Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000211.D
Acq On : 12 Sep 2019 12:25
Operator : HP/JU
Sample : K4634-15
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 13 01:46:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	398752	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1506293	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	777149	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.46	188	1305960	20.00	ng/ul	0.00
78) Chrysene-d12	14.18	240	820252	20.00	ng/ul	0.04
86) Perylene-d12	15.66	264	977779	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	30126	2.68	ng/uL	0.01
5) Phenol-d5	6.51	99	570045	16.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	307651	17.32	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	482533	17.57	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	429625	16.84	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	229030	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	245083	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	431589	18.26	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	254941	8.72	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1178193	20.53	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1386164	19.55	ng/ul	0.00
52) 4-Nitrophenol-d4	10.04	143	138452	13.50	ng/ul	0.00
58) Fluorene-d10	10.47	176	936310	19.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.54	200	60479	10.08	ng/ul	0.01
71) Anthracene-d10	11.52	188	1246517	19.71	ng/ul	0.00
79) Pyrene-d10	12.92	212	1127964	23.12	ng/ul	0.02
90) Benzo(a)pyrene-d12	15.66	264	977779	19.29	ng/ul	0.07
Target Compounds						Qvalue
6) Phenol	6.52	94	105531	2.981	ng/ul	97
14) Acetophenone	7.29	105	51371	1.342	ng/ul	99
45) Dimethylphthalate	9.66	163	271977	4.697	ng/ul	99
50) Acenaphthene	9.98	153	108982	2.123	ng/ul	99
70) Phenanthrene	11.49	178	2569537	33.271	ng/ul	99
72) Anthracene	11.53	178	566628	7.456	ng/ul	99
75) Carbazole	11.69	167	451411	6.947	ng/ul	99
77) Fluoranthene	12.72	202	7324733	94.032	ng/ul	97
80) Pyrene	12.95	202	6835658	110.458	ng/ul	94
83) Benzo(a)anthracene	14.17	228	4957115	83.487	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	14.17	149	56446	1.674	ng/ul#	86
85) Chrysene	14.21	228	4663611	85.594	ng/ul	98
88) Benzo(b)fluoranthene	15.32	252	7790025	120.207	ng/ul	97
89) Benzo(k)fluoranthene	15.32	252	7793798	127.583	ng/ul	97
91) Benzo(a)pyrene	15.63	252	3619281	59.525	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.17	276	481744	6.887	ng/ul	93
93) Dibenzo(a,h)anthracene	17.37	278	630880	10.889	ng/ul	95
94) Benzo(g,h,i)perylene	17.85	276	1752480	30.048	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
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Acq On : 12 Sep 2019 12:25
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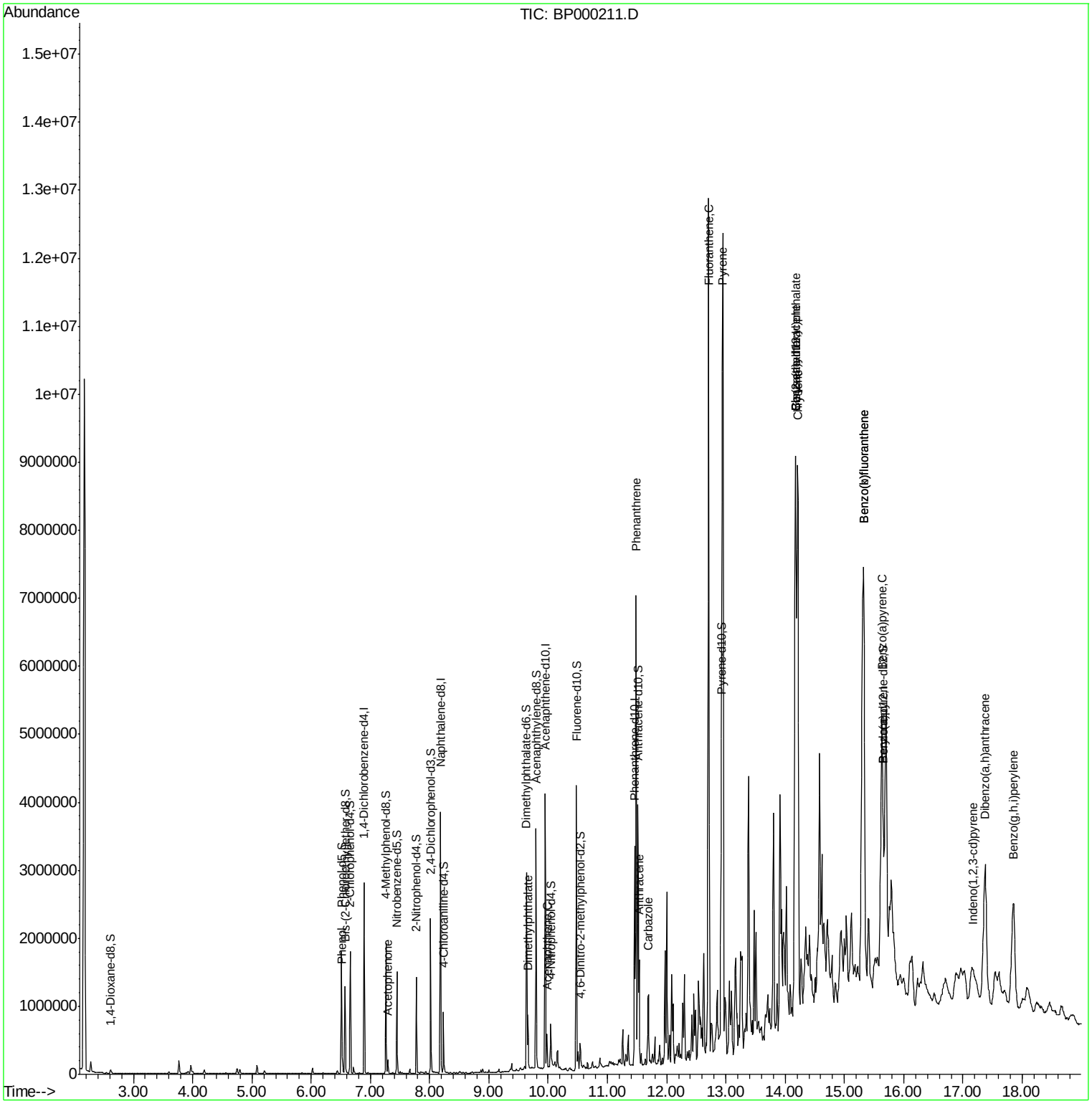
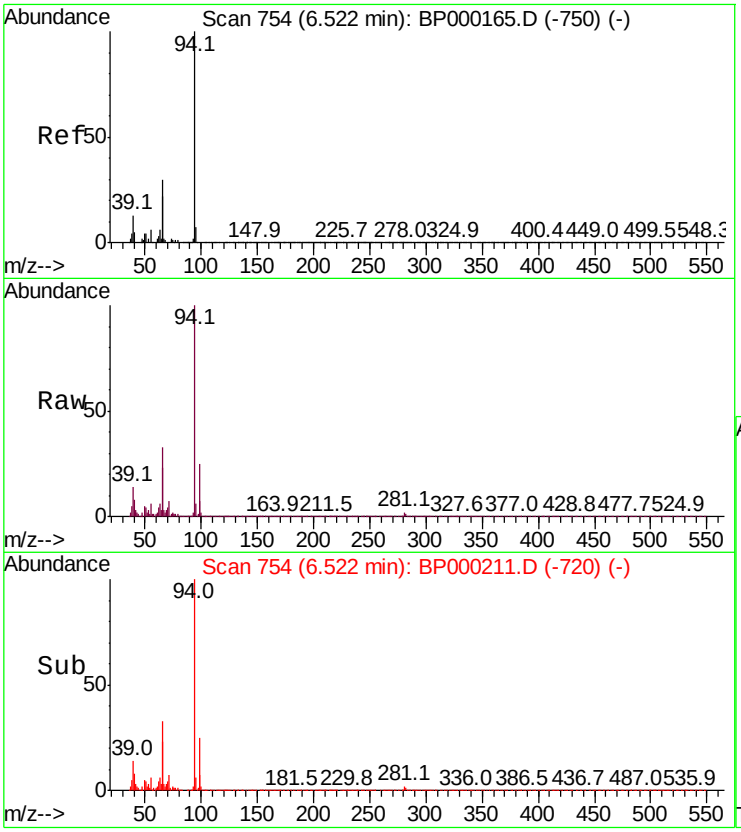
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 13 01:46:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration



