Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000181.D
Acq On : 10 Sep 2019 21:51
Operator : HP/JU
Sample : K4634-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Sep 11 01:59:46 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	466879	20.00	ng/ul	0.00
18) Naphthalene-d8	8.17	136	1807218	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	930435	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1576406	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1002408	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1056535	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.61	96	36209	2.75	ng/uL	0.00
5) Phenol-d5	6.51	99	689294	17.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.57	67	361958	17.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	562731	17.50	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	530282	17.75	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	268112	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	7.77	143	296921	22.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	509726	17.98	ng/ul	0.00
29) 4-Chloroaniline-d4	8.25	131	370861	10.58	ng/ul	0.01
44) Dimethylphthalate-d6	9.63	166	1432681	20.85	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	1681329	19.80	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	176983	14.42	ng/ul	0.00
58) Fluorene-d10	10.47	176	1156262	19.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	105081	14.50	ng/ul	0.00
71) Anthracene-d10	11.50	188	1524286	19.97	ng/ul	0.00
79) Pyrene-d10	12.90	212	1413580	23.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1181698	21.58	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.52	94	143486	3.462	ng/ul	99
45) Dimethylphthalate	9.65	163	391094	5.641	ng/ul	100
50) Acenaphthene	9.97	153	146567	2.385	ng/ul	98
54) Dibenzofuran	10.15	168	101756	1.207	ng/ul	94
70) Phenanthrene	11.47	178	2516056	26.989	ng/ul	98
72) Anthracene	11.52	178	467034	5.091	ng/ul	98
75) Carbazole	11.67	167	449456	5.731	ng/ul	100
77) Fluoranthene	12.69	202	4031584	42.877	ng/ul	99
80) Pyrene	12.92	202	3228797	42.693	ng/ul#	92
83) Benzo(a)anthracene	14.13	228	1812175	24.974	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	14.16	149	369502	8.966	ng/ul	92
85) Chrysene	14.17	228	1850136	27.786	ng/ul	98
87) Di-n-octyl phthalate	14.80	149	183910	2.711	ng/ul	100
88) Benzo(b)fluoranthene	15.25	252	3524902	50.338	ng/ul	96
89) Benzo(k)fluoranthene	15.25	252	3527467	53.440	ng/ul	98
91) Benzo(a)pyrene	15.63	252	1512783	23.026	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	17.27	276	1382648	18.293	ng/ul	98
93) Dibenzo(a,h)anthracene	17.28	278	378370	6.044	ng/ul	98
94) Benzo(g,h,i)perylene	17.74	276	1365190	21.663	ng/ul	99

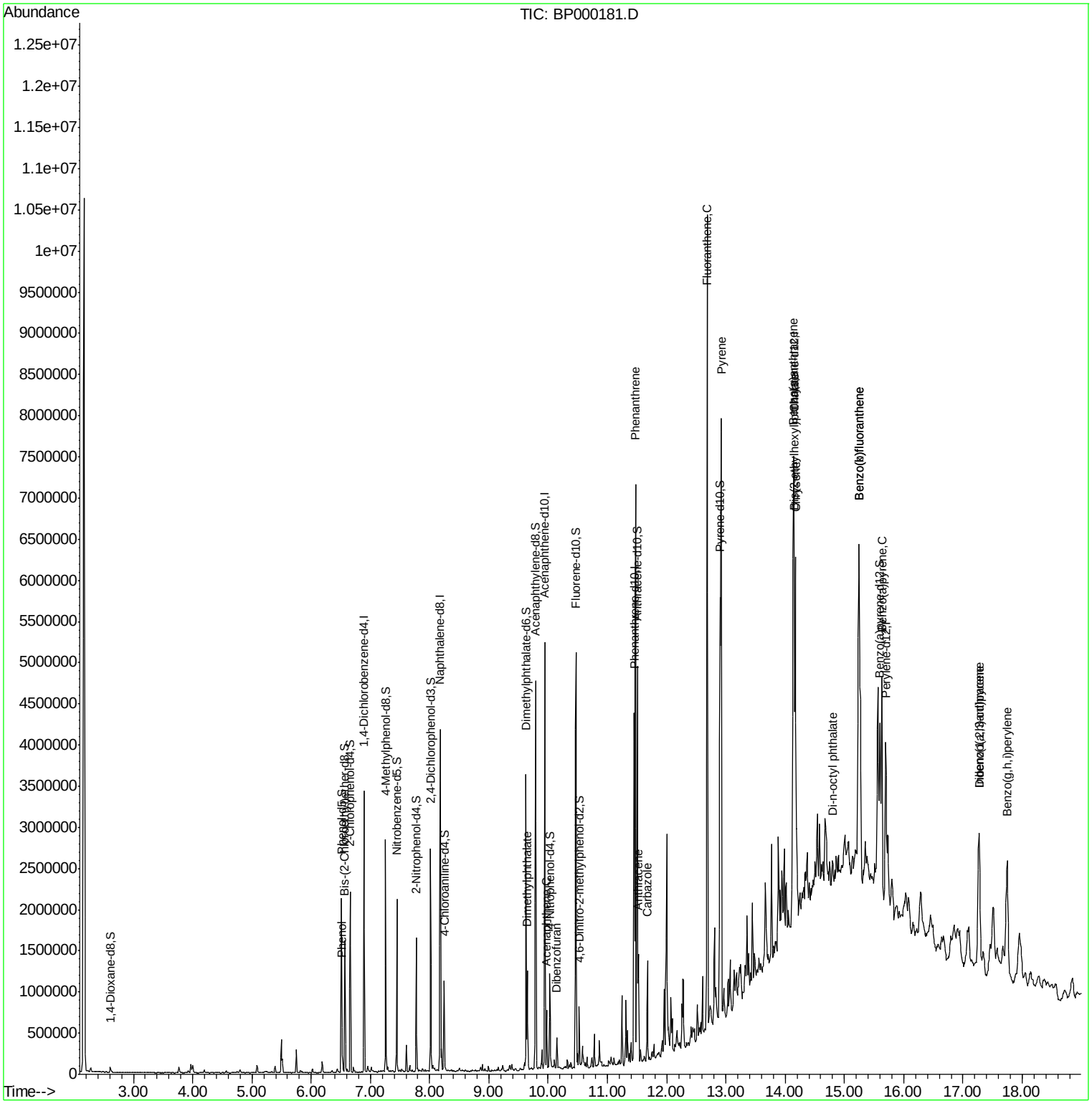
(#) = qualifier out of range (m) = manual integration (+) = signals summed

