Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000184.D
Acq On : 10 Sep 2019 23:03
Operator : HP/JU
Sample : K4633-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 11 02:00:39 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	462941	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1756497	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	920135	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1577123	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1031024	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1175005	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	53178	4.07	ng/uL	0.01
5) Phenol-d5	6.51	99	988000	25.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	507779	24.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	814778	25.55	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	768034	25.93	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	392528	29.43	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	421054	32.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	720634	26.15	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	781827	22.94	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1957664	28.81	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2323607	27.67	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	265787	21.89	ng/ul	0.00
58) Fluorene-d10	10.47	176	1547918	26.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	100354	13.84	ng/ul	0.00
71) Anthracene-d10	11.50	188	2041599	26.73	ng/ul	0.00
79) Pyrene-d10	12.90	212	2007708	32.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1785268	29.31	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.52	94	165914	4.037	ng/ul	99
28) Naphthalene	8.20	128	198868	2.079	ng/ul	99
45) Dimethylphthalate	9.66	163	706835	10.310	ng/ul	98
50) Acenaphthene	9.97	153	431724	7.103	ng/ul	100
54) Dibenzofuran	10.15	168	141630	1.698	ng/ul	98
59) Fluorene	10.50	166	202614	3.141	ng/ul	99
70) Phenanthrene	11.47	178	2843321	30.486	ng/ul	99
72) Anthracene	11.53	178	608458	6.630	ng/ul	99
75) Carbazole	11.67	167	439770	5.604	ng/ul	100
77) Fluoranthene	12.69	202	4765179	50.656	ng/ul	97
80) Pyrene	12.92	202	4236533	54.464	ng/ul	96
83) Benzo(a)anthracene	14.14	228	2797093	37.478	ng/ul	95
85) Chrysene	14.18	228	3015601	44.033	ng/ul	98
88) Benzo(b)fluoranthene	15.25	252	4793521	61.553	ng/ul	97
89) Benzo(k)fluoranthene	15.25	252	4793521	65.298	ng/ul	98
91) Benzo(a)pyrene	15.64	252	3106297	42.513	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.28	276	2334257	27.769	ng/ul	99
93) Dibenzo(a,h)anthracene	17.29	278	610825	8.773	ng/ul	98
94) Benzo(g,h,i)perylene	17.75	276	1958345	27.942	ng/ul	99

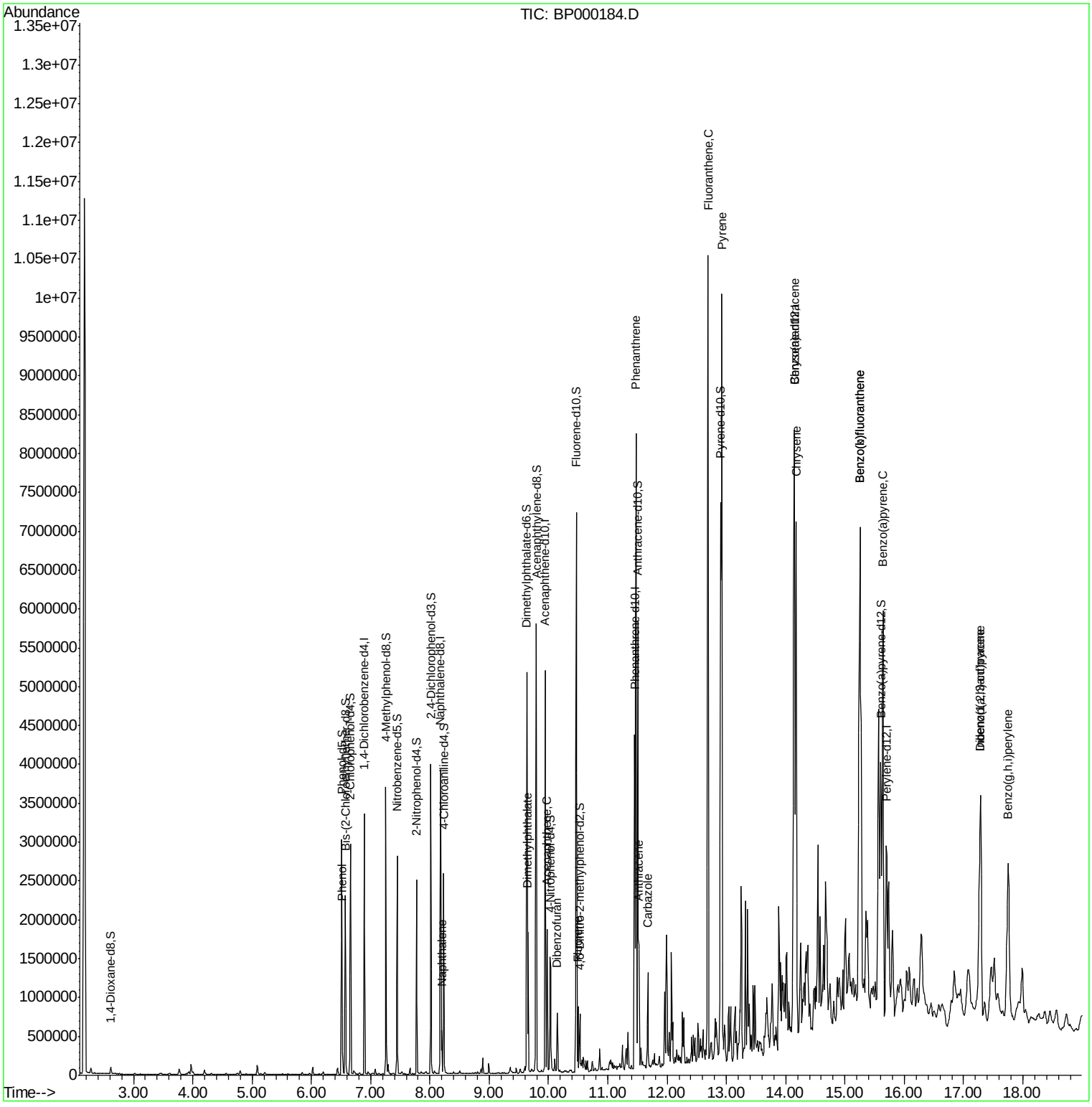
(#) = qualifier out of range (m) = manual integration (+) = signals summed

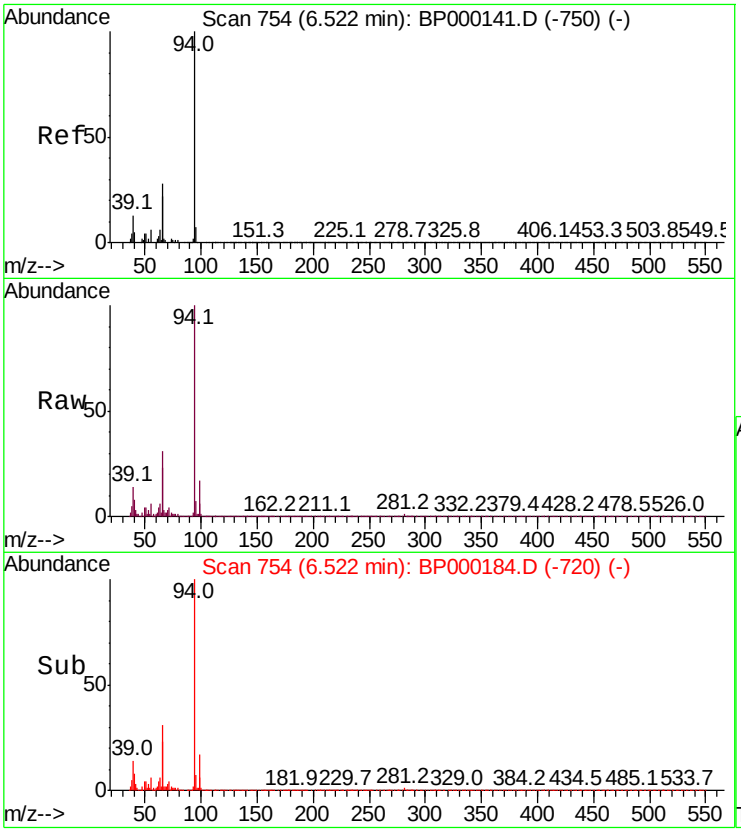
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000184.D
Acq On : 10 Sep 2019 23:03
Operator : HP/JU
Sample : K4633-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 11 02:00:39 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