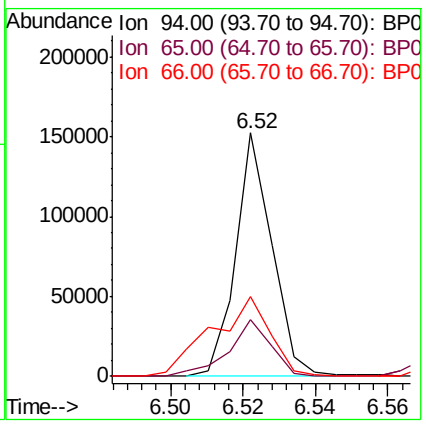


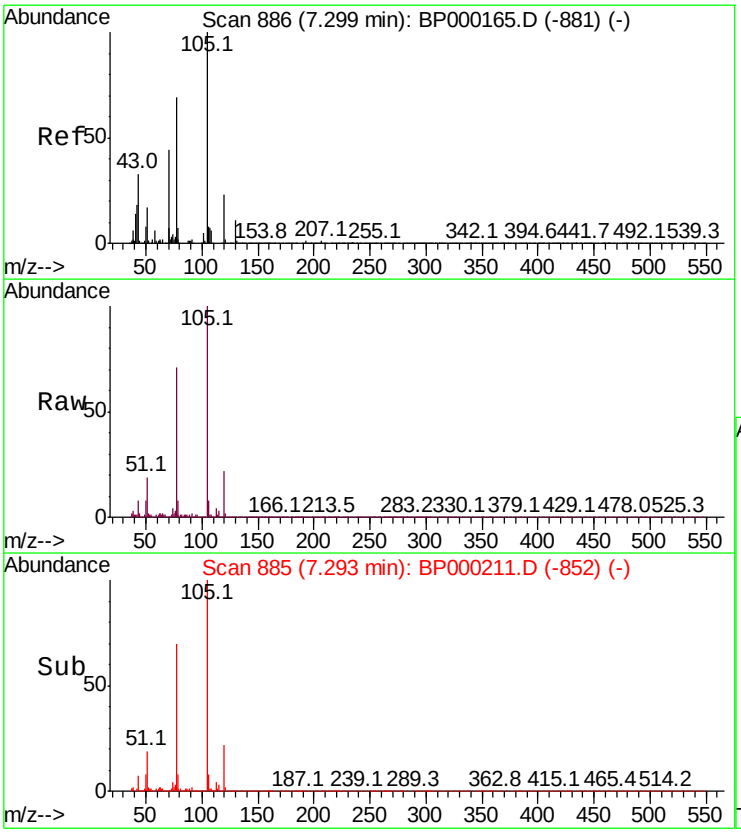
#6
Phenol
Concen: 2.981 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 105531

Ion	Ratio	Lower	Upper
94	100		
65	23.1	18.8	28.2
66	32.7	24.2	36.2

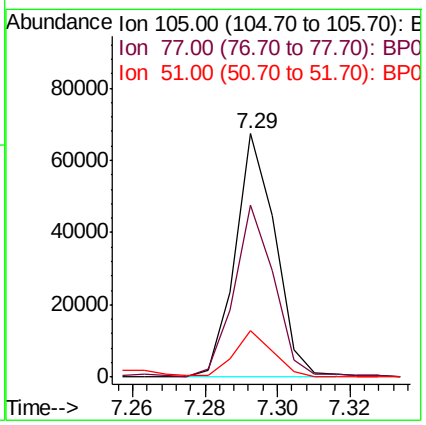


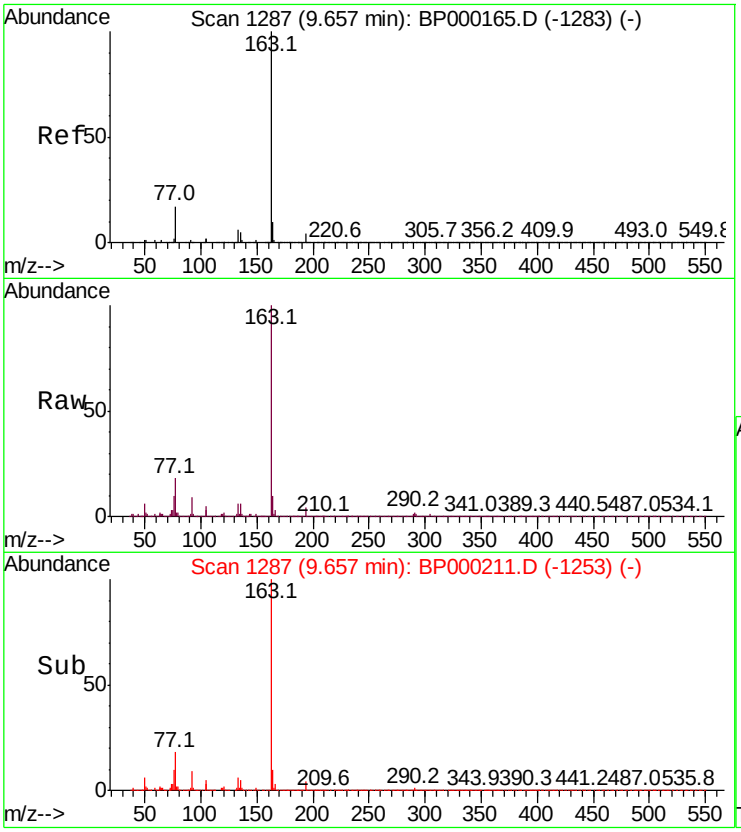


#14
Acetophenone
Concen: 1.342 ng/ul
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Tgt Ion:105 Resp: 51371

