Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
Data File : BM010574.D
Acq On : 13 Jun 2017 23:33
Operator : SJ/MA
Sample : I3521-11 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jun 14 01:51:10 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	116716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	397406	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	289466	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.37	188	137120	20.00	ng/ul	0.10
75) Chrysene-d12	21.44	240	1178008	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1127766	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	1755	0.62	ng/uL	0.00
5) Phenol-d5	7.07	99	20145	2.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	12370	2.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	19401	2.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	19176	2.69	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	9179	3.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	10742	3.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	24254	3.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	22983	3.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	85284	3.55	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	89237	3.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	9063	2.52	ng/ul	0.00
57) Fluorene-d10	15.51	176	77167	3.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	14138	14.56	ng/ul	0.00
70) Anthracene-d10	17.37	188	136670	20.48	ng/ul	0.00
76) Pyrene-d10	19.66	212	185619	3.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	186449	3.55	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.73	128	63288	3.18	ng/ul	97
30) 4-Chloroaniline	10.73	127	8426	1.31	ng/ul#	51
40) 1,1'-Biphenyl	13.34	154	108163	4.61	ng/ul	97
44) Dimethylphthalate	13.98	163	85515	3.62	ng/ul	100
47) Acenaphthylene	14.24	152	40151	1.46	ng/ul	93
49) Acenaphthene	14.58	153	491610	25.57	ng/ul	99
52) 4-Nitrophenol	14.92	109	5600	1.14	ng/ul#	1
53) Dibenzofuran	14.92	168	704805	24.79	ng/ul	96
58) Fluorene	15.57	166	964454	41.35	ng/ul	97
64) N-Nitrosodiphenylamine	15.86	169	10097	2.53	ng/ul#	53
69) Phenanthrene	17.40	178	2478700	338.61	ng/ul	99
71) Anthracene	17.40	178	2478700	324.35	ng/ul	99
74) Fluoranthene	19.33	202	10451768	1161.08	ng/ul#	97
77) Pyrene	19.69	202	6315574	104.04	ng/ul#	94
80) Benzo(a)anthracene	21.42	228	2181012	32.83	ng/ul	99
82) Chrysene	21.47	228	2179381	36.29	ng/ul	98
85) Benzo(b)fluoranthene	23.06	252	1010934	15.41	ng/ul	98
86) Benzo(k)fluoranthene	23.06	252	1010934	16.13	ng/ul	96
88) Benzo(a)pyrene	23.56	252	380255	5.85	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.13	276	221883	2.70	ng/ul#	95
91) Benzo(g,h,i)perylene	26.87	276	149748	2.21	ng/ul#	94

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061317\
Data File : BM010574.D
Acq On : 13 Jun 2017 23:33
Operator : SJ/MA
Sample : I3521-11 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jun 14 01:51:10 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 : BM010574.D
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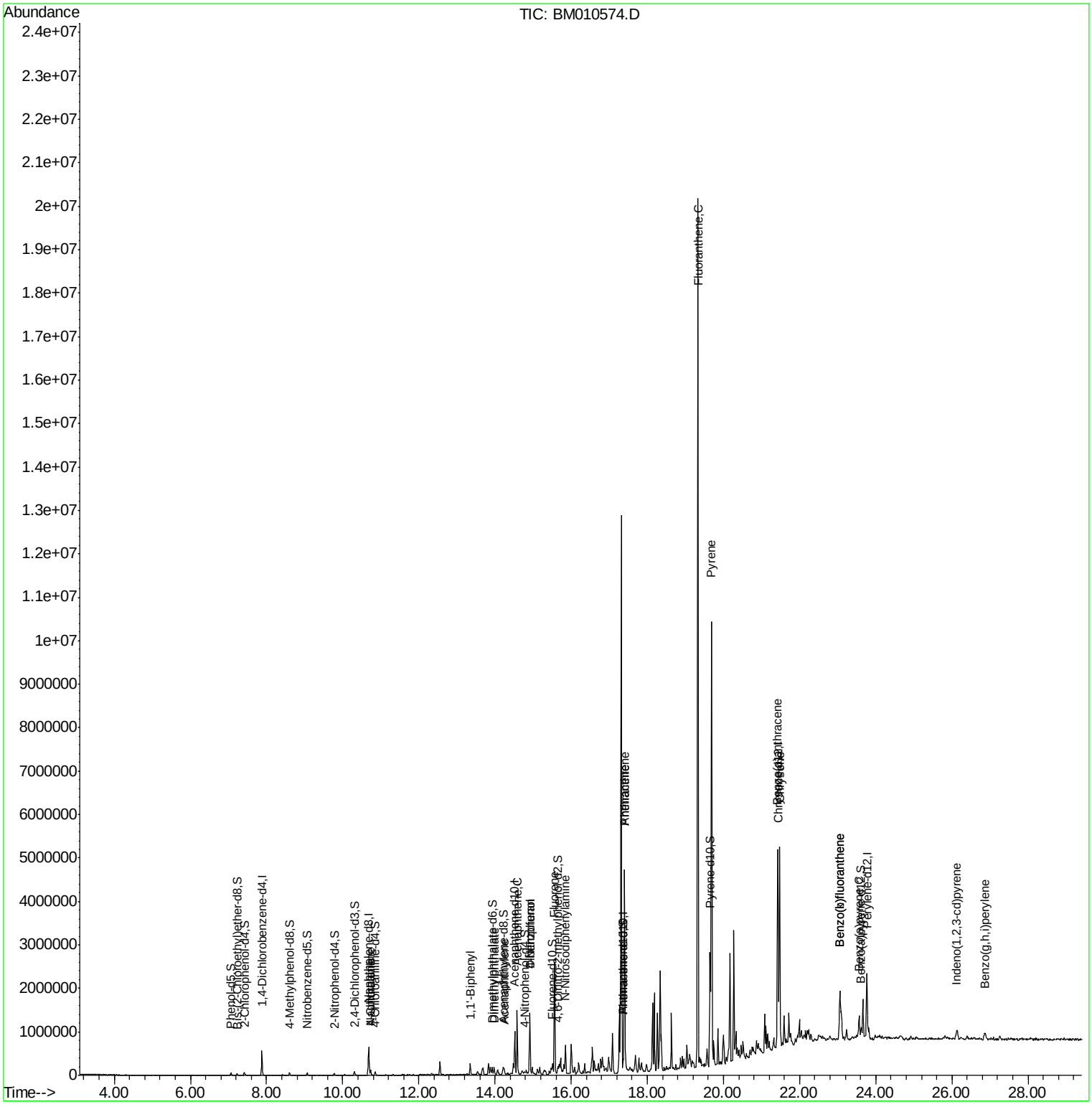
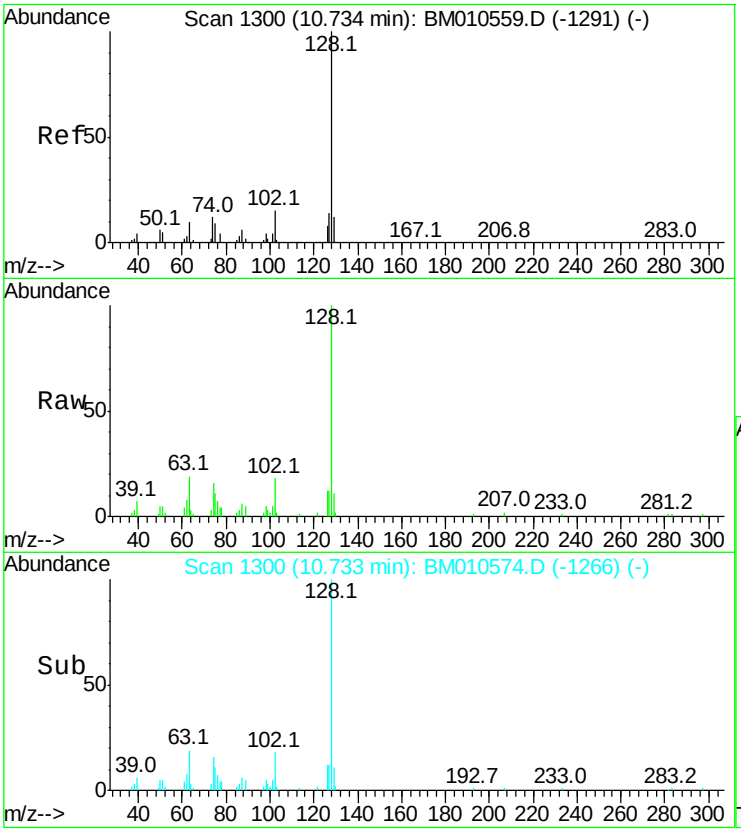
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration



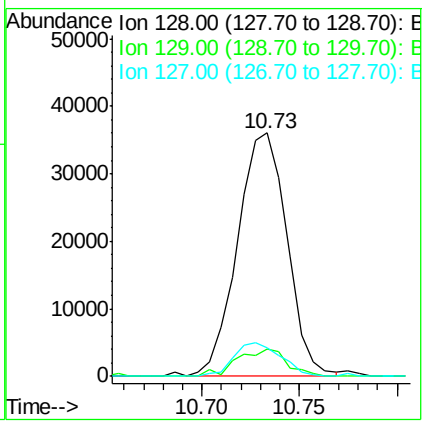


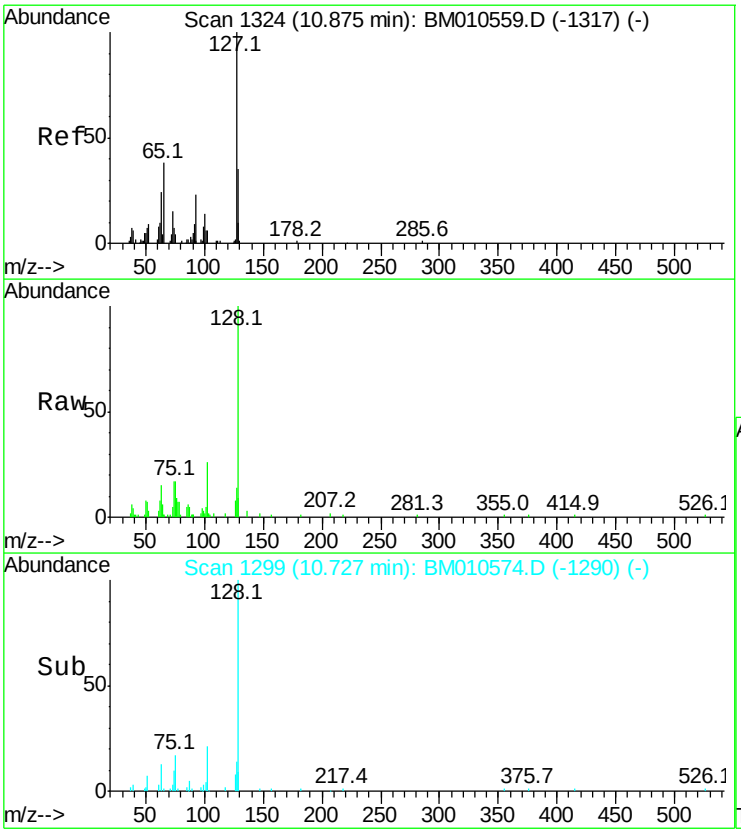
#28
Naphthalene
Concen: 3.18 ng/ul
RT: 10.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 63288

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	11.7	10.6	16.0

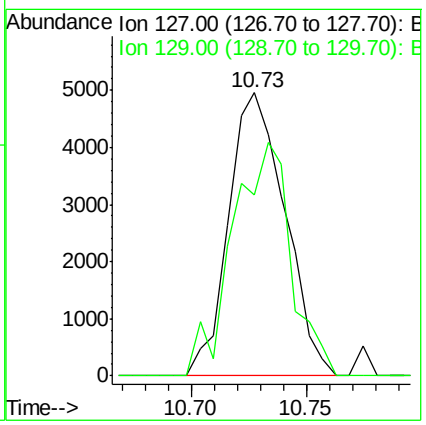


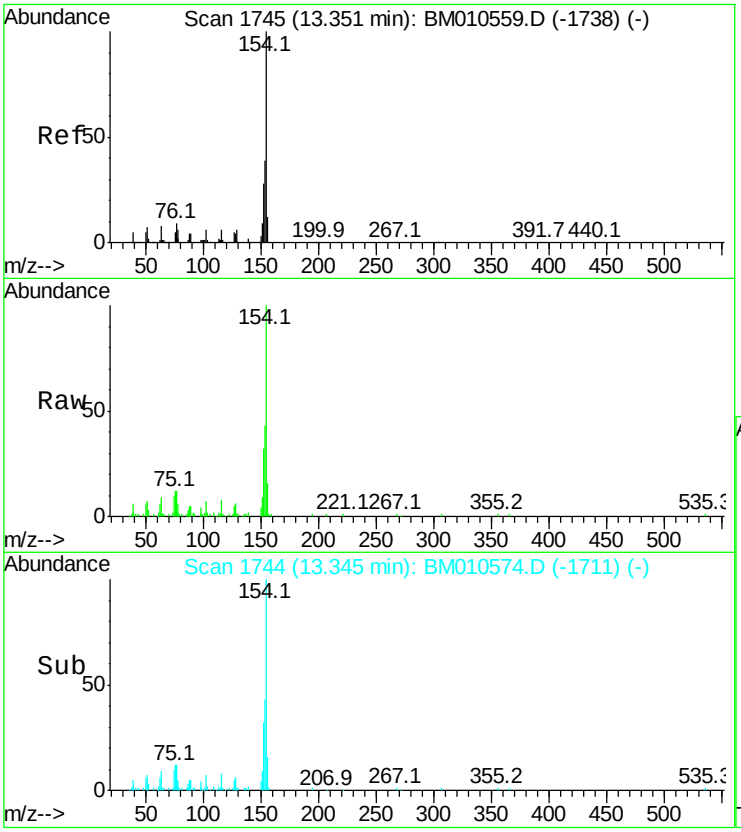


#30
4-Chloroaniline
Concen: 1.31 ng/ul
RT: 10.73 min Scan# 1299
Delta R.T. -0.15 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:127 Resp: 8426

Ion	Ratio	Lower	Upper
127	100		
129	64.1	28.4	42.6#



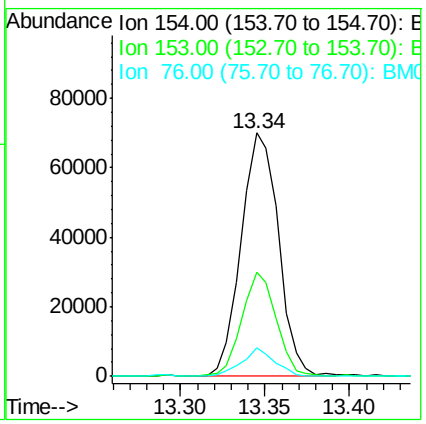


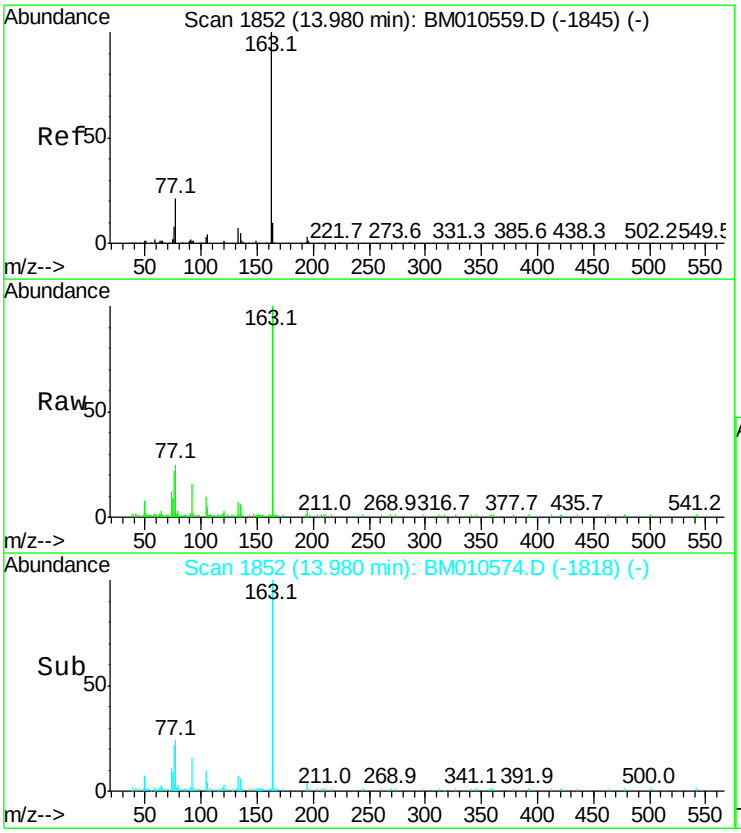
#40
1,1'-Biphenyl
Concen: 4.61 ng/ul
RT: 13.34 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 108163

