Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
Data File : BM010570.D
Acq On : 13 Jun 2017 21:08
Operator : SJ/MA
Sample : I3558-13 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 14 01:49:48 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	116517	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	409651	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.52	164	272202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	89466	20.00	ng/ul	0.11
75) Chrysene-d12	21.44	240	1253575	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1128305	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	676	0.24	ng/uL	0.01
5) Phenol-d5	7.06	99	12672	1.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	7931	1.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	12661	1.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	11456	1.61	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	8662	2.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	6568	1.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	13720	1.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	55289	8.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	64886	2.87	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	63464	2.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	5055	1.49	ng/ul	0.01
57) Fluorene-d10	15.51	176	52157	2.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	351	0.55	ng/ul	0.14
70) Anthracene-d10	17.37	188	89093	20.47	ng/ul	0.00
76) Pyrene-d10	19.66	212	129965	2.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	115879	2.21	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.96	117	13712	4.28	ng/ul#	1
24) 2,4-Dimethylphenol	9.86	107	27530	3.21	ng/ul	88
30) 4-Chloroaniline	10.77	127	15523498	2334.57	ng/ul#	1
34) 2-Methylnaphthalene	12.35	142	13354825	857.26	ng/ul	96
40) 1,1'-Biphenyl	13.35	154	2454343	111.15	ng/ul	99
42) 2-Nitroaniline	13.67	65	20308	4.60	ng/ul#	27
44) Dimethylphthalate	13.99	163	22485	1.01	ng/ul	96
47) Acenaphthylene	14.24	152	420390	16.31	ng/ul#	94
48) 3-Nitroaniline	14.49	138	4871	1.24	ng/ul#	44
49) Acenaphthene	14.59	153	10039143	555.20	ng/ul	99
53) Dibenzofuran	14.93	168	11444165	428.02	ng/ul	92
54) 2,4-Dinitrotoluene	14.90	165	18744	3.13	ng/ul#	1
58) Fluorene	15.57	166	12376767	564.32	ng/ul	97
64) N-Nitrosodiphenylamine	15.86	169	36671	14.06	ng/ul#	46
69) Phenanthrene	17.42	178	11053515	2314.31	ng/ul	94
71) Anthracene	17.47	178	139745	28.03	ng/ul#	1
72) Carbazole	17.70	167	5163561	1223.49	ng/ul	99
74) Fluoranthene	19.47	202	106158	18.07	ng/ul	99
80) Benzo(a)anthracene	21.43	228	7059181	99.86	ng/ul	98
82) Chrysene	21.43	228	7059181	110.47	ng/ul	98
85) Benzo(b)fluoranthene	23.06	252	3453588	52.60	ng/ul#	99
86) Benzo(k)fluoranthene	23.06	252	3453588	55.06	ng/ul	97
88) Benzo(a)pyrene	23.57	252	1221917	18.78	ng/ul	99

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
Data File : BM010570.D
Acq On : 13 Jun 2017 21:08
Operator : SJ/MA
Sample : I3558-13 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 14 01:49:48 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

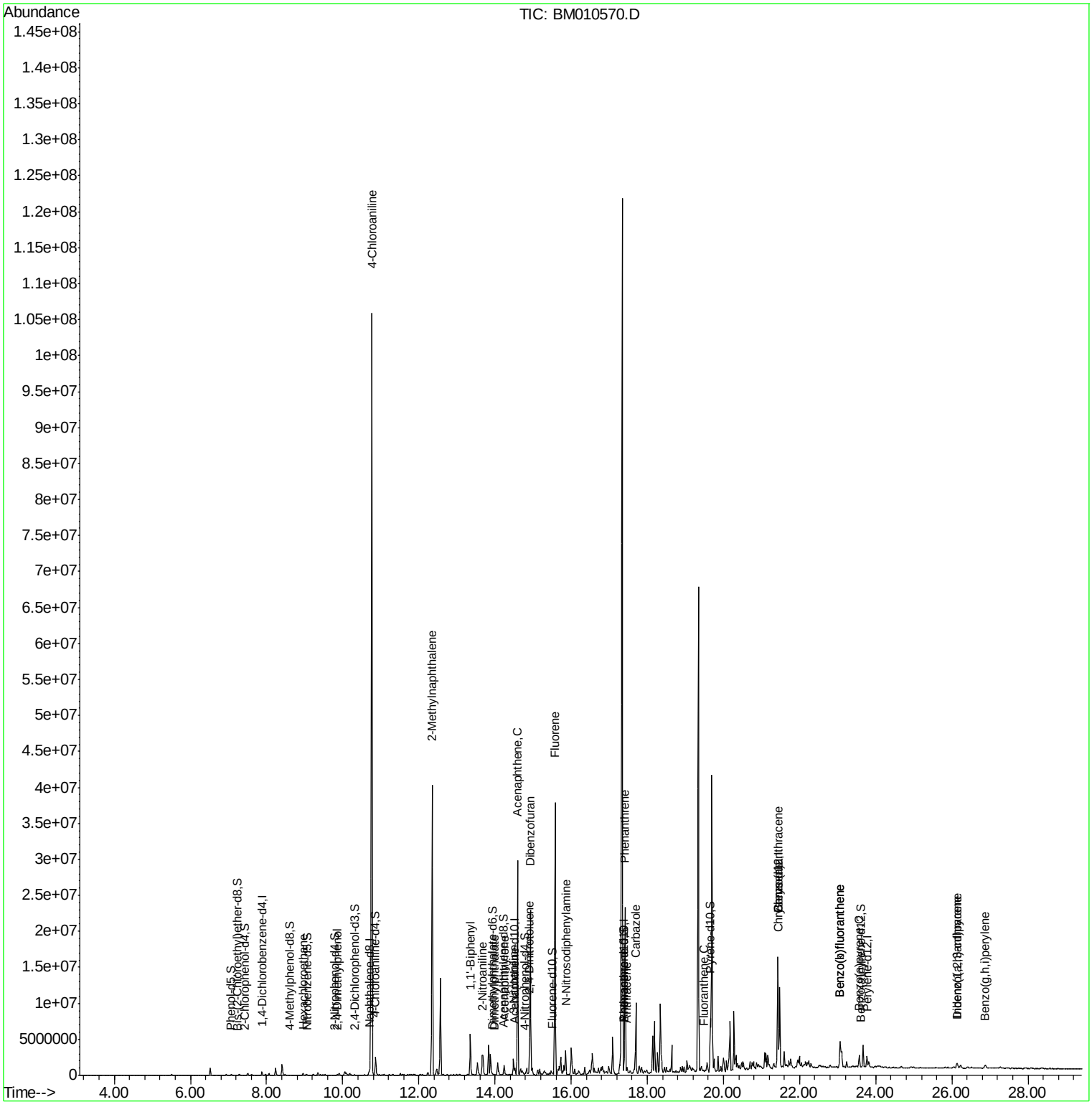
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Indeno(1,2,3-cd)pyrene	26.14	276	706702	8.60	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.13	278	86596	1.22	ng/ul#	74
91) Benzo(g,h,i)perylene	26.87	276	487109	7.19	ng/ul#	95

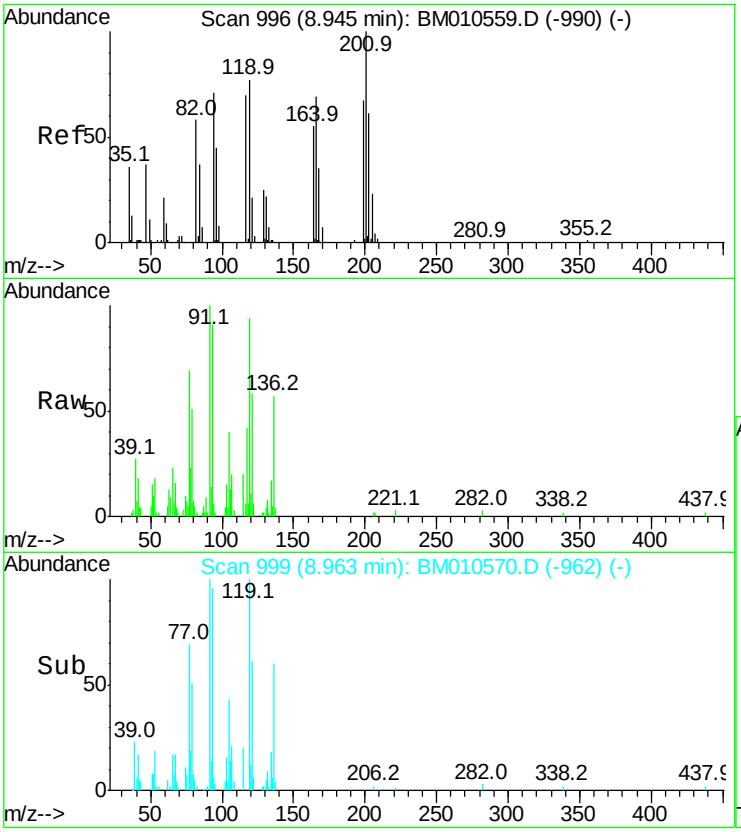
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
Data File : BM010570.D
Acq On : 13 Jun 2017 21:08
Operator : SJ/MA
Sample : I3558-13 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 14 01:49:48 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