Ion	Ratio	Lower	Upper
105	100		
77	70.7	57.2	85.8
51	19.0	14.7	22.1



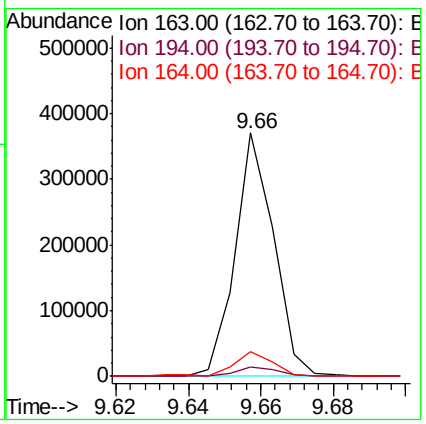


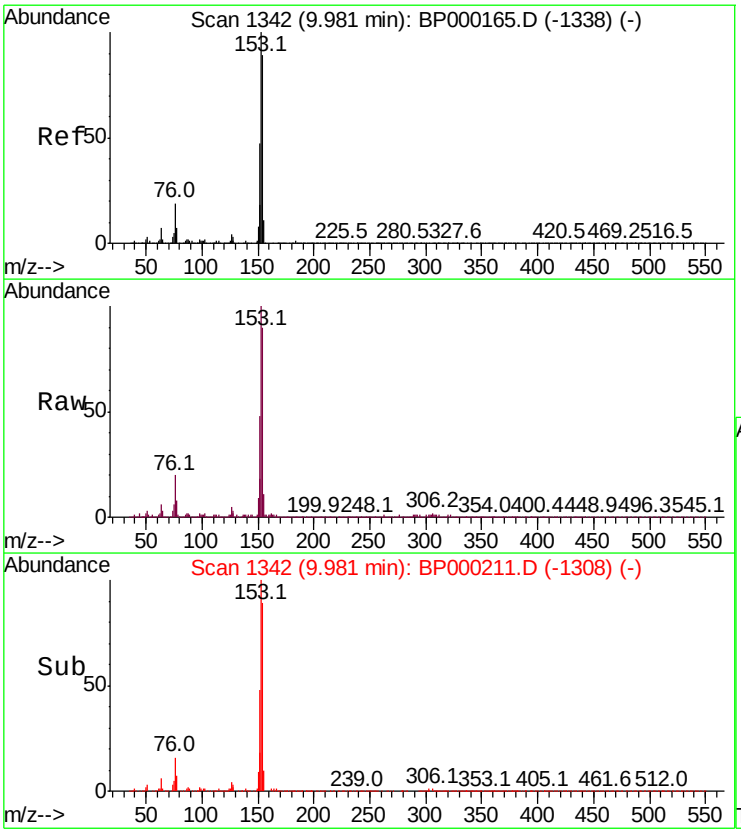
#45
Dimethylphthalate
Concen: 4.697 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 271977

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	8.4	12.6

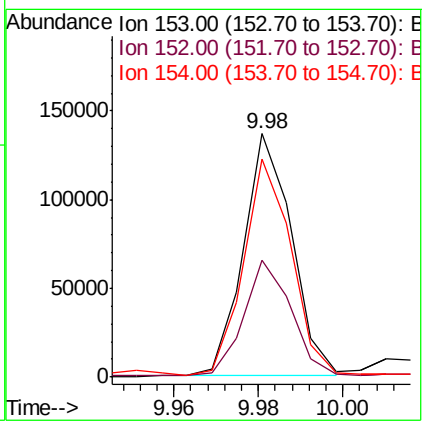


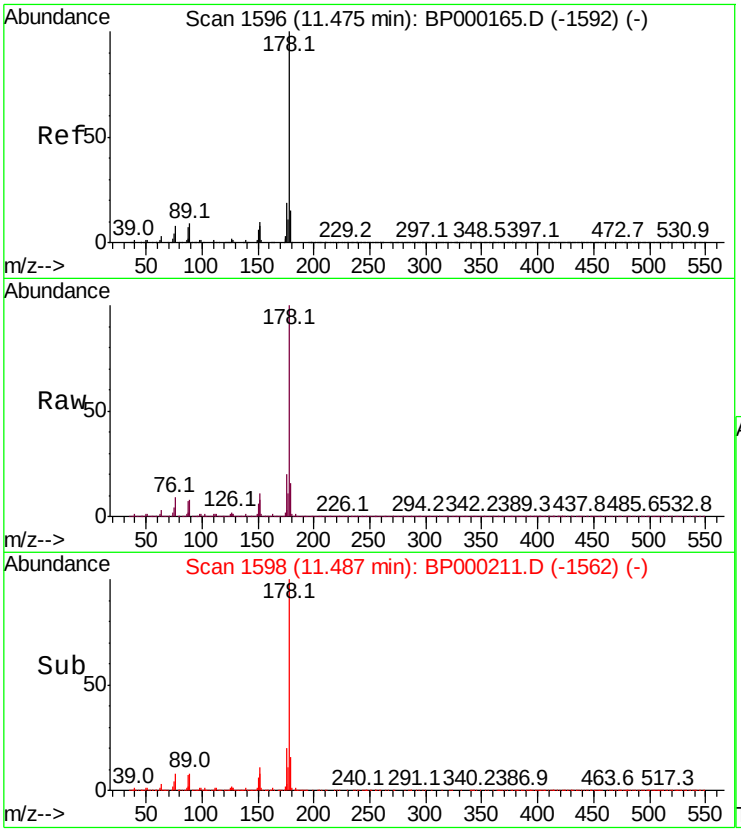


#50
Acenaphthene
Concen: 2.123 ng/ul
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Tgt Ion:153 Resp: 108982

