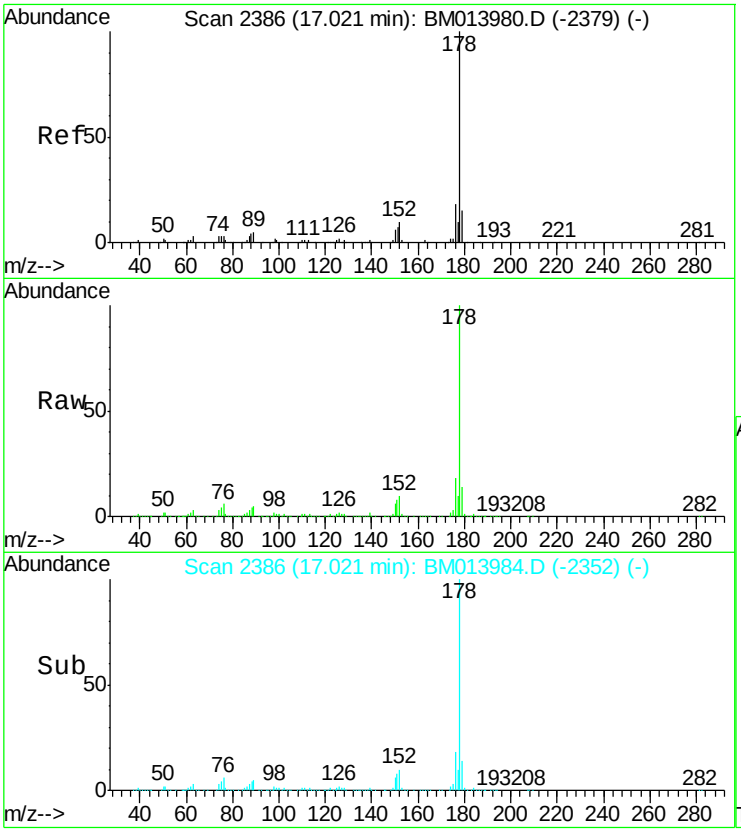


#68
Pentachlorophenol
Concen: 3.877 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Tgt Ion:266 Resp: 13182

Ion	Ratio	Lower	Upper
266	100		
264	71.3	49.3	73.9
268	61.2	52.6	78.8



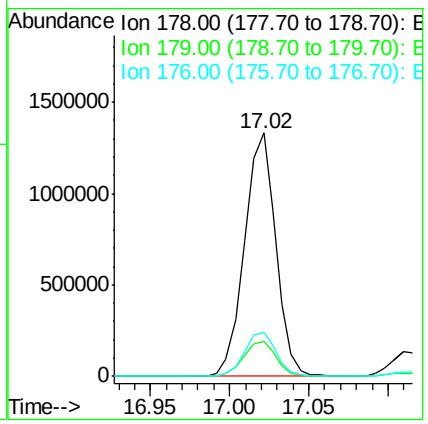


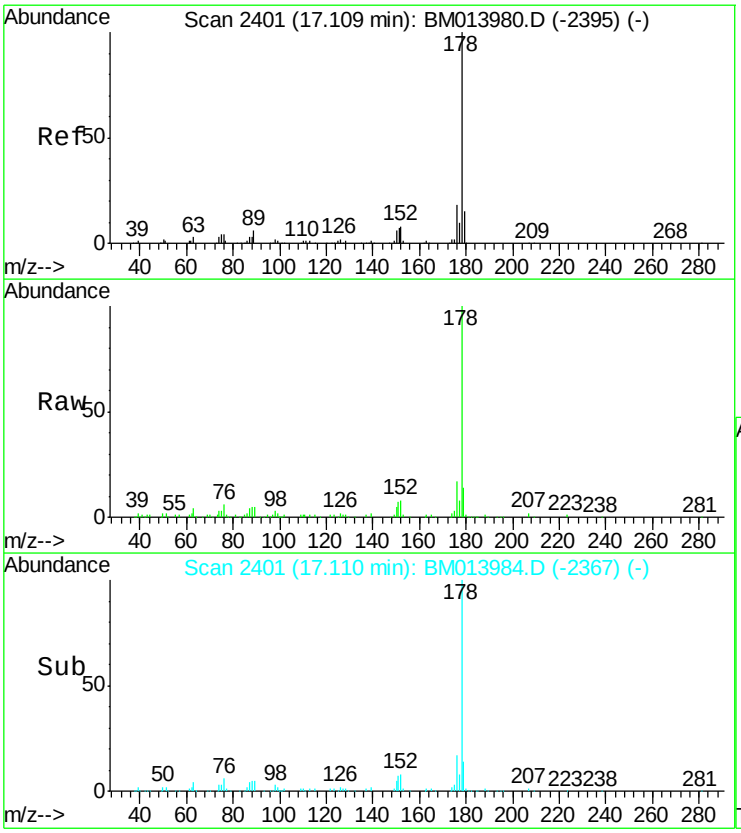
#69
Phenanthrene
Concen: 65.250 ng/ul
RT: 17.02 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Tgt Ion:178 Resp: 1825220

