Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Time: Dec 21 02:56:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:36:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	248630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1023868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	625501	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1322393	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1215309	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1393408	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	17295	2.89	ng/uL	0.00
5) Phenol-d5	6.99	99	331067	15.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	204277	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	281258	15.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	230185	13.39	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	145139	16.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	153788	15.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	286258	15.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	230293	11.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	853335	17.04	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1133863	18.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	78798	8.71	ng/ul	0.00
58) Fluorene-d10	15.47	176	763860	17.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	59826	7.01	ng/ul	0.00
71) Anthracene-d10	17.33	188	1138312	17.42	ng/ul	0.00
79) Pyrene-d10	19.57	212	1278129	19.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1381892	18.00	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	34722	1.599	ng/ul	96
28) Naphthalene	10.67	128	414267	7.202	ng/ul	100
34) 2-Methylnaphthalene	12.28	142	118066	2.976	ng/ul	98
35) 1-Methylnaphthalene	12.50	142	99334	2.151	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	57794	1.131	ng/ul	97
45) Dimethylphthalate	13.92	163	80994	1.615	ng/ul	99
48) Acenaphthylene	14.19	152	709504	11.681	ng/ul	99
50) Acenaphthene	14.53	153	436073	10.247	ng/ul	98
54) Dibenzofuran	14.87	168	517373	8.634	ng/ul	99
59) Fluorene	15.52	166	474759	9.777	ng/ul	99
70) Phenanthrene	17.28	178	8922184	116.182	ng/ul	97
72) Anthracene	17.36	178	2156549	28.041	ng/ul	100
75) Carbazole	17.63	167	914801	14.387	ng/ul	99
77) Fluoranthene	19.26	202	12730326	146.139	ng/ul	100
80) Pyrene	19.61	202	11629757	140.523	ng/ul	99
83) Benzo(a)anthracene	21.37	228	5992155	73.155	ng/ul	91
85) Chrysene	21.37	228	6024041	76.173	ng/ul	95
88) Benzo(b)fluoranthene	22.98	252	8516312	93.705	ng/ul	98
89) Benzo(k)fluoranthene	22.98	252	8516312	96.580	ng/ul	98
91) Benzo(a)pyrene	23.59	252	6281166	74.927	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.12	276	4607707	43.501	ng/ul	95
93) Dibenzo(a,h)anthracene	26.12	278	1051856	11.924	ng/ul#	82
94) Benzo(g,h,i)perylene	26.86	276	3793131	42.686	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFN58

Quant Time: Dec 21 02:56:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:36:02 2020
Response via : Initial Calibration

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

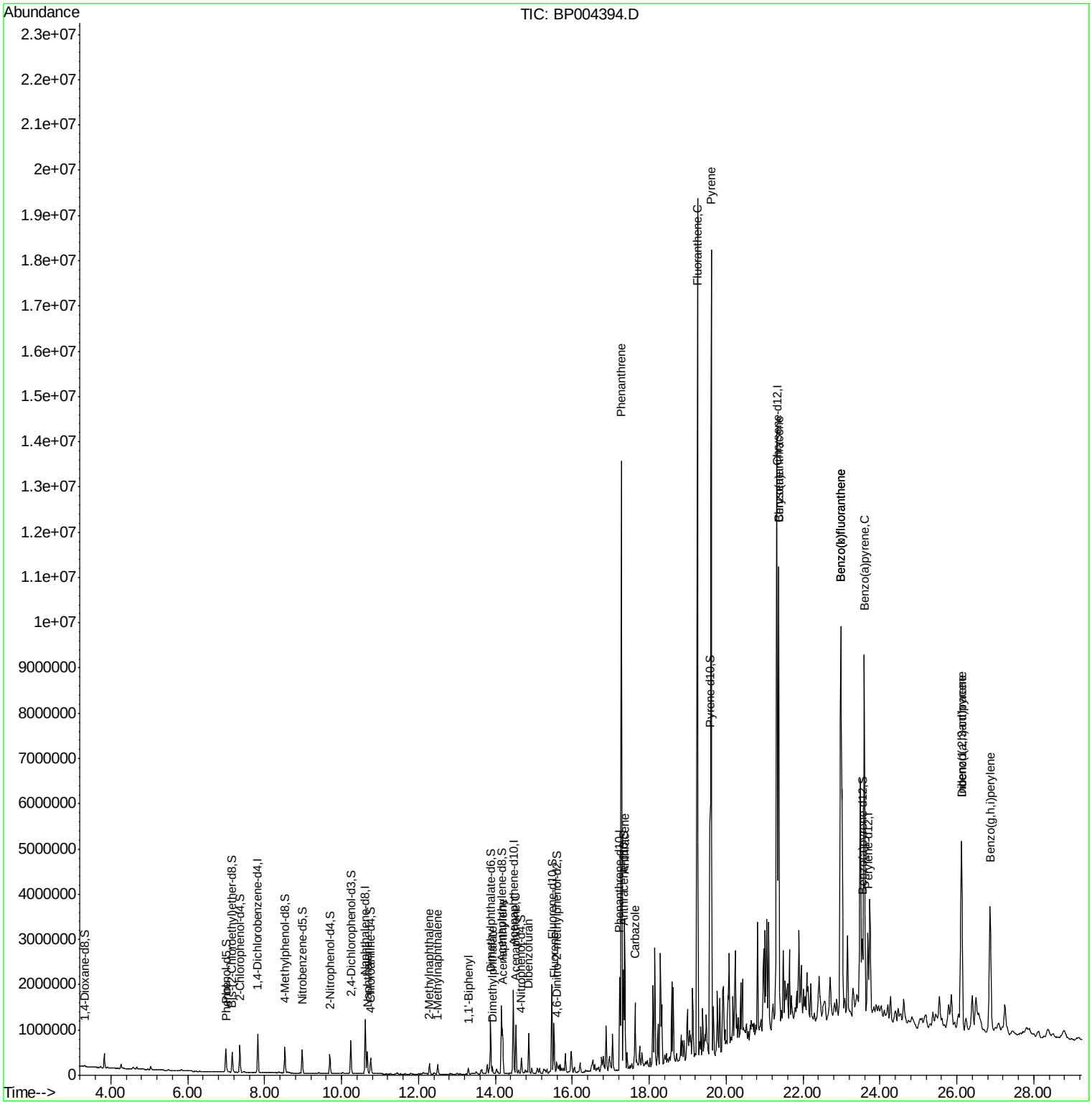
(#) = qualifier out of range (m) = manual integration (+) = signals summed

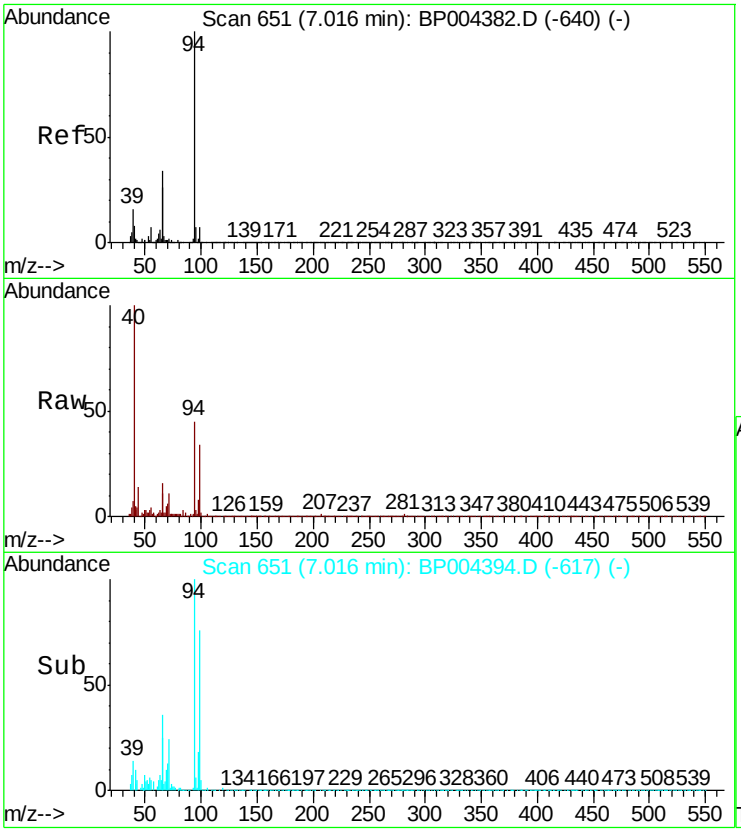
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFN58

Quant Time: Dec 21 02:56:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:36:02 2020
Response via : Initial Calibration