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.0	57.0
154	89.6	72.6	108.8



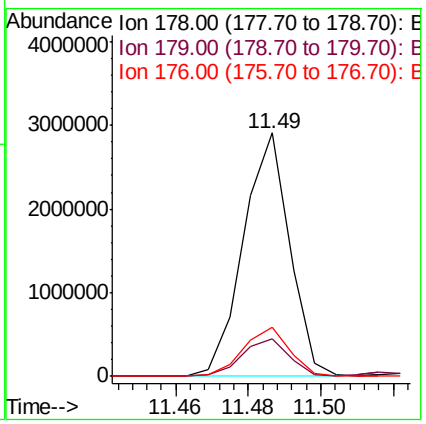


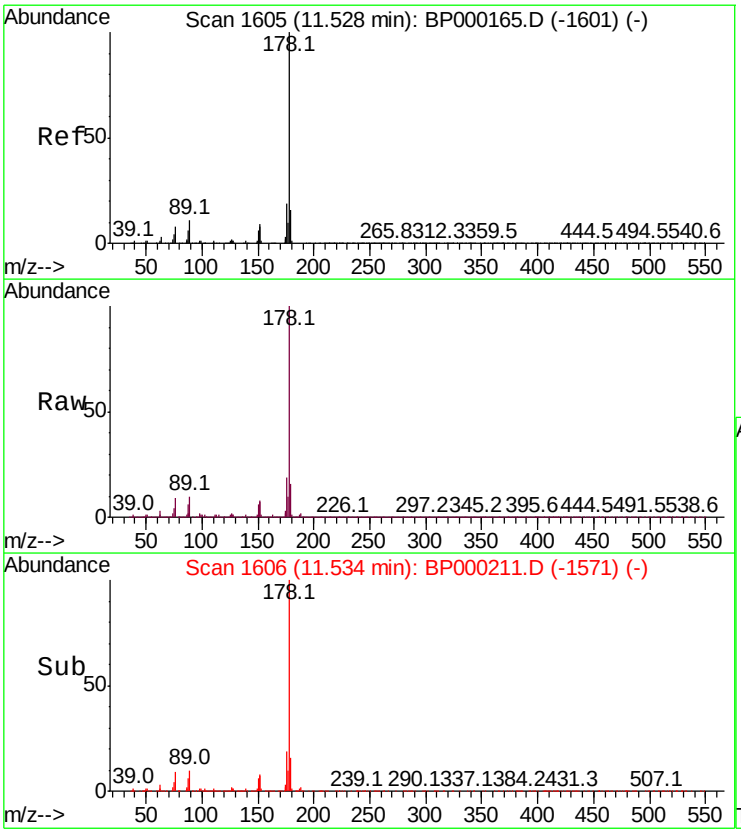
#70
Phenanthrene
Concen: 33.271 ng/ul
RT: 11.49 min Scan# 1598
Delta R.T. 0.01 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2569537

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	20.0	15.7	23.5

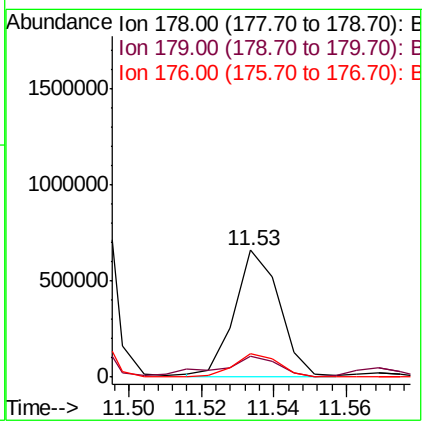


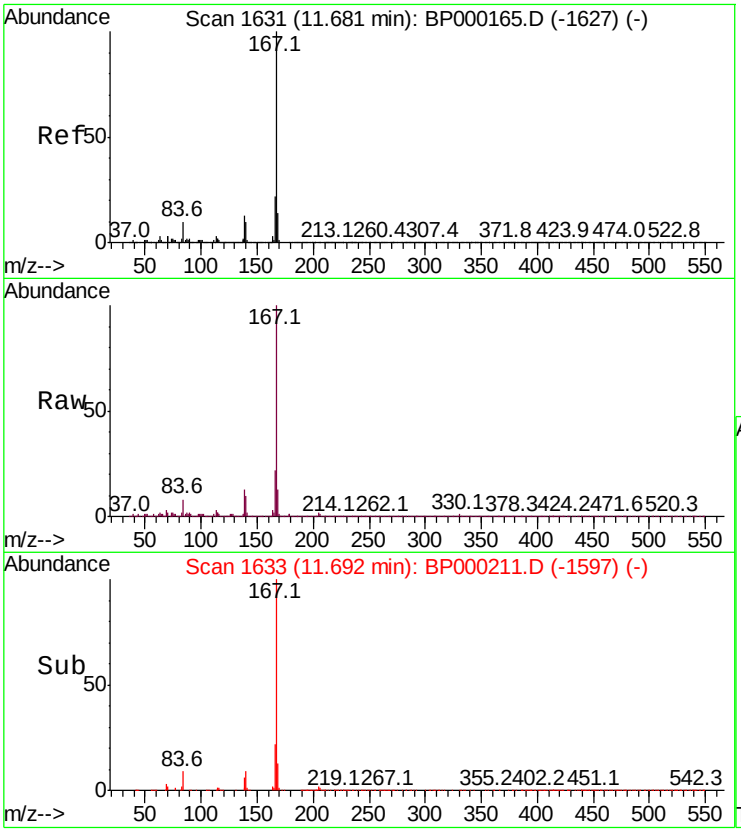


#72
Anthracene
Concen: 7.456 ng/ul
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Tgt Ion:178 Resp: 566628

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.9	15.1	22.7



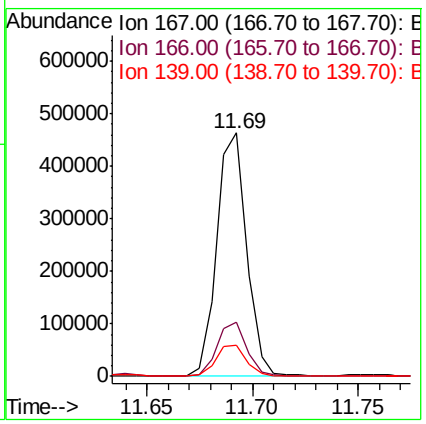


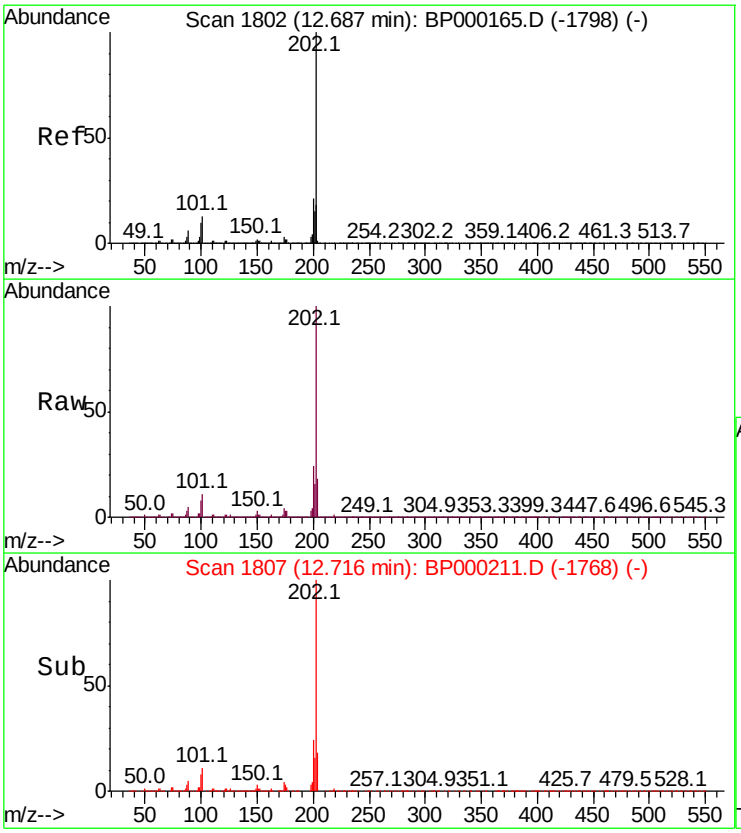
#75
Carbazole
Concen: 6.947 ng/ul
RT: 11.69 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 451411

