Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000180.D
Acq On : 10 Sep 2019 21:26
Operator : HP/JU
Sample : K4634-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 11 01:59:32 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	491724	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1894960	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	997034	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1698005	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1122578	20.00	ng/ul	0.00
86) Perylene-d12	15.69	264	1268578	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	40073	2.89	ng/uL	0.01
5) Phenol-d5	6.50	99	715175	17.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	380101	17.35	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	587402	17.34	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	521759	16.58	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	281079	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	303202	21.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	504836	16.98	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	337388	9.18	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1371090	18.62	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1682294	18.49	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	166168	12.63	ng/ul	0.00
58) Fluorene-d10	10.47	176	1147829	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.52	200	113211	14.51	ng/ul	0.00
71) Anthracene-d10	11.50	188	1546600	18.81	ng/ul	0.00
79) Pyrene-d10	12.90	212	1453259	21.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.59	264	1281617	19.49	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.52	94	144194	3.303	ng/ul	98
45) Dimethylphthalate	9.65	163	378212	5.091	ng/ul	100
50) Acenaphthene	9.98	153	209709	3.184	ng/ul	99
54) Dibenzofuran	10.15	168	142868	1.581	ng/ul	100
59) Fluorene	10.50	166	199028	2.847	ng/ul	98
70) Phenanthrene	11.48	178	2596415	25.857	ng/ul	98
72) Anthracene	11.52	178	658014	6.659	ng/ul	99
75) Carbazole	11.68	167	541339	6.408	ng/ul	97
77) Fluoranthene	12.69	202	3760159	37.126	ng/ul	100
80) Pyrene	12.92	202	3046535	35.971	ng/ul	98
83) Benzo(a)anthracene	14.13	228	1859628	22.885	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	14.15	149	140157	3.037	ng/ul	100
85) Chrysene	14.17	228	1712498	22.966	ng/ul	98
88) Benzo(b)fluoranthene	15.23	252	2437426	28.990	ng/ul	99
89) Benzo(k)fluoranthene	15.23	252	2437426	30.754	ng/ul	99
91) Benzo(a)pyrene	15.62	252	1471733	18.656	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	17.26	276	1200755	13.231	ng/ul	98
93) Dibenzo(a,h)anthracene	17.26	278	328341	4.368	ng/ul	96
94) Benzo(g,h,i)perylene	17.73	276	1187724	15.697	ng/ul	98

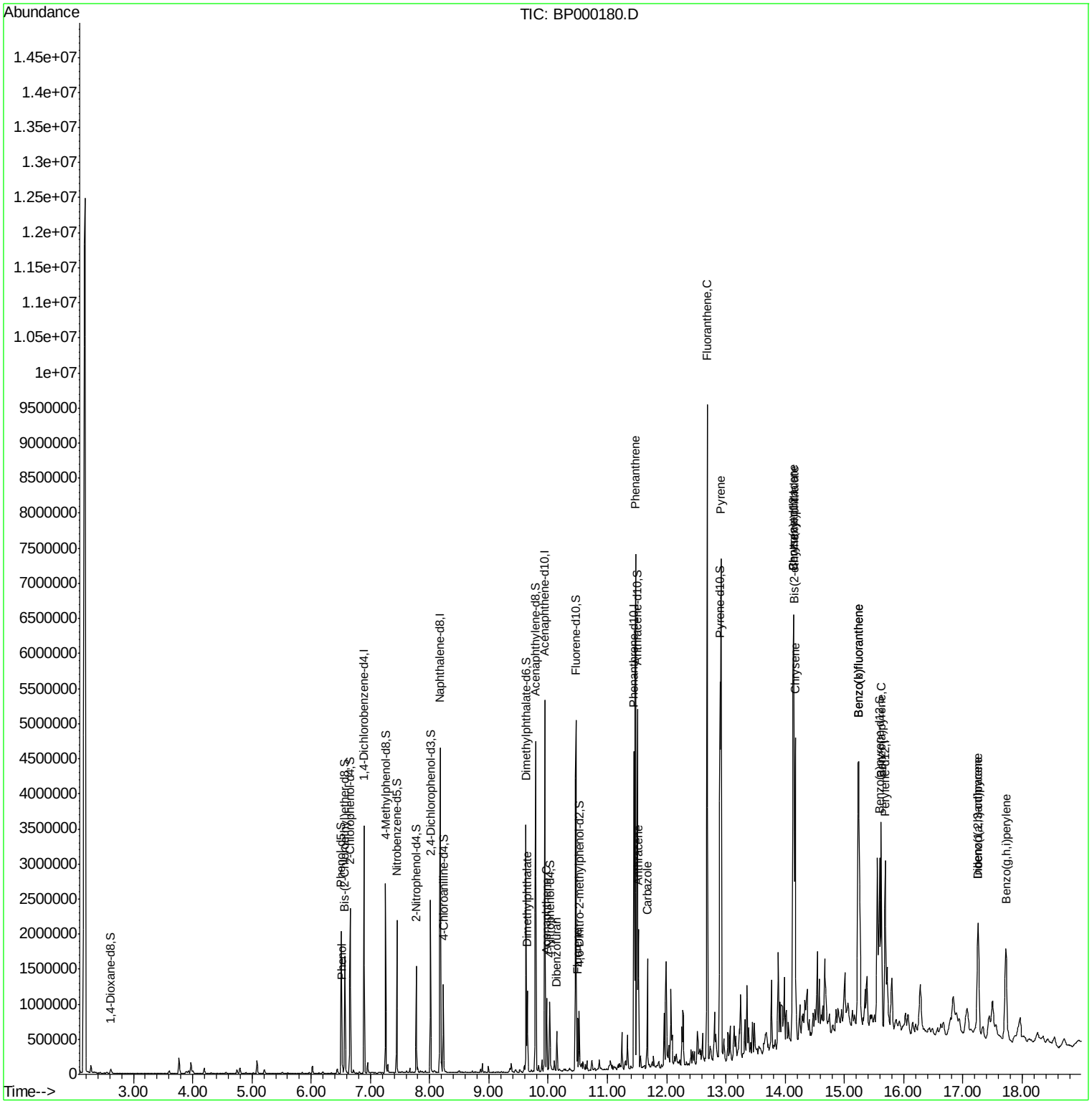
(#) = qualifier out of range (m) = manual integration (+) = signals summed

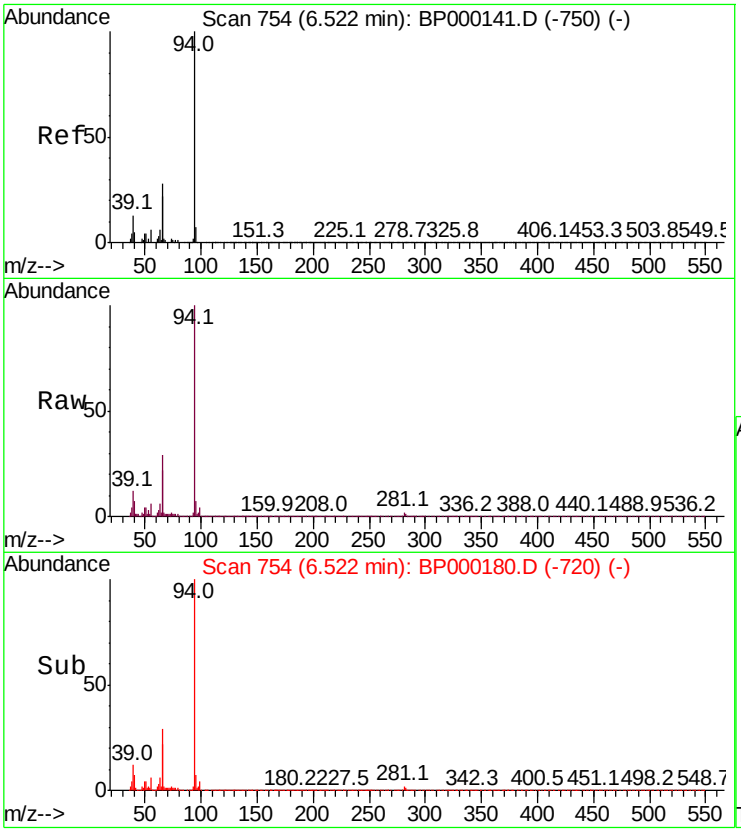
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000180.D
Acq On : 10 Sep 2019 21:26
Operator : HP/JU
Sample : K4634-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 11 01:59:32 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



