Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013514.D
Acq On : 19 Dec 2017 15:53
Operator : SJ/JU
Sample : I6778-13ME 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 20 03:17:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	153250	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	658078	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	394491	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	910053	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	814889	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	722780	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	618	0.20	ng/uL	0.00
5) Phenol-d5	6.86	99	13554	1.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	9205	1.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	12199	1.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	12208	1.08	ng/ul	0.01
19) Nitrobenzene-d5	8.83	128	7970	1.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	5688	1.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	10735	0.93	ng/ul	0.02
29) 4-Chloroaniline-d4	10.61	131	20327	1.92	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	42621	1.21	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	52069	1.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	1046	0.17	ng/ul	0.03
57) Fluorene-d10	15.31	176	39952	1.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	1318	0.23	ng/ul	0.02
70) Anthracene-d10	17.16	188	62465	1.37	ng/ul	0.00
76) Pyrene-d10	19.46	212	61418	1.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	44207	1.20	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	2770905	81.841	ng/ul	99
30) 4-Chloroaniline	10.50	127	363742	35.517	ng/ul#	15
34) 2-Methylnaphthalene	12.12	142	572139	22.480	ng/ul	95
40) 1,1'-Biphenyl	13.15	154	159718	4.791	ng/ul	97
47) Acenaphthylene	14.03	152	80345	2.004	ng/ul#	95
49) Acenaphthene	14.38	153	568188	20.806	ng/ul	99
53) Dibenzofuran	14.72	168	628049	15.578	ng/ul	99
58) Fluorene	15.37	166	710085	21.291	ng/ul	98
60) 4-Nitroaniline	15.36	138	8380	1.160	ng/ul#	14
69) Phenanthrene	17.11	178	3135055	60.637	ng/ul	98
71) Anthracene	17.20	178	458209	8.670	ng/ul	99
72) Carbazole	17.47	167	178729	3.932	ng/ul#	95
74) Fluoranthene	19.13	202	1472934	23.247	ng/ul#	93
77) Pyrene	19.49	202	969821	19.590	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	252540	4.884	ng/ul	96
82) Chrysene	21.29	228	215741	4.498	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	154871	3.179	ng/ul#	96
86) Benzo(k)fluoranthene	22.82	252	154871	3.378	ng/ul#	94
88) Benzo(a)pyrene	23.38	252	102119	2.333	ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	35252	1.029	ng/ul#	80

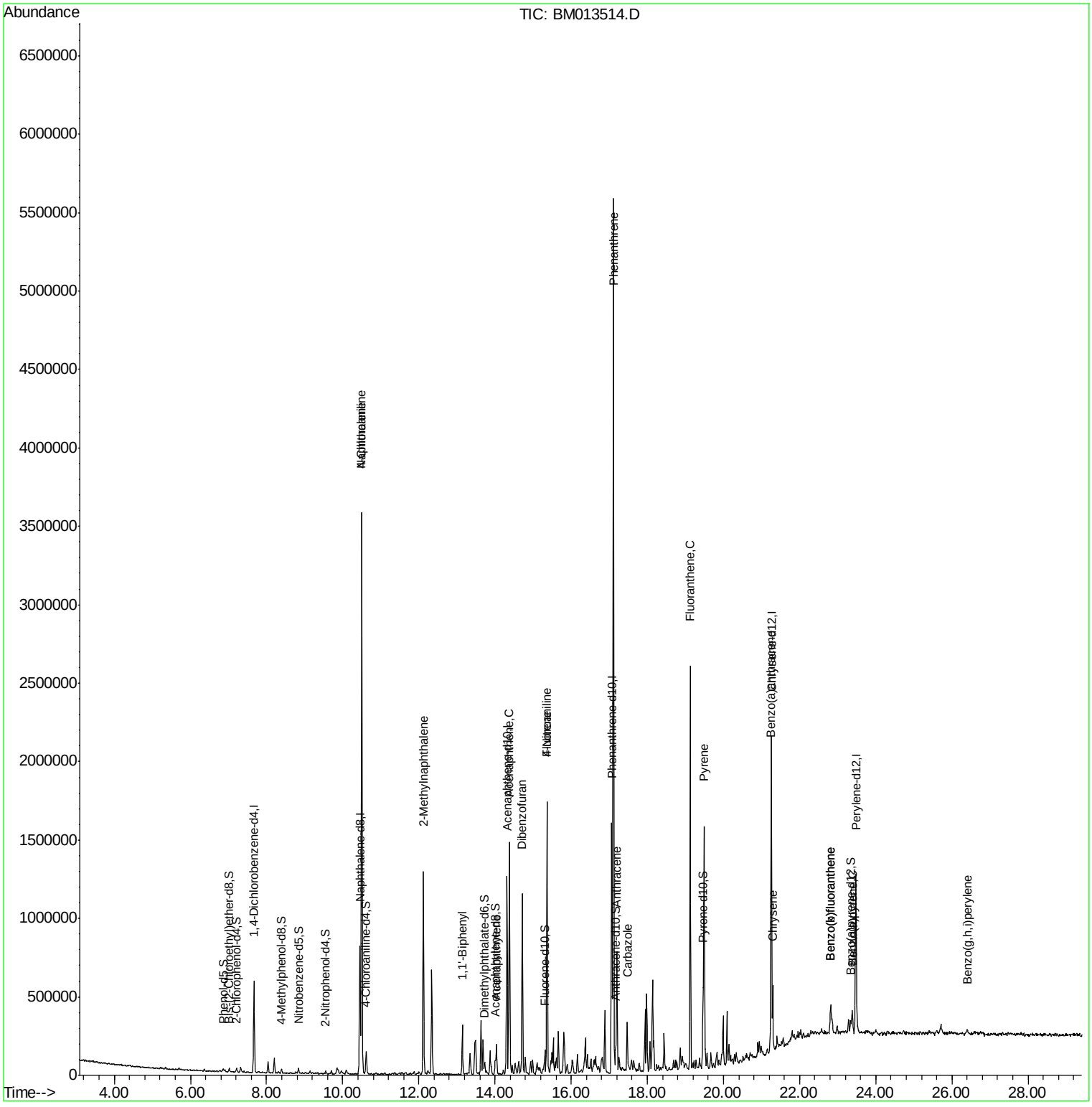
(#) = qualifier out of range (m) = manual integration (+) = signals summed

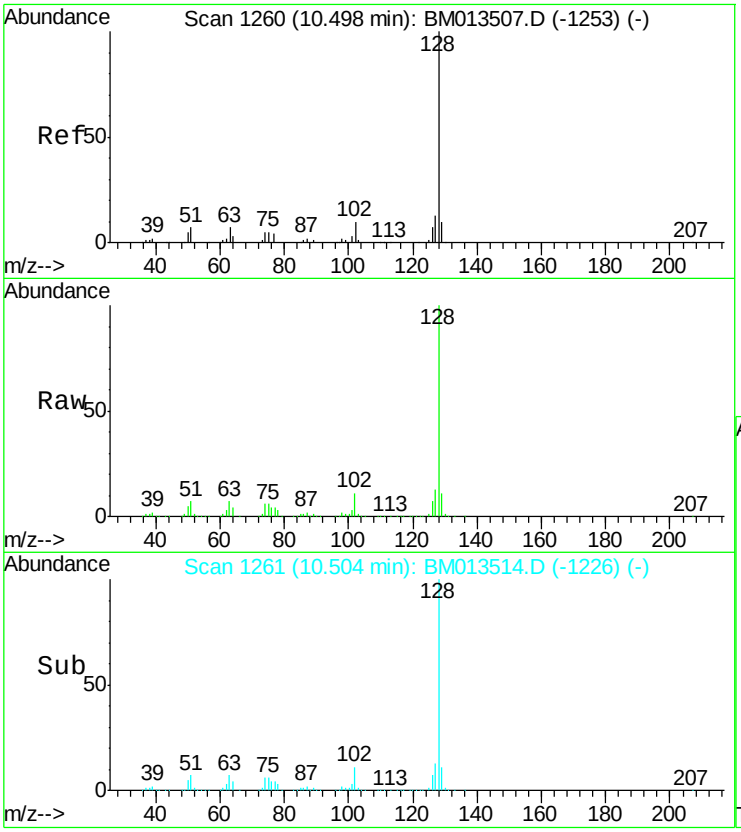
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013514.D
Acq On : 19 Dec 2017 15:53
Operator : SJ/JU
Sample : I6778-13ME 20X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 20 03:17:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration