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.3	25.9
139	12.8	10.6	15.8

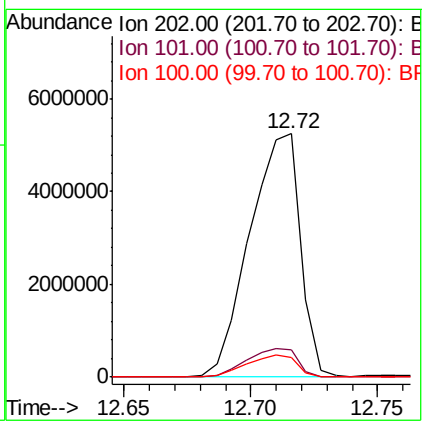


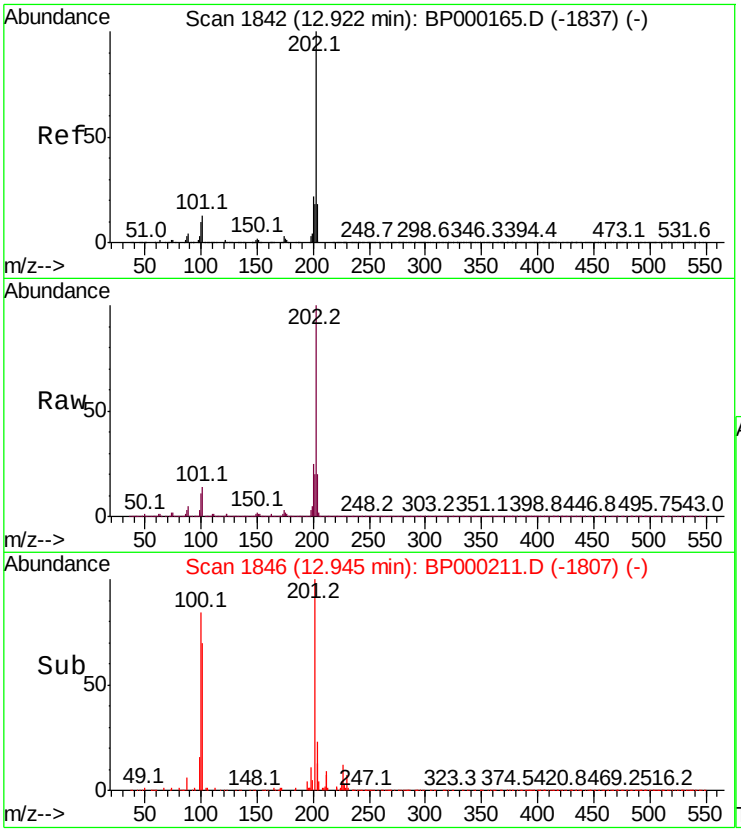


#77
Fluoranthene
Concen: 94.032 ng/ul
RT: 12.72 min Scan# 1807
Delta R.T. 0.03 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Tgt Ion:202 Resp: 7324733

Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.0	15.0
100	8.3	7.4	11.2



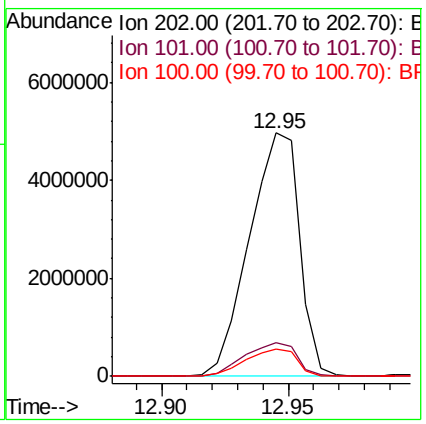


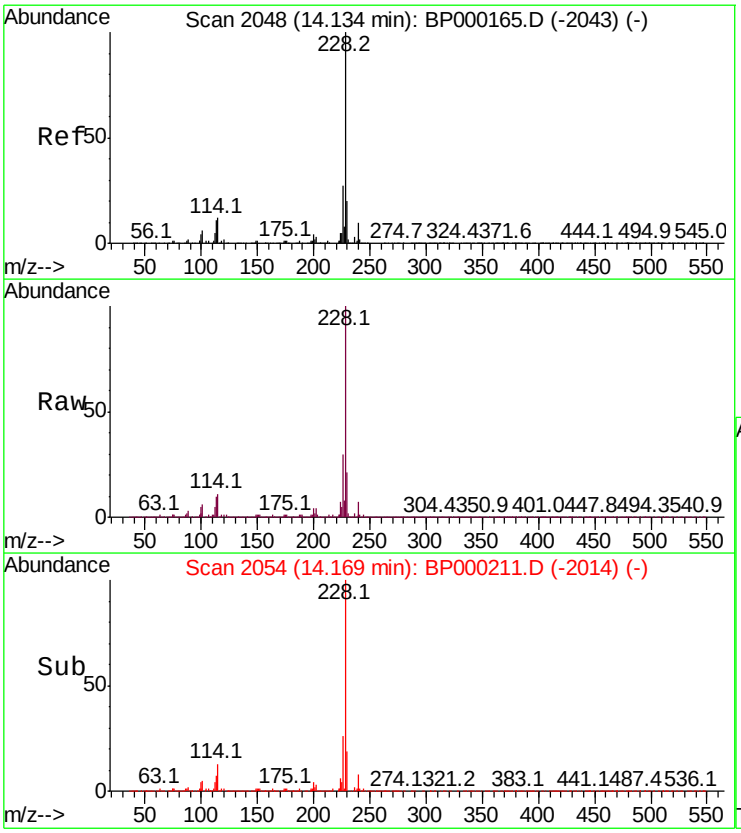
#80
Pyrene
Concen: 110.458 ng/ul
RT: 12.95 min Scan# 1846
Delta R.T. 0.03 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 6835658