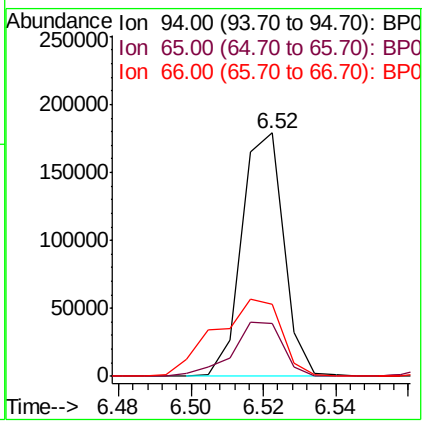


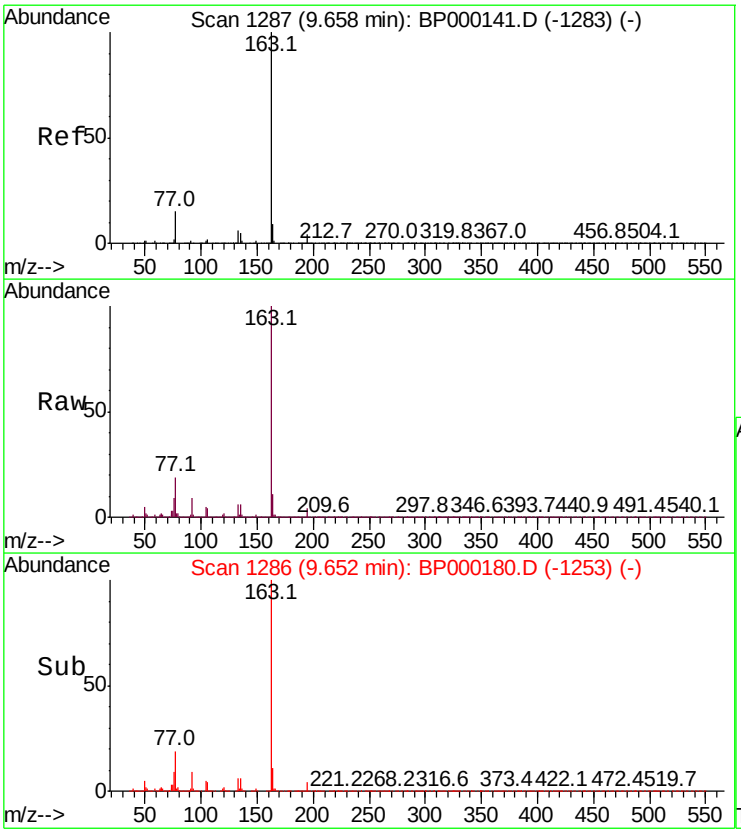
#6
Phenol
Concen: 3.303 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 144194

Ion	Ratio	Lower	Upper
94	100		
65	21.7	18.8	28.2
66	29.4	24.2	36.2

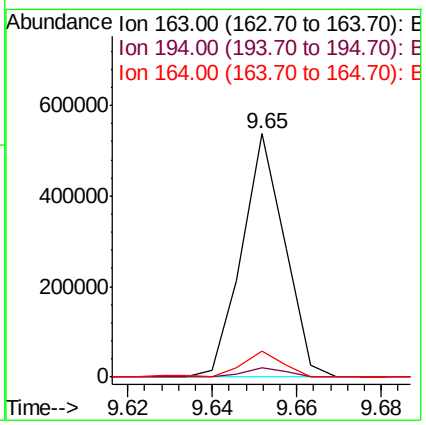


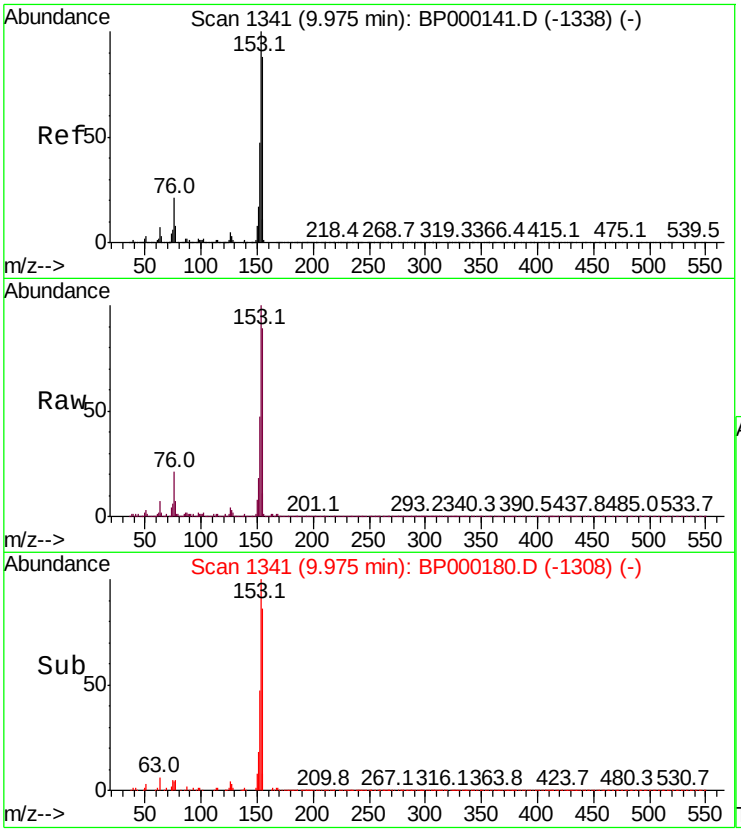


#45
Dimethylphthalate
Concen: 5.091 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Tgt Ion:163 Resp: 378212