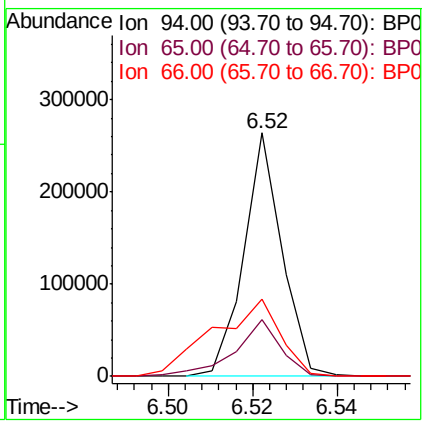


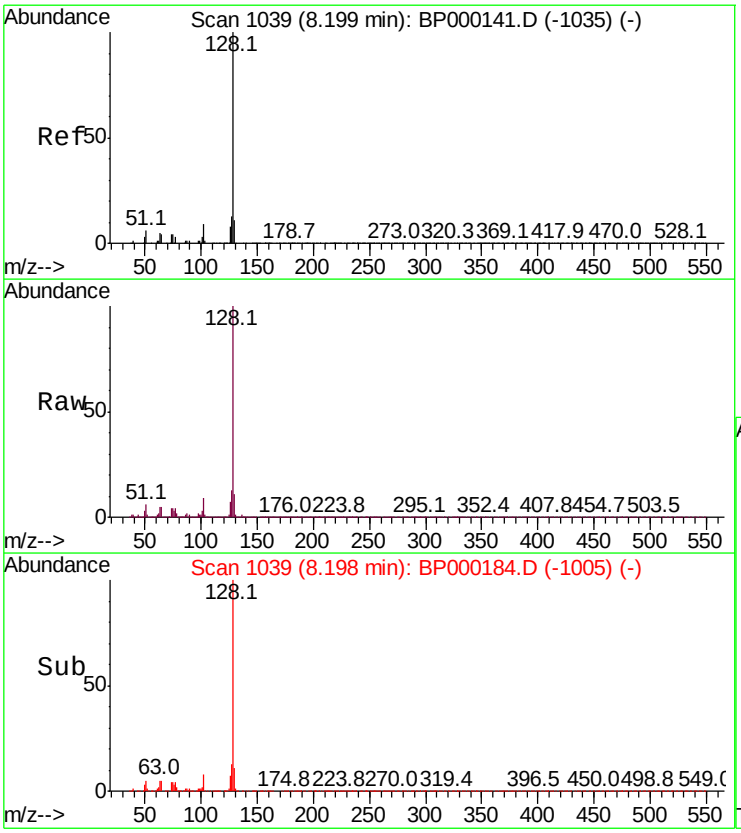
#6
Phenol
Concen: 4.037 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 165914

Ion	Ratio	Lower	Upper
94	100		
65	23.4	18.8	28.2
66	31.5	24.2	36.2

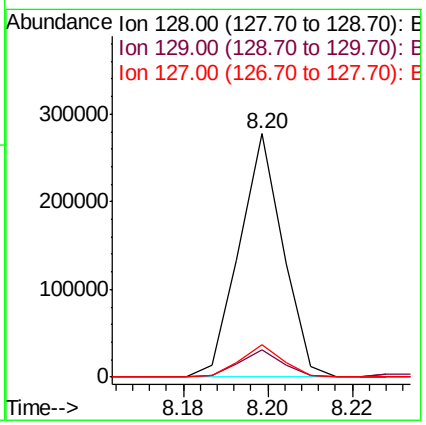


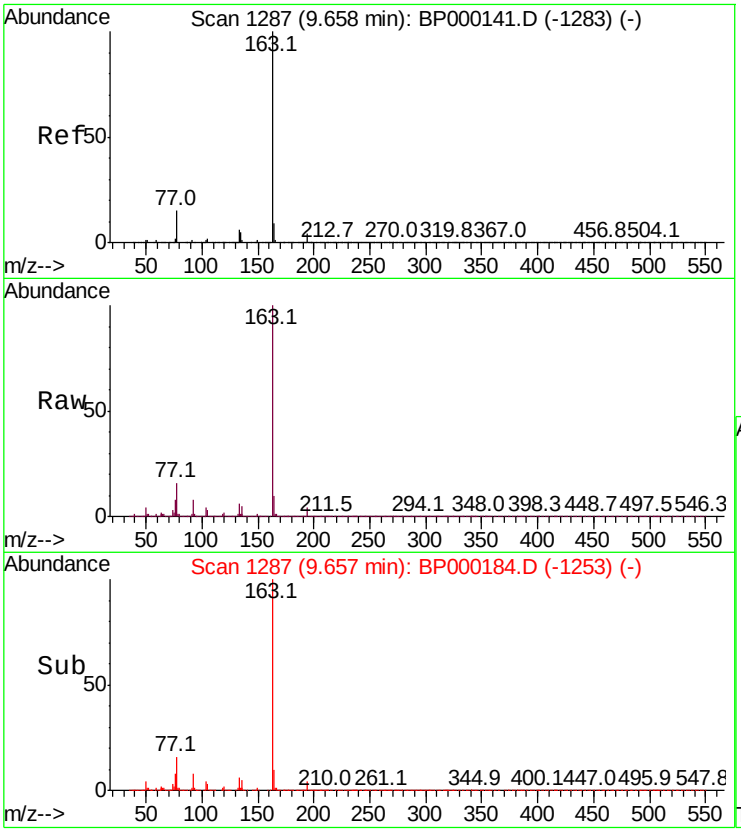


#28
Naphthalene
Concen: 2.079 ng/ul
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Tgt Ion:128 Resp: 198868

