Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\

Quantitation Report (Not Reviewed)

Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Time: Feb 25 05:57:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 05:55:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	381054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1602927	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1029178	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2183964	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1545496	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	1535488	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	52707	5.75	ng/uL	0.00
5) Phenol-d5	6.83	99	1027696	35.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	575500	34.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	913059	39.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	738656	32.34	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	605343	55.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	525195	53.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	953606	40.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1005509	36.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2958912	40.97	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3561639	40.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	497988	39.60	ng/ul	0.00
58) Fluorene-d10	15.29	176	2604720	40.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	1065	0.12	ng/ul	-0.04
71) Anthracene-d10	17.14	188	3615217	37.58	ng/ul	0.00
79) Pyrene-d10	19.39	212	3971137	50.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3192723	43.05	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.79	77	19788	1.123	ng/ul	95
28) Naphthalene	10.48	128	136522	1.594	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	63199	1.070	ng/ul	99
45) Dimethylphthalate	13.75	163	172307	2.267	ng/ul	99
48) Acenaphthylene	14.00	152	154860	1.605	ng/ul	98
50) Acenaphthene	14.35	153	136579	2.072	ng/ul	99
54) Dibenzofuran	14.69	168	131625	1.418	ng/ul	96
59) Fluorene	15.34	166	147182	1.993	ng/ul#	95
70) Phenanthrene	17.08	178	2265128	18.807	ng/ul	100
72) Anthracene	17.17	178	503215	4.230	ng/ul	99
75) Carbazole	17.44	167	212708	2.144	ng/ul	99
77) Fluoranthene	19.06	202	3469009	26.897	ng/ul	95
80) Pyrene	19.42	202	2905138	27.635	ng/ul	96
83) Benzo(a)anthracene	21.12	228	1540179	15.133	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	93091	1.722	ng/ul#	99
85) Chrysene	21.17	228	1391215	13.992	ng/ul	99
88) Benzo(b)fluoranthene	22.69	252	1784701	19.753	ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	557138	5.949	ng/ul	98
91) Benzo(a)pyrene	23.25	252	1125263	13.289	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.58	276	874422	8.267	ng/ul	95
93) Dibenzo(a,h)anthracene	25.59	278	237395	2.672	ng/ul#	95
94) Benzo(g,h,i)perylene	26.26	276	718676	7.993	ng/ul	96

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\

Quantitation Report (Not Reviewed)

Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB6X2

Quant Time: Feb 25 05:57:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 05:55:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

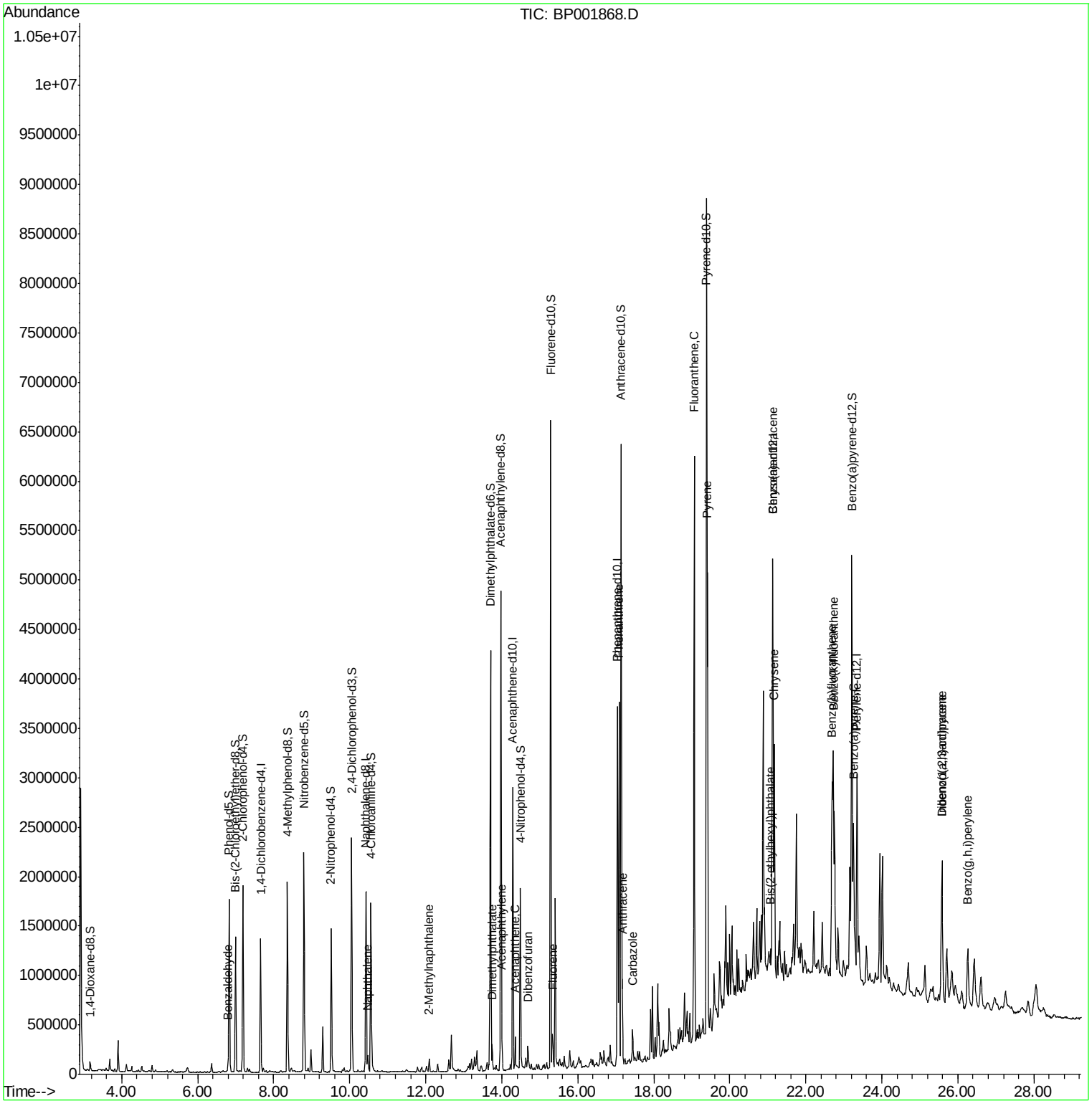
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\

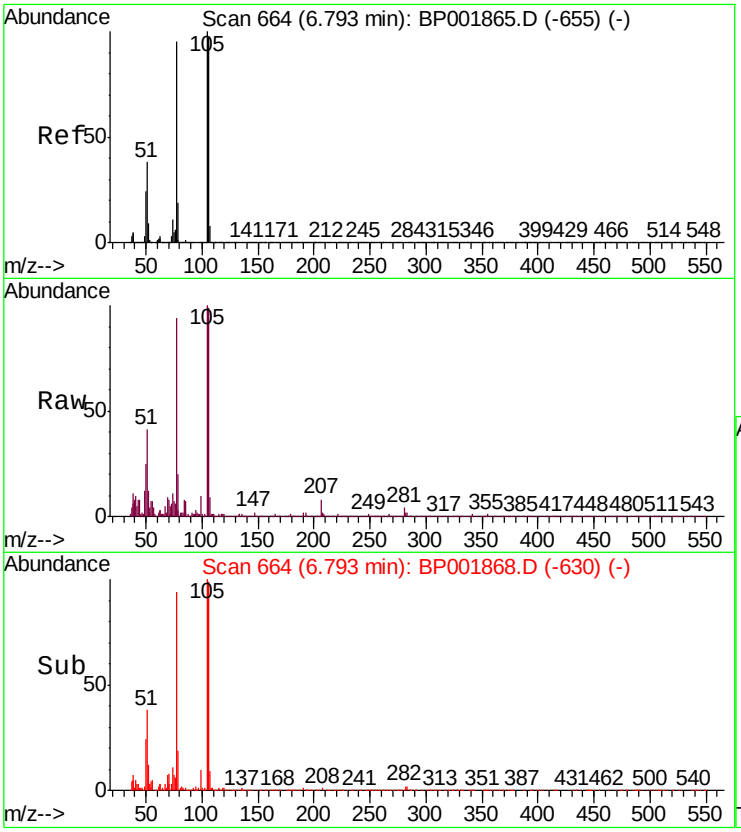
Quantitation Report (Not Reviewed)

Data File : BP001868.D
Acq On : 24 Feb 2020 19:26
Operator : CG/JU
Sample : L1536-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB6X2

Quant Time: Feb 25 05:57:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 05:55:24 2020
Response via : Initial Calibration



