Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\

Quantitation Report (Not Reviewed)

Data File : BP000786.D
Acq On : 15 Oct 2019 23:24
Operator : JU
Sample : K5178-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF4

Quant Time: Oct 16 05:17:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	181856	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	683699	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	377809	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	685190	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	517672	20.00	ng/ul	0.00
86) Perylene-d12	15.46	264	629529	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.36	96	14320	3.27	ng/uL	0.00
5) Phenol-d5	6.39	99	260319	18.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	135167	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	226527	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	209425	19.54	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	109456	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	120397	21.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	222815	21.04	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	172196	14.62	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	642747	24.30	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	755586	23.22	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	66254	16.26	ng/ul	0.00
58) Fluorene-d10	10.32	176	541359	23.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	45610	13.98	ng/ul	0.00
71) Anthracene-d10	11.35	188	783028	24.67	ng/ul	0.00
79) Pyrene-d10	12.74	212	798074	27.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	781506	25.15	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.40	94	35997	2.545	ng/ul	93
35) 1-Methylnaphthalene	8.85	142	26125	1.137	ng/ul	93
45) Dimethylphthalate	9.51	163	334619	12.698	ng/ul	99
48) Acenaphthylene	9.66	152	52003	1.549	ng/ul	98
50) Acenaphthene	9.83	153	57018	2.454	ng/ul	98
59) Fluorene	10.35	166	55074	2.191	ng/ul	99
70) Phenanthrene	11.32	178	1113609	29.821	ng/ul	100
72) Anthracene	11.37	178	245775	6.485	ng/ul	99
75) Carbazole	11.53	167	61861	1.913	ng/ul	97
76) Di-n-butylphthalate	11.87	149	50230	1.295	ng/ul	99
77) Fluoranthene	12.53	202	1576830	41.211	ng/ul	96
80) Pyrene	12.76	202	1891639	51.503	ng/ul	97
83) Benzo(a)anthracene	13.96	228	1018324	29.309	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	13.96	149	585631	29.353	ng/ul	99
85) Chrysene	14.00	228	1077034	33.351	ng/ul	97
87) Di-n-octyl phthalate	14.57	149	64781	1.795	ng/ul	100
88) Benzo(b)fluoranthene	15.03	252	1187812	31.624	ng/ul	98
89) Benzo(k)fluoranthene	15.03	252	1187812	33.208	ng/ul	98
91) Benzo(a)pyrene	15.39	252	934503	26.278	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	16.93	276	558727	13.706	ng/ul	97
93) Dibenzo(a,h)anthracene	16.93	278	175383	5.249	ng/ul	94
94) Benzo(g,h,i)perylene	17.37	276	584831	17.231	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\

Quantitation Report (Not Reviewed)

Data File : BP000786.D
Acq On : 15 Oct 2019 23:24
Operator : JU
Sample : K5178-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF4

Quant Time: Oct 16 05:17:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration

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

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

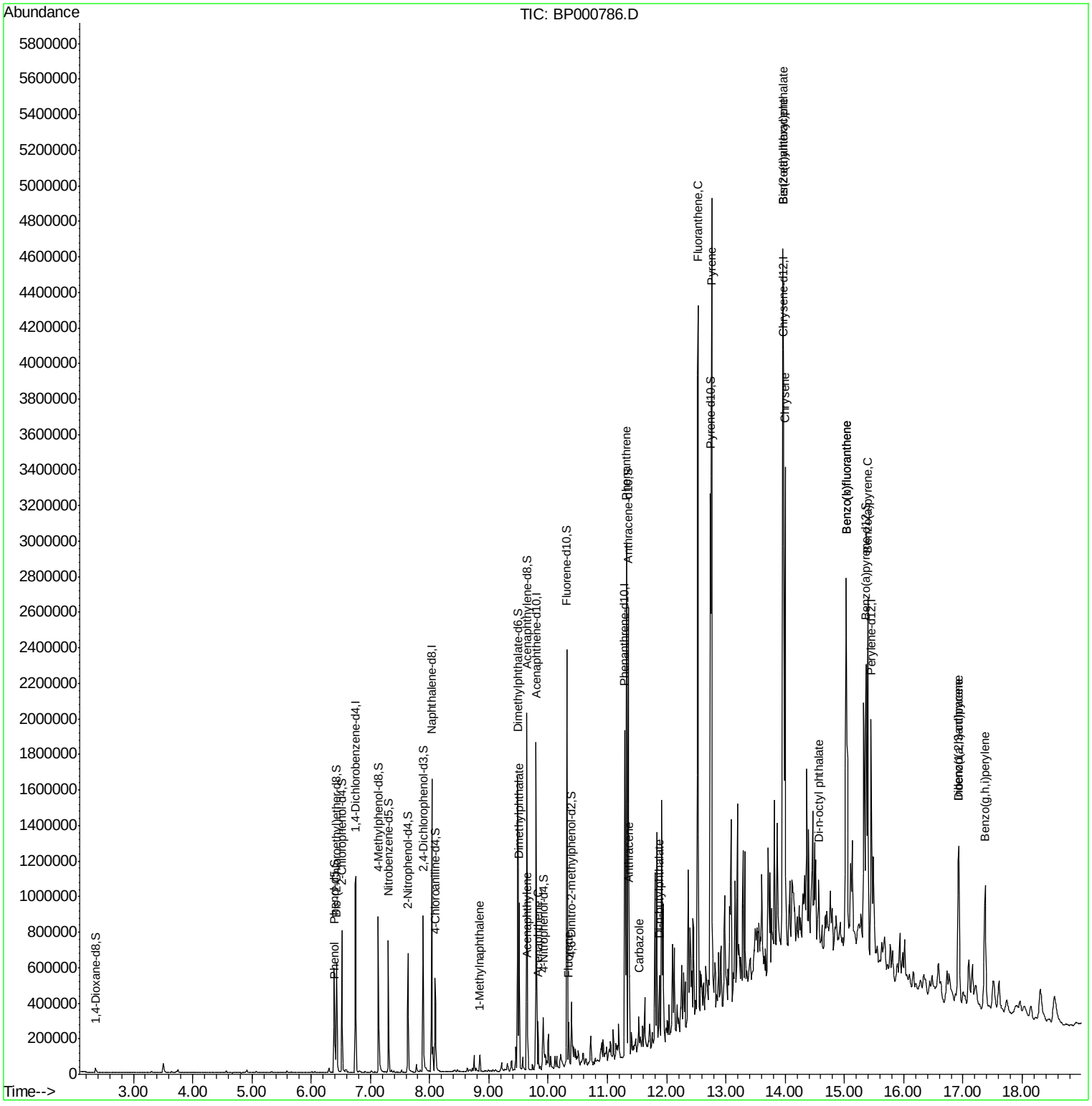
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\

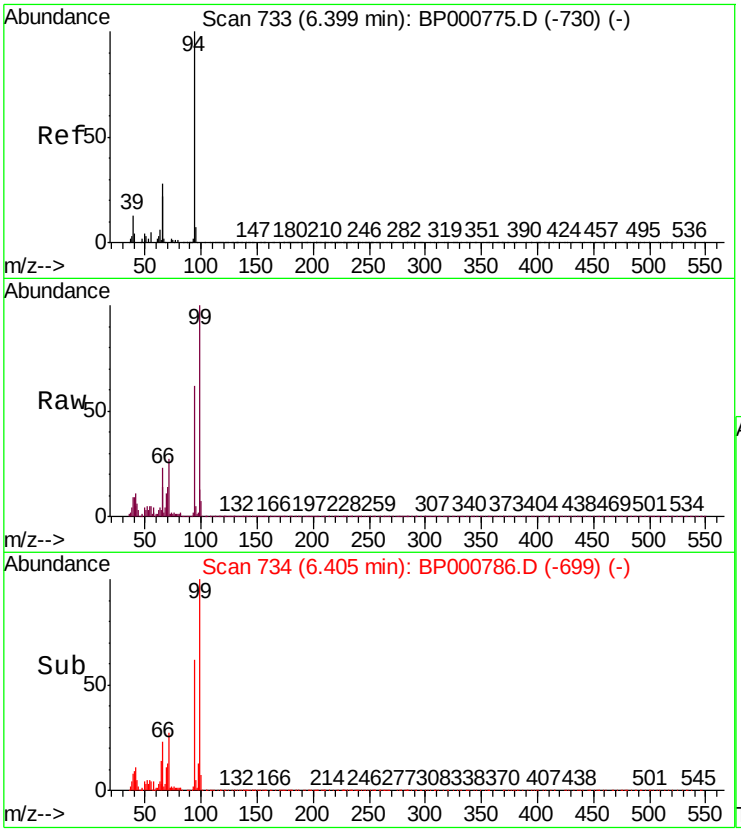
Quantitation Report (Not Reviewed)