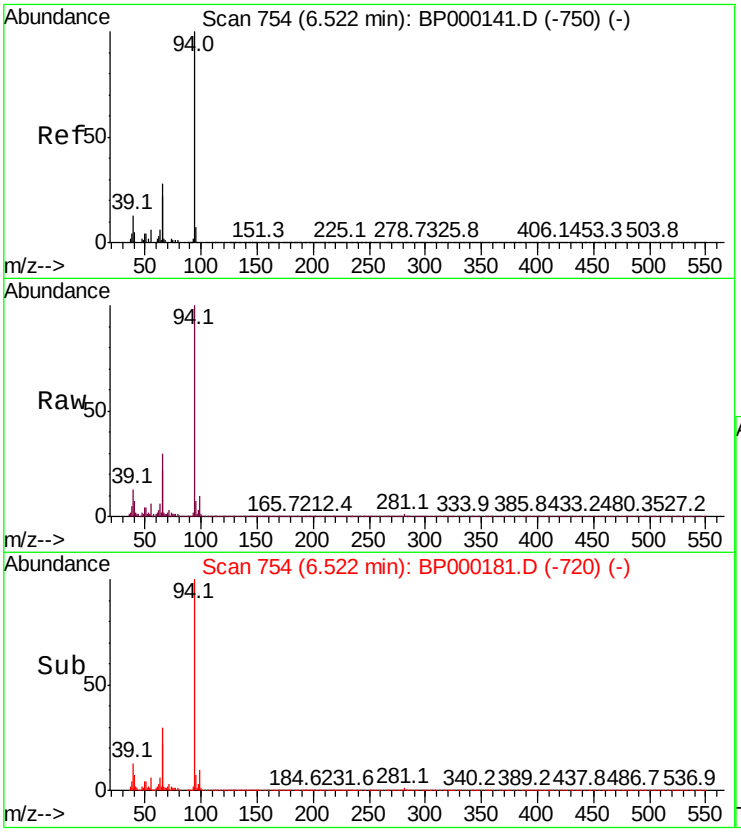
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000181.D
Acq On : 10 Sep 2019 21:51
Operator : HP/JU
Sample : K4634-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Sep 11 01:59:46 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



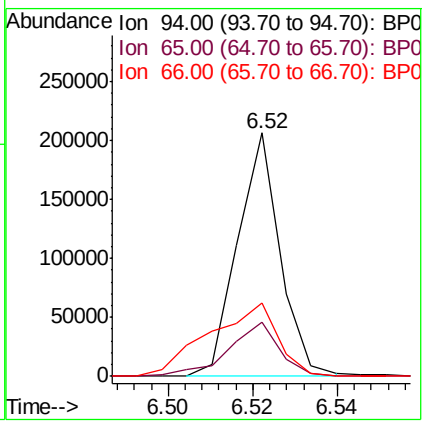


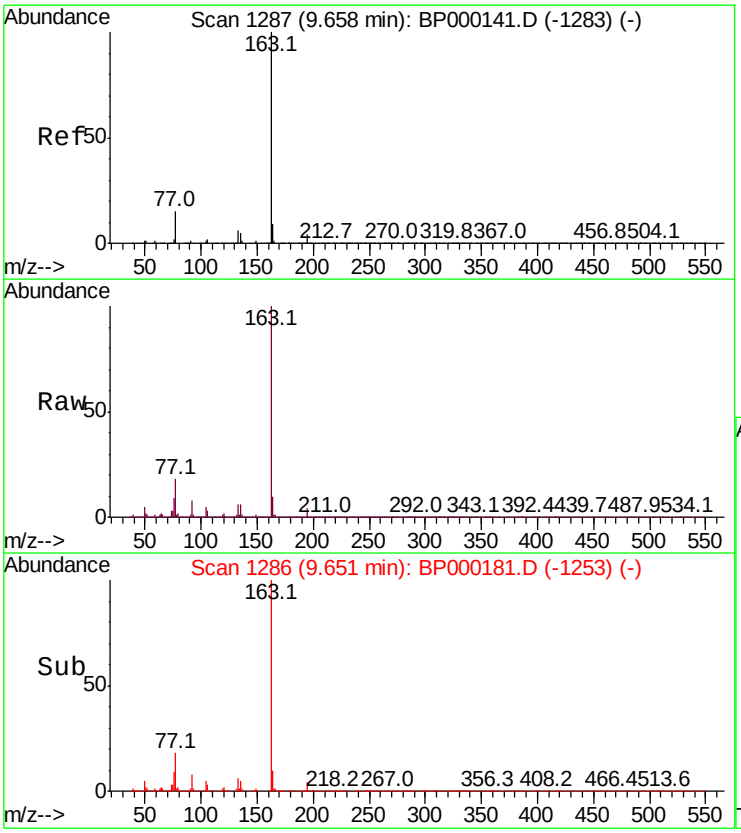
#6
Phenol
Concen: 3.462 ng/ul
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 143486

Ion	Ratio	Lower	Upper
94	100		
65	22.4	18.8	28.2
66	30.2	24.2	36.2

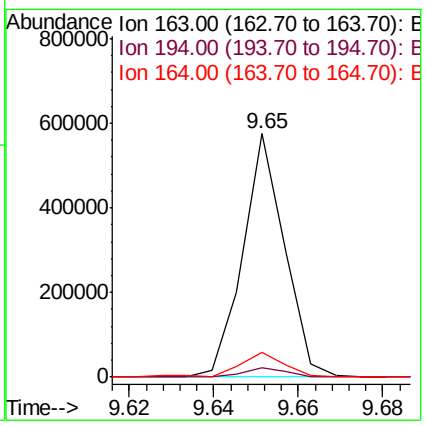


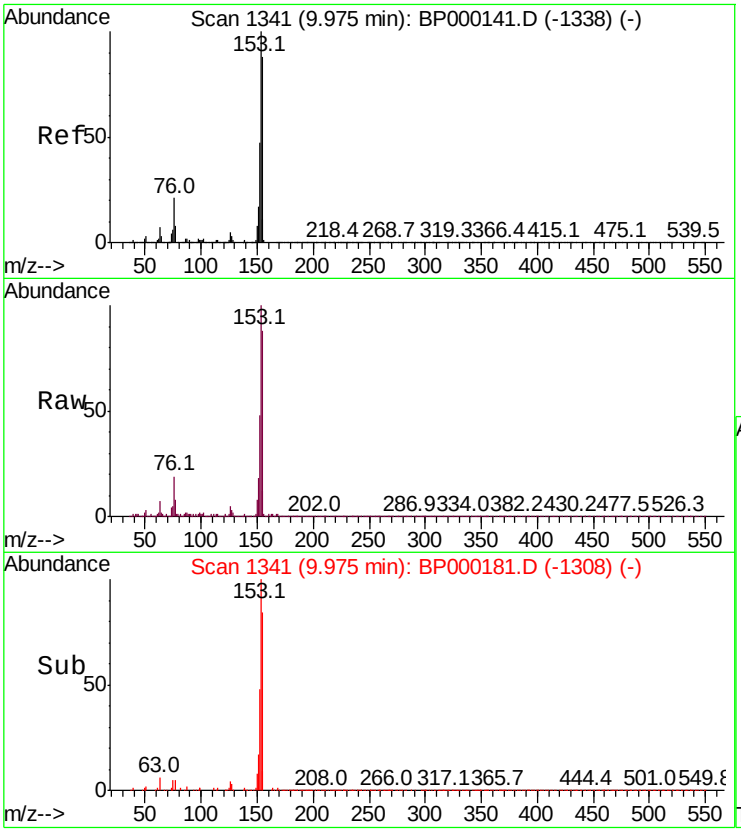


#45
Dimethylphthalate
Concen: 5.641 ng/ul
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion:163 Resp: 391094