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.4	10.7	16.1



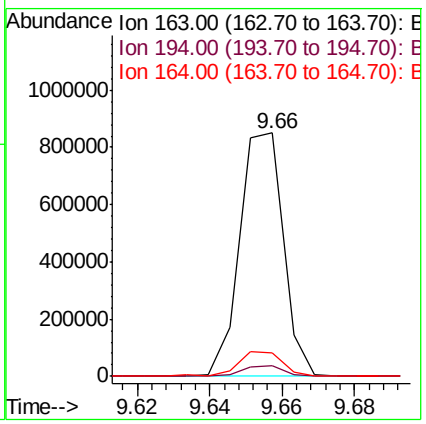


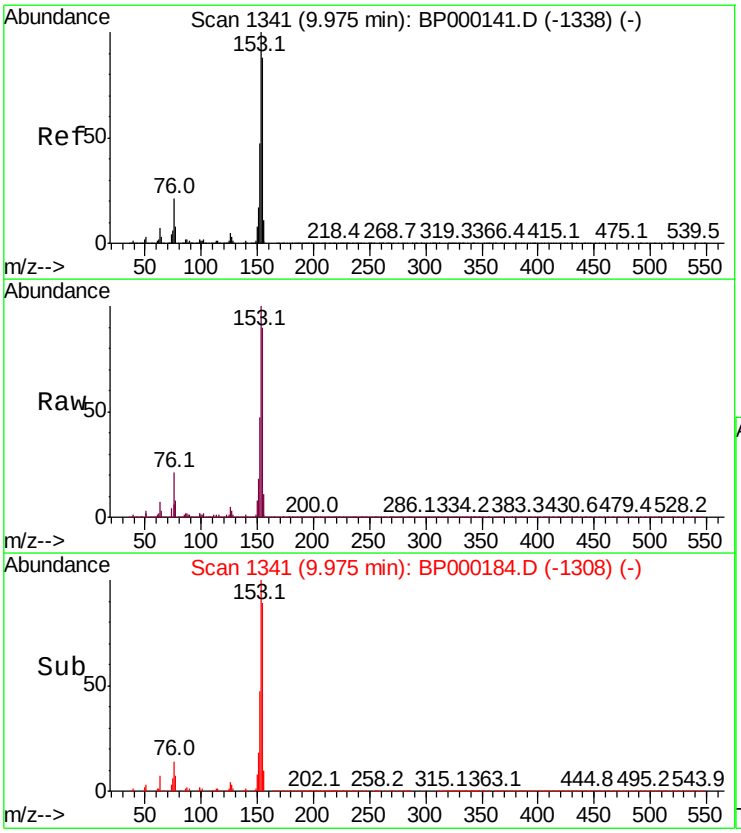
#45
Dimethylphthalate
Concen: 10.310 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 706835

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	9.8	8.4	12.6

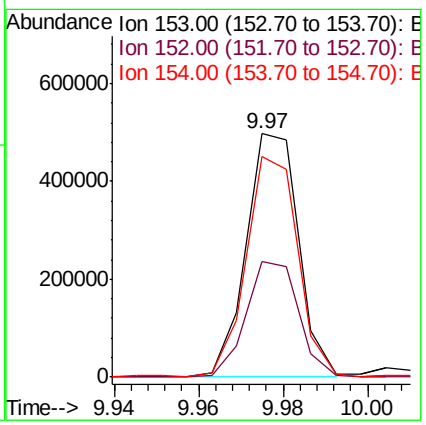


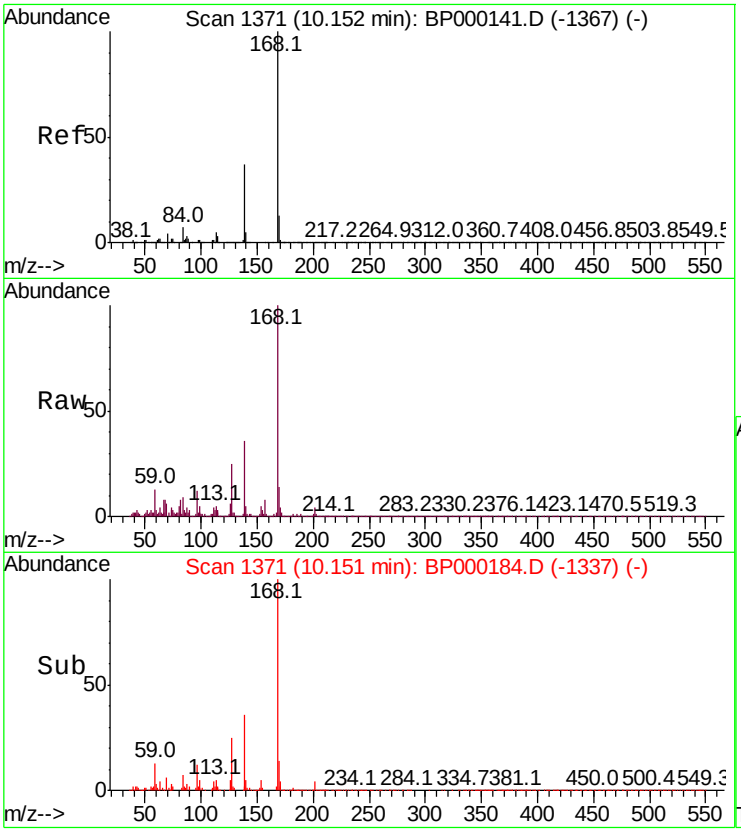


#50
Acenaphthene
Concen: 7.103 ng/ul
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Tgt Ion:153 Resp: 431724

Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.0	57.0
154	90.4	72.6	108.8



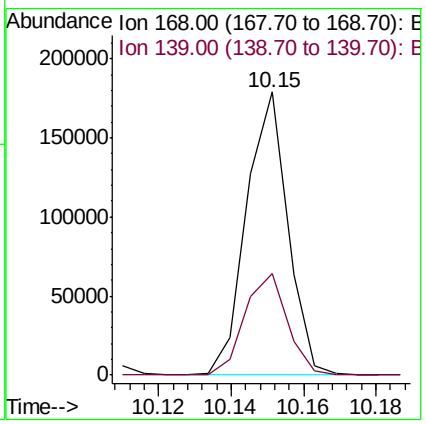


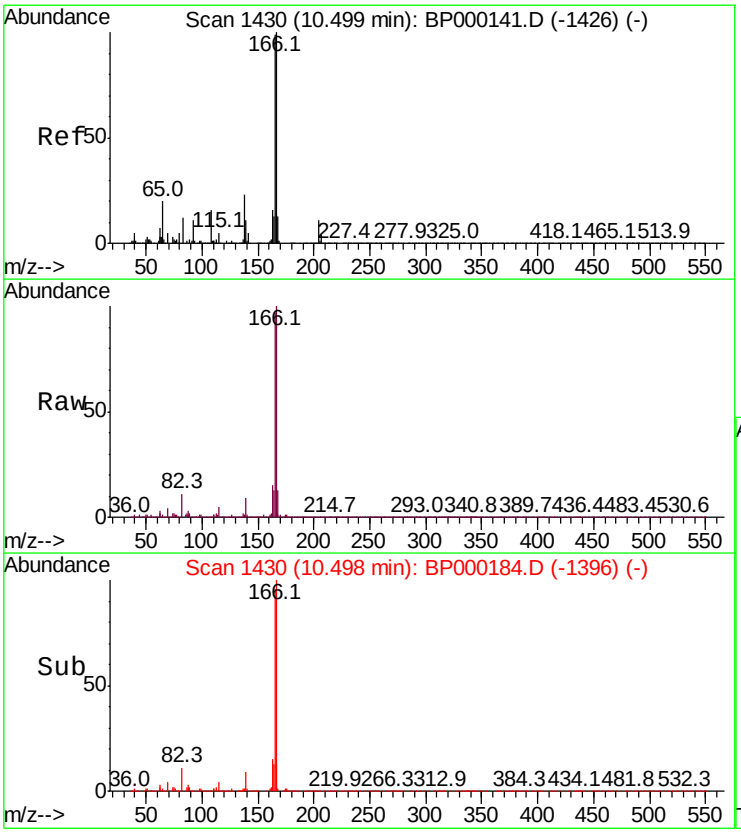
#54
Dibenzofuran
Concen: 1.698 ng/ul
RT: 10.15 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:168 Resp: 141630

Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.0	45.0

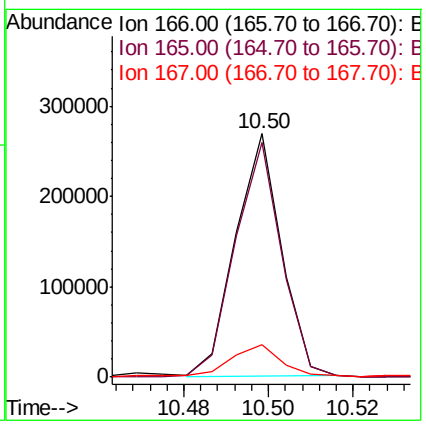


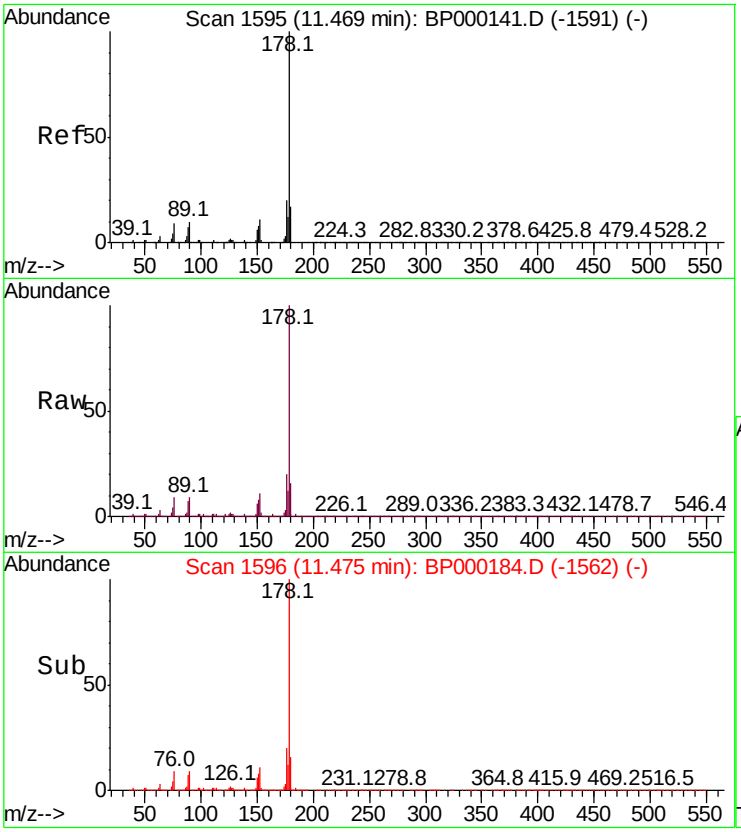


#59
Fluorene
Concen: 3.141 ng/ul
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Tgt Ion:166 Resp: 202614

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.8	116.8
167	13.5	10.9	16.3



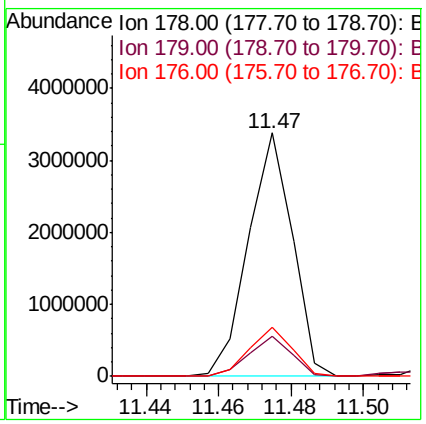


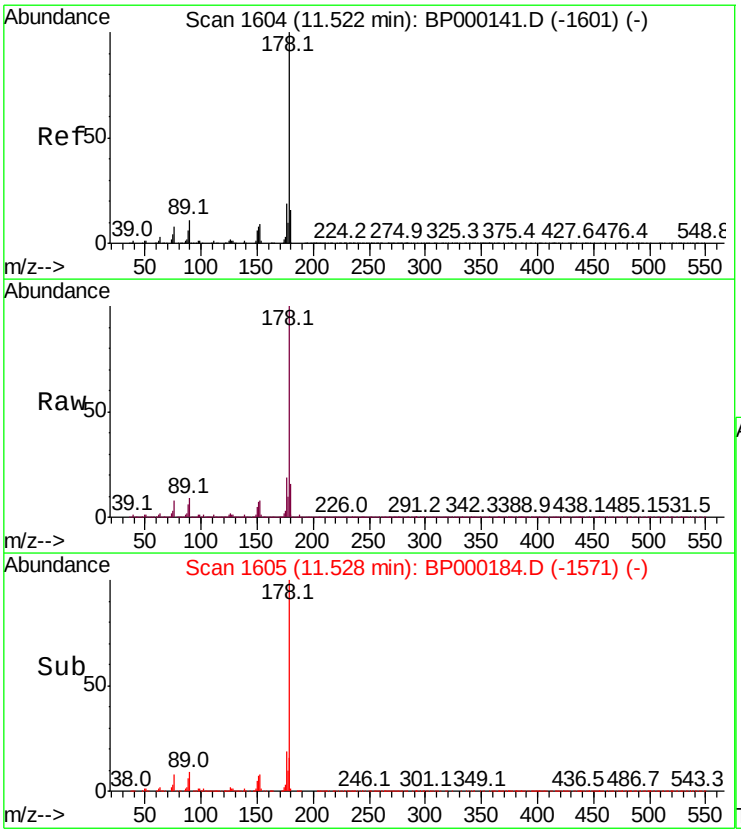
#70
Phenanthrene
Concen: 30.486 ng/ul
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2843321

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.5	18.7
176	20.2	15.7	23.5

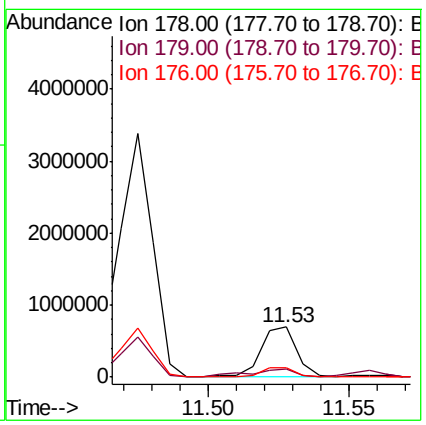


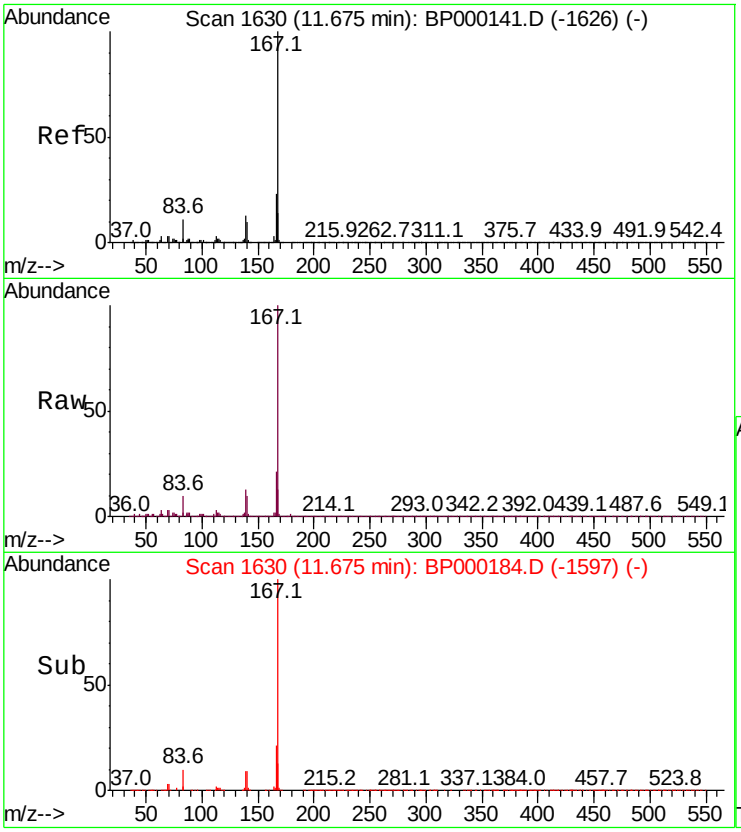


#72
Anthracene
Concen: 6.630 ng/ul
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Tgt Ion:178 Resp: 608458