Data File : BP000786.D
Acq On : 15 Oct 2019 23:24
Operator : JU
Sample : K5178-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPF4

Quant Time: Oct 16 05:17:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 05:11:27 2019
Response via : Initial Calibration



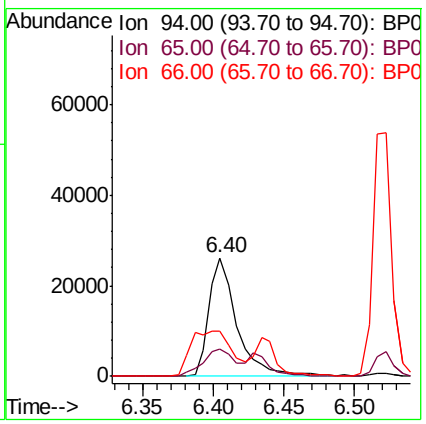


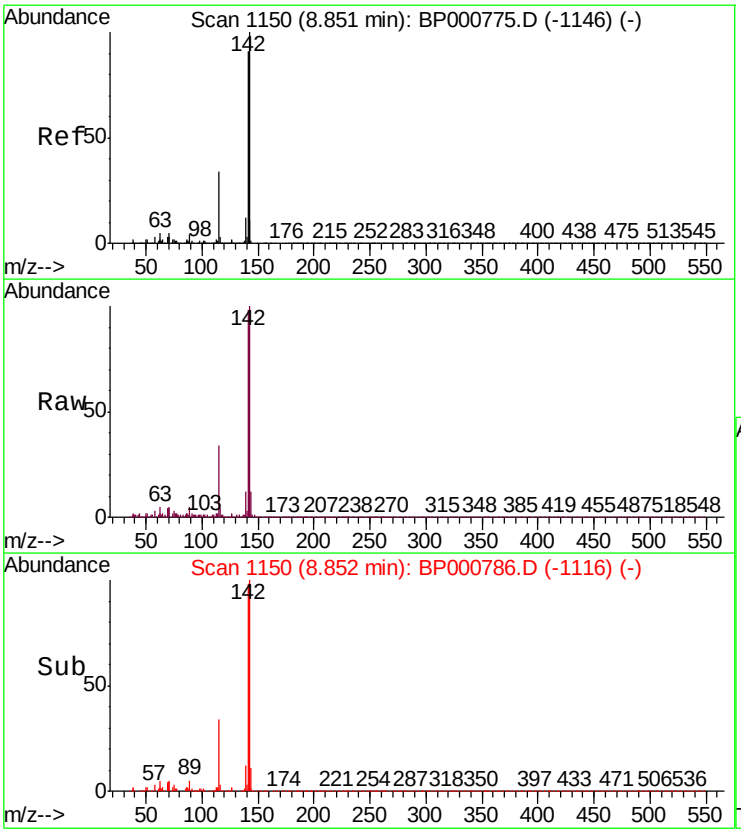
#6
Phenol
Concen: 2.545 ng/ul
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion: 94 Resp: 35997

Ion	Ratio	Lower	Upper
94	100		
65	22.9	19.2	28.8
66	38.1	25.7	38.5

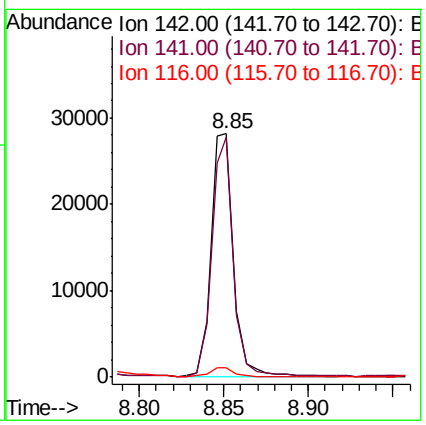


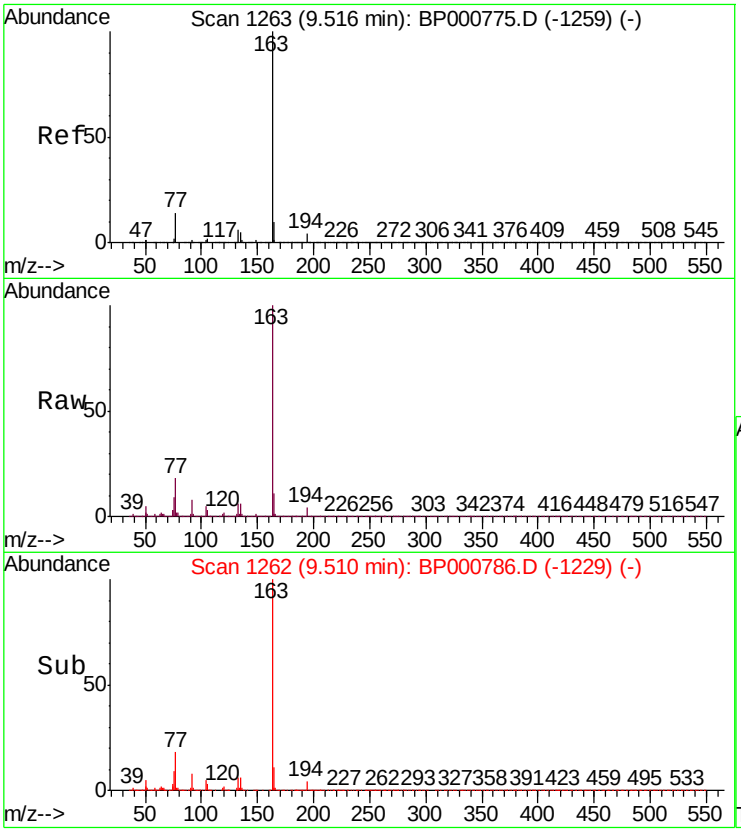


#35
1-Methylnaphthalene
Concen: 1.137 ng/ul
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:142 Resp: 26125

Ion	Ratio	Lower	Upper
142	100		
141	98.3	73.0	109.4
116	3.8	3.0	4.4



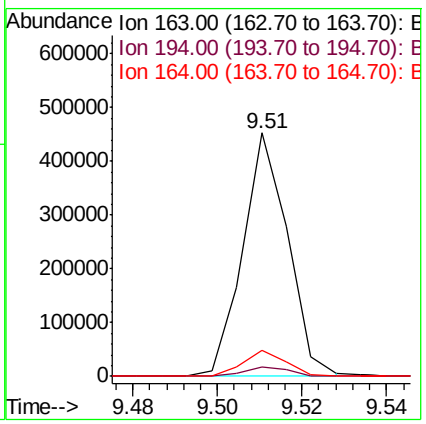


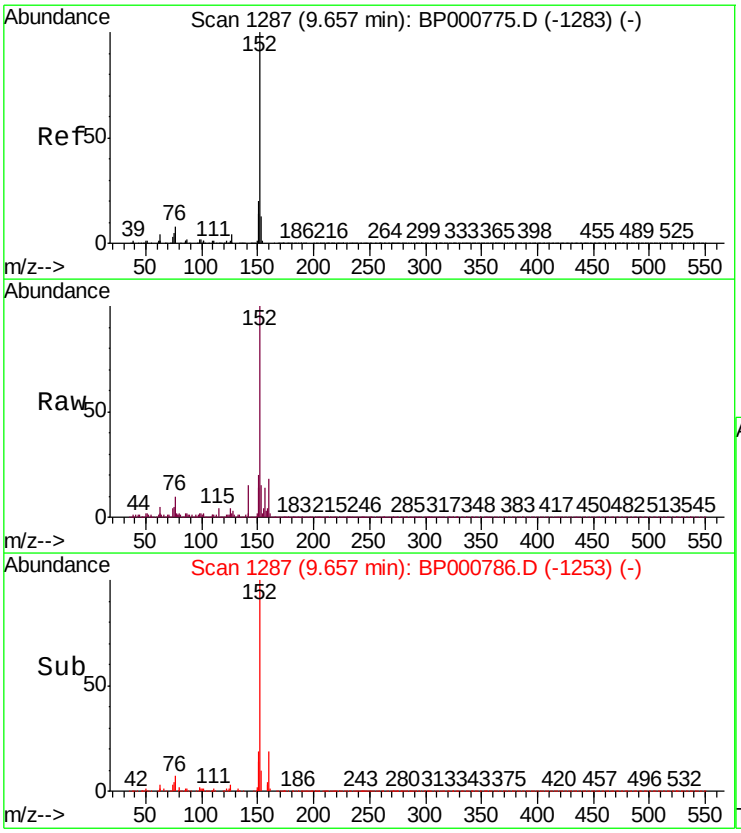
#45
Dimethylphthalate
Concen: 12.698 ng/ul
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:163 Resp: 334619