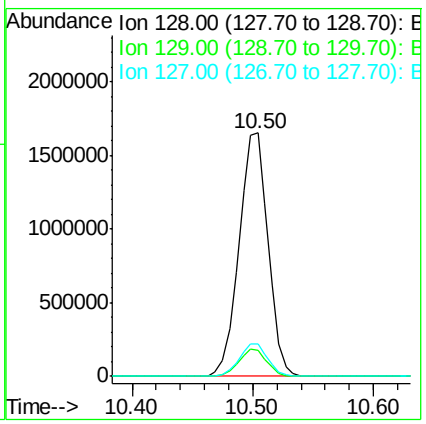


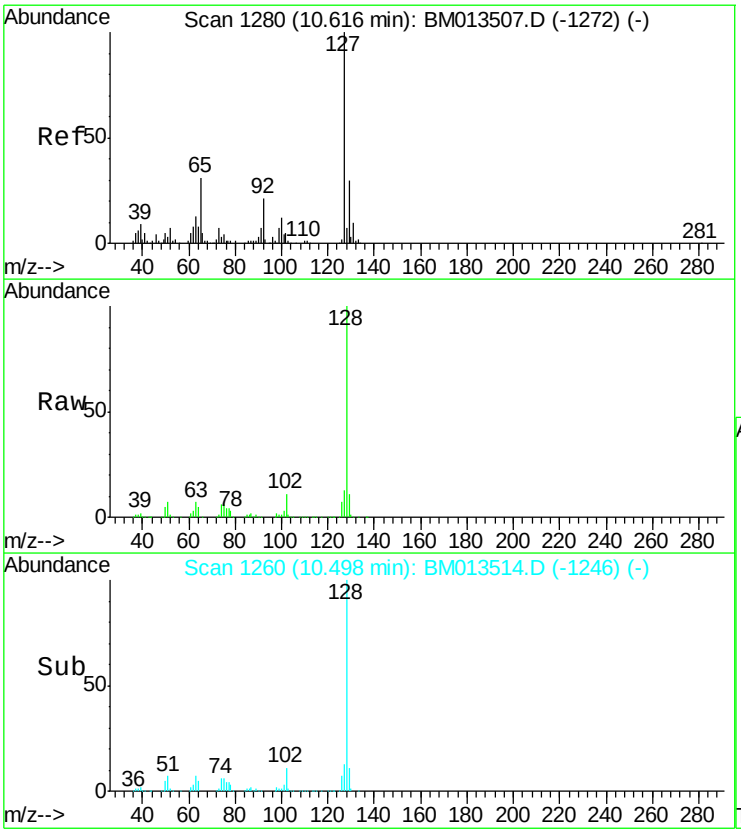
#28
Naphthalene
Concen: 81.841 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 2770905

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.1	10.6	16.0

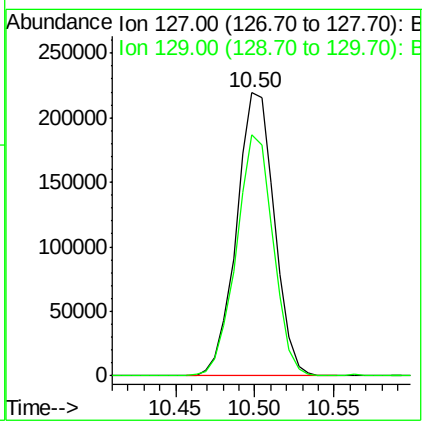


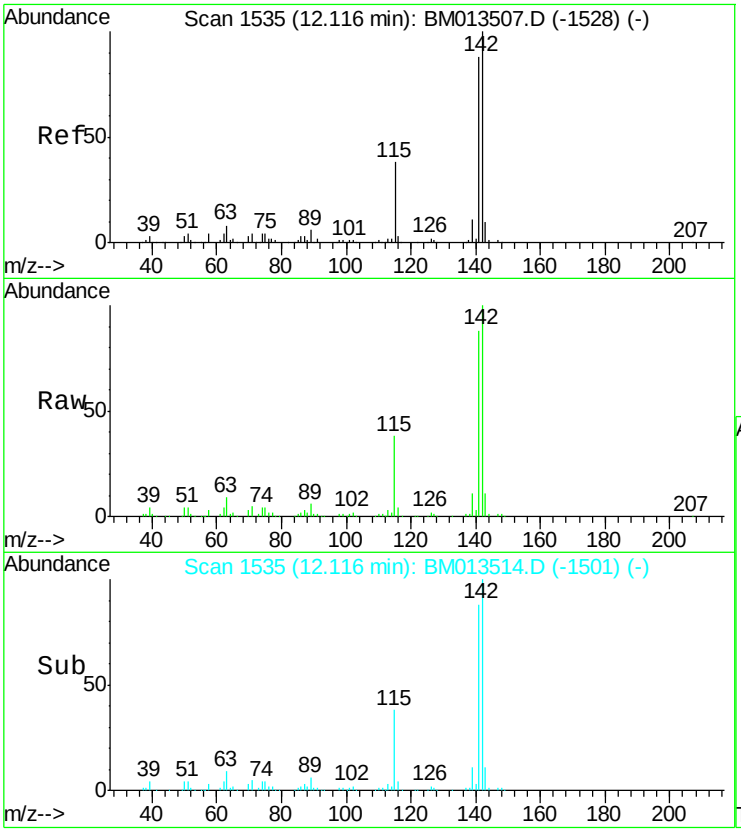


#30
4-Chloroaniline
Concen: 35.517 ng/ul
RT: 10.50 min Scan# 1260
Delta R.T. -0.12 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:127 Resp: 363742