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.6	15.1	22.7



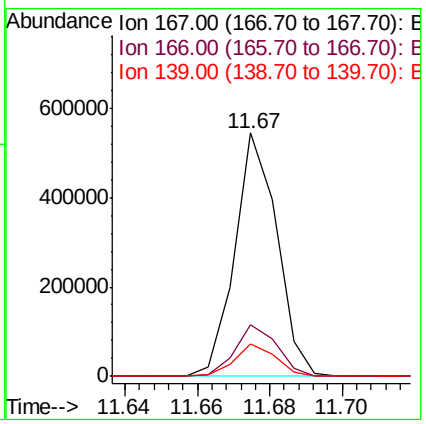


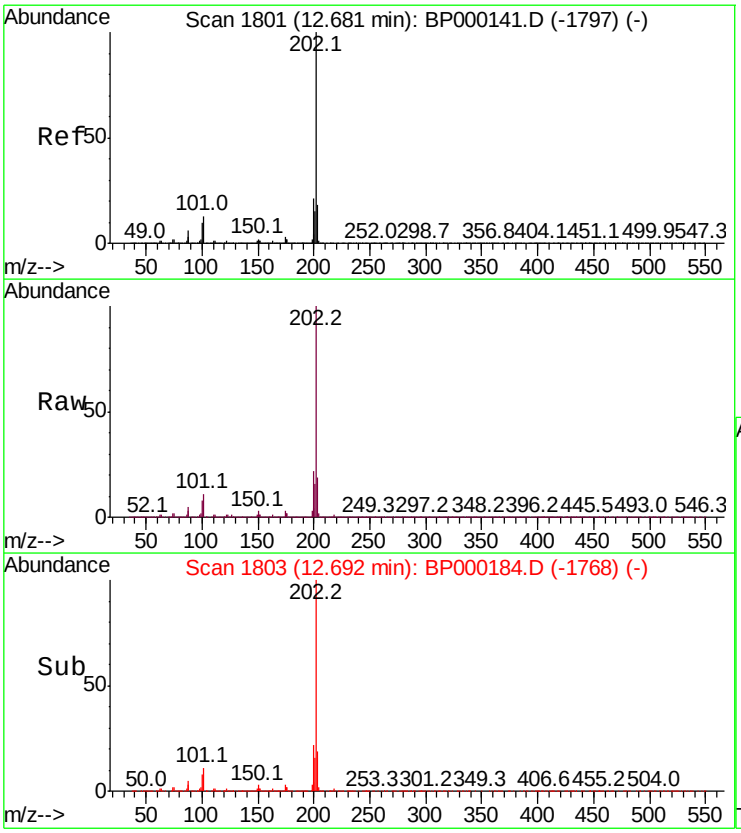
#75
Carbazole
Concen: 5.604 ng/ul
RT: 11.67 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 439770

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.3	25.9
139	13.2	10.6	15.8

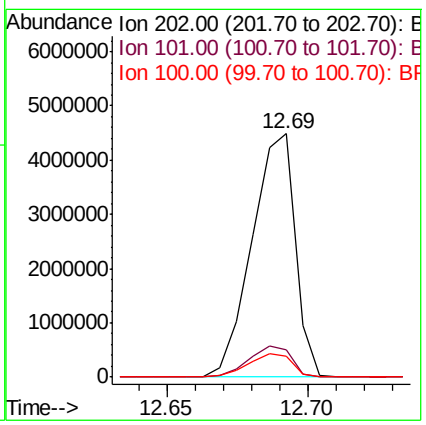


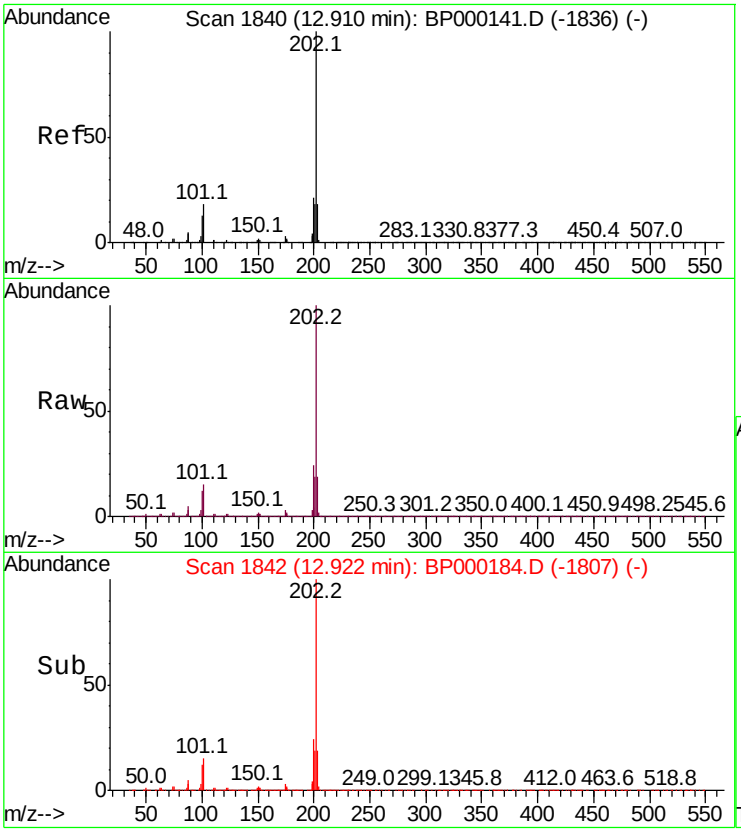


#77
Fluoranthene
Concen: 50.656 ng/ul
RT: 12.69 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Tgt Ion:202 Resp: 4765179