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.6	8.4	12.6



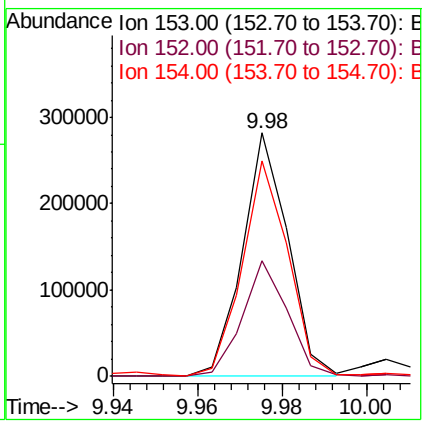


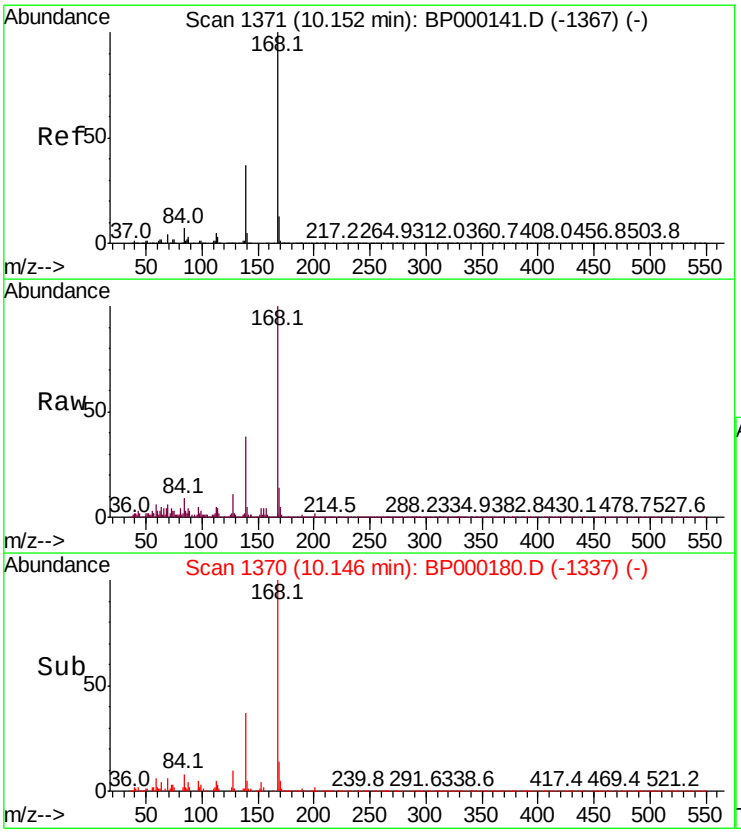
#50
Acenaphthene
Concen: 3.184 ng/ul
RT: 9.98 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:153 Resp: 209709

Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.0	57.0
154	88.7	72.6	108.8

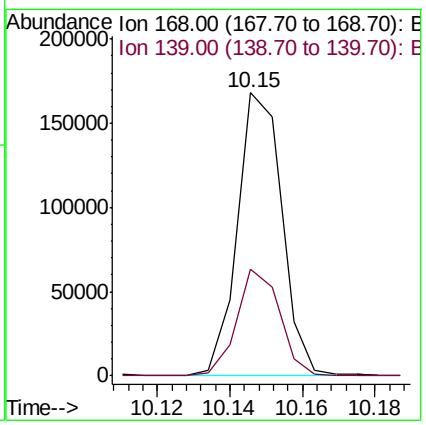


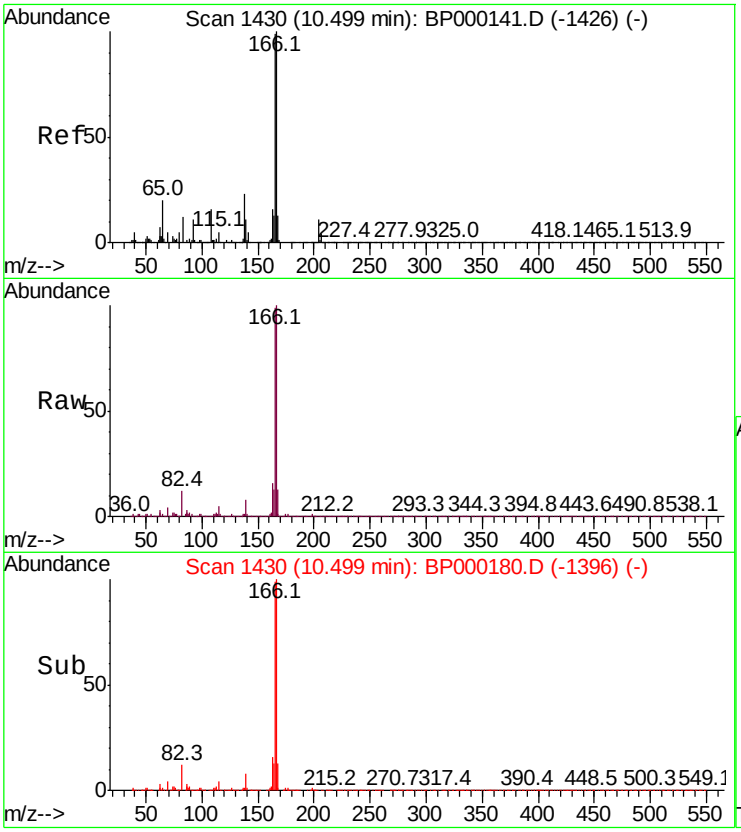


#54
Dibenzofuran
Concen: 1.581 ng/ul
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Tgt Ion:168 Resp: 142868

Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.0	45.0



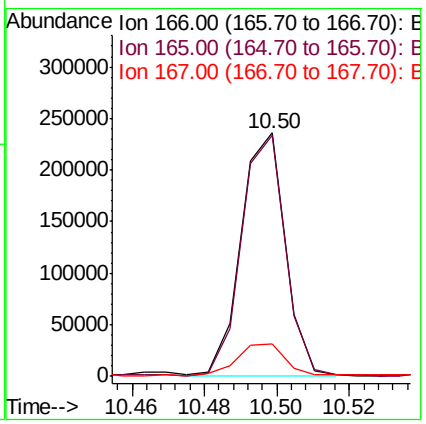


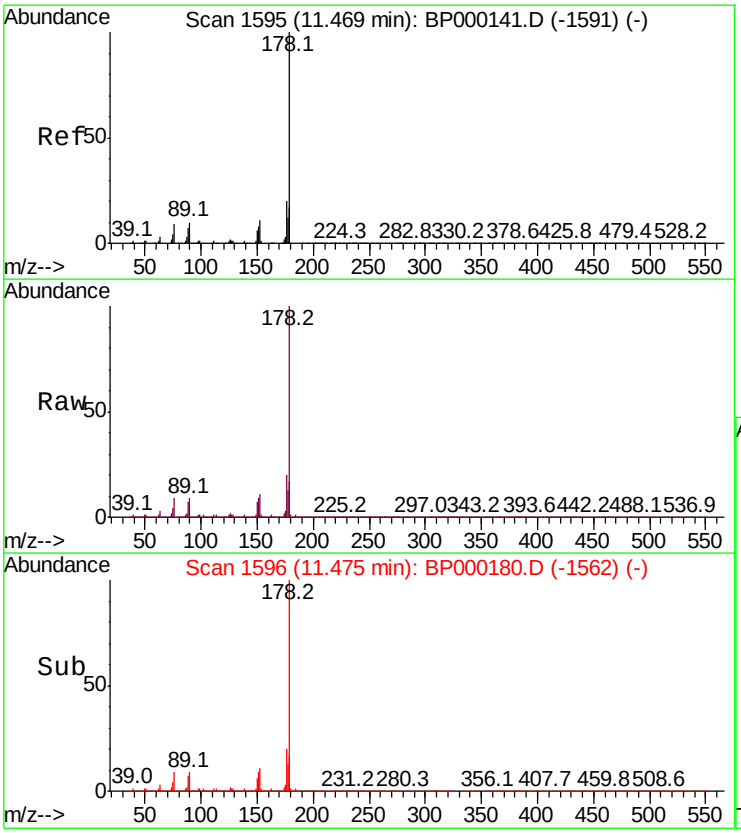
#59
Fluorene
Concen: 2.847 ng/ul
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 199028