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.4	12.6



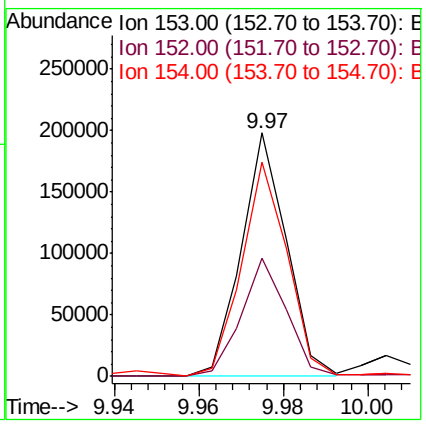


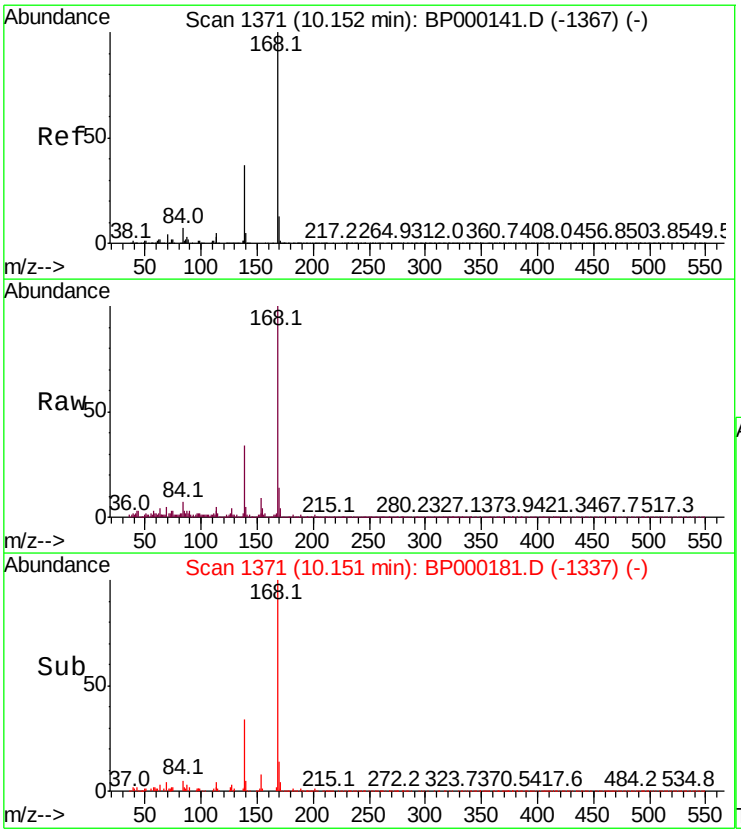
#50
Acenaphthene
Concen: 2.385 ng/ul
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:153 Resp: 146567

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.0	57.0
154	87.8	72.6	108.8

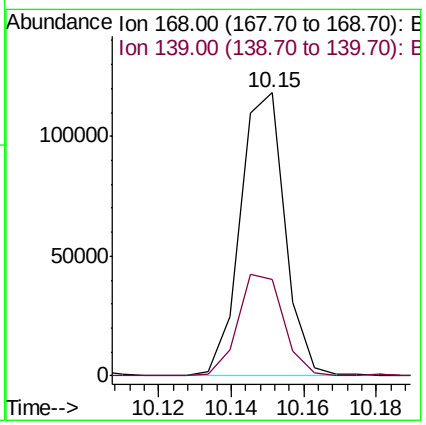


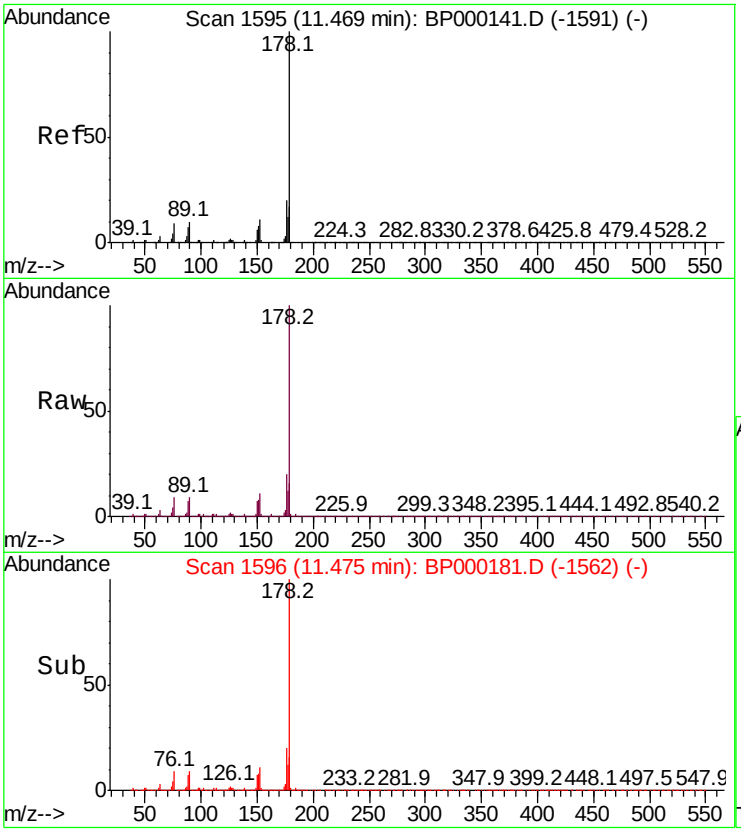


#54
Dibenzofuran
Concen: 1.207 ng/ul
RT: 10.15 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion:168 Resp: 101756

Ion	Ratio	Lower	Upper
168	100		
139	34.1	30.0	45.0



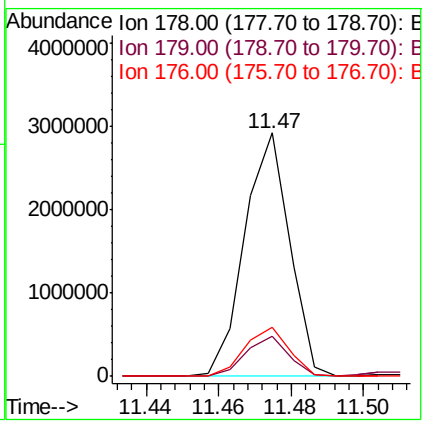


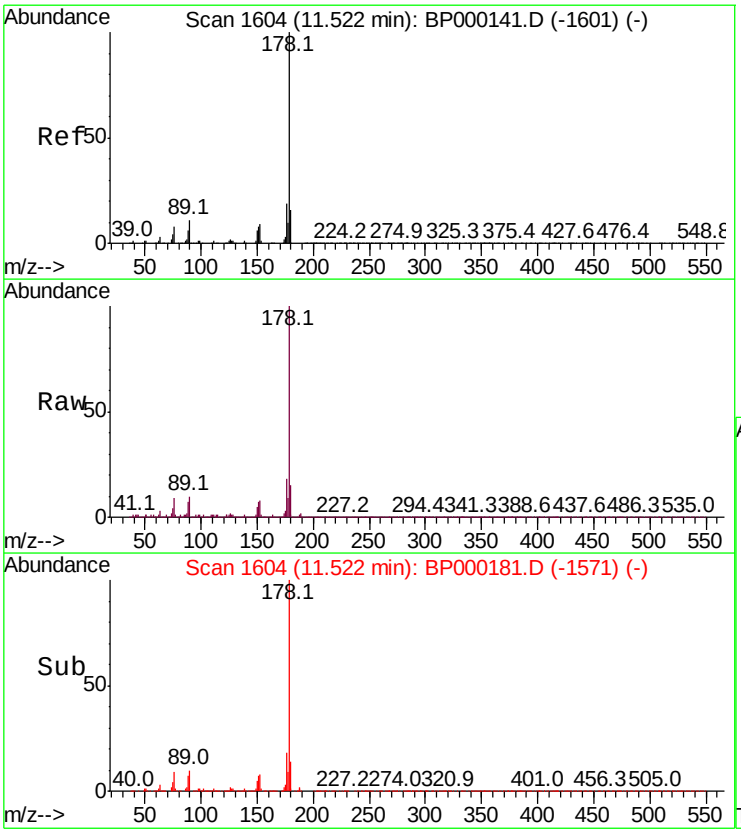
#70
Phenanthrene
Concen: 26.989 ng/ul
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 2516056