Ion	Ratio	Lower	Upper
202	100		
101	11.1	10.0	15.0
100	8.4	7.4	11.2



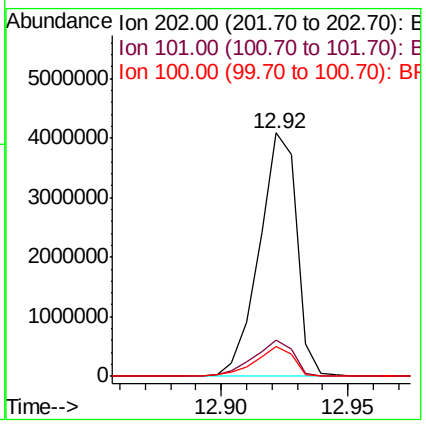


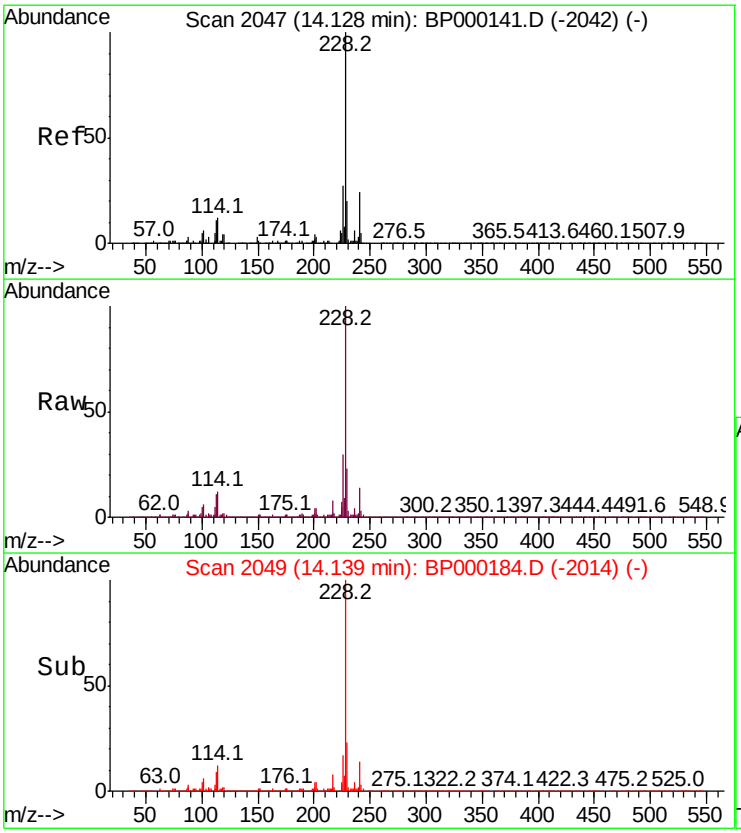
#80
Pyrene
Concen: 54.464 ng/ul
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 4236533

Ion	Ratio	Lower	Upper
202	100		
101	14.8	13.4	20.0
100	12.0	10.8	16.2

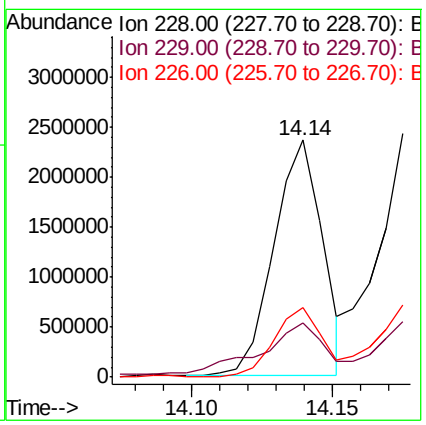


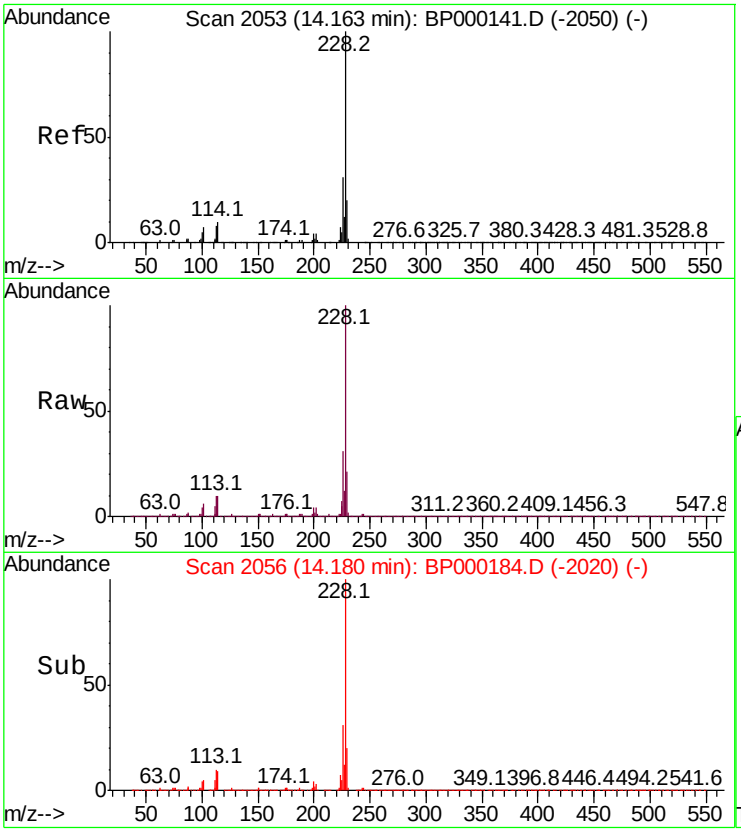


#83
Benzo(a)anthracene
Concen: 37.478 ng/ul
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Tgt Ion:228 Resp: 2797093

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.9	23.9
226	29.5	22.1	33.1



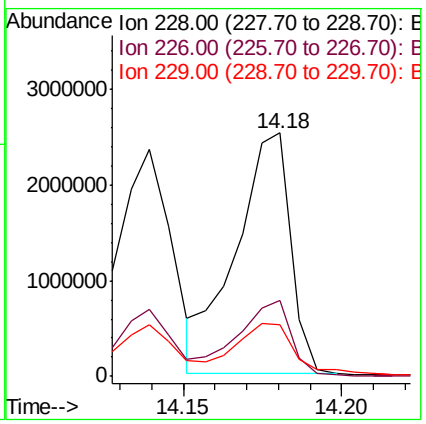


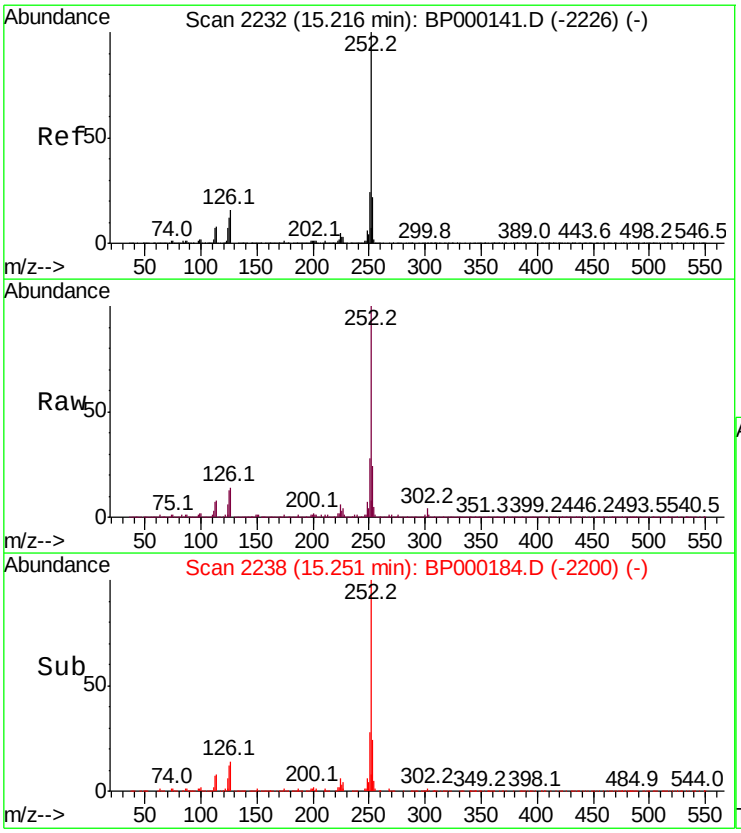
#85
Chrysene
Concen: 44.033 ng/ul
RT: 14.18 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 3015601