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.6	19.0
176	18.2	14.9	22.3

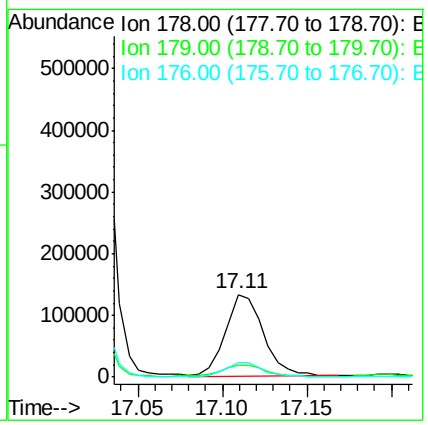


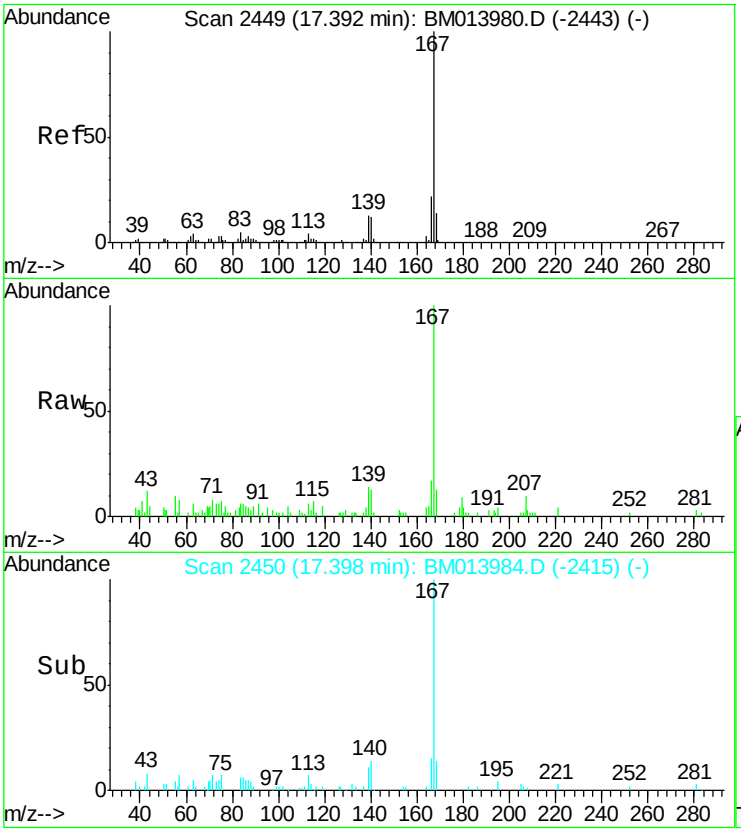


#71
Anthracene
Concen: 7.222 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Tgt Ion:178 Resp: 208377

Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.7	17.5
176	17.3	14.6	21.8



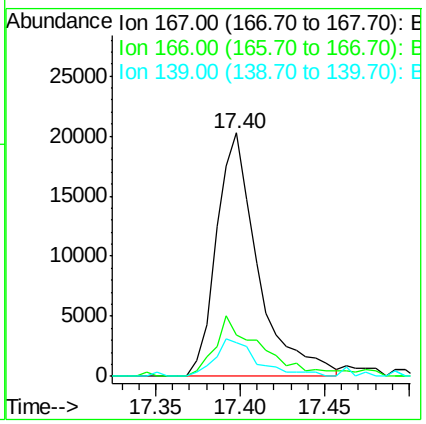


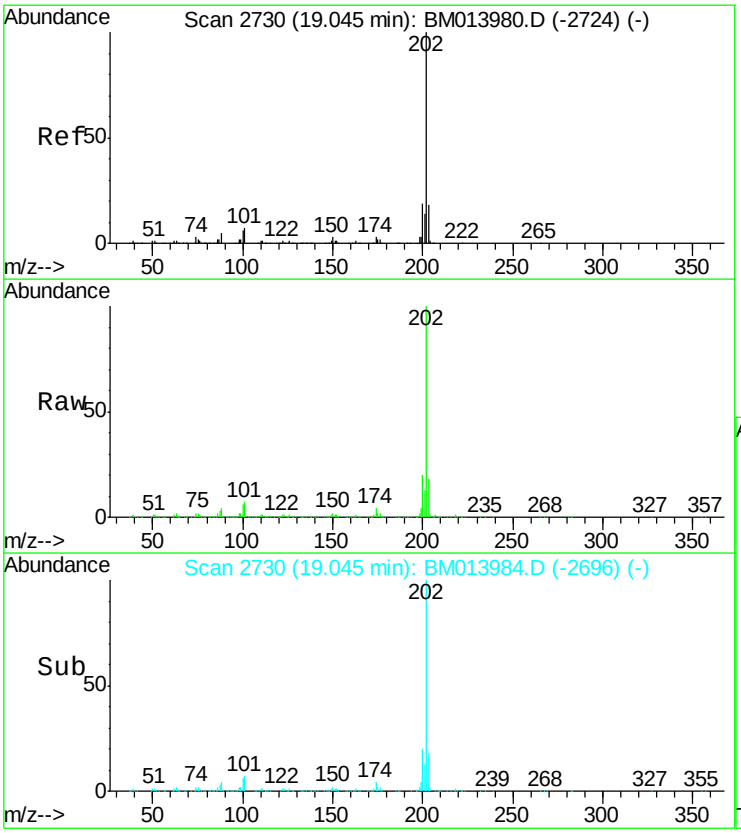
#72
Carbazole
Concen: 1.454 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. 0.01 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Tgt Ion:167 Resp: 34624

Ion	Ratio	Lower	Upper
167	100		
166	17.2	17.1	25.7
139	14.1	10.0	15.0

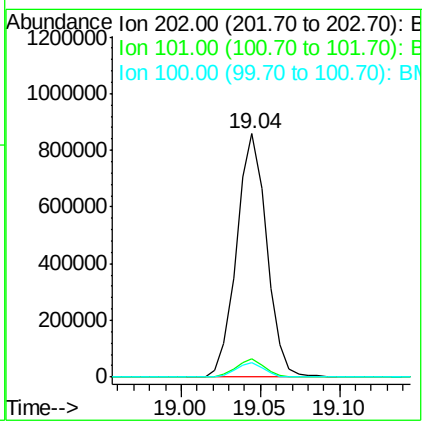


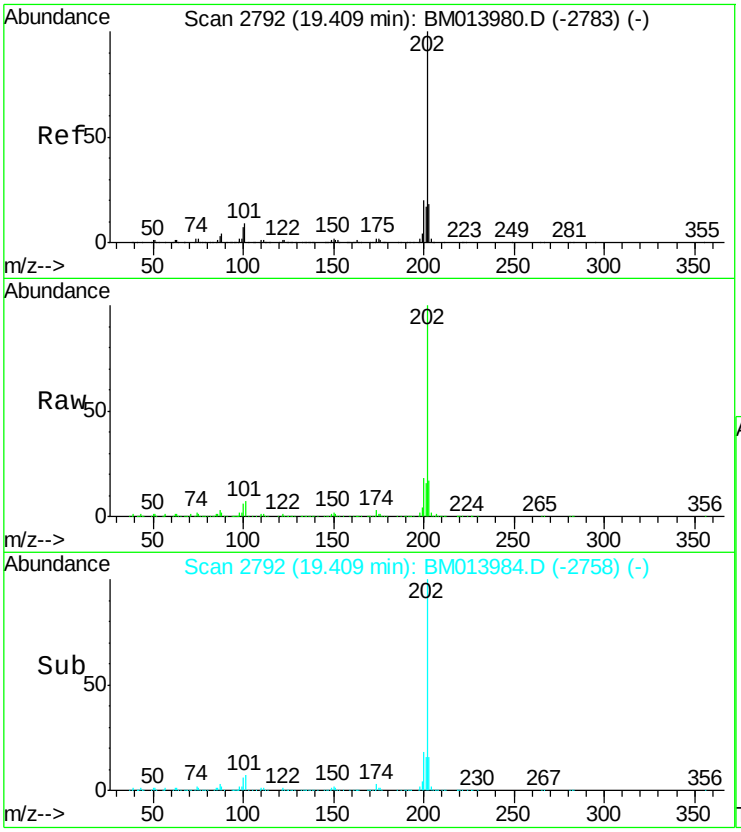


#74
Fluoranthene
Concen: 33.964 ng/ul
RT: 19.04 min Scan# 2730
Delta R.T. 0.00 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Tgt Ion:202 Resp: 1134086

Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.6	7.0#
100	5.9	3.4	5.2#



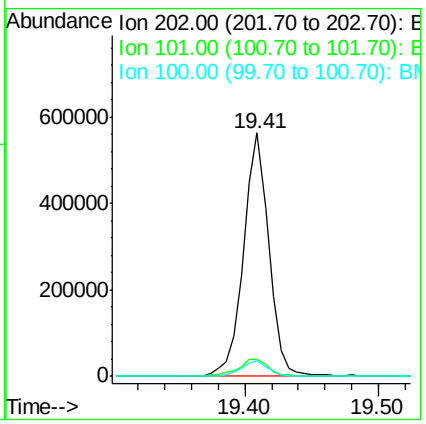


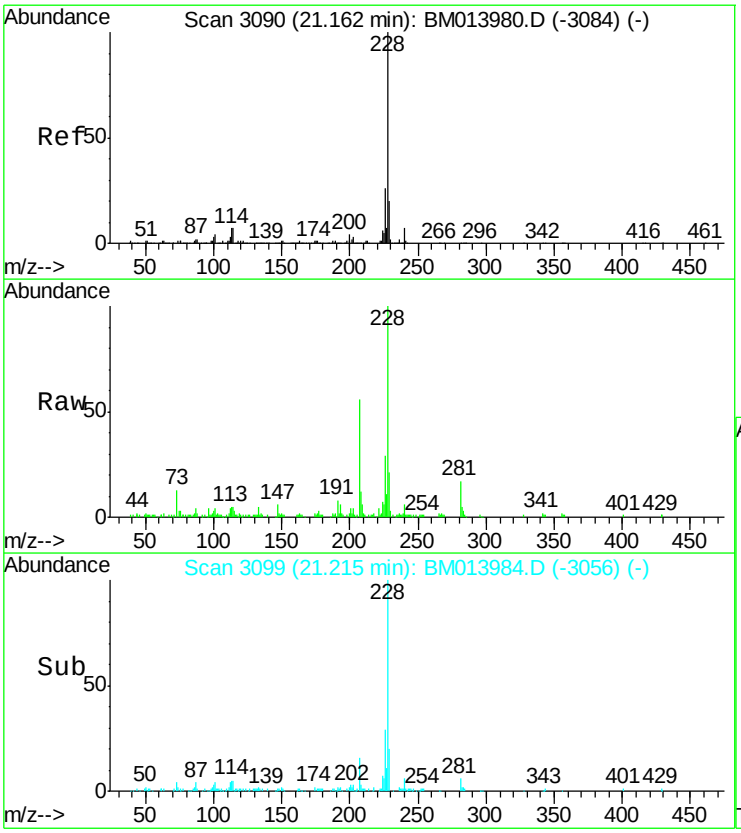
#77
Pyrene
Concen: 18.521 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Tgt Ion:202 Resp: 733250