Ion	Ratio	Lower	Upper
127	100		
129	85.1	28.4	42.6#



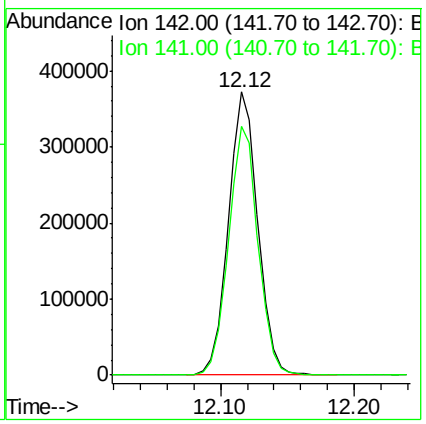


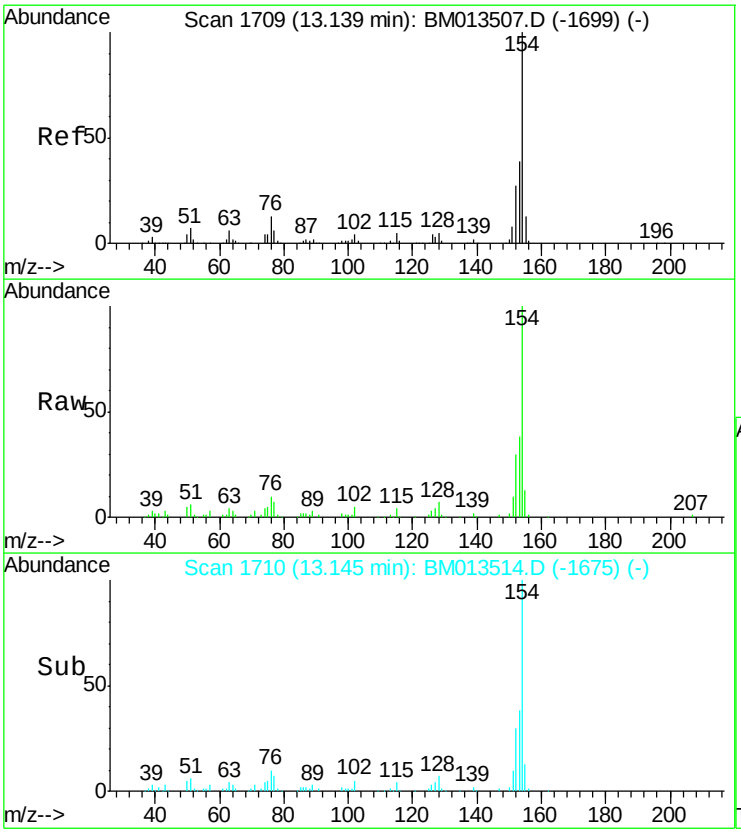
#34
2-Methylnaphthalene
Concen: 22.480 ng/ul
RT: 12.12 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 572139

Ion	Ratio	Lower	Upper
142	100		
141	87.7	74.1	111.1

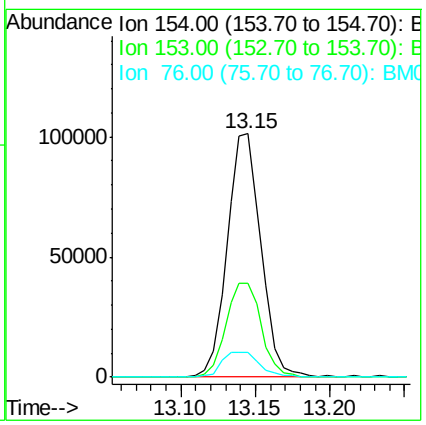


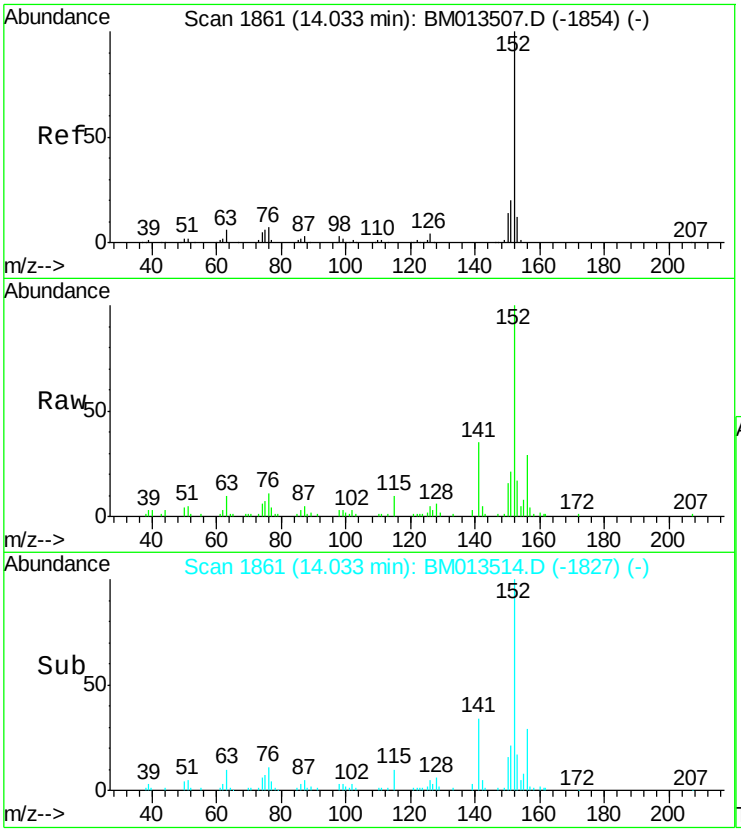


#40
1,1'-Biphenyl
Concen: 4.791 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. 0.01 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:154 Resp: 159718

Ion	Ratio	Lower	Upper
154	100		
153	38.4	32.6	48.8
76	10.0	8.5	12.7



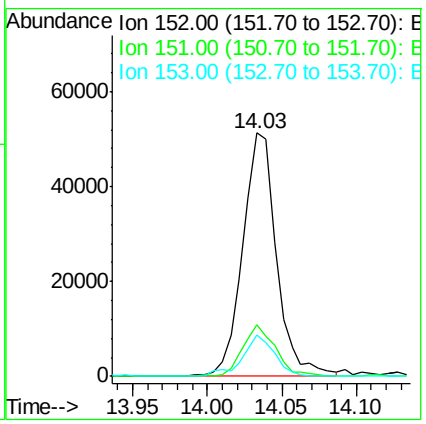


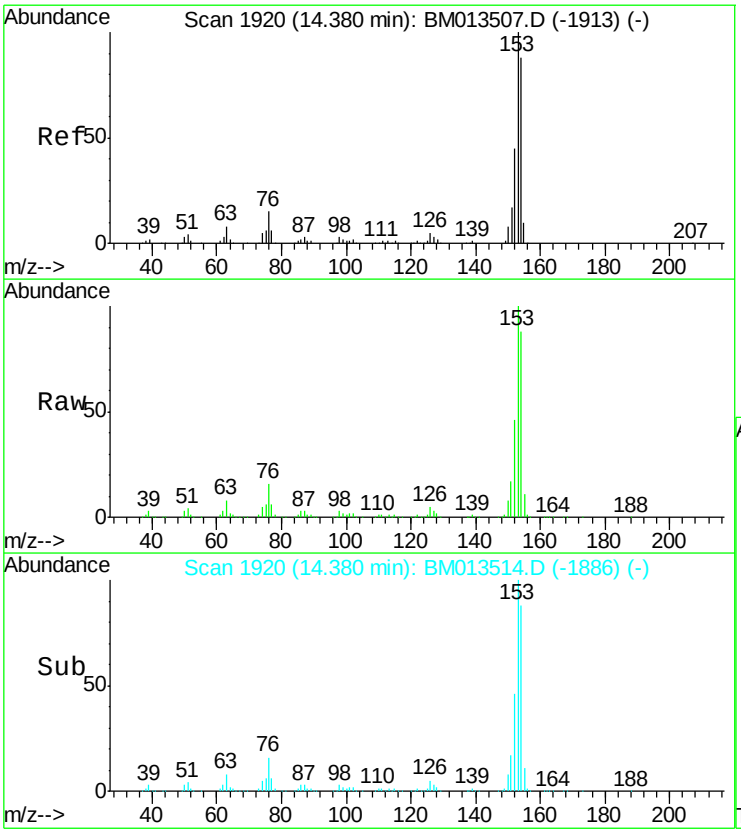
#47
Acenaphthylene
Concen: 2.004 ng/ul
RT: 14.03 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 80345