Ion	Ratio	Lower	Upper
154	100		
153	42.6	32.6	48.8
76	11.9	8.5	12.7

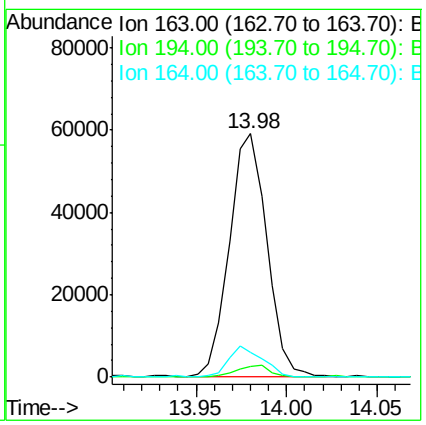


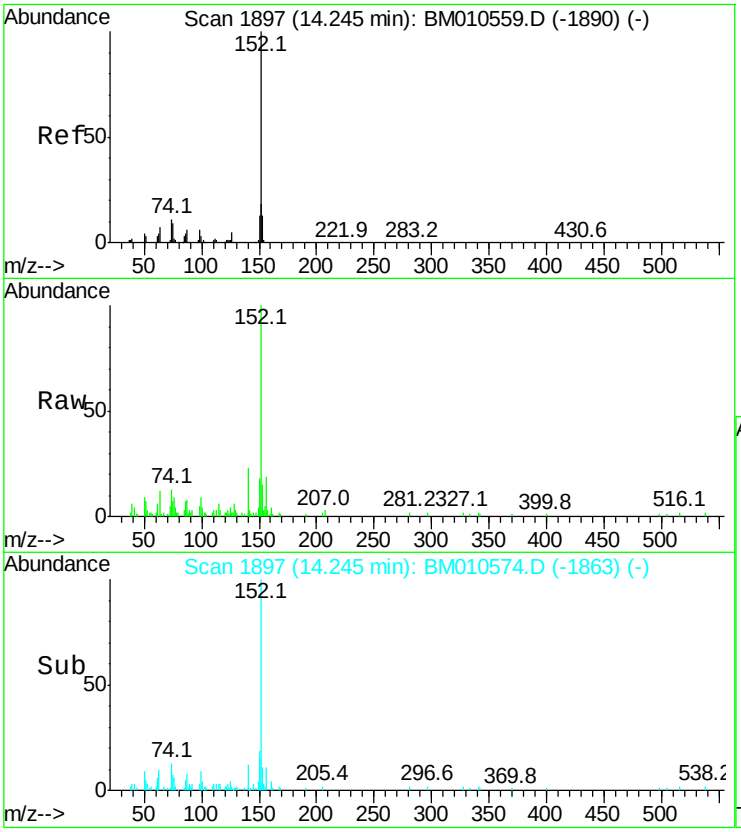


#44
Dimethylphthalate
Concen: 3.62 ng/ul
RT: 13.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:163 Resp: 85515

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.2	8.2	12.4



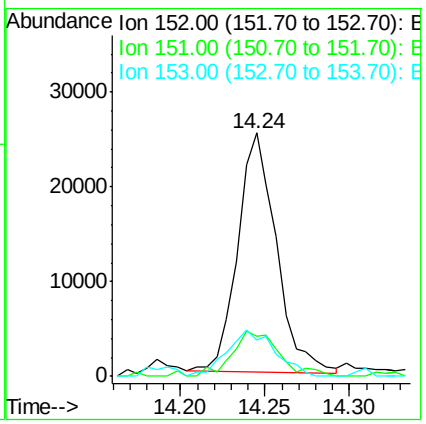


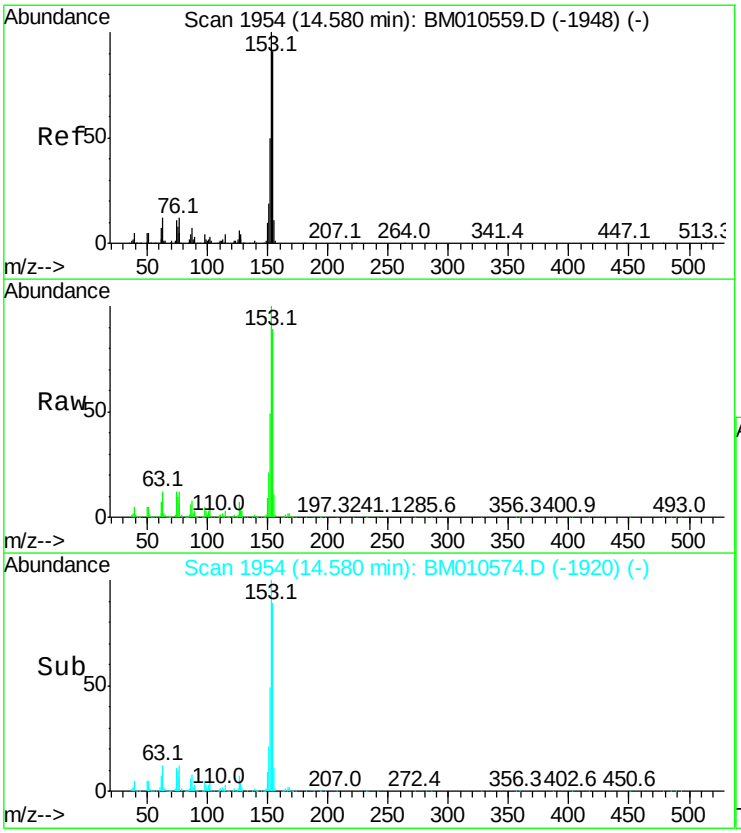
#47
Acenaphthylene
Concen: 1.46 ng/ul
RT: 14.24 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 40151

Ion	Ratio	Lower	Upper
152	100		
151	16.7	16.3	24.5
153	14.8	10.2	15.4

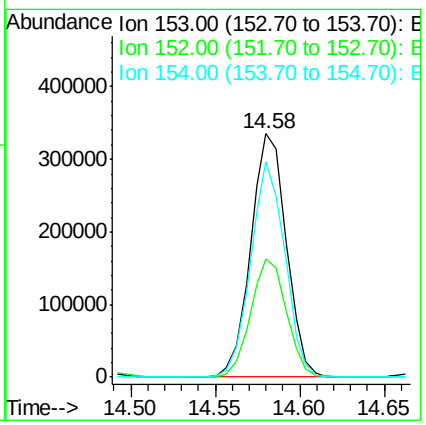


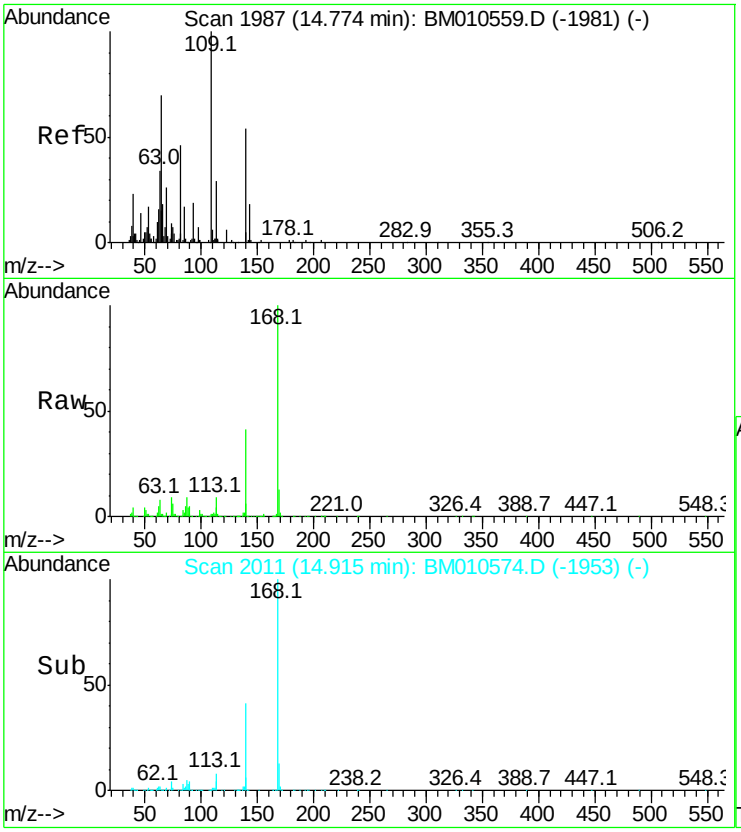


#49
Acenaphthene
Concen: 25.57 ng/ul
RT: 14.58 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:153 Resp: 491610