Ion	Ratio	Lower	Upper
202	100		
101	13.7	13.4	20.0
100	11.3	10.8	16.2

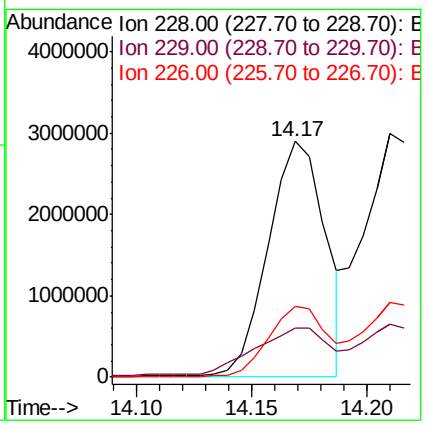


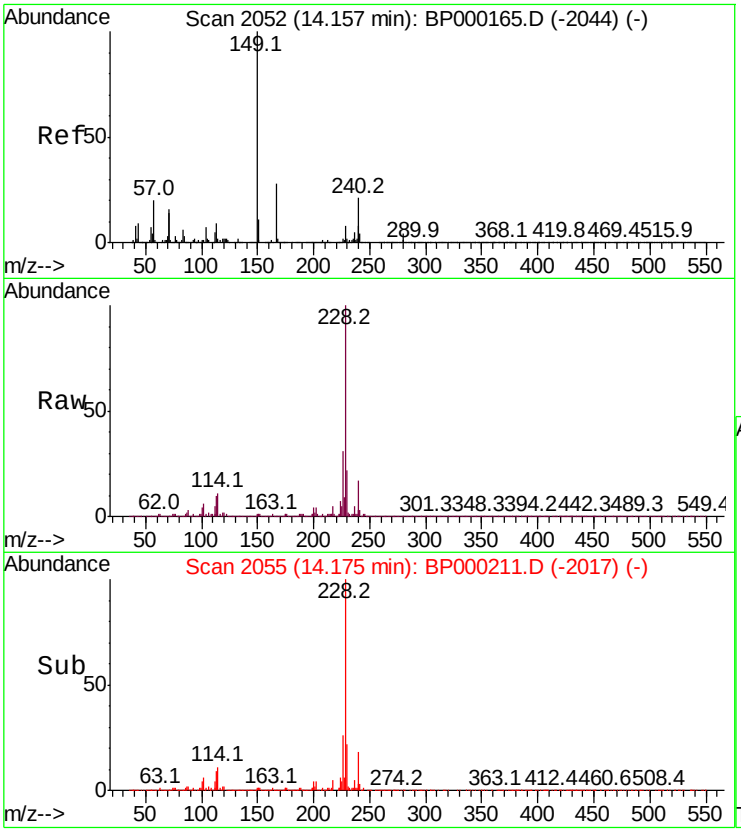


#83
Benzo(a)anthracene
Concen: 83.487 ng/ul
RT: 14.17 min Scan# 2054
Delta R.T. 0.04 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Tgt Ion:228 Resp: 4957115

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	30.0	22.1	33.1



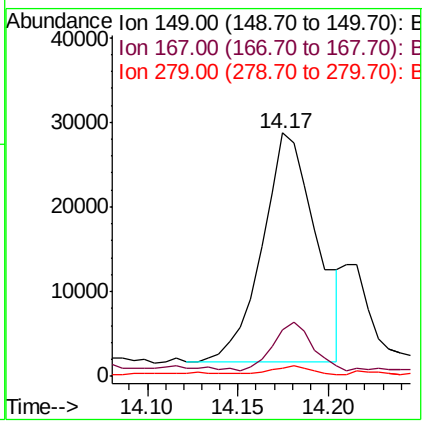


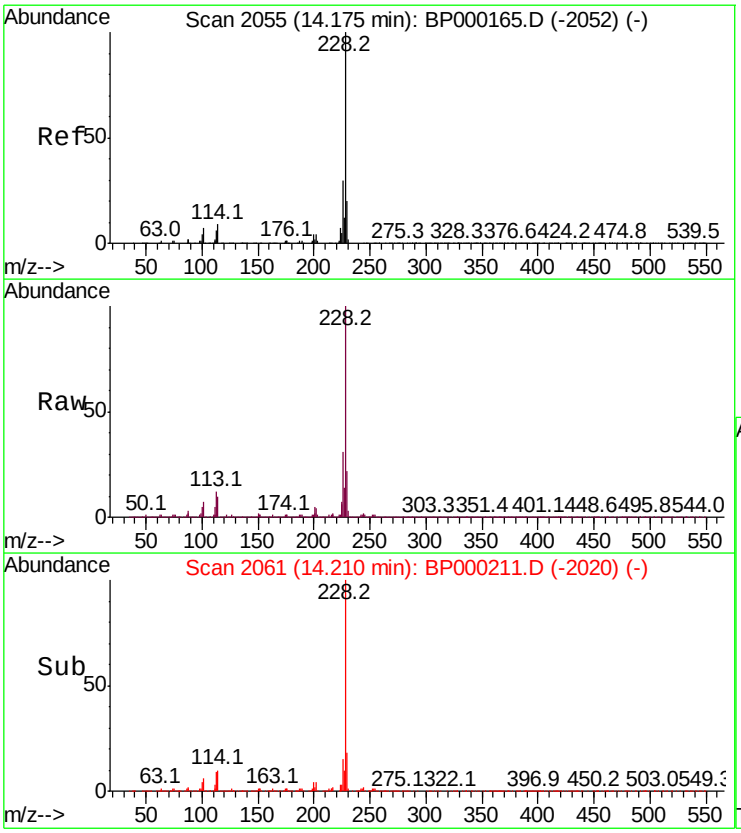
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.674 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 56446

Ion	Ratio	Lower	Upper
149	100		
167	18.9	21.8	32.8#
279	3.5	3.0	4.4

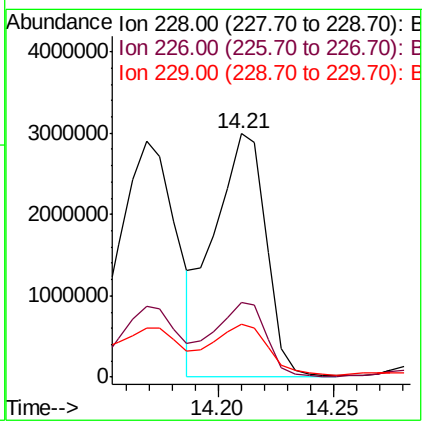


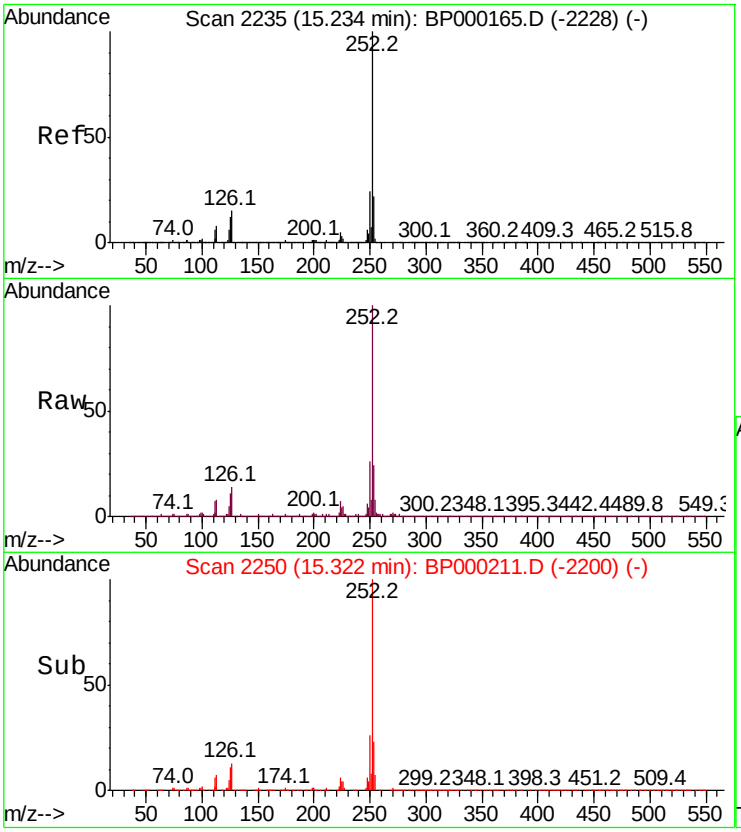


#85
Chrysene
Concen: 85.594 ng/ul
RT: 14.21 min Scan# 2061
Delta R.T. 0.04 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Tgt Ion:228 Resp: 4663611