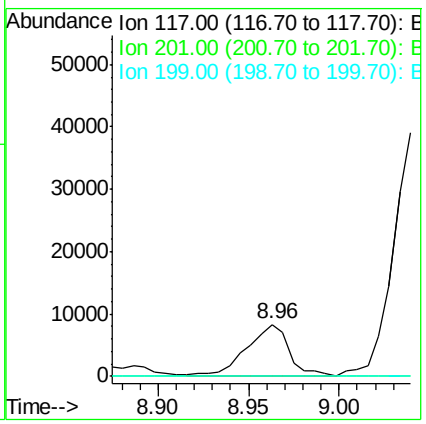


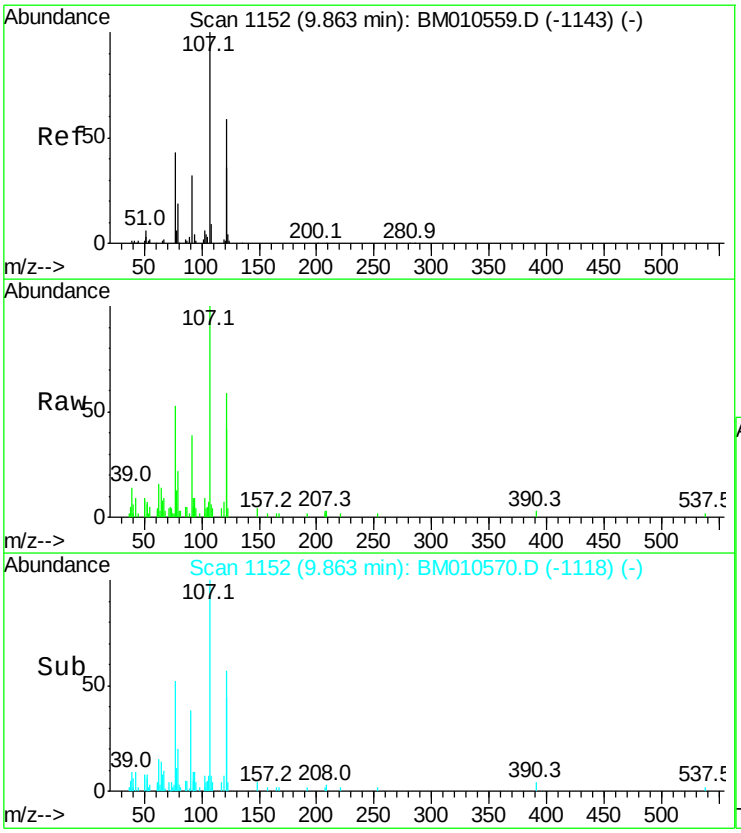
#17
Hexachloroethane
Concen: 4.28 ng/ul
RT: 8.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:117 Resp: 13712

Ion	Ratio	Lower	Upper
117	100		
201	0.0	111.6	167.4#
199	0.0	67.8	101.6#

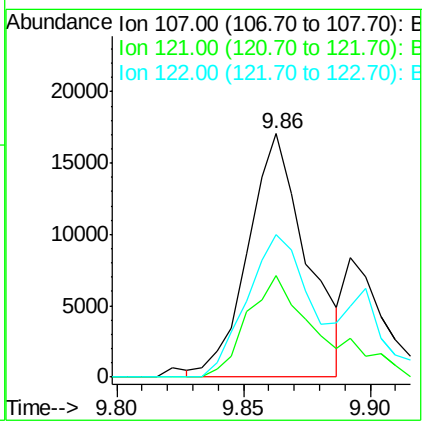


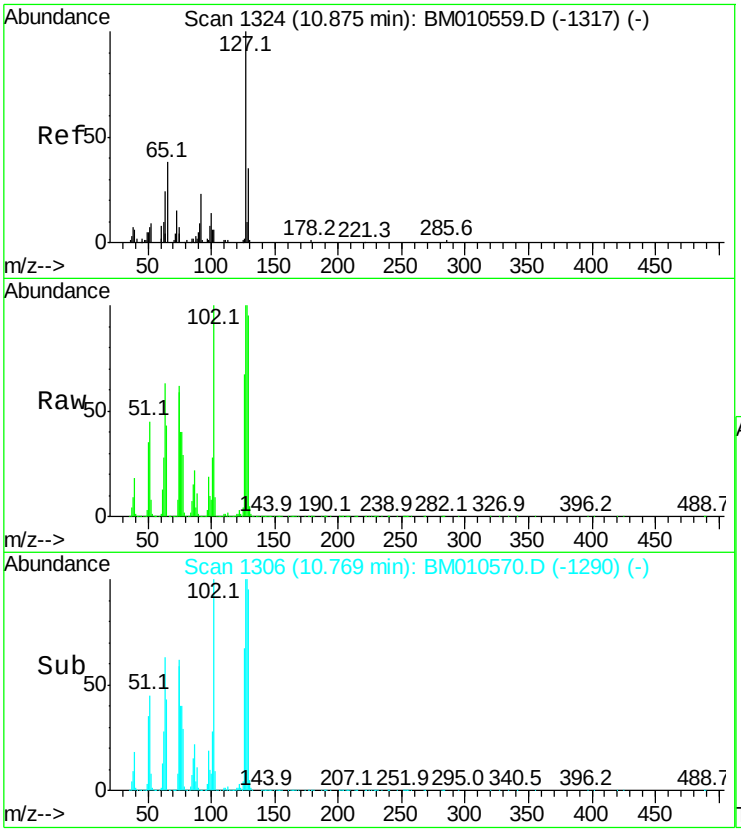


#24
2,4-Dimethylphenol
Concen: 3.21 ng/ul
RT: 9.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:107 Resp: 27530

Ion	Ratio	Lower	Upper
107	100		
121	41.9	31.9	47.9
122	58.5	57.8	86.6



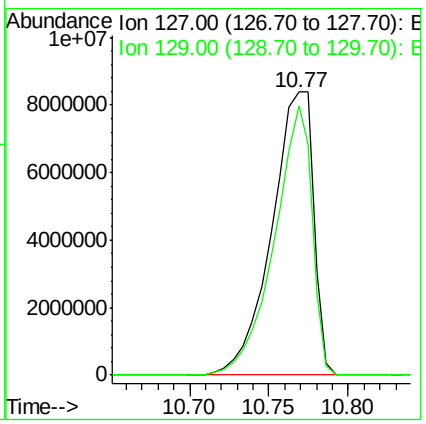


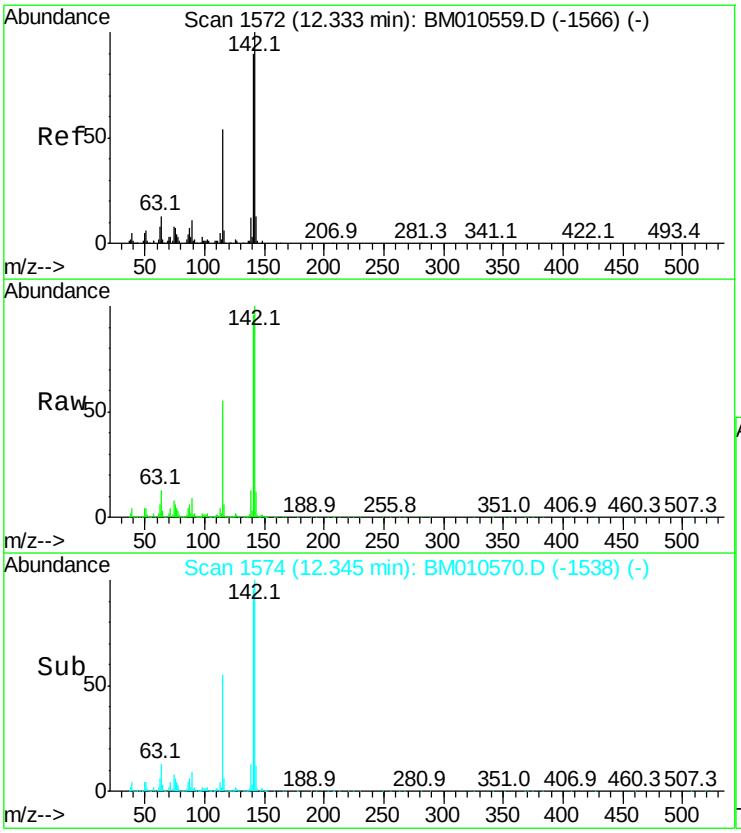
#30
4-Chloroaniline
Concen: 2334.57 ng/ul
RT: 10.77 min Scan# 1306
Delta R.T. -0.11 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:127 Resp:15523498

Ion	Ratio	Lower	Upper
127	100		
129	95.4	28.4	42.6#

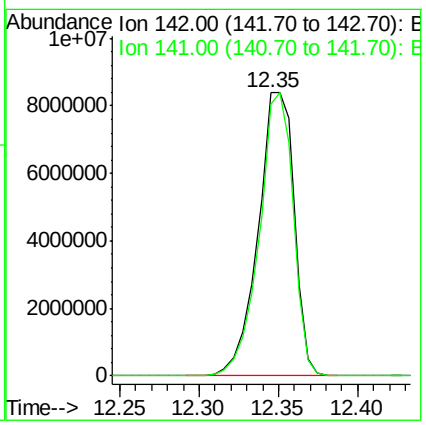


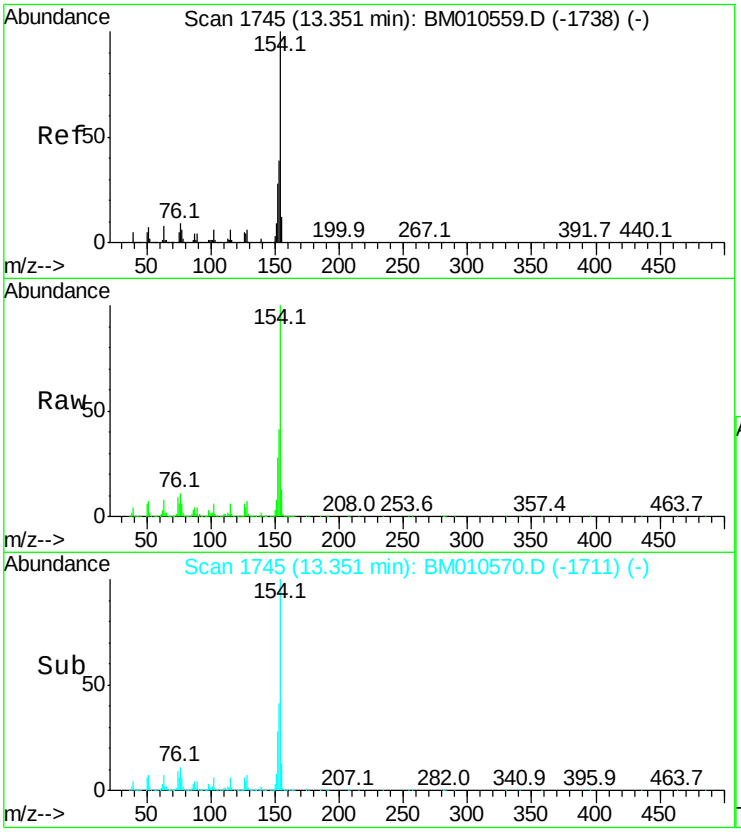


#34
2-Methylnaphthalene
Concen: 857.26 ng/ul
RT: 12.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:142 Resp:13354825