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	21.1	16.0	24.0

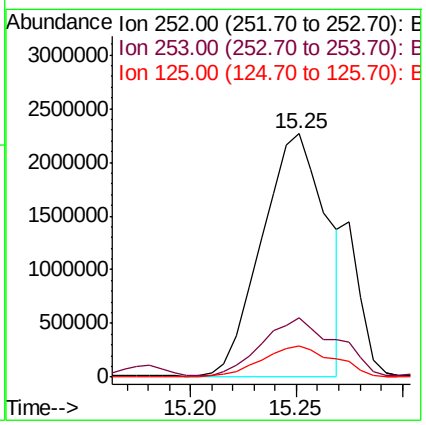


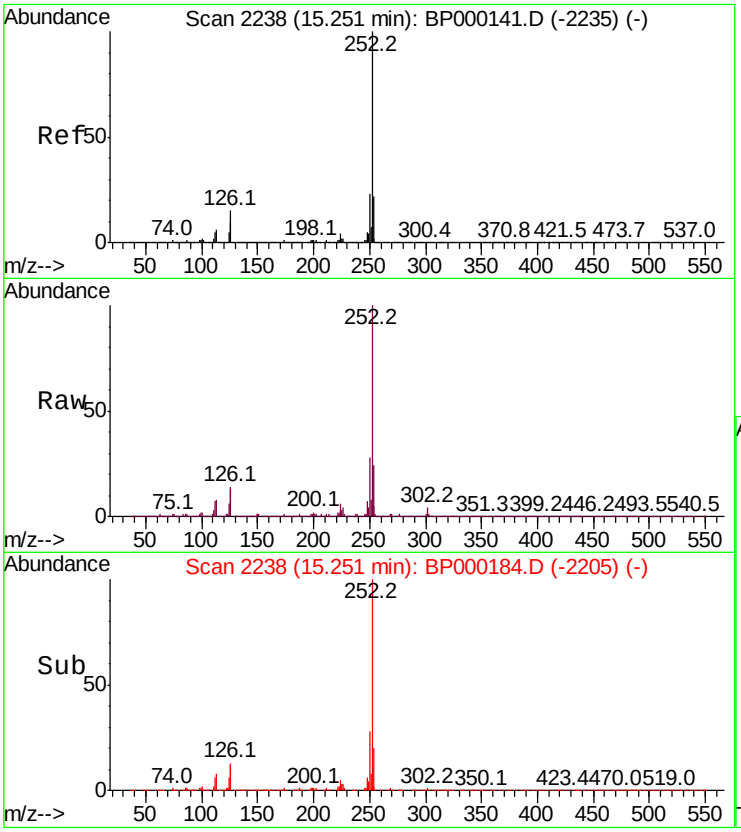


#88
Benzo(b)fluoranthene
Concen: 61.553 ng/ul
RT: 15.25 min Scan# 2238
Delta R.T. 0.02 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Tgt Ion:252 Resp: 4793521

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	12.8	9.9	14.9



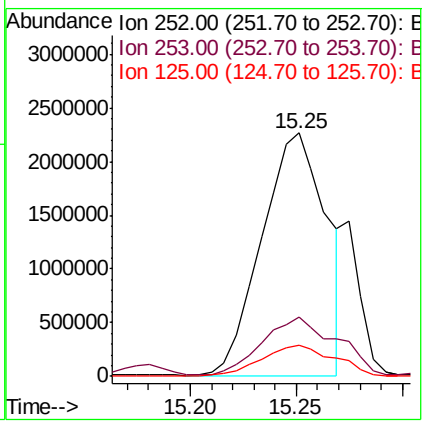


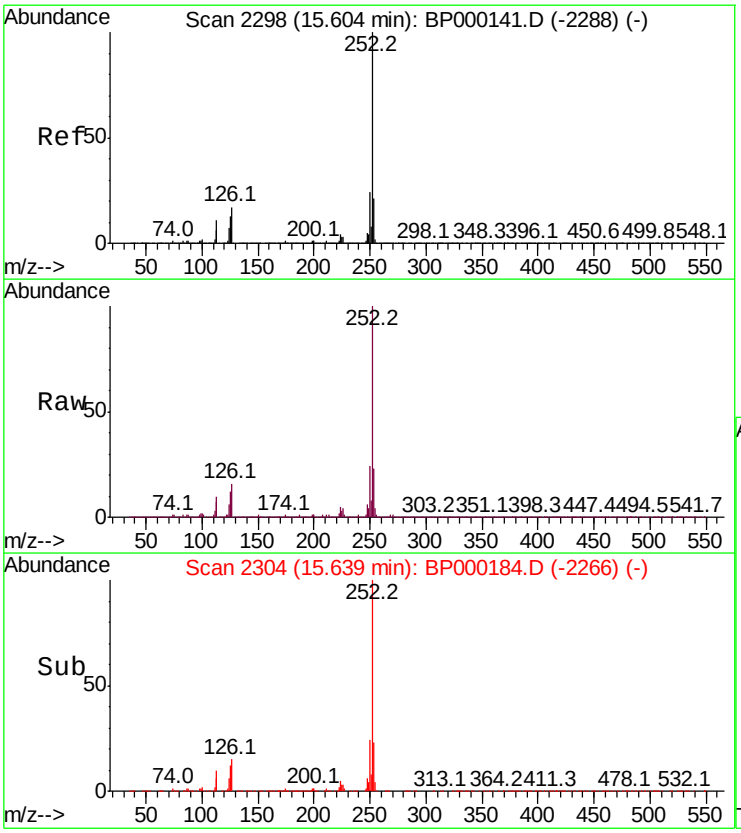
#89
Benzo(k)fluoranthene
Concen: 65.298 ng/ul
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 4793521