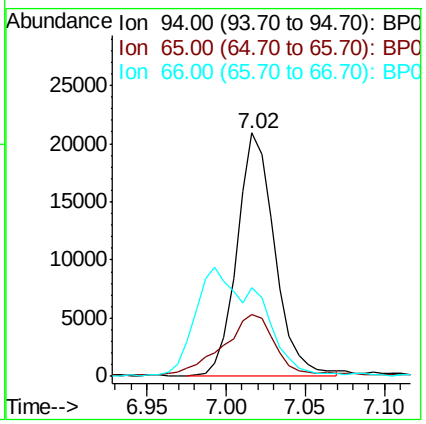


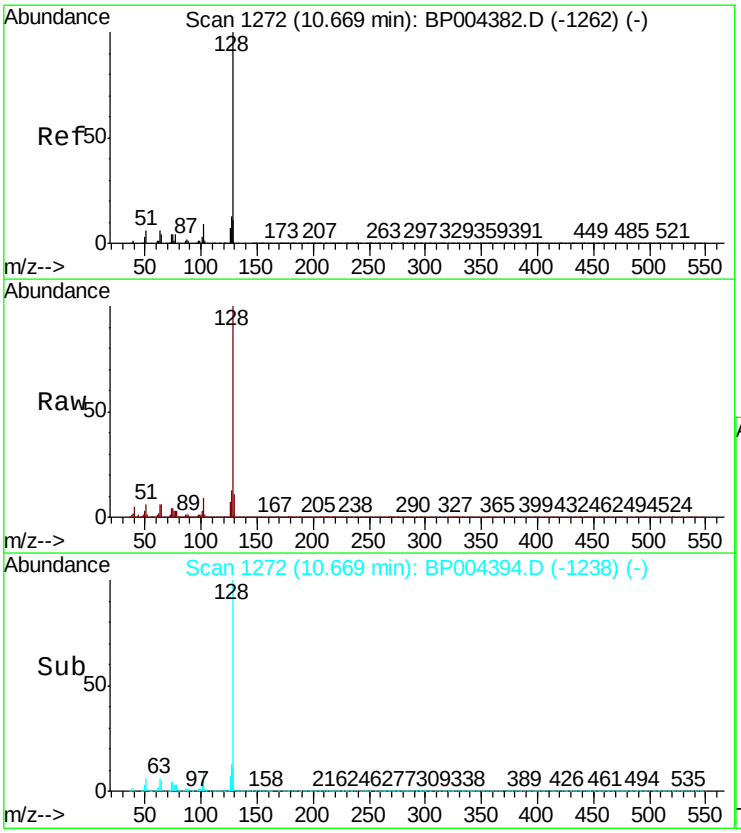
#6
Phenol
Concen: 1.599 ng/ul
RT: 7.02 min Scan# 651
Delta R.T. -0.00 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion: 94 Resp: 34722

Ion	Ratio	Lower	Upper
94	100		
65	25.7	20.3	30.5
66	36.3	26.2	39.2

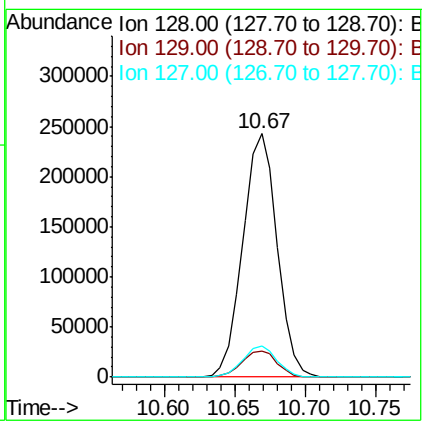


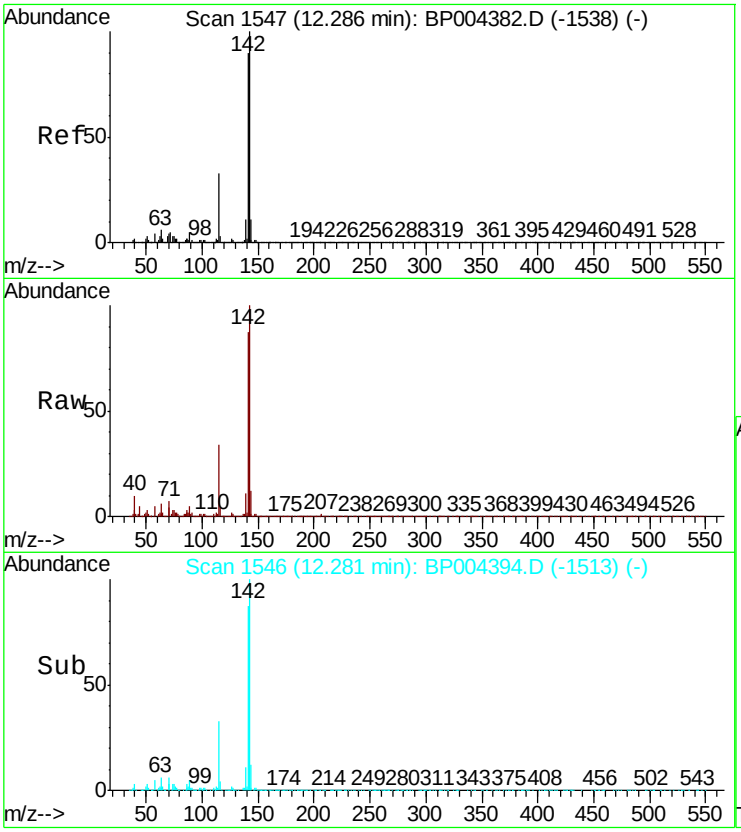


#28
Naphthalene
Concen: 7.202 ng/ul
RT: 10.67 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:128 Resp: 414267

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.4	15.6



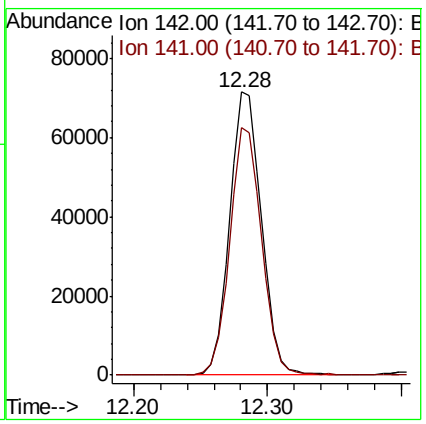


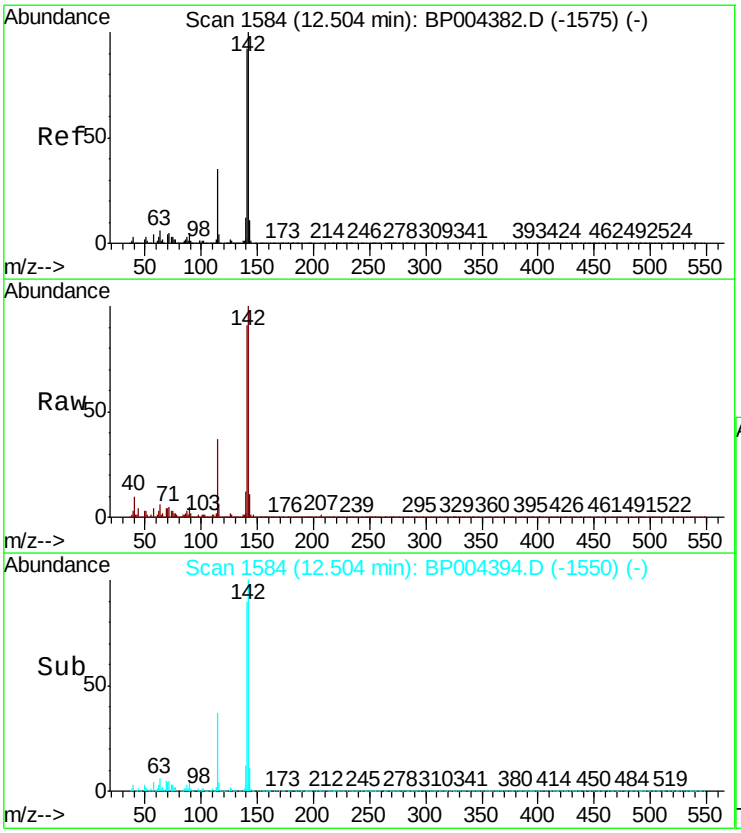
#34
2-Methylnaphthalene
Concen: 2.976 ng/ul
RT: 12.28 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:142 Resp: 118066