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	20.4	15.7	23.5

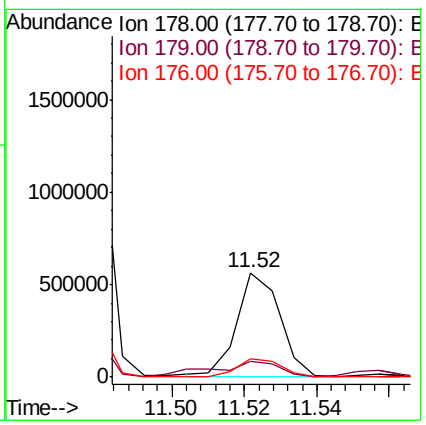


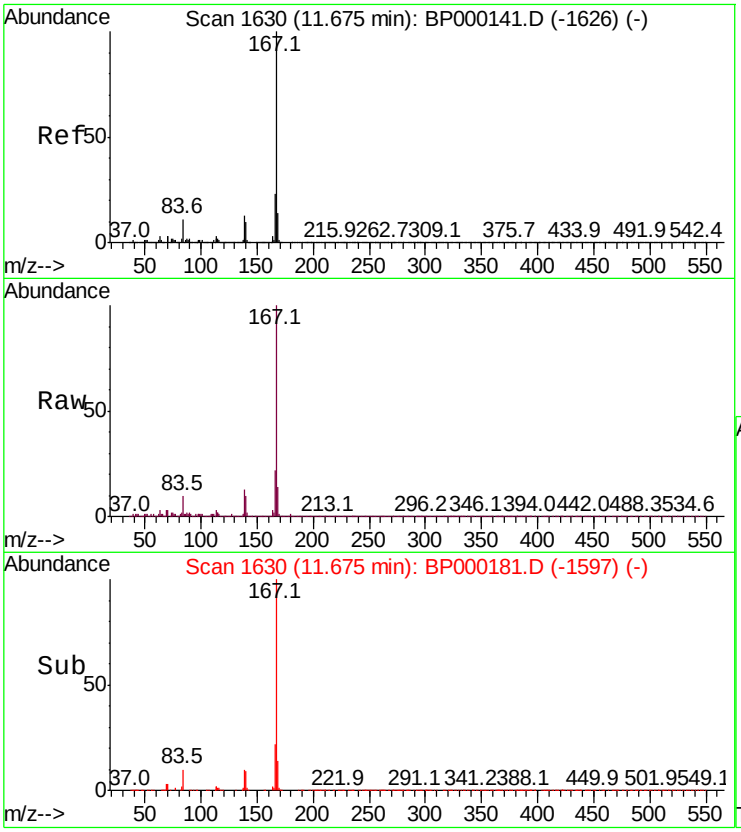


#72
Anthracene
Concen: 5.091 ng/ul
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion:178 Resp: 467034

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.0	15.1	22.7



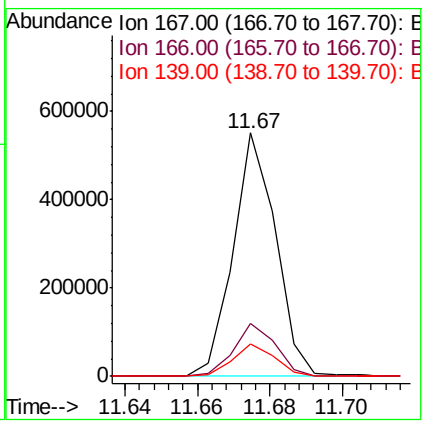


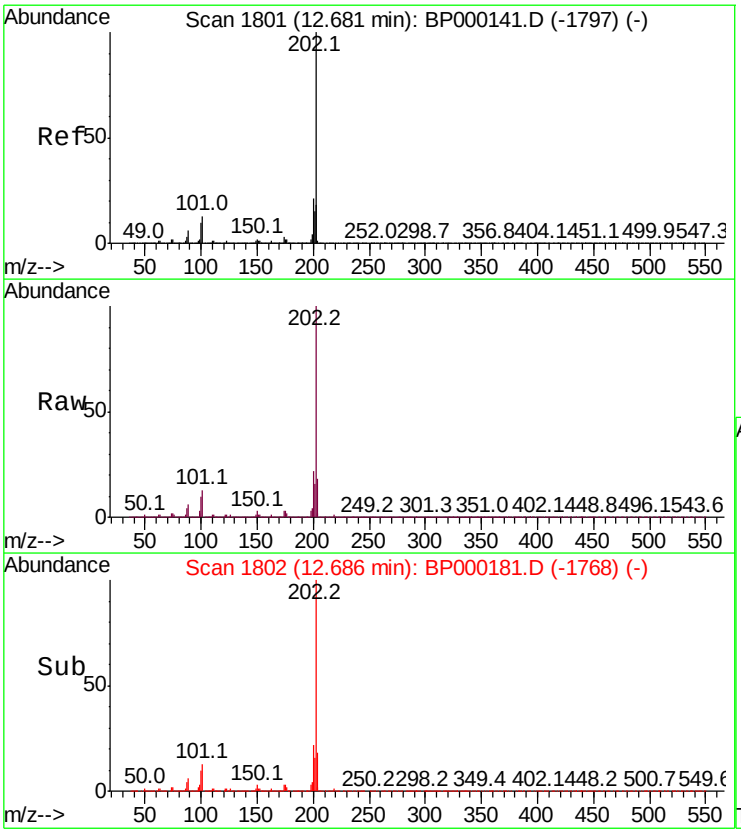
#75
Carbazole
Concen: 5.731 ng/ul
RT: 11.67 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:167 Resp: 449456

