Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
Data File : BM010573.D
Acq On : 13 Jun 2017 22:57
Operator : SJ/MA
Sample : I3521-08 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 14 01:50:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	106327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	401260	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	277705	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	717460	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1014685	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	976229	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	523	0.20	ng/uL	0.02
5) Phenol-d5	7.06	99	13623	1.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	8850	1.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	12280	1.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	12076	1.86	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	5927	2.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	7475	2.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	15179	2.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	24583	3.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	61387	2.66	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	60831	2.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	6600	1.91	ng/ul	0.00
57) Fluorene-d10	15.51	176	53277	2.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	9084	1.79	ng/ul	0.00
70) Anthracene-d10	17.37	188	87776	2.51	ng/ul	0.00
76) Pyrene-d10	19.66	212	115993	2.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	112041	2.47	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.73	128	3453599	171.60	ng/ul	100
30) 4-Chloroaniline	10.73	127	461686	70.88	ng/ul#	23
34) 2-Methylnaphthalene	12.34	142	2890231	189.41	ng/ul	98
40) 1,1'-Biphenyl	13.35	154	990566	43.97	ng/ul	98
44) Dimethylphthalate	13.98	163	53740	2.37	ng/ul	99
47) Acenaphthylene	14.25	152	96186	3.66	ng/ul	97
49) Acenaphthene	14.59	153	3209526	173.98	ng/ul	99
53) Dibenzofuran	14.92	168	4188624	153.55	ng/ul	94
58) Fluorene	15.57	166	4387509	196.08	ng/ul	98
69) Phenanthrene	17.40	178	1788966	46.71	ng/ul	99
71) Anthracene	17.40	178	1788966	44.74	ng/ul	99
72) Carbazole	17.69	167	422222	12.48	ng/ul	97
74) Fluoranthene	19.33	202	11734750	249.14	ng/ul	99
77) Pyrene	19.69	202	7372628	141.00	ng/ul#	94
80) Benzo(a)anthracene	21.42	228	2058311	35.97	ng/ul	99
82) Chrysene	21.47	228	1704800	32.96	ng/ul	97
85) Benzo(b)fluoranthene	23.06	252	979992	17.25	ng/ul#	98
86) Benzo(k)fluoranthene	23.06	252	979992	18.06	ng/ul#	98
88) Benzo(a)pyrene	23.56	252	387978	6.89	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	26.14	276	238410	3.35	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.13	278	68809	1.12	ng/ul#	90
91) Benzo(g,h,i)perylene	26.88	276	154345	2.63	ng/ul#	94

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
Data File : BM010573.D
Acq On : 13 Jun 2017 22:57
Operator : SJ/MA
Sample : I3521-08 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 14 01:50:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
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\BM061317\
Data File : BM010573.D
Acq On : 13 Jun 2017 22:57
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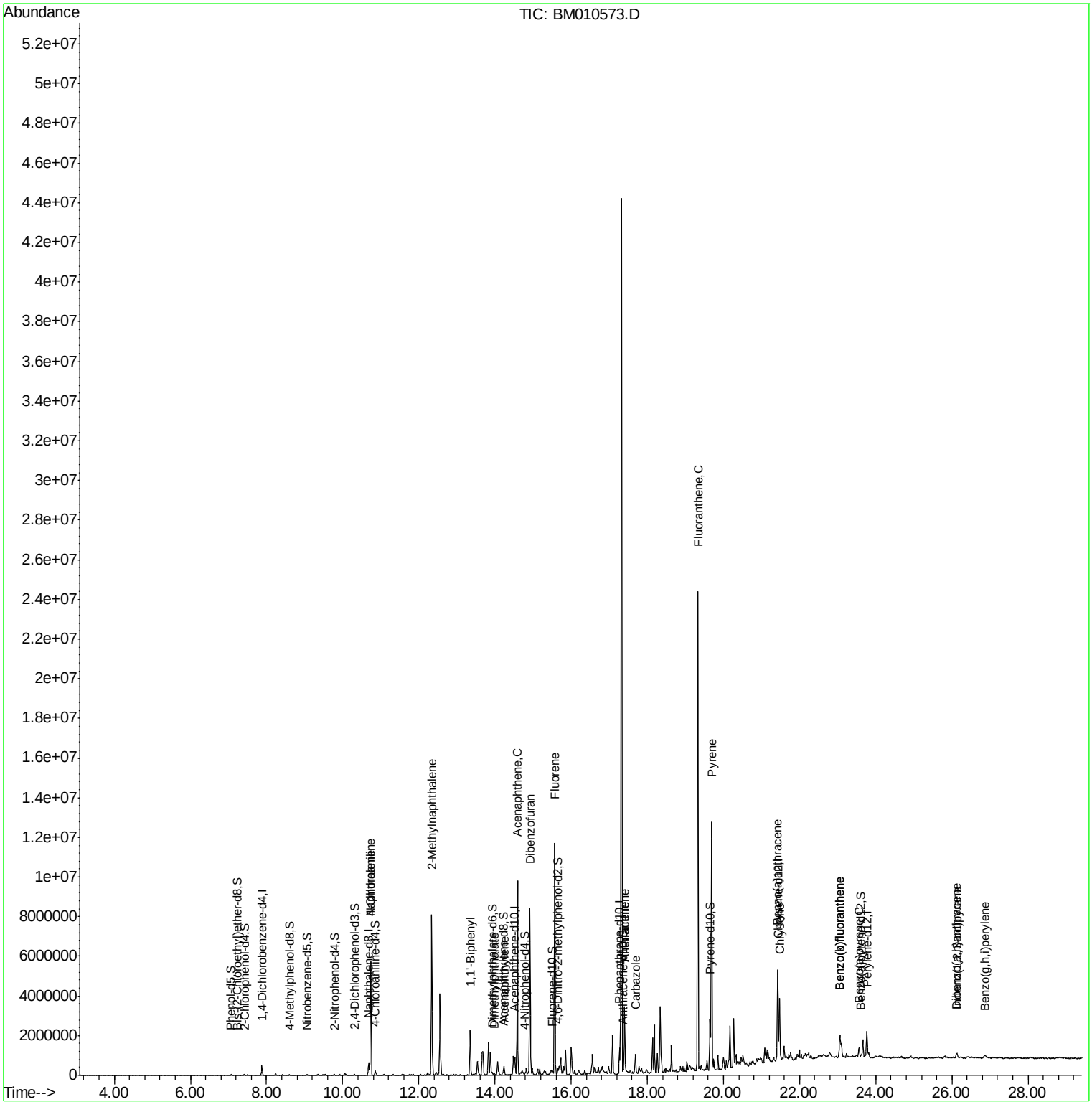
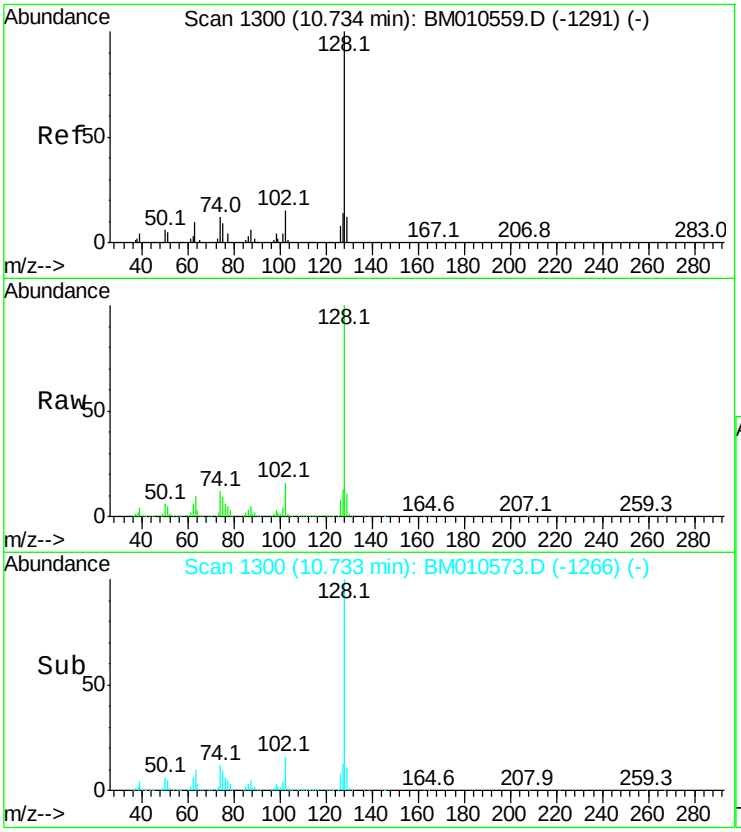
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration



