Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
Data File : BM013395.D
Acq On : 14 Dec 2017 03:54
Operator : SJ/JU
Sample : I6758-13ME 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 14 06:04:27 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 06:00:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	151560	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	660824	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	431592	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1128849	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1517807	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1462140	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1756	0.57	ng/uL	0.00
5) Phenol-d5	6.86	99	42041	3.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	27296	3.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	35680	3.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	35320	3.15	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	19199	3.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	18487	3.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	35601	3.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	50532	4.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	153135	3.99	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	174803	3.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	12243	1.83	ng/ul	0.00
57) Fluorene-d10	15.32	176	133566	4.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	11339	1.60	ng/ul	0.00
70) Anthracene-d10	17.17	188	219067	3.87	ng/ul	0.00
76) Pyrene-d10	19.47	212	272477	3.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	258259	3.47	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.51	128	3202429	94.193	ng/ul	99
30) 4-Chloroaniline	10.52	127	413959	40.252	ng/ul#	24
34) 2-Methylnaphthalene	12.13	142	675487	26.430	ng/ul	95
40) 1,1'-Biphenyl	13.15	154	187689	5.146	ng/ul	94
47) Acenaphthylene	14.04	152	77801	1.774	ng/ul#	94
49) Acenaphthene	14.39	153	650988	21.788	ng/ul	98
53) Dibenzofuran	14.73	168	747274	16.942	ng/ul	99
58) Fluorene	15.37	166	811707	22.245	ng/ul	98
60) 4-Nitroaniline	15.37	138	9140	1.157	ng/ul#	9
69) Phenanthrene	17.12	178	3988797	62.197	ng/ul	99
71) Anthracene	17.20	178	538497	8.215	ng/ul	98
72) Carbazole	17.48	167	220861	3.917	ng/ul	99
74) Fluoranthene	19.13	202	2140430	27.235	ng/ul#	92
77) Pyrene	19.50	202	1361511	14.765	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	452039	4.694	ng/ul	100
82) Chrysene	21.30	228	379962	4.253	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	306822	3.113	ng/ul#	99
86) Benzo(k)fluoranthene	22.83	252	306822	3.308	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	180649	2.040	ng/ul#	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121317\
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Acq On : 14 Dec 2017 03:54
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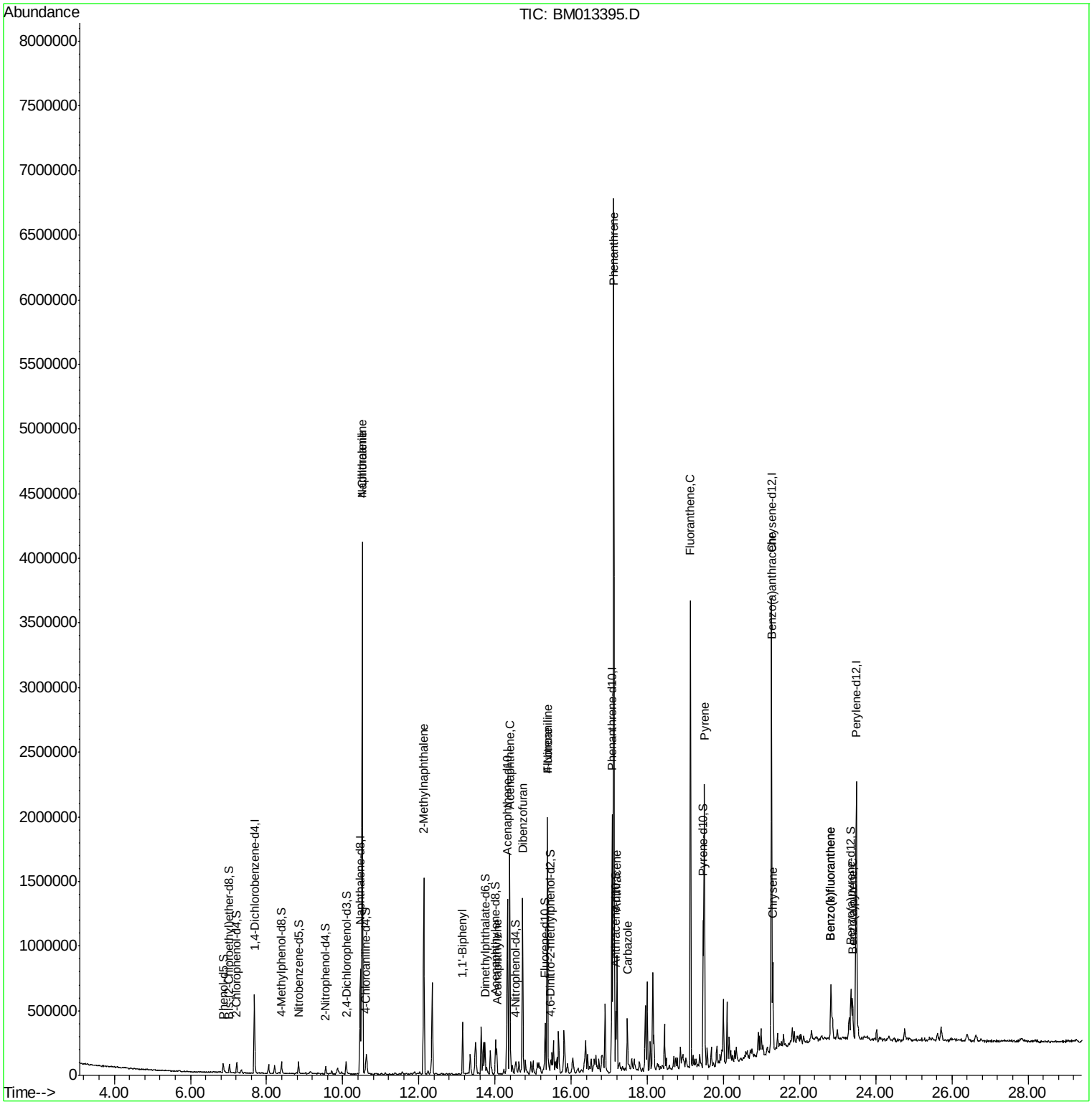
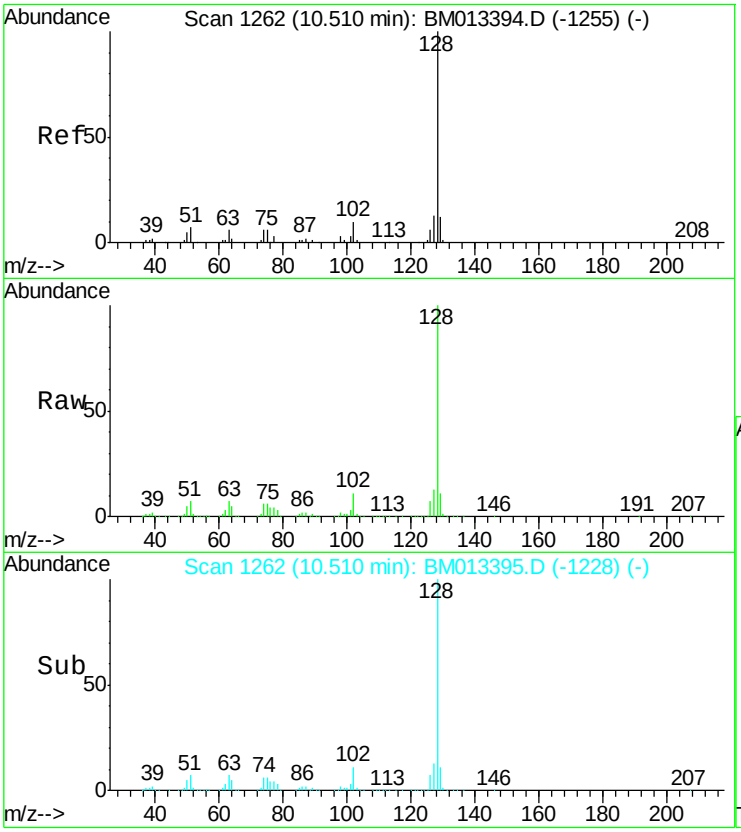
Sample : I6758-13ME 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 14 06:04:27 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 06:00:20 2017
Response via : Initial Calibration