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.8
167	13.3	10.9	16.3

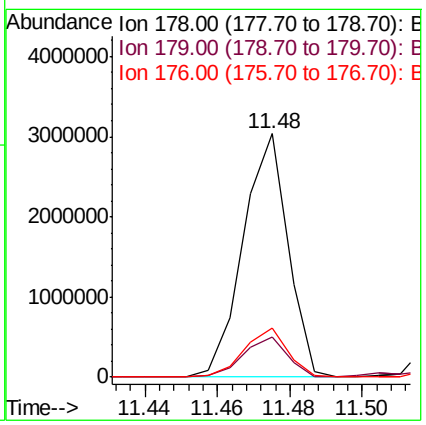


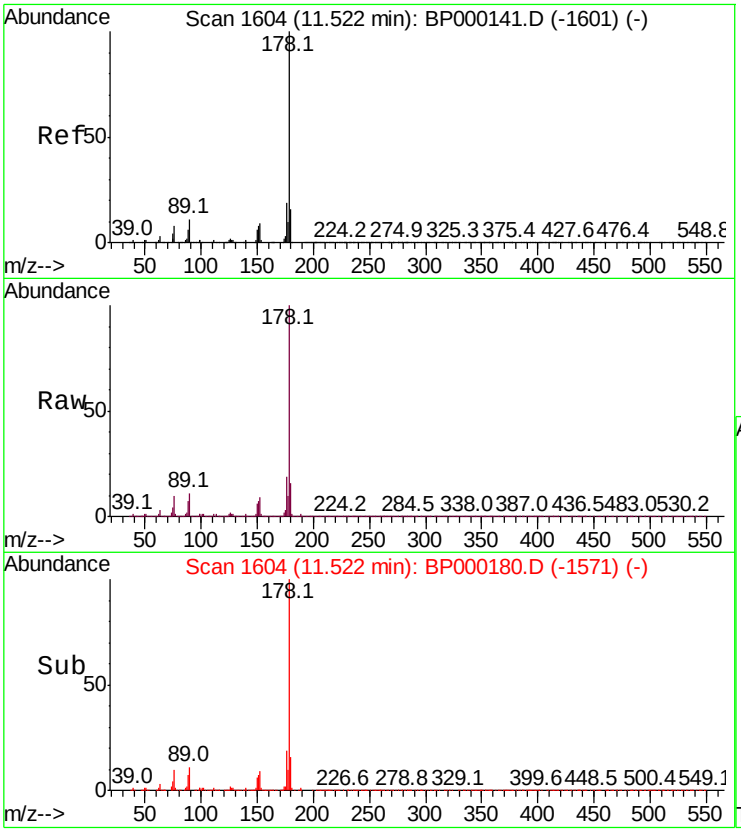


#70
Phenanthrene
Concen: 25.857 ng/ul
RT: 11.48 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Tgt Ion:178 Resp: 2596415

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	20.1	15.7	23.5



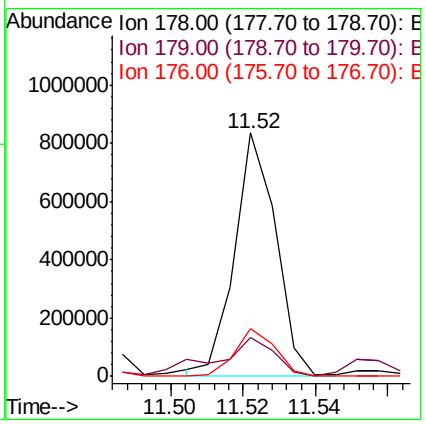


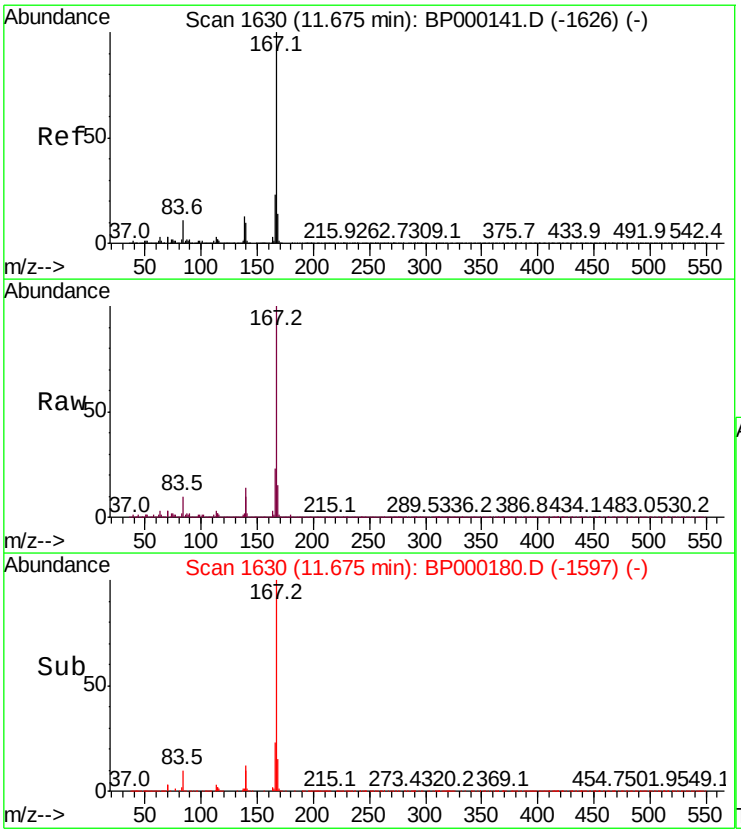
#72
Anthracene
Concen: 6.659 ng/ul
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 658014