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	13.1	10.6	15.8

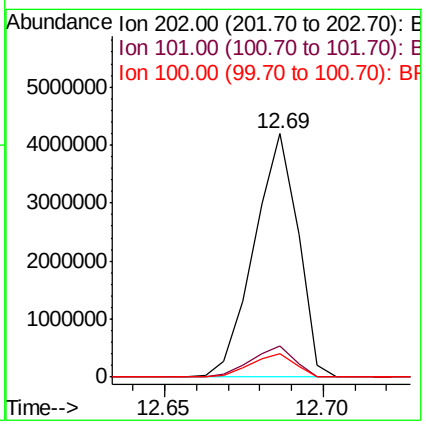


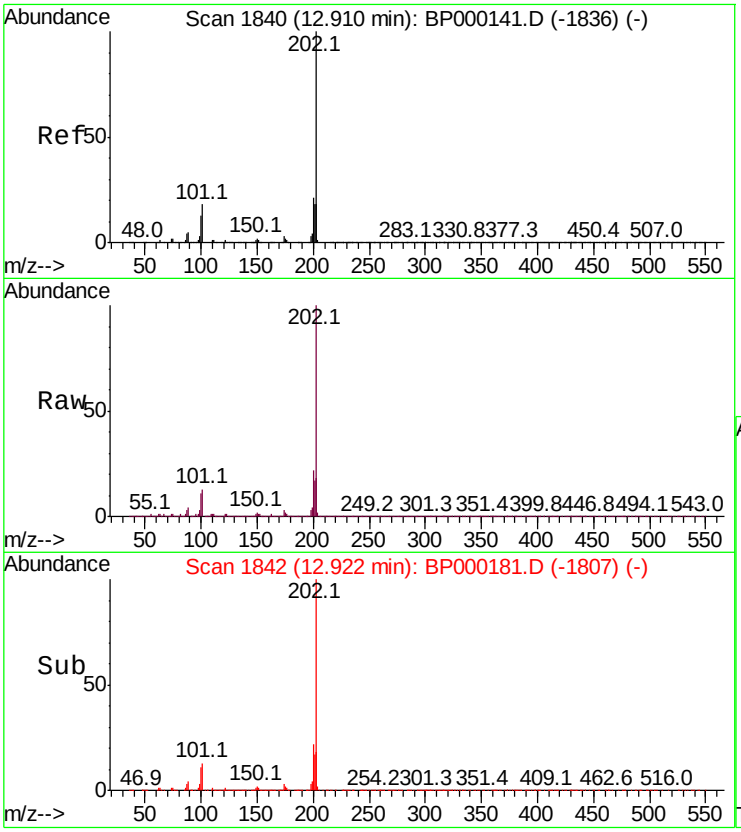


#77
Fluoranthene
Concen: 42.877 ng/ul
RT: 12.69 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion:202 Resp: 4031584

Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.0	15.0
100	9.8	7.4	11.2



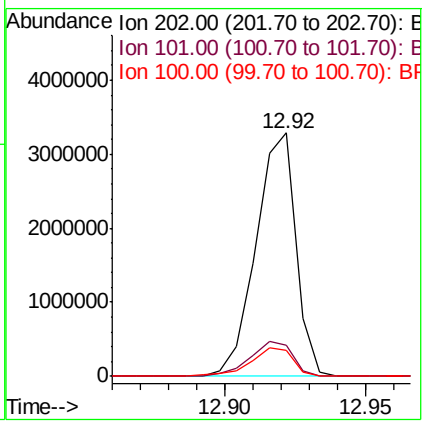


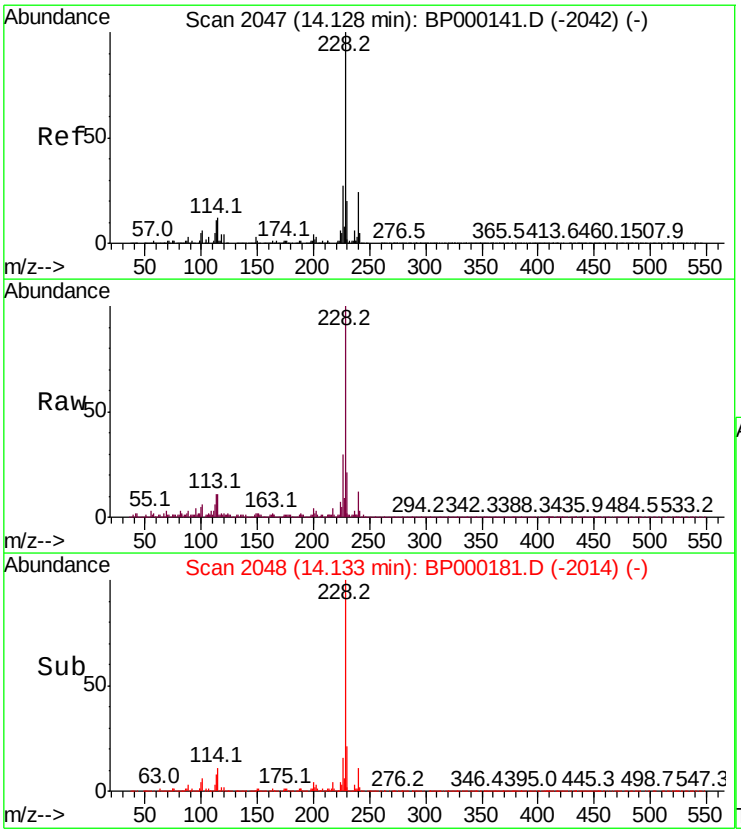
#80
Pyrene
Concen: 42.693 ng/ul
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 3228797

Ion	Ratio	Lower	Upper
202	100		
101	13.0	13.4	20.0#
100	10.5	10.8	16.2#

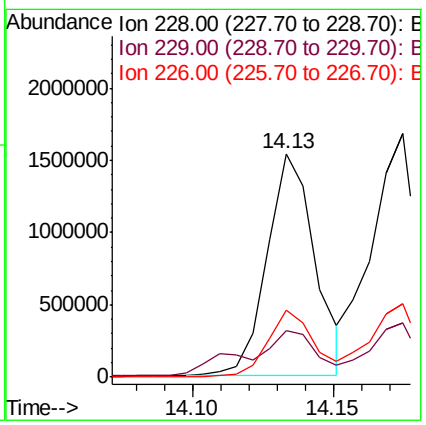


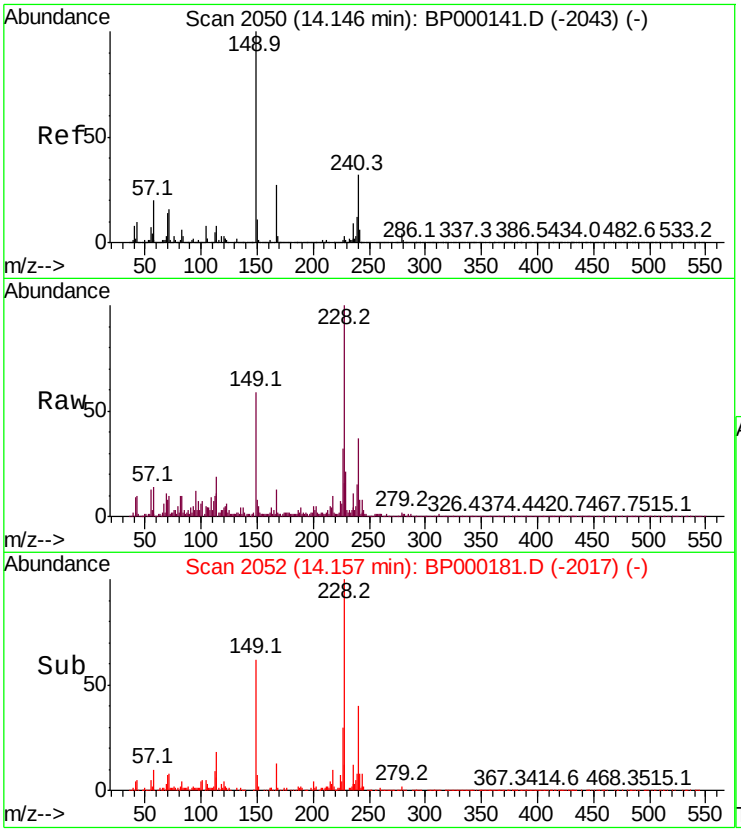


#83
Benzo(a)anthracene
Concen: 24.974 ng/ul
RT: 14.13 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion:228 Resp: 1812175

