Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\

Quantitation Report (Not Reviewed)

Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT8

Quant Time: Mar 03 01:08:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	100910	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	450527	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	281378	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	579253	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	503679	20.00	ng/ul	0.01
86) Perylene-d12	23.09	264	536961	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	4582	1.87	ng/uL	0.01
5) Phenol-d5	6.58	99	102975	12.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	73524	12.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	83756	12.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	80505	11.79	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	39158	11.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	44312	12.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	84645	12.21	ng/ul	0.01
29) 4-Chloroaniline-d4	10.30	131	22454	2.88	ng/ul	0.03
44) Dimethylphthalate-d6	13.44	166	272627	12.97	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	316865	12.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	32701	8.52	ng/ul	0.02
58) Fluorene-d10	15.02	176	235725	12.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	31093	8.64	ng/ul	0.00
71) Anthracene-d10	16.87	188	357206	13.45	ng/ul	0.00
79) Pyrene-d10	19.17	212	369846	14.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	356097	13.28	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.61	94	12364	1.344	ng/ul#	80
14) Acetophenone	8.20	105	17649	1.586	ng/ul	94
28) Naphthalene	10.16	128	46547	1.916	ng/ul#	95
34) 2-Methylnaphthalene	11.79	142	72974	4.326	ng/ul	94
41) 1,1'-Biphenyl	12.83	154	21906	1.014	ng/ul	99
45) Dimethylphthalate	13.49	163	36824	1.679	ng/ul	98
48) Acenaphthylene	13.72	152	315865	11.790	ng/ul	99
54) Dibenzofuran	14.42	168	137445	5.332	ng/ul	97
59) Fluorene	15.07	166	276895	12.799	ng/ul	98
70) Phenanthrene	16.81	178	722192	21.846	ng/ul	98
72) Anthracene	16.92	178	9916460