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.4	15.1	22.7

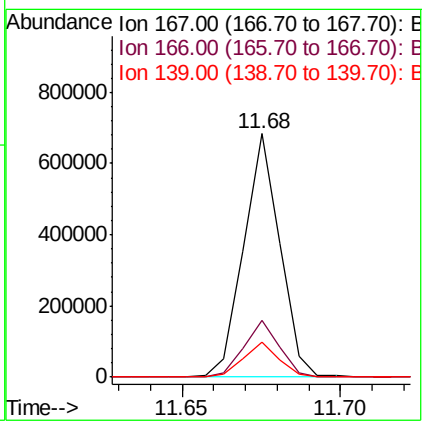


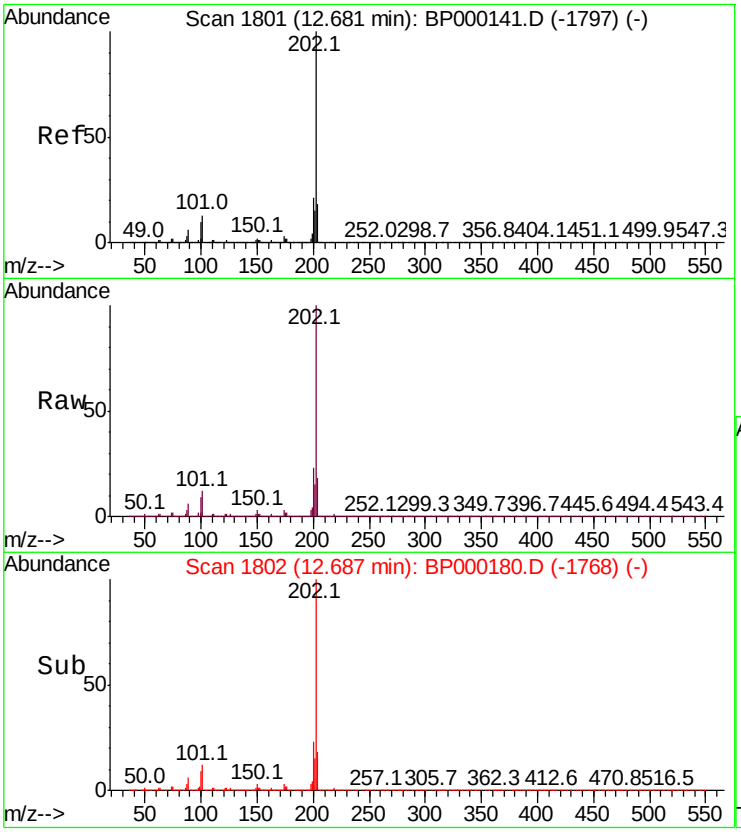


#75
Carbazole
Concen: 6.408 ng/ul
RT: 11.68 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Tgt Ion:167 Resp: 541339

Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.3	25.9
139	14.1	10.6	15.8



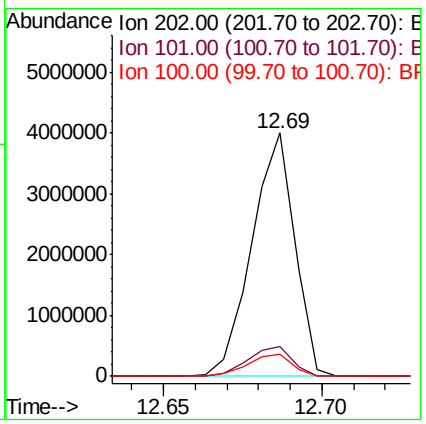


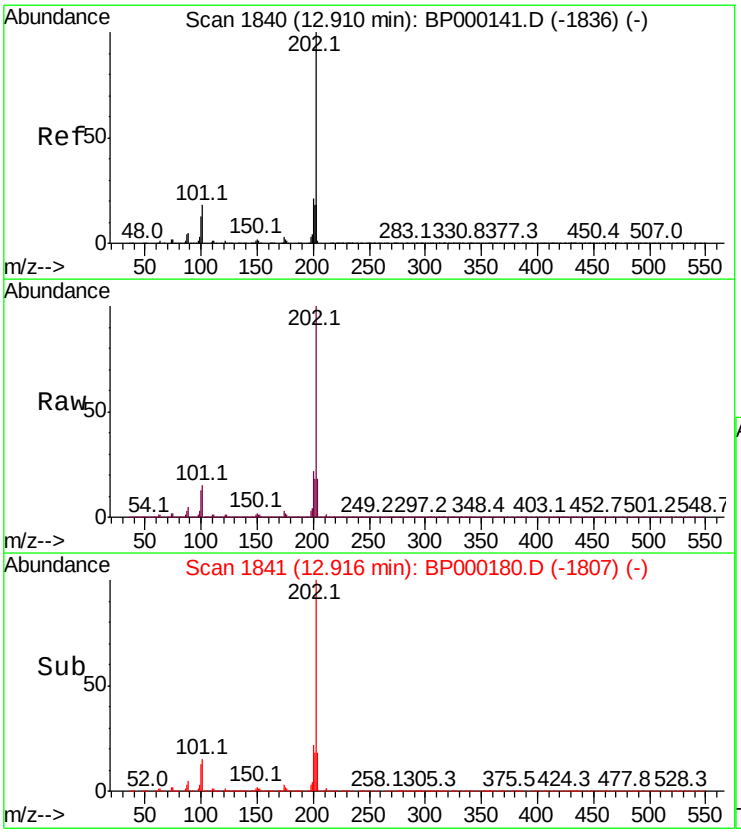
#77
Fluoranthene
Concen: 37.126 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 3760159

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.0	15.0
100	9.3	7.4	11.2

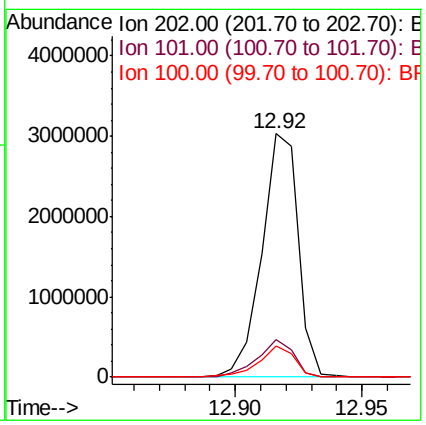


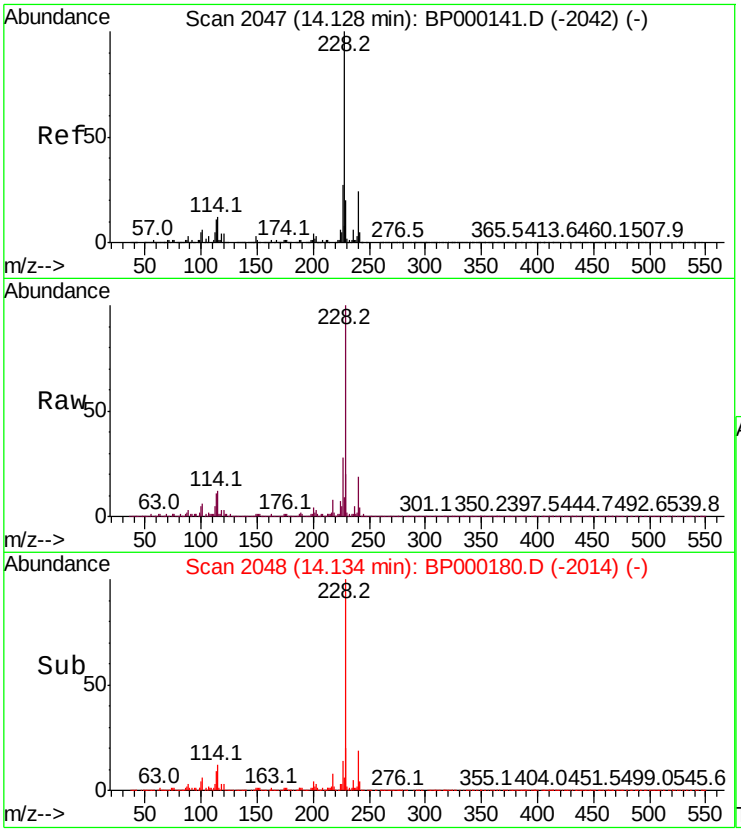


#80
Pyrene
Concen: 35.971 ng/ul
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Tgt Ion:202 Resp: 3046535