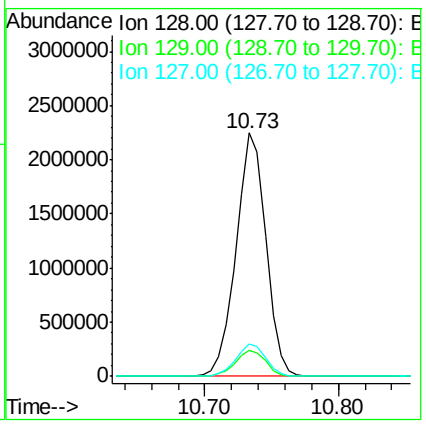


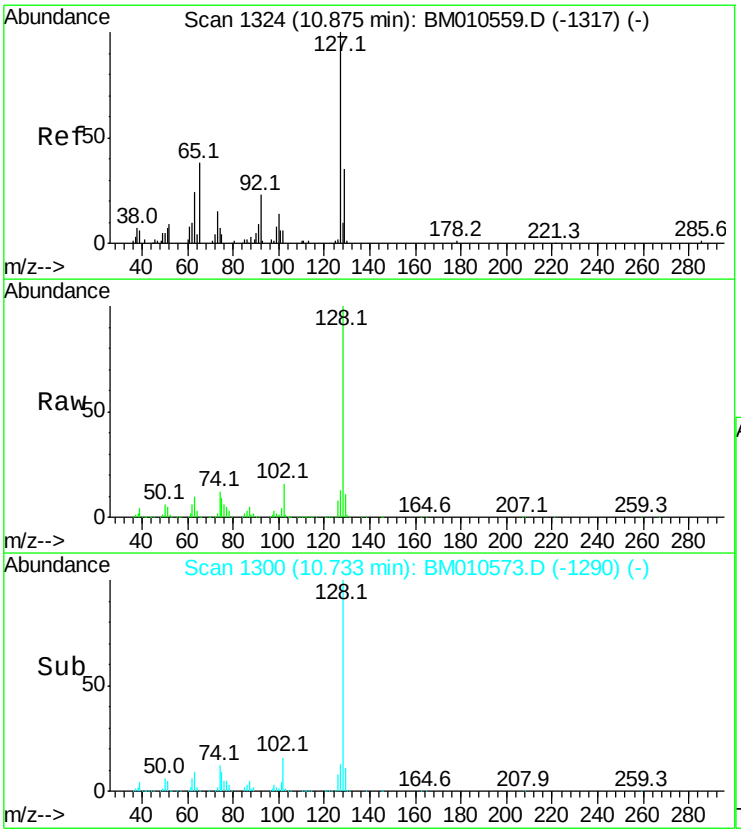
#28
Naphthalene
Concen: 171.60 ng/ul
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 3453599

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.3	10.6	16.0

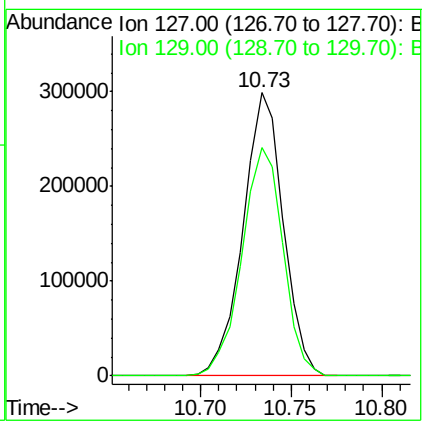


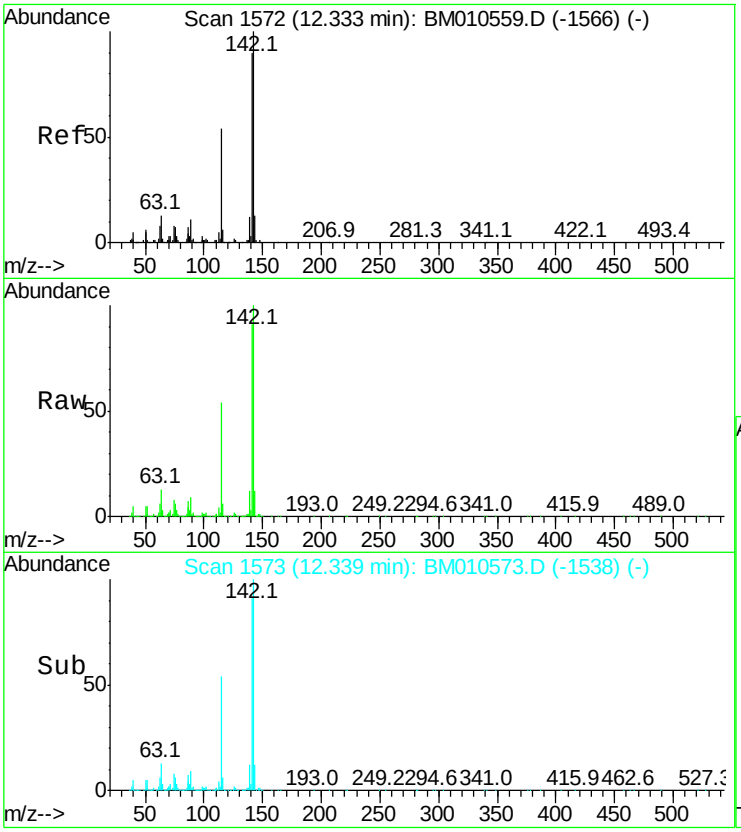


#30
4-Chloroaniline
Concen: 70.88 ng/ul
RT: 10.73 min Scan# 1300
Delta R.T. -0.14 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:127 Resp: 461686

Ion	Ratio	Lower	Upper
127	100		
129	80.8	28.4	42.6#



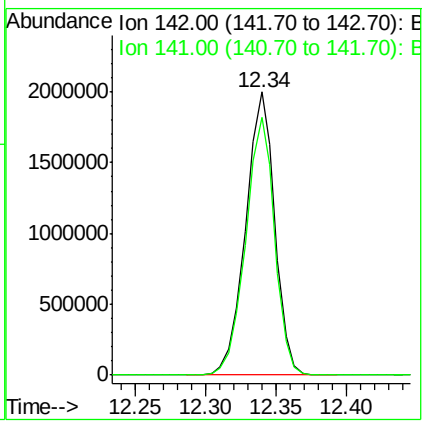


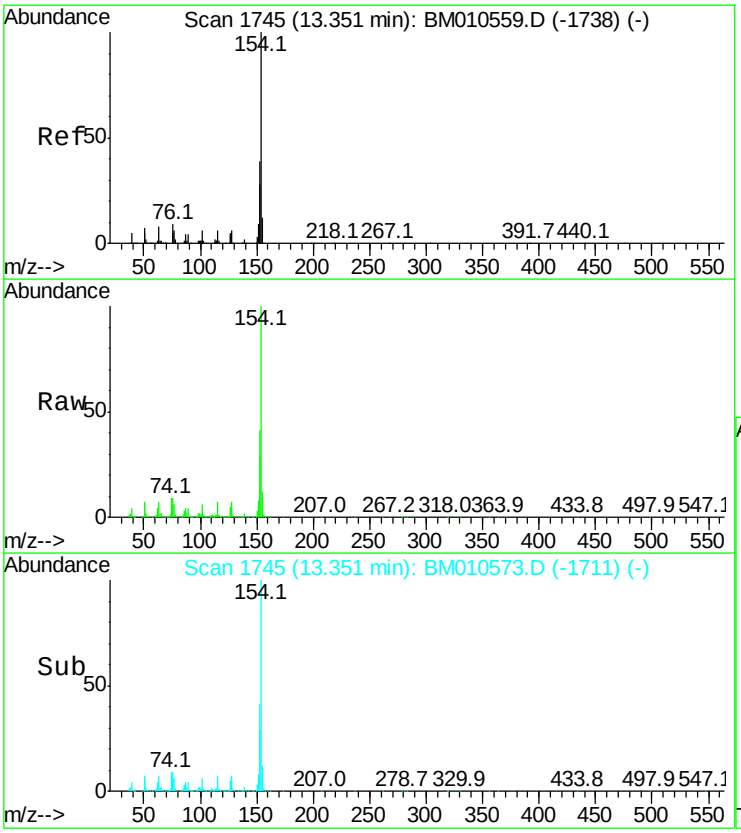
#34
2-Methylnaphthalene
Concen: 189.41 ng/ul
RT: 12.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 2890231

Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.1	111.1

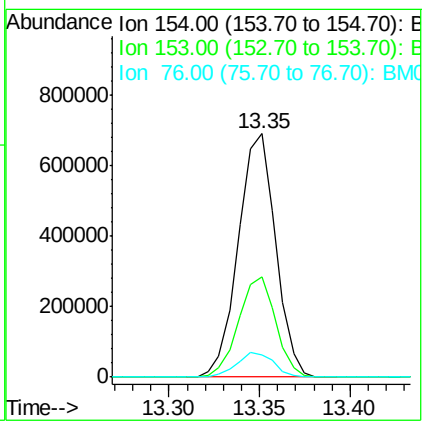


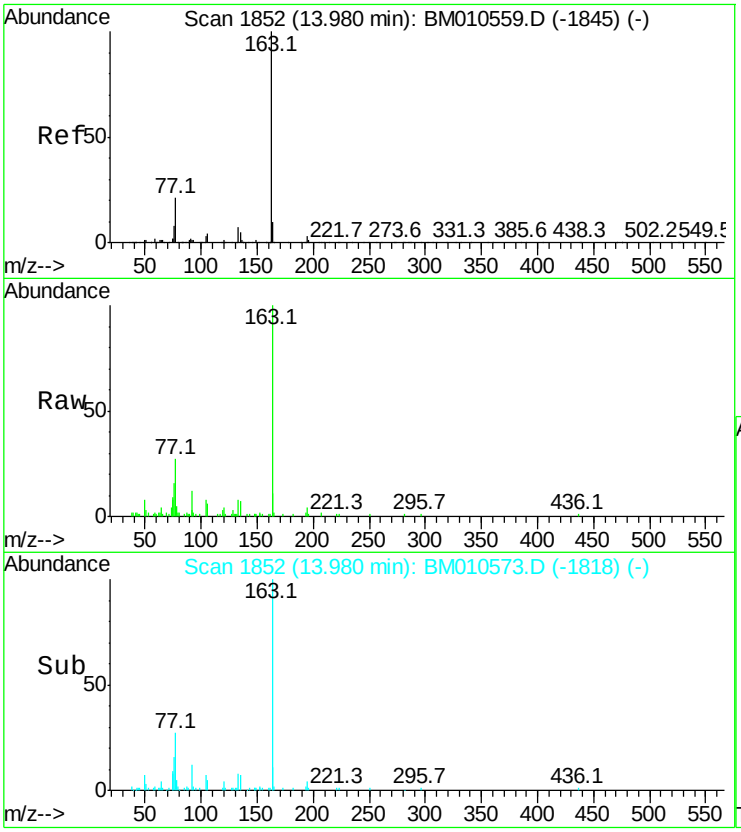


#40
1,1'-Biphenyl
Concen: 43.97 ng/ul
RT: 13.35 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:154 Resp: 990566

Ion	Ratio	Lower	Upper
154	100		
153	41.4	32.6	48.8
76	8.9	8.5	12.7



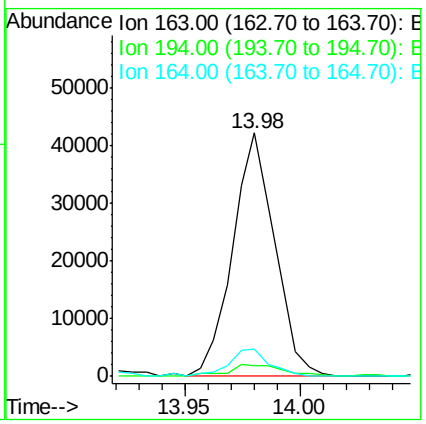


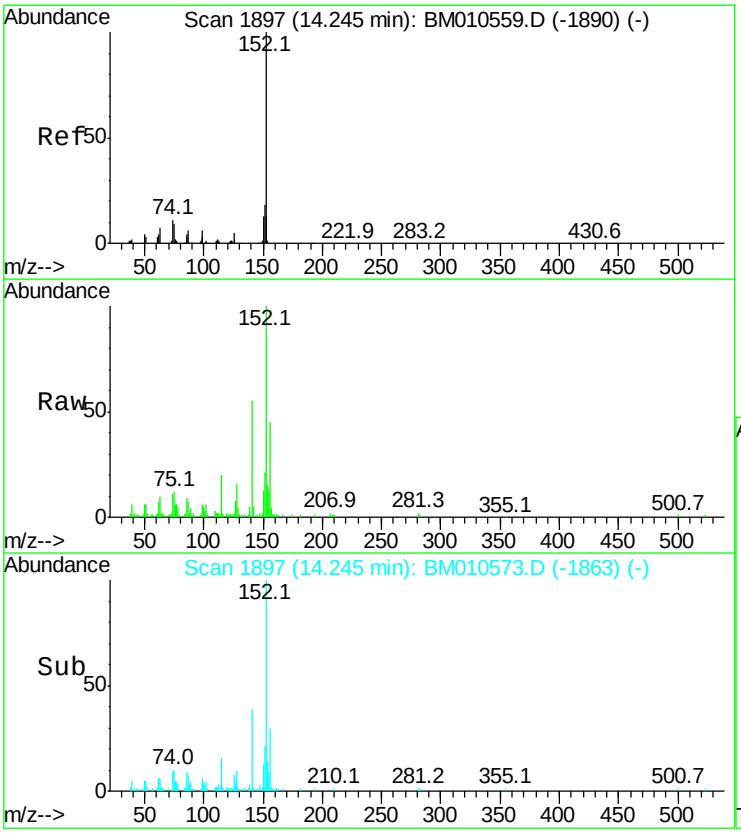
#44
Dimethylphthalate
Concen: 2.37 ng/ul
RT: 13.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 53740

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	11.1	8.2	12.4

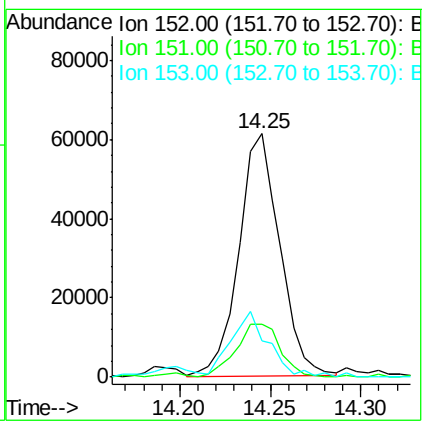


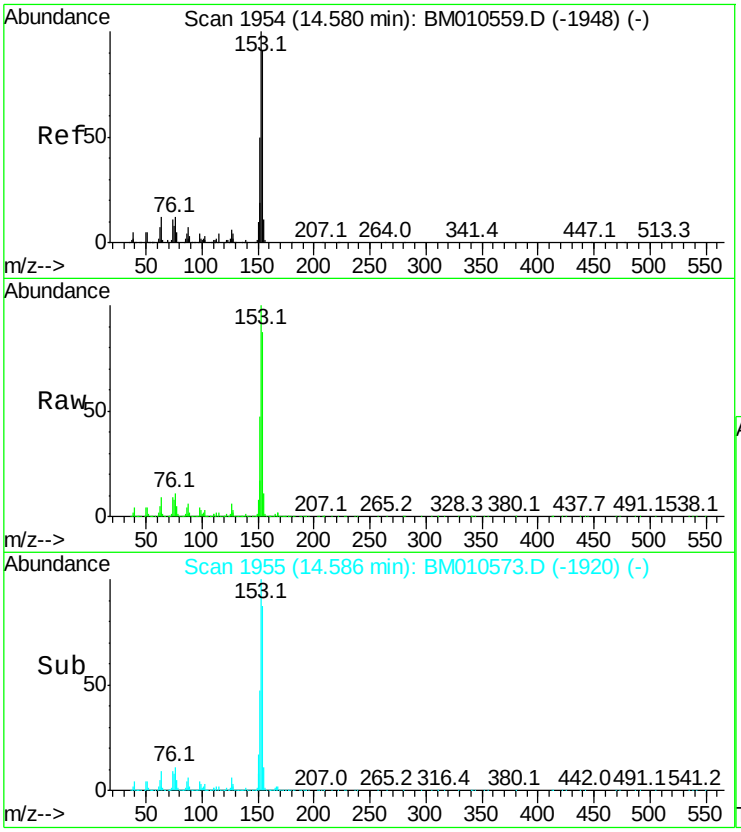


#47
Acenaphthylene
Concen: 3.66 ng/ul
RT: 14.25 min Scan# 1897
Delta R.T. 0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:152 Resp: 96186

