Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Not Reviewed)

Data File : BM013486.D
Acq On : 16 Dec 2017 20:44
Operator : SJ/JU
Sample : I6776-06DL 30X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A58DL

Quant Time: Dec 18 03:15:26 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	207936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	937668	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	541585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1186306	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	980433	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	831038	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	481	0.11	ng/uL	0.00
5) Phenol-d5	6.86	99	15667	0.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	9423	0.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	12504	0.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	14117	0.92	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	4546	0.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	7141	0.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	14098	0.86	ng/ul	0.02
29) 4-Chloroaniline-d4	10.61	131	14042	0.93	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	48036	1.00	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	58729	0.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	140	0.02	ng/ul	0.00
57) Fluorene-d10	15.31	176	43811	1.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	5090	0.68	ng/ul	0.02
70) Anthracene-d10	17.17	188	65941	1.11	ng/ul	0.00
76) Pyrene-d10	19.46	212	65578	1.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	44188	1.04	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	3484326	72.23	ng/ul	99
30) 4-Chloroaniline	10.50	127	442766	30.34	ng/ul#	12
34) 2-Methylnaphthalene	12.12	142	940461	25.93	ng/ul	95
40) 1,1'-Biphenyl	13.15	154	324989	7.10	ng/ul	96
47) Acenaphthylene	14.04	152	88725	1.61	ng/ul#	95
49) Acenaphthene	14.39	153	2983000	79.56	ng/ul	98
53) Dibenzofuran	14.72	168	2326953	42.04	ng/ul	99
58) Fluorene	15.37	166	2352882	51.39	ng/ul	97
60) 4-Nitroaniline	15.37	138	27286	2.75	ng/ul#	13
63) 4,6-Dinitro-2-methylphenol	15.47	198	8025	1.08	ng/ul#	95
68) Pentachlorophenol	16.73	266	14466	1.63	ng/ul#	78
69) Phenanthrene	17.12	178	13290329	197.20	ng/ul	94
71) Anthracene	17.20	178	2104930	30.55	ng/ul	99
72) Carbazole	17.47	167	440087	7.43	ng/ul	99
74) Fluoranthene	19.14	202	10452153	126.55	ng/ul#	90
77) Pyrene	19.50	202	6834993	114.75	ng/ul#	90
80) Benzo(a)anthracene	21.24	228	1271928	20.45	ng/ul	98
82) Chrysene	21.30	228	1177236	20.40	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	634387	11.32	ng/ul#	97
86) Benzo(k)fluoranthene	22.82	252	634387	12.03	ng/ul#	95
88) Benzo(a)pyrene	23.38	252	308802	6.14	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.70	276	99208	1.99	ng/ul	98
91) Benzo(g,h,i)perylene	26.39	276	79411	2.02	ng/ul#	93

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Not Reviewed)

Data File : BM013486.D
Acq On : 16 Dec 2017 20:44
Operator : SJ/JU
Sample : I6776-06DL 30X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Quant Time: Dec 18 03:15:26 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

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

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

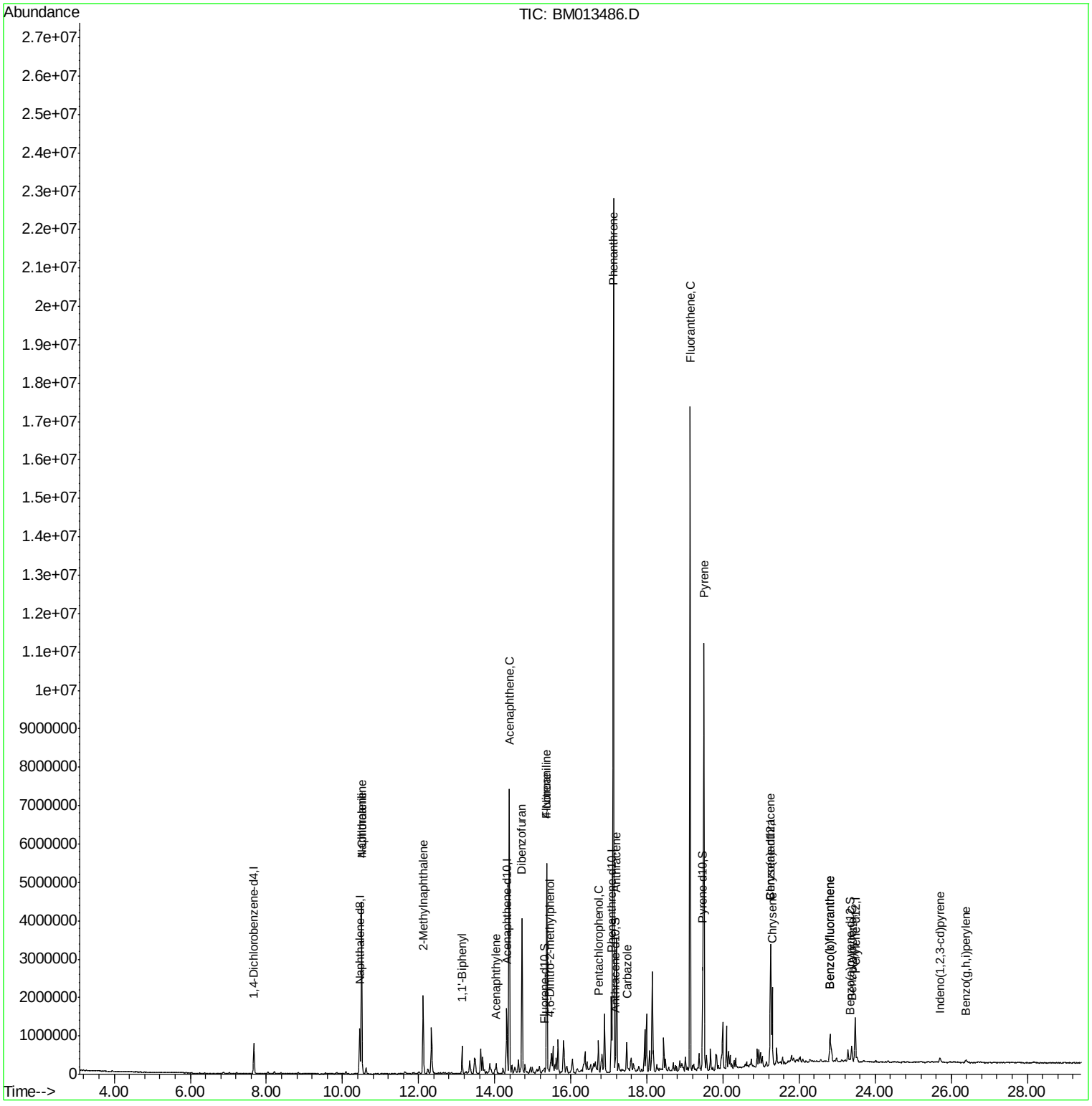
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

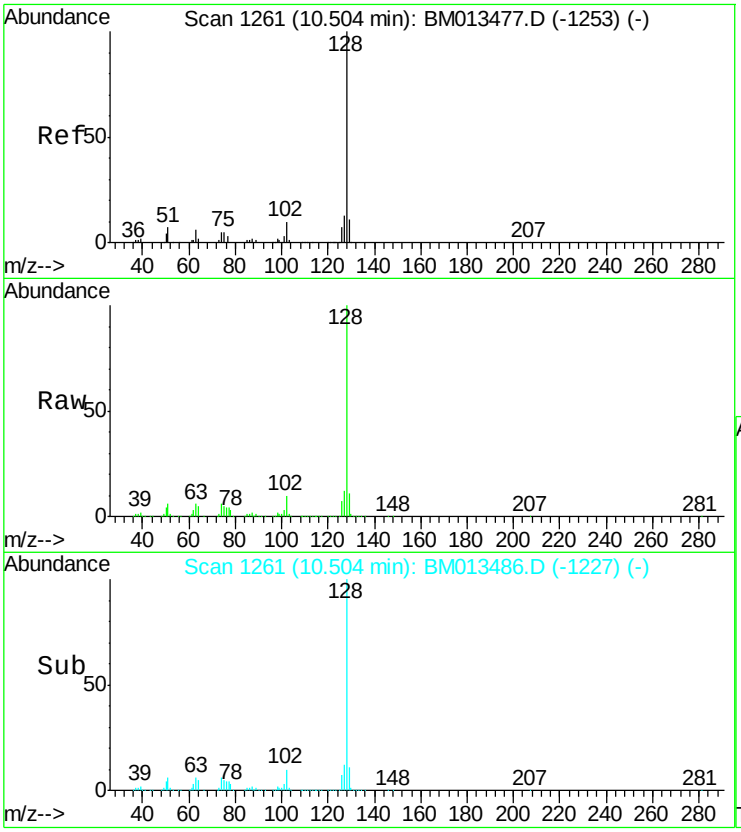
Quantitation Report (Not Reviewed)