Ion	Ratio	Lower	Upper
202	100		
101	15.5	13.4	20.0
100	13.0	10.8	16.2



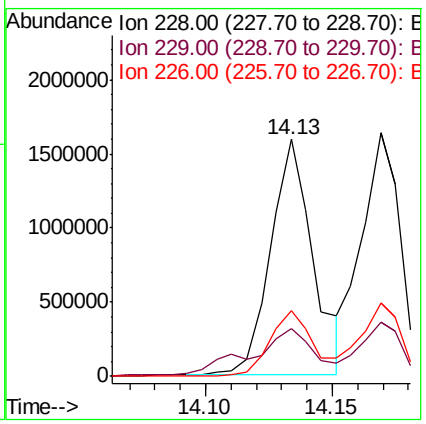


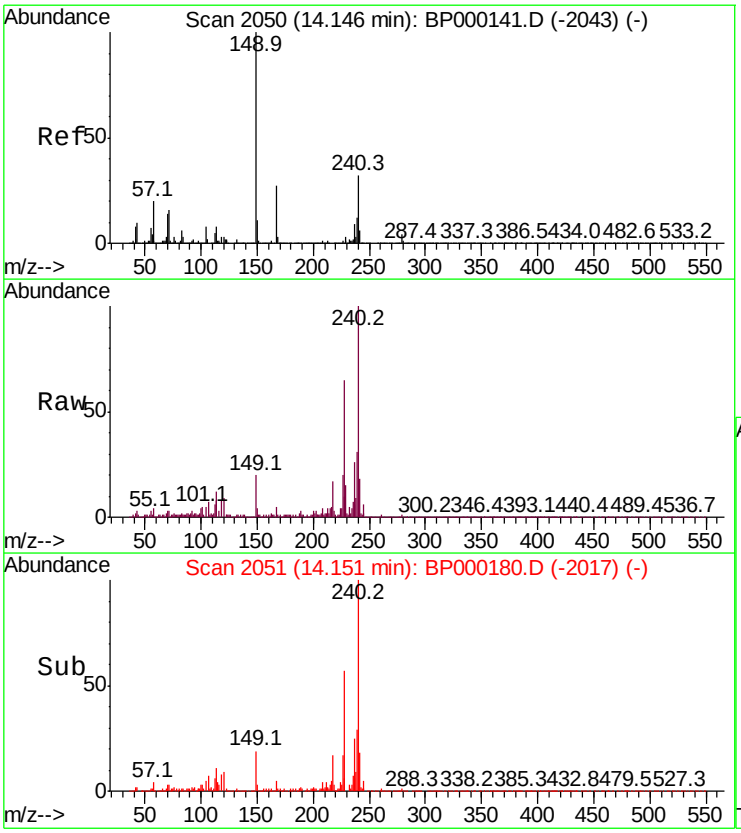
#83
Benzo(a)anthracene
Concen: 22.885 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1859628

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.0	22.1	33.1

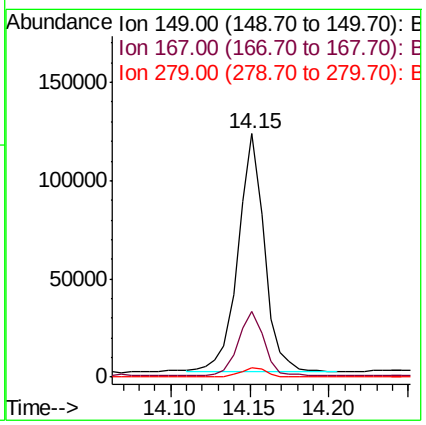


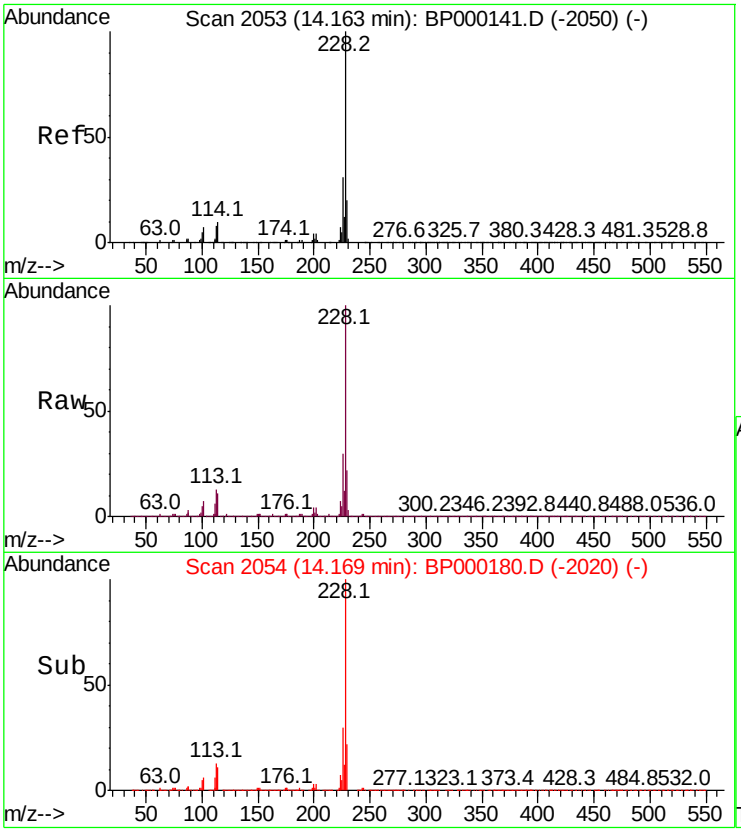


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.037 ng/ul
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Tgt Ion:149 Resp: 140157

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	4.0	3.0	4.4



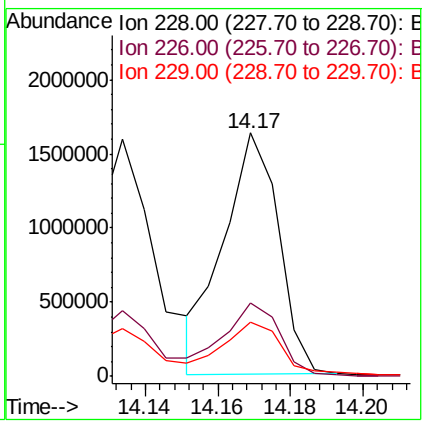


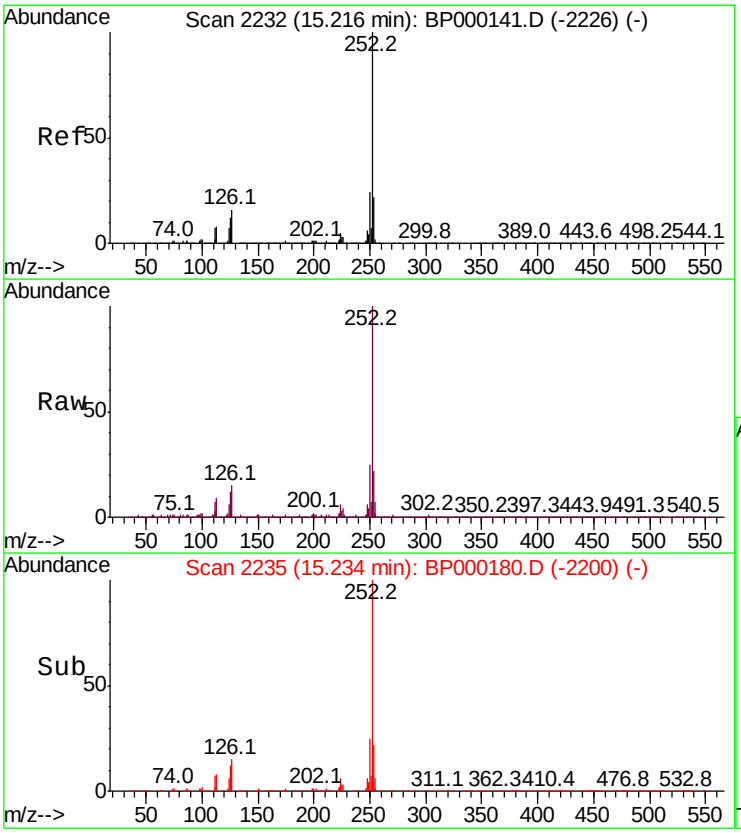
#85
Chrysene
Concen: 22.966 ng/ul
RT: 14.17 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 1712498