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	12.8	10.2	15.2

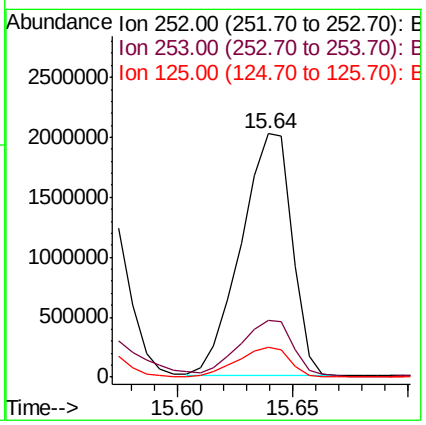


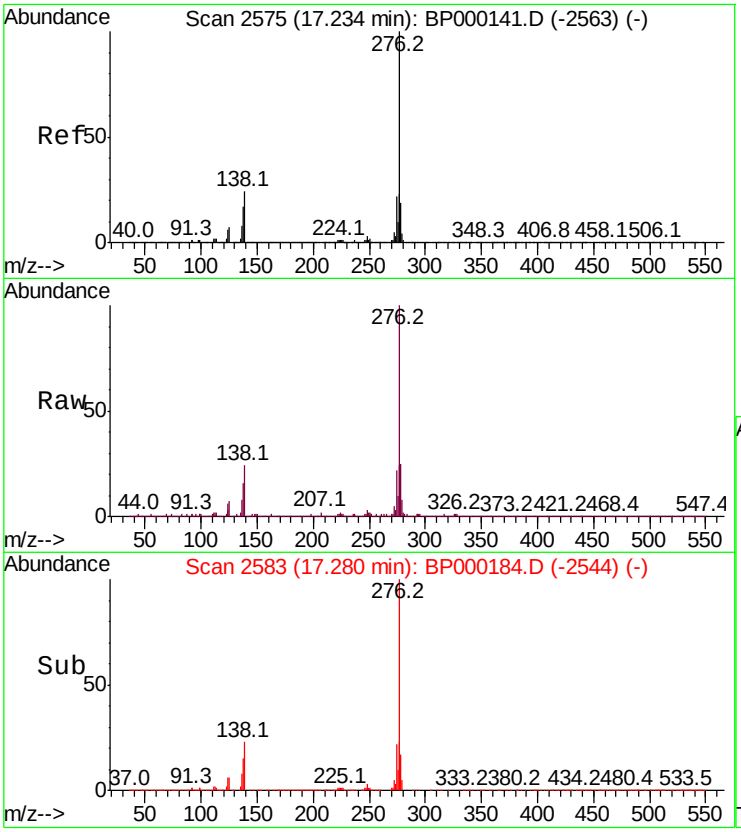


#91
Benzo(a)pyrene
Concen: 42.513 ng/ul
RT: 15.64 min Scan# 2304
Delta R.T. 0.02 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Tgt Ion:252 Resp: 3106297

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	12.1	10.2	15.2



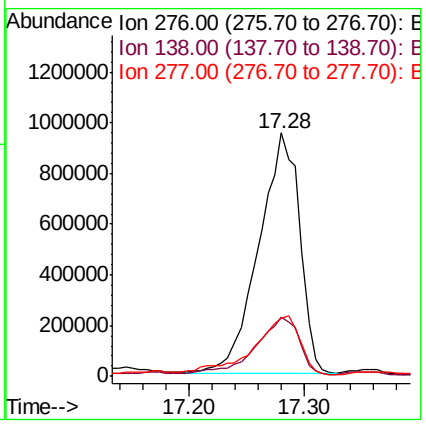


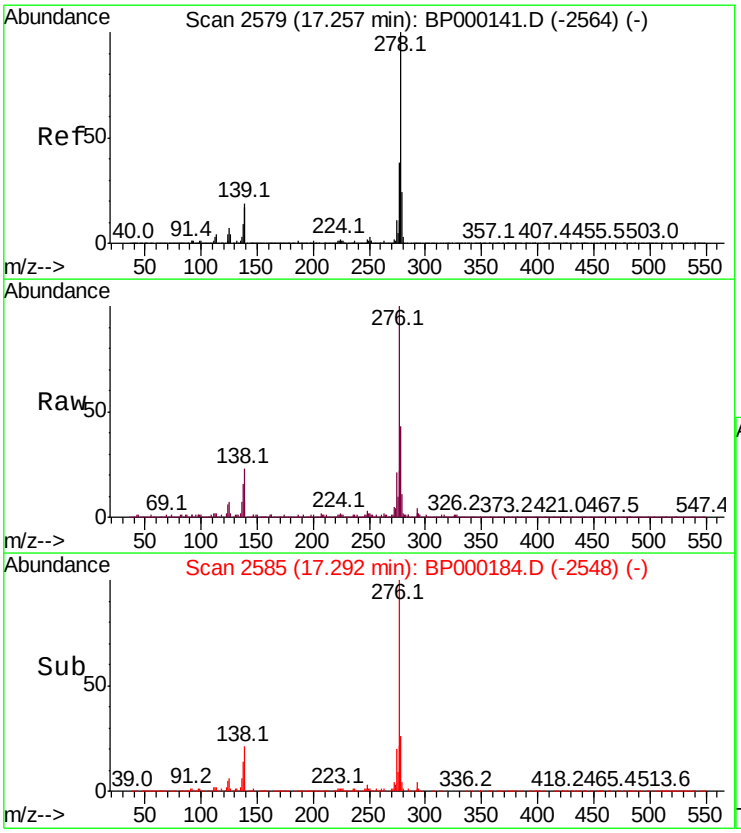
#92
Indeno(1,2,3-cd)pyrene
Concen: 27.769 ng/ul
RT: 17.28 min Scan# 2583
Delta R.T. 0.03 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 2334257

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.0	30.0
277	23.7	19.4	29.0

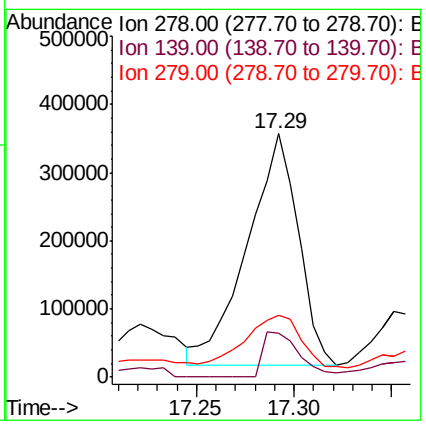


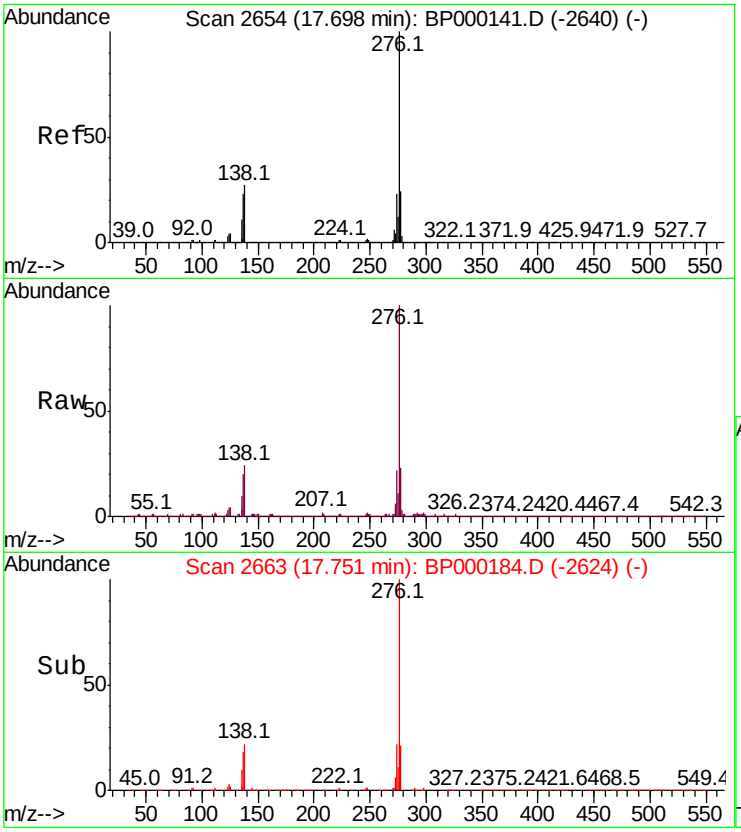


#93
Dibenzo(a,h)anthracene
Concen: 8.773 ng/ul
RT: 17.29 min Scan# 2585
Delta R.T. 0.02 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Tgt Ion:278 Resp: 610825

Ion	Ratio	Lower	Upper
278	100		
139	18.2	15.1	22.7
279	25.3	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 27.942 ng/ul
RT: 17.75 min Scan# 2663
Delta R.T. 0.03 min
Lab File: BP000184.D
Acq: 10 Sep 2019 23:03

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1958345

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.0	30.0
277	23.2	19.1	28.7