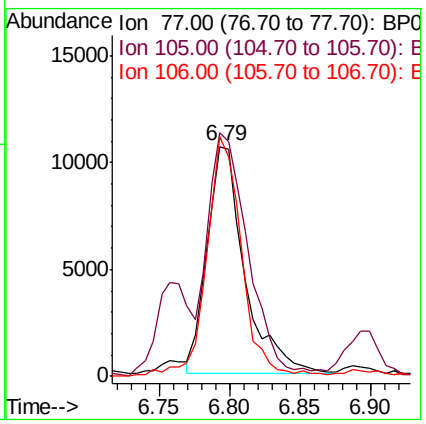


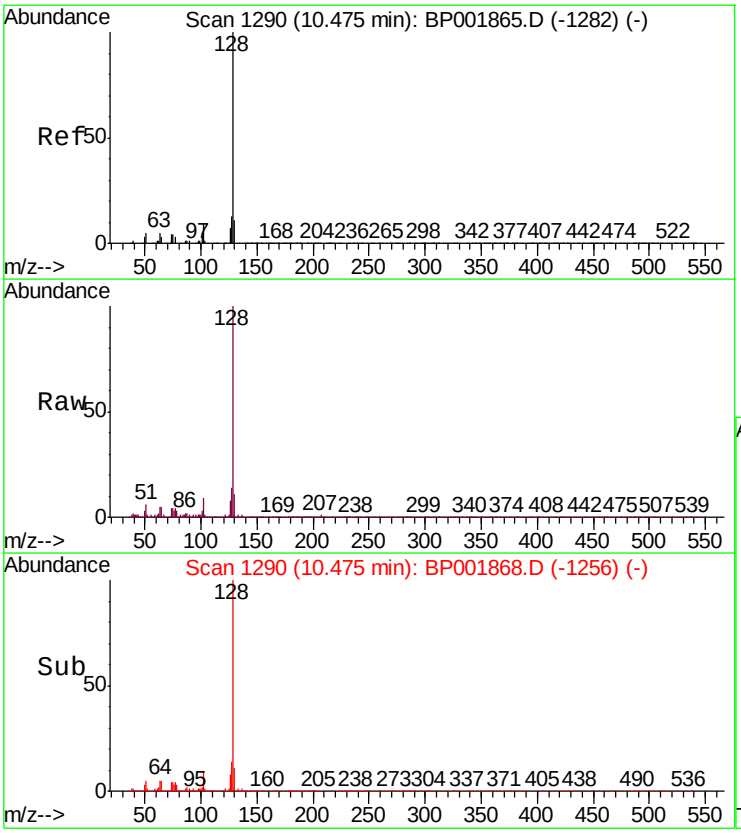
#4
Benzaldehyde
Concen: 1.123 ng/ul
RT: 6.79 min Scan# 664
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion: 77 Resp: 19788

Ion	Ratio	Lower	Upper
77	100		
105	105.9	82.0	123.0
106	104.5	78.9	118.3

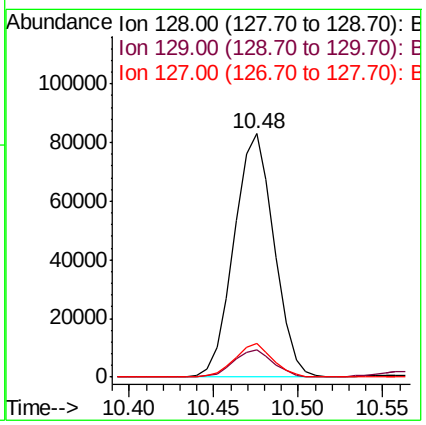


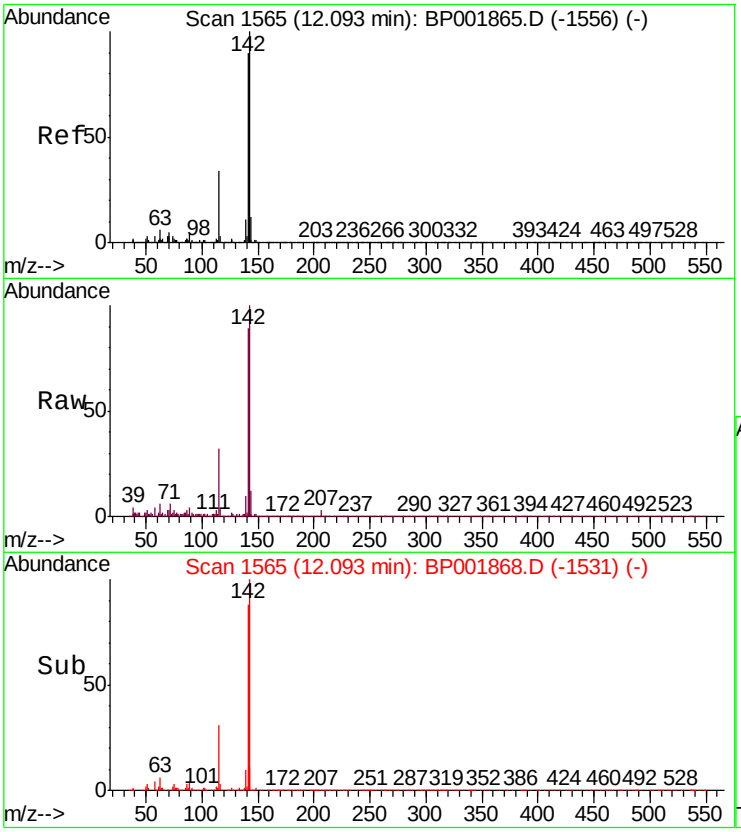


#28
Naphthalene
Concen: 1.594 ng/ul
RT: 10.48 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:128 Resp: 136522

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.7	10.2	15.4



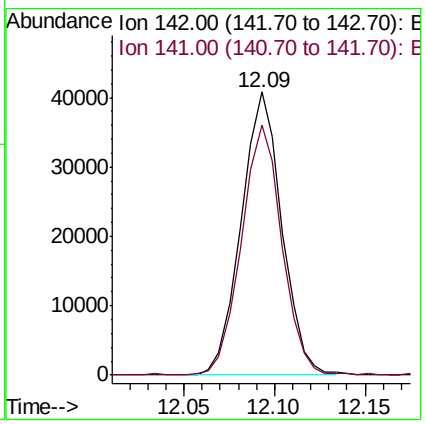


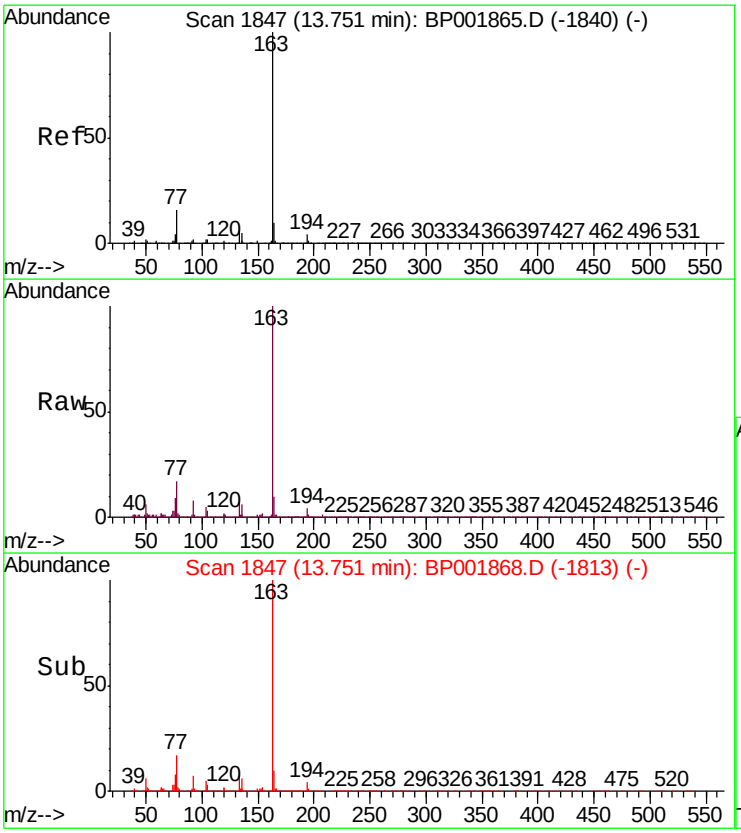
#34
2-Methylnaphthalene
Concen: 1.070 ng/ul
RT: 12.09 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:142 Resp: 63199