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	22.1	16.0	24.0

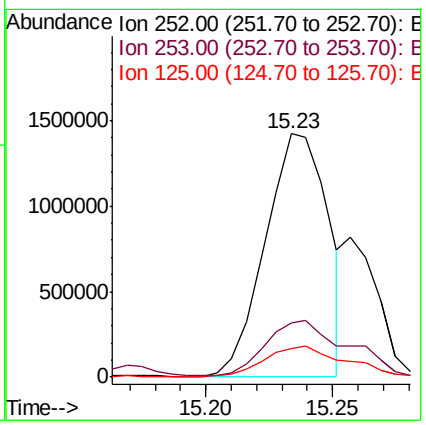


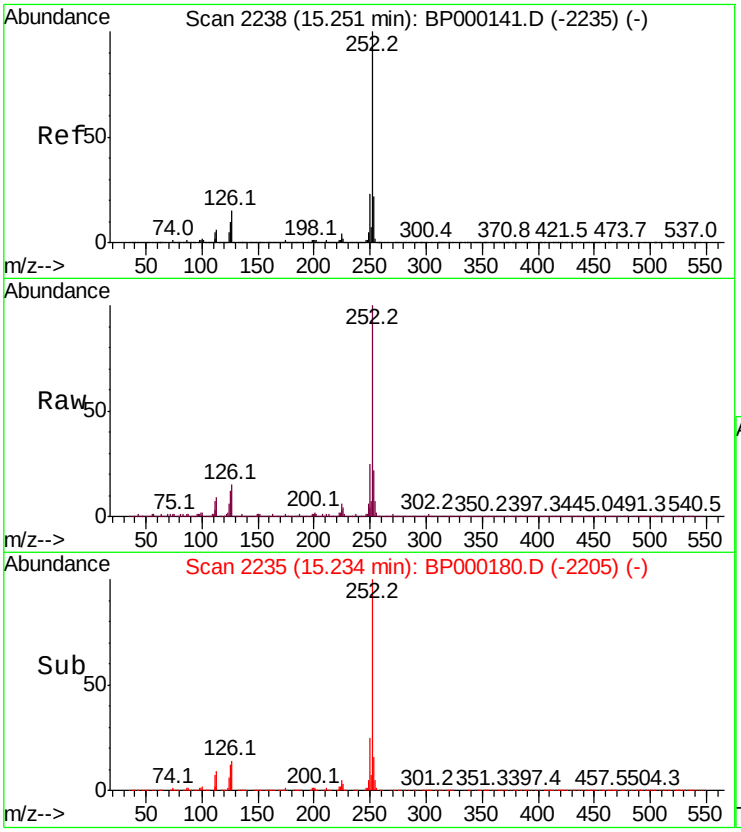


#88
Benzo(b)fluoranthene
Concen: 28.990 ng/ul
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Tgt Ion:252 Resp: 2437426

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.0	9.9	14.9



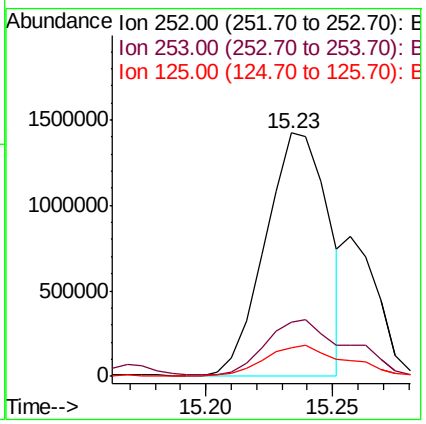


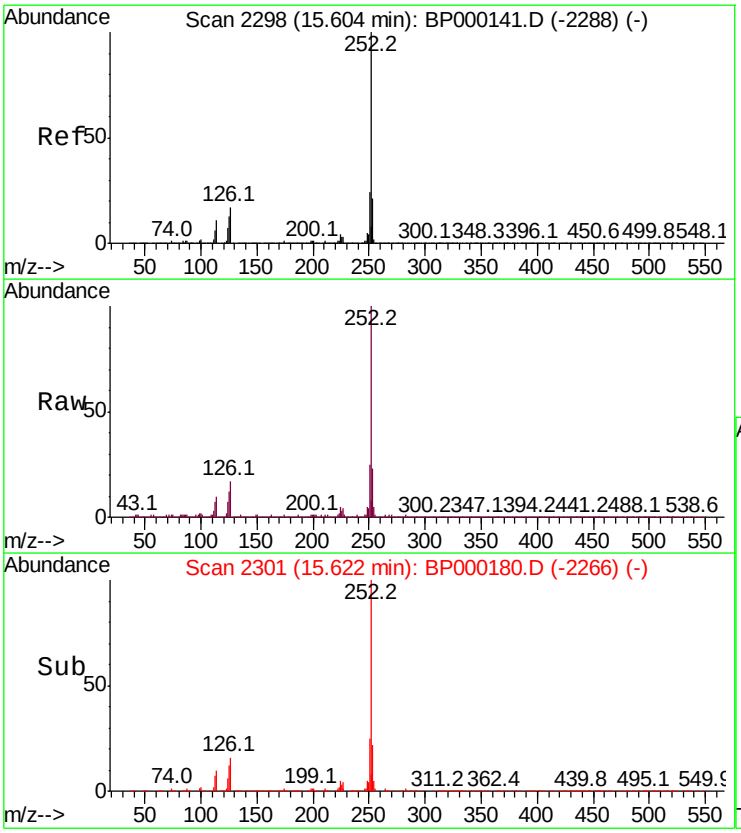
#89
Benzo(k)fluoranthene
Concen: 30.754 ng/ul
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 2437426