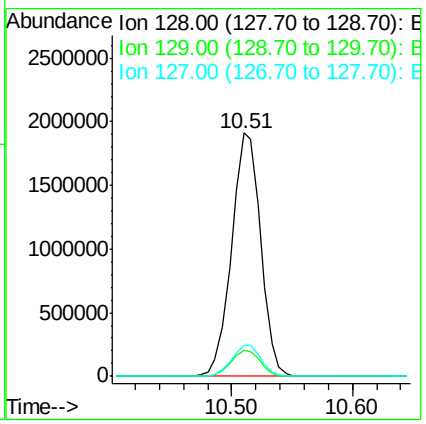


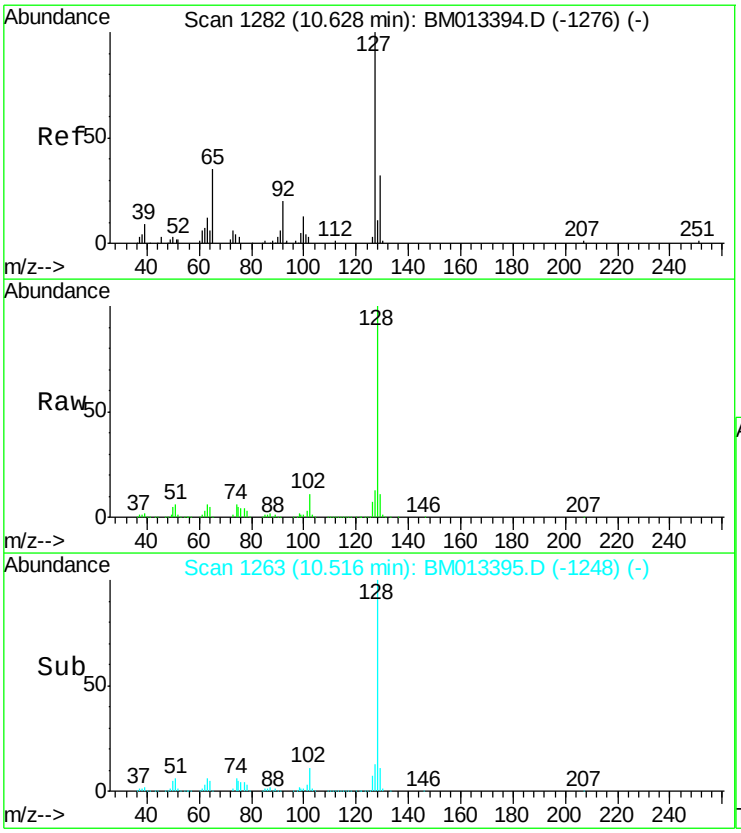
#28
Naphthalene
Concen: 94.193 ng/ul
RT: 10.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 3202429

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.6	16.0

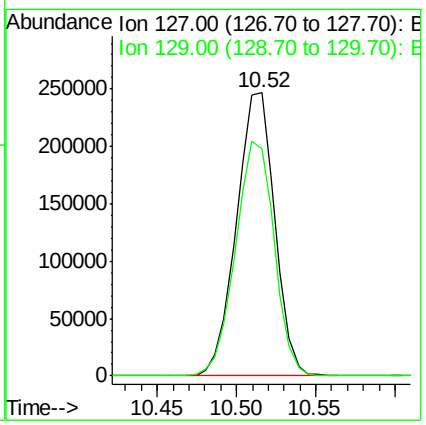


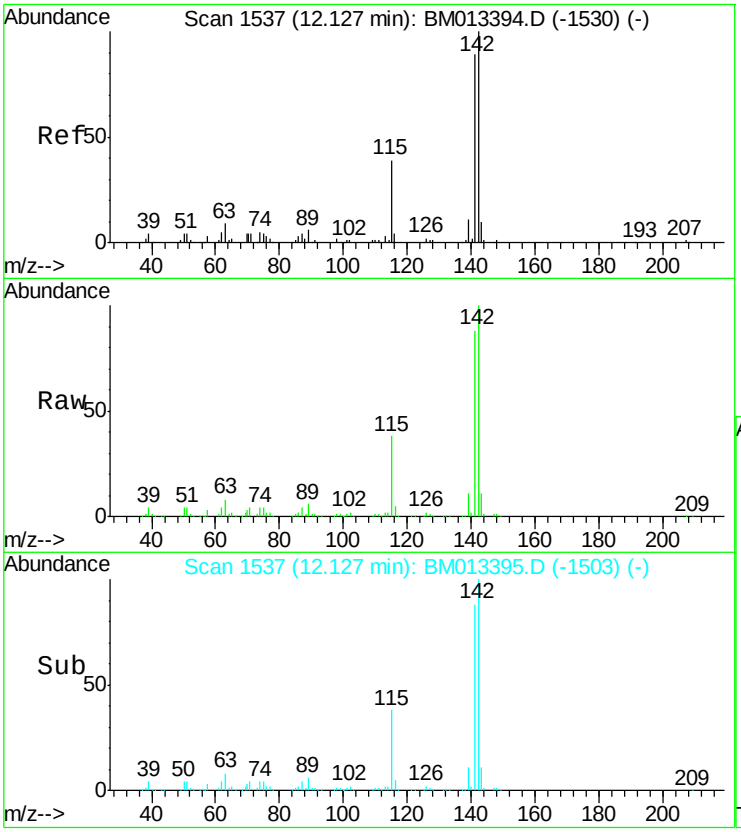


#30
4-Chloroaniline
Concen: 40.252 ng/ul
RT: 10.52 min Scan# 1263
Delta R.T. -0.11 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion:127 Resp: 413959