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.6	56.4
154	88.7	70.4	105.6



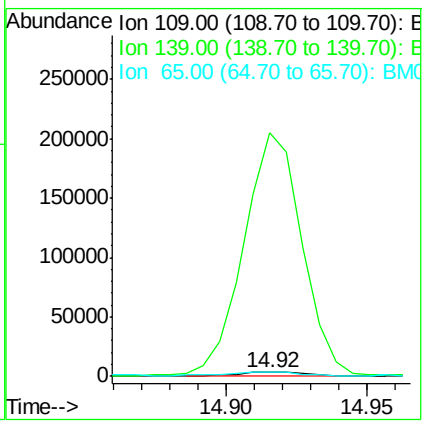


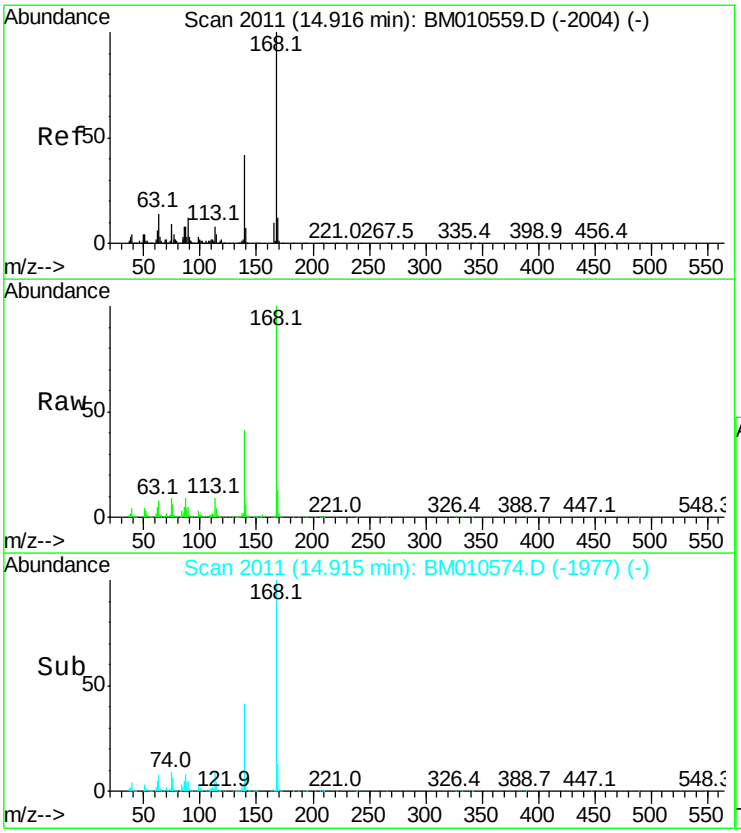
#52
4-Nitrophenol
Concen: 1.14 ng/ul
RT: 14.92 min Scan# 2011
Delta R.T. 0.14 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:109 Resp: 5600

Ion	Ratio	Lower	Upper
109	100		
139	6007.9	66.6	100.0#
65	97.4	78.3	117.5

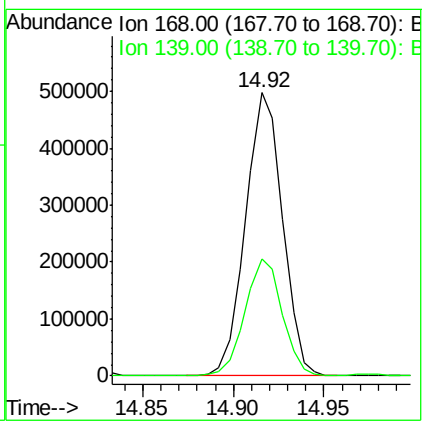


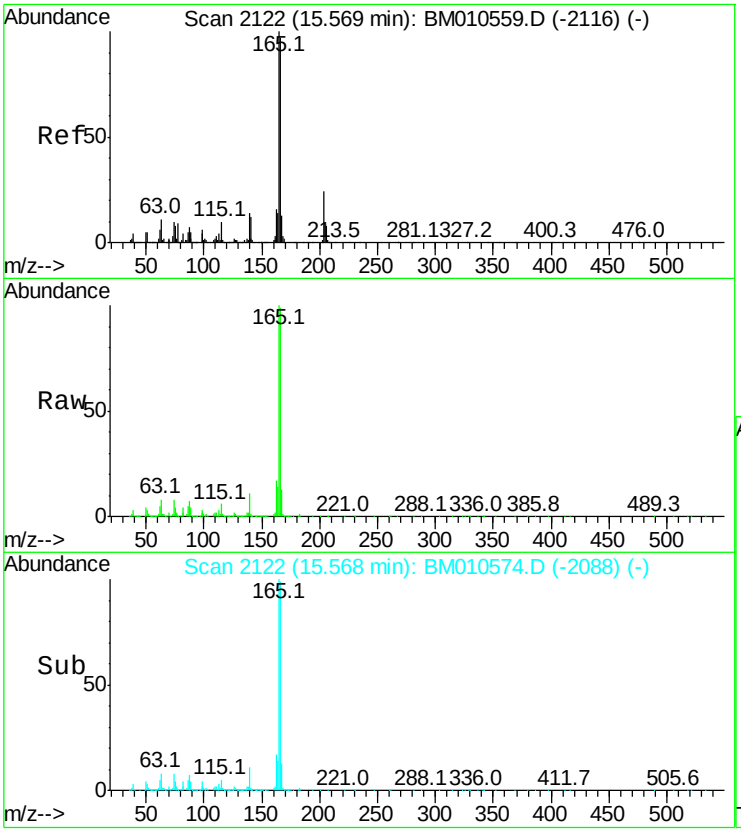


#53
Dibenzofuran
Concen: 24.79 ng/ul
RT: 14.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:168 Resp: 704805

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.8	46.2



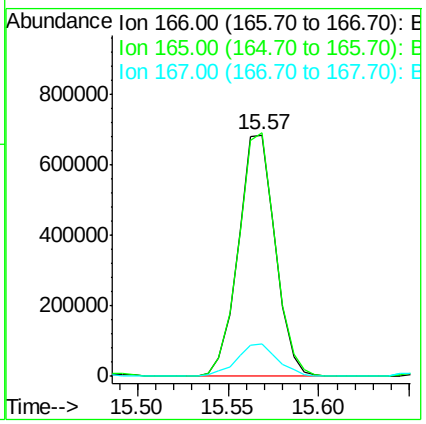


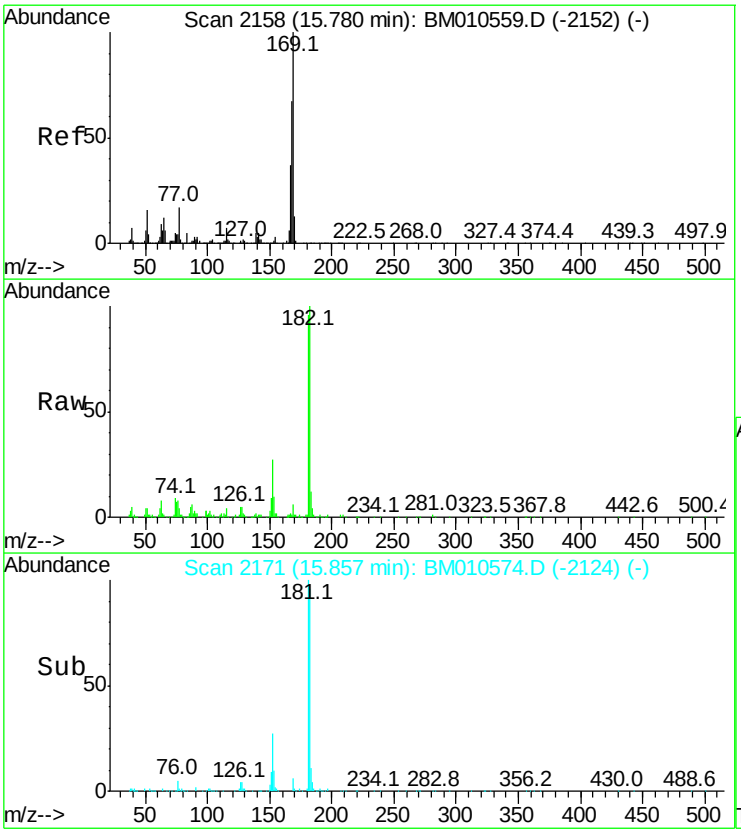
#58
Fluorene
Concen: 41.35 ng/ul
RT: 15.57 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 964454