Data File : BM013486.D
Acq On : 16 Dec 2017 20:44
Operator : SJ/JU
Sample : I6776-06DL 30X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A58DL

Quant Time: Dec 18 03:15:26 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration



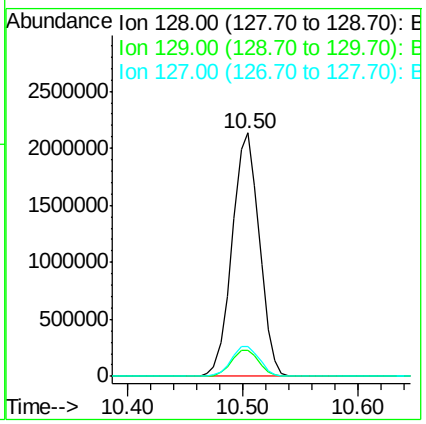


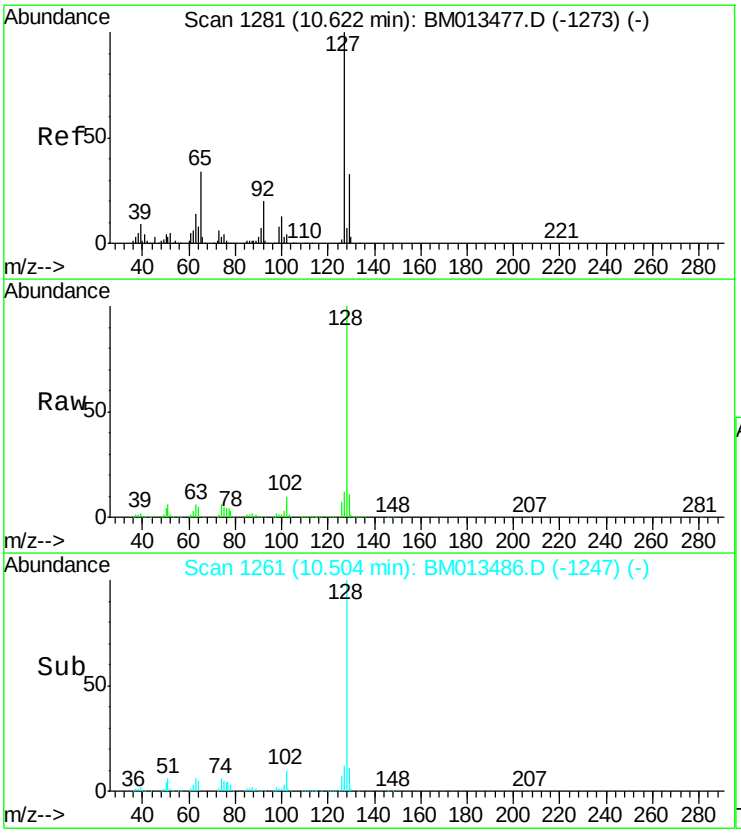
#28
Naphthalene
Concen: 72.23 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:128 Resp: 3484326

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.5	10.6	16.0

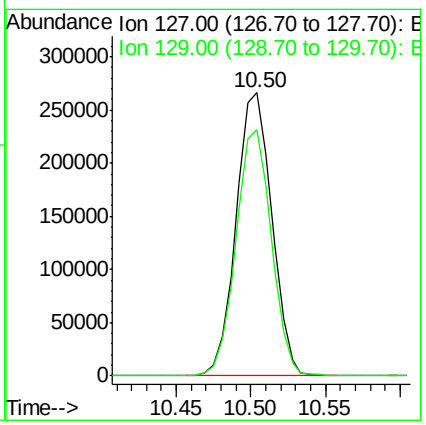


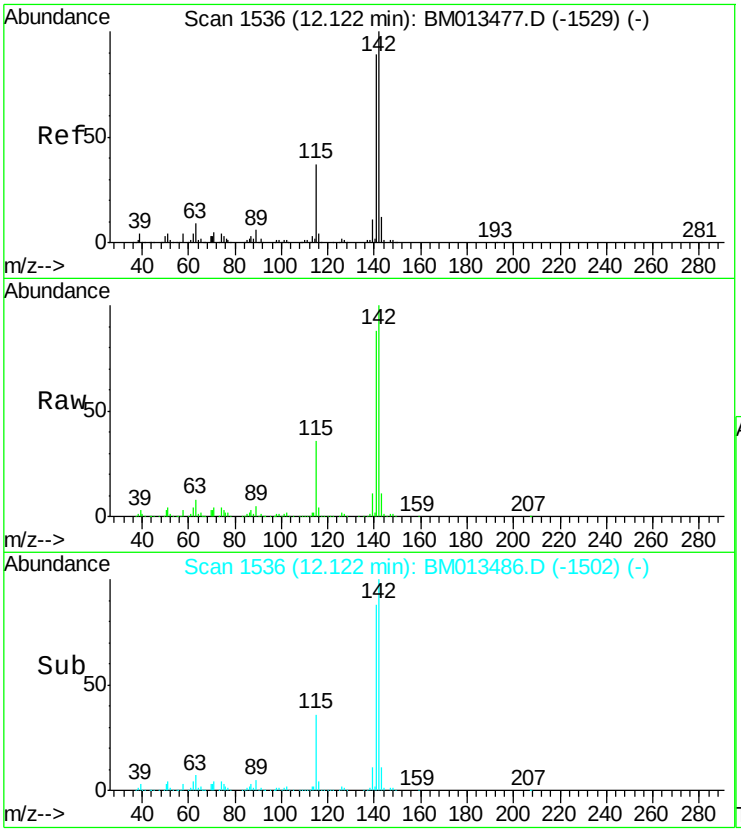


#30
4-Chloroaniline
Concen: 30.34 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:127 Resp: 442766

Ion	Ratio	Lower	Upper
127	100		
129	86.9	28.4	42.6#



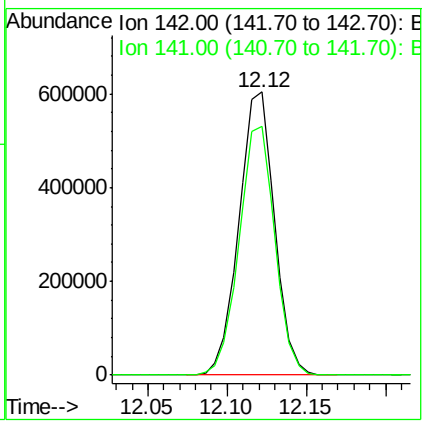


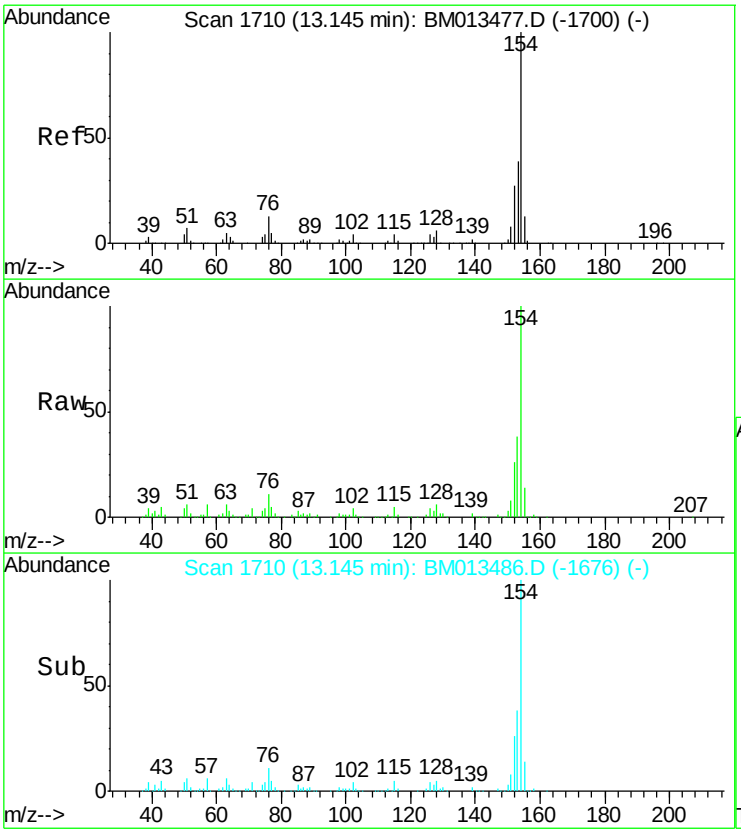
#34
2-Methylnaphthalene
Concen: 25.93 ng/ul
RT: 12.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:142 Resp: 940461