Ion	Ratio	Lower	Upper
127	100		
129	80.1	28.4	42.6#



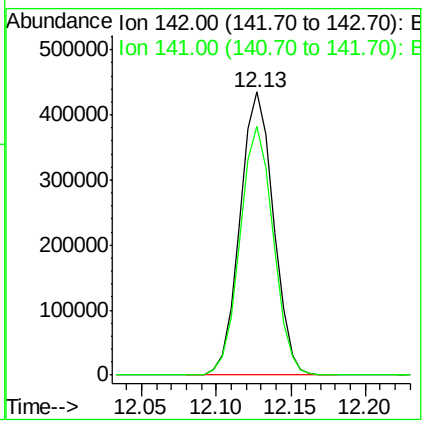


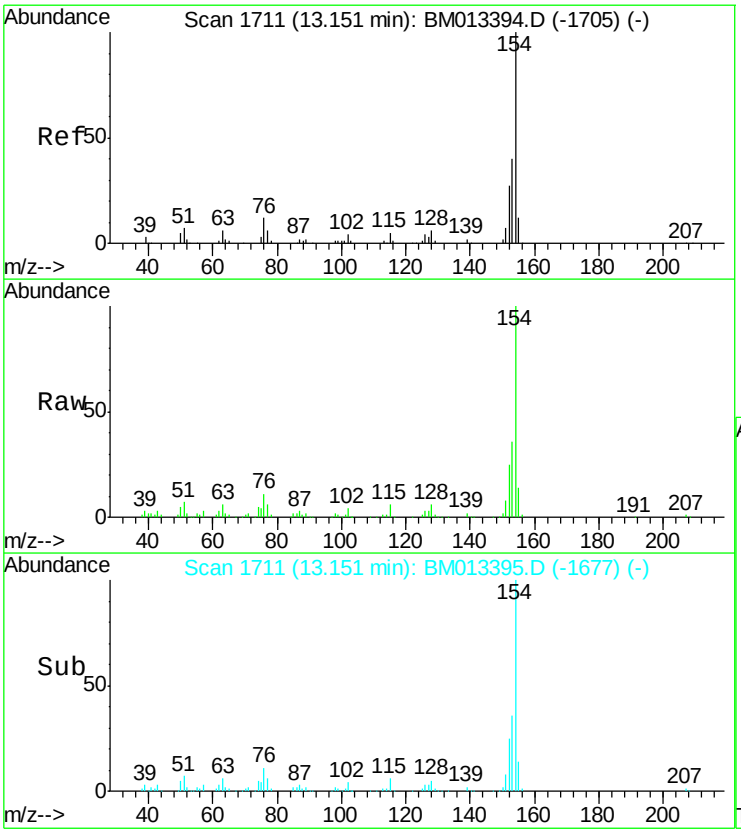
#34
2-Methylnaphthalene
Concen: 26.430 ng/ul
RT: 12.13 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 675487

Ion	Ratio	Lower	Upper
142	100		
141	87.9	74.1	111.1

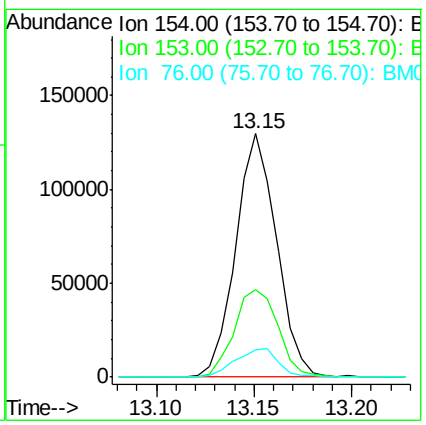


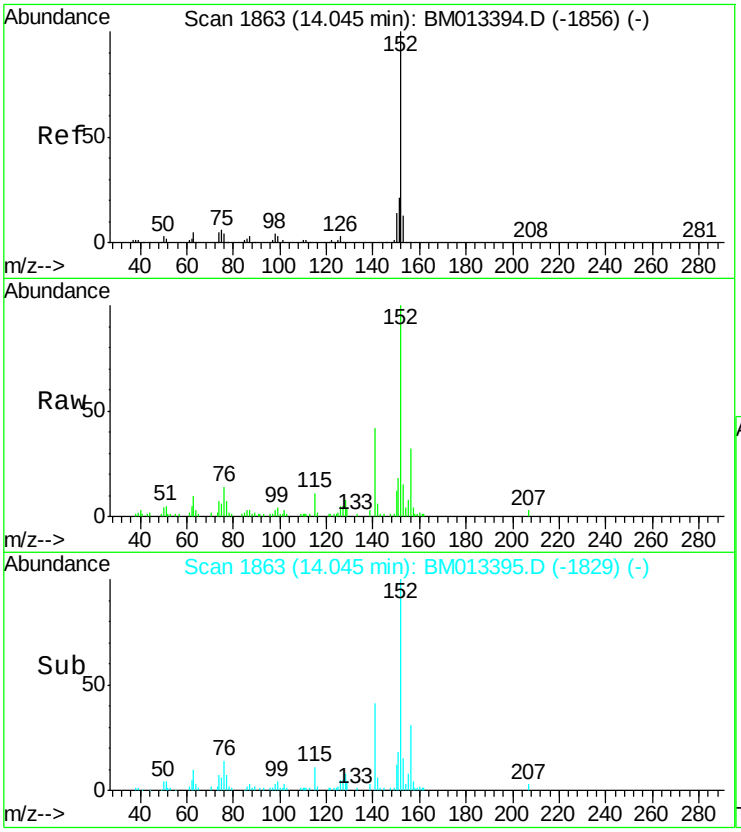


#40
1,1'-Biphenyl
Concen: 5.146 ng/ul
RT: 13.15 min Scan# 1711
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion:154 Resp: 187689

Ion	Ratio	Lower	Upper
154	100		
153	36.2	32.6	48.8
76	11.4	8.5	12.7



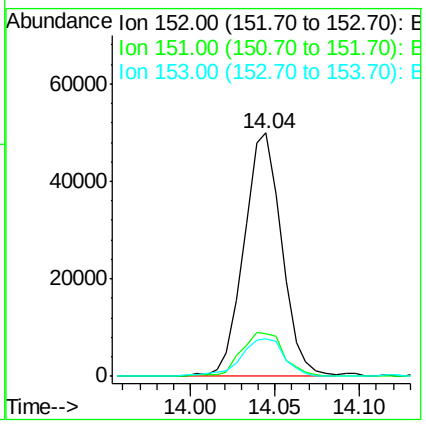


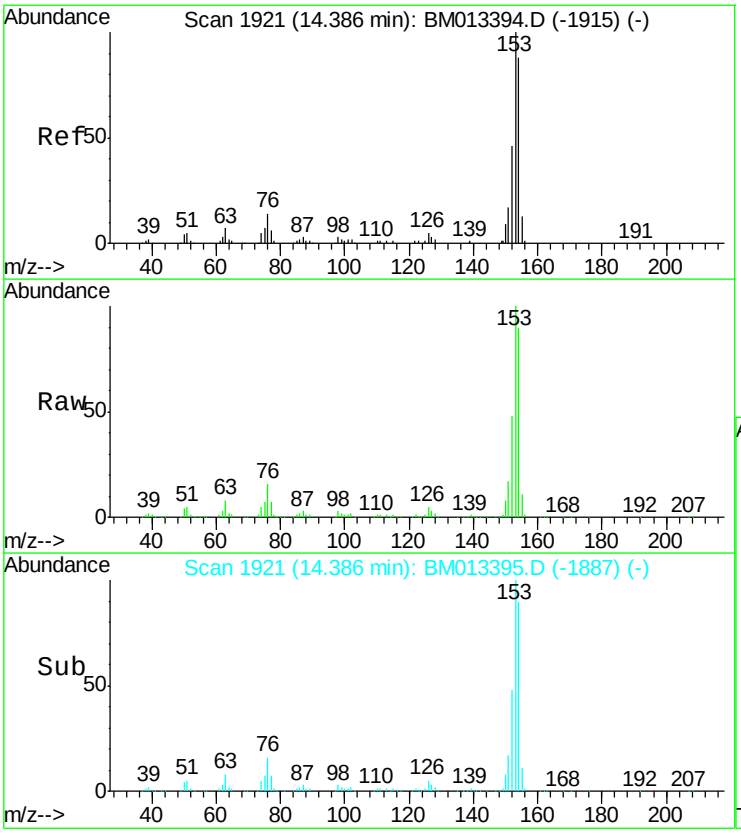
#47
Acenaphthylene
Concen: 1.774 ng/ul
RT: 14.04 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 77801