Ion	Ratio	Lower	Upper
166	100		
165	100.9	77.9	116.9
167	13.3	10.6	16.0

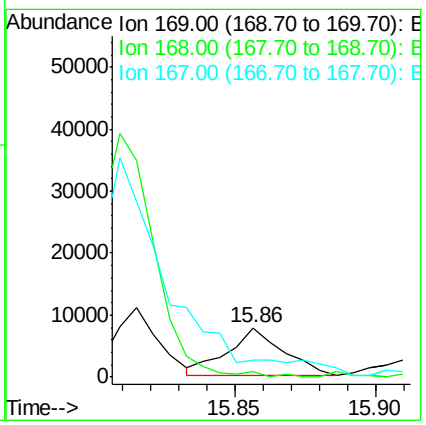


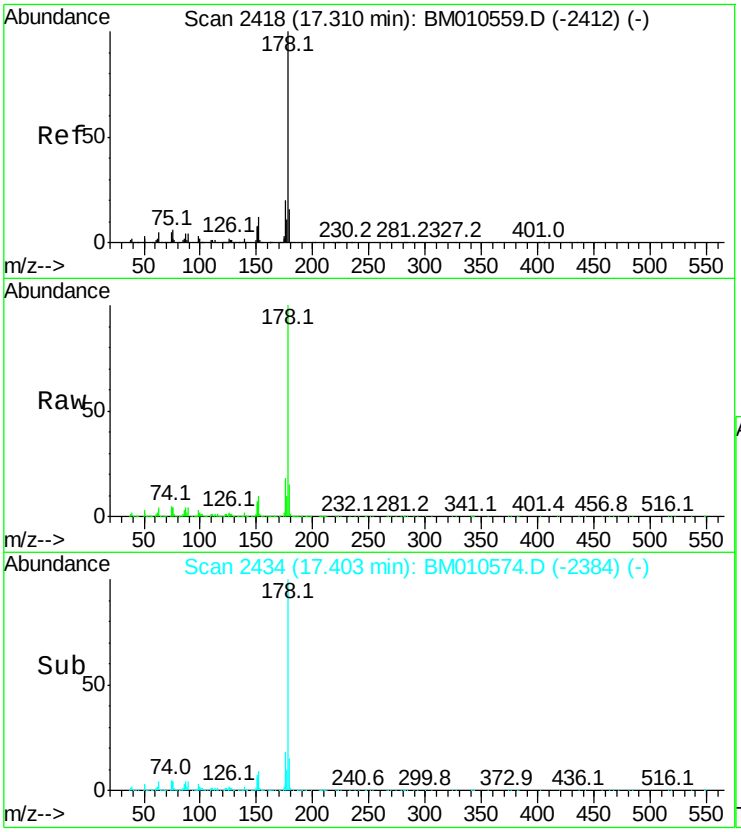


#64
N-Nitrosodiphenylamine
Concen: 2.53 ng/ul
RT: 15.86 min Scan# 2171
Delta R.T. 0.08 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:169 Resp: 10097

Ion	Ratio	Lower	Upper
169	100		
168	10.2	54.0	81.0#
167	34.9	29.1	43.7



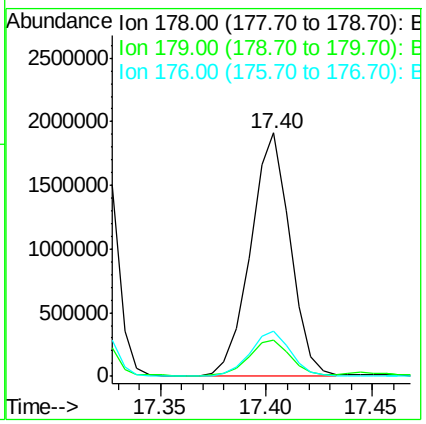


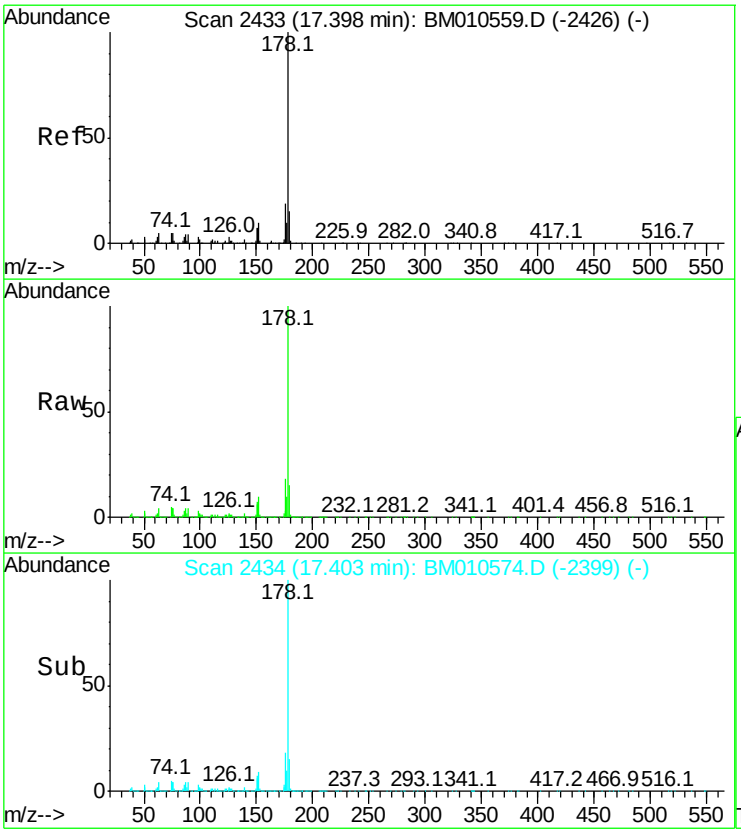
#69
Phenanthrene
Concen: 338.61 ng/ul
RT: 17.40 min Scan# 2434
Delta R.T. 0.09 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2478700