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.5	8.1	12.1

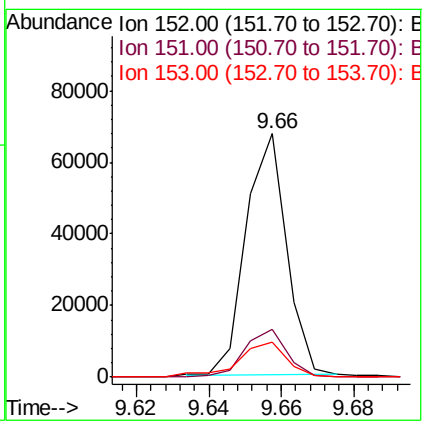


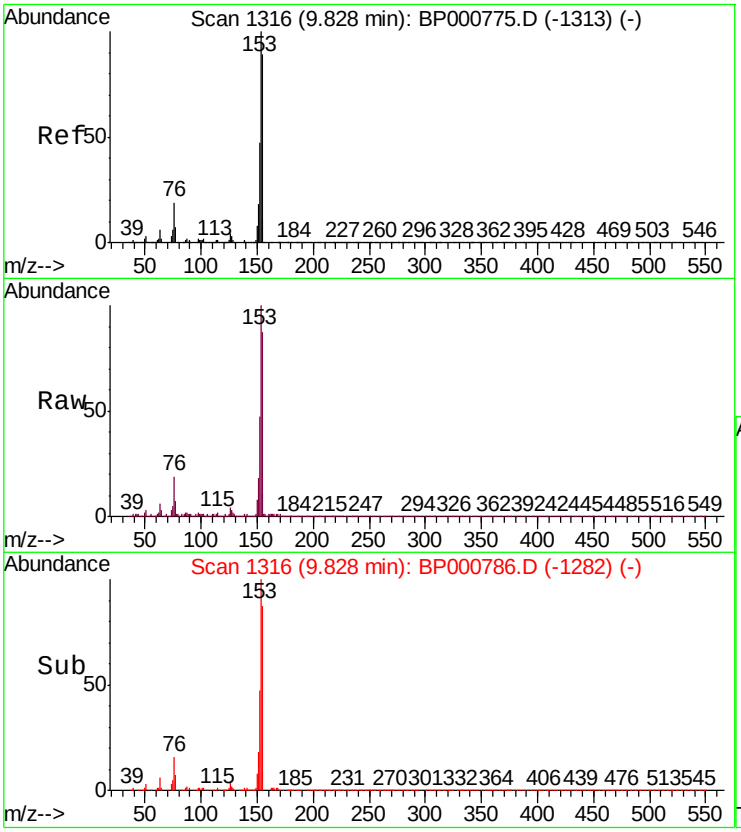


#48
Acenaphthylene
Concen: 1.549 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:152 Resp: 52003

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	14.6	10.9	16.3



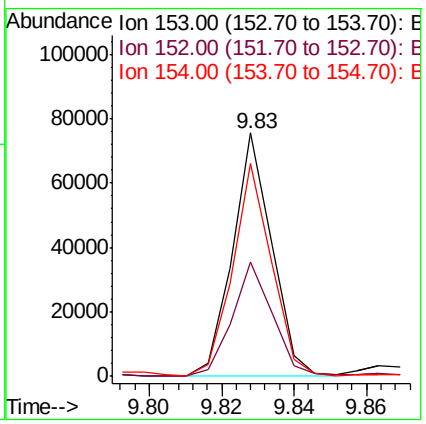


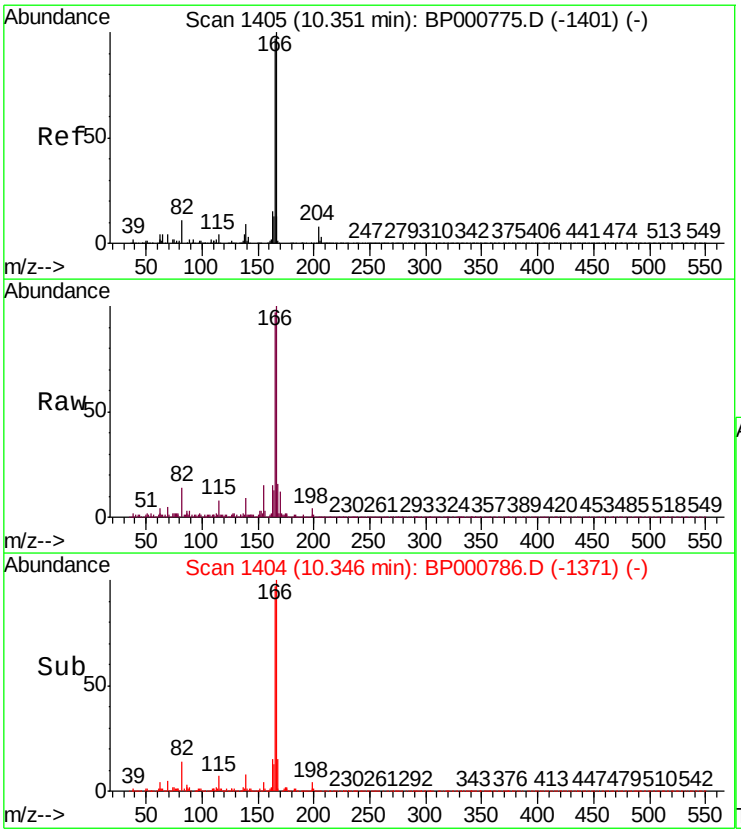
#50
Acenaphthene
Concen: 2.454 ng/ul
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:153 Resp: 57018

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.6	57.8
154	87.3	71.9	107.9

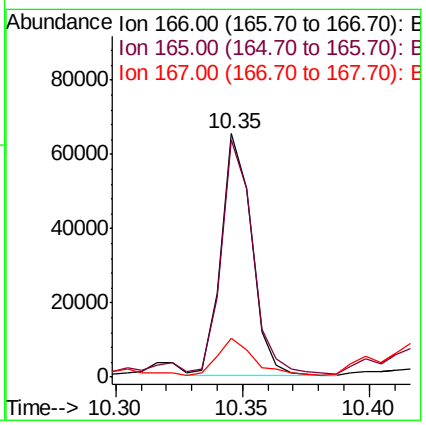


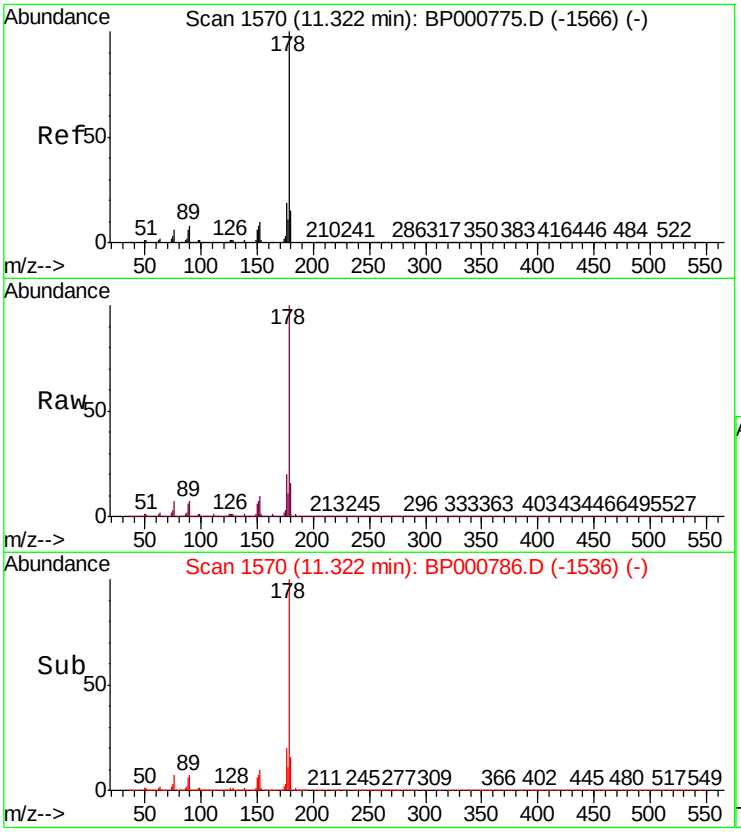


#59
Fluorene
Concen: 2.191 ng/ul
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:166 Resp: 55074