Ion	Ratio	Lower	Upper
152	100		
151	17.7	16.3	24.5
153	15.4	10.2	15.4#

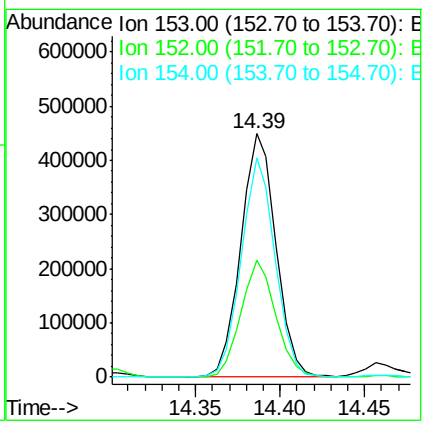


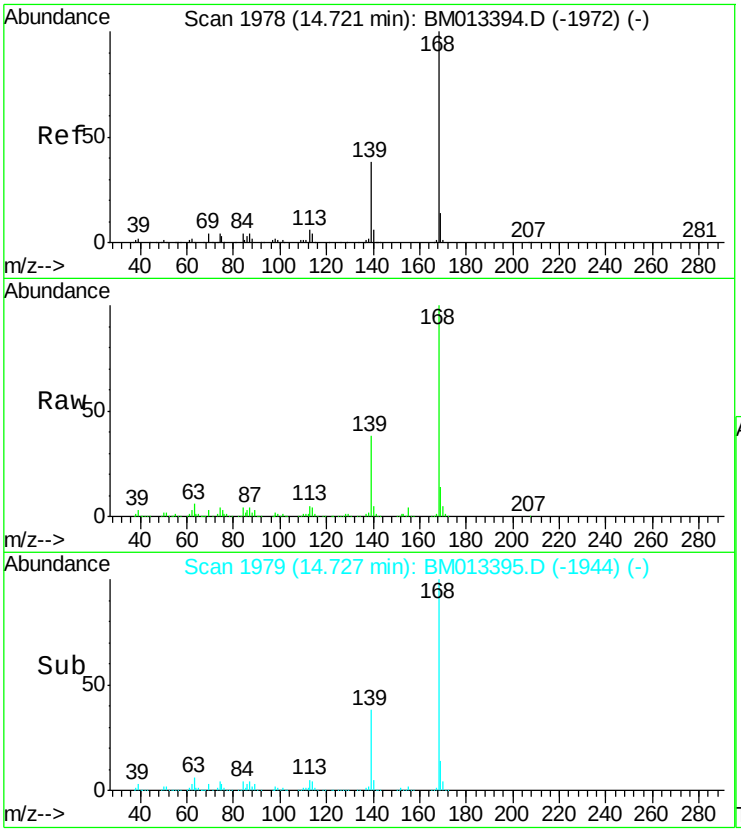


#49
Acenaphthene
Concen: 21.788 ng/ul
RT: 14.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion:153 Resp: 650988

Ion	Ratio	Lower	Upper
153	100		
152	48.0	37.6	56.4
154	90.3	70.4	105.6



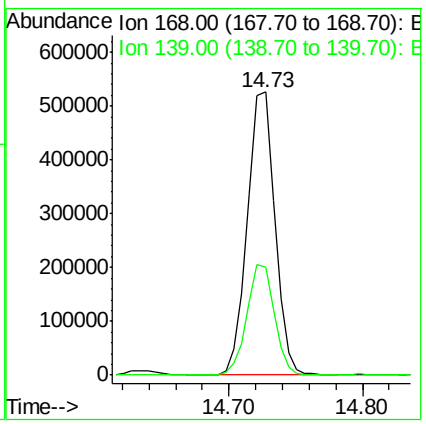


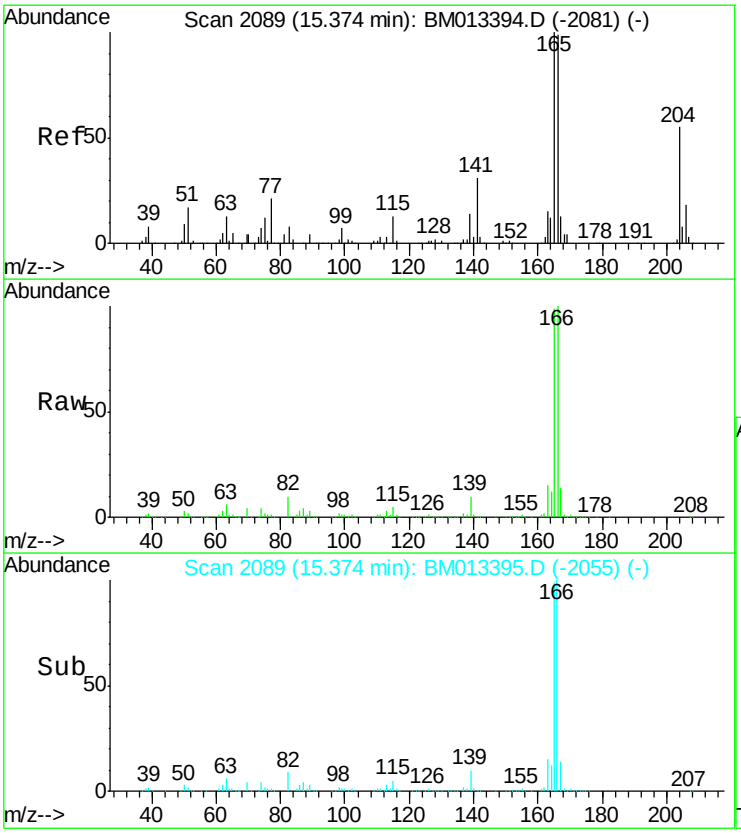
#53
Dibenzofuran
Concen: 16.942 ng/ul
RT: 14.73 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 747274

Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.8	46.2

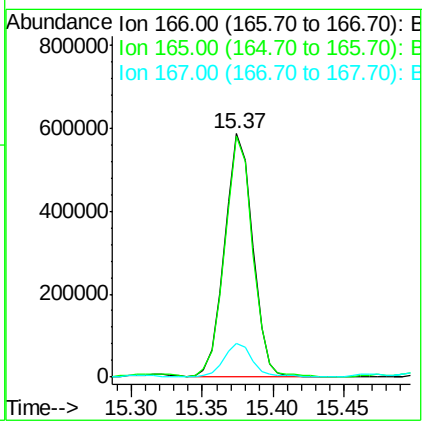


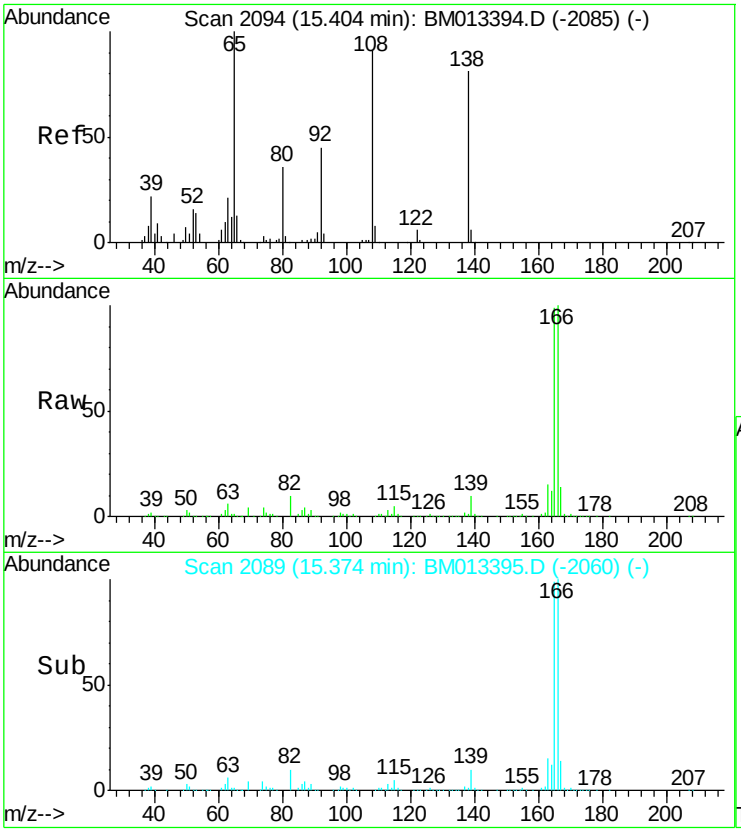


#58
Fluorene
Concen: 22.245 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion:166 Resp: 811707

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.9	116.9
167	13.9	10.6	16.0



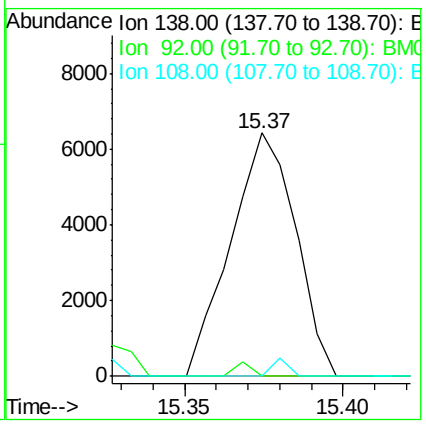


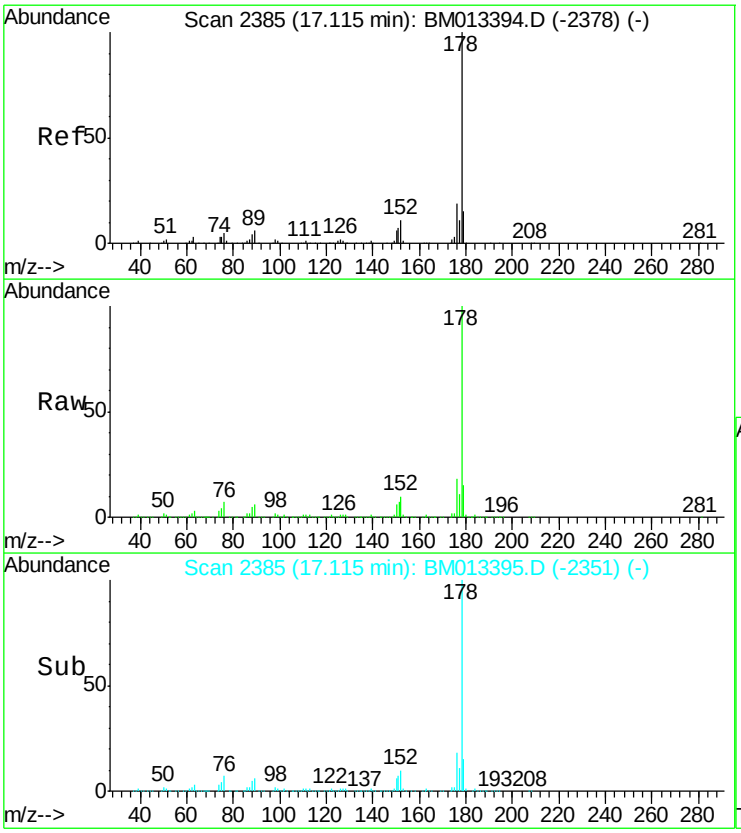
#60
4-Nitroaniline
Concen: 1.157 ng/ul
RT: 15.37 min Scan# 2089
Delta R.T. -0.03 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 9140

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

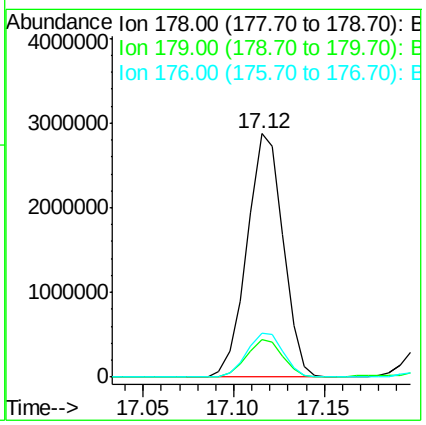


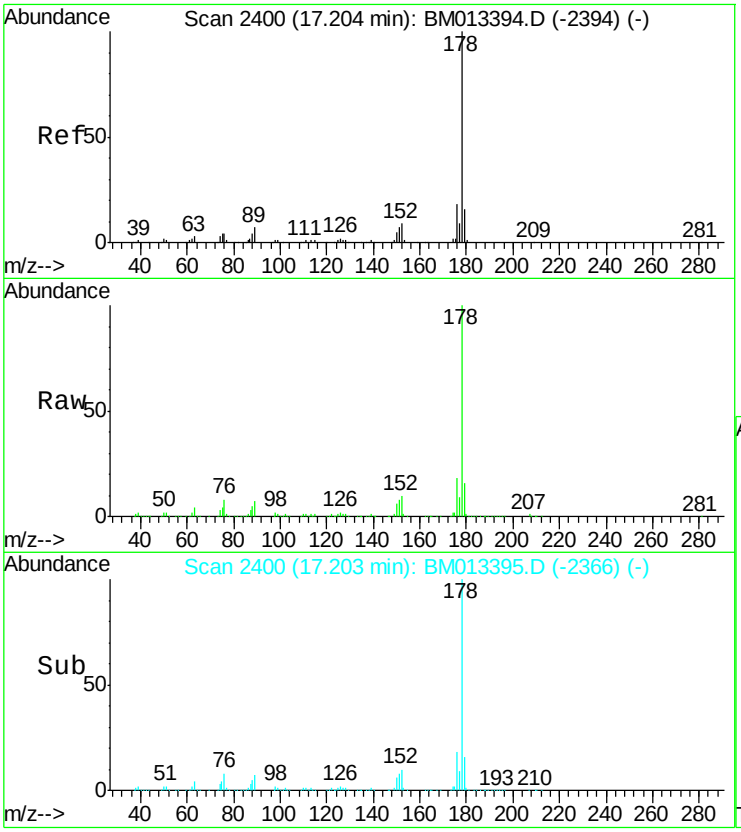


#69
Phenanthrene
Concen: 62.197 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion:178 Resp: 3988797