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.3	24.5
153	14.7	10.2	15.4



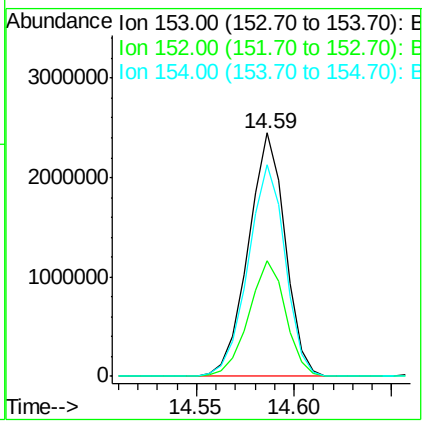


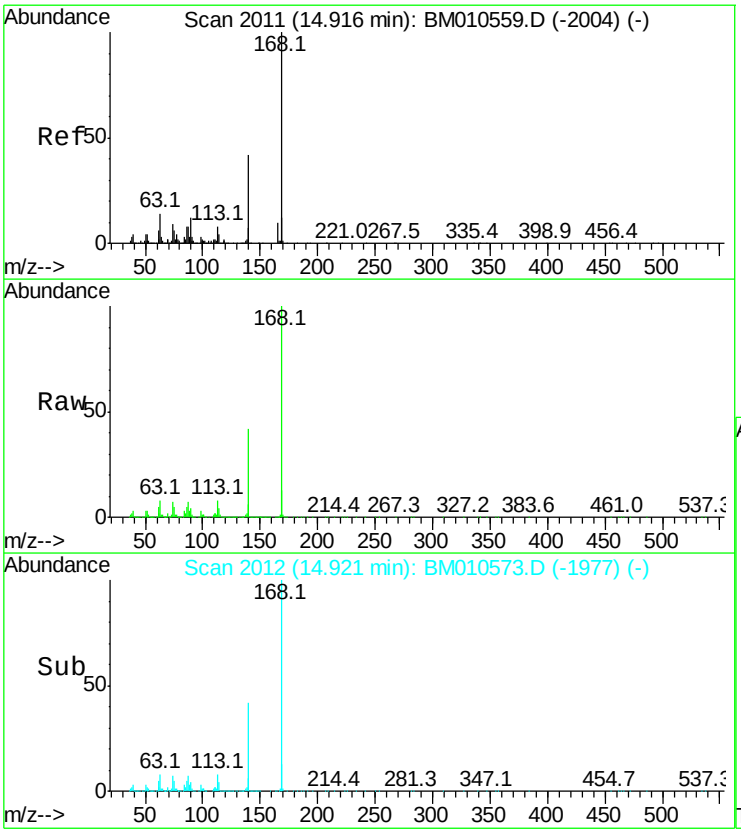
#49
Acenaphthene
Concen: 173.98 ng/ul
RT: 14.59 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 3209526

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.6	56.4
154	86.8	70.4	105.6

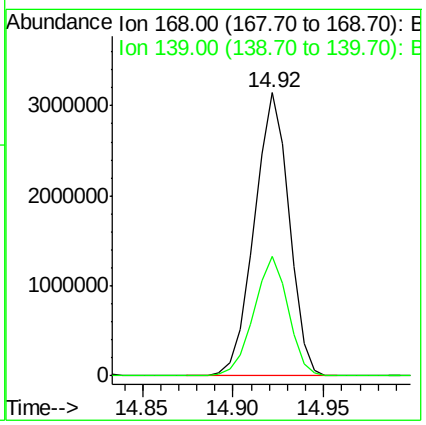


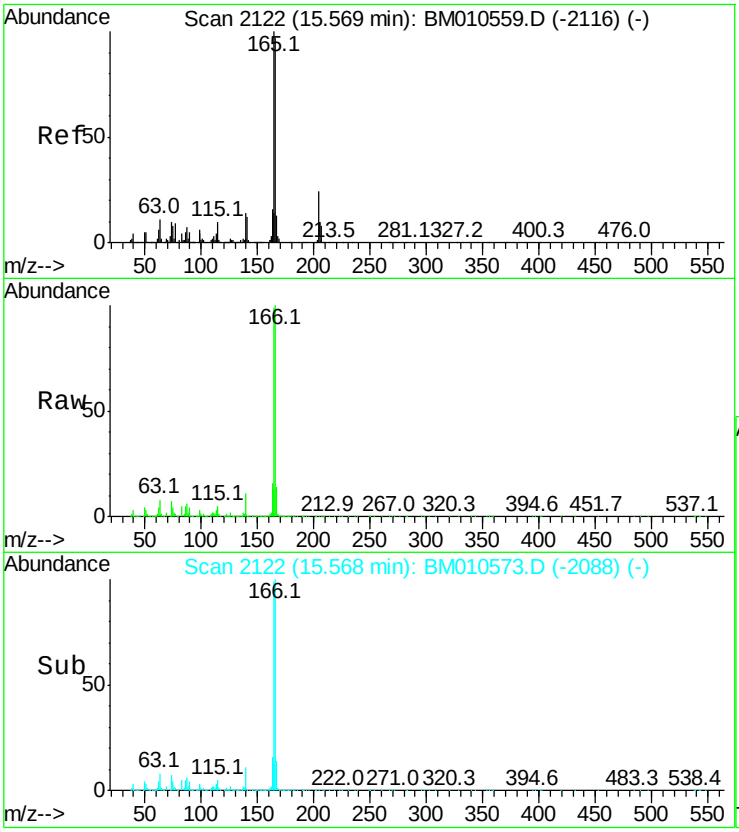


#53
Dibenzofuran
Concen: 153.55 ng/ul
RT: 14.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:168 Resp: 4188624

Ion	Ratio	Lower	Upper
168	100		
139	42.3	30.8	46.2



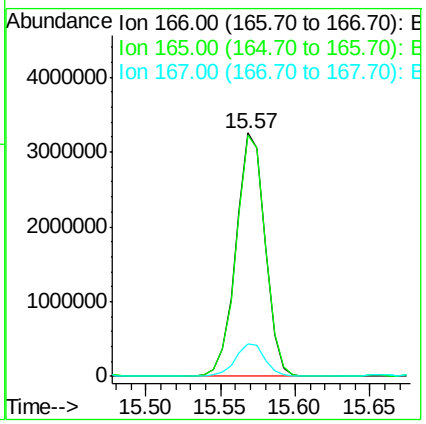


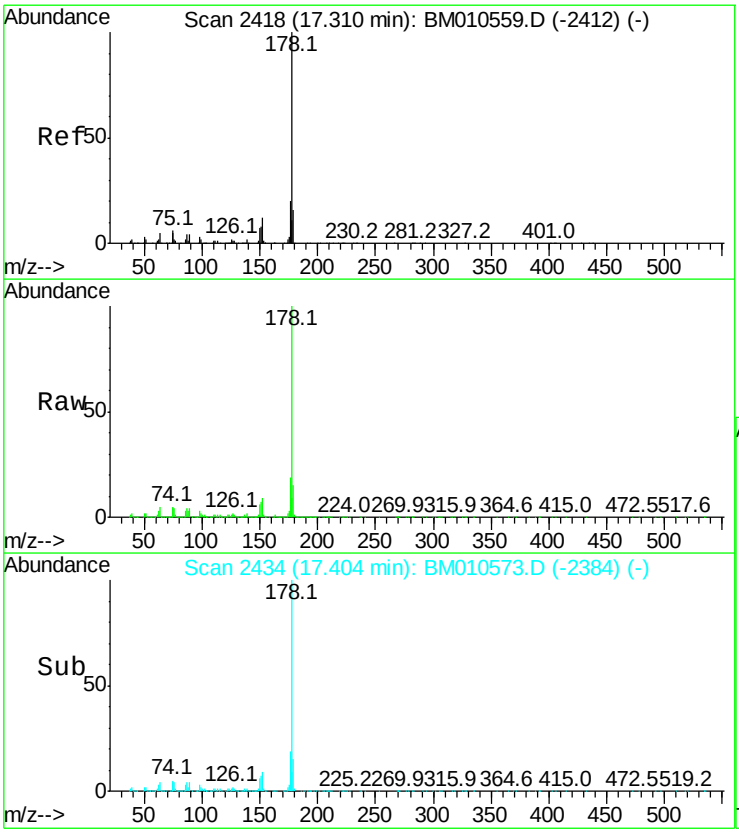
#58
Fluorene
Concen: 196.08 ng/ul
RT: 15.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 4387509