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.4	116.0
167	15.9	10.8	16.2



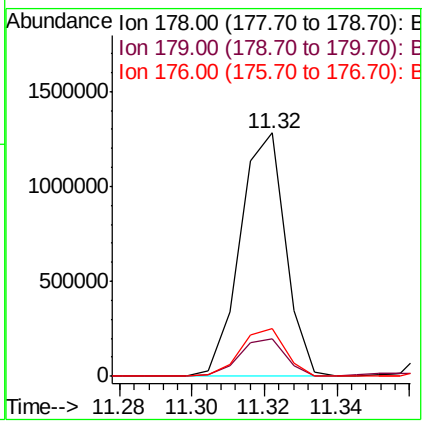


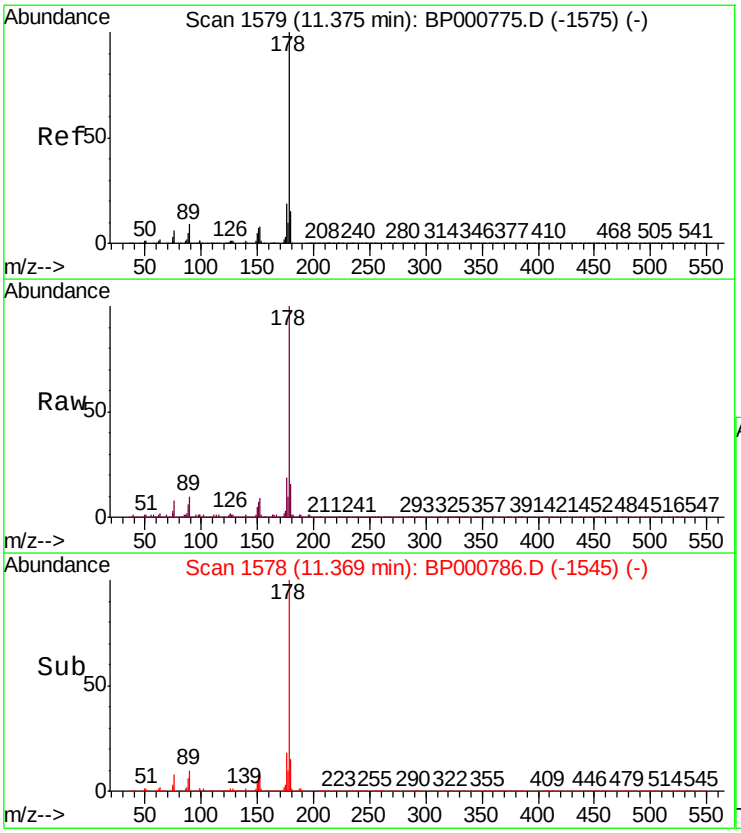
#70
Phenanthrene
Concen: 29.821 ng/ul
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:178 Resp: 1113609

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.6	15.4	23.2

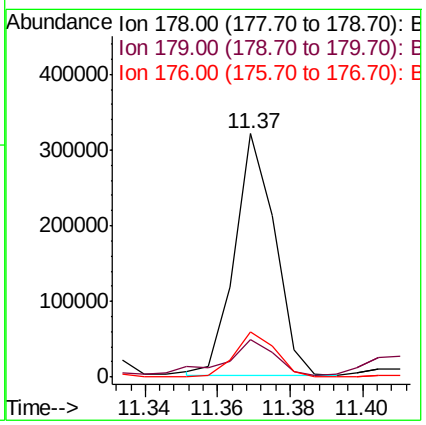


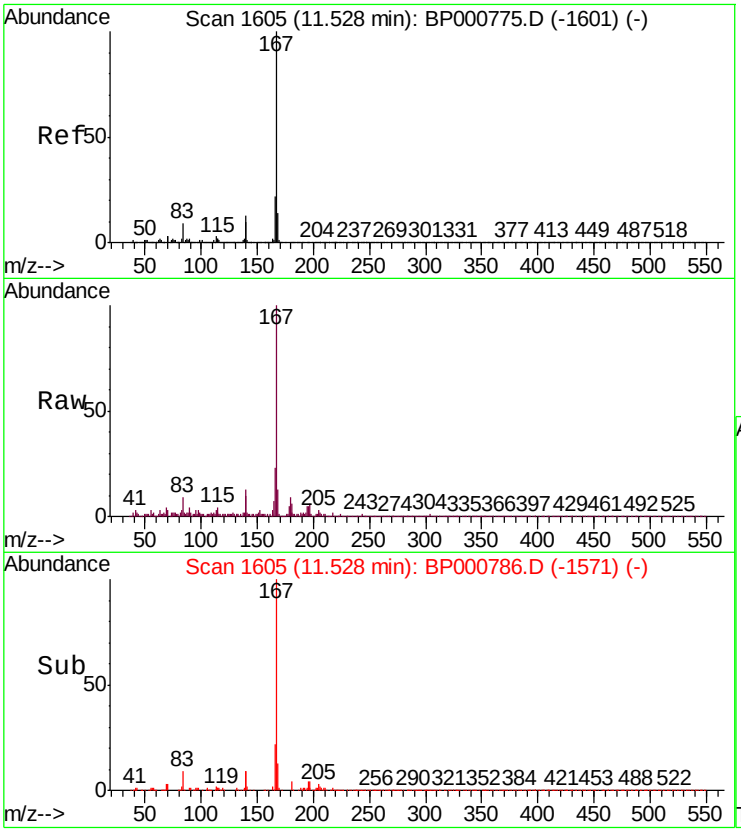


#72
Anthracene
Concen: 6.485 ng/ul
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:178 Resp: 245775

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.5	15.1	22.7



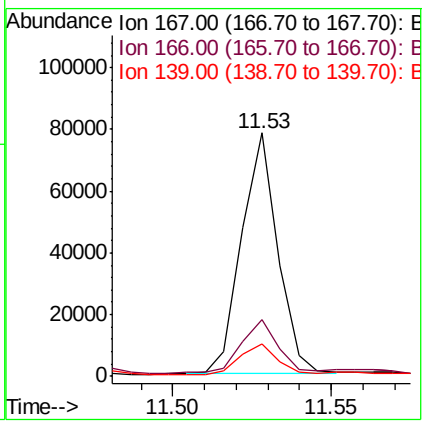


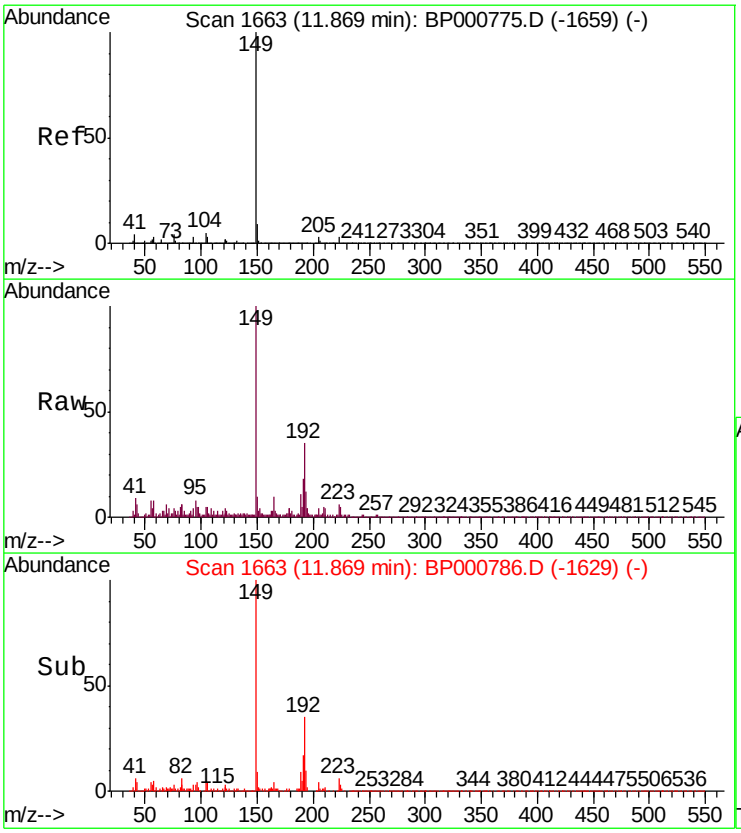
#75
Carbazole
Concen: 1.913 ng/ul
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:167 Resp: 61861