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.2	14.9	22.3



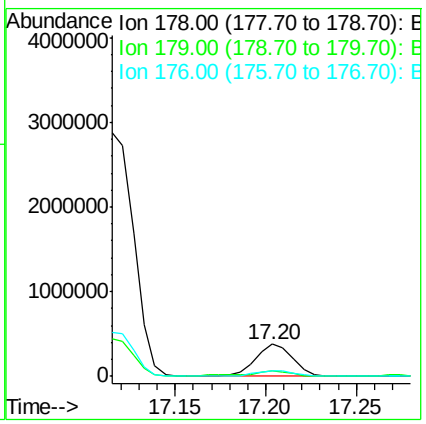


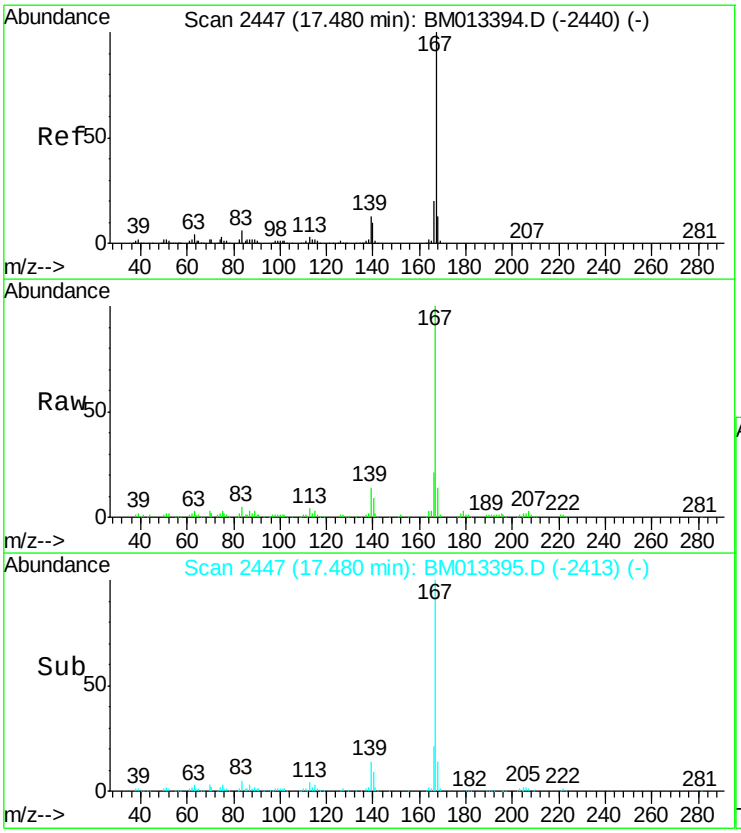
#71
Anthracene
Concen: 8.215 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 538497

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	18.3	14.6	21.8

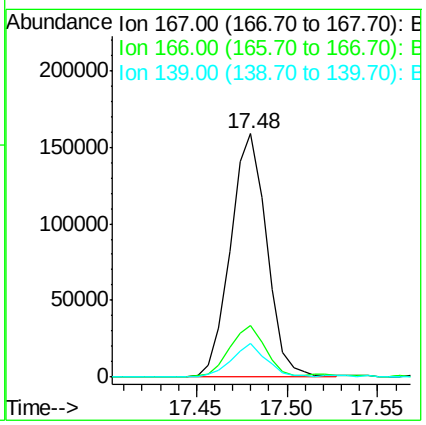


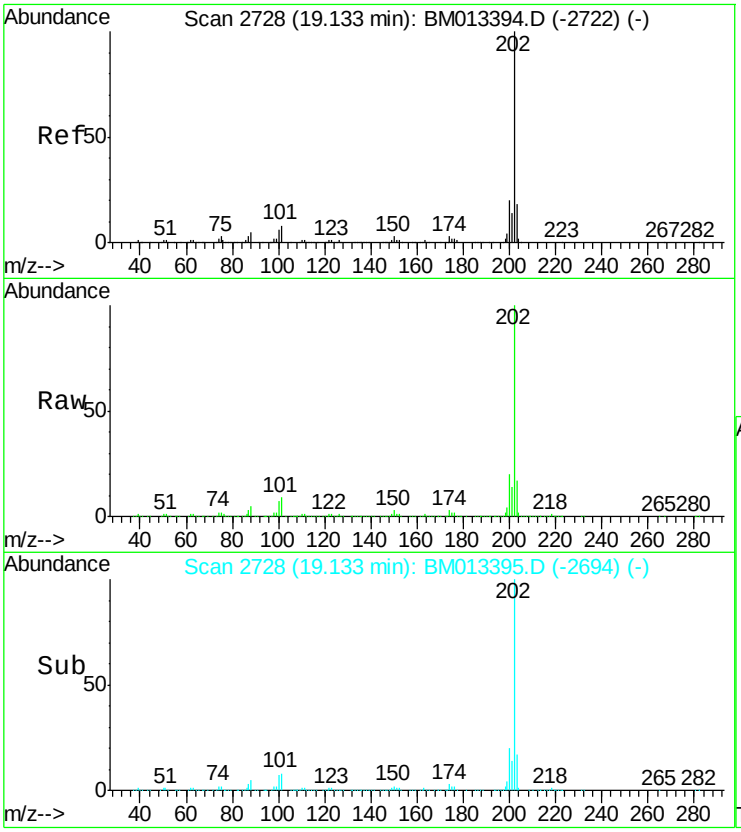


#72
Carbazole
Concen: 3.917 ng/ul
RT: 17.48 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion:167 Resp: 220861

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	13.6	10.0	15.0



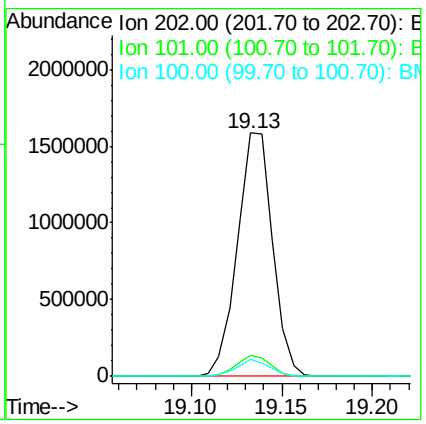


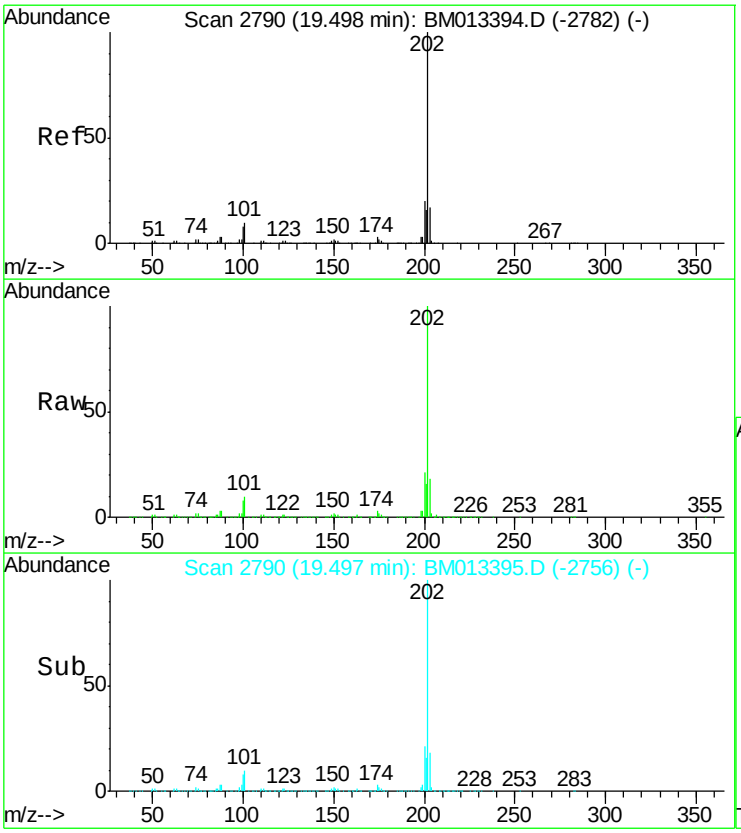
#74
Fluoranthene
Concen: 27.235 ng/ul
RT: 19.13 min Scan# 2728
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2140430