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.4	14.9	22.3

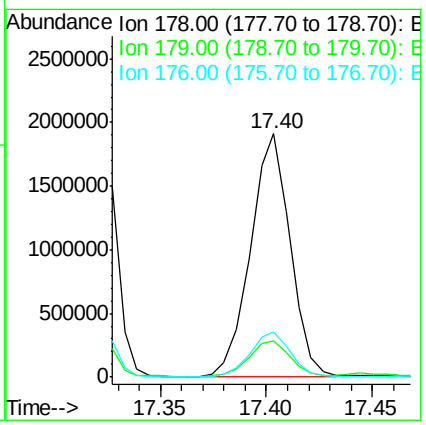


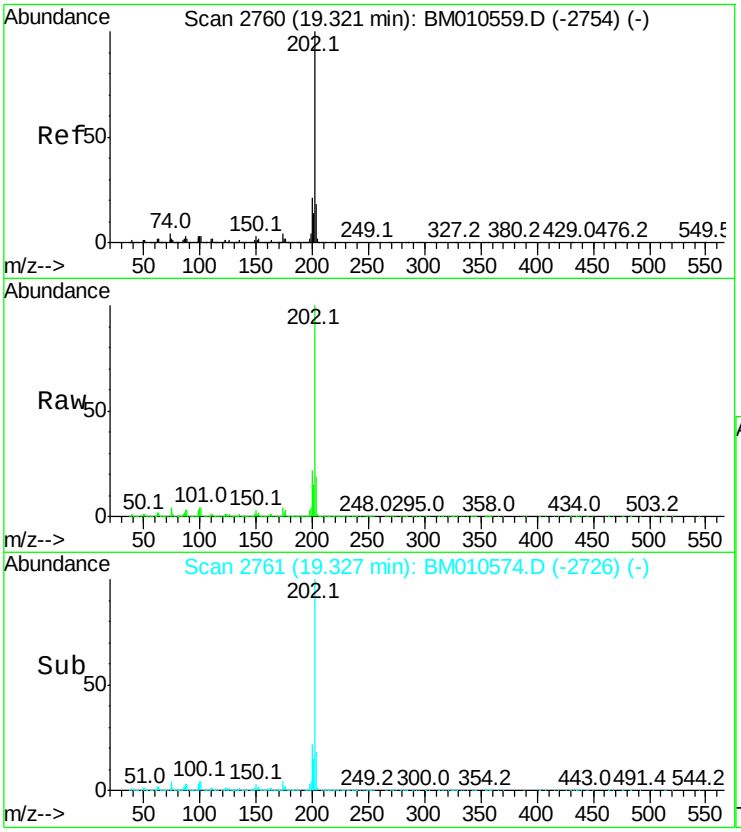


#71
Anthracene
Concen: 324.35 ng/ul
RT: 17.40 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:178 Resp: 2478700

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	18.4	14.6	21.8



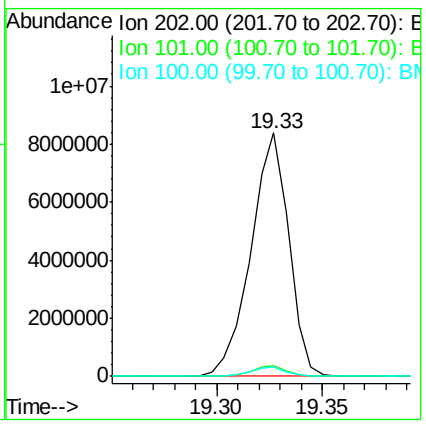


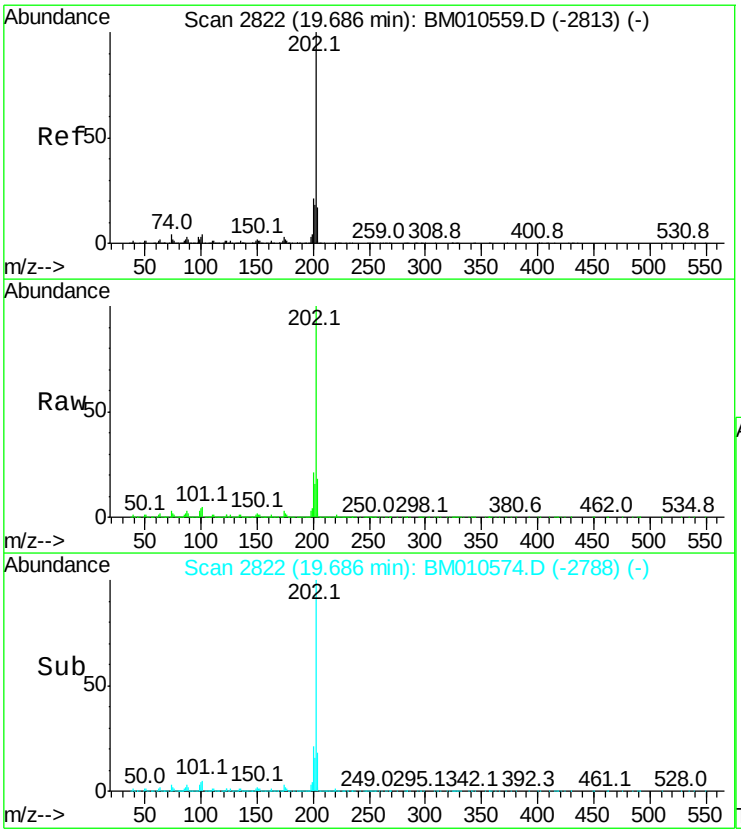
#74
Fluoranthene
Concen: 1161.08 ng/ul
RT: 19.33 min Scan# 2761
Delta R.T. 0.01 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp:10451768

Ion	Ratio	Lower	Upper
202	100		
101	4.4	4.6	7.0#
100	3.7	3.4	5.2

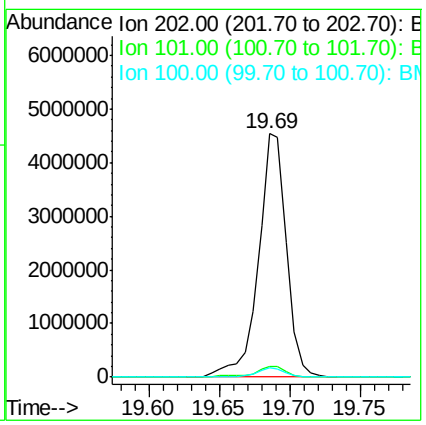


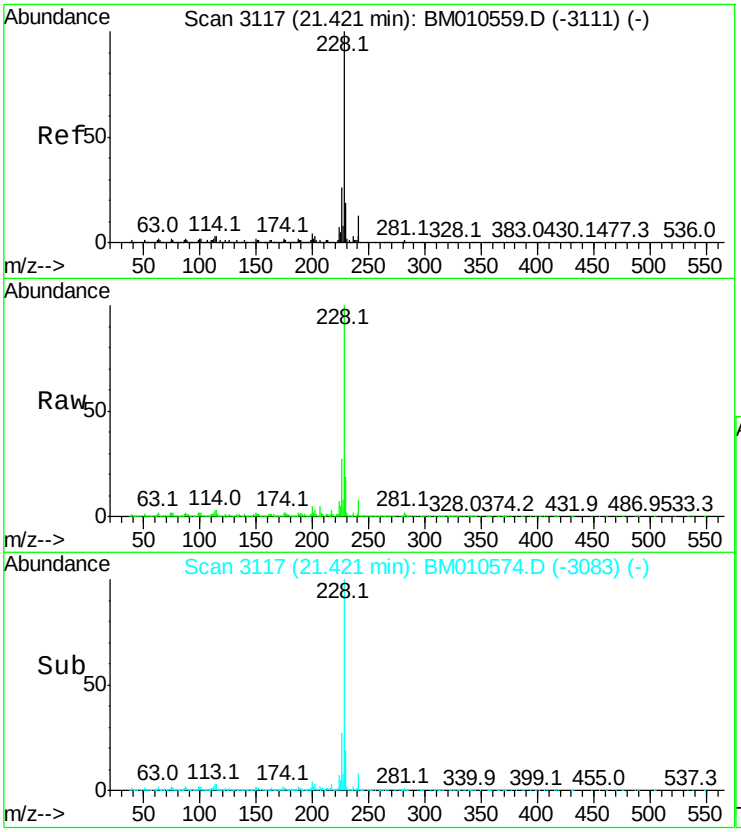


#77
Pyrene
Concen: 104.04 ng/ul
RT: 19.69 min Scan# 2822
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:202 Resp: 6315574