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	13.5	10.6	16.0

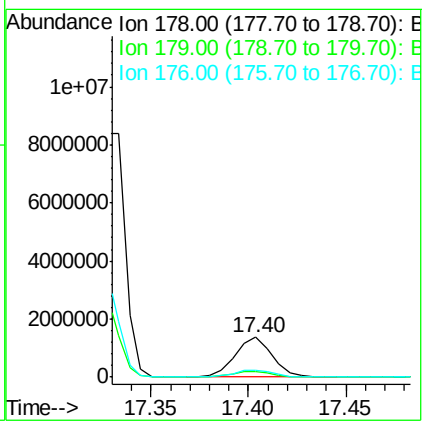


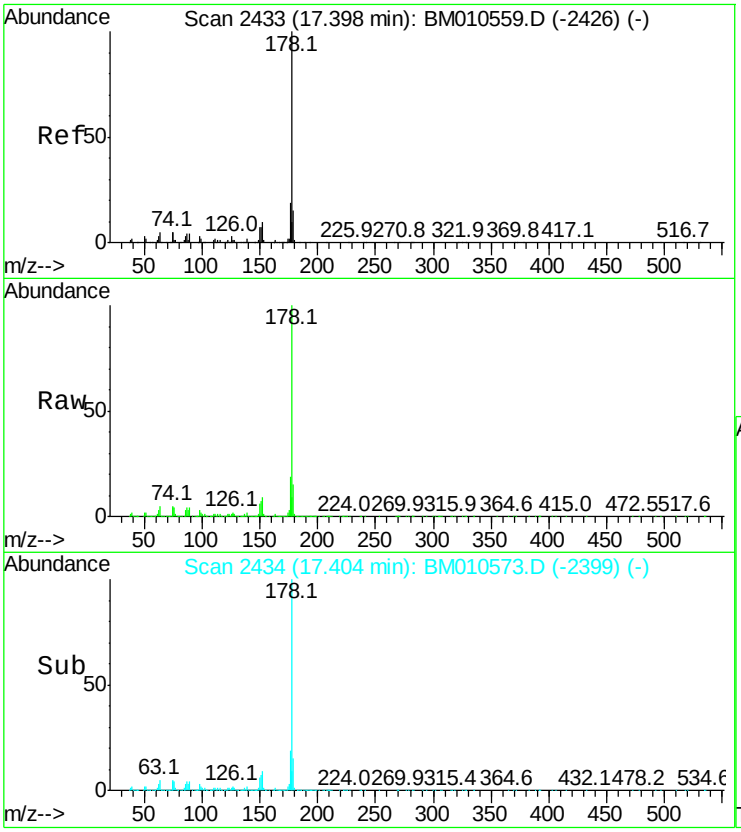


#69
Phenanthrene
Concen: 46.71 ng/ul
RT: 17.40 min Scan# 2434
Delta R.T. 0.09 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:178 Resp: 1788966

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.6	14.9	22.3



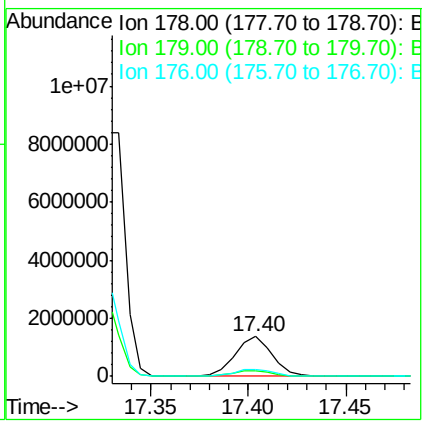


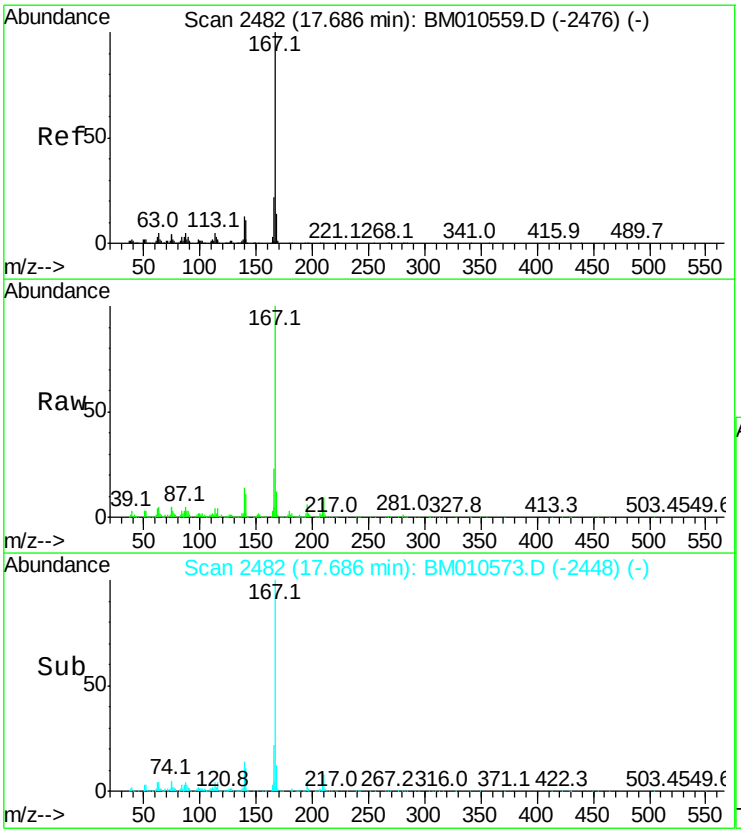
#71
Anthracene
Concen: 44.74 ng/ul
RT: 17.40 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1788966

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	18.6	14.6	21.8

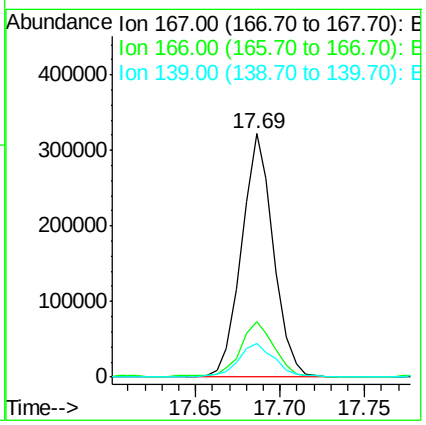


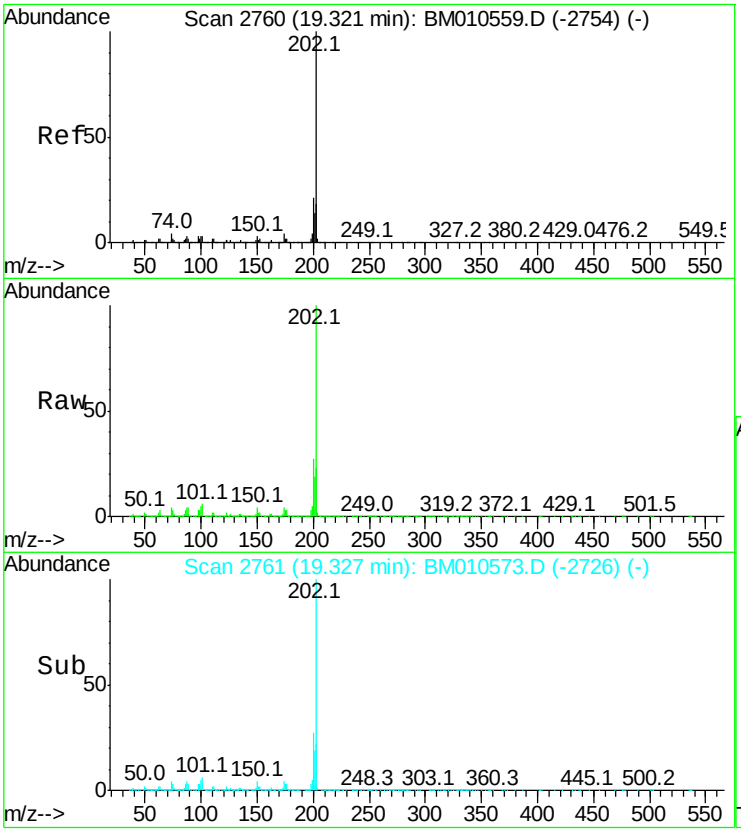


#72
Carbazole
Concen: 12.48 ng/ul
RT: 17.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:167 Resp: 422222