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.9	23.9
226	30.2	22.1	33.1



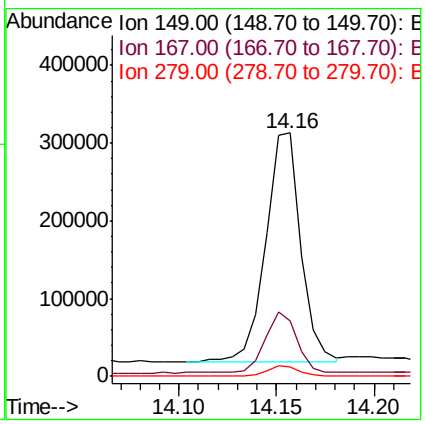


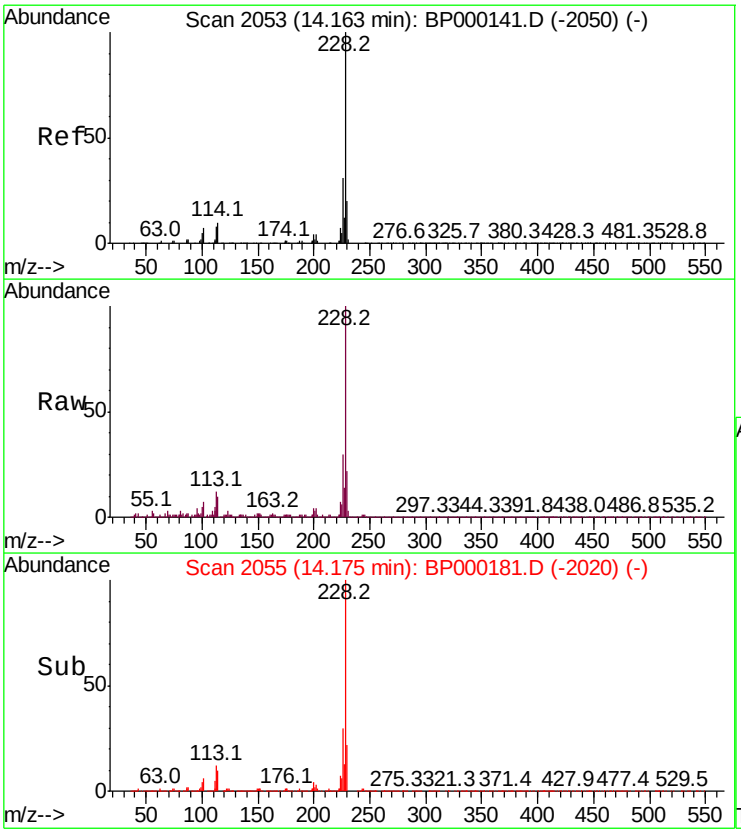
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.966 ng/ul
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 369502

Ion	Ratio	Lower	Upper
149	100		
167	22.7	21.8	32.8
279	4.0	3.0	4.4

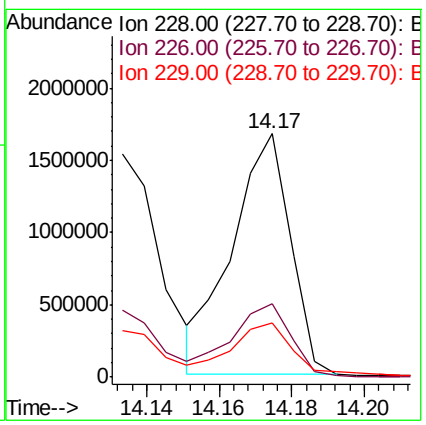


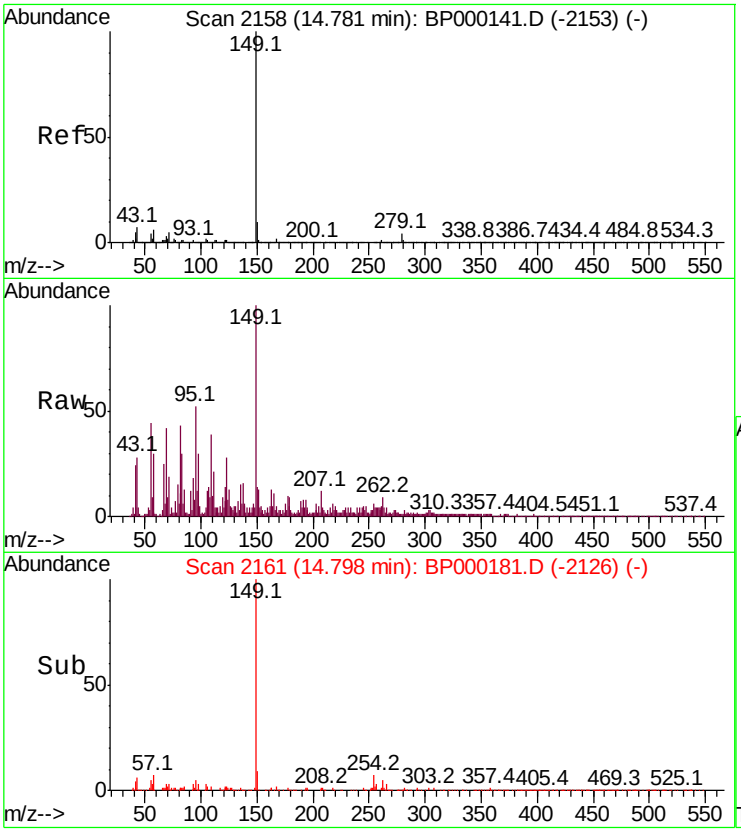


#85
Chrysene
Concen: 27.786 ng/ul
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion:228 Resp: 1850136

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	22.2	16.0	24.0

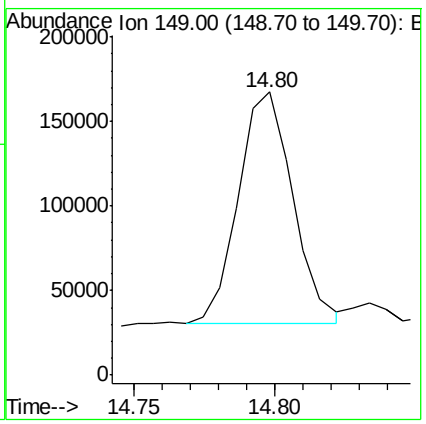


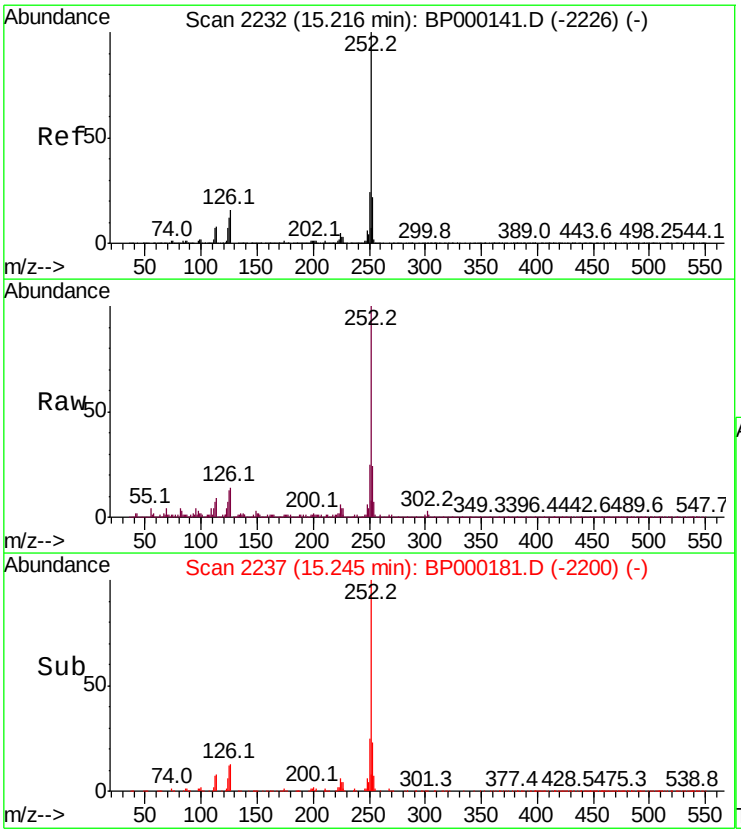


#87
Di-n-octyl phthalate
Concen: 2.711 ng/ul
RT: 14.80 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 183910