Ion	Ratio	Lower	Upper
142	100		
141	96.1	74.1	111.1



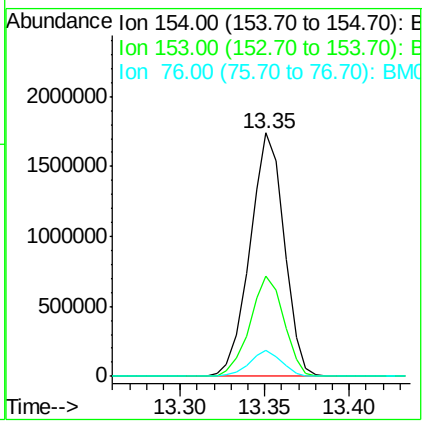


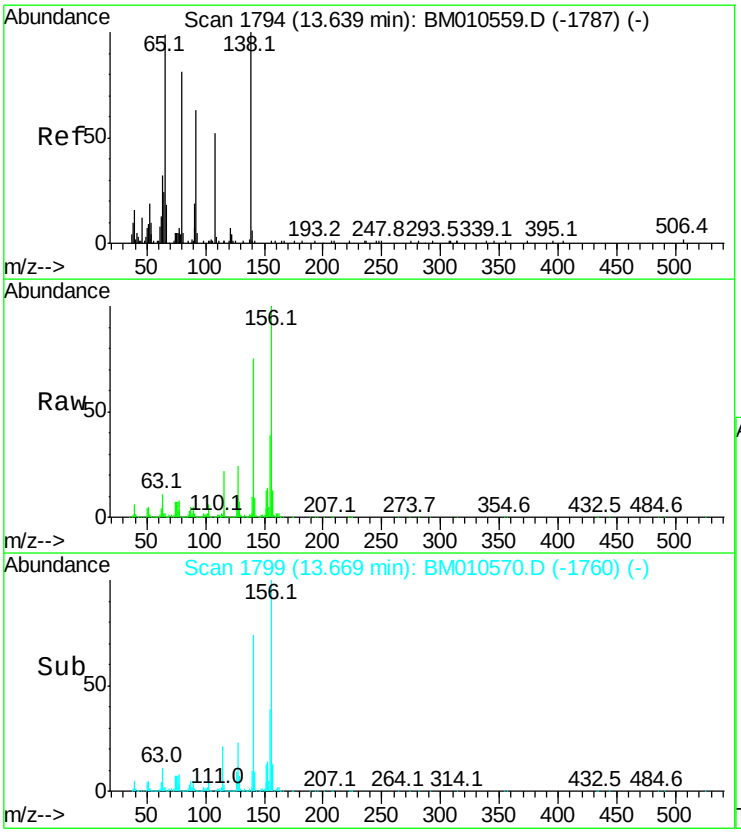
#40
1,1'-Biphenyl
Concen: 111.15 ng/ul
RT: 13.35 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 2454343

Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	48.8
76	10.5	8.5	12.7

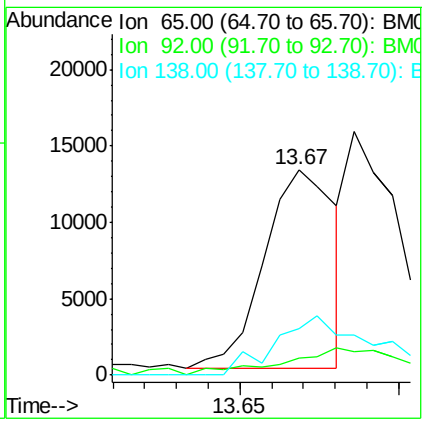


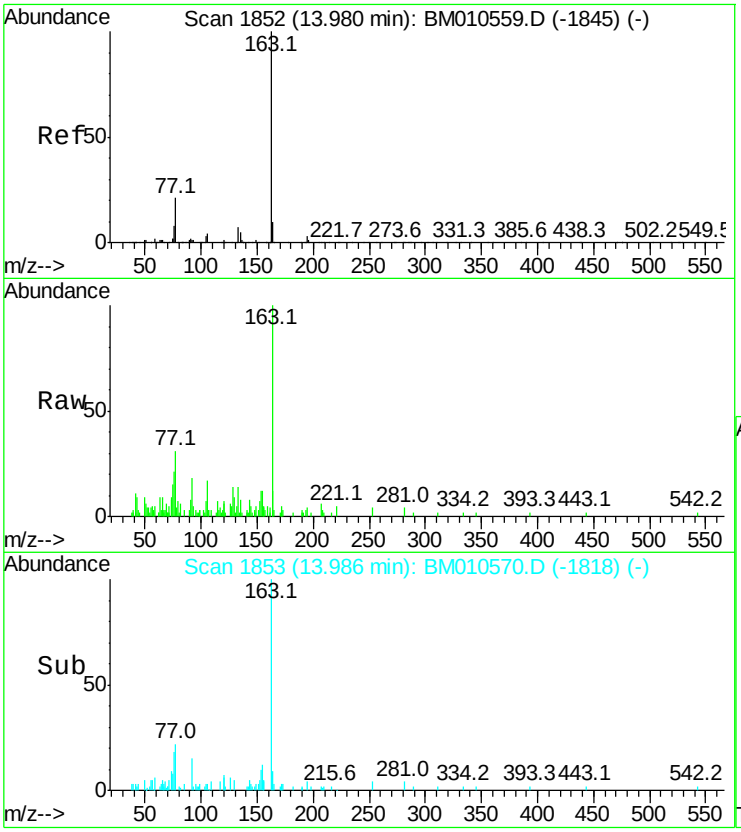


#42
2-Nitroaniline
Concen: 4.60 ng/ul
RT: 13.67 min Scan# 1799
Delta R.T. 0.03 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion: 65 Resp: 20308

Ion	Ratio	Lower	Upper
65	100		
92	8.1	51.8	77.6#
138	22.8	74.2	111.4#



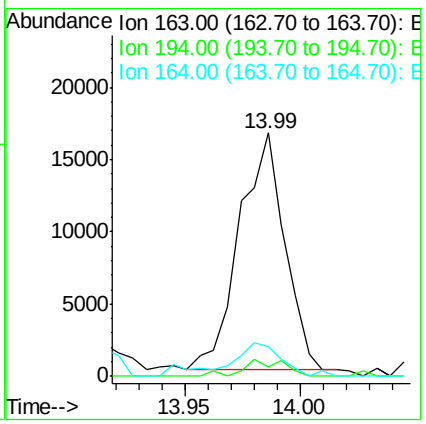


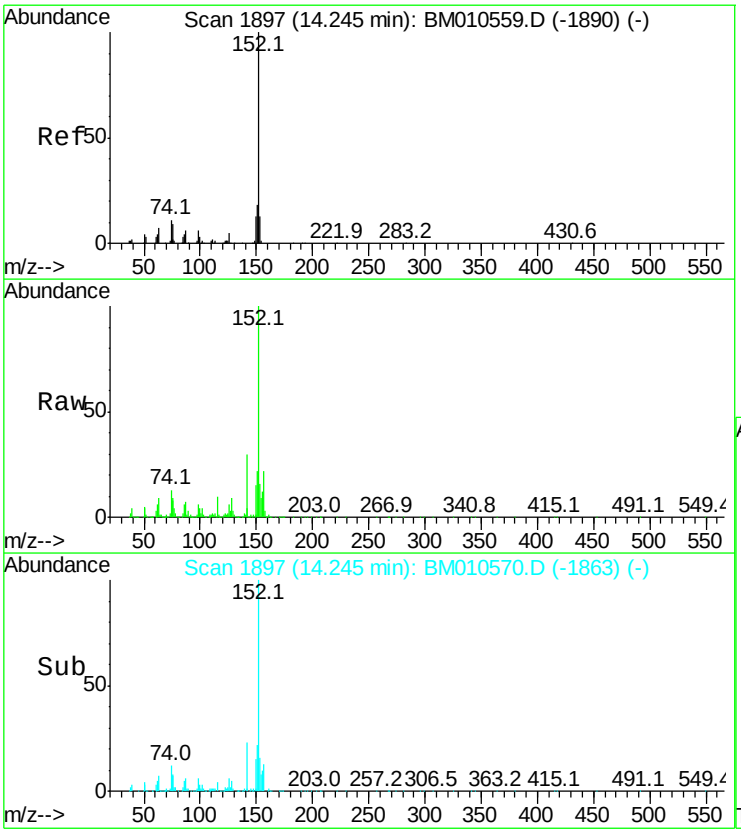
#44
Dimethylphthalate
Concen: 1.01 ng/ul
RT: 13.99 min Scan# 1853
Delta R.T. 0.01 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 22485