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	13.9	10.0	15.0



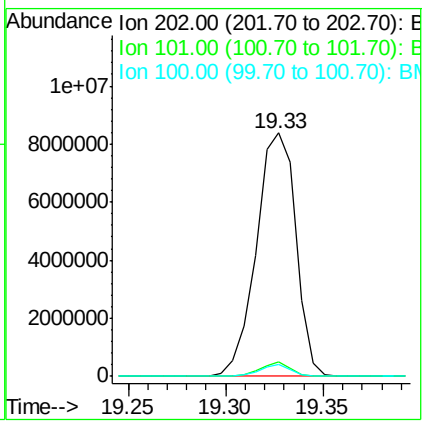


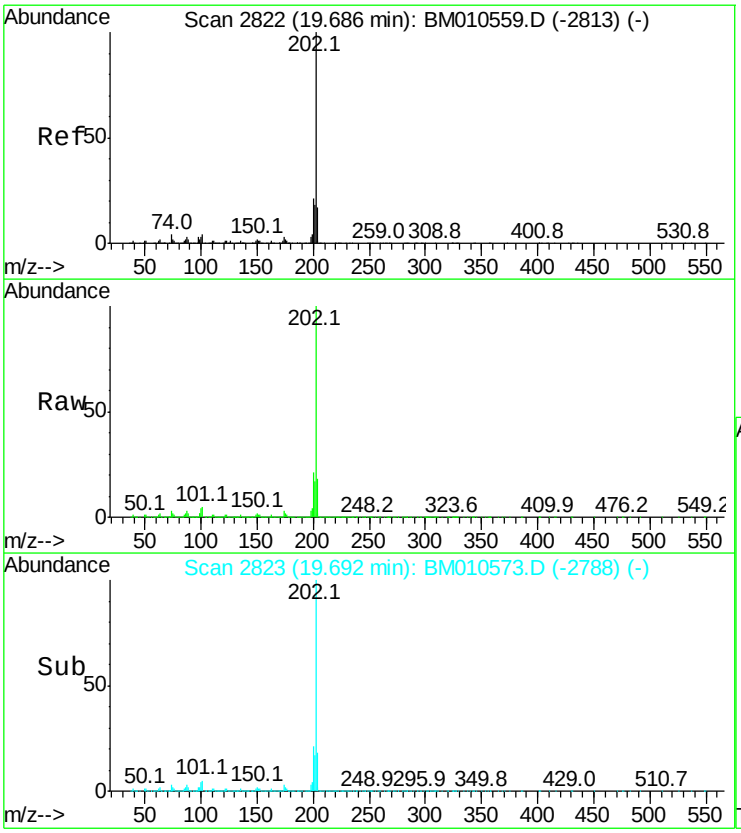
#74
Fluoranthene
Concen: 249.14 ng/ul
RT: 19.33 min Scan# 2761
Delta R.T. 0.01 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:11734750

Ion	Ratio	Lower	Upper
202	100		
101	6.0	4.6	7.0
100	4.9	3.4	5.2

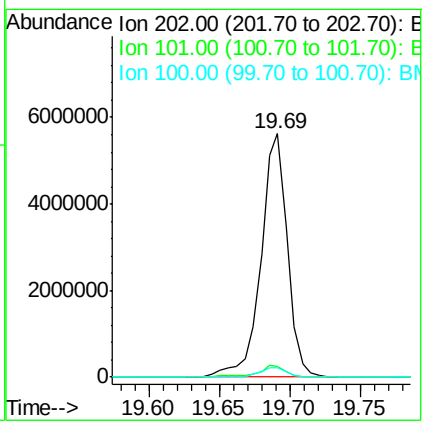


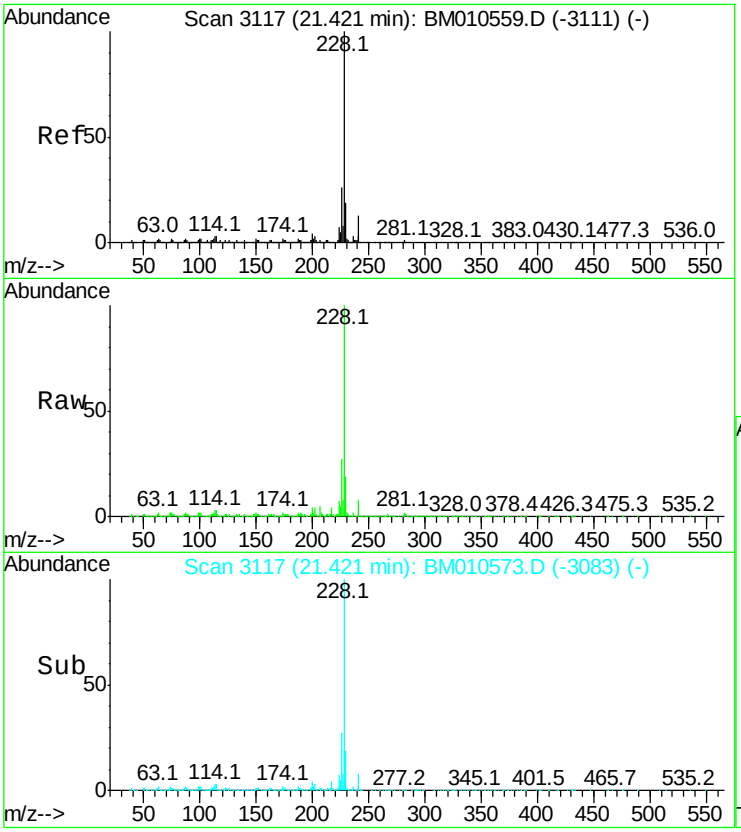


#77
Pyrene
Concen: 141.00 ng/ul
RT: 19.69 min Scan# 2823
Delta R.T. 0.01 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:202 Resp: 7372628

Ion	Ratio	Lower	Upper
202	100		
101	4.6	5.1	7.7#
100	4.0	4.9	7.3#



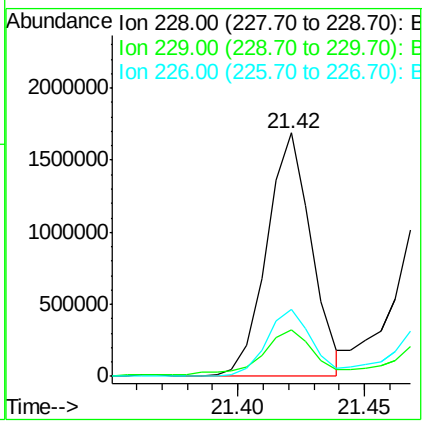


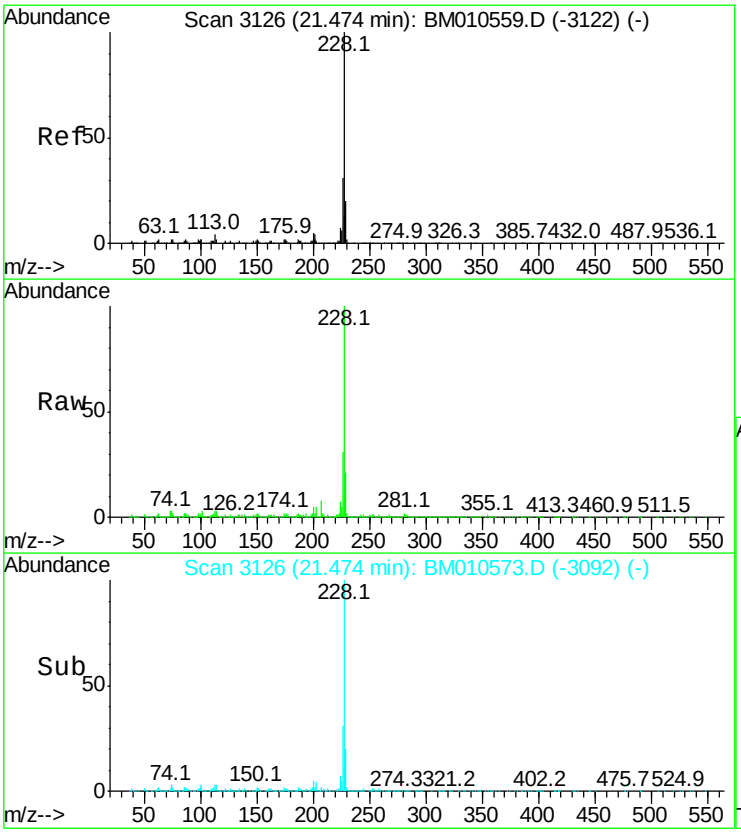
#80
Benzo(a)anthracene
Concen: 35.97 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2058311