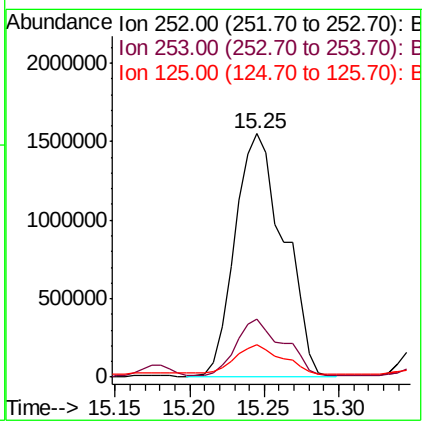


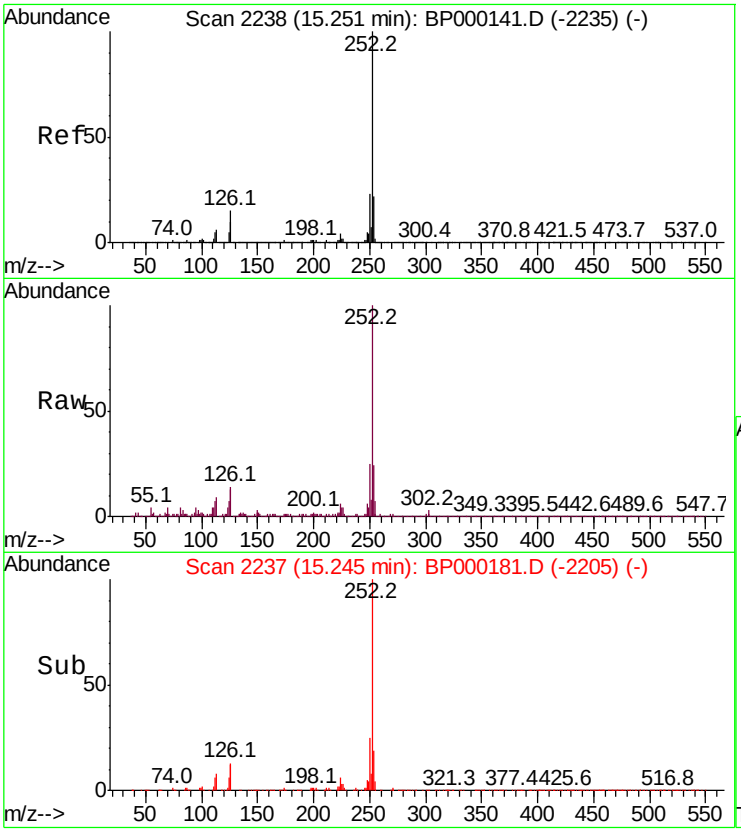


#88
Benzo(b)fluoranthene
Concen: 50.338 ng/ul
RT: 15.25 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion:252 Resp: 3524902

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	13.3	9.9	14.9



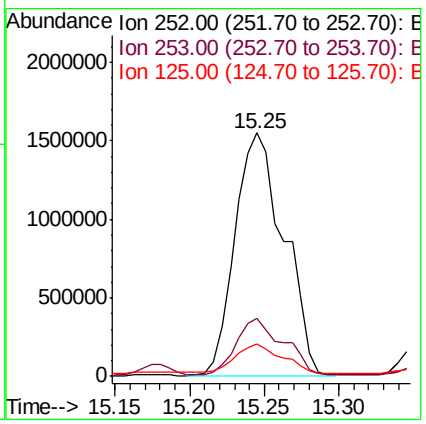


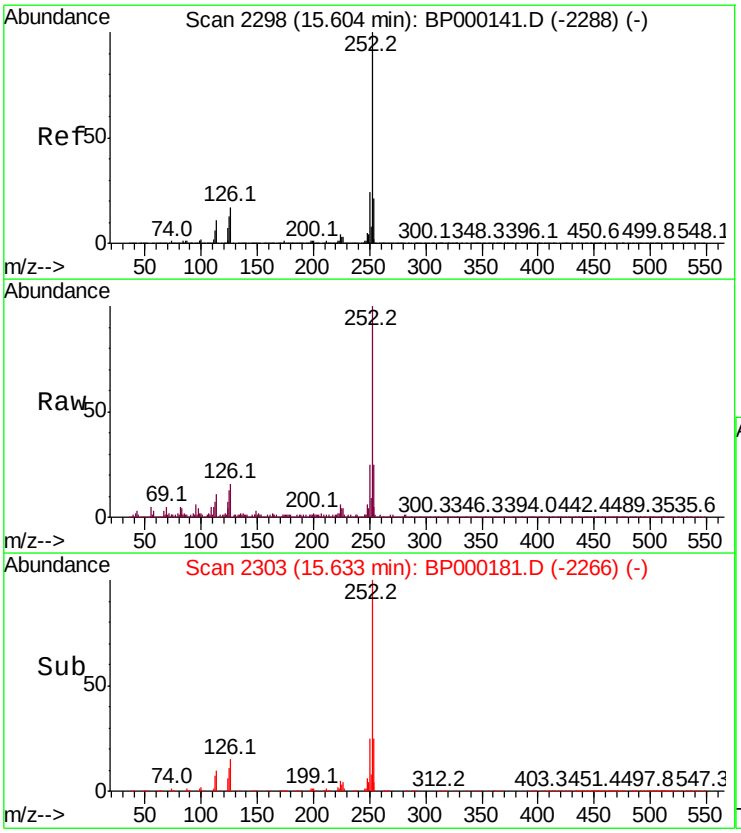
#89
Benzo(k)fluoranthene
Concen: 53.440 ng/ul
RT: 15.25 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 3527467