Ion	Ratio	Lower	Upper
142	100		
141	87.7	74.1	111.1

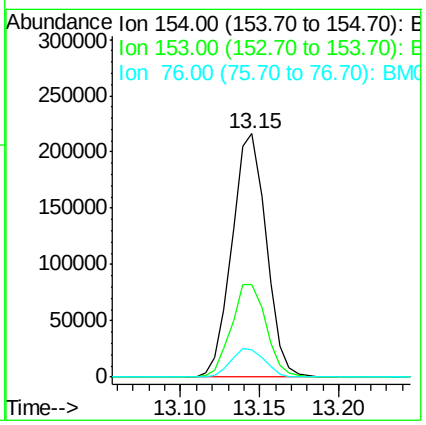


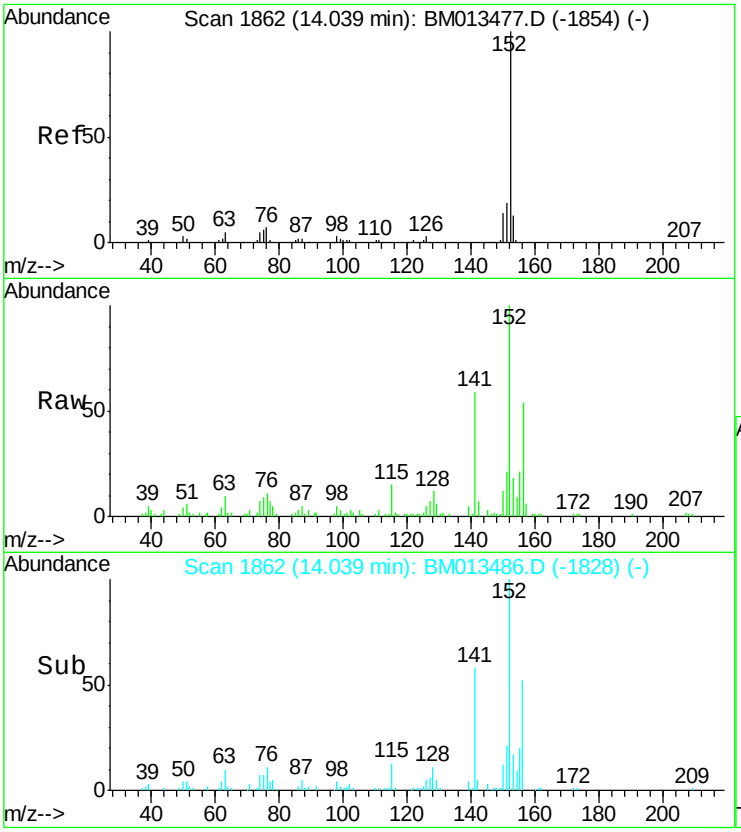


#40
1,1'-Biphenyl
Concen: 7.10 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:154 Resp: 324989

Ion	Ratio	Lower	Upper
154	100		
153	38.1	32.6	48.8
76	11.1	8.5	12.7



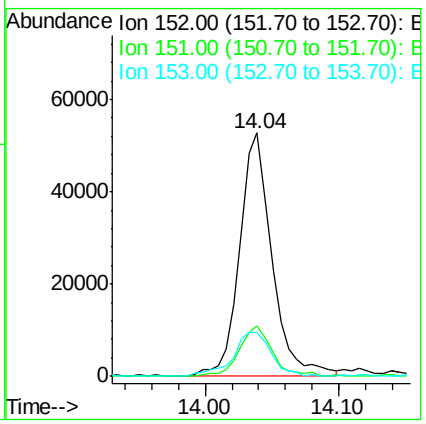


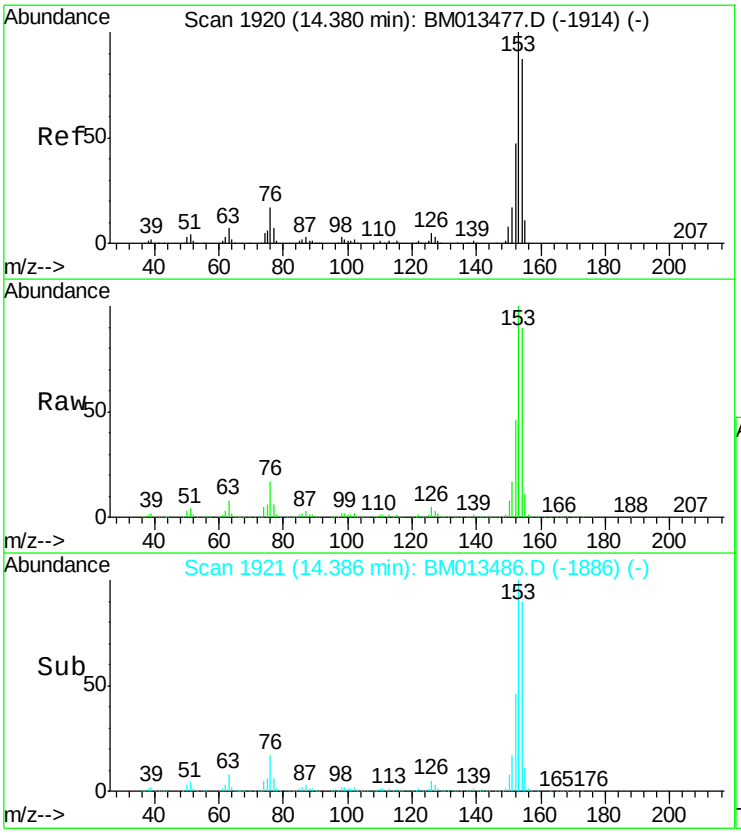
#47
Acenaphthylene
Concen: 1.61 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:152 Resp: 88725

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	18.0	10.2	15.4#

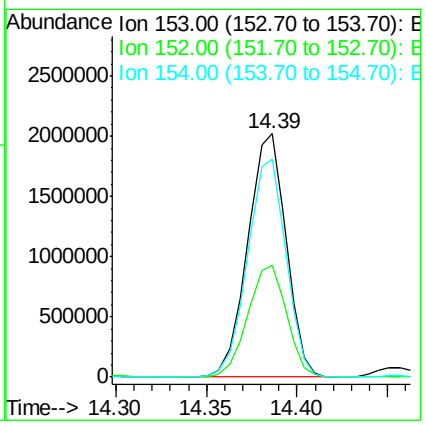


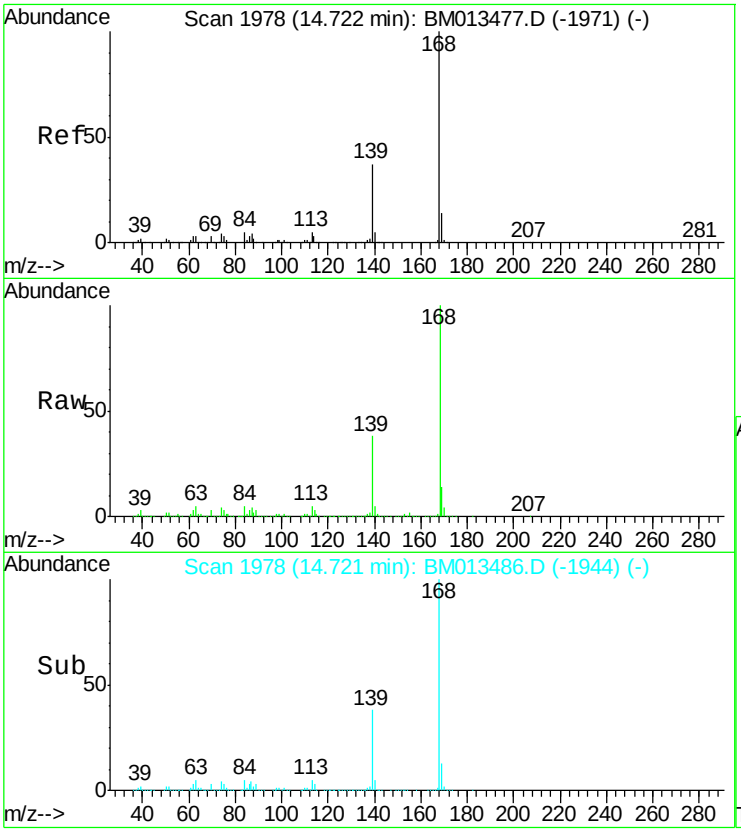


#49
Acenaphthene
Concen: 79.56 ng/ul
RT: 14.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:153 Resp: 2983000