Ion	Ratio	Lower	Upper
167	100		
166	23.3	17.4	26.0
139	13.4	10.2	15.4

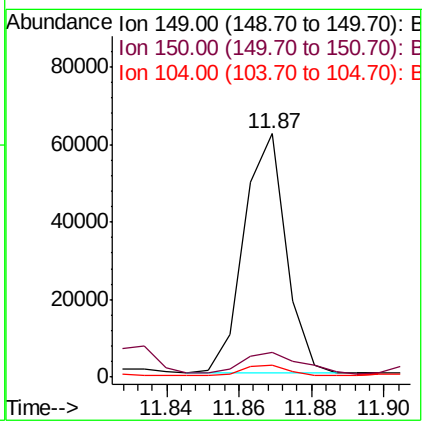


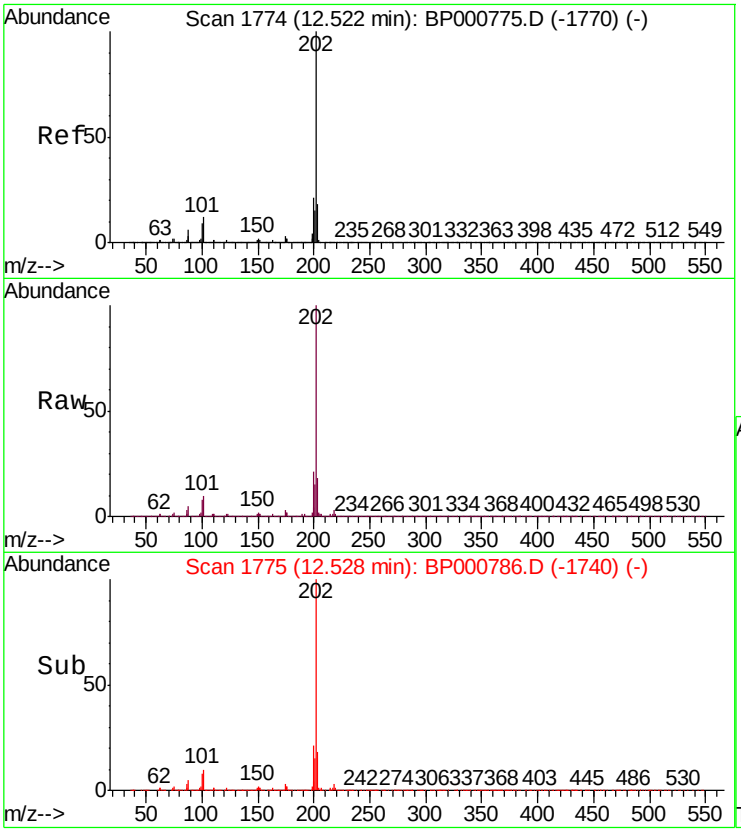


#76
Di-n-butylphthalate
Concen: 1.295 ng/ul
RT: 11.87 min Scan# 1663
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:149 Resp: 50230

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.6	11.4
104	5.1	3.7	5.5



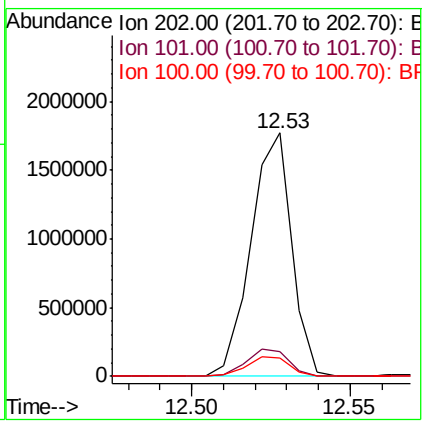


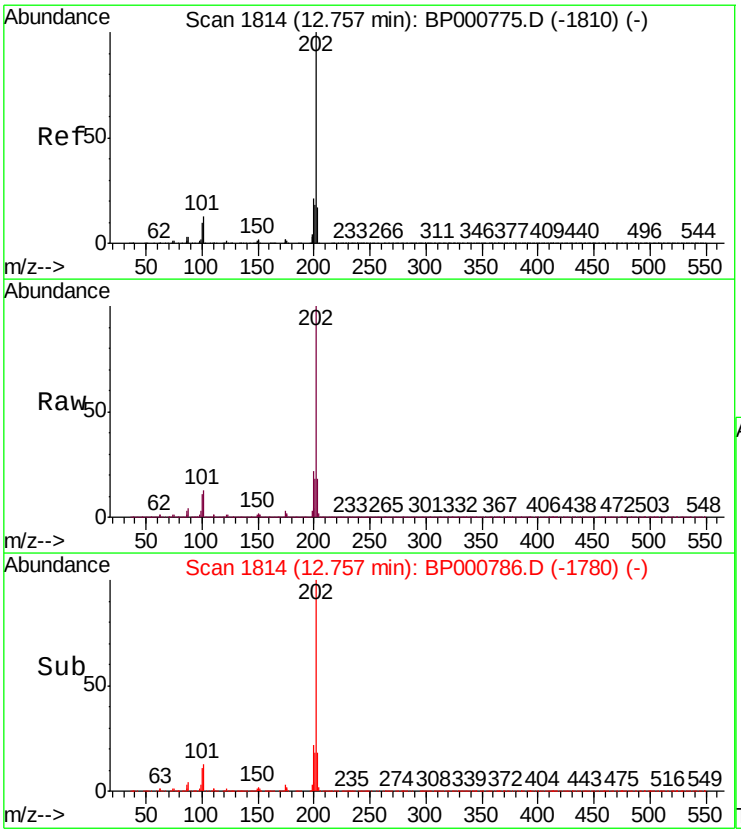
#77
Fluoranthene
Concen: 41.211 ng/ul
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:202 Resp: 1576830

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.8	14.6
100	7.8	7.2	10.8

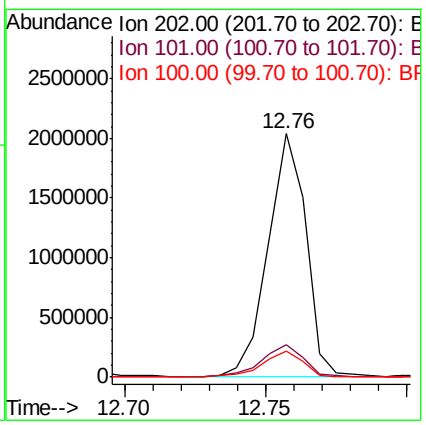


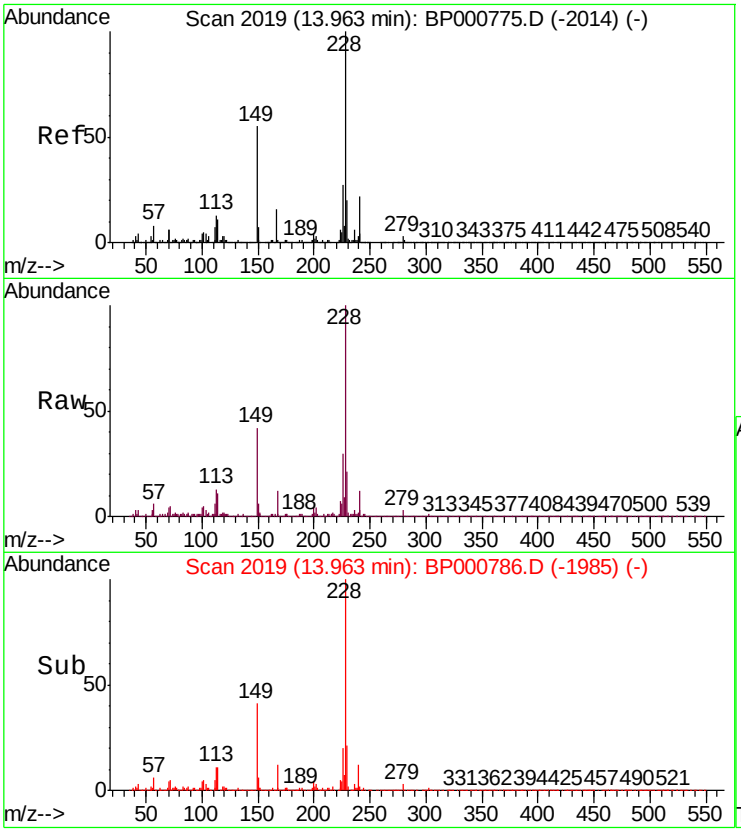


#80
Pyrene
Concen: 51.503 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:202 Resp: 1891639