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.4	23.0
226	27.5	21.4	32.0

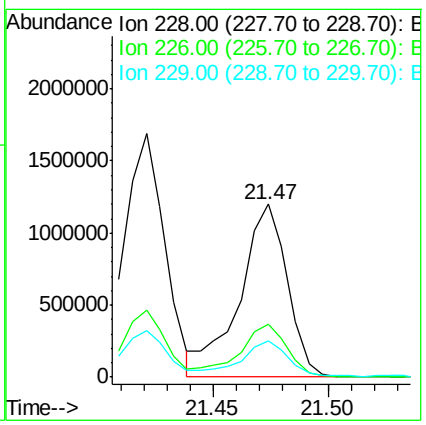


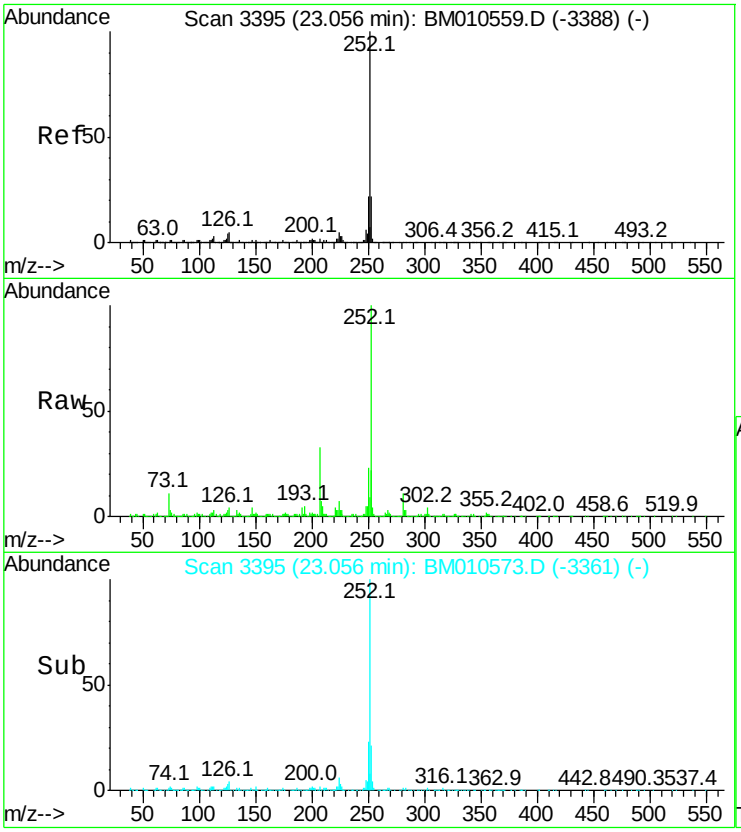


#82
Chrysene
Concen: 32.96 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:228 Resp: 1704800

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	20.8	15.5	23.3



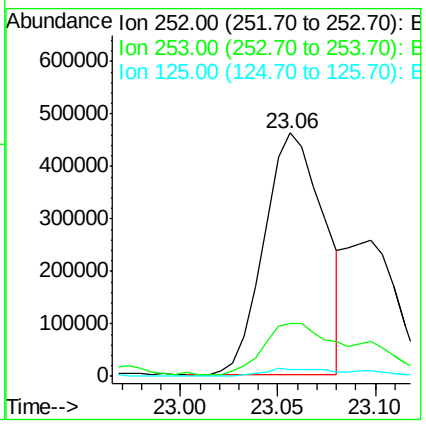


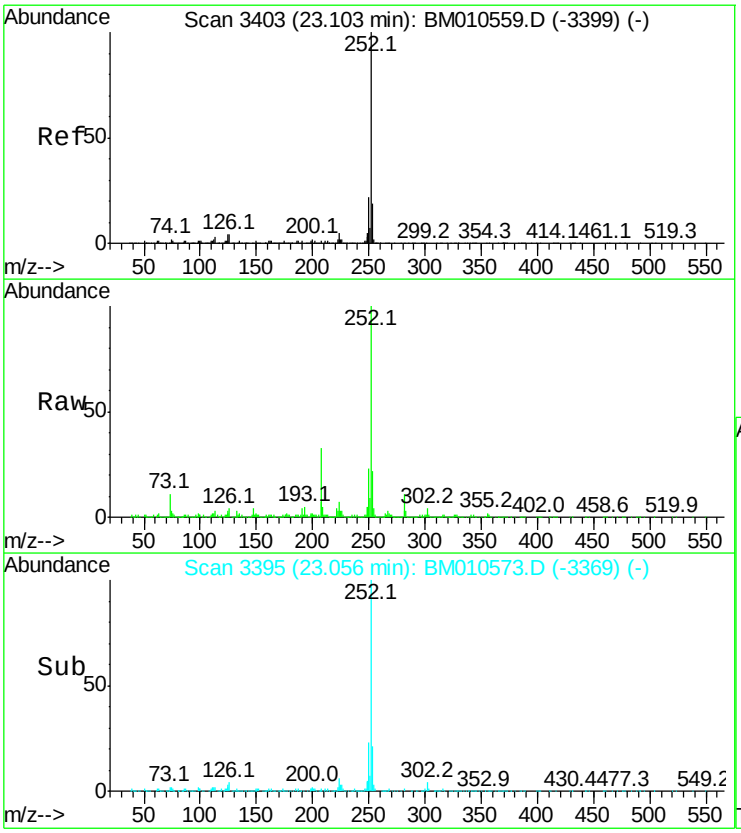
#85
Benzo(b)fluoranthene
Concen: 17.25 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. -0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 979992

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	2.9	3.6	5.4#

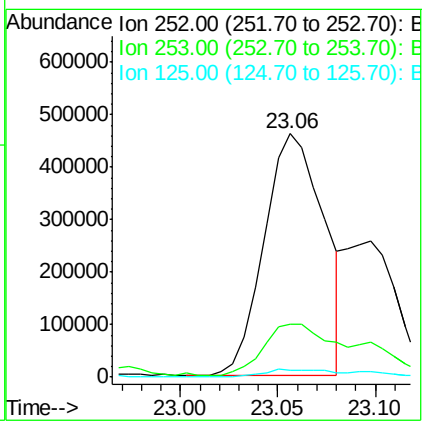


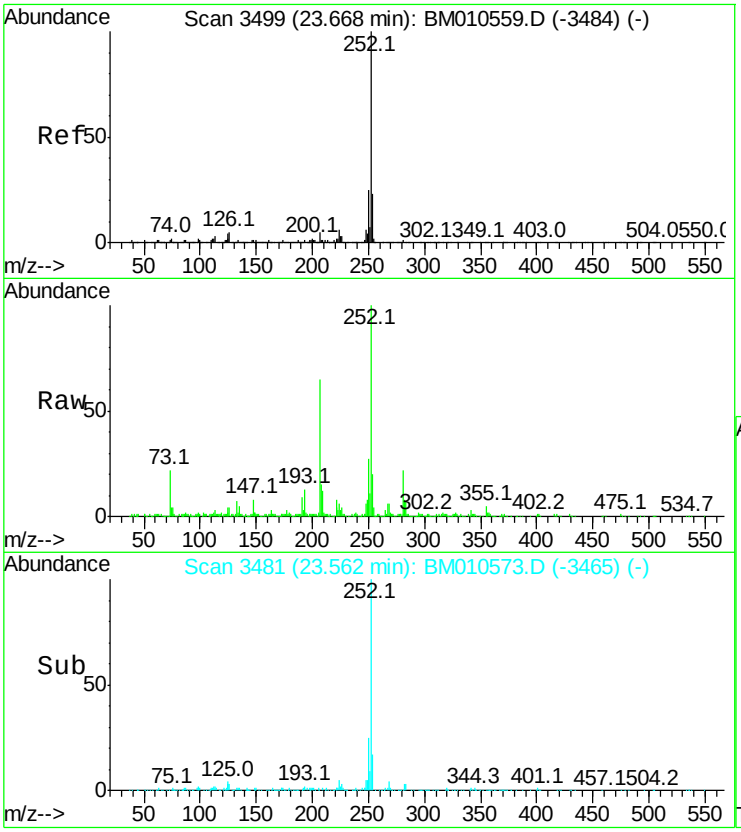


#86
Benzo(k)fluoranthene
Concen: 18.06 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. -0.05 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:252 Resp: 979992