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.2	106.8

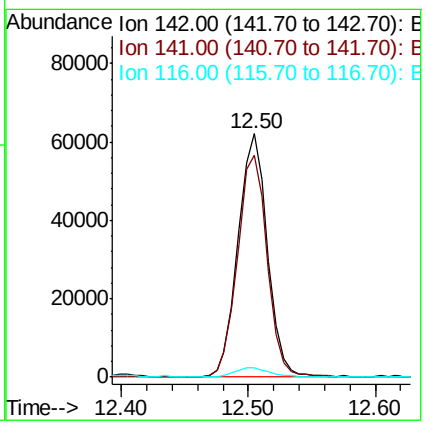


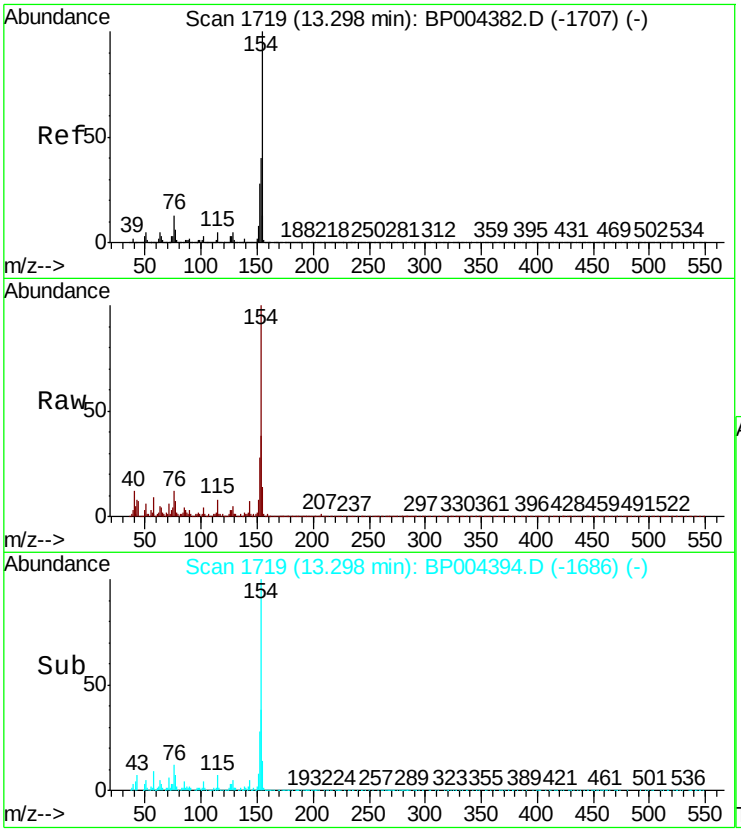


#35
1-Methylnaphthalene
Concen: 2.151 ng/ul
RT: 12.50 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:142 Resp: 99334

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.5	110.3
116	4.0	2.9	4.3



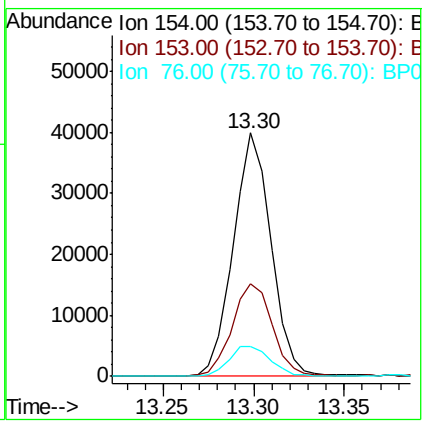


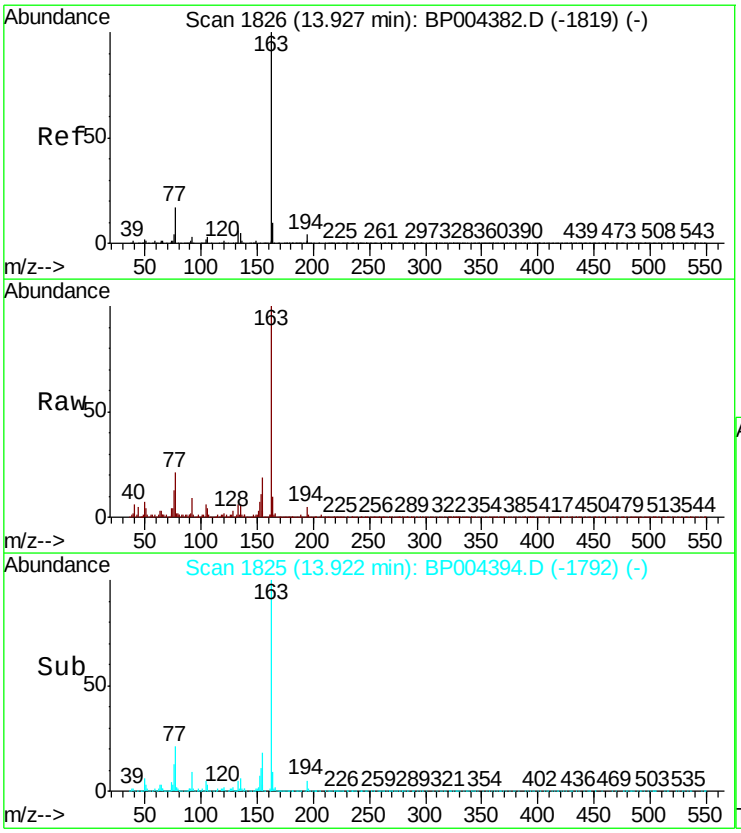
#41
1,1'-Biphenyl
Concen: 1.131 ng/ul
RT: 13.30 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:154 Resp: 57794

Ion	Ratio	Lower	Upper
154	100		
153	38.1	32.4	48.6
76	12.1	10.0	15.0

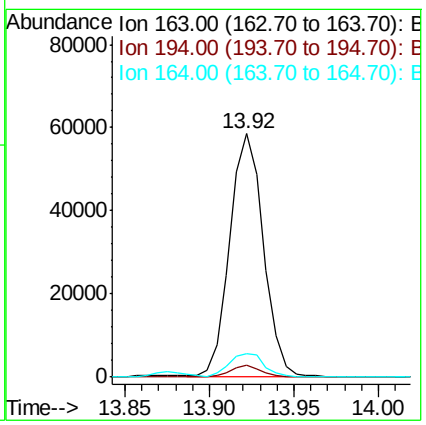


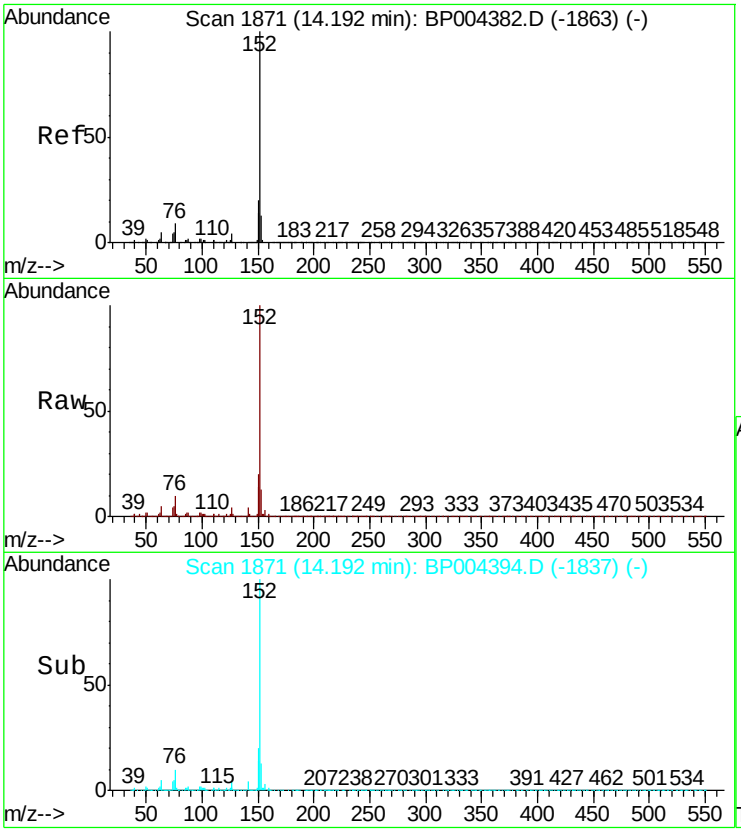


#45
Dimethylphthalate
Concen: 1.615 ng/ul
RT: 13.92 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:163 Resp: 80994