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	12.0	10.2	15.2

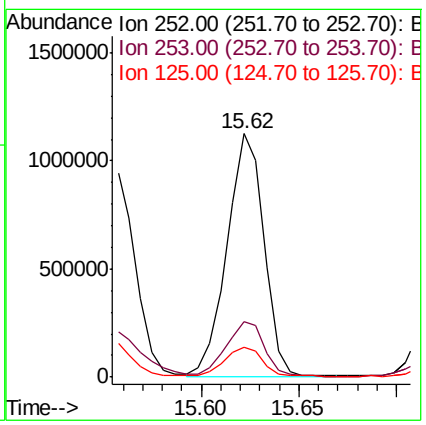


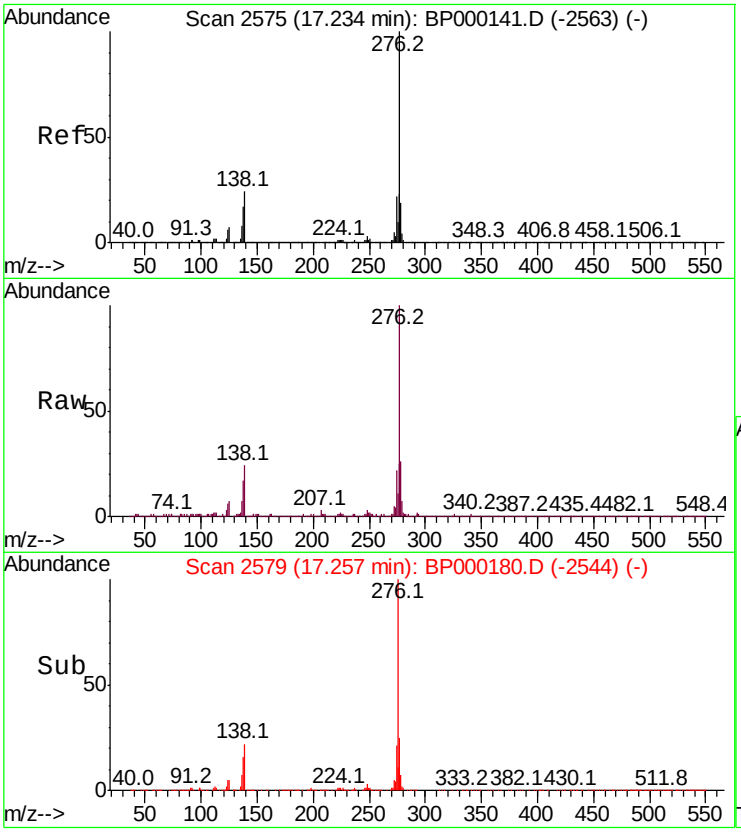


#91
Benzo(a)pyrene
Concen: 18.656 ng/ul
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Tgt Ion:252 Resp: 1471733

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.4	10.2	15.2



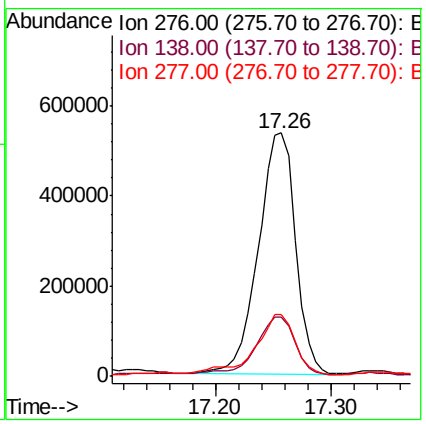


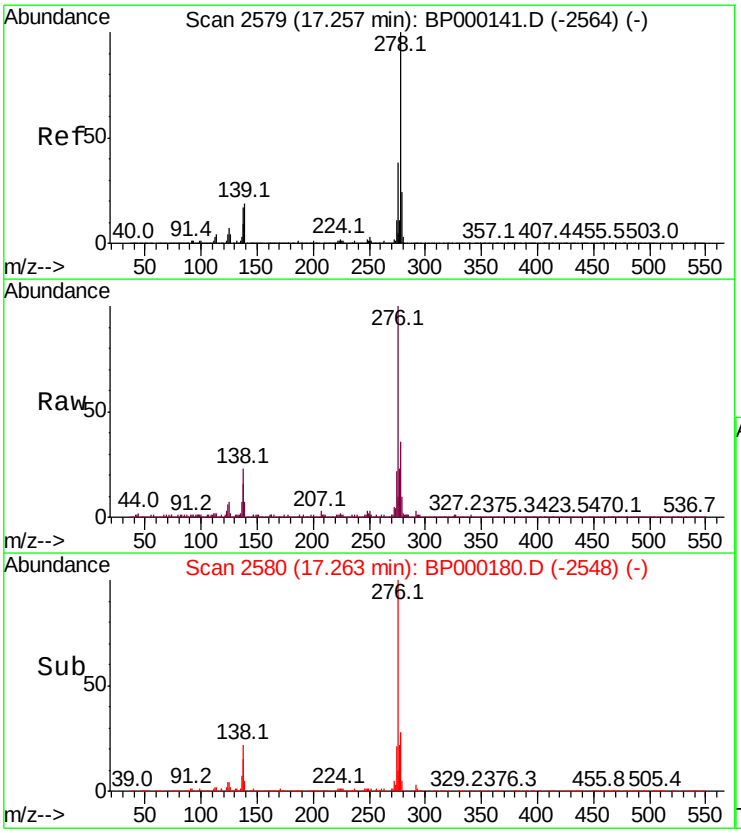
#92
Indeno(1,2,3-cd)pyrene
Concen: 13.231 ng/ul
RT: 17.26 min Scan# 2579
Delta R.T. 0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1200755

Ion	Ratio	Lower	Upper
276	100		
138	24.2	20.0	30.0
277	25.4	19.4	29.0

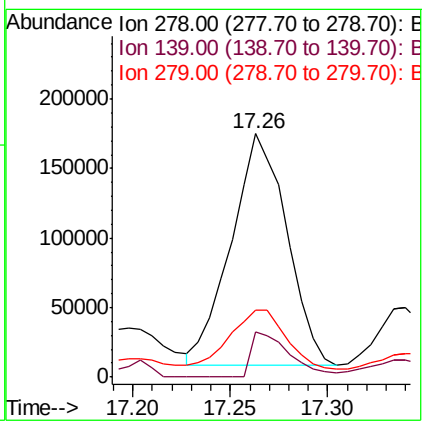


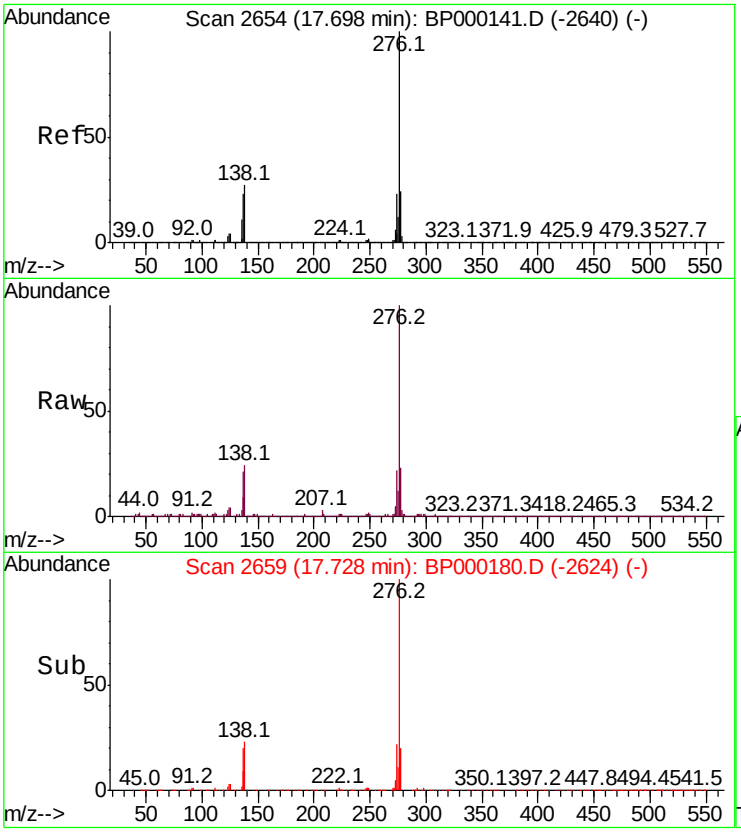


#93
Dibenzo(a,h)anthracene
Concen: 4.368 ng/ul
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Tgt Ion:278 Resp: 328341

Ion	Ratio	Lower	Upper
278	100		
139	18.6	15.1	22.7
279	27.3	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 15.697 ng/ul
RT: 17.73 min Scan# 2659
Delta R.T. 0.01 min
Lab File: BP000180.D
Acq: 10 Sep 2019 21:26

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1187724

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.0	30.0
277	22.9	19.1	28.7