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.3	24.5
153	17.1	10.2	15.4#

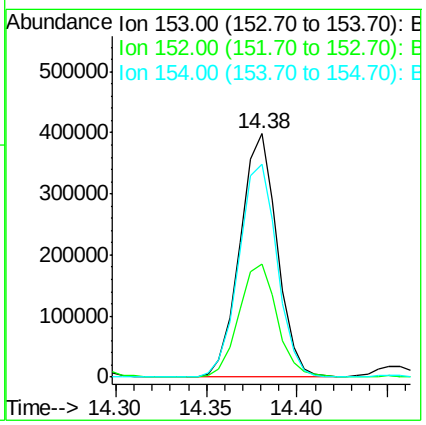


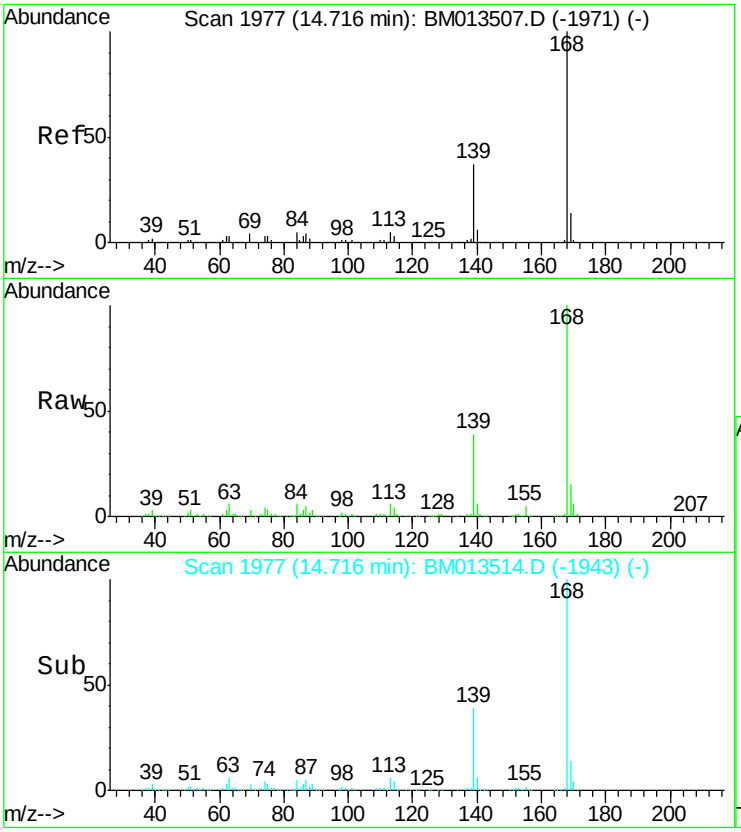


#49
Acenaphthene
Concen: 20.806 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:153 Resp: 568188

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.6	56.4
154	87.6	70.4	105.6



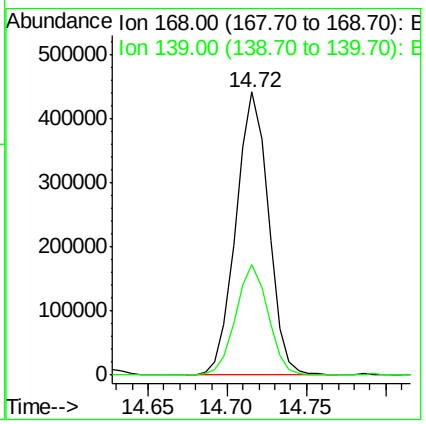


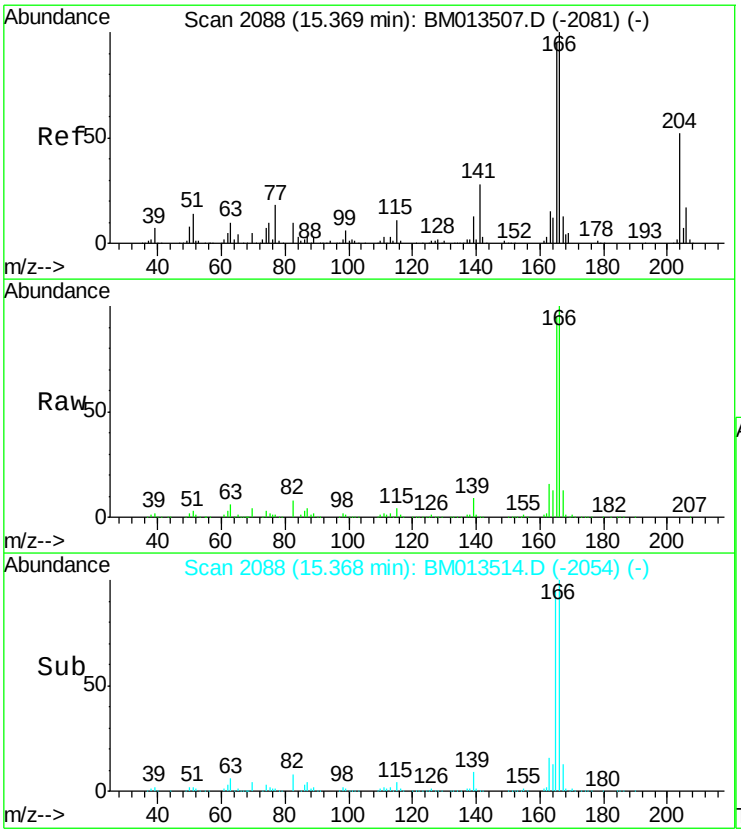
#53
Dibenzofuran
Concen: 15.578 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 628049

Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.8	46.2

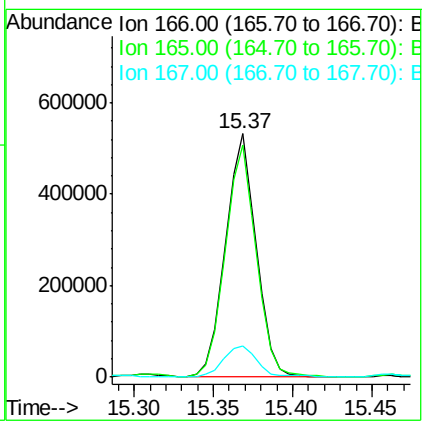


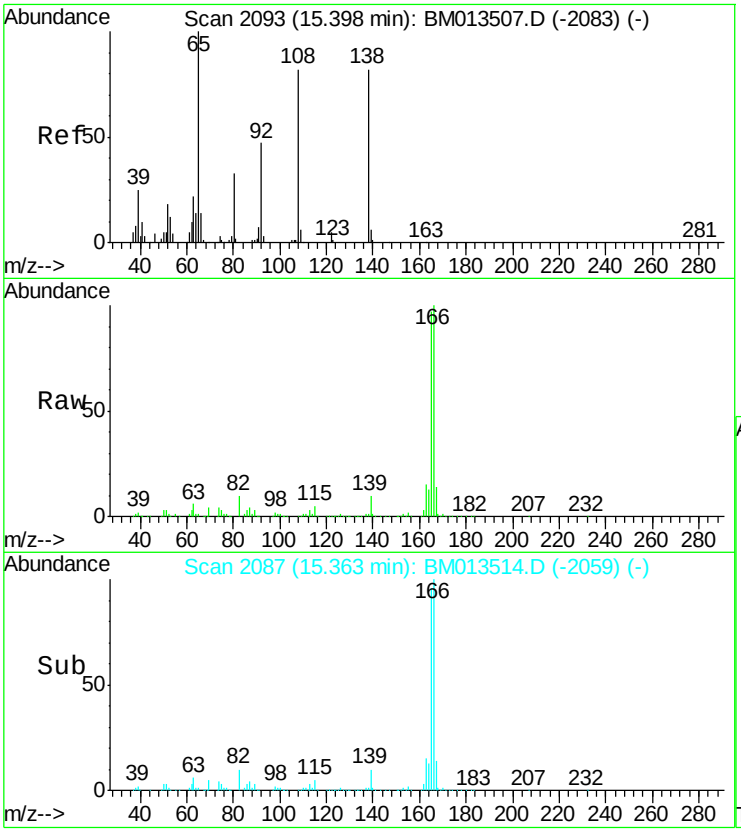


#58
Fluorene
Concen: 21.291 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:166 Resp: 710085

Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.9	116.9
167	12.9	10.6	16.0



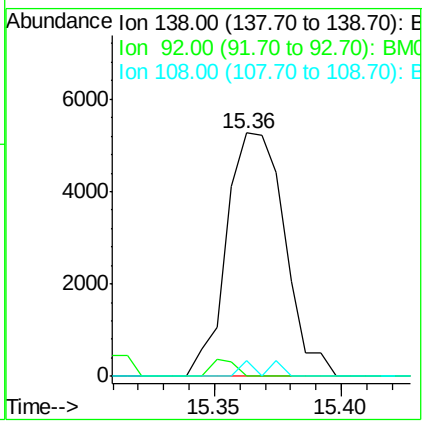


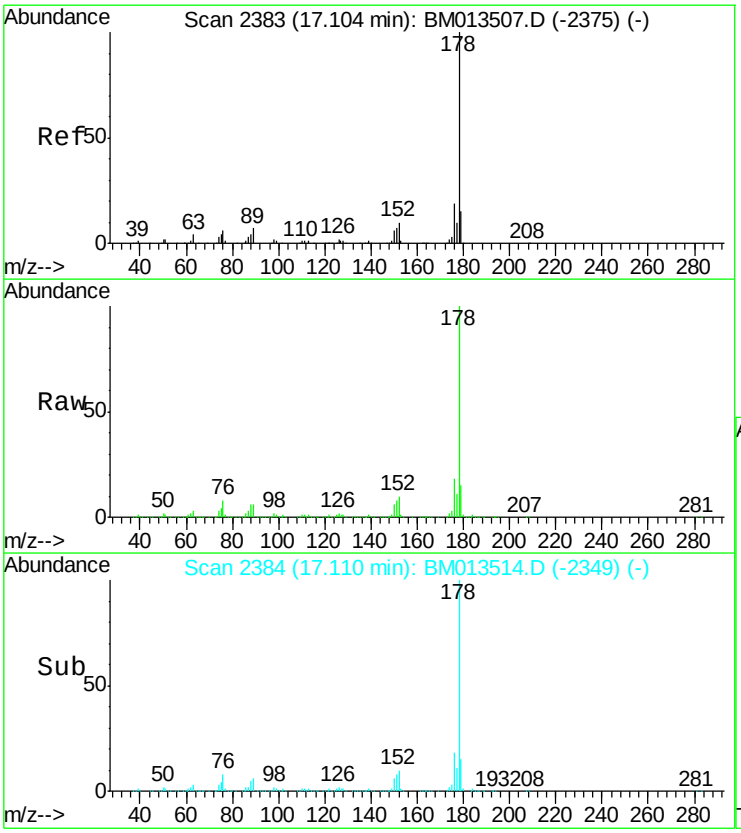
#60
4-Nitroaniline
Concen: 1.160 ng/ul
RT: 15.36 min Scan# 2087
Delta R.T. -0.04 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 8380

Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.0	60.0#
108	6.7	80.0	120.0#

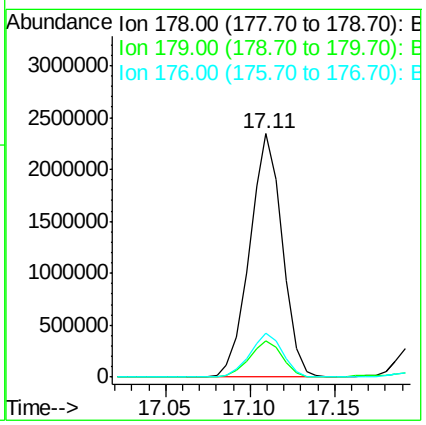


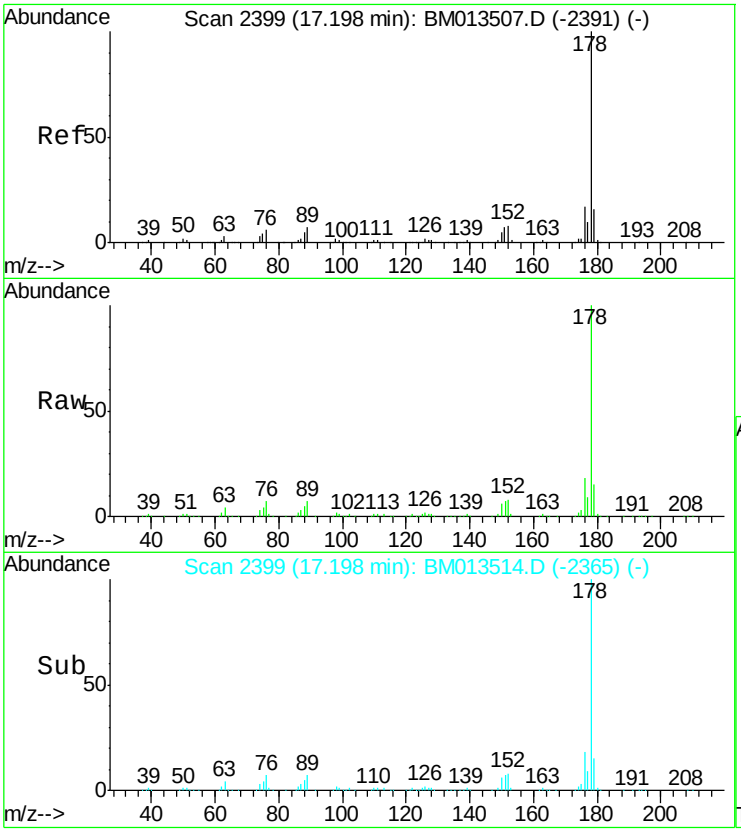


#69
Phenanthrene
Concen: 60.637 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. 0.01 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:178 Resp: 3135055

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	17.9	14.9	22.3



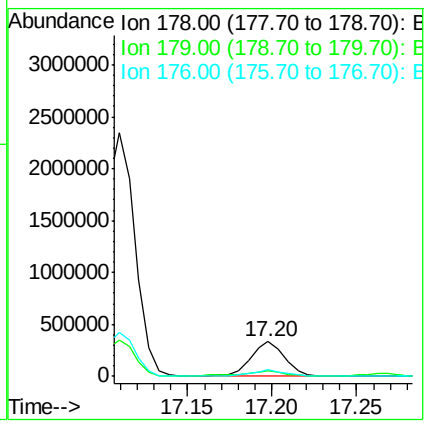


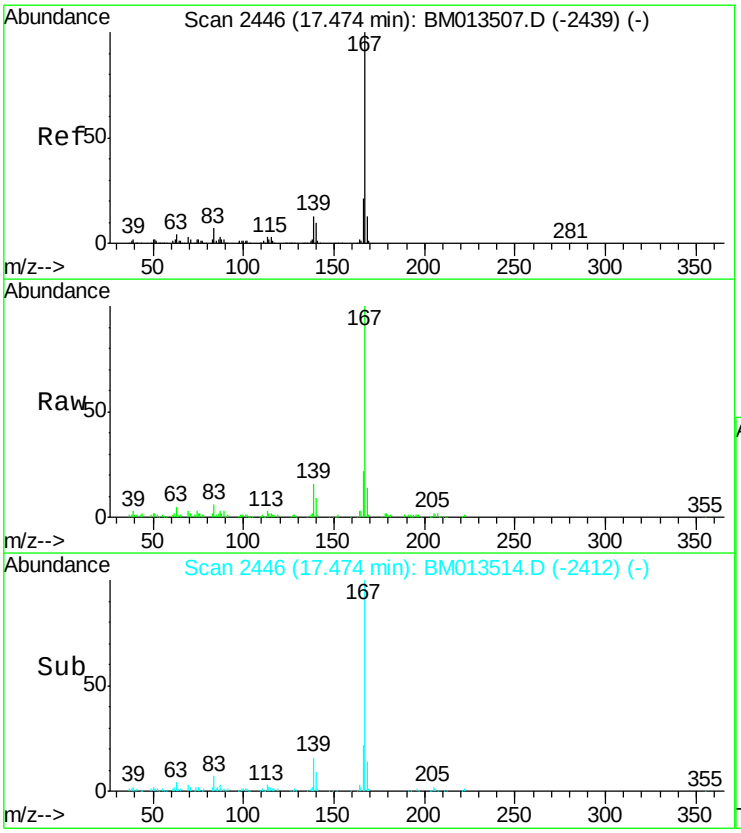
#71
Anthracene
Concen: 8.670 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 458209