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	9.6	7.8	11.8



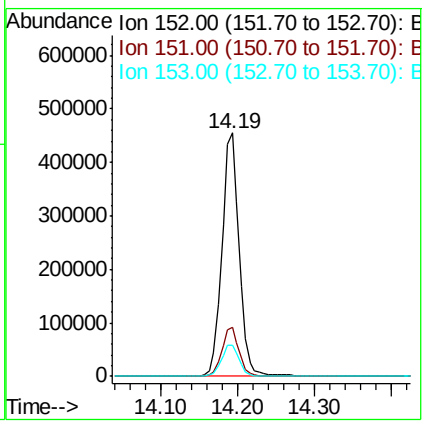


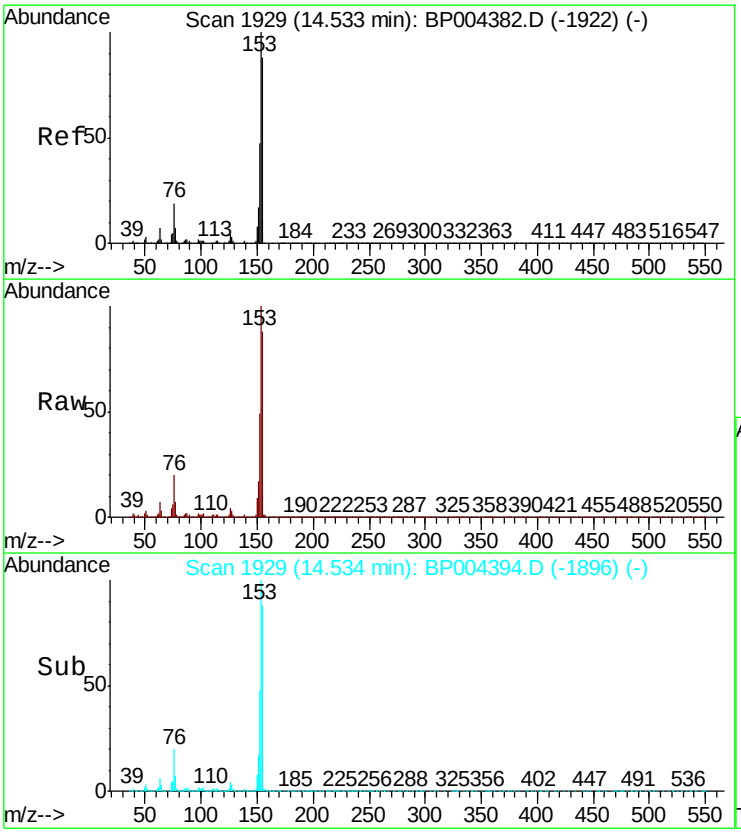
#48
Acenaphthylene
Concen: 11.681 ng/ul
RT: 14.19 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:152 Resp: 709504

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.0	10.6	15.8

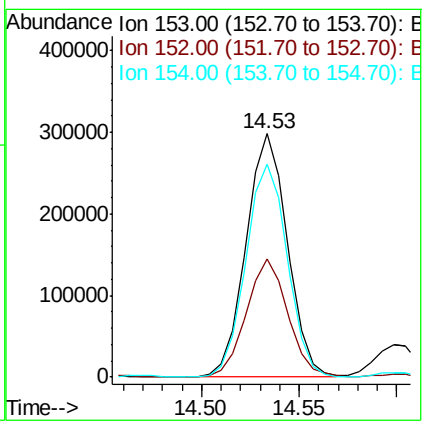


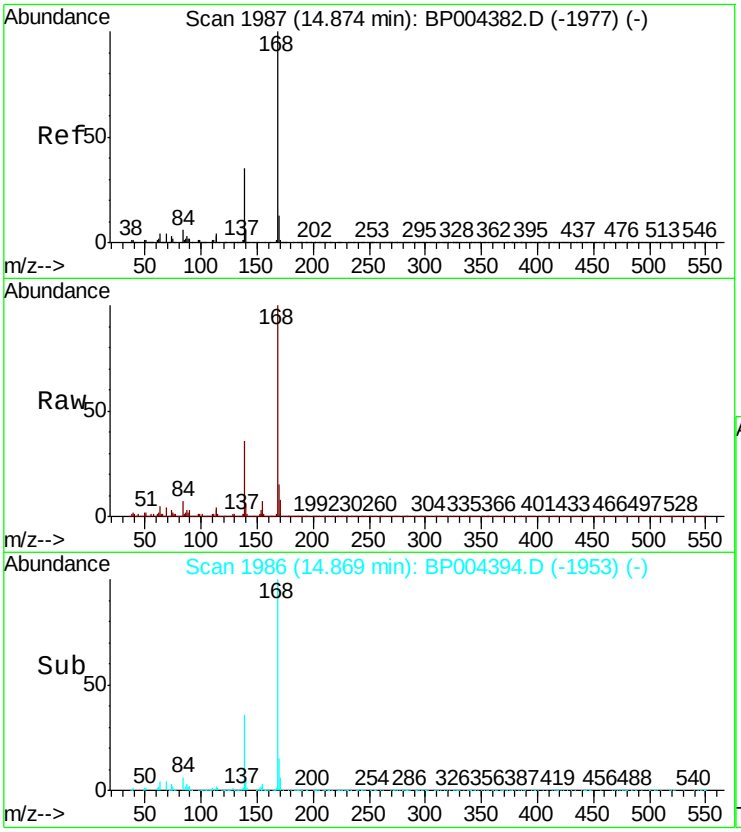


#50
Acenaphthene
Concen: 10.247 ng/ul
RT: 14.53 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:153 Resp: 436073

Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.8	56.8
154	87.6	71.4	107.0



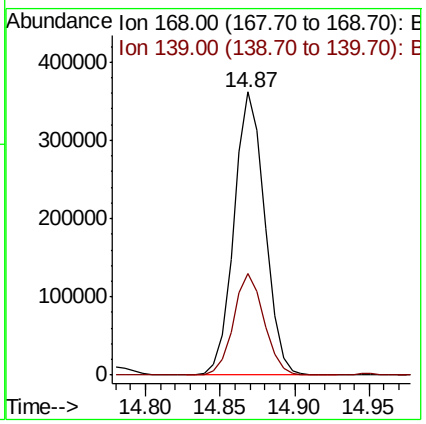


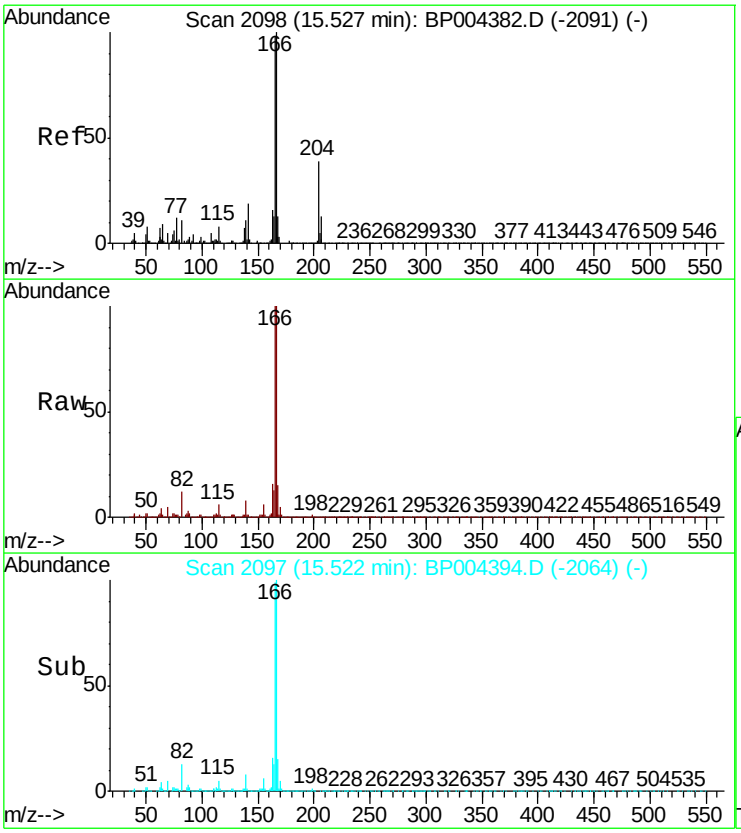
#54
Dibenzofuran
Concen: 8.634 ng/ul
RT: 14.87 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:168 Resp: 517373

Ion	Ratio	Lower	Upper
168	100		
139	36.0	28.3	42.5

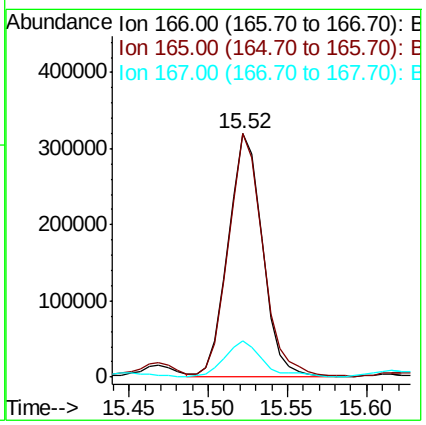


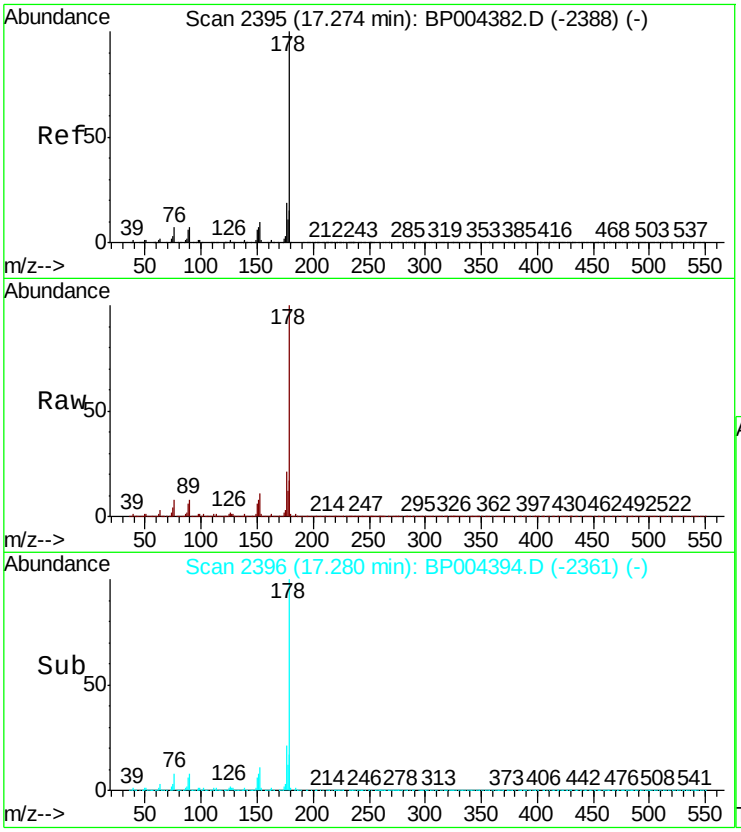


#59
Fluorene
Concen: 9.777 ng/ul
RT: 15.52 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:166 Resp: 474759