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.2	105.4

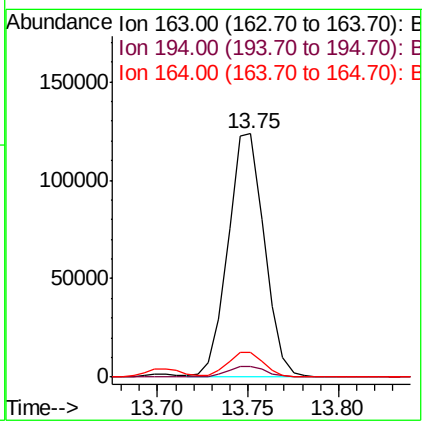


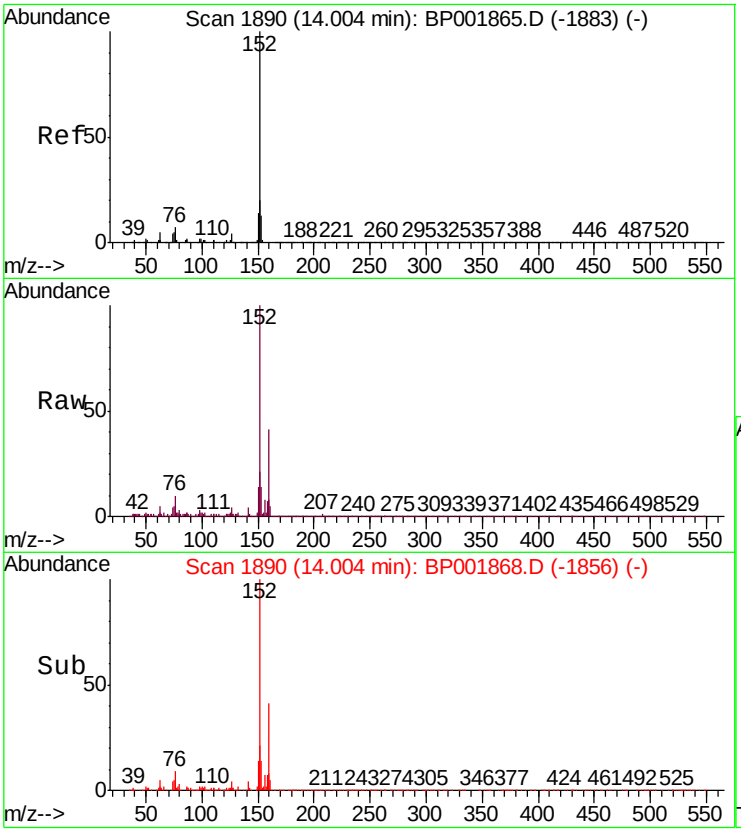


#45
Dimethylphthalate
Concen: 2.267 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:163 Resp: 172307

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.3	8.0	12.0



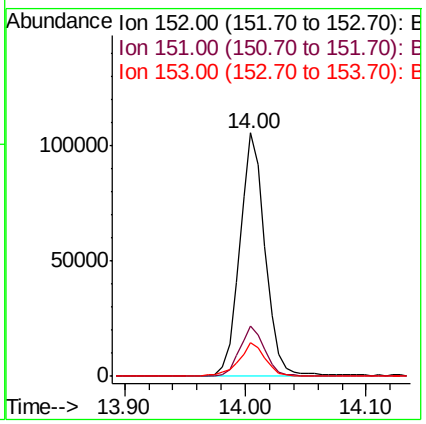


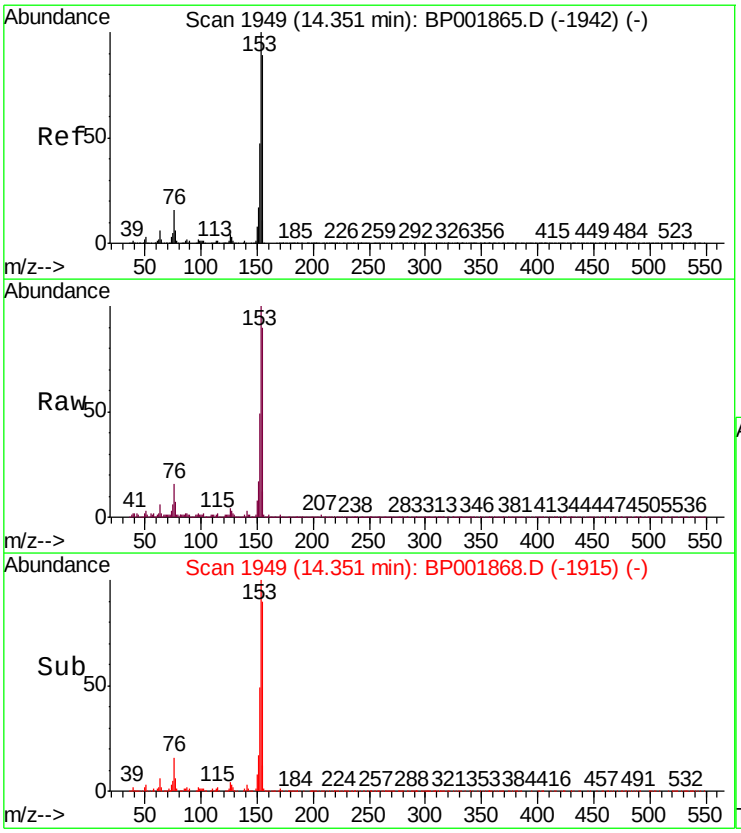
#48
Acenaphthylene
Concen: 1.605 ng/ul
RT: 14.00 min Scan# 1890
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:152 Resp: 154860

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5
153	13.9	10.7	16.1

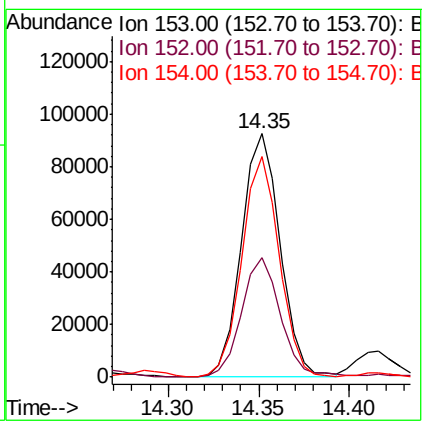


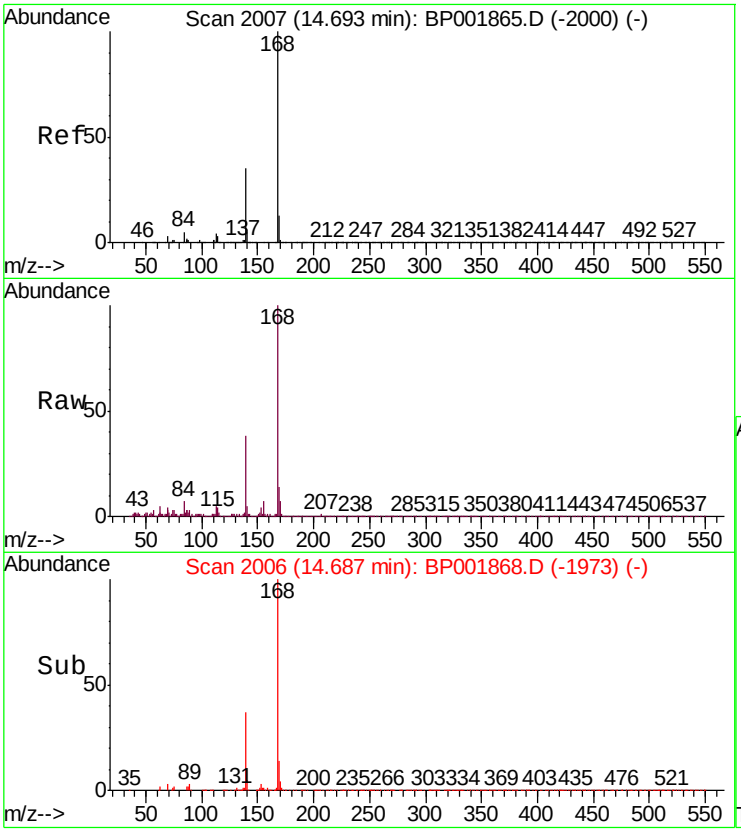


#50
Acenaphthene
Concen: 2.072 ng/ul
RT: 14.35 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:153 Resp: 136579