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	21.9	16.0	24.0



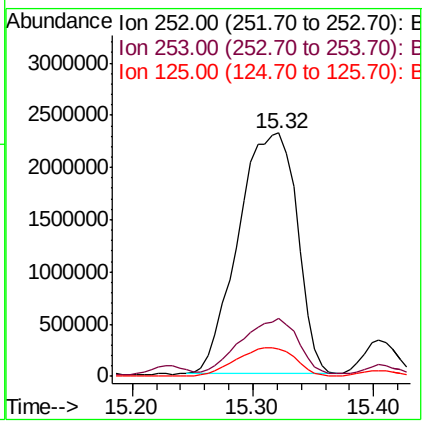


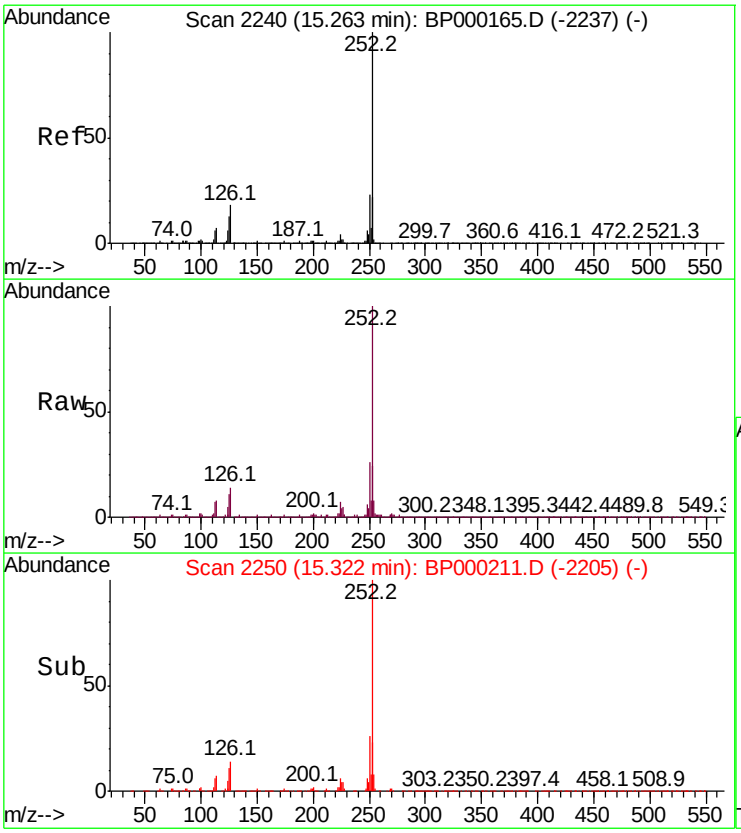
#88
Benzo(b)fluoranthene
Concen: 120.207 ng/ul
RT: 15.32 min Scan# 2250
Delta R.T. 0.09 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 7790025

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	11.3	9.9	14.9

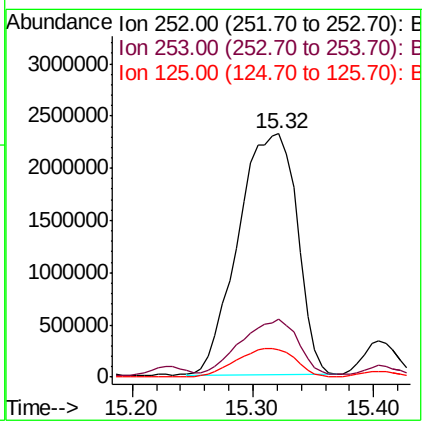


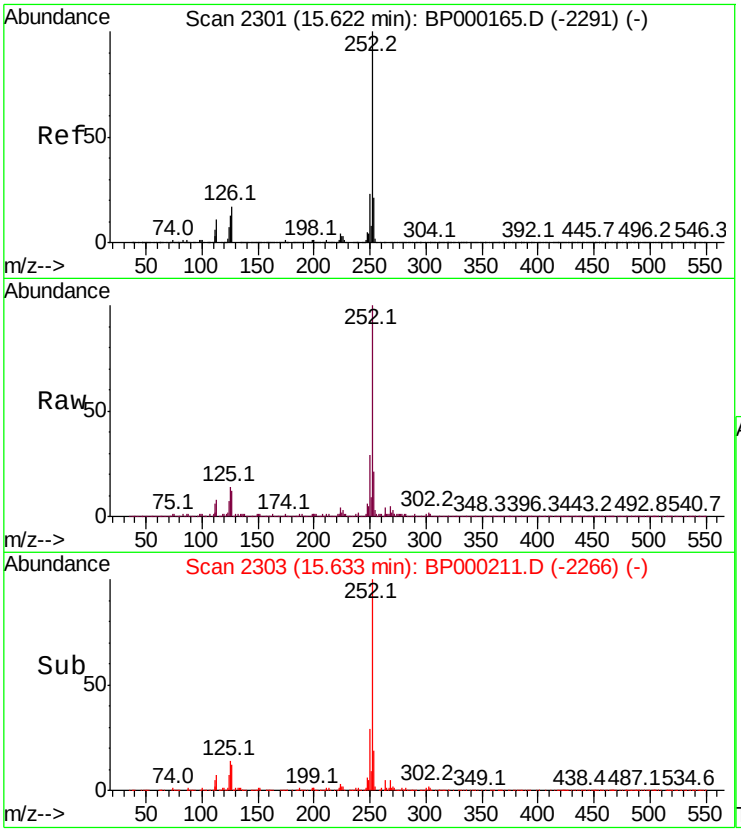


#89
Benzo(k)fluoranthene
Concen: 127.583 ng/ul
RT: 15.32 min Scan# 2250
Delta R.T. 0.06 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Tgt Ion:252 Resp: 7793798

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	11.3	10.2	15.2



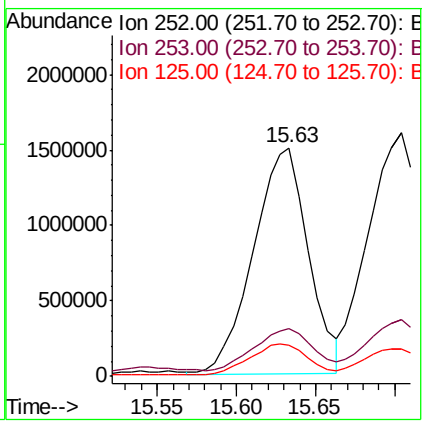


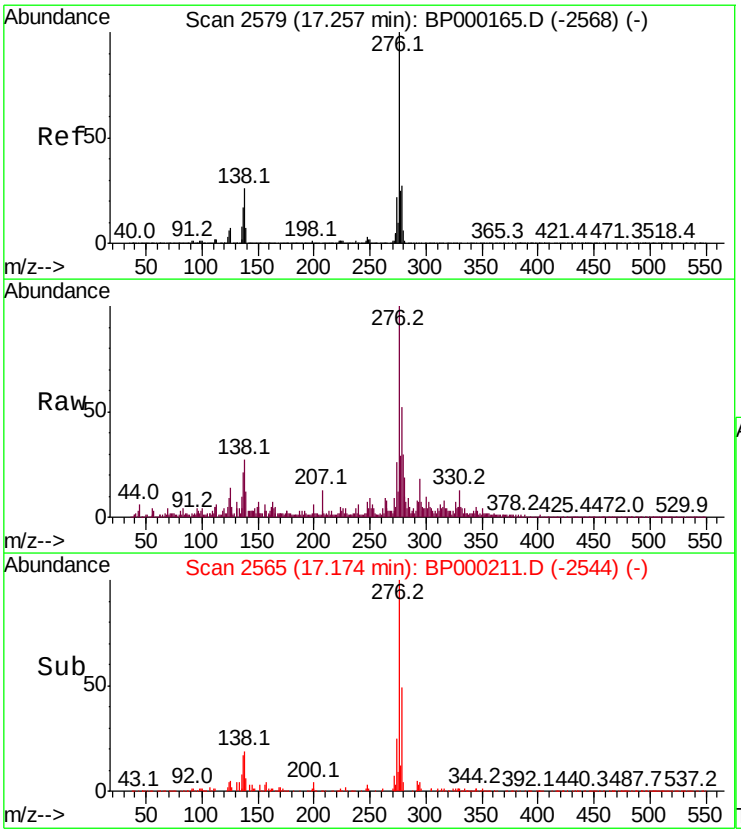
#91
Benzo(a)pyrene
Concen: 59.525 ng/ul
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 3619281