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.2	118.8
167	15.1	10.8	16.2



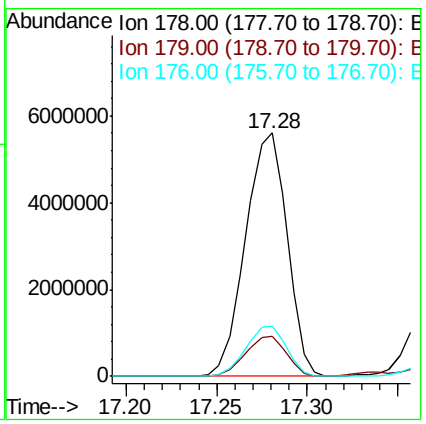


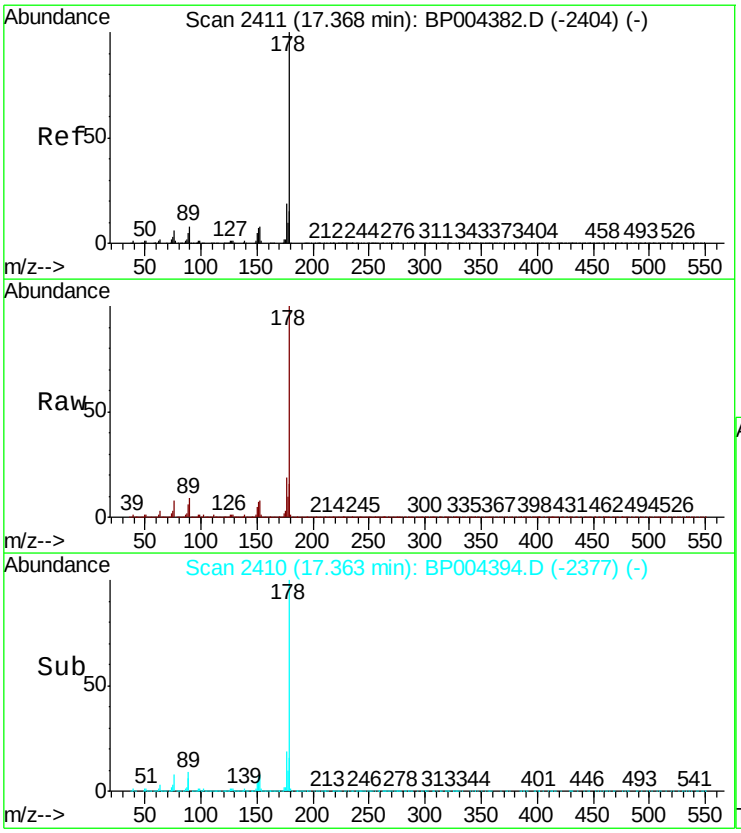
#70
Phenanthrene
Concen: 116.182 ng/ul
RT: 17.28 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:178 Resp: 8922184

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	20.8	15.3	22.9

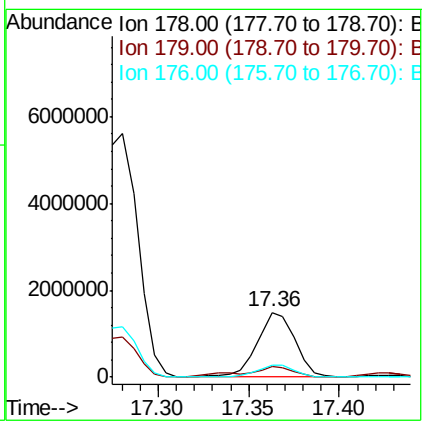


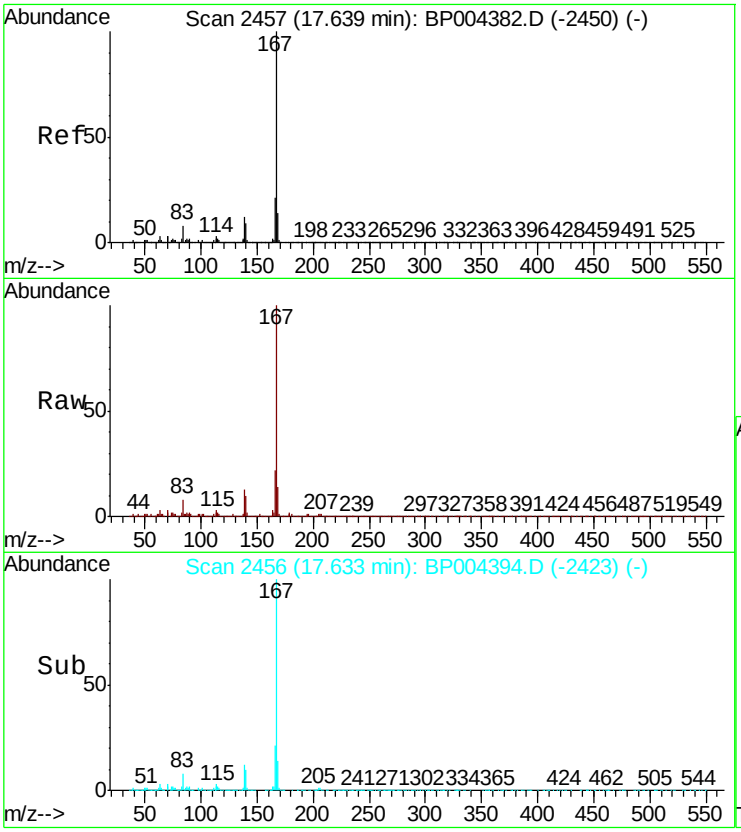


#72
Anthracene
Concen: 28.041 ng/ul
RT: 17.36 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:178 Resp: 2156549

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.8	15.0	22.4



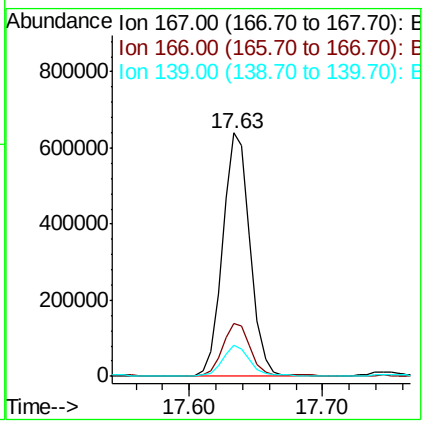


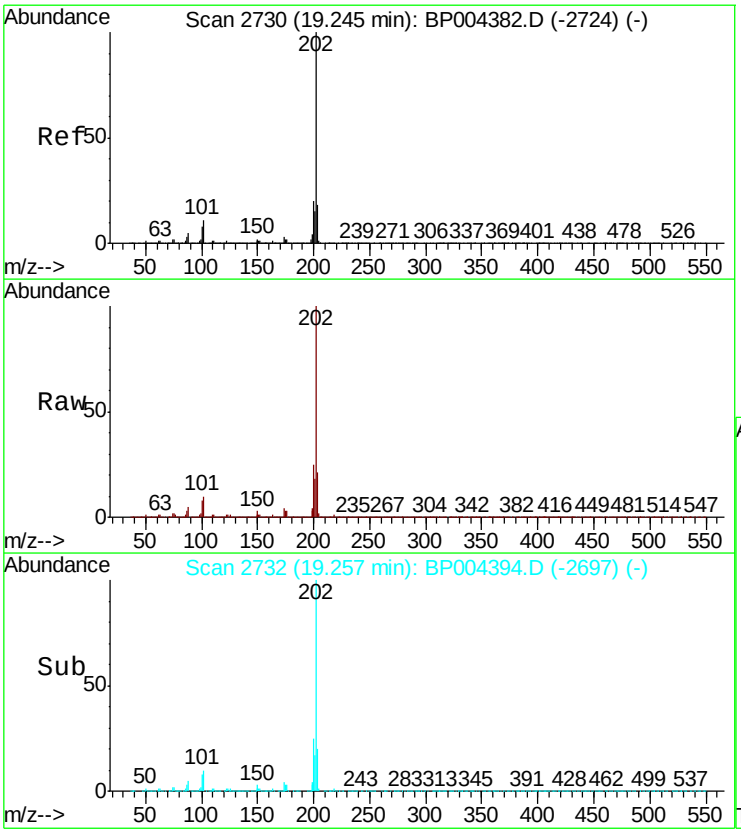
#75
Carbazole
Concen: 14.387 ng/ul
RT: 17.63 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:167 Resp: 914801