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.8	56.8
154	90.4	71.9	107.9



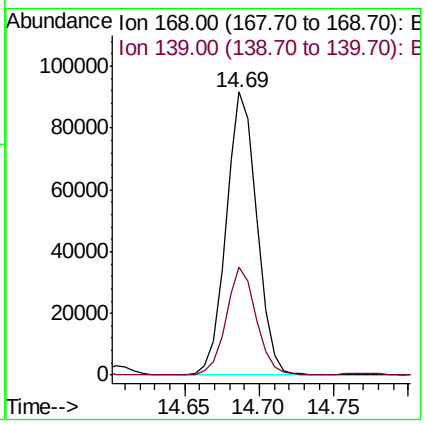


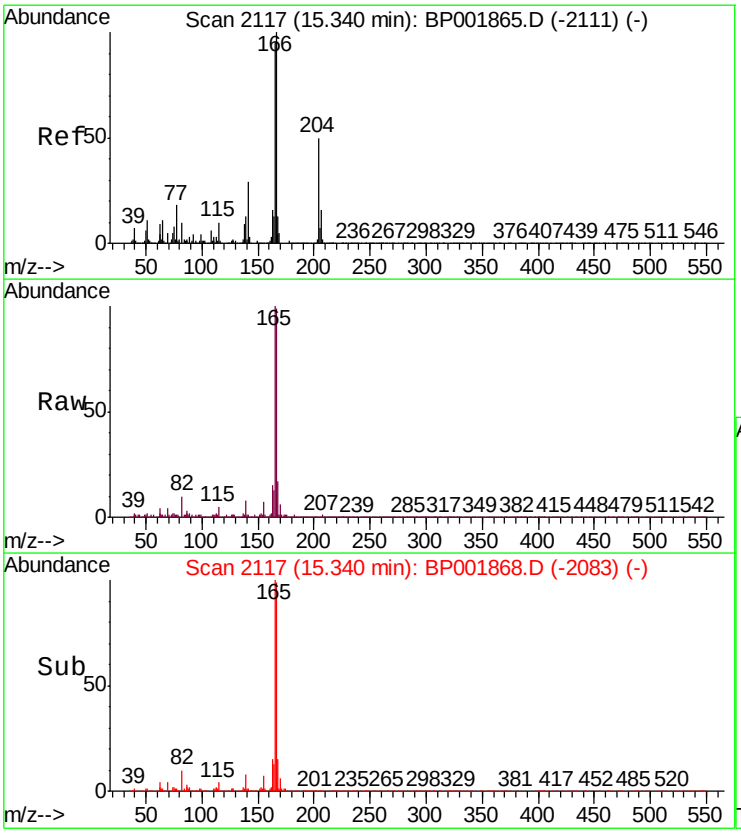
#54
Dibenzofuran
Concen: 1.418 ng/ul
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:168 Resp: 131625

Ion	Ratio	Lower	Upper
168	100		
139	38.0	28.6	43.0

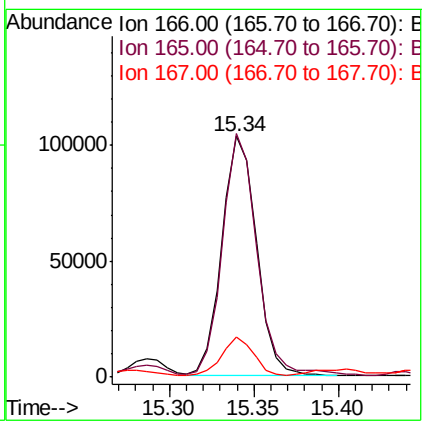


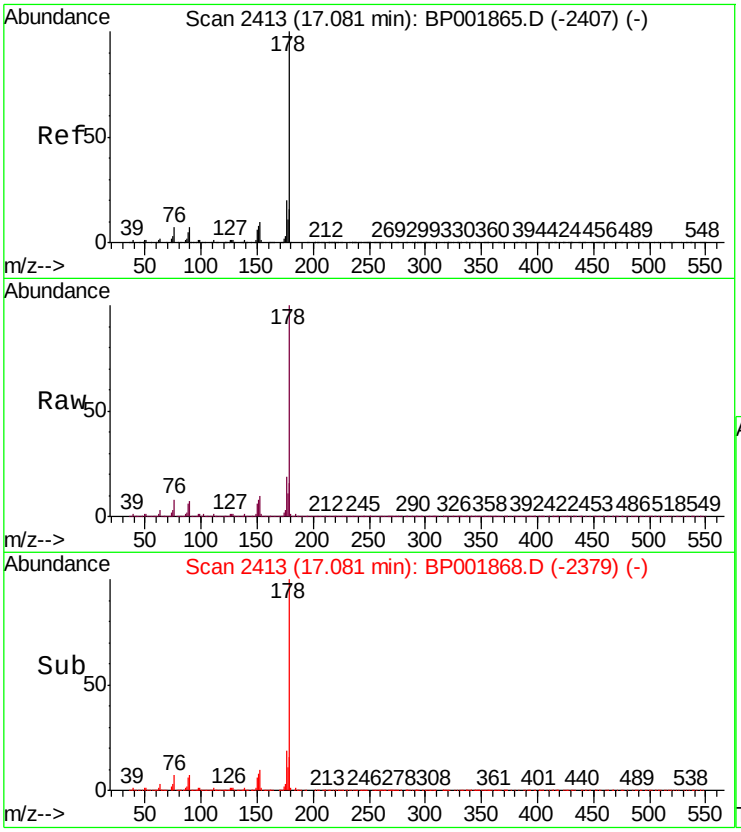


#59
Fluorene
Concen: 1.993 ng/ul
RT: 15.34 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:166 Resp: 147182

Ion	Ratio	Lower	Upper
166	100		
165	101.2	77.3	115.9
167	16.8	11.0	16.6#



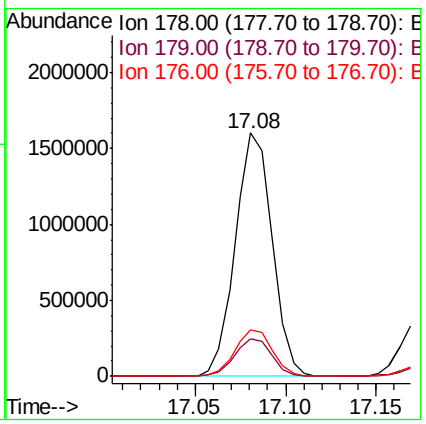


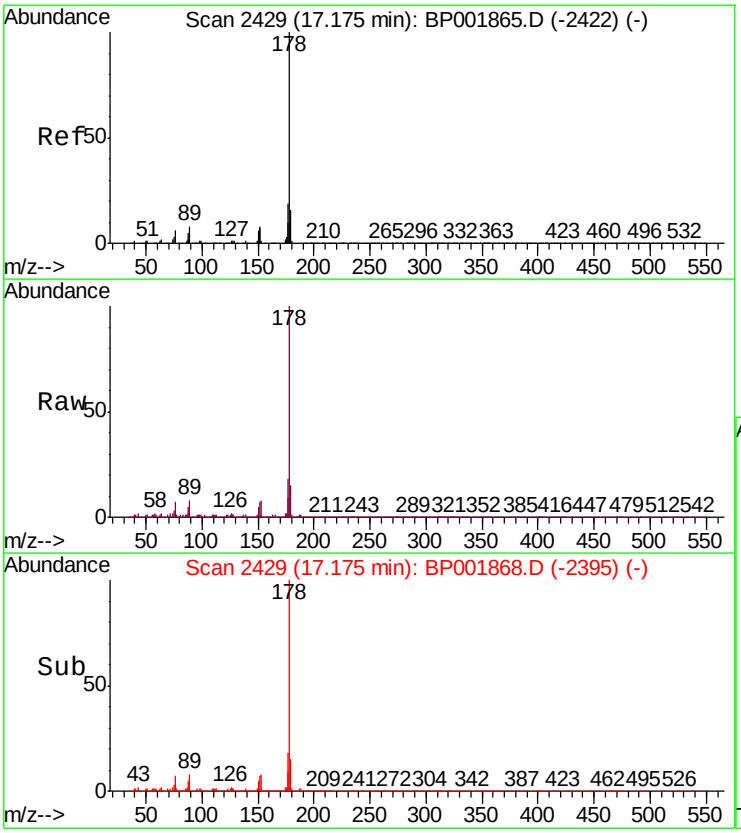
#70
Phenanthrene
Concen: 18.807 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:178 Resp: 2265128