Ion	Ratio	Lower	Upper
153	100		
152	46.1	37.6	56.4
154	89.7	70.4	105.6



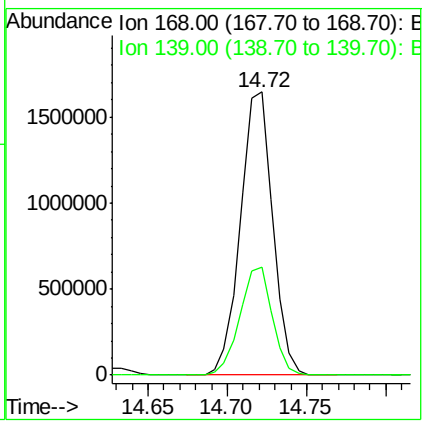


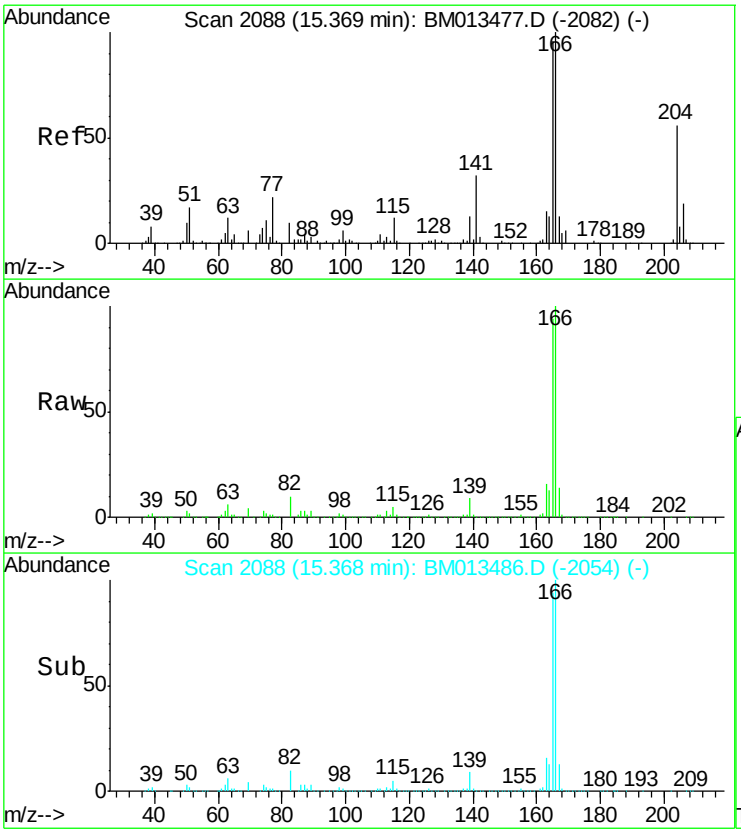
#53
Dibenzofuran
Concen: 42.04 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:168 Resp: 2326953

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.8	46.2

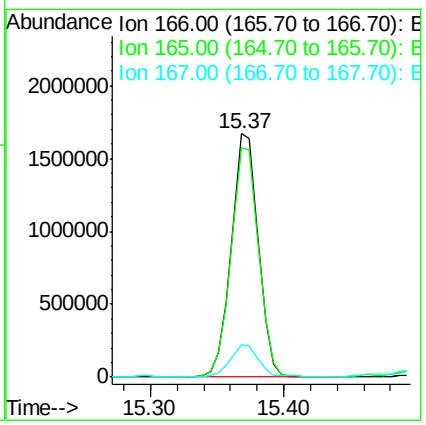


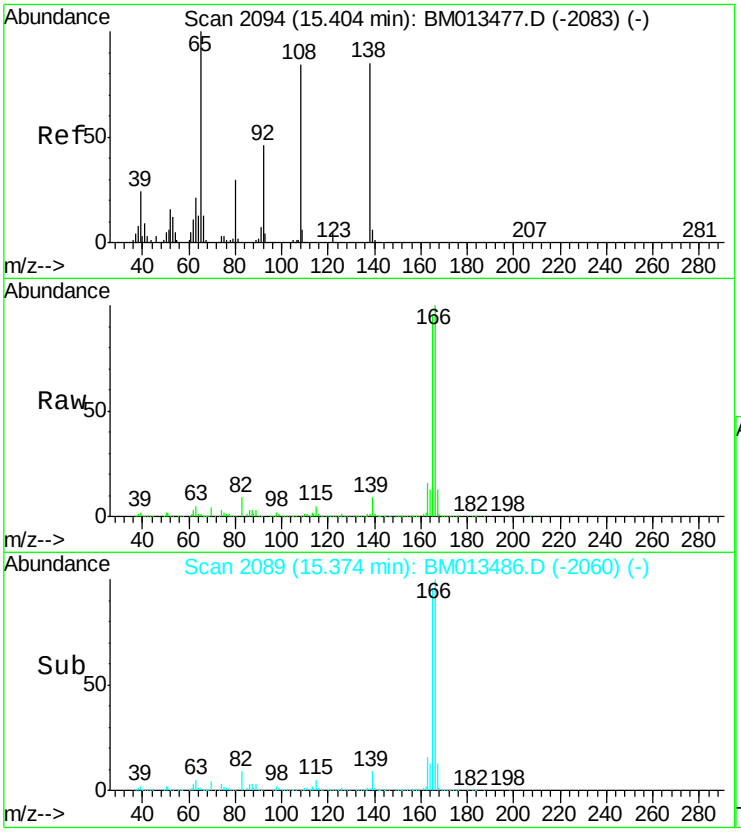


#58
Fluorene
Concen: 51.39 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:166 Resp: 2352882

Ion	Ratio	Lower	Upper
166	100		
165	94.1	77.9	116.9
167	13.6	10.6	16.0



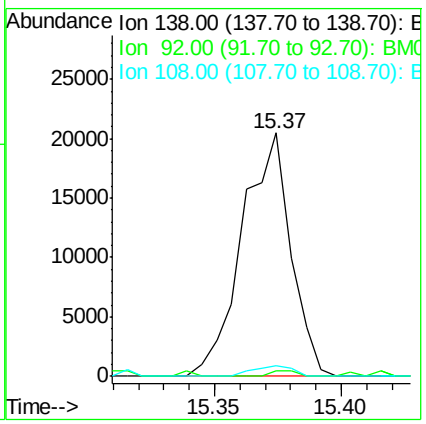


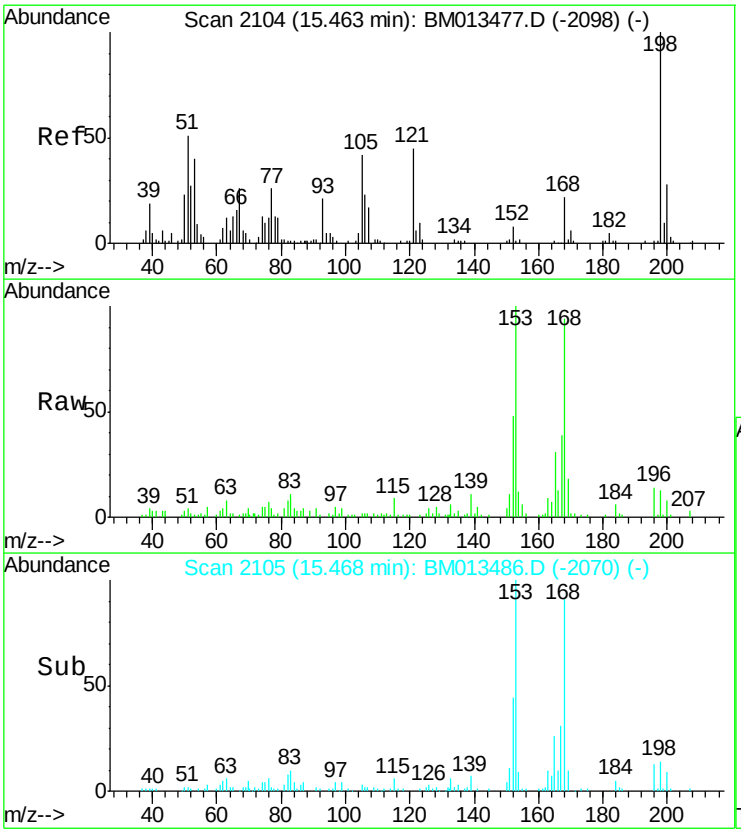
#60
4-Nitroaniline
Concen: 2.75 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. -0.03 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:138 Resp: 27286