Ion	Ratio	Lower	Upper
202	100		
101	4.5	5.1	7.7#
100	3.9	4.9	7.3#



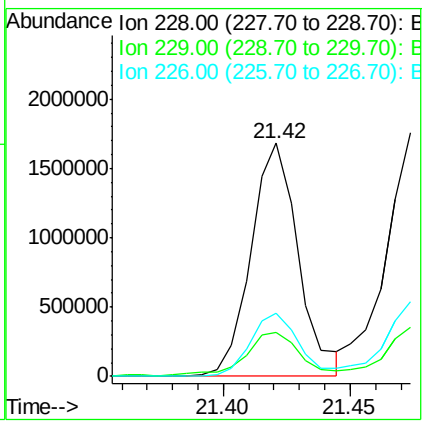


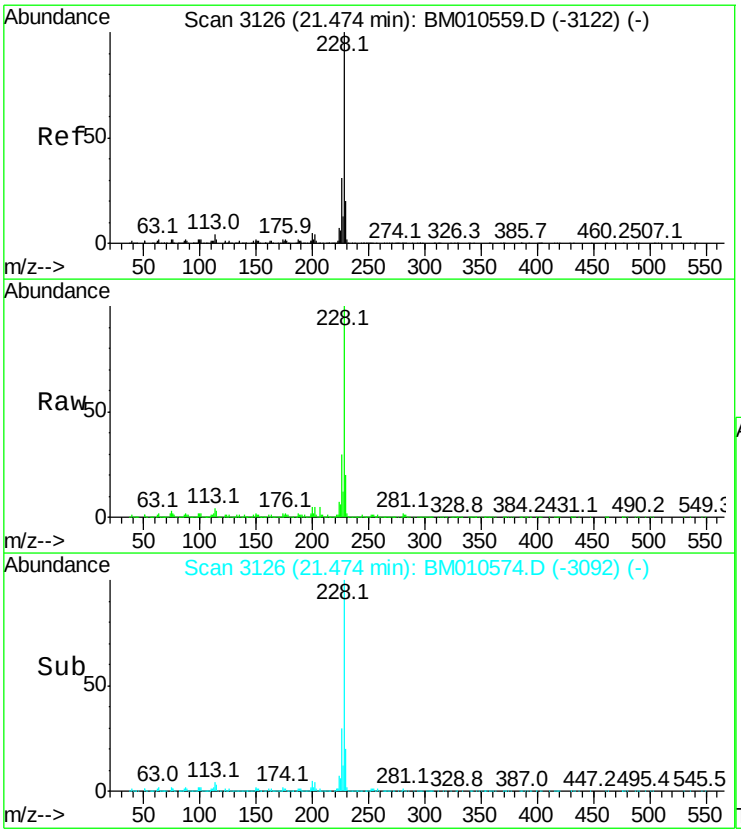
#80
Benzo(a)anthracene
Concen: 32.83 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2181012

Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.4	23.0
226	27.3	21.4	32.0

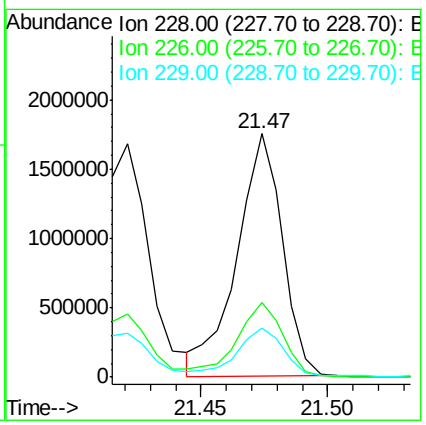


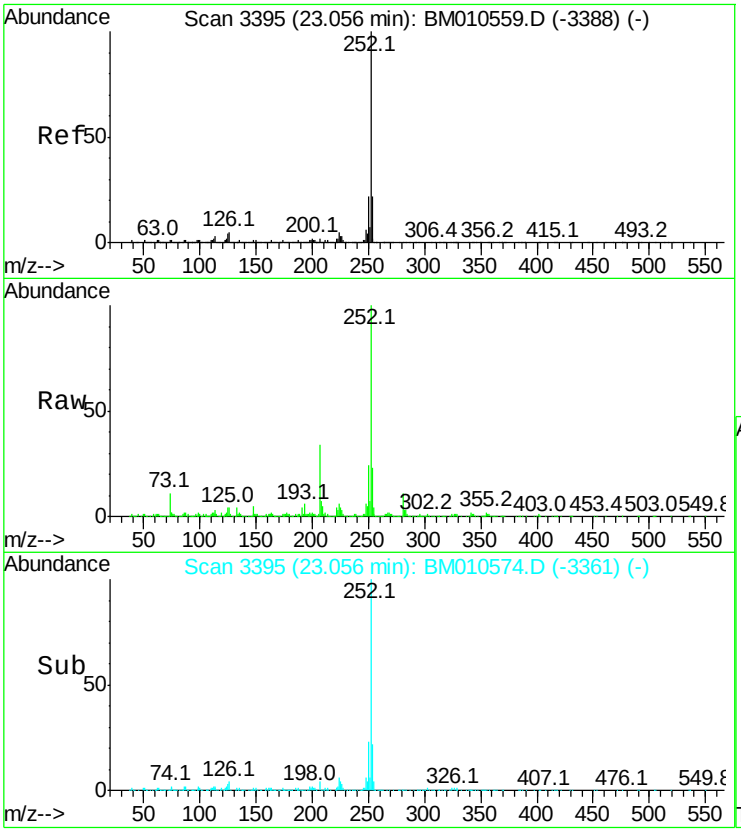


#82
Chrysene
Concen: 36.29 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:228 Resp: 2179381

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	20.1	15.5	23.3



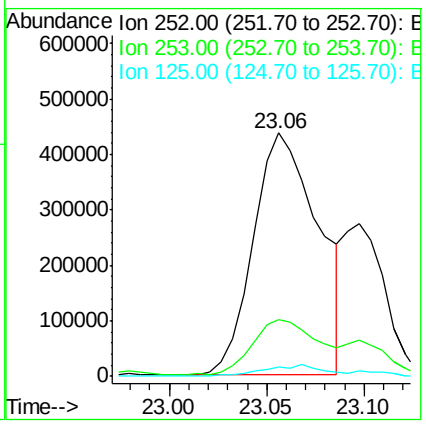


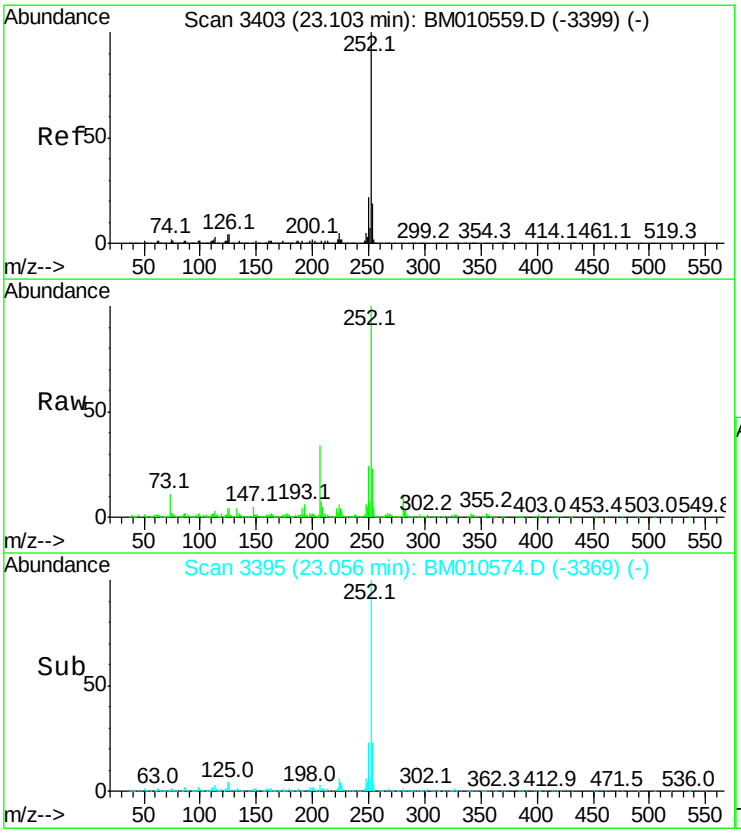
#85
Benzo(b)fluoranthene
Concen: 15.41 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. -0.00 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1010934