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.5	5.3
164	12.2	8.2	12.4

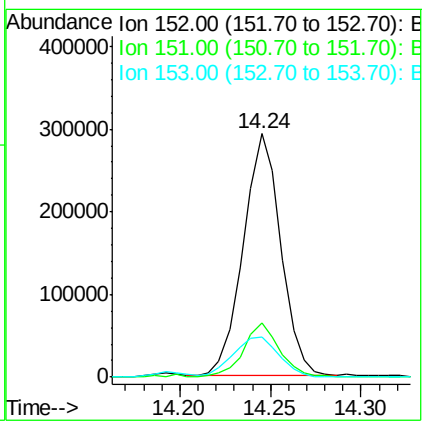


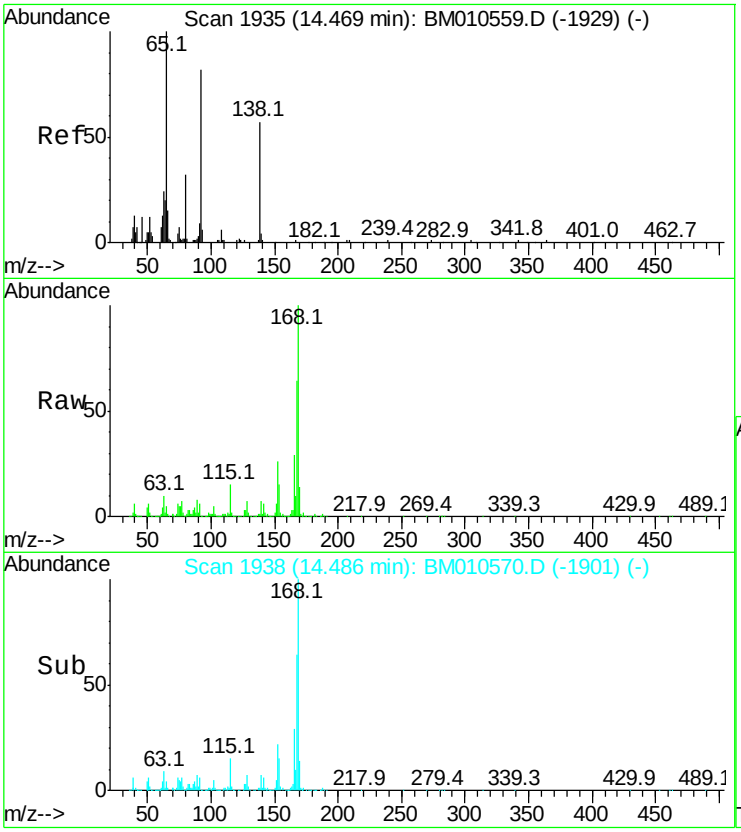


#47
Acenaphthylene
Concen: 16.31 ng/ul
RT: 14.24 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:152 Resp: 420390

Ion	Ratio	Lower	Upper
152	100		
151	22.2	16.3	24.5
153	16.5	10.2	15.4#



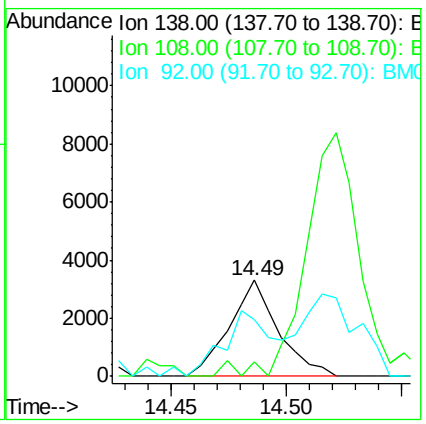


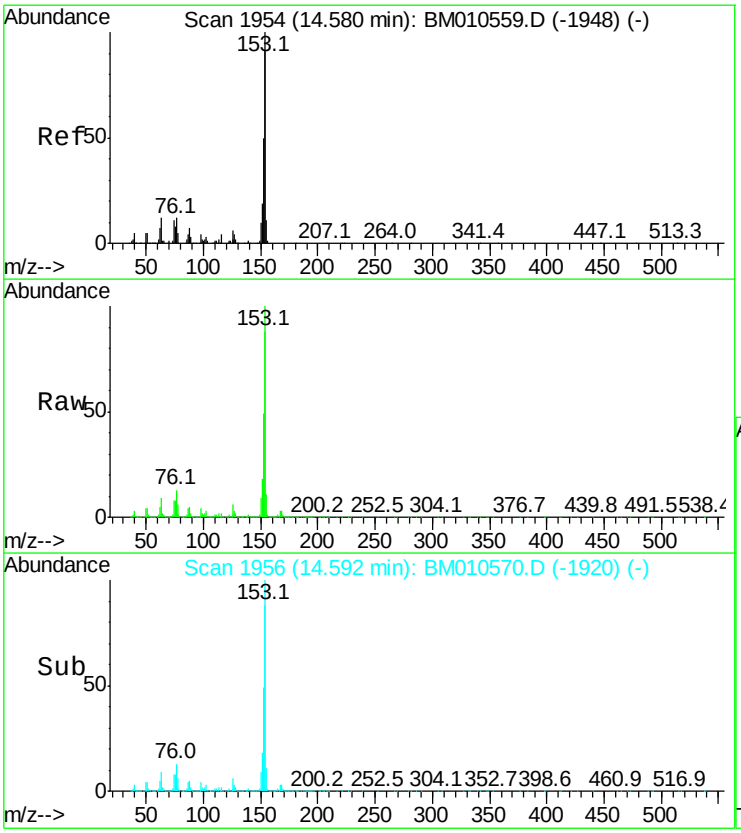
#48
3-Nitroaniline
Concen: 1.24 ng/ul
RT: 14.49 min Scan# 1938
Delta R.T. 0.02 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 4871

Ion	Ratio	Lower	Upper
138	100		
108	14.9	9.9	14.9#
92	59.6	105.0	157.4#

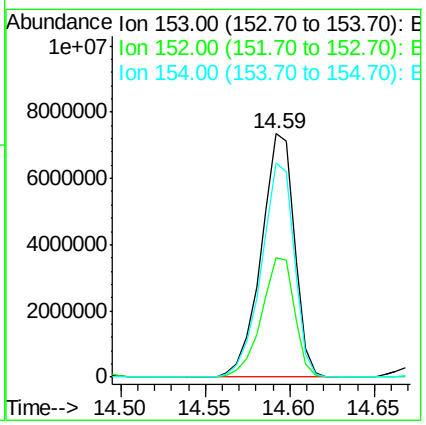


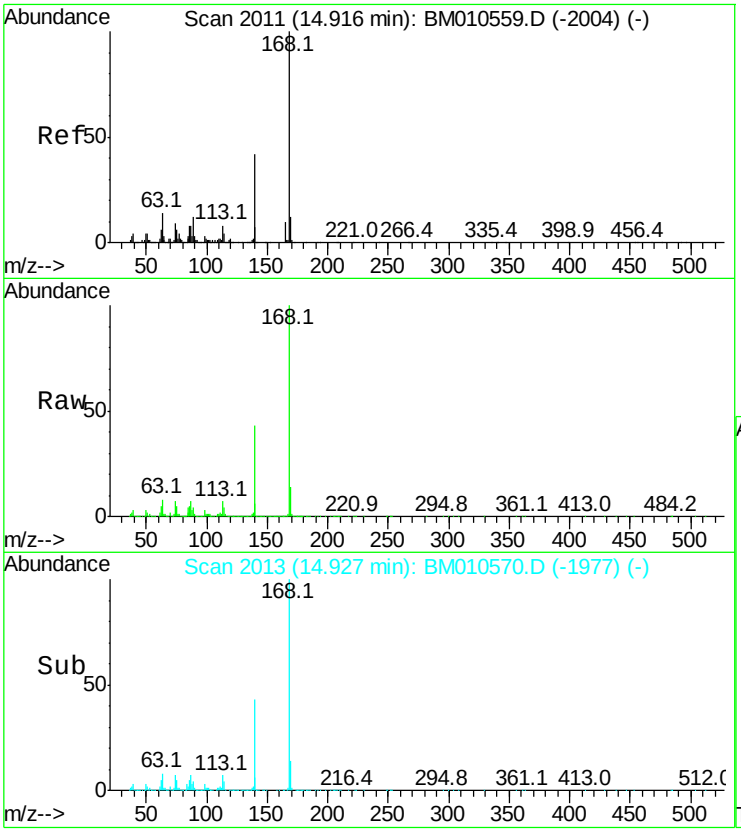


#49
Acenaphthene
Concen: 555.20 ng/ul
RT: 14.59 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:153 Resp:10039143

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.6	56.4
154	88.0	70.4	105.6



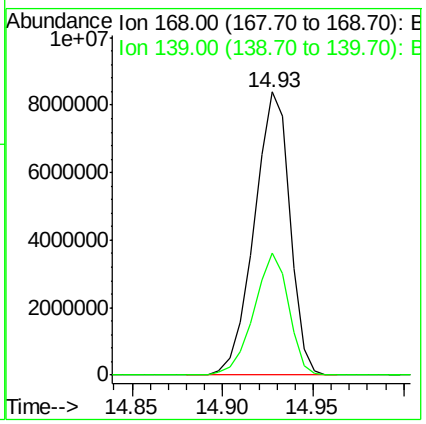


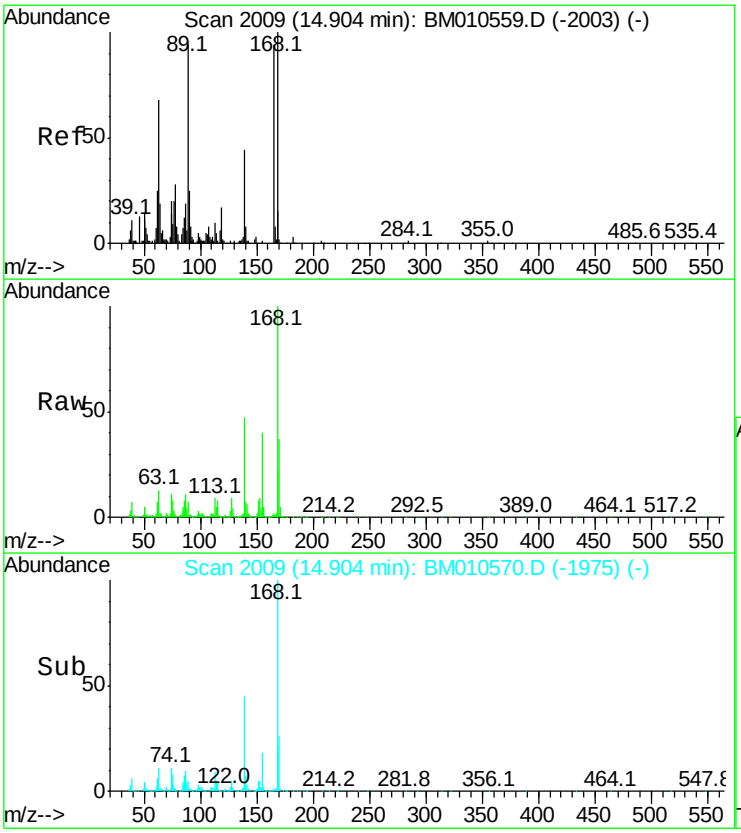
#53
Dibenzofuran
Concen: 428.02 ng/ul
RT: 14.93 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp:11444165