Ion	Ratio	Lower	Upper
138	100		
92	2.1	40.0	60.0#
108	4.2	80.0	120.0#

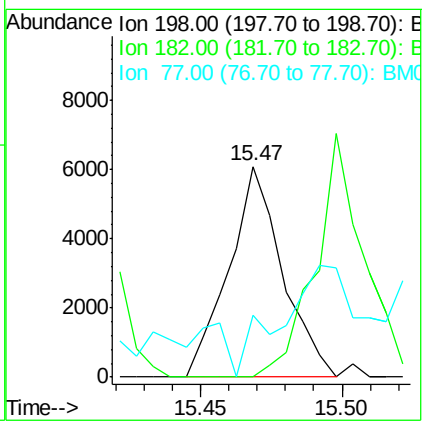


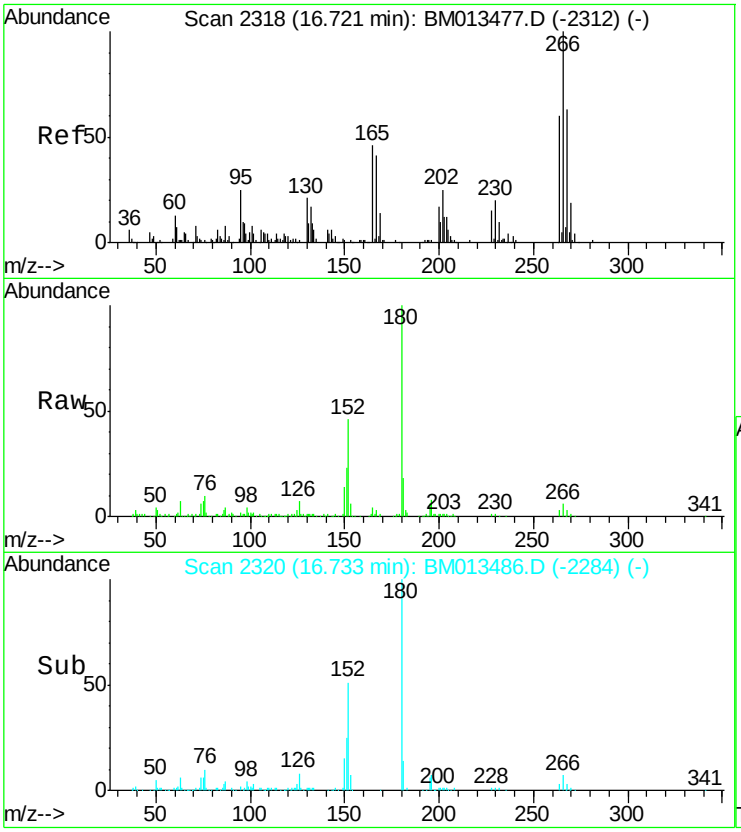


#63
4,6-Dinitro-2-methylphenol
Concen: 1.08 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:198 Resp: 8025

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.6#
77	29.2	25.2	37.8



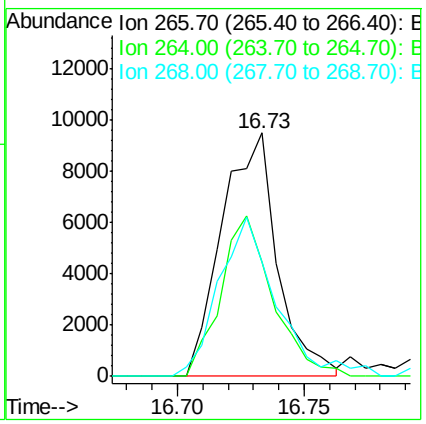


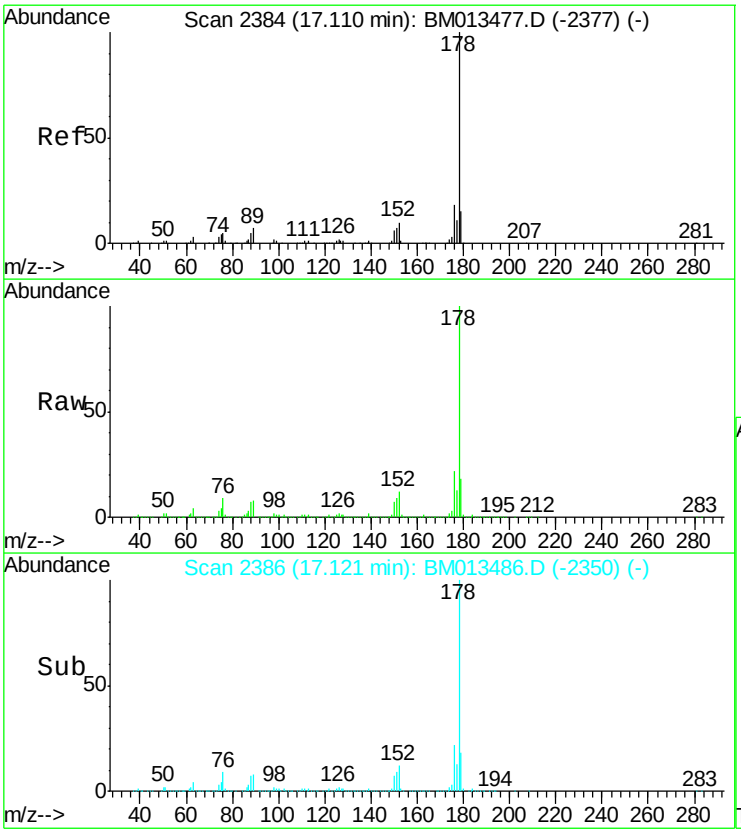
#68
Pentachlorophenol
Concen: 1.63 ng/ul
RT: 16.73 min Scan# 2320
Delta R.T. 0.01 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:266 Resp: 14466

Ion	Ratio	Lower	Upper
266	100		
264	46.9	49.3	73.9#
268	46.8	52.6	78.8#

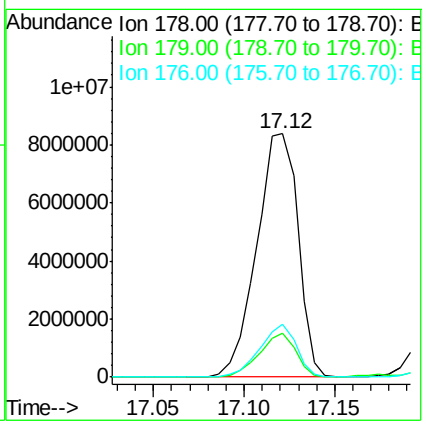


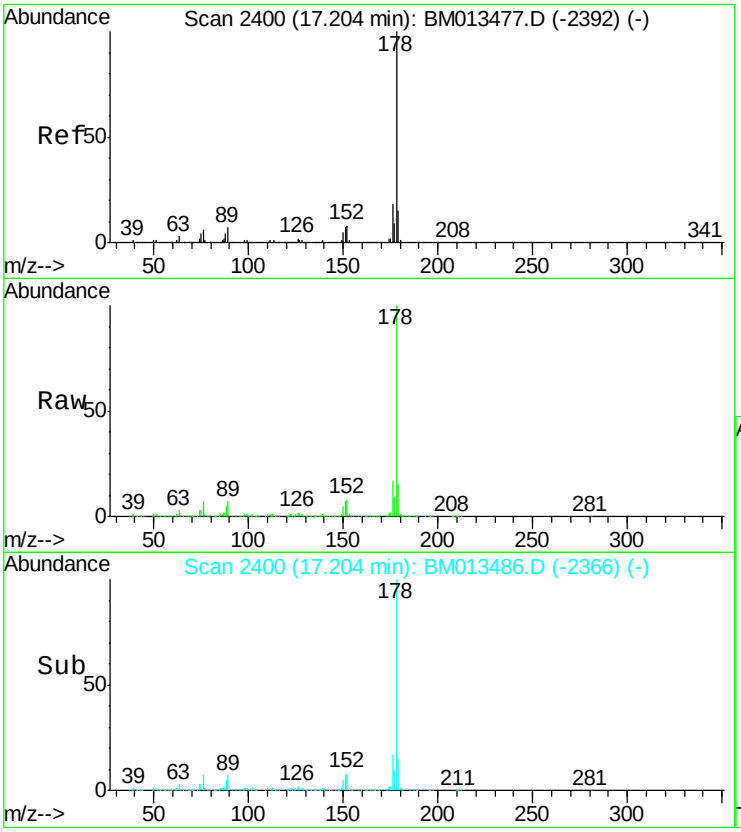


#69
Phenanthrene
Concen: 197.20 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:178 Resp:13290329

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.6	19.0
176	21.6	14.9	22.3



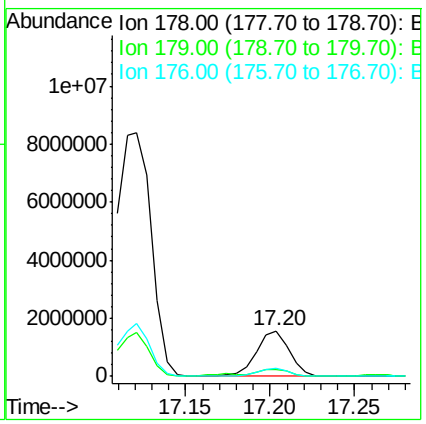


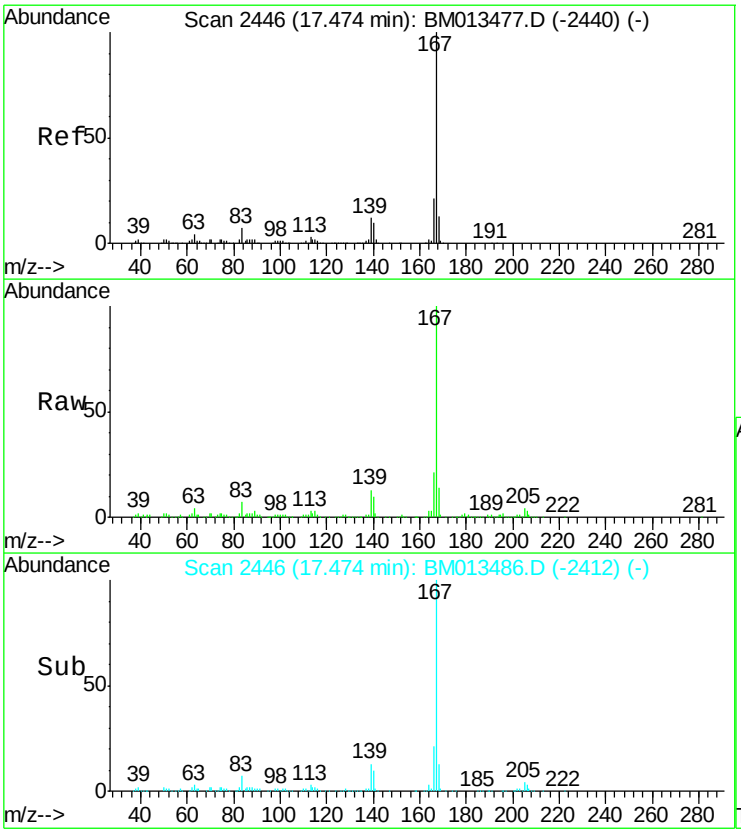
#71
Anthracene
Concen: 30.55 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:178 Resp: 2104930