Ion	Ratio	Lower	Upper
202	100		
101	7.1	5.1	7.7
100	6.4	4.9	7.3

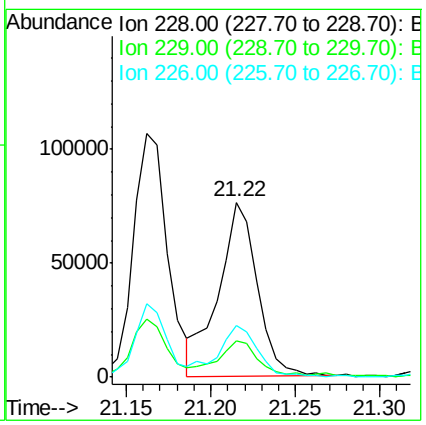


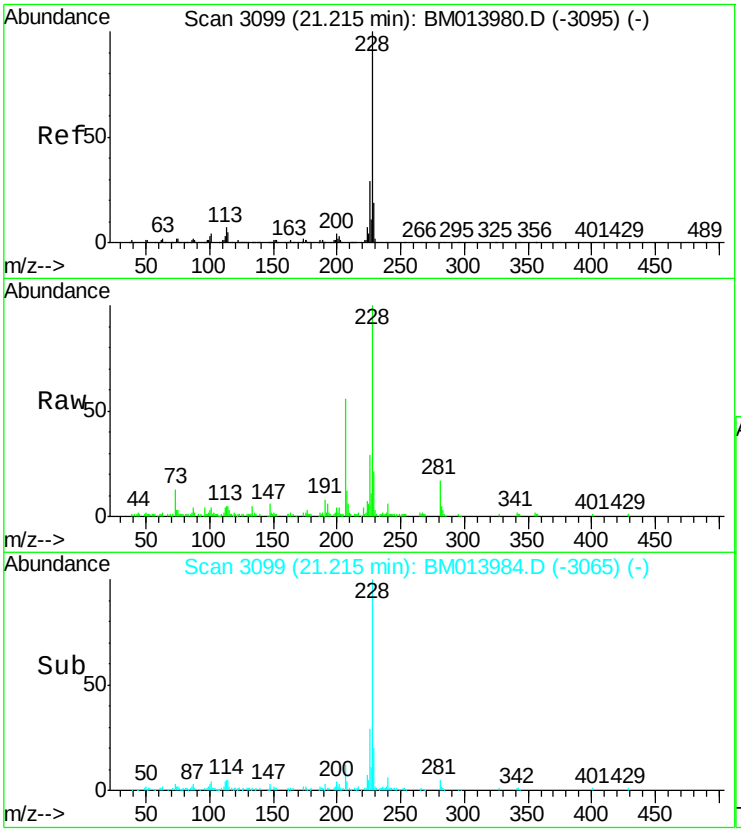


#80
Benzo(a)anthracene
Concen: 3.092 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.05 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Tgt Ion:228 Resp: 121666

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	29.5	21.4	32.0



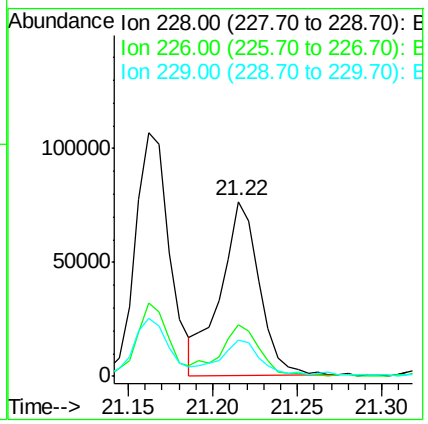


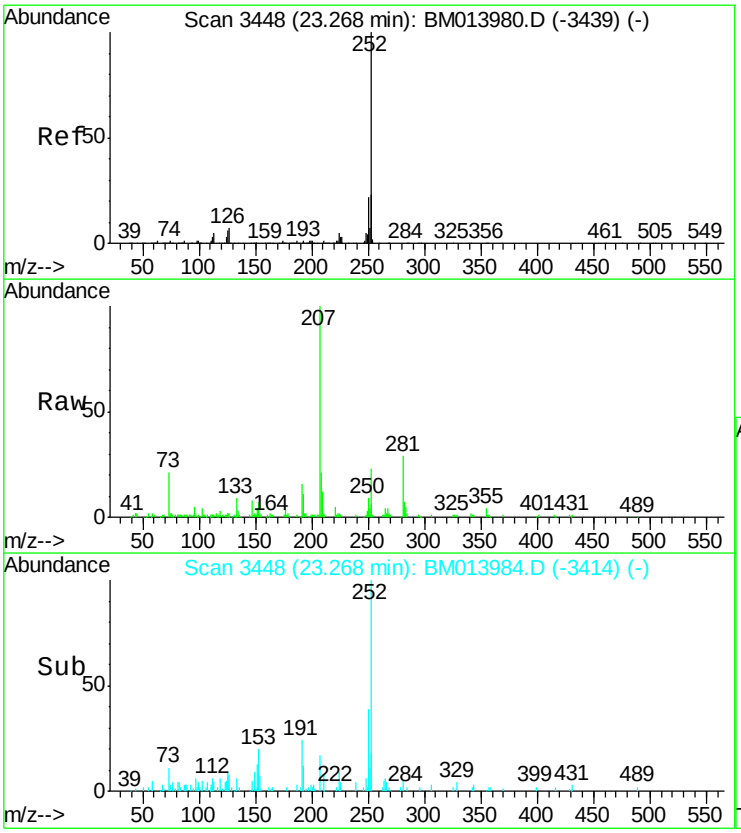
#82
Chrysene
Concen: 3.370 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Instrument :
BNA_M
ClientSampleId :
F6B34DL2

Tgt Ion:228 Resp: 121666

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.1	15.5	23.3





#88
Benzo(a)pyrene
Concen: 1.018 ng/ul
RT: 23.27 min Scan# 3448
Delta R.T. 0.00 min
Lab File: BM013984.D
Acq: 30 Jan 2018 06:52

Tgt Ion:252 Resp: 36746

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	9.4	4.0	6.0#