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.2	15.3	22.9

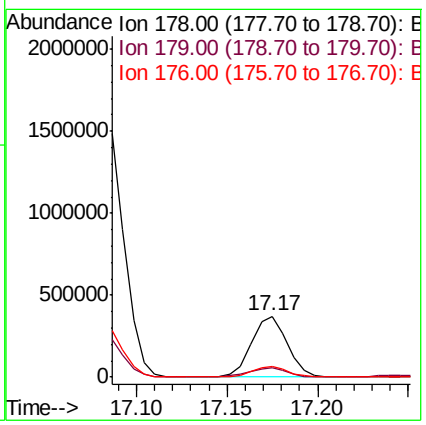


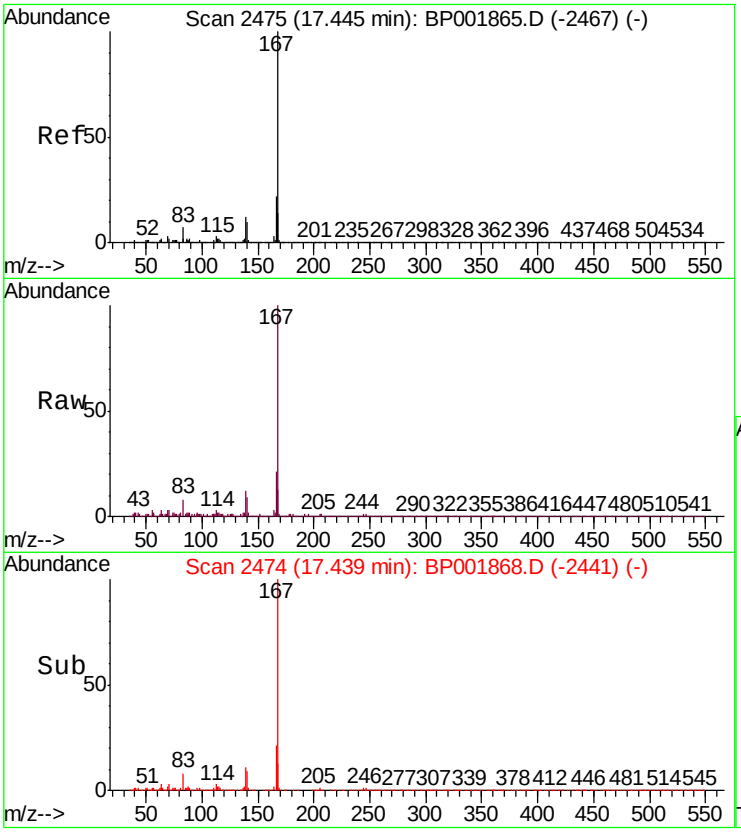


#72
Anthracene
Concen: 4.230 ng/ul
RT: 17.17 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:178 Resp: 503215

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.4	18.6
176	18.2	14.8	22.2



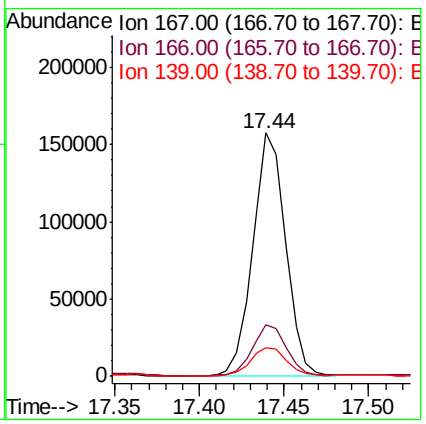


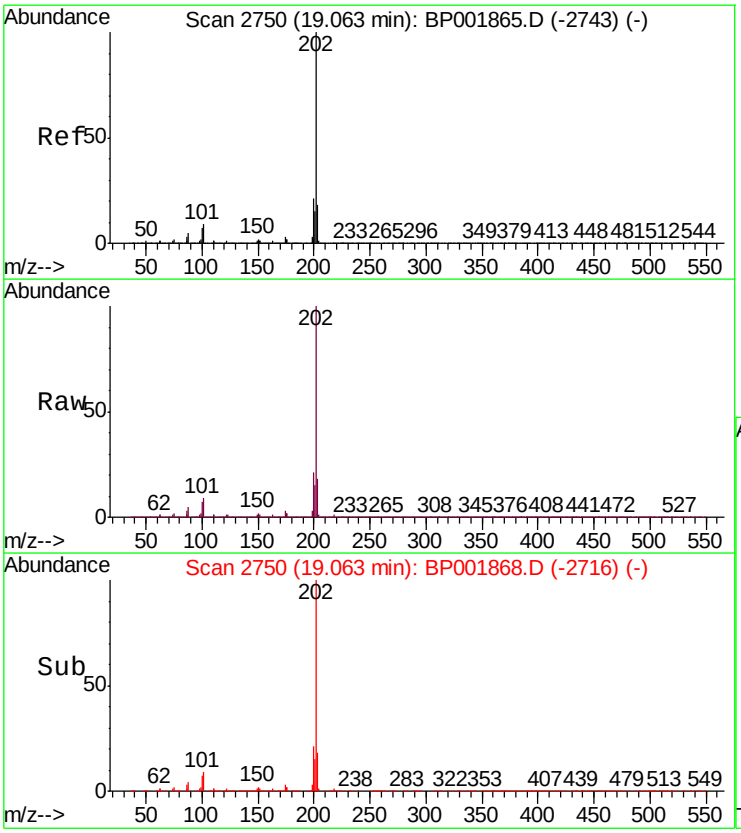
#75
Carbazole
Concen: 2.144 ng/ul
RT: 17.44 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:167 Resp: 212708

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.0	10.2	15.2

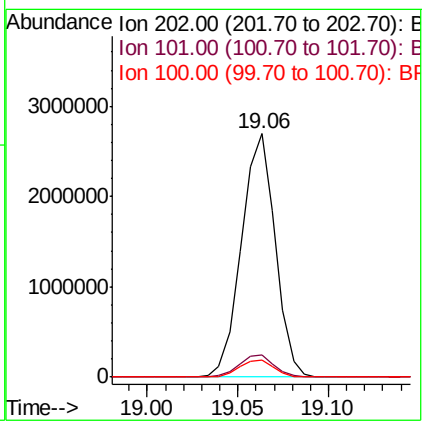


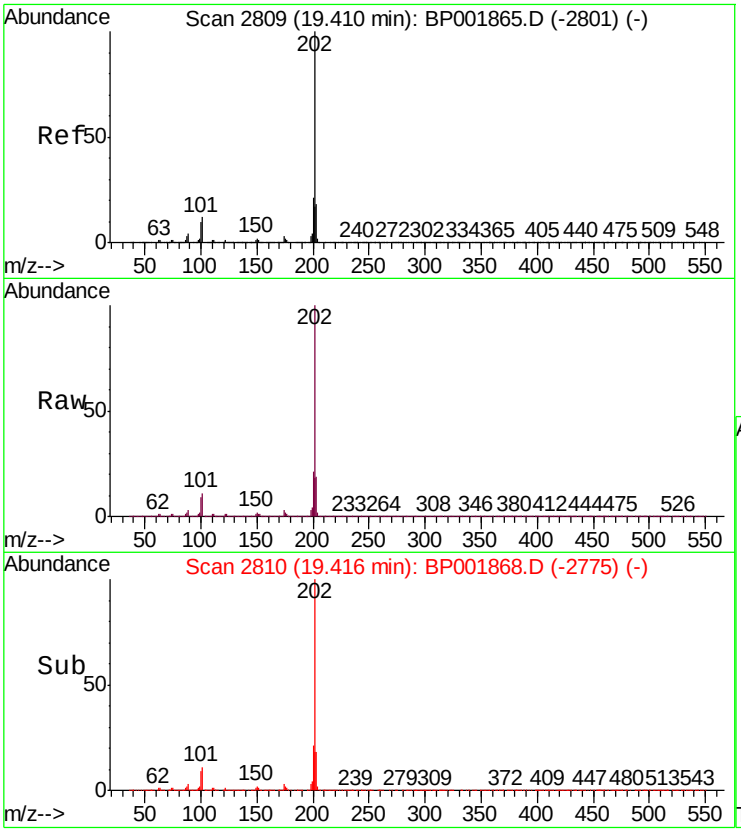


#77
Fluoranthene
Concen: 26.897 ng/ul
RT: 19.06 min Scan# 2750
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:202 Resp: 3469009