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	7.0	3.4	5.2#

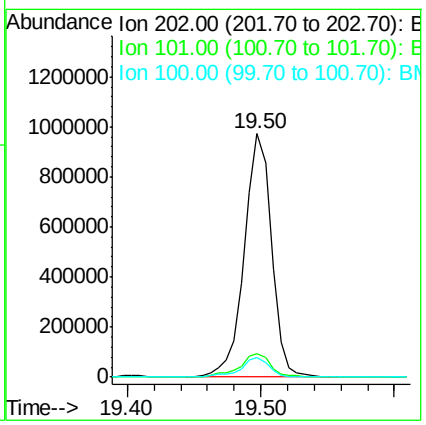


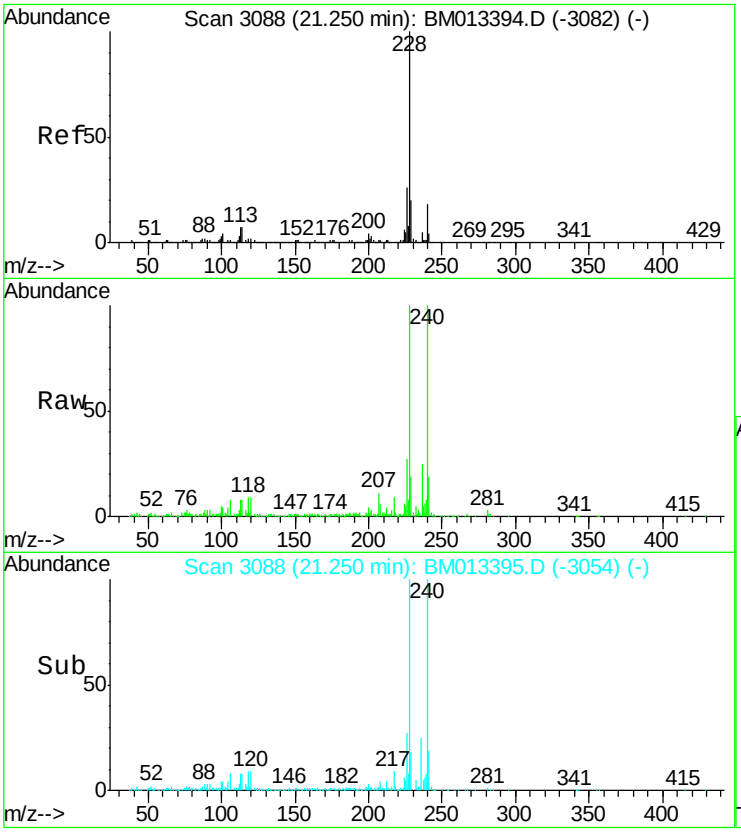


#77
Pyrene
Concen: 14.765 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion:202 Resp: 1361511

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.1	4.9	7.3#



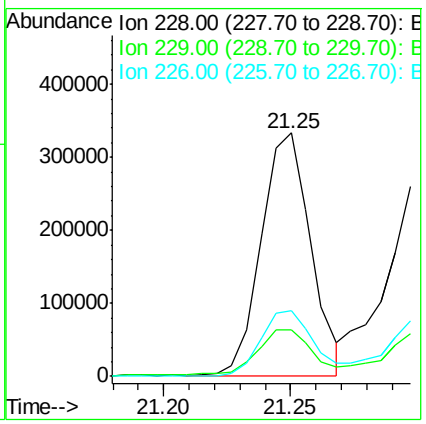


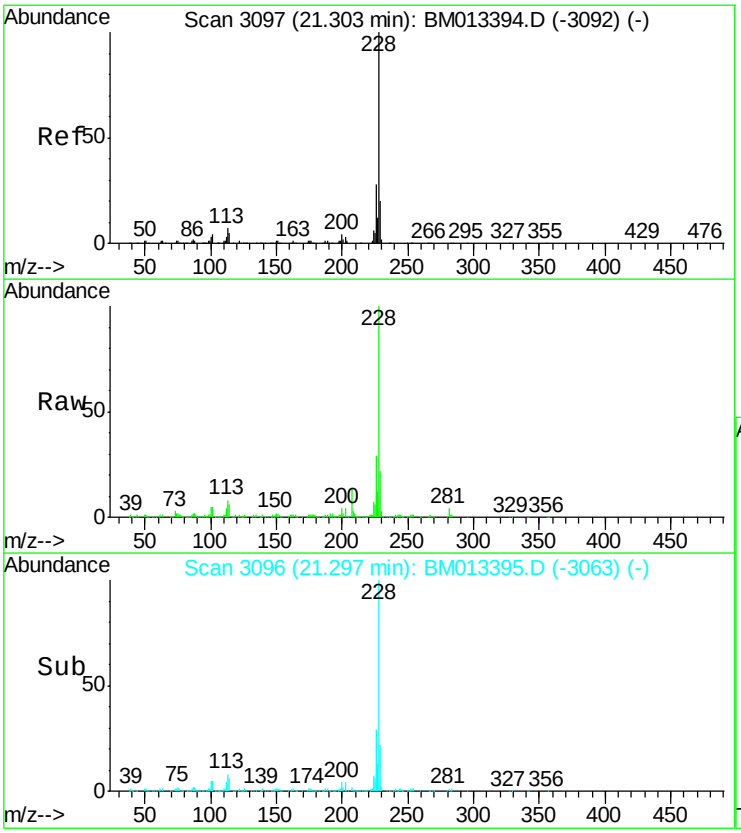
#80
Benzo(a)anthracene
Concen: 4.694 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 452039

Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.4	23.0
226	26.8	21.4	32.0

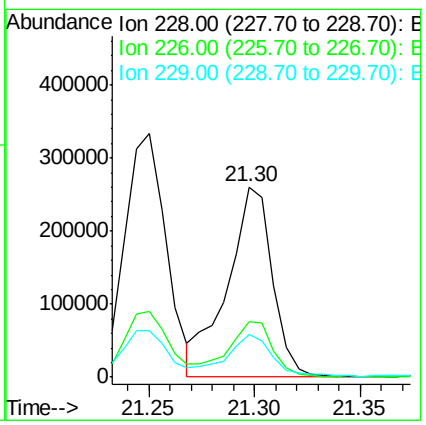


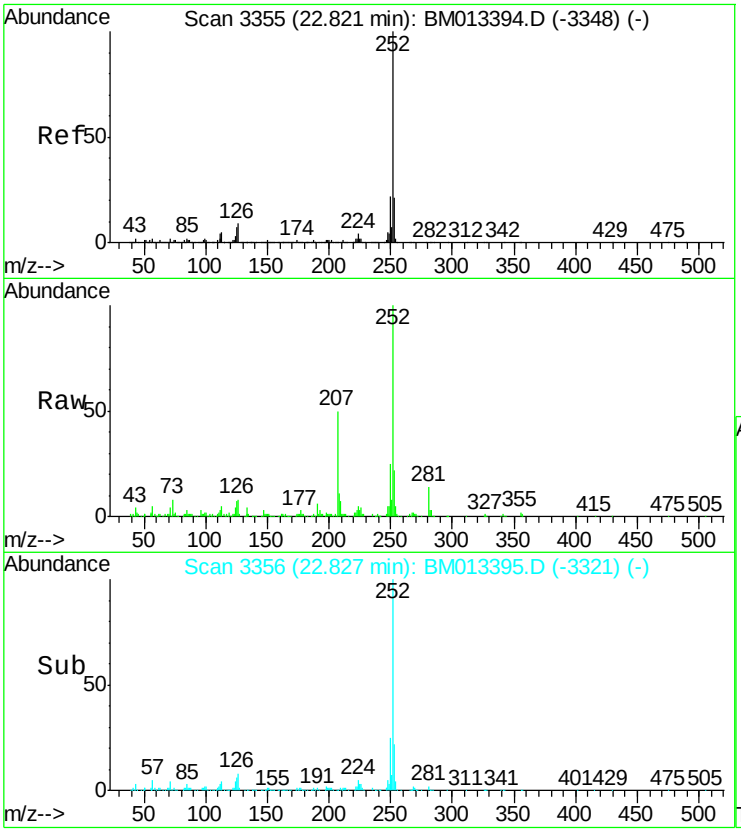


#82
Chrysene
Concen: 4.253 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion:228 Resp: 379962

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	22.3	15.5	23.3



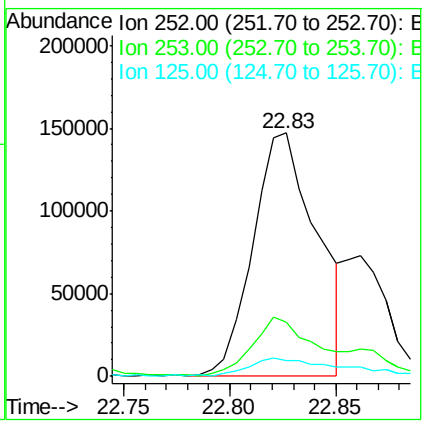


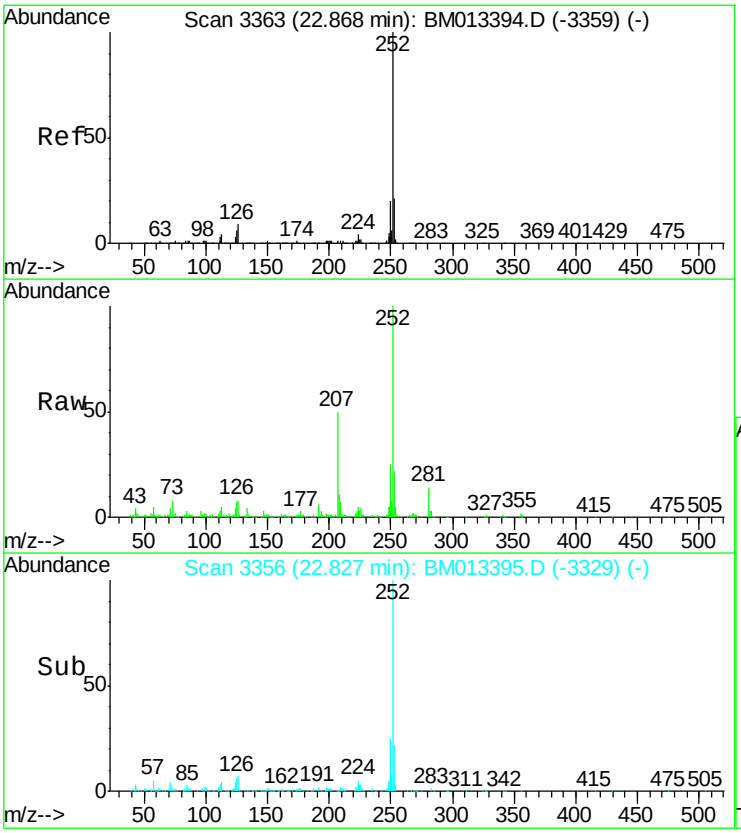
#85
Benzo(b)fluoranthene
Concen: 3.113 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 306822

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	6.6	3.6	5.4#

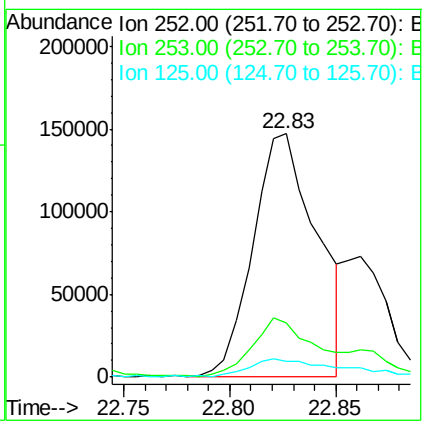


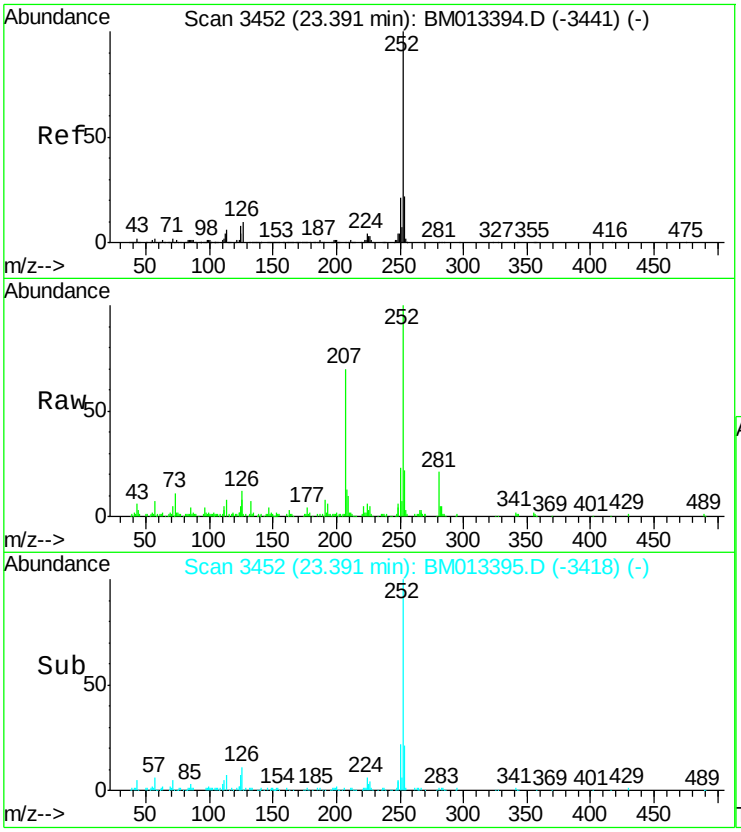


#86
Benzo(k)fluoranthene
Concen: 3.308 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.04 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Tgt Ion:252 Resp: 306822

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	6.6	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 2.040 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM013395.D
Acq: 14 Dec 2017 03:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 180649

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.7	4.0	6.0#