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.0	27.0
125	13.3	10.2	15.2

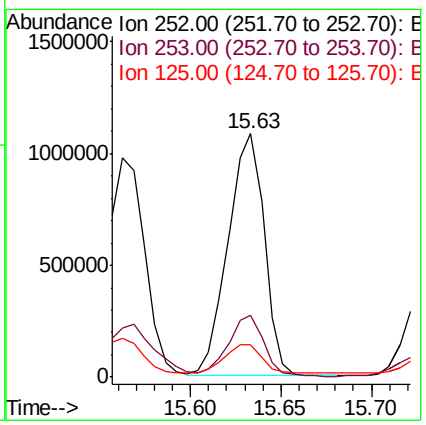


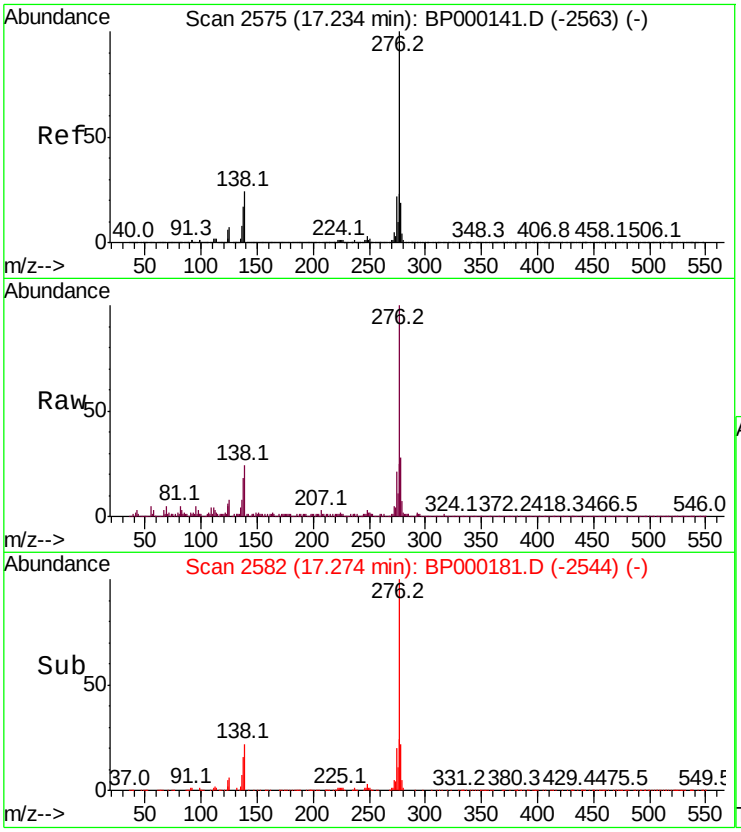


#91
Benzo(a)pyrene
Concen: 23.026 ng/ul
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion:252 Resp: 1512783

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	13.5	10.2	15.2



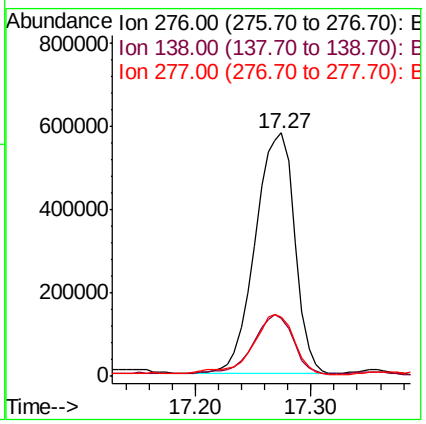


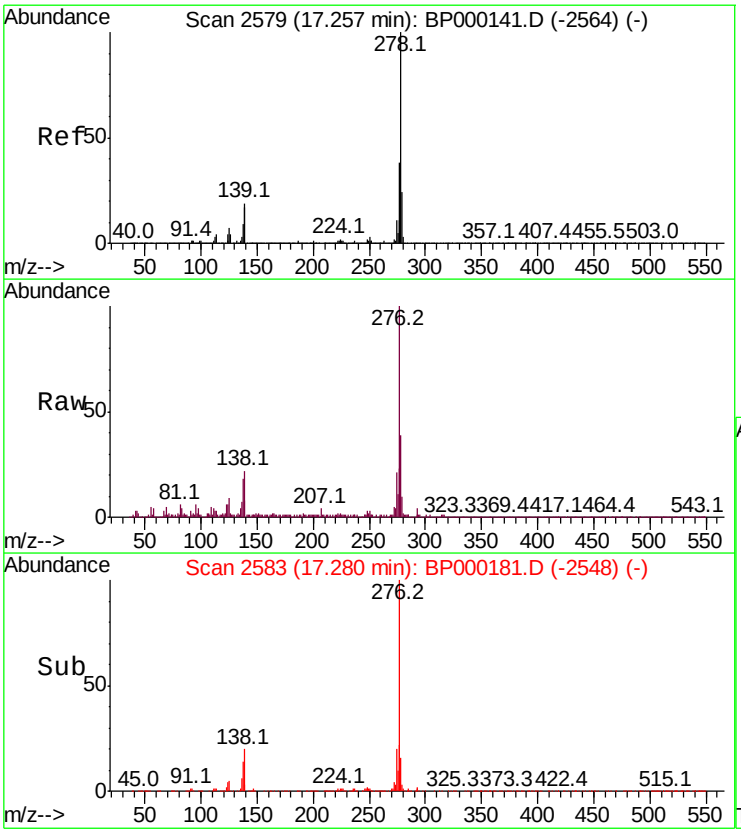
#92
Indeno(1,2,3-cd)pyrene
Concen: 18.293 ng/ul
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1382648

Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.0	30.0
277	24.5	19.4	29.0

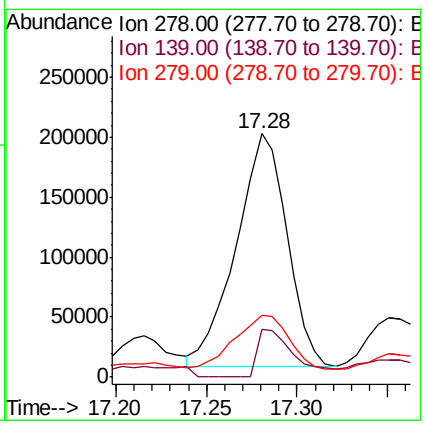


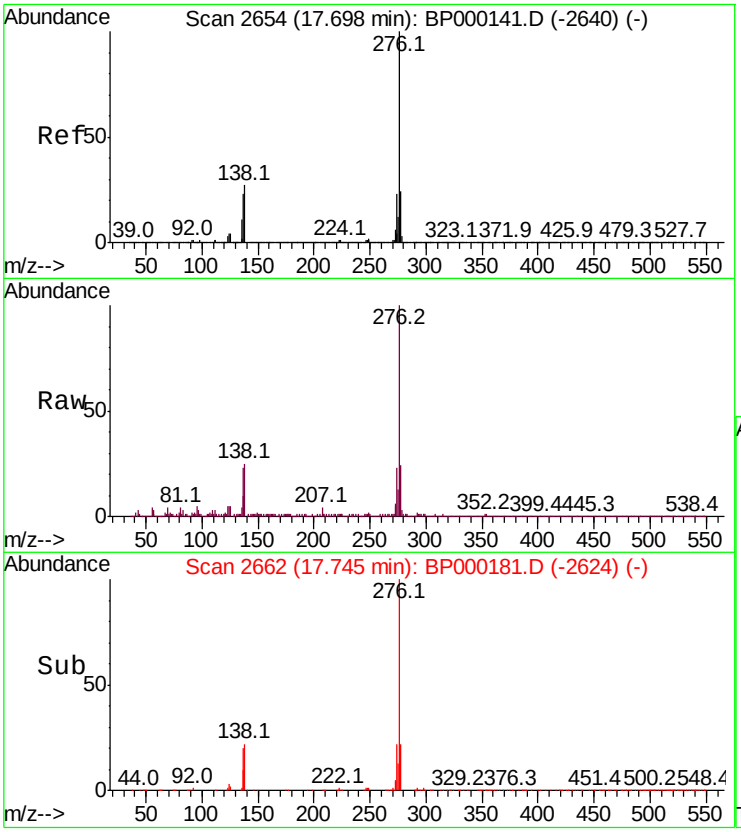


#93
Dibenzo(a,h)anthracene
Concen: 6.044 ng/ul
RT: 17.28 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Tgt Ion:278 Resp: 378370

Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.1	22.7
279	25.2	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 21.663 ng/ul
RT: 17.74 min Scan# 2662
Delta R.T. 0.02 min
Lab File: BP000181.D
Acq: 10 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 1365190

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.0	30.0
277	24.4	19.1	28.7