Ion	Ratio	Lower	Upper
202	100		
101	9.3	9.1	13.7
100	7.1	6.6	9.8



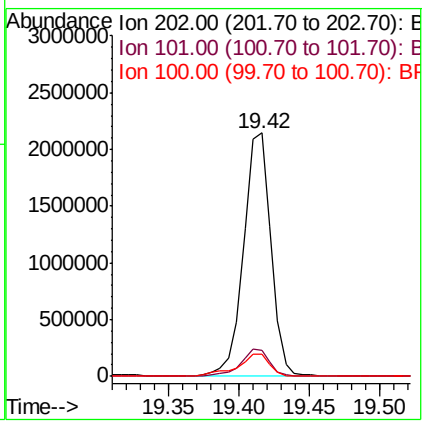


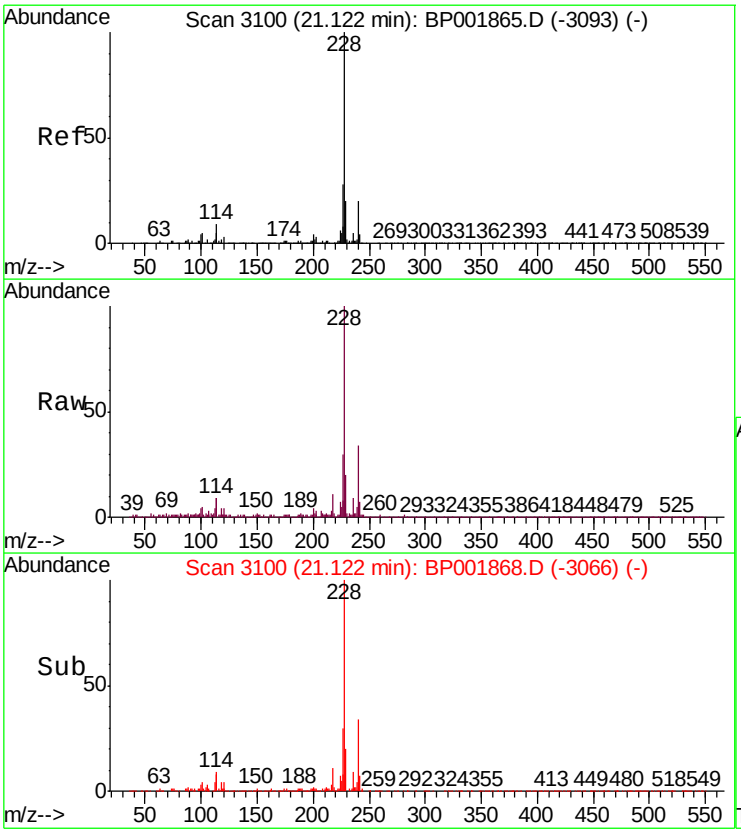
#80
Pyrene
Concen: 27.635 ng/ul
RT: 19.42 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:202 Resp: 2905138

Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.2	15.2
100	8.9	8.2	12.2

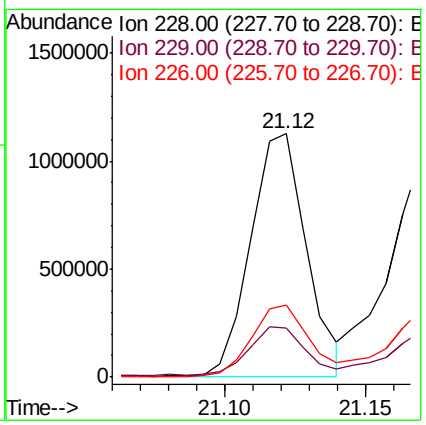


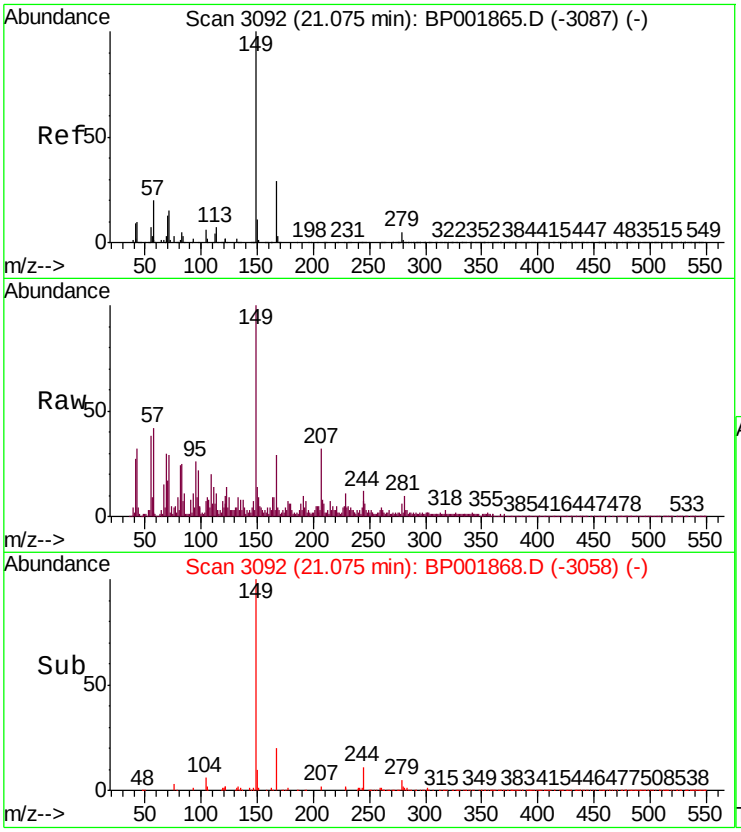


#83
Benzo(a)anthracene
Concen: 15.133 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:228 Resp: 1540179

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.4
226	29.8	22.0	33.0



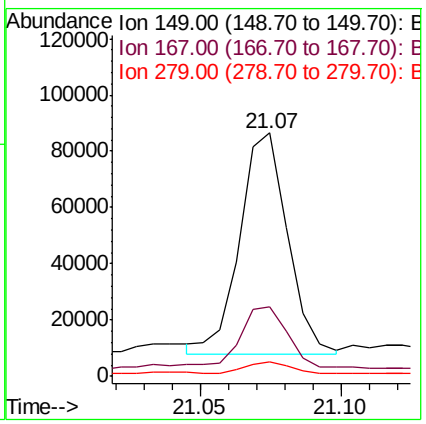


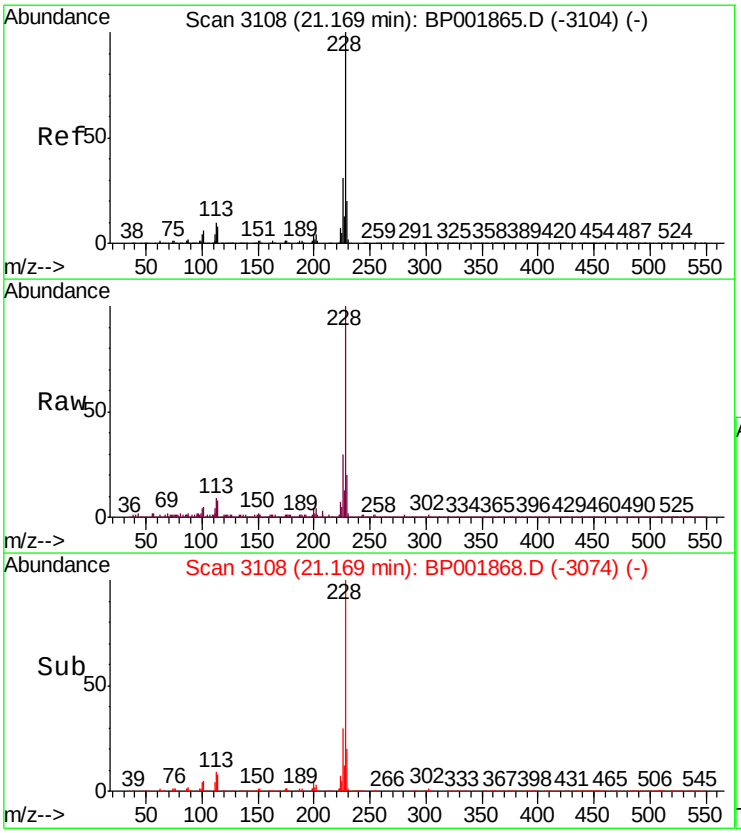
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.722 ng/ul
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:149 Resp: 93091