Ion	Ratio	Lower	Upper
168	100		
139	43.2	30.8	46.2

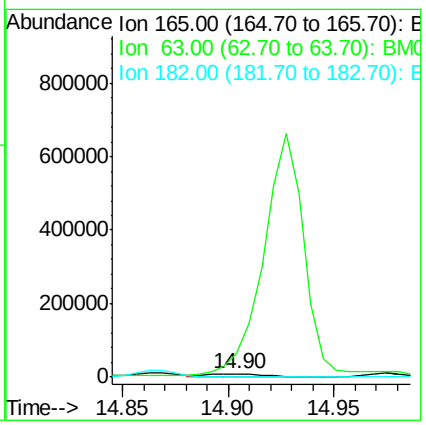


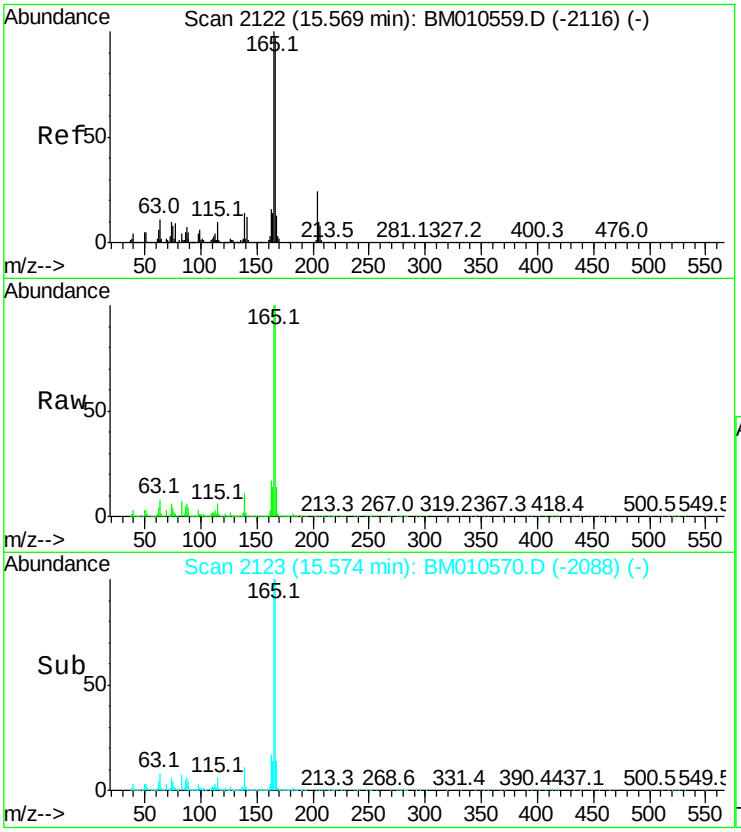


#54
2,4-Dinitrotoluene
Concen: 3.13 ng/ul
RT: 14.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:165 Resp: 18744

Ion	Ratio	Lower	Upper
165	100		
63	656.2	45.8	68.8#
182	7.2	2.6	4.0#



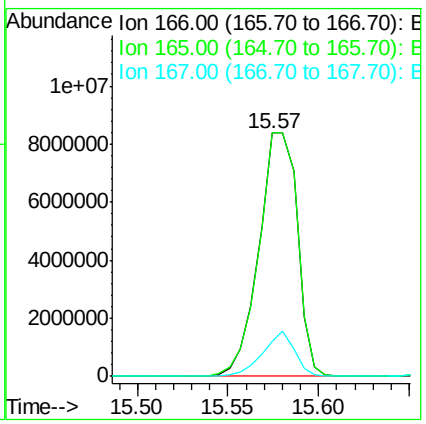


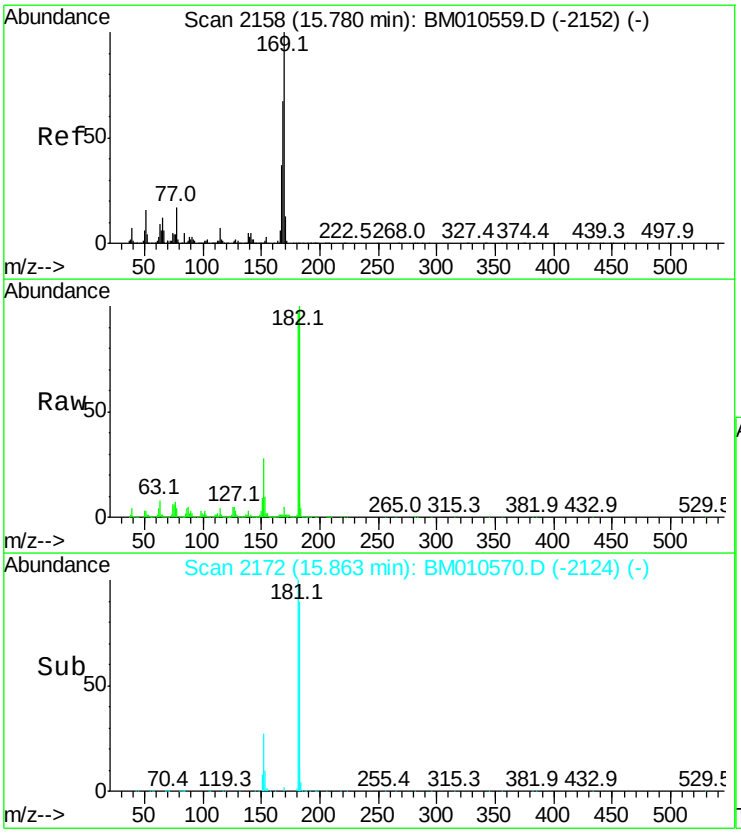
#58
Fluorene
Concen: 564.32 ng/ul
RT: 15.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp:12376767

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.9	116.9
167	14.4	10.6	16.0

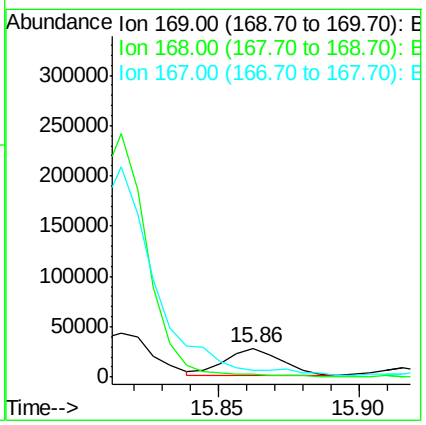


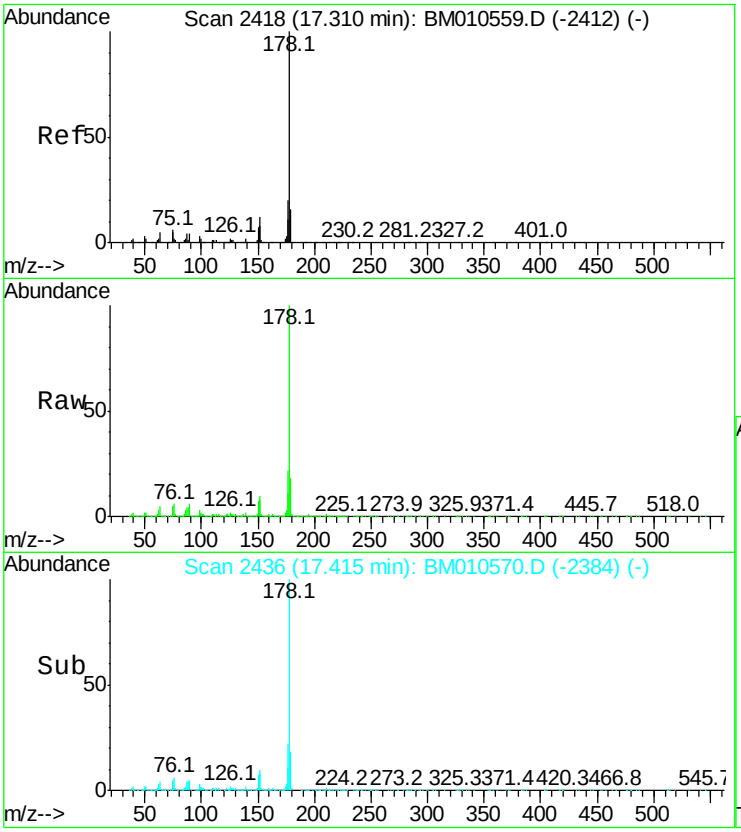


#64
N-Nitrosodiphenylamine
Concen: 14.06 ng/ul
RT: 15.86 min Scan# 2172
Delta R.T. 0.08 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:169 Resp: 36671