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.7	17.5
176	17.4	14.6	21.8

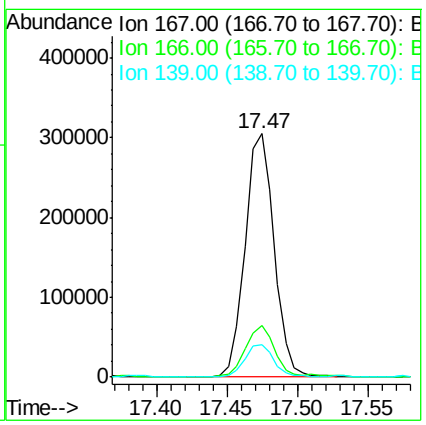


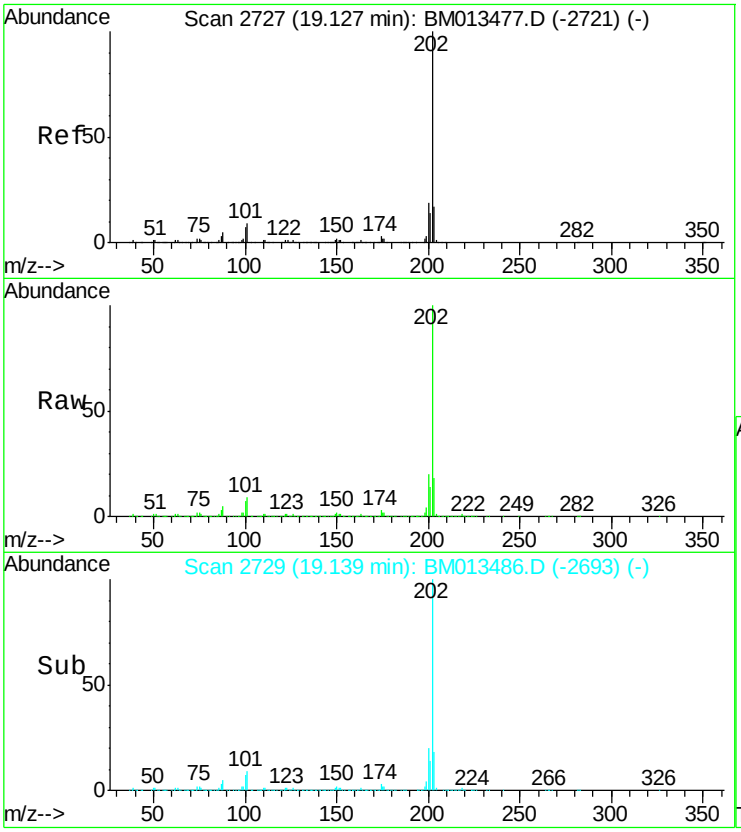


#72
Carbazole
Concen: 7.43 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:167 Resp: 440087

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	13.3	10.0	15.0



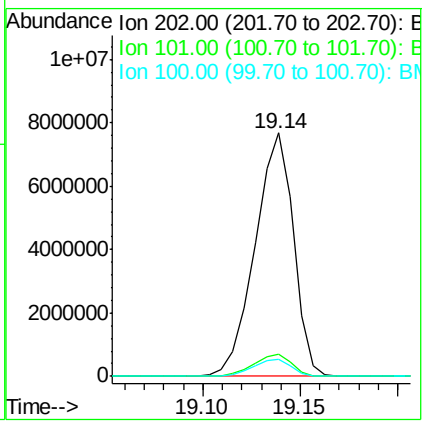


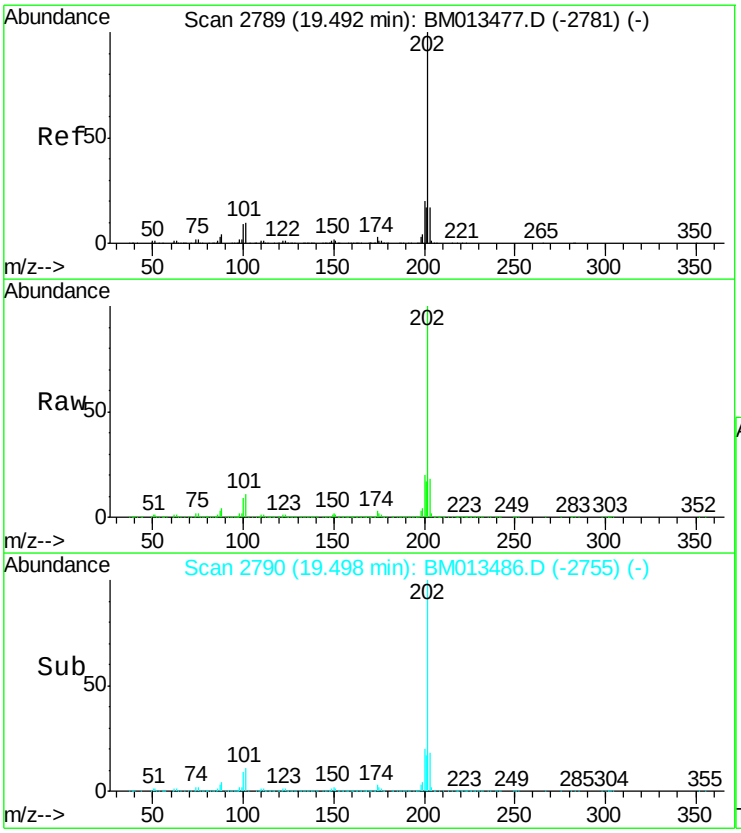
#74
Fluoranthene
Concen: 126.55 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.01 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:202 Resp:10452153

Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.6	7.0#
100	7.1	3.4	5.2#

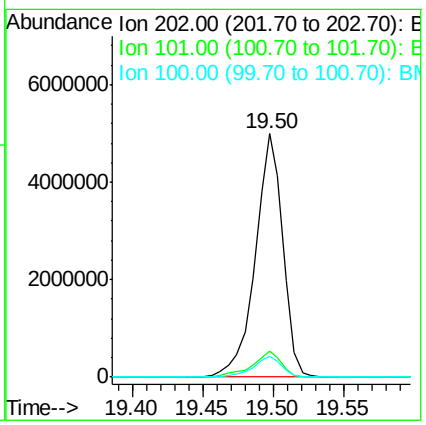


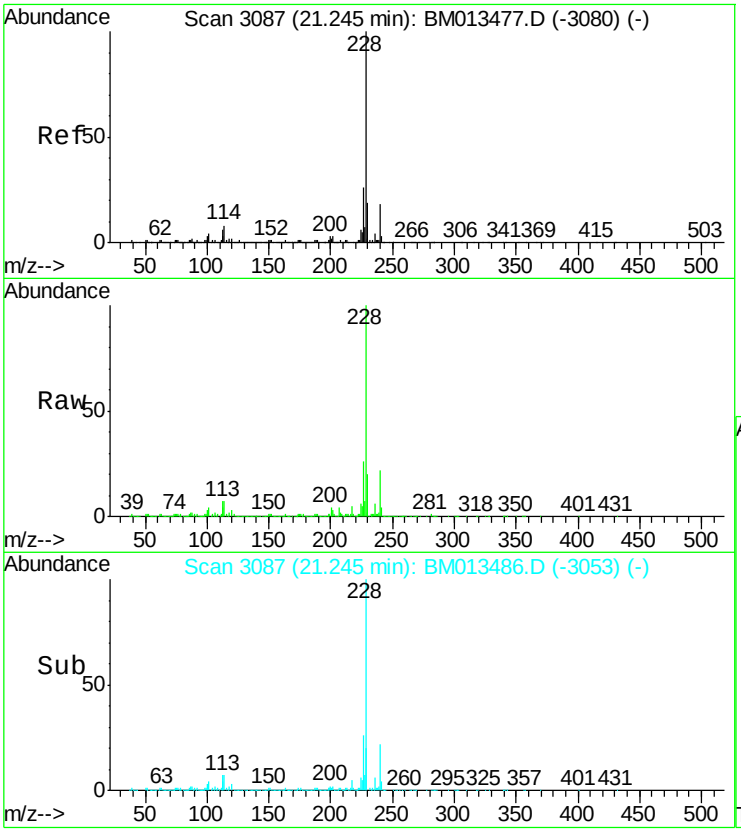


#77
Pyrene
Concen: 114.75 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:202 Resp: 6834993