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.6	34.0
279	5.9	3.6	5.4#

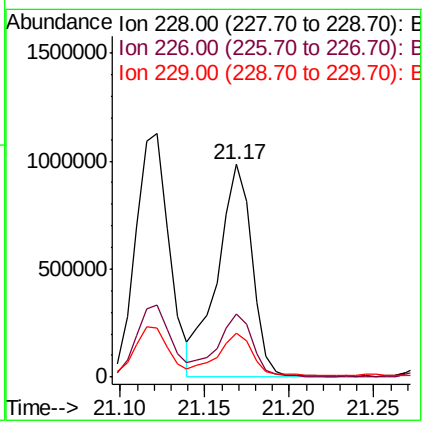


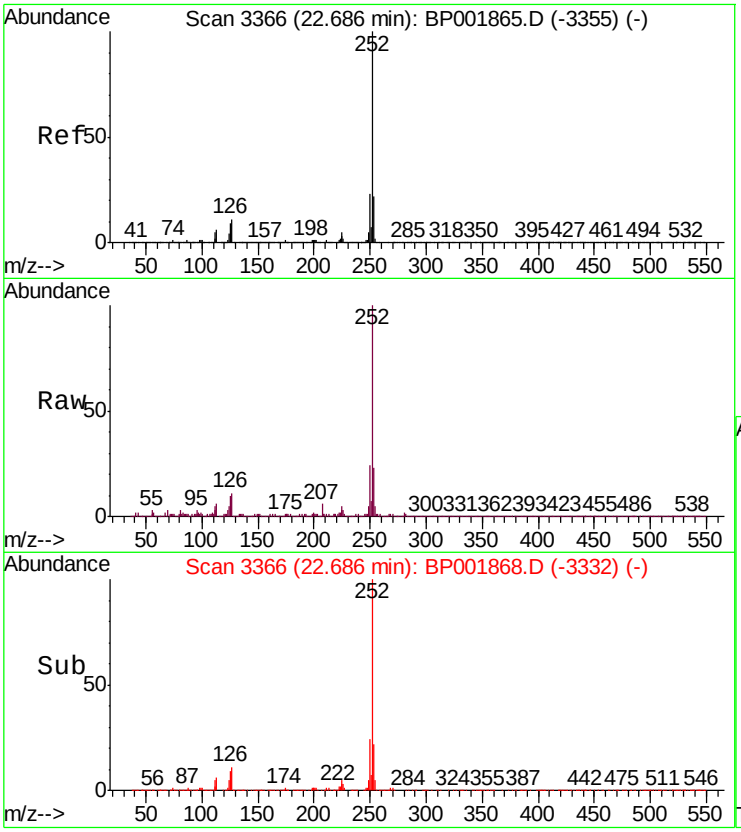


#85
Chrysene
Concen: 13.992 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:228 Resp: 1391215

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	20.5	15.7	23.5



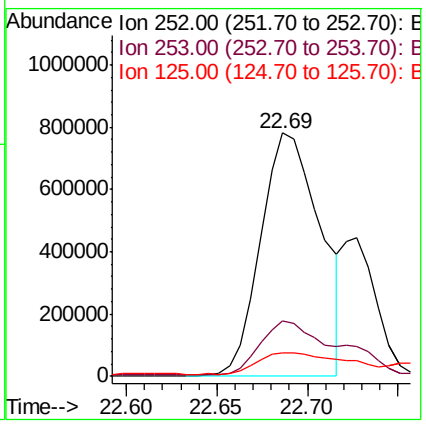


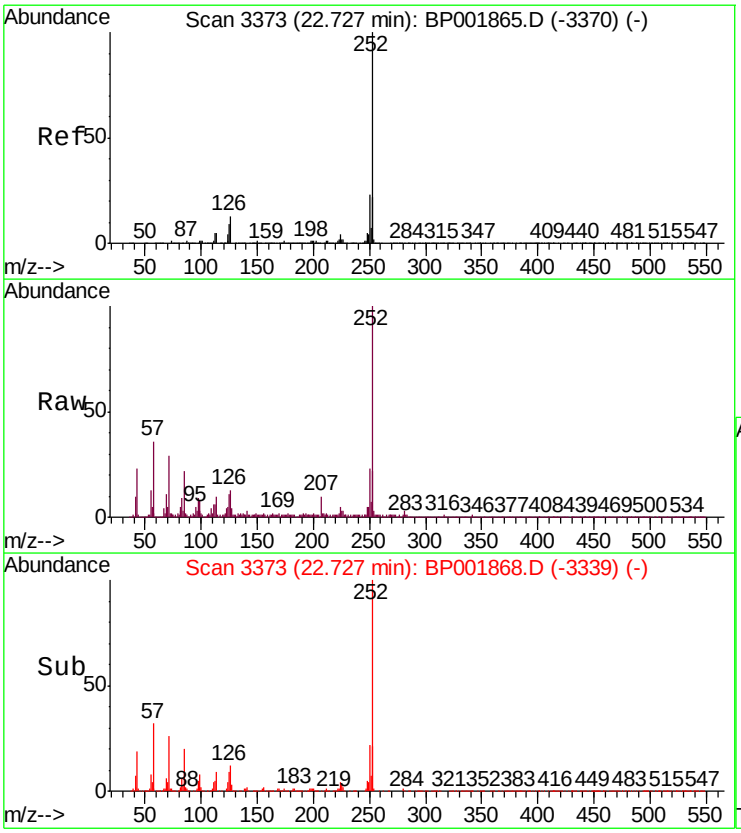
#88
Benzo(b)fluoranthene
Concen: 19.753 ng/ul
RT: 22.69 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:252 Resp: 1784701

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	9.9	7.8	11.6

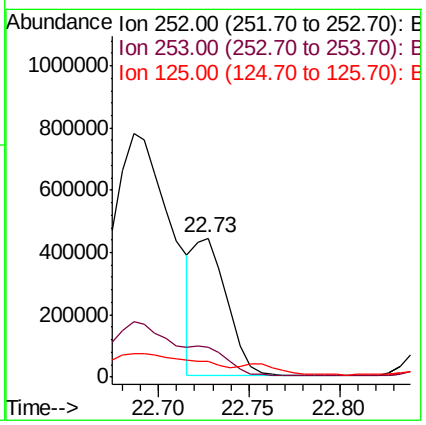


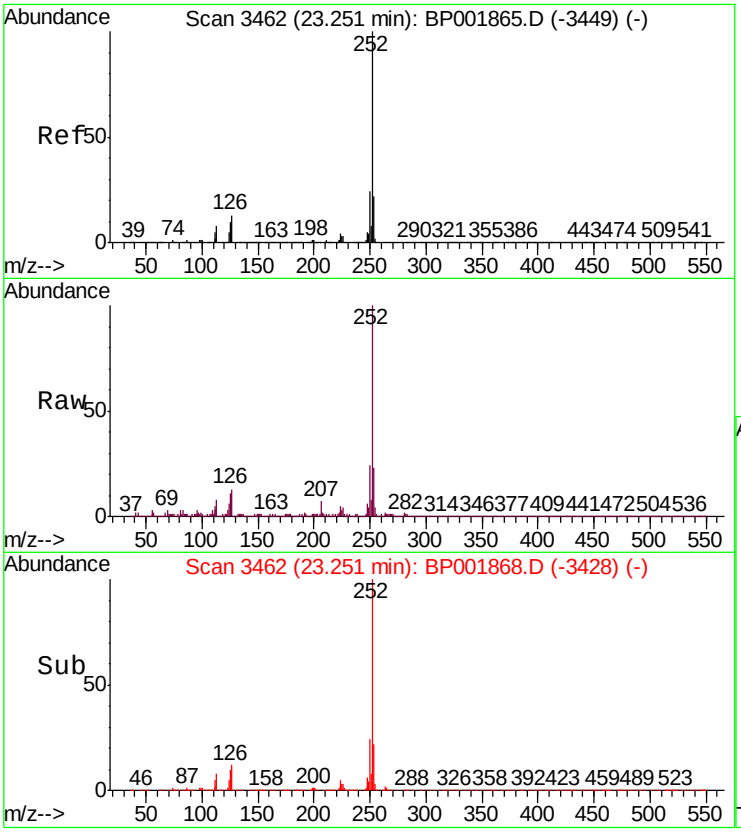


#89
Benzo(k)fluoranthene
Concen: 5.949 ng/ul
RT: 22.73 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:252 Resp: 557138