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.7	7.8	11.8



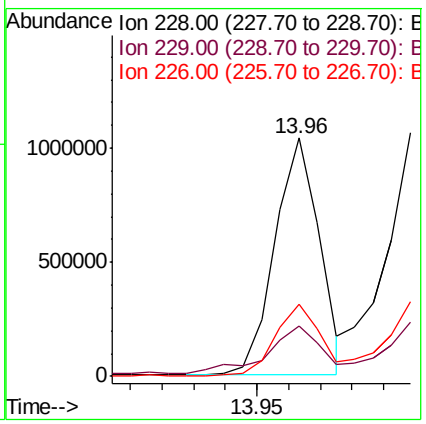


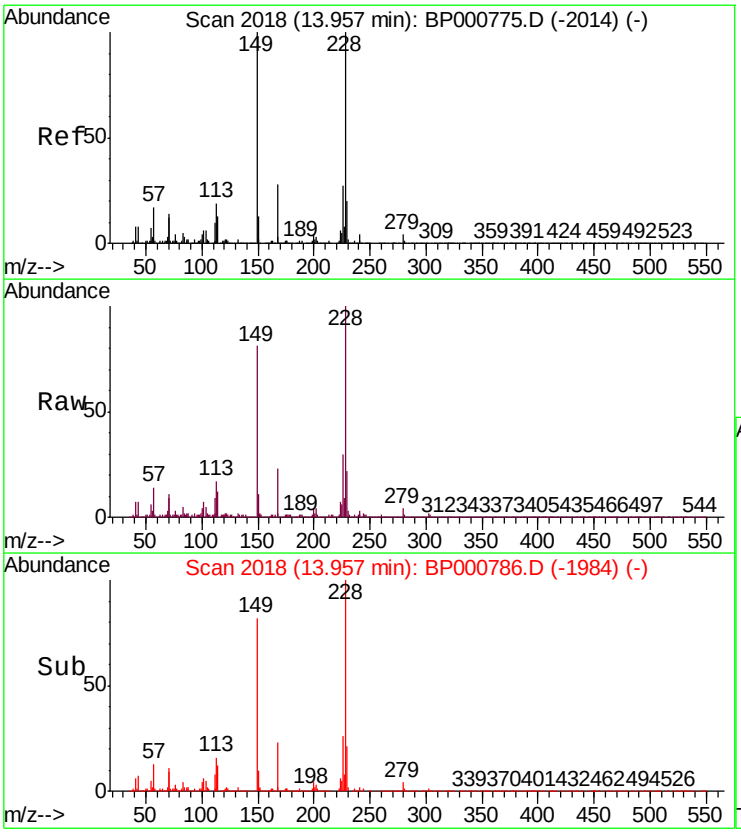
#83
Benzo(a)anthracene
Concen: 29.309 ng/ul
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:228 Resp: 1018324

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	30.1	21.8	32.8

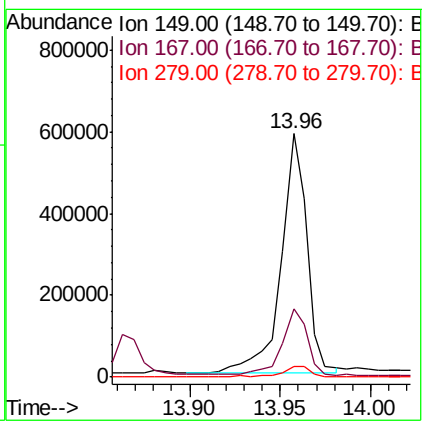


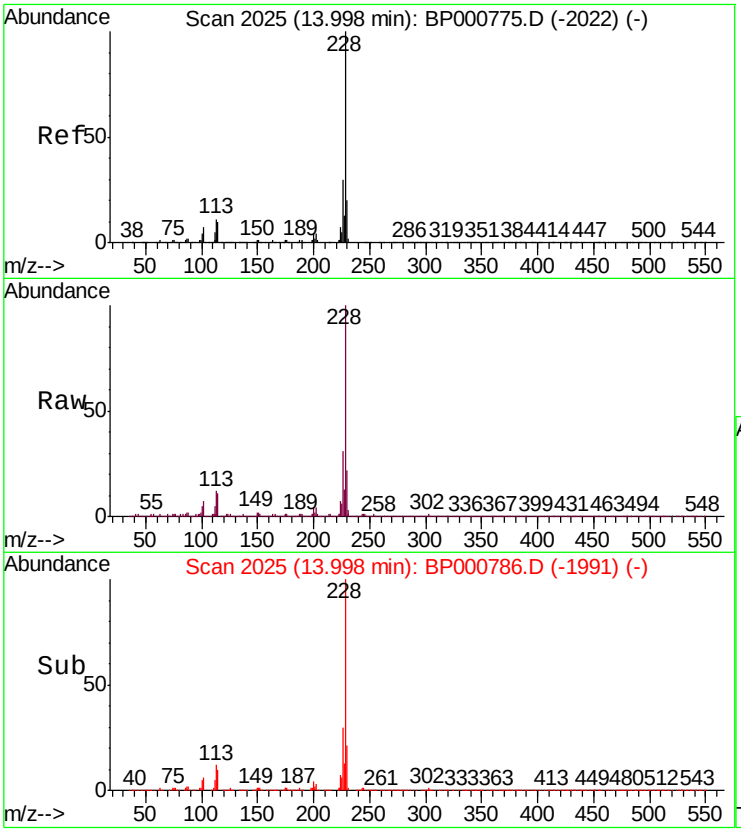


#84
Bis(2-ethylhexyl)phthalate
Concen: 29.353 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:149 Resp: 585631

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.3	33.5
279	4.5	3.2	4.8



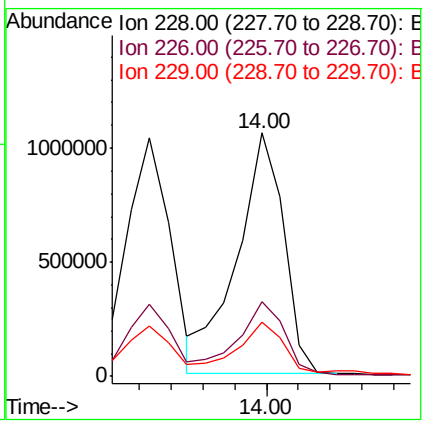


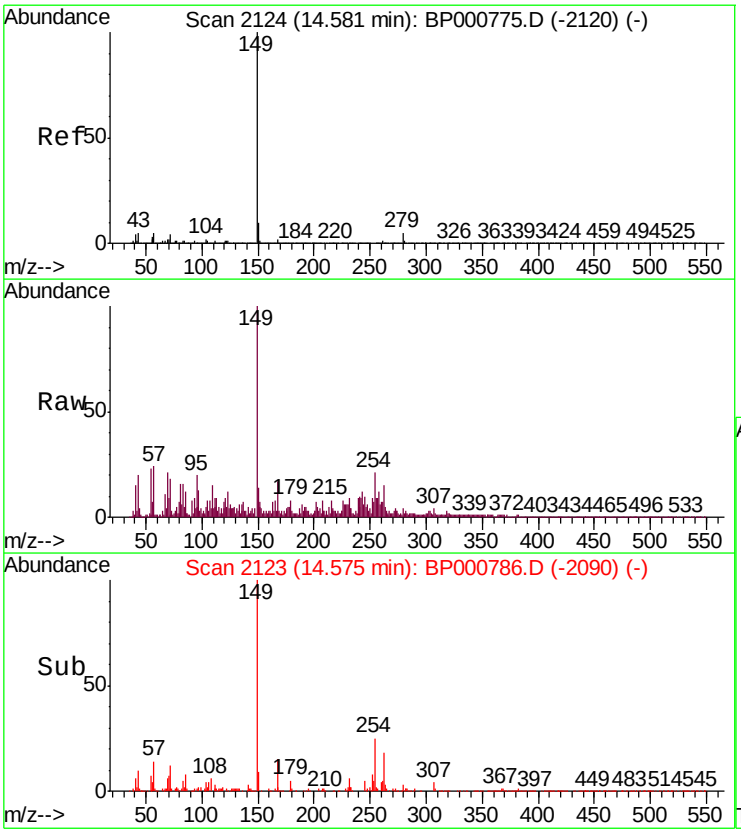
#85
Chrysene
Concen: 33.351 ng/ul
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:228 Resp: 1077034