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.9	25.3
139	12.6	9.5	14.3

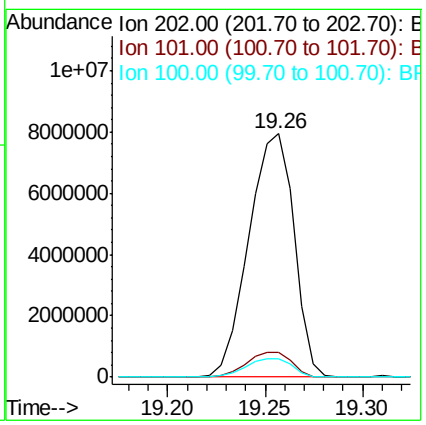


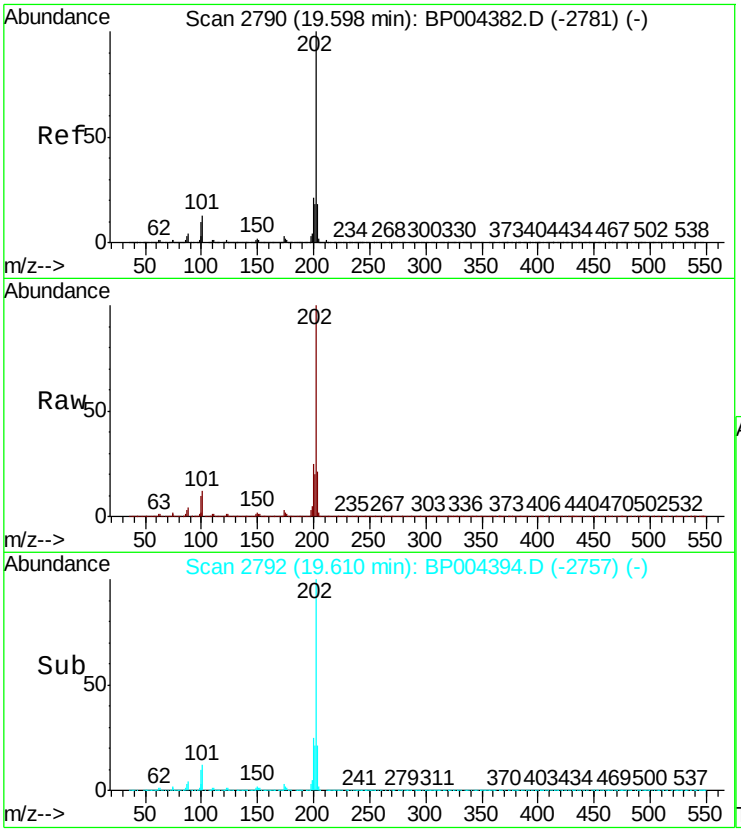


#77
Fluoranthene
Concen: 146.139 ng/ul
RT: 19.26 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:202 Resp:12730326

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.0	12.0
100	7.8	6.2	9.4



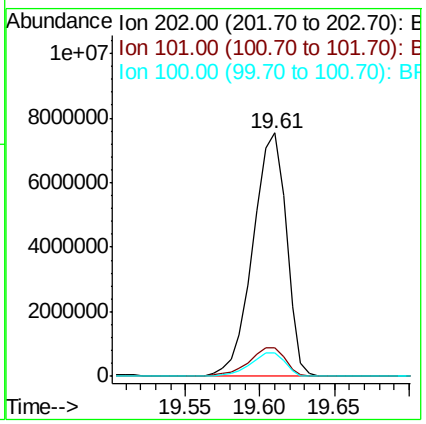


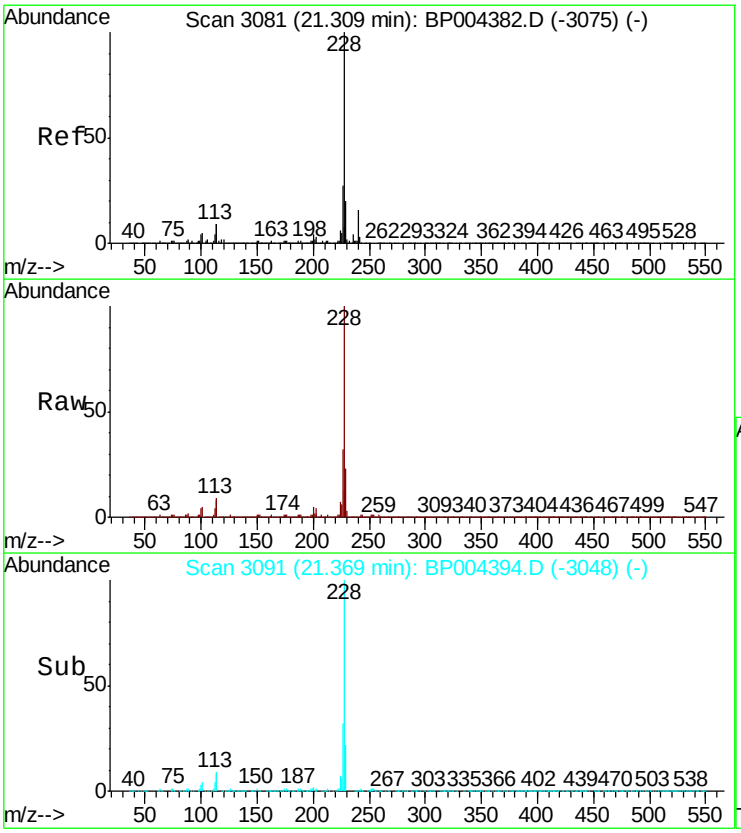
#80
Pyrene
Concen: 140.523 ng/ul
RT: 19.61 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:202 Resp:11629757

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
100	9.6	8.0	12.0

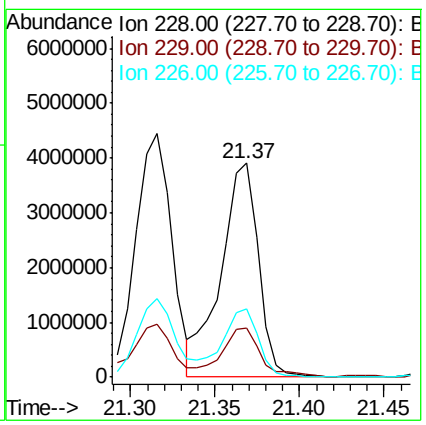


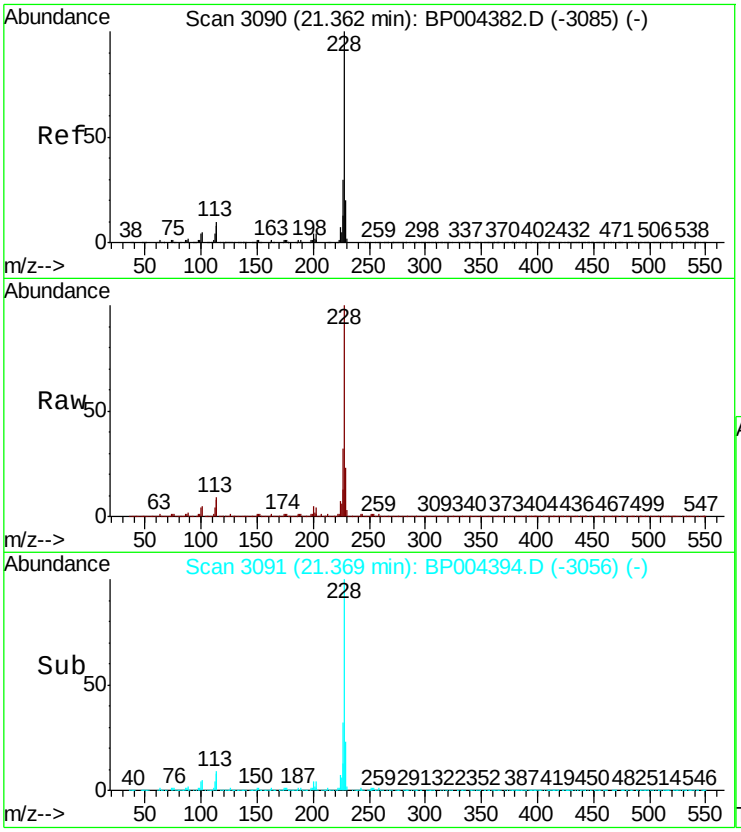


#83
Benzo(a)anthracene
Concen: 73.155 ng/ul
RT: 21.37 min Scan# 3091
Delta R.T. 0.05 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:228 Resp: 5992155