Ion	Ratio	Lower	Upper
169	100		
168	11.1	54.0	81.0#
167	21.7	29.1	43.7#



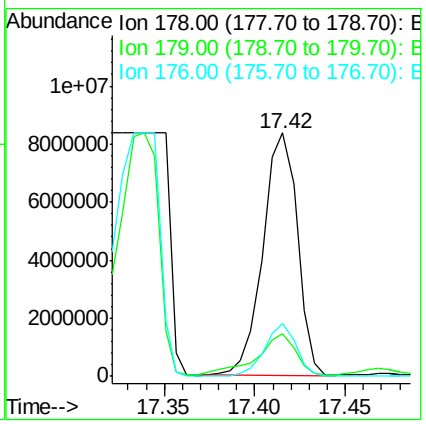


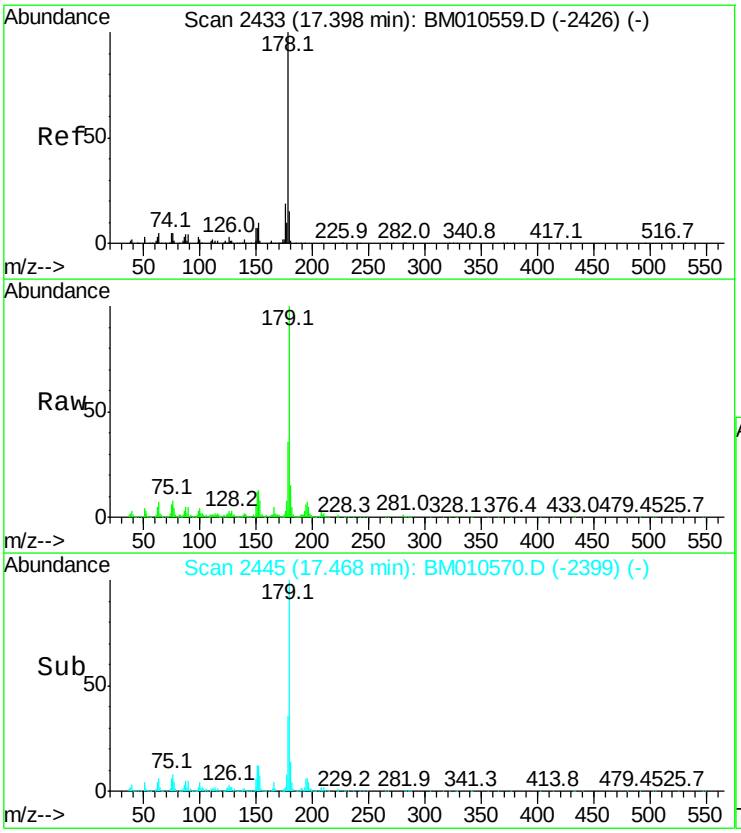
#69
Phenanthrene
Concen: 2314.31 ng/ul
RT: 17.42 min Scan# 2436
Delta R.T. 0.11 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp:11053515

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.6	19.0
176	21.6	14.9	22.3

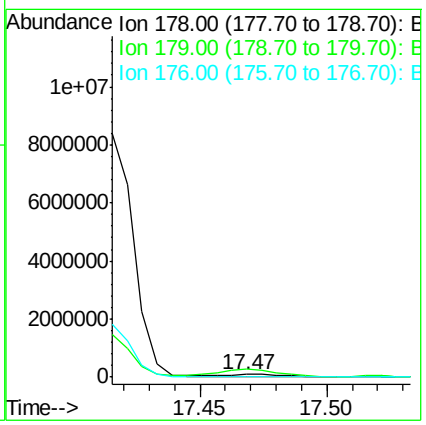


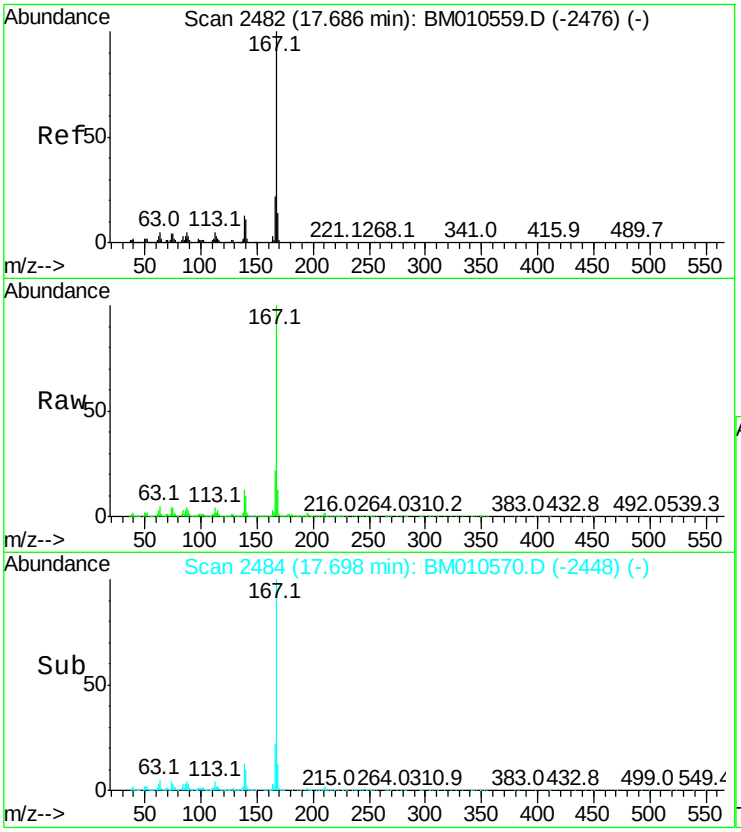


#71
Anthracene
Concen: 28.03 ng/ul
RT: 17.47 min Scan# 2445
Delta R.T. 0.07 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:178 Resp: 139745

Ion	Ratio	Lower	Upper
178	100		
179	275.9	11.7	17.5#
176	7.0	14.6	21.8#



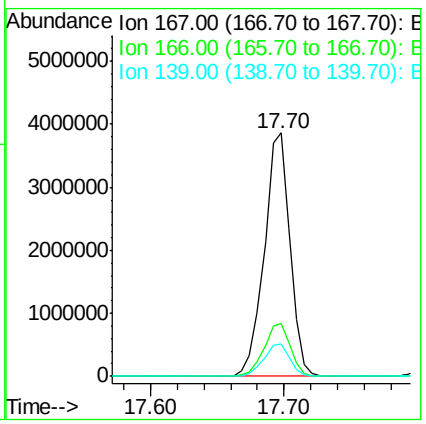


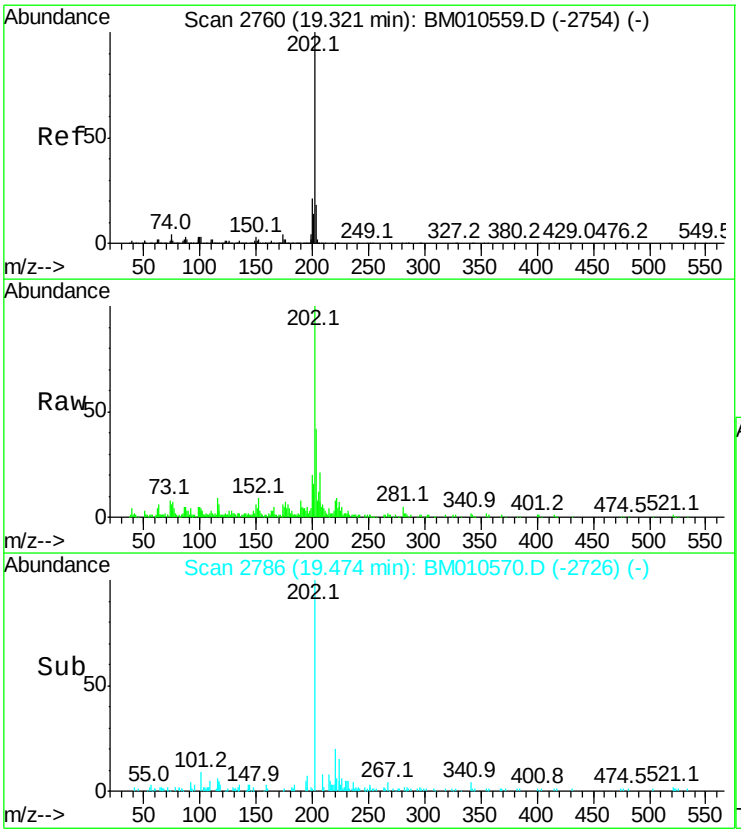
#72
Carbazole
Concen: 1223.49 ng/ul
RT: 17.70 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 5163561

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.5	10.0	15.0

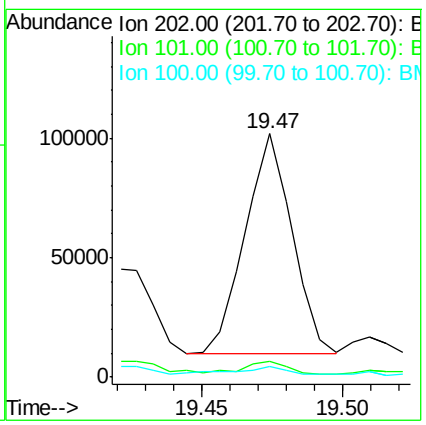


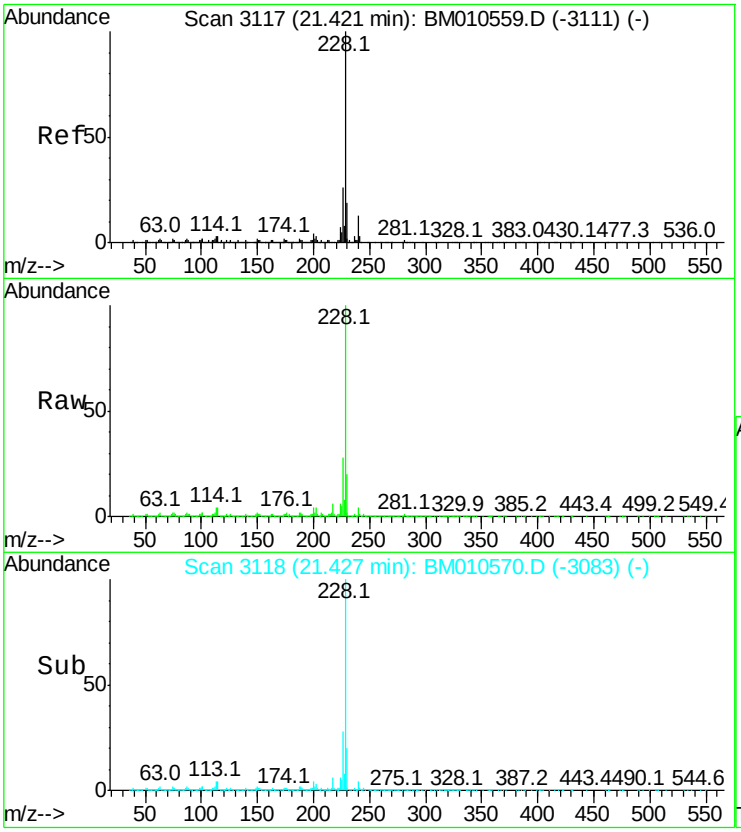


#74
Fluoranthene
Concen: 18.07 ng/ul
RT: 19.47 min Scan# 2786
Delta R.T. 0.15 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:202 Resp: 106158

Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.6	7.0
100	4.5	3.4	5.2



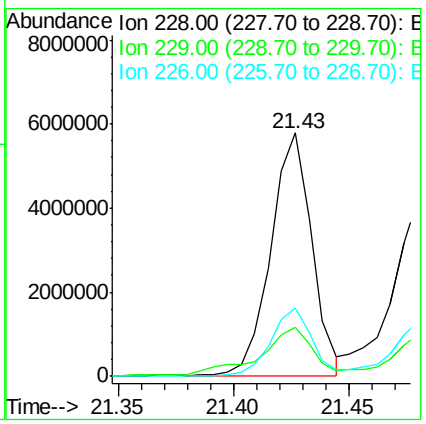


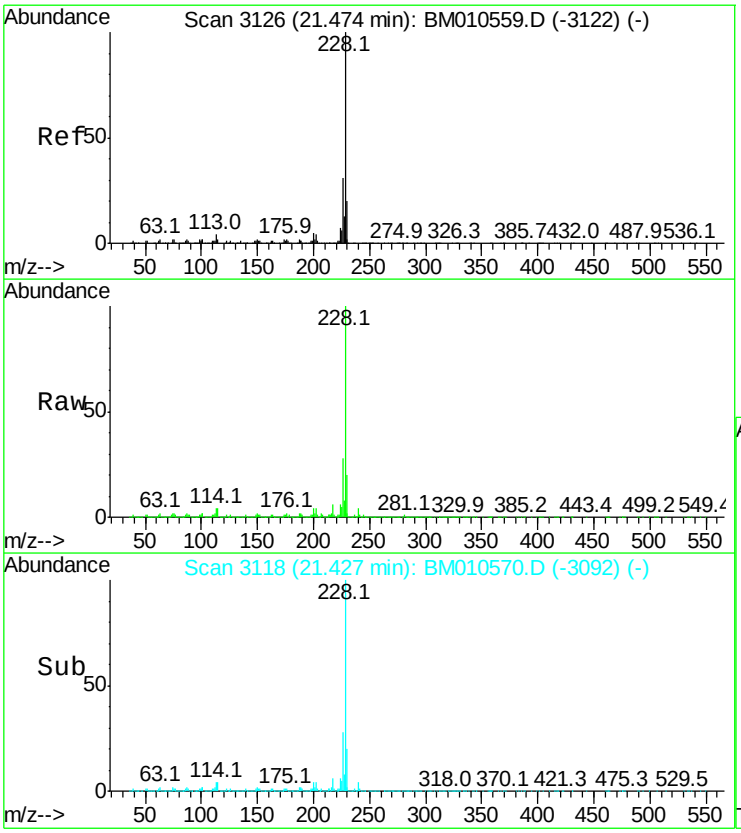
#80
Benzo(a)anthracene
Concen: 99.86 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 7059181

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	28.1	21.4	32.0

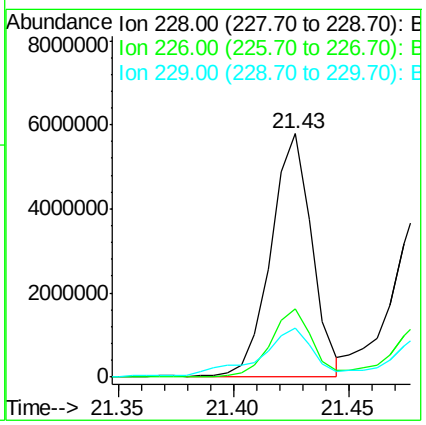


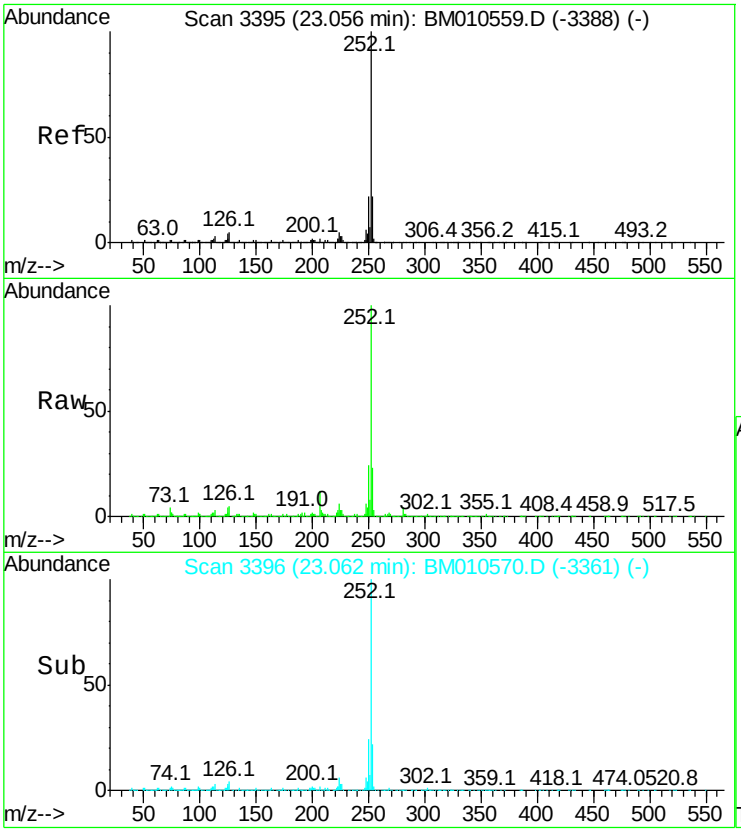


#82
Chrysene
Concen: 110.47 ng/ul
RT: 21.43 min Scan# 3118
Delta R.T. -0.05 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:228 Resp: 7059181

Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.2
229	20.1	15.5	23.3



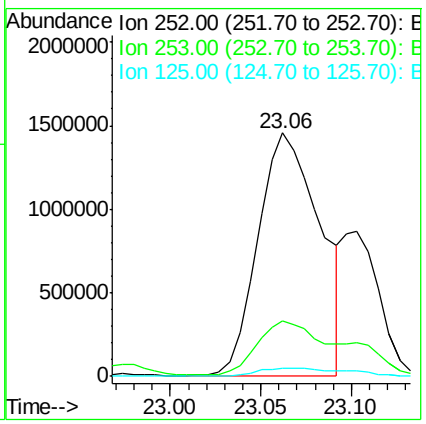


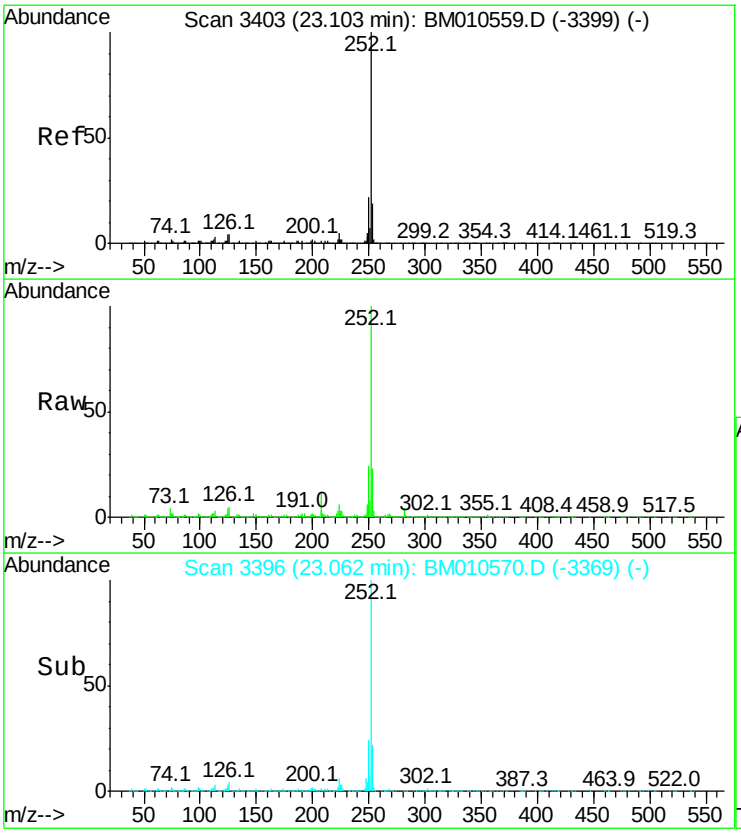
#85
Benzo(b)fluoranthene
Concen: 52.60 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. 0.01 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3453588

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	3.5	3.6	5.4#

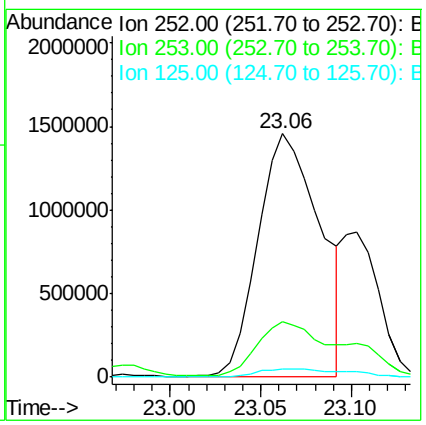


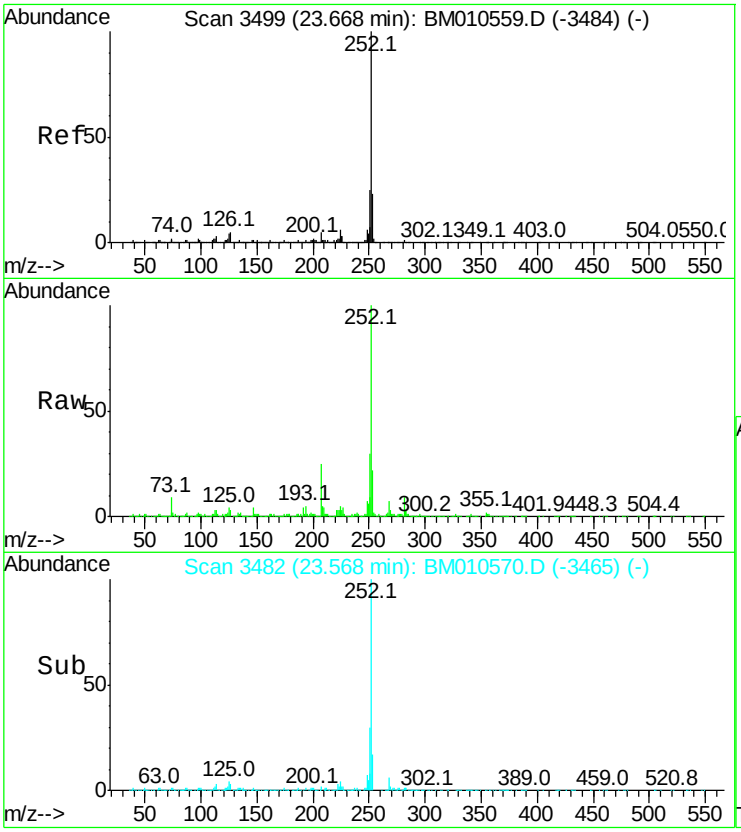


#86
Benzo(k)fluoranthene
Concen: 55.06 ng/ul
RT: 23.06 min Scan# 3396
Delta R.T. -0.04 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:252 Resp: 3453588