Ion	Ratio	Lower	Upper
202	100		
101	10.7	5.1	7.7#
100	8.7	4.9	7.3#



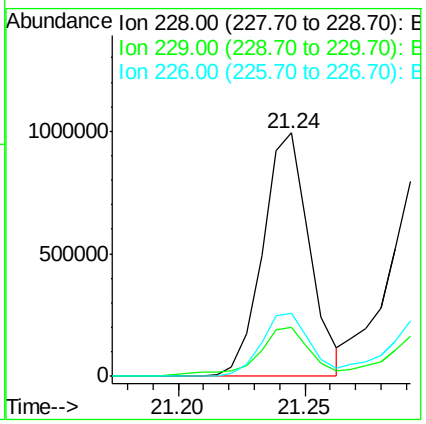


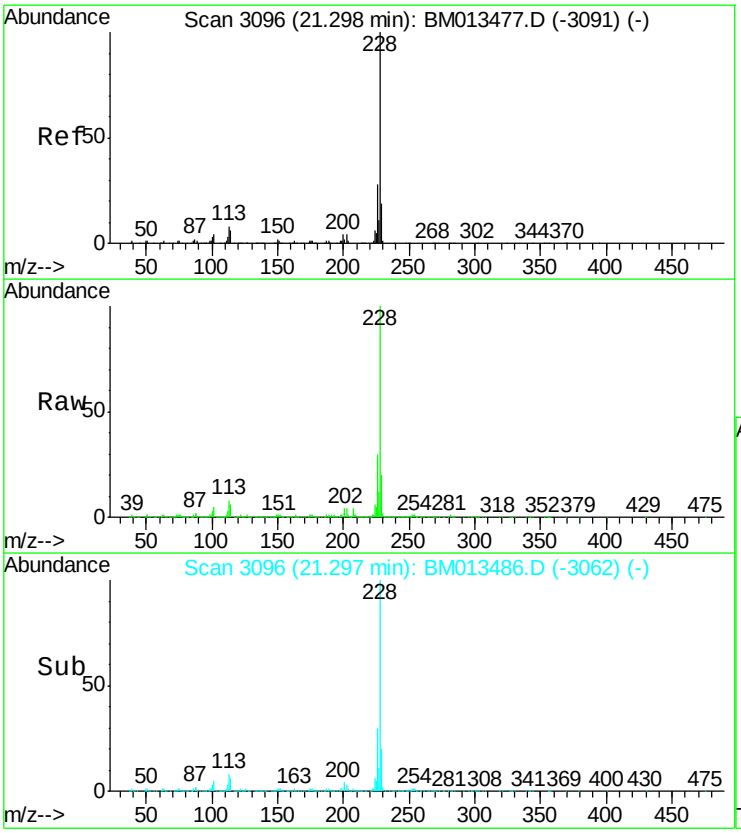
#80
Benzo(a)anthracene
Concen: 20.45 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:228 Resp: 1271928

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	25.8	21.4	32.0

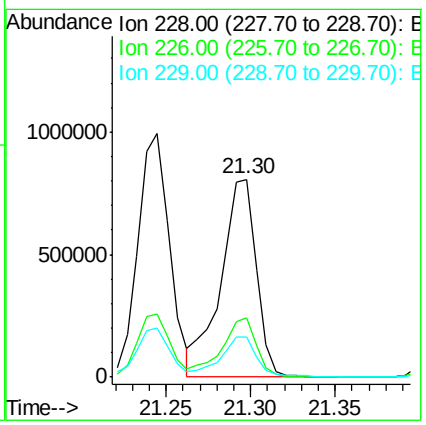


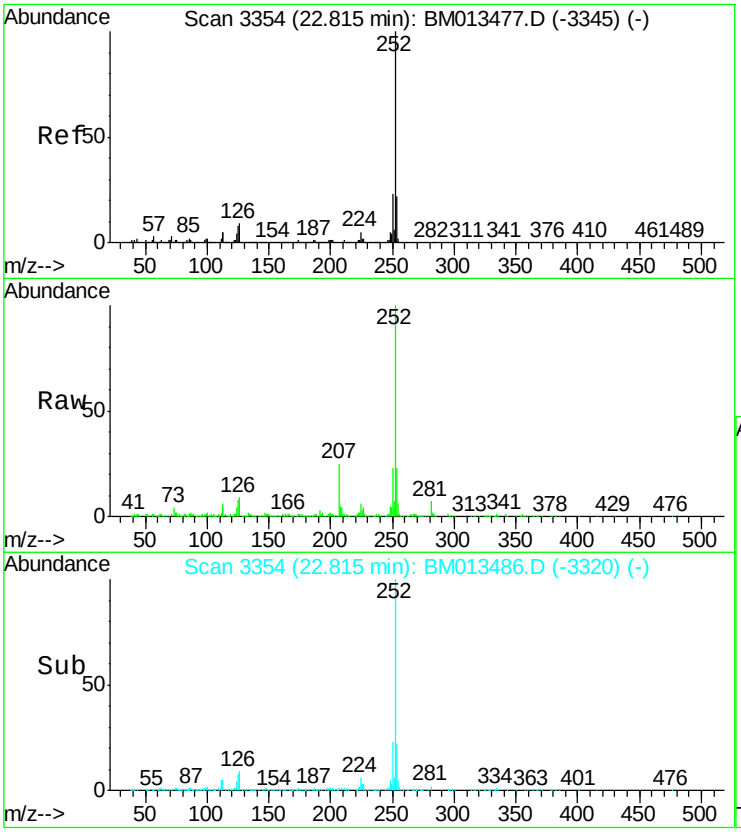


#82
Chrysene
Concen: 20.40 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:228 Resp: 1177236

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	20.0	15.5	23.3



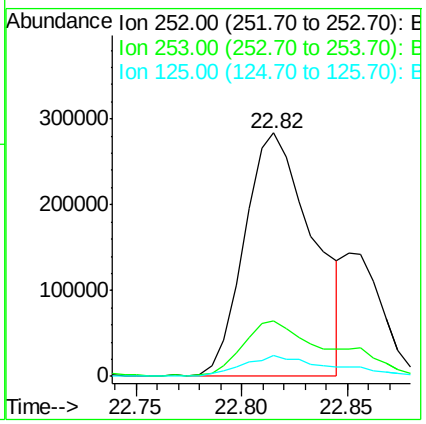


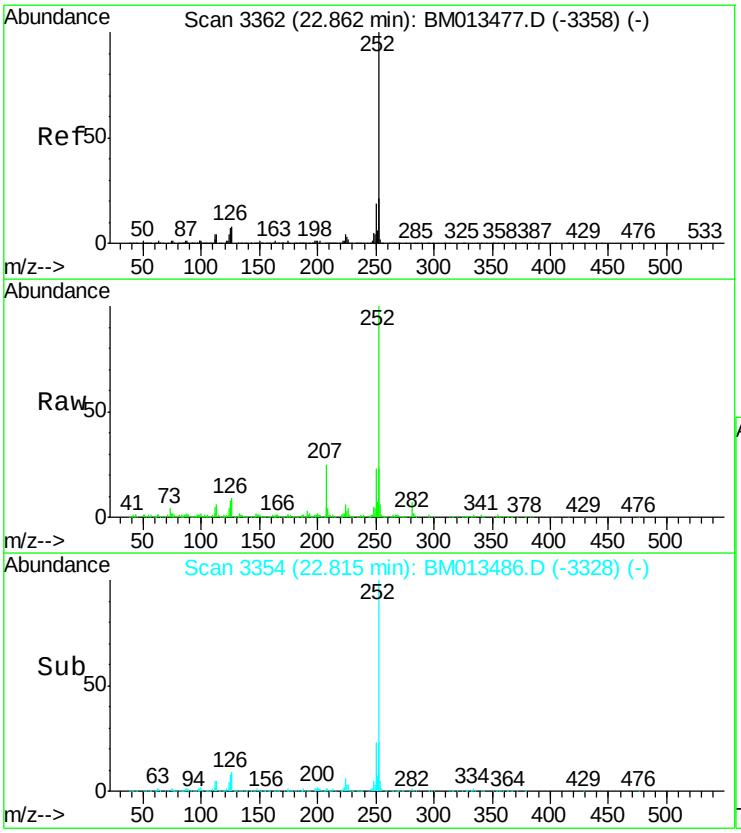
#85
Benzo(b)fluoranthene
Concen: 11.32 ng/ul
RT: 22.82 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:252 Resp: 634387