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.4	23.2
226	31.9	21.6	32.4



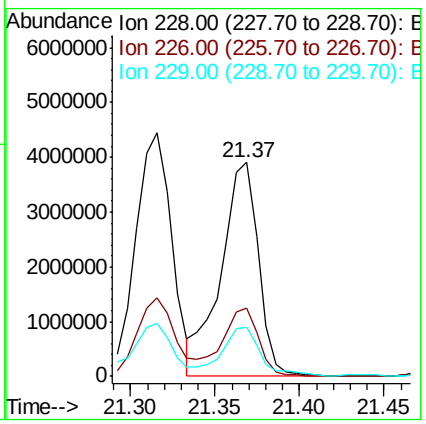


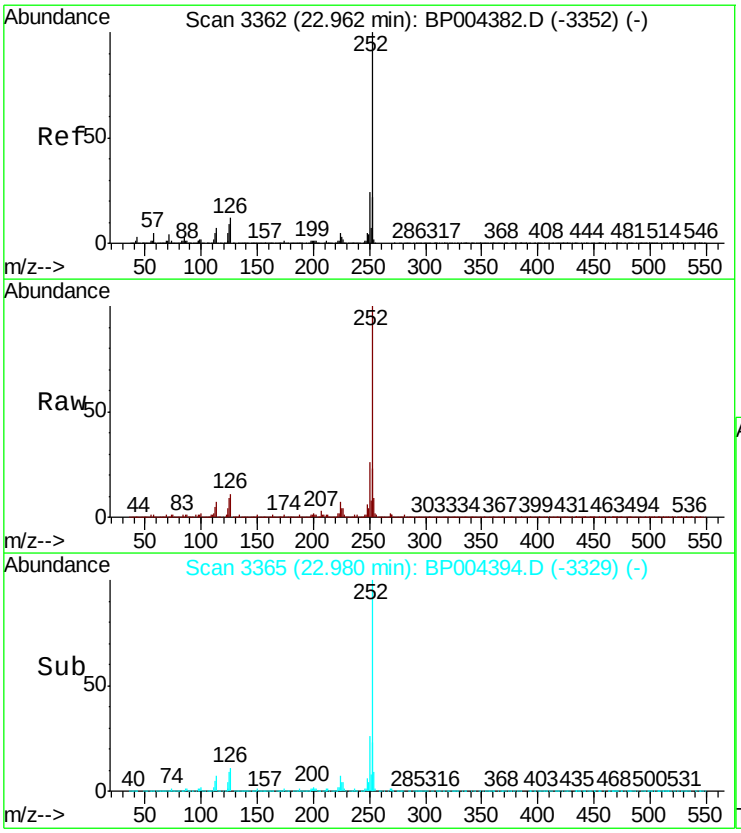
#85
Chrysene
Concen: 76.173 ng/ul
RT: 21.37 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:228 Resp: 6024041

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.2	36.4
229	23.1	15.8	23.6

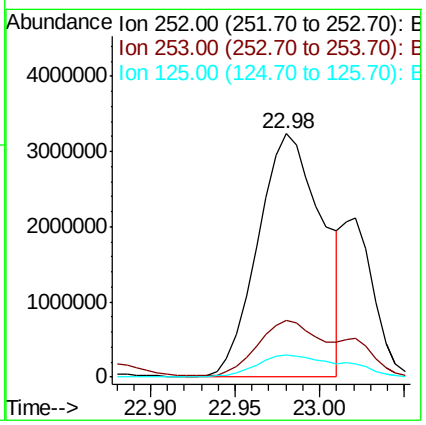


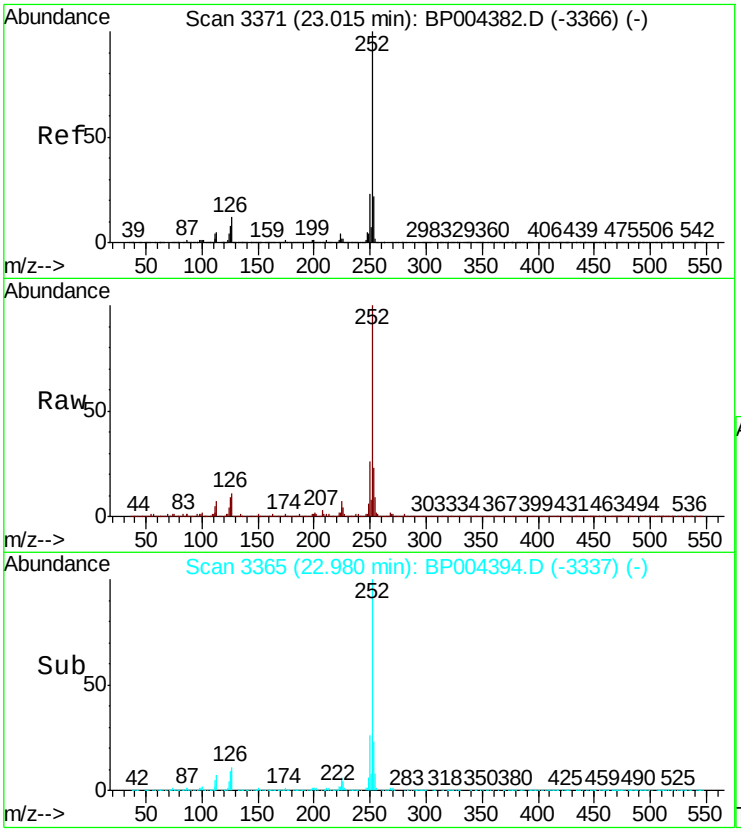


#88
Benzo(b)fluoranthene
Concen: 93.705 ng/ul
RT: 22.98 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:252 Resp: 8516312

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	9.2	7.2	10.8



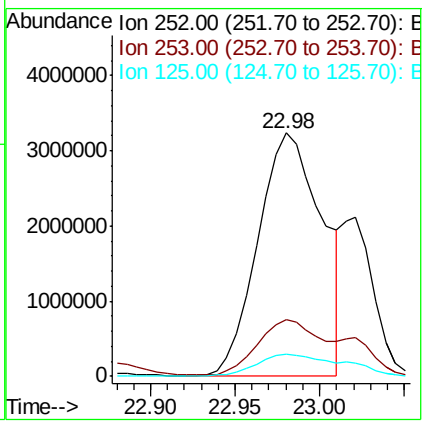


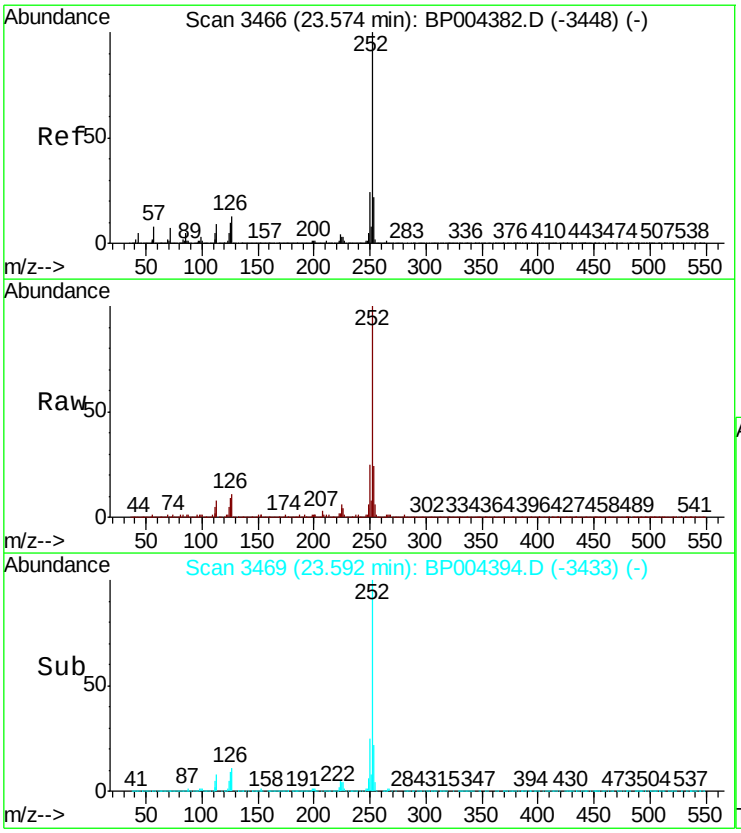
#89
Benzo(k)fluoranthene
Concen: 96.580 ng/ul
RT: 22.98 min Scan# 3365
Delta R.T. -0.04 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:252 Resp: 8516312