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	13.9	10.2	15.2

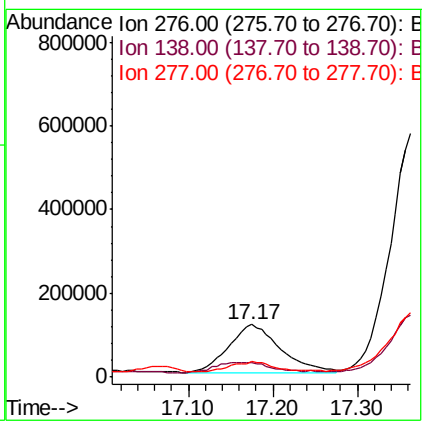


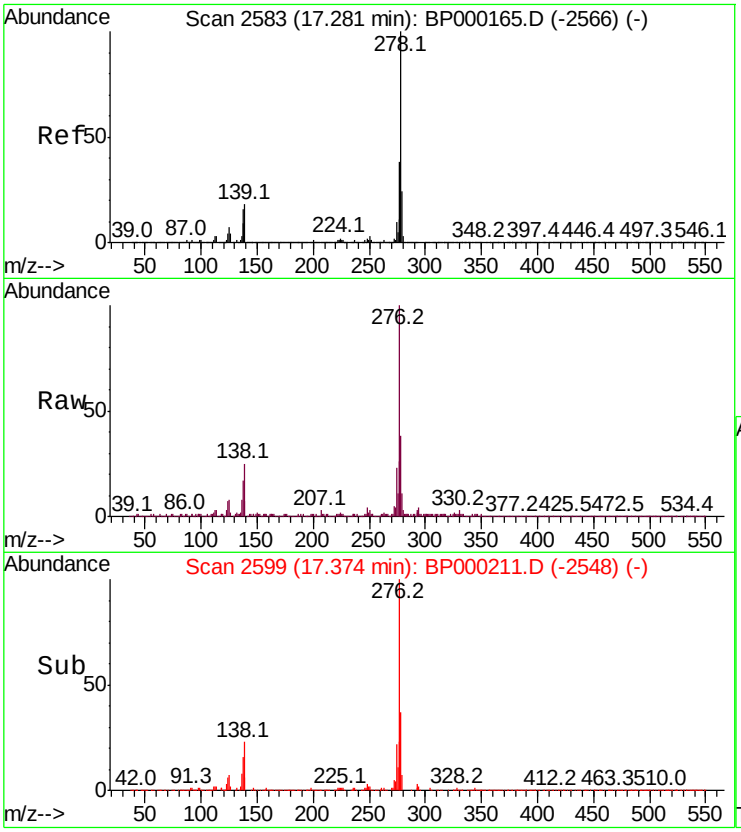


#92
Indeno(1,2,3-cd)pyrene
Concen: 6.887 ng/ul
RT: 17.17 min Scan# 2565
Delta R.T. -0.08 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Tgt Ion:276 Resp: 481744

Ion	Ratio	Lower	Upper
276	100		
138	27.1	20.0	30.0
277	29.0	19.4	29.0



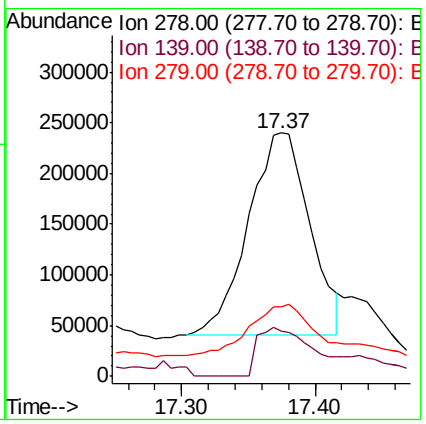


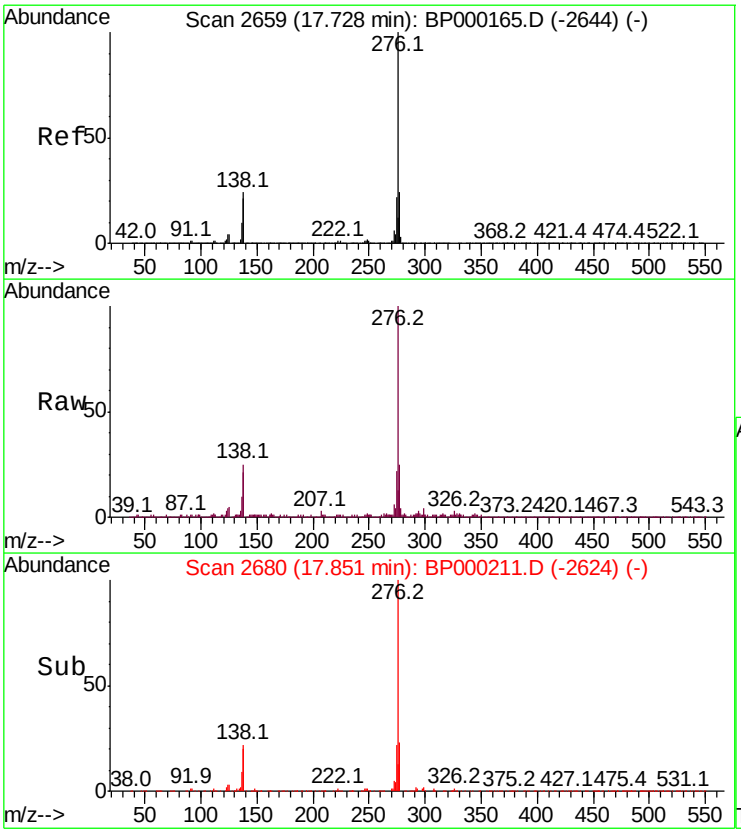
#93
Dibenzo(a,h)anthracene
Concen: 10.889 ng/ul
RT: 17.37 min Scan# 2599
Delta R.T. 0.10 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 630880

Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.1	22.7
279	28.6	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 30.048 ng/ul
RT: 17.85 min Scan# 2680
Delta R.T. 0.13 min
Lab File: BP000211.D
Acq: 12 Sep 2019 12:25

Tgt Ion:276 Resp: 1752480

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.0	30.0
277	25.0	19.1	28.7