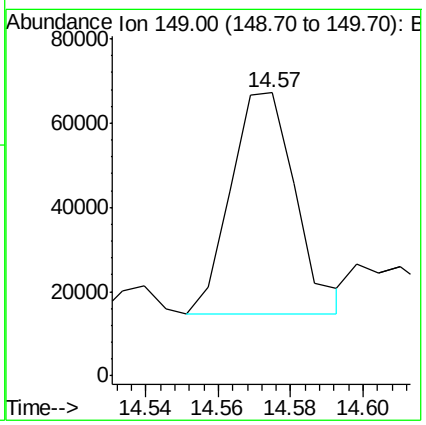
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	22.2	15.8	23.6

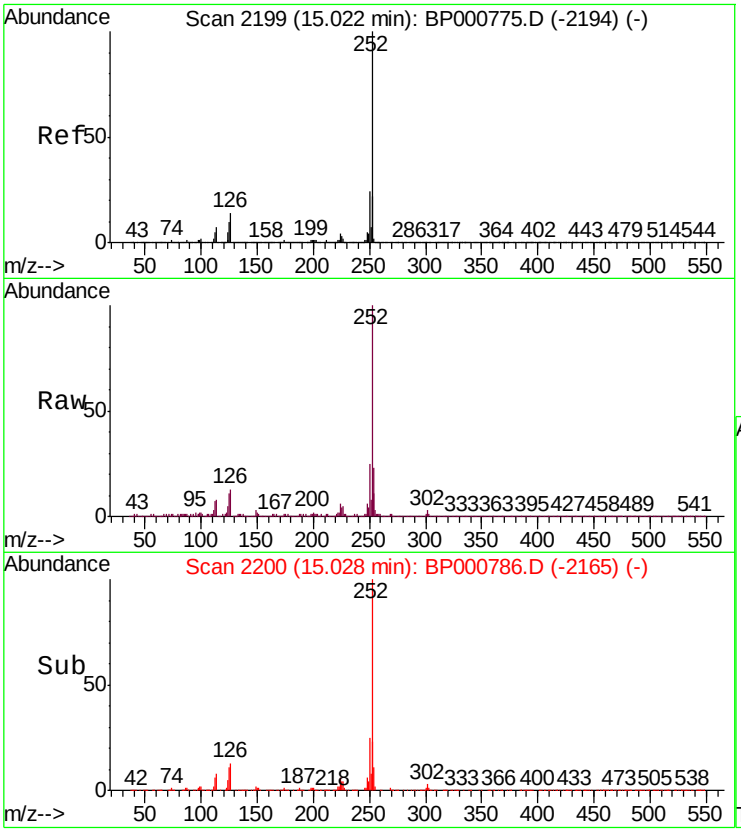




#87
Di-n-octyl phthalate
Concen: 1.795 ng/ul
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:149 Resp: 64781



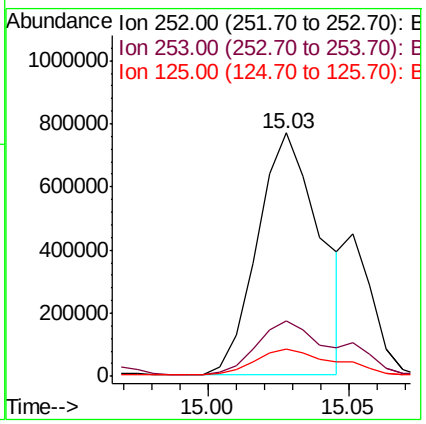


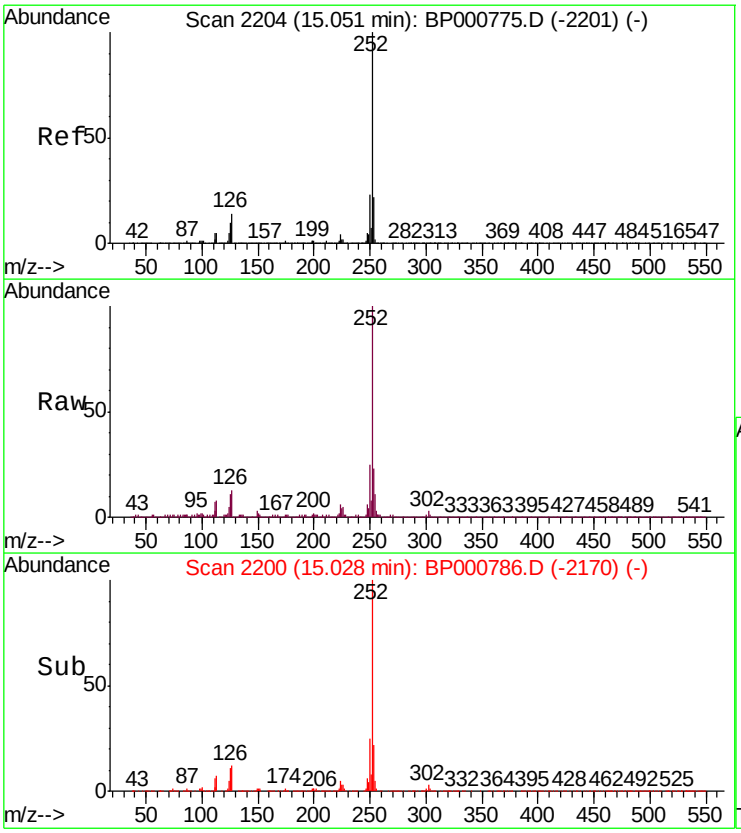
#88
Benzo(b)fluoranthene
Concen: 31.624 ng/ul
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:252 Resp: 1187812

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.4	8.7	13.1

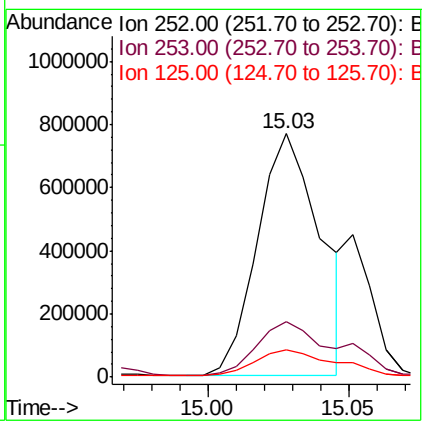


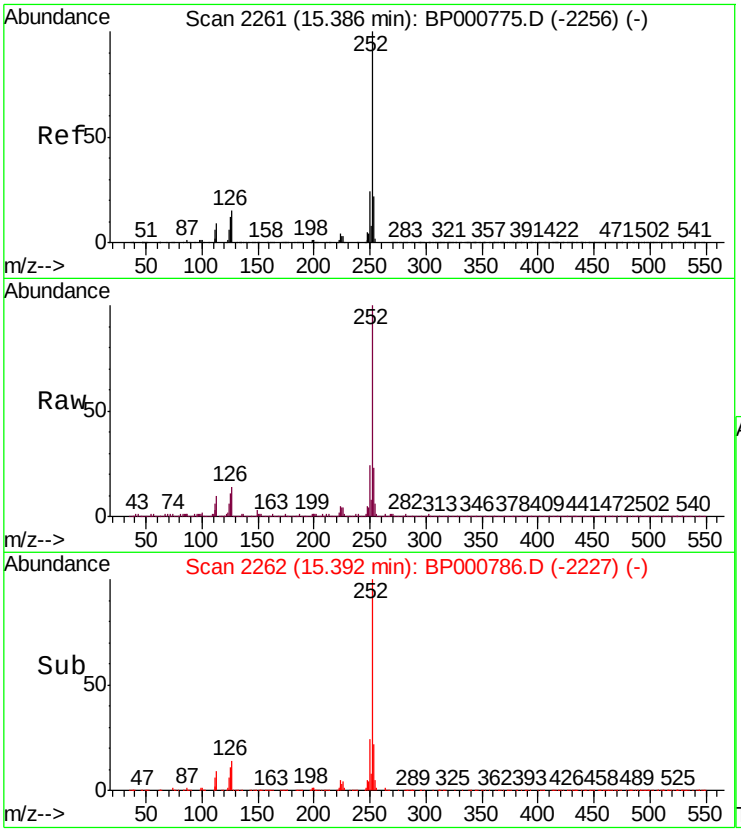


#89
Benzo(k)fluoranthene
Concen: 33.208 ng/ul
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:252 Resp: 1187812