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.2	14.6	21.8

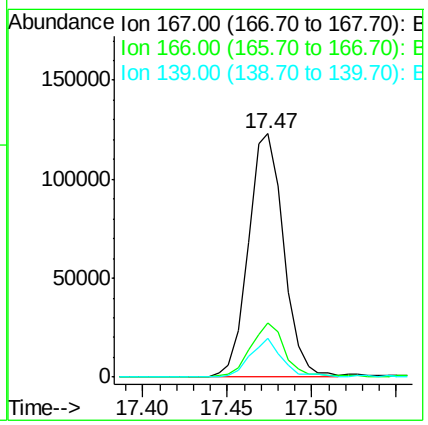


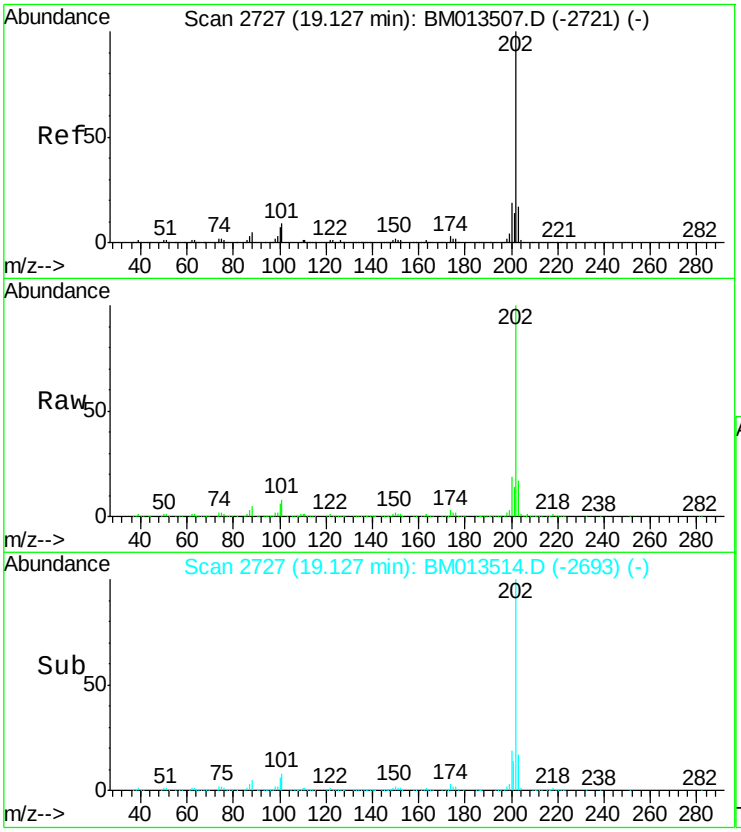


#72
Carbazole
Concen: 3.932 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:167 Resp: 178729

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



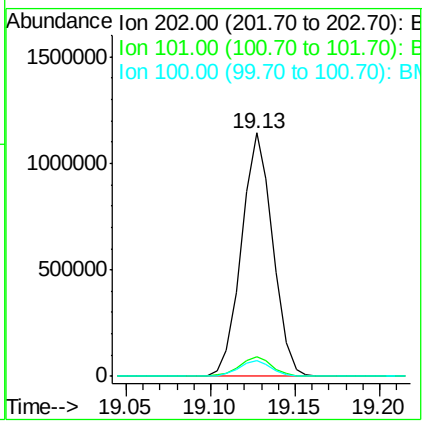


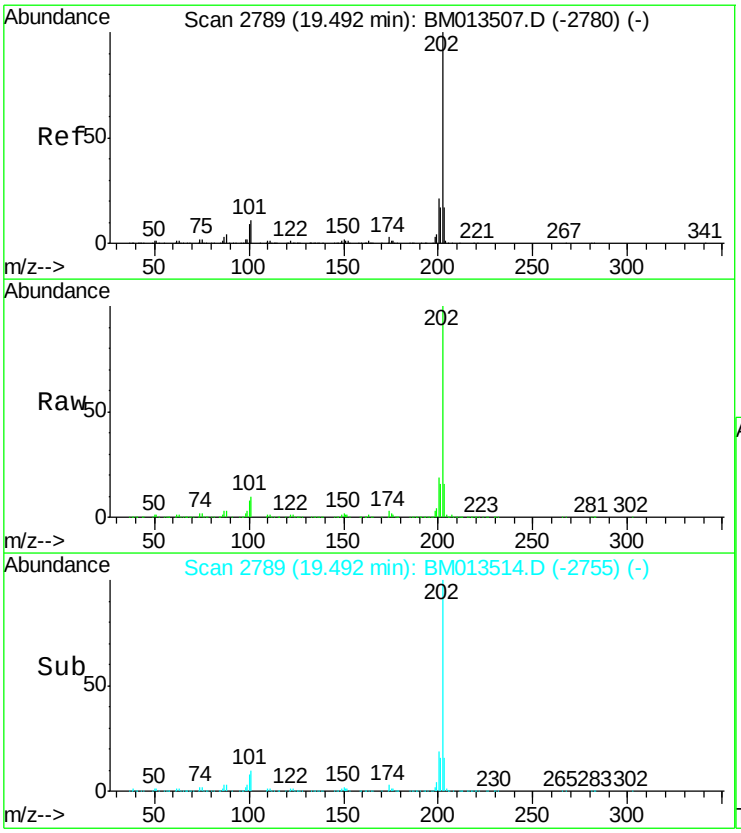
#74
Fluoranthene
Concen: 23.247 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1472934

Ion	Ratio	Lower	Upper
202	100		
101	8.3	4.6	7.0#
100	6.5	3.4	5.2#

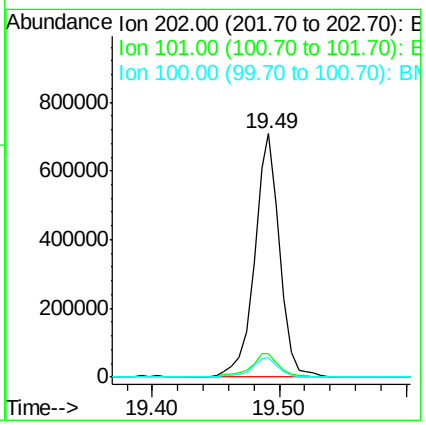


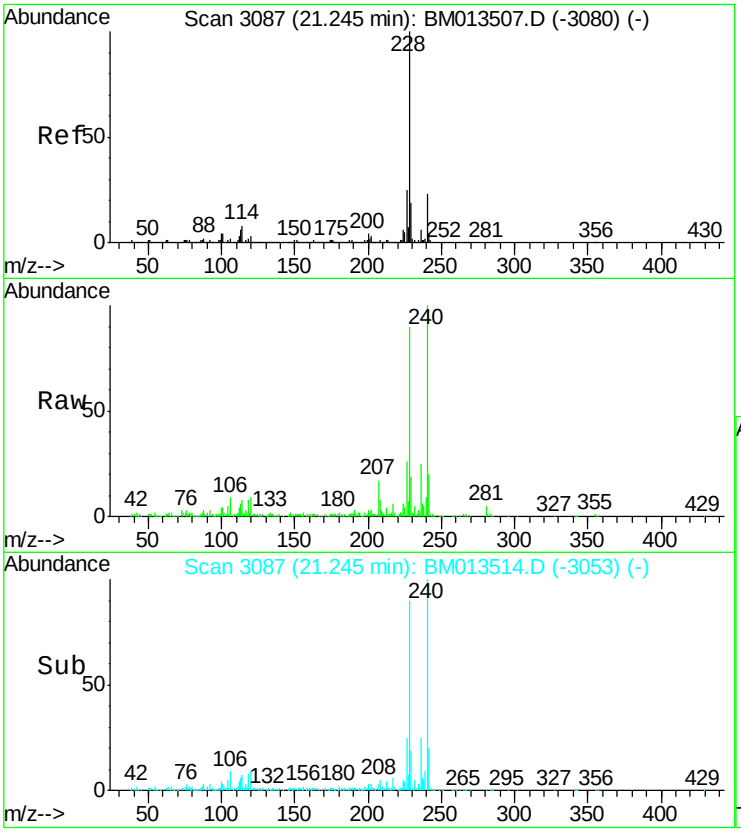


#77
Pyrene
Concen: 19.590 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:202 Resp: 969821