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	2.9	3.4	5.2#



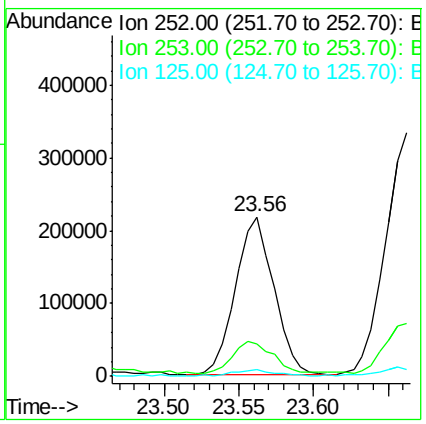


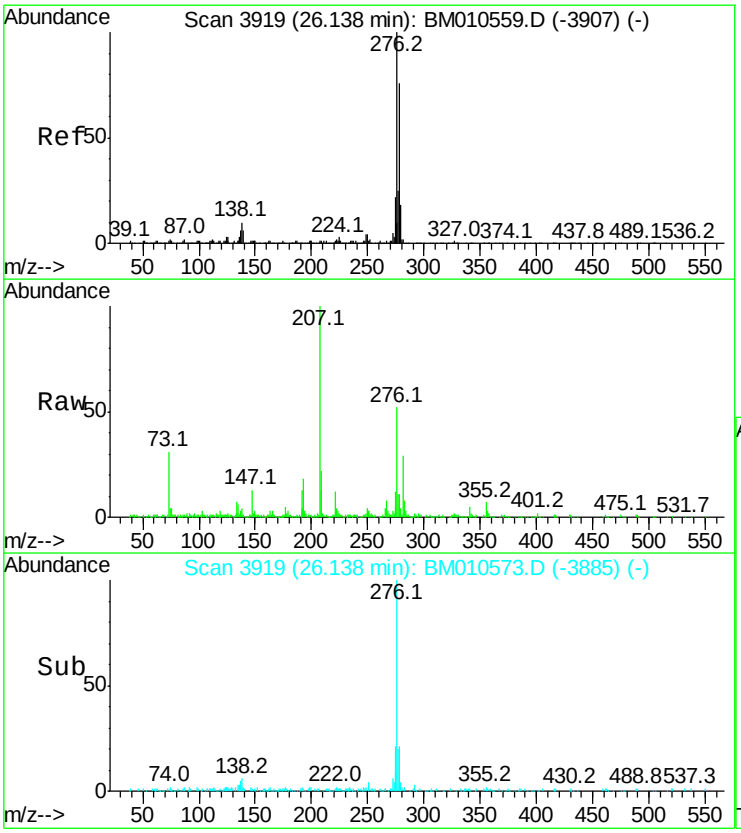
#88
Benzo(a)pyrene
Concen: 6.89 ng/ul
RT: 23.56 min Scan# 3481
Delta R.T. -0.11 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 387978

Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.2	27.2
125	4.2	4.0	6.0

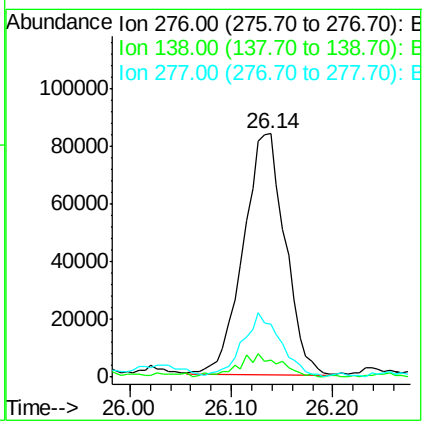


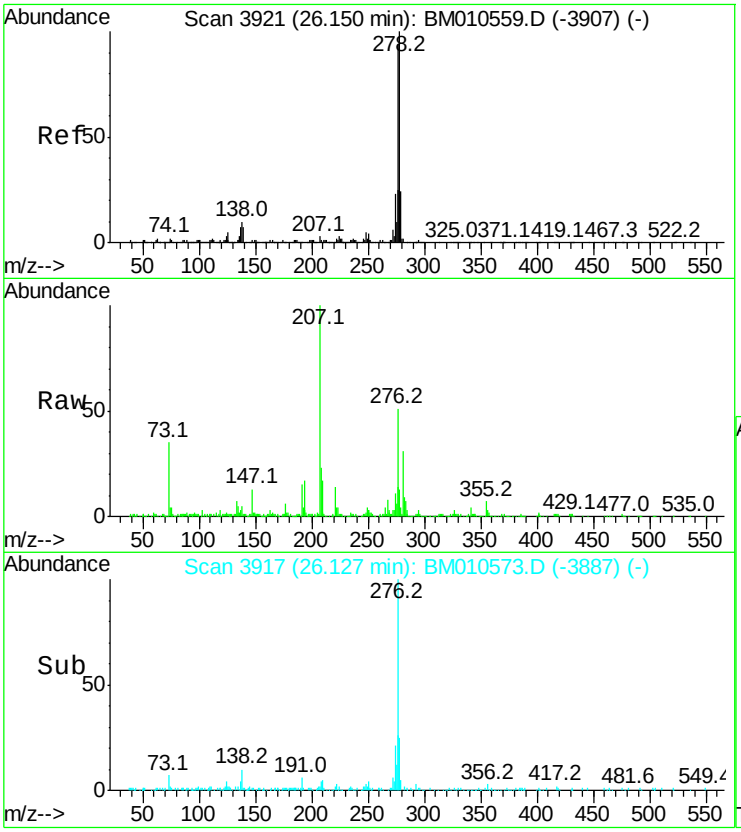


#89
Indeno(1,2,3-cd)pyrene
Concen: 3.35 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. -0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:276 Resp: 238410

Ion	Ratio	Lower	Upper
276	100		
138	6.9	9.3	13.9#
277	21.6	19.9	29.9



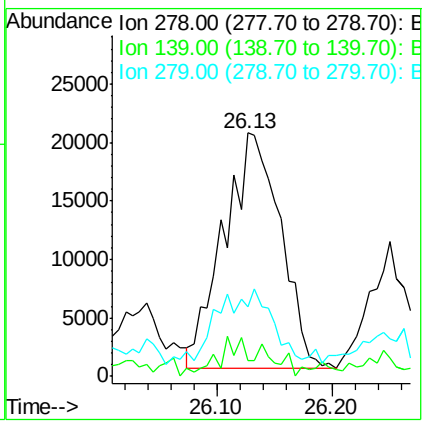


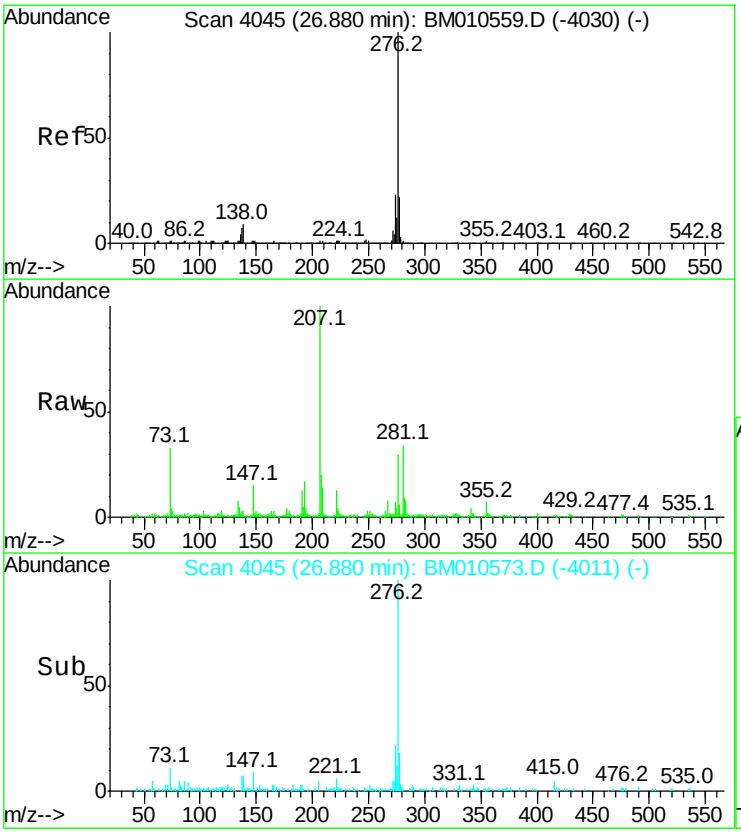
#90
Dibenzo(a,h)anthracene
Concen: 1.12 ng/ul
RT: 26.13 min Scan# 3917
Delta R.T. -0.02 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 68809

Ion	Ratio	Lower	Upper
278	100		
139	10.5	5.8	8.8#
279	28.4	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 2.63 ng/ul
RT: 26.88 min Scan# 4045
Delta R.T. 0.00 min
Lab File: BM010573.D
Acq: 13 Jun 2017 22:57

Tgt Ion:276 Resp: 154345

Ion	Ratio	Lower	Upper
276	100		
138	13.2	8.5	12.7#
277	20.4	18.6	28.0