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	8.5	3.6	5.4#

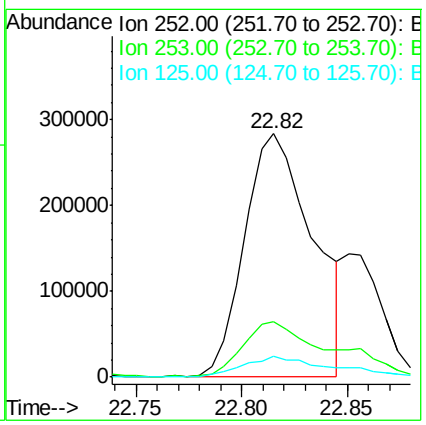


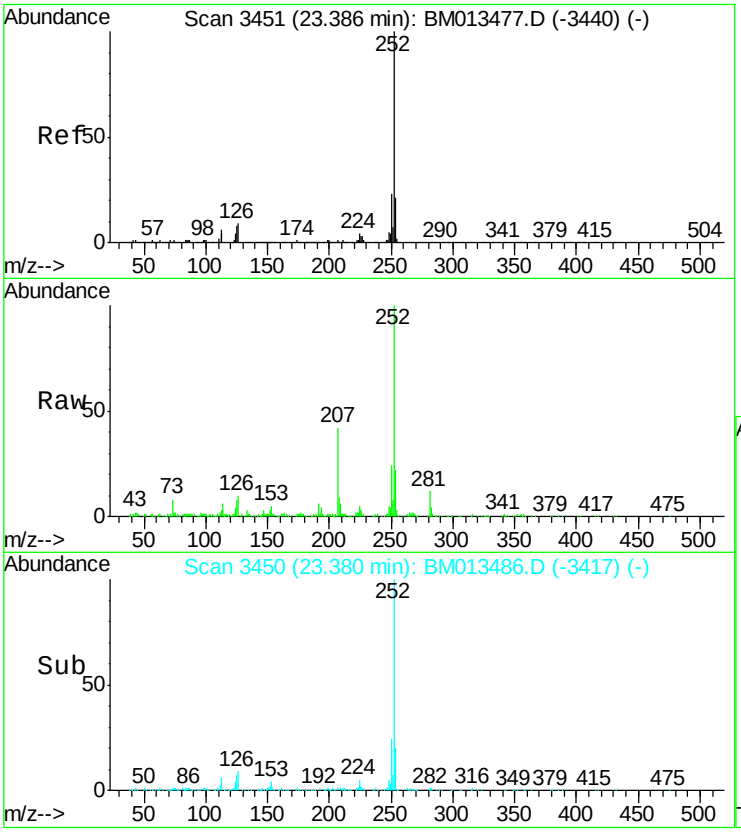


#86
Benzo(k)fluoranthene
Concen: 12.03 ng/ul
RT: 22.82 min Scan# 3354
Delta R.T. -0.05 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:252 Resp: 634387

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	8.5	3.4	5.2#



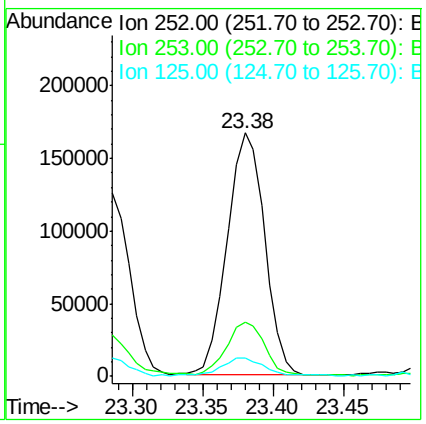


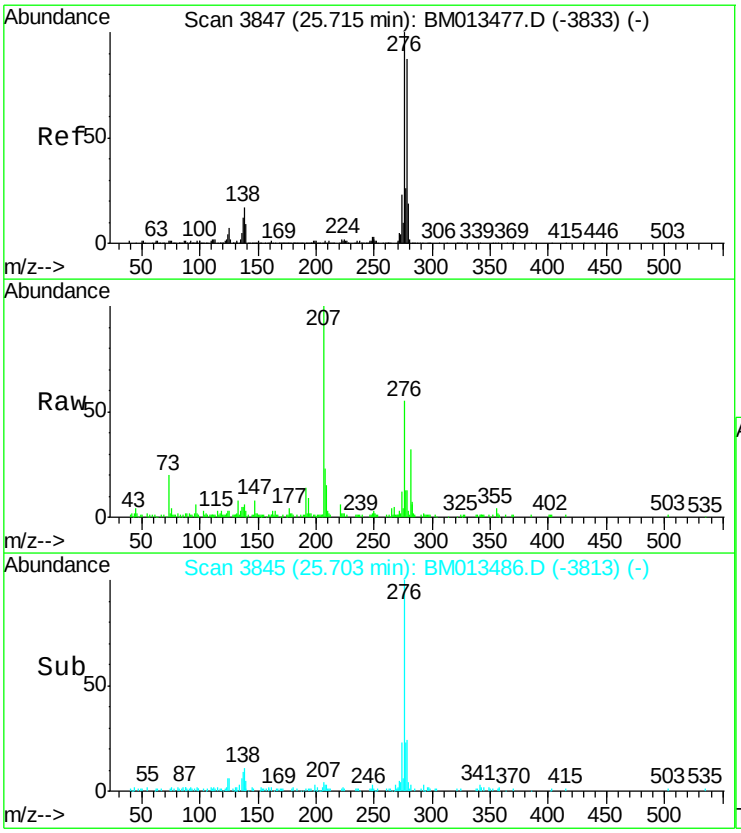
#88
Benzo(a)pyrene
Concen: 6.14 ng/ul
RT: 23.38 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:252 Resp: 308802

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	7.5	4.0	6.0#

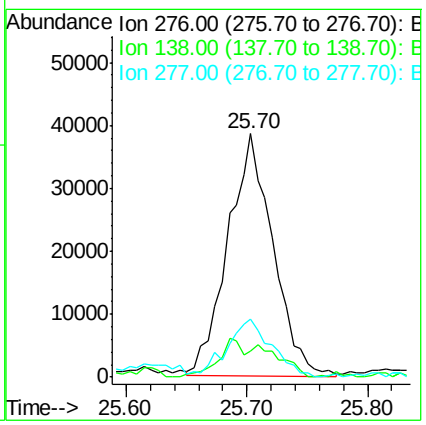


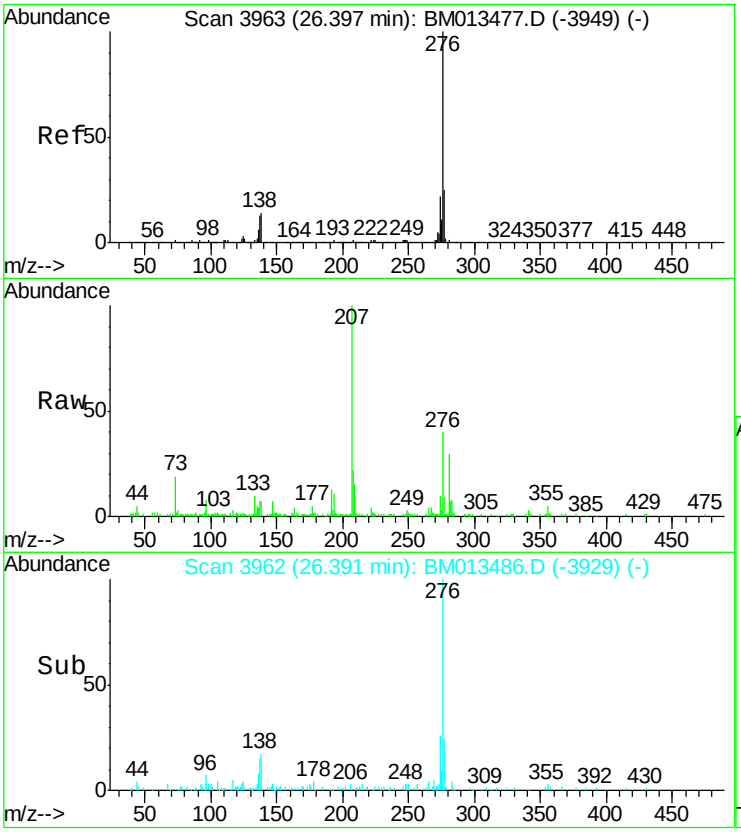


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.99 ng/ul
RT: 25.70 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Tgt Ion:276 Resp: 99208

Ion	Ratio	Lower	Upper
276	100		
138	10.7	9.3	13.9
277	23.7	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 2.02 ng/ul
RT: 26.39 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BM013486.D
Acq: 16 Dec 2017 20:44

Instrument :
BNA_M
ClientSampleId :
F9A58DL

Tgt Ion:276 Resp: 79411

Ion	Ratio	Lower	Upper
276	100		
138	18.2	8.5	12.7#
277	23.8	18.6	28.0