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.1	7.7#
100	8.3	4.9	7.3#



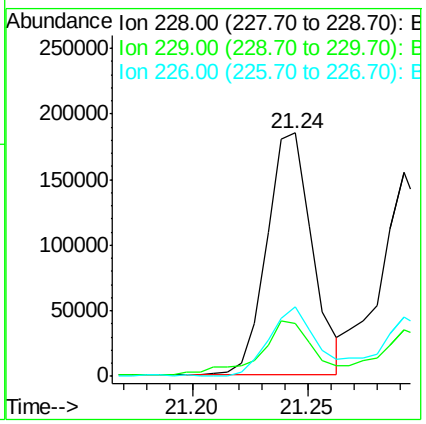


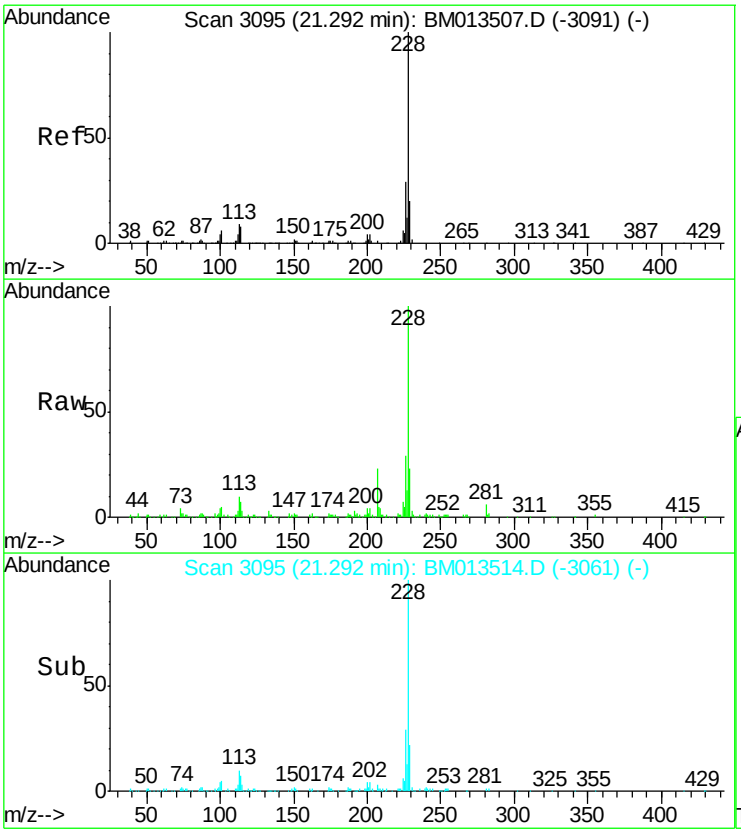
#80
Benzo(a)anthracene
Concen: 4.884 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 252540

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.0
226	28.5	21.4	32.0

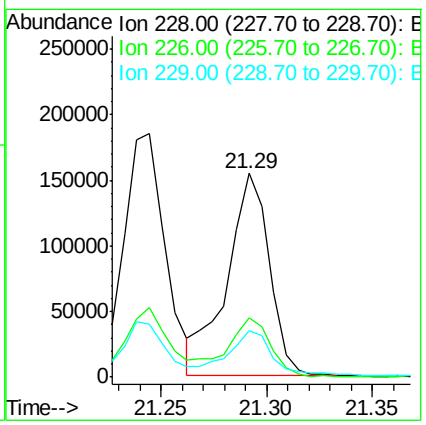


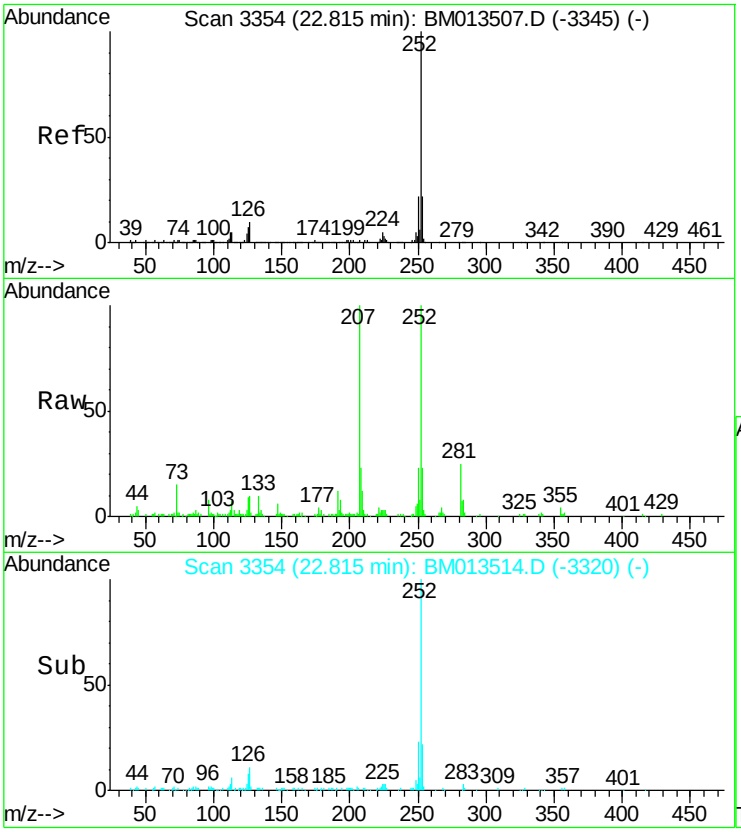


#82
Chrysene
Concen: 4.498 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:228 Resp: 215741