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	11.4	8.2	12.4



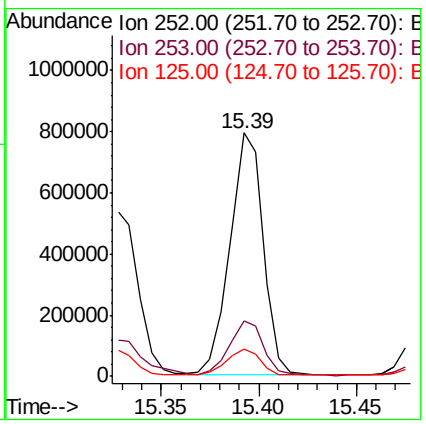


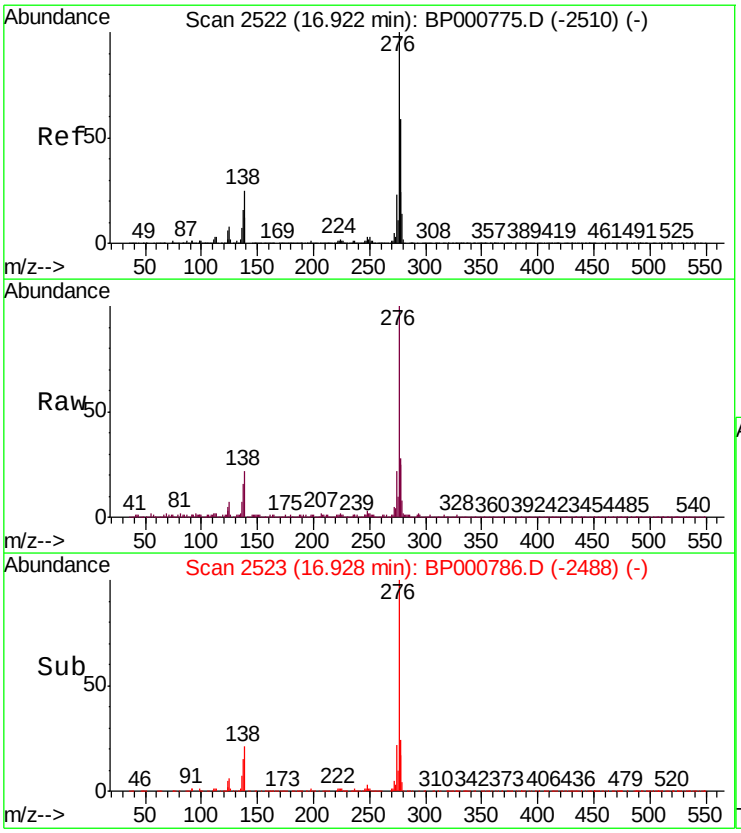
#91
Benzo(a)pyrene
Concen: 26.278 ng/ul
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:252 Resp: 934503

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	11.4	9.7	14.5

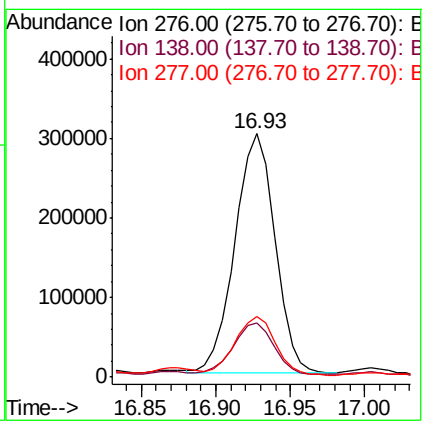


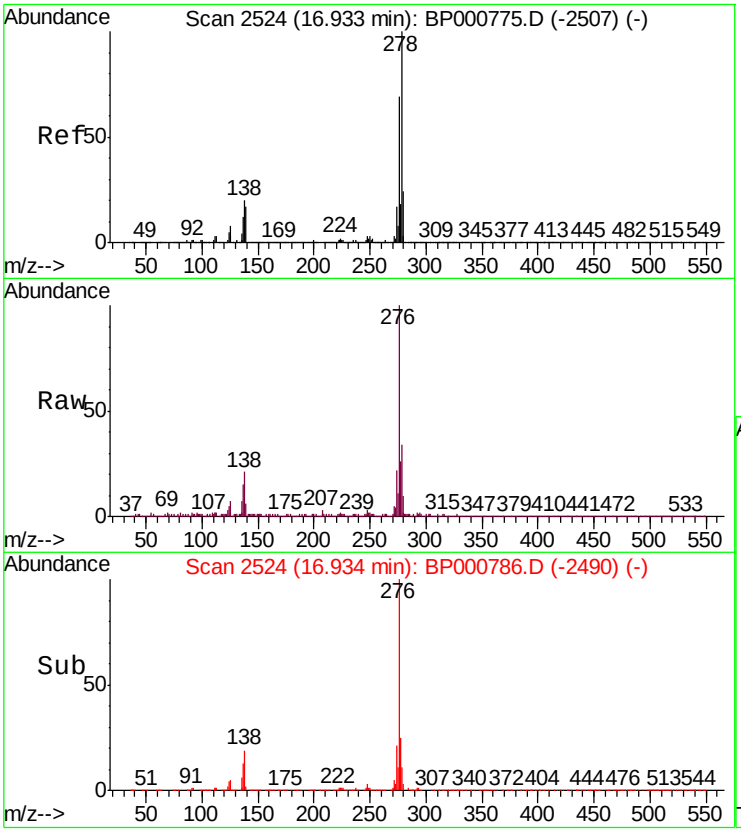


#92
Indeno(1,2,3-cd)pyrene
Concen: 13.706 ng/ul
RT: 16.93 min Scan# 2523
Delta R.T. 0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:276 Resp: 558727

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.0	30.0
277	25.0	19.8	29.8



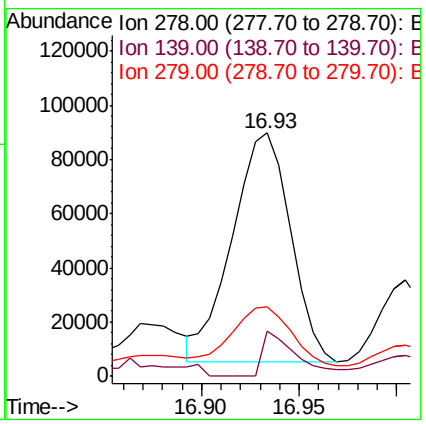


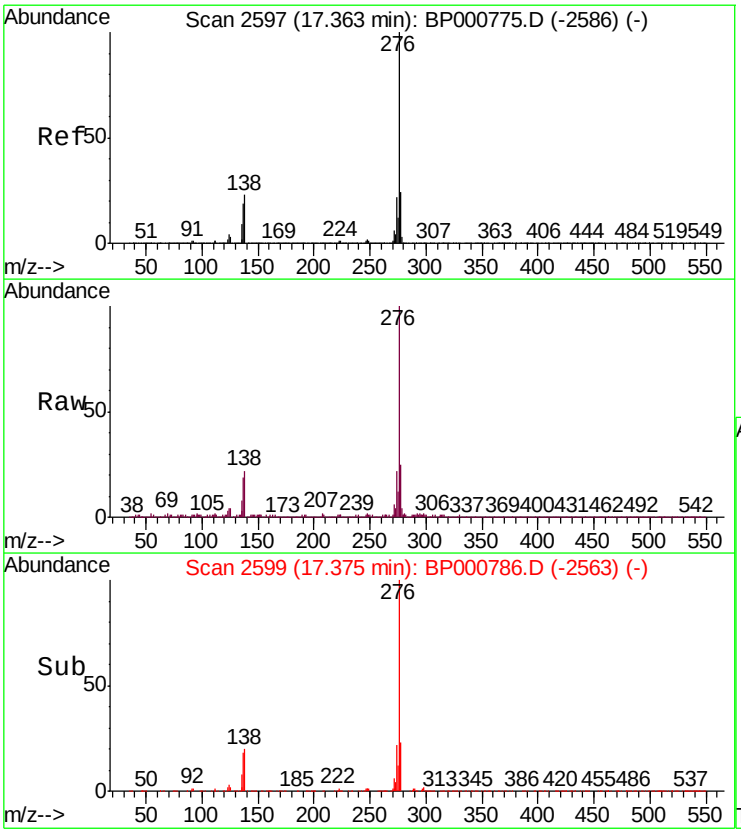
#93
Dibenzo(a,h)anthracene
Concen: 5.249 ng/ul
RT: 16.93 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Instrument :
BNA_P
ClientSampleId :
BEPF4

Tgt Ion:278 Resp: 175383

Ion	Ratio	Lower	Upper
278	100		
139	18.6	14.2	21.4
279	28.6	19.2	28.8





#94
Benzo(g,h,i)perylene
Concen: 17.231 ng/ul
RT: 17.37 min Scan# 2599
Delta R.T. 0.01 min
Lab File: BP000786.D
Acq: 15 Oct 2019 23:24

Tgt Ion:276 Resp: 584831

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.4	27.6
277	24.6	19.4	29.0