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	9.2	7.2	10.8

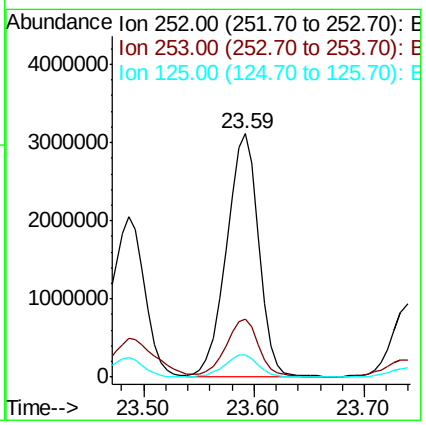


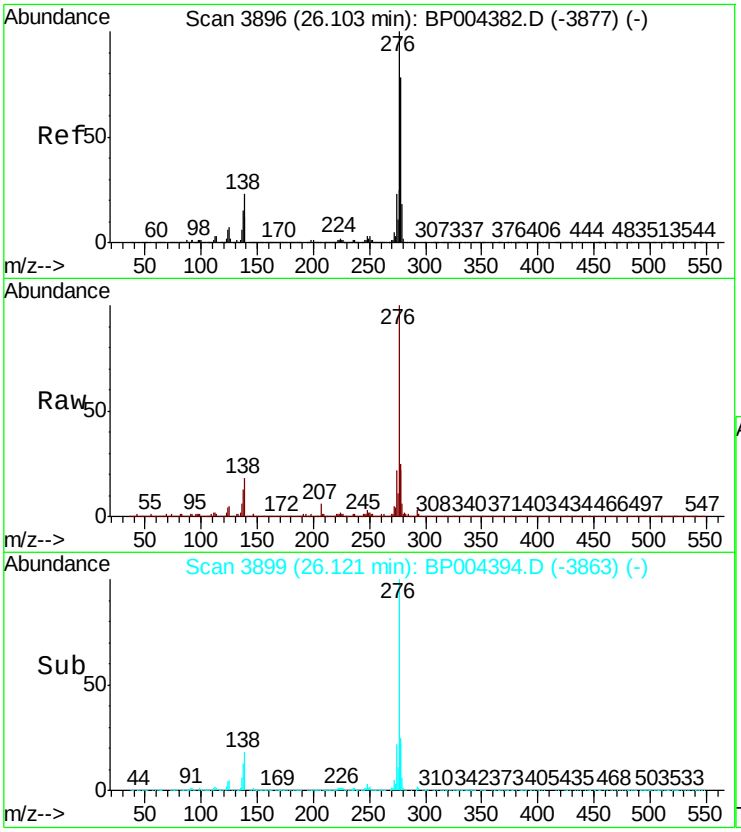


#91
Benzo(a)pyrene
Concen: 74.927 ng/ul
RT: 23.59 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:252 Resp: 6281166

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	9.2	8.1	12.1



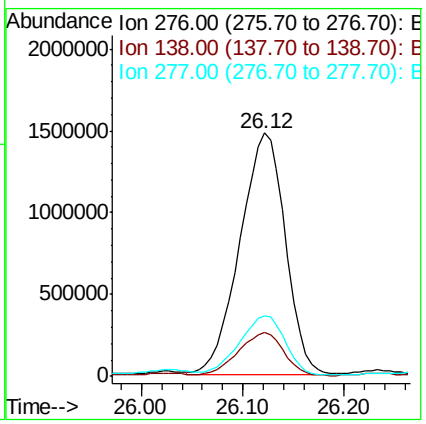


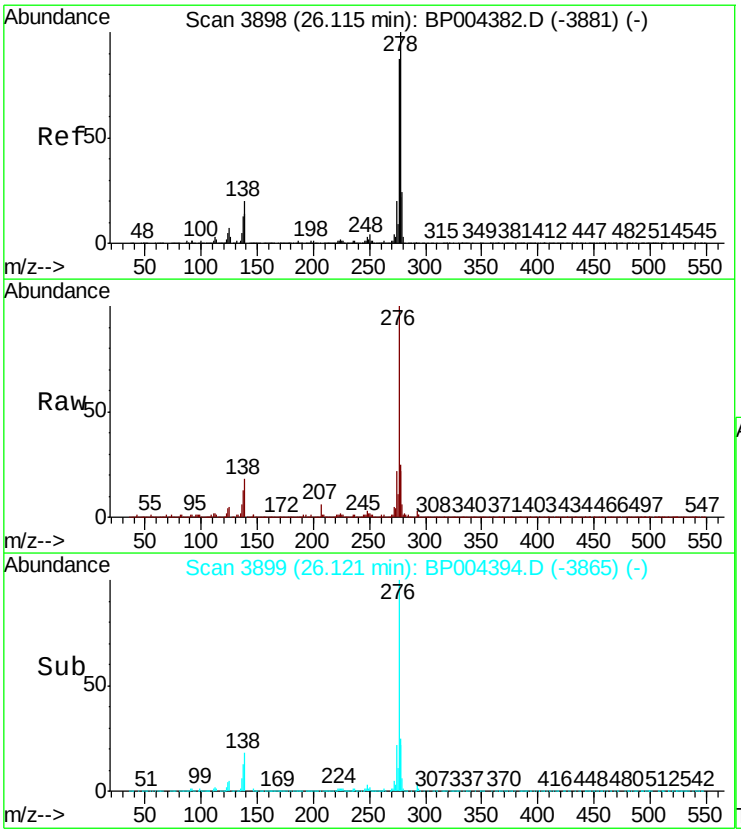
#92
Indeno(1,2,3-cd)pyrene
Concen: 43.501 ng/ul
RT: 26.12 min Scan# 3899
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:276 Resp: 4607707

Ion	Ratio	Lower	Upper
276	100		
138	18.0	17.9	26.9
277	25.1	20.3	30.5

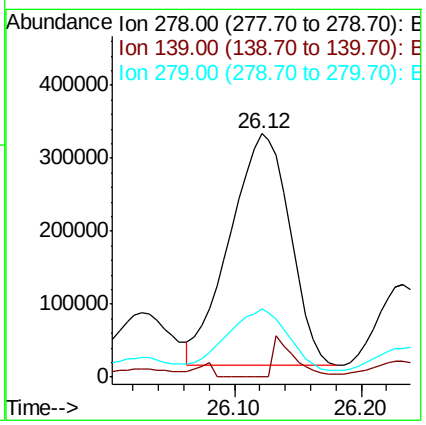


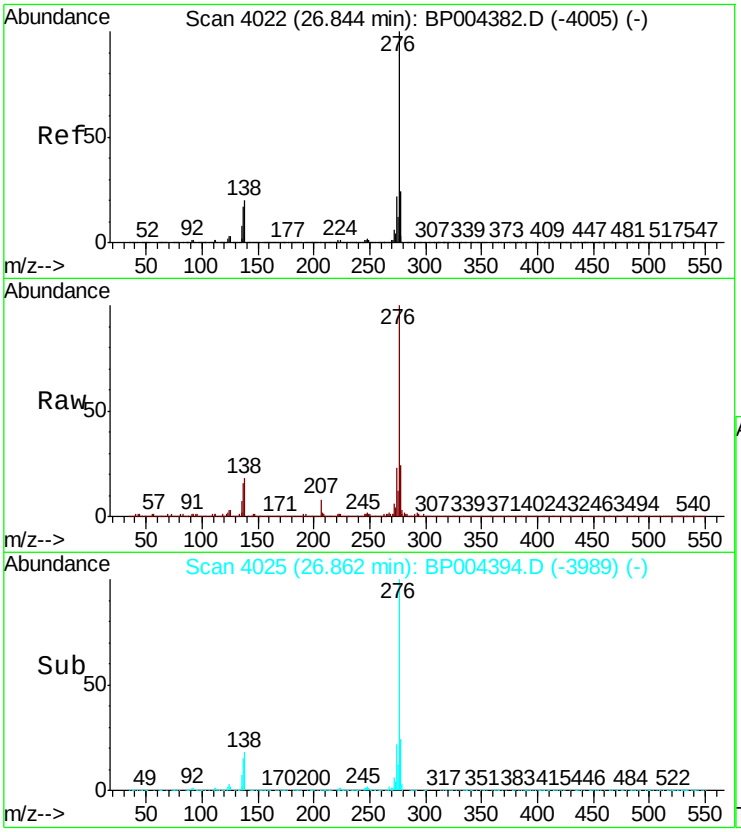


#93
Dibenzo(a,h)anthracene
Concen: 11.924 ng/ul
RT: 26.12 min Scan# 3899
Delta R.T. -0.00 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Tgt Ion:278 Resp: 1051856

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.4	17.2#
279	27.9	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 42.686 ng/ul
RT: 26.86 min Scan# 4025
Delta R.T. 0.01 min
Lab File: BP004394.D
Acq: 19 Dec 2020 15:04

Instrument :
BNA_P
ClientSampleId :
BFN58

Tgt Ion:276 Resp: 3793131

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.8	23.6
277	24.2	18.7	28.1