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	22.7	15.5	23.3



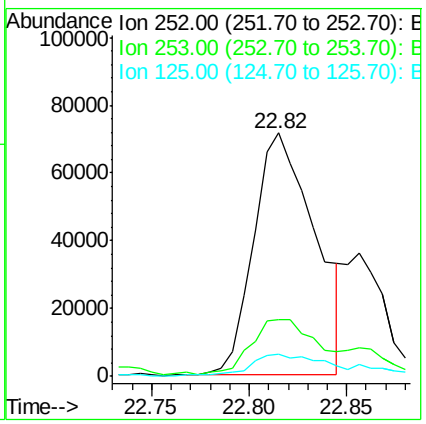


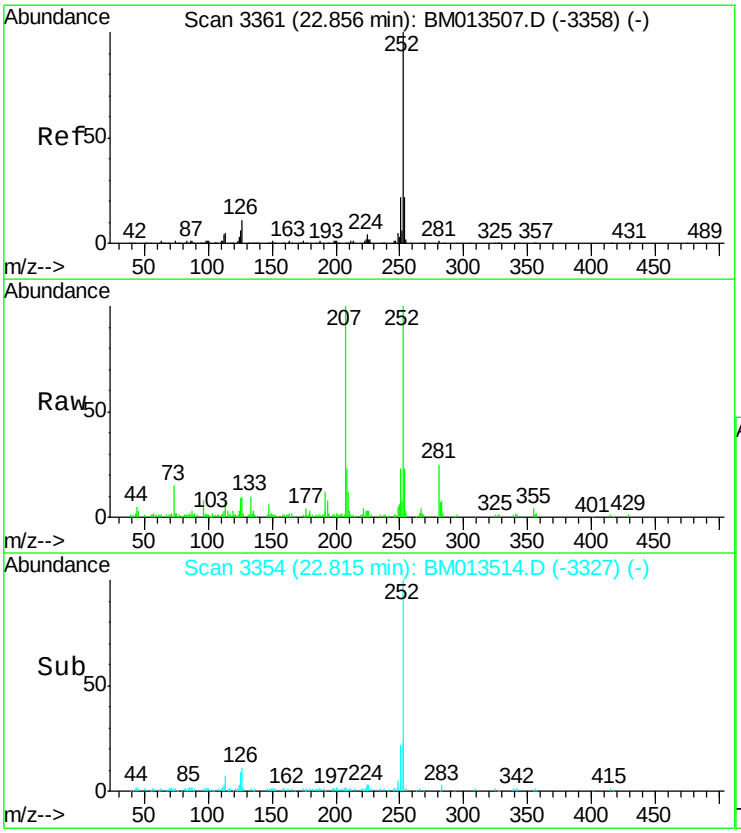
#85
Benzo(b)fluoranthene
Concen: 3.179 ng/ul
RT: 22.82 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 154871

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	8.9	3.6	5.4#

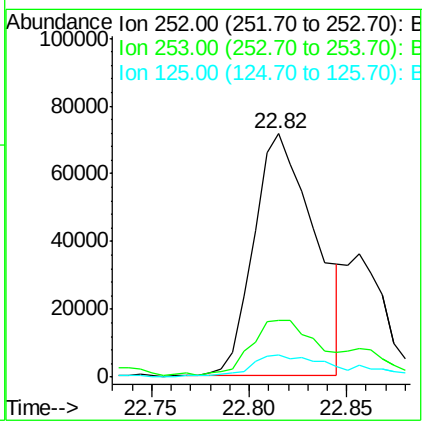


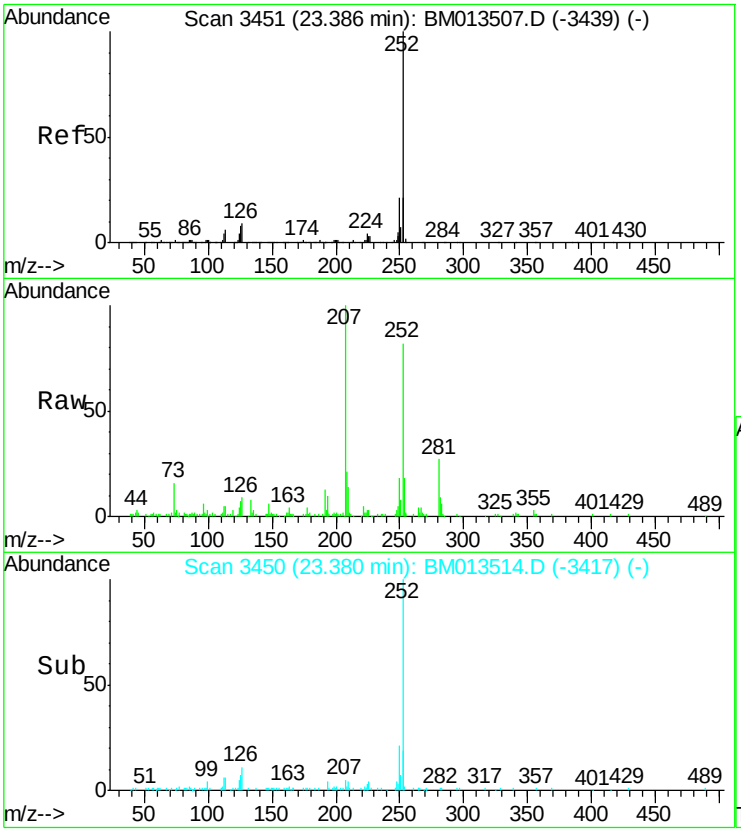


#86
Benzo(k)fluoranthene
Concen: 3.378 ng/ul
RT: 22.82 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:252 Resp: 154871

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	8.9	3.4	5.2#



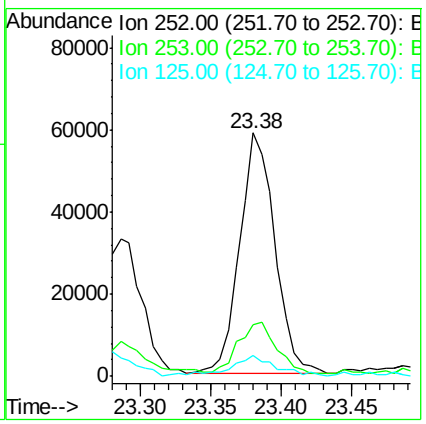


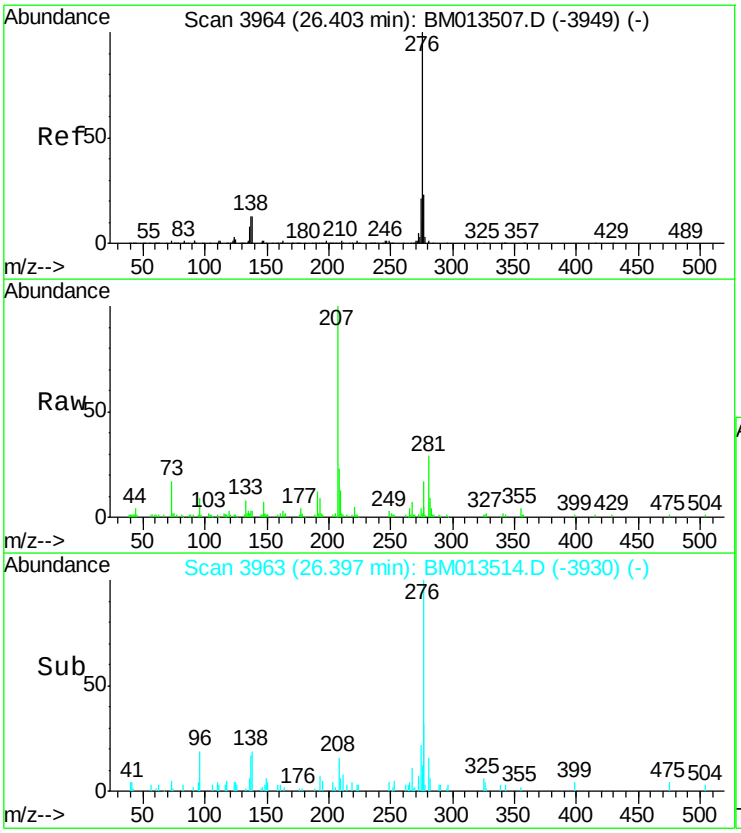
#88
Benzo(a)pyrene
Concen: 2.333 ng/ul
RT: 23.38 min Scan# 3450
Delta R.T. -0.01 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 102119

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	8.4	4.0	6.0#





#91
Benzo(g,h,i)perylene
Concen: 1.029 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. -0.01 min
Lab File: BM013514.D
Acq: 19 Dec 2017 15:53

Tgt Ion:276 Resp: 35252

Ion	Ratio	Lower	Upper
276	100		
138	19.5	8.5	12.7#
277	32.2	18.6	28.0#