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	11.0	8.0	12.0



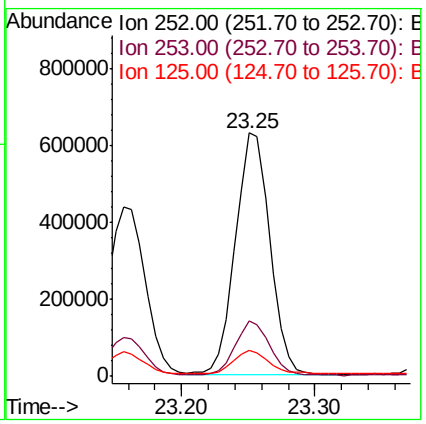


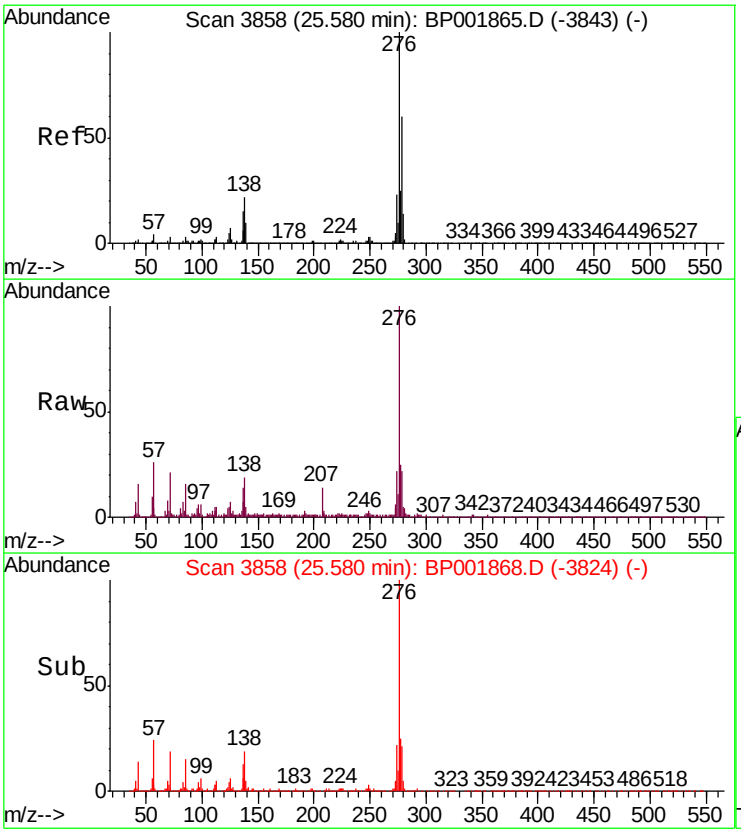
#91
Benzo(a)pyrene
Concen: 13.289 ng/ul
RT: 23.25 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:252 Resp: 1125263

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.9	8.3	12.5

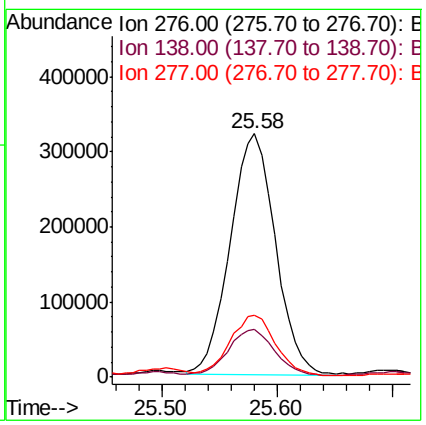


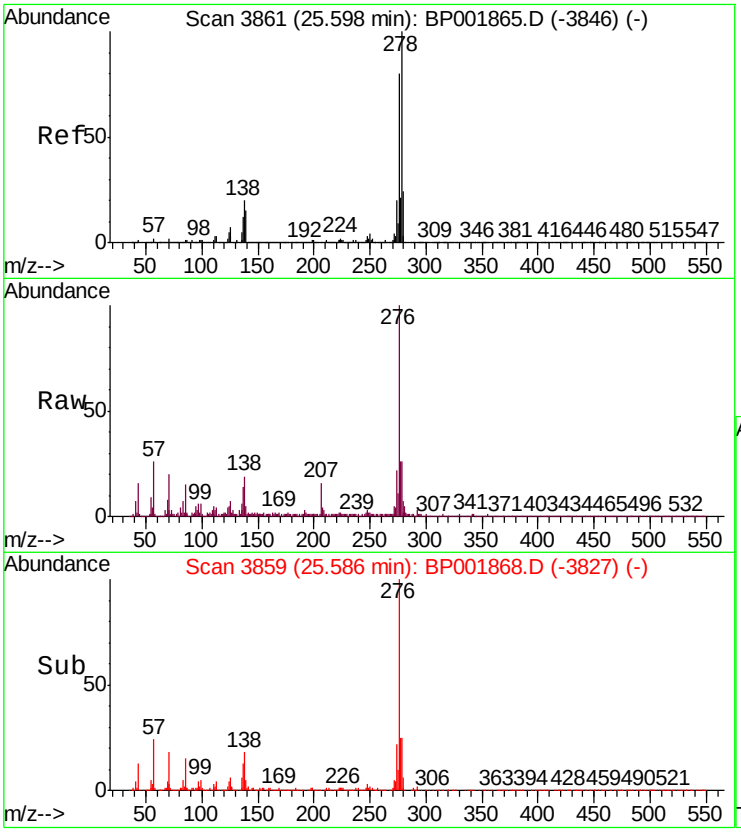


#92
Indeno(1,2,3-cd)pyrene
Concen: 8.267 ng/ul
RT: 25.58 min Scan# 3858
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:276 Resp: 874422

Ion	Ratio	Lower	Upper
276	100		
138	19.5	19.3	28.9
277	25.3	20.0	30.0



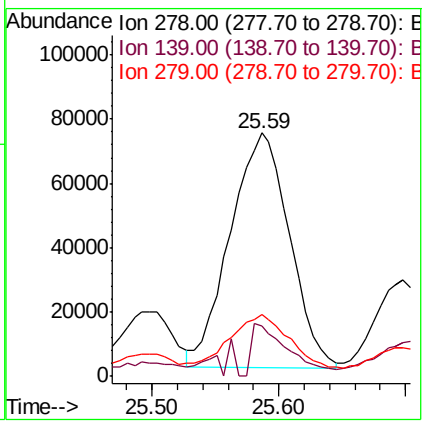


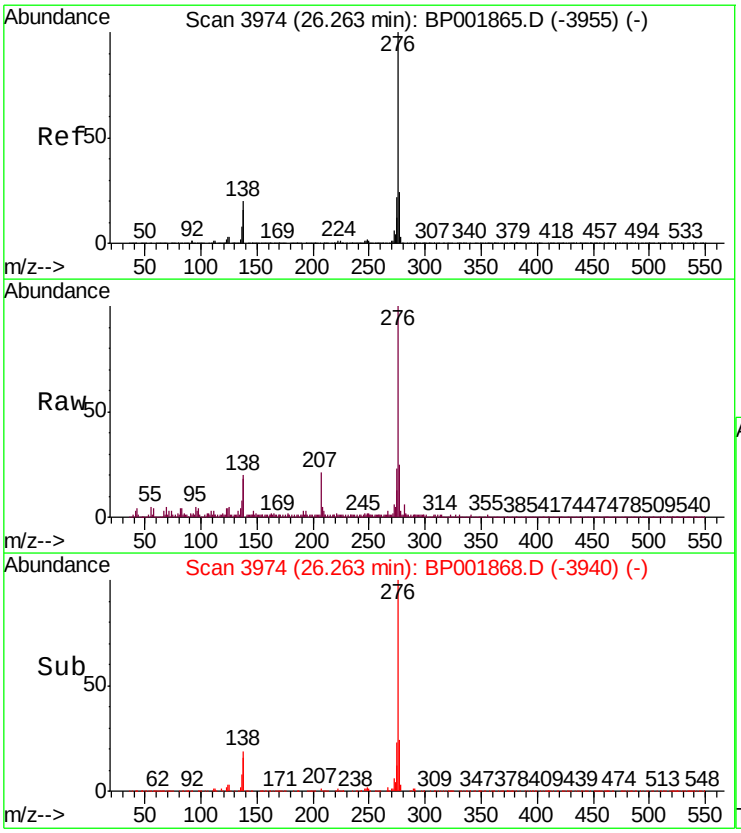
#93
Dibenzo(a,h)anthracene
Concen: 2.672 ng/ul
RT: 25.59 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Instrument :
BNA_P
ClientSampleId :
CB6X2

Tgt Ion:278 Resp: 237395

Ion	Ratio	Lower	Upper
278	100		
139	20.4	13.3	19.9#
279	25.4	19.3	28.9





#94
Benzo(g,h,i)perylene
Concen: 7.993 ng/ul
RT: 26.26 min Scan# 3974
Delta R.T. 0.00 min
Lab File: BP001868.D
Acq: 24 Feb 2020 19:26

Tgt Ion:276 Resp: 718676

Ion	Ratio	Lower	Upper
276	100		
138	19.9	17.7	26.5
277	24.7	18.8	28.2