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	3.7	3.6	5.4

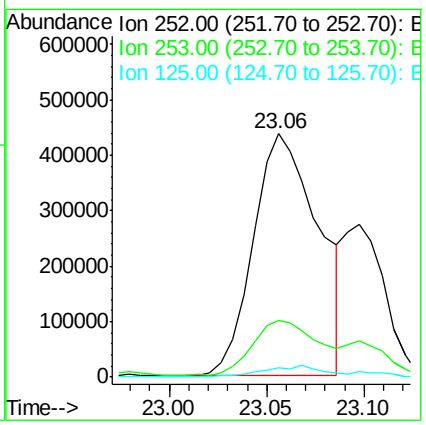


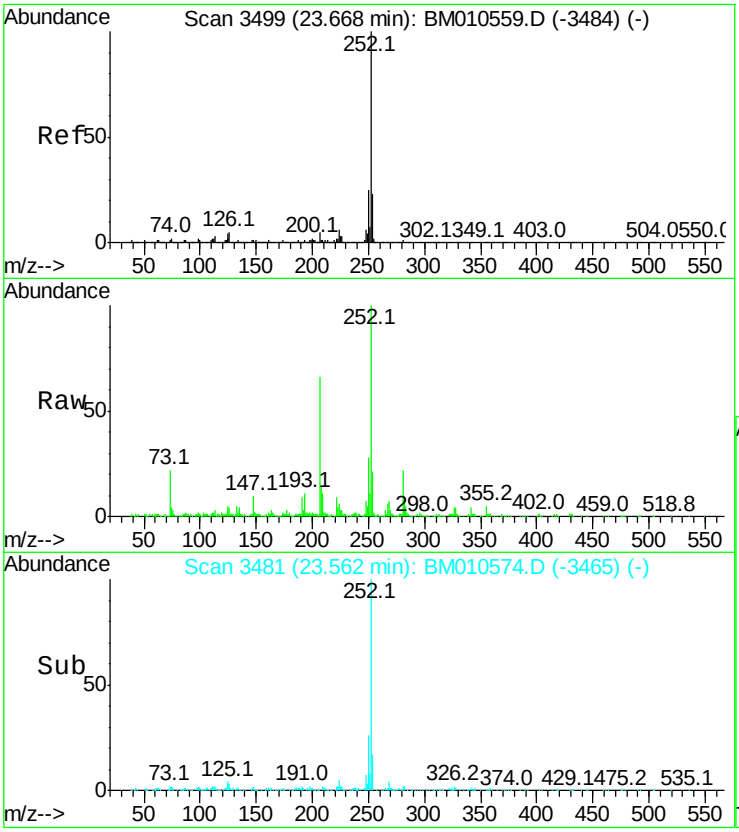


#86
Benzo(k)fluoranthene
Concen: 16.13 ng/ul
RT: 23.06 min Scan# 3395
Delta R.T. -0.05 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:252 Resp: 1010934

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	3.7	3.4	5.2



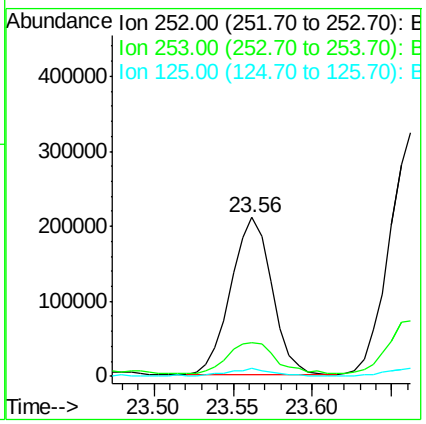


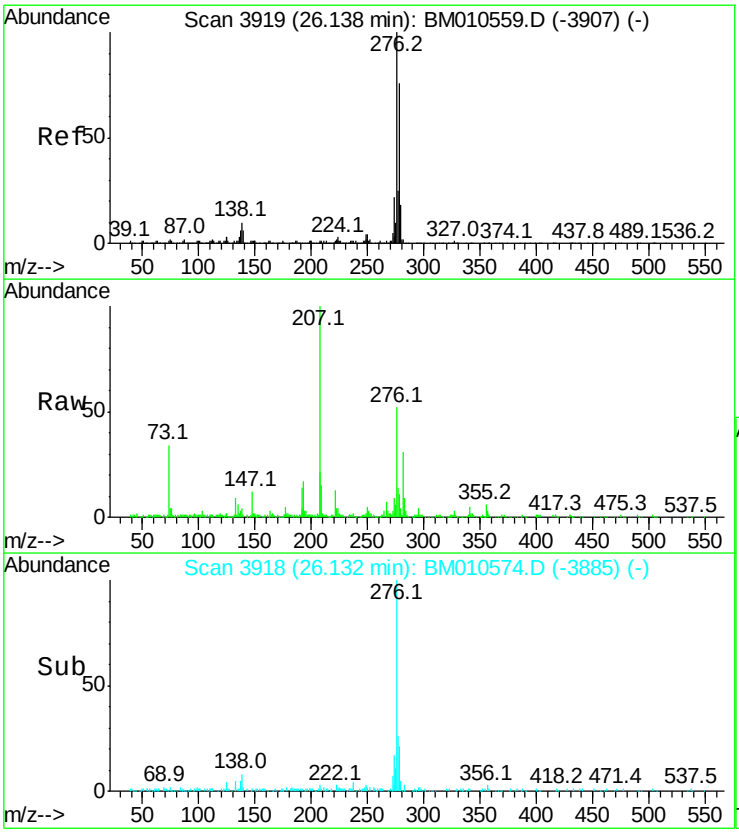
#88
Benzo(a)pyrene
Concen: 5.85 ng/ul
RT: 23.56 min Scan# 3481
Delta R.T. -0.11 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 380255

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.2
125	4.7	4.0	6.0

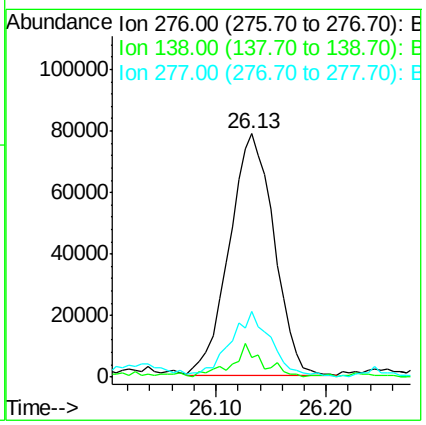


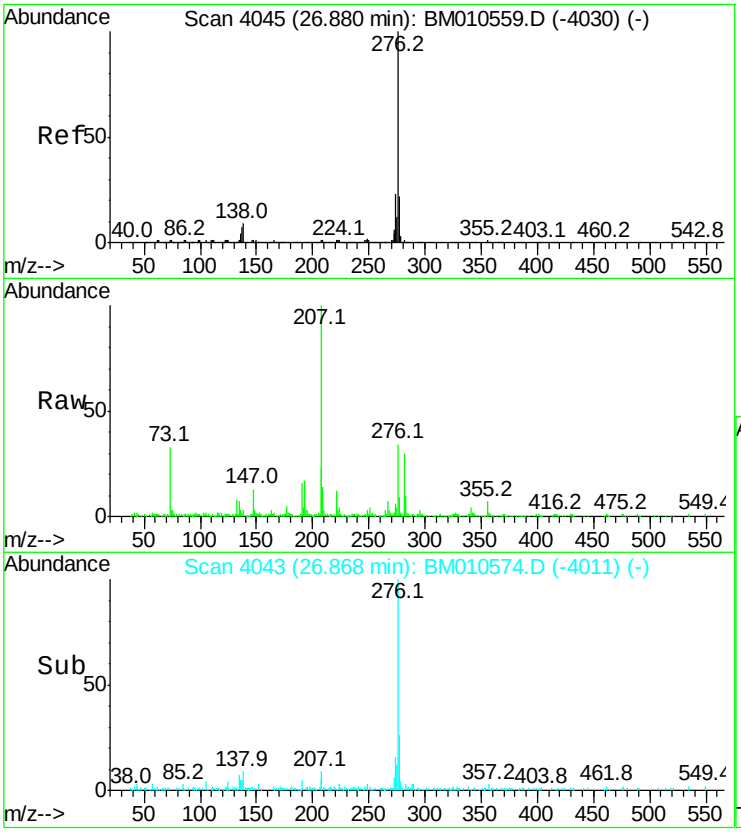


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.70 ng/ul
RT: 26.13 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Tgt Ion:276 Resp: 221883

Ion	Ratio	Lower	Upper
276	100		
138	8.1	9.3	13.9#
277	26.8	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 2.21 ng/ul
RT: 26.87 min Scan# 4043
Delta R.T. -0.01 min
Lab File: BM010574.D
Acq: 13 Jun 2017 23:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 149748

Ion	Ratio	Lower	Upper
276	100		
138	8.5	8.5	12.7#
277	26.2	18.6	28.0