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	3.5	3.4	5.2



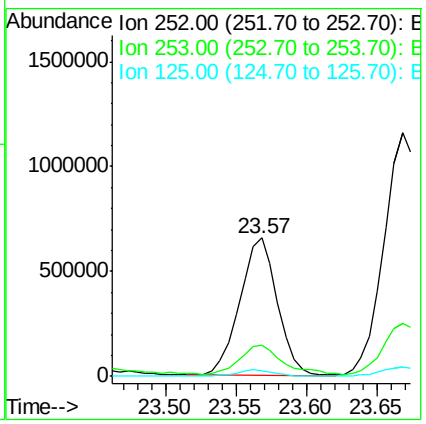


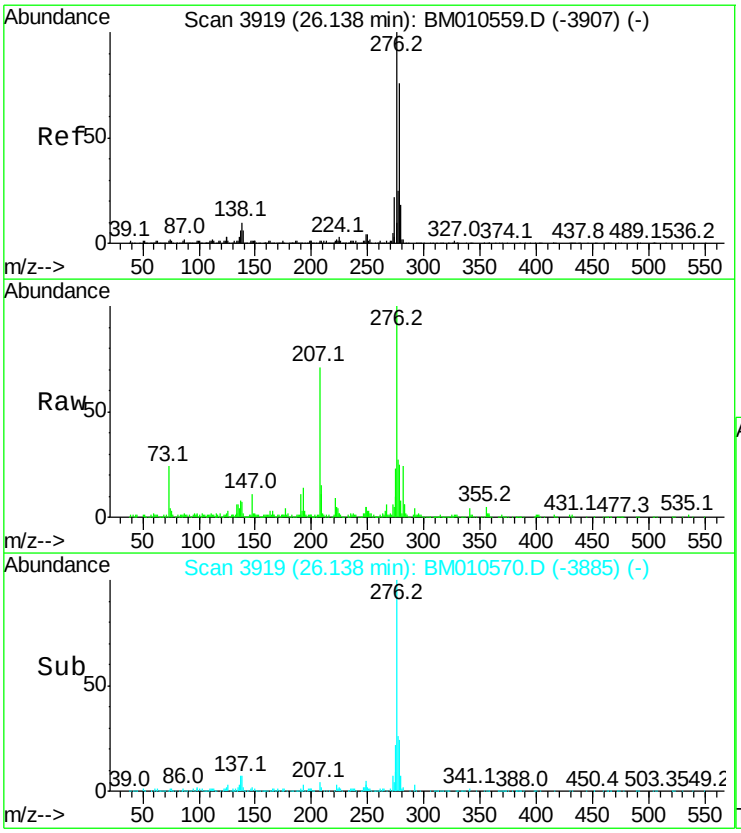
#88
Benzo(a)pyrene
Concen: 18.78 ng/ul
RT: 23.57 min Scan# 3482
Delta R.T. -0.10 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1221917

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	4.4	4.0	6.0

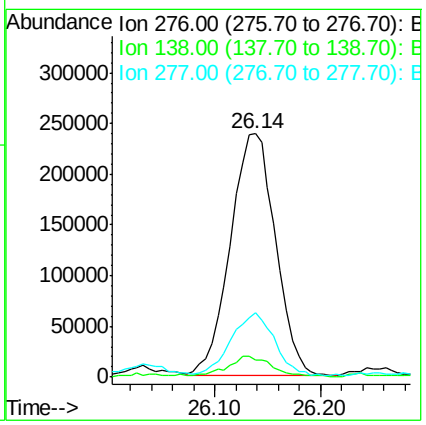


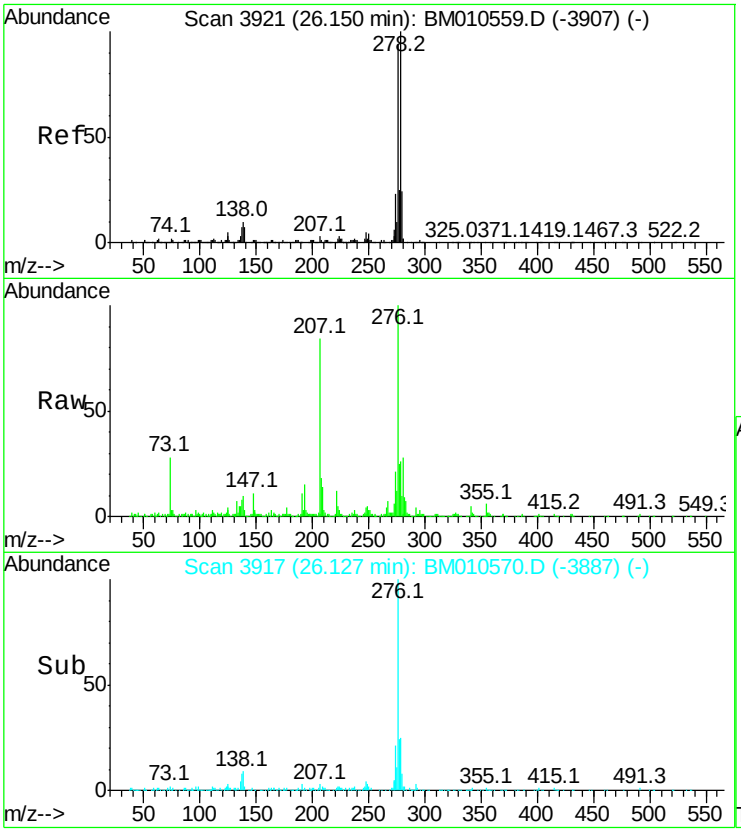


#89
Indeno(1,2,3-cd)pyrene
Concen: 8.60 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. -0.00 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:276 Resp: 706702

Ion	Ratio	Lower	Upper
276	100		
138	7.2	9.3	13.9#
277	26.7	19.9	29.9



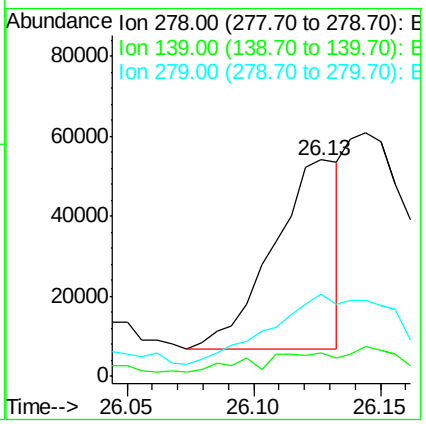


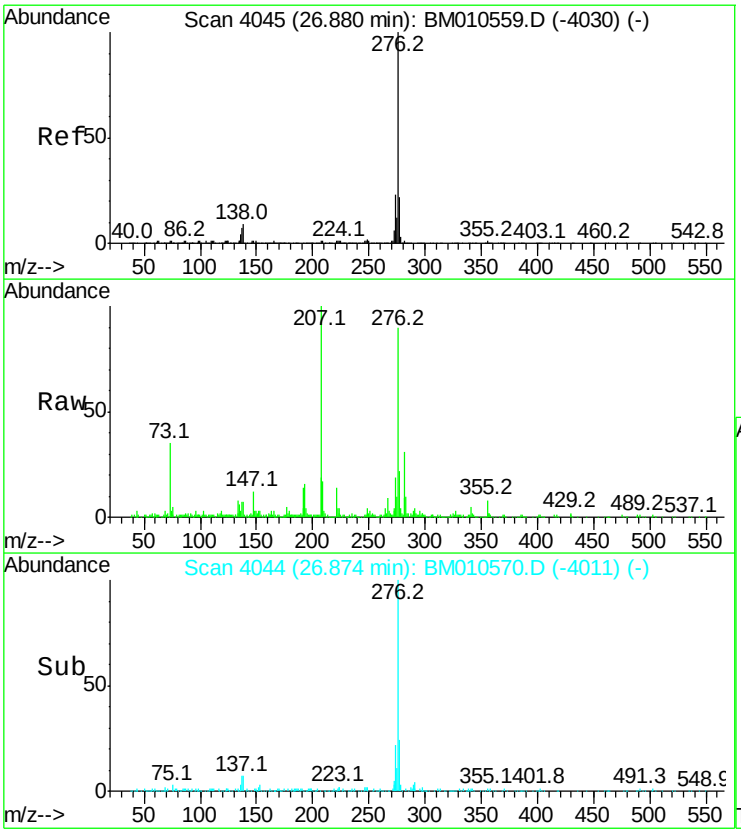
#90
Dibenzo(a,h)anthracene
Concen: 1.22 ng/ul
RT: 26.13 min Scan# 3917
Delta R.T. -0.02 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 86596

Ion	Ratio	Lower	Upper
278	100		
139	10.9	5.8	8.8#
279	38.0	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 7.19 ng/ul
RT: 26.87 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BM010570.D
Acq: 13 Jun 2017 21:08

Tgt Ion:276 Resp: 487109

Ion	Ratio	Lower	Upper
276	100		
138	7.7	8.5	12.7#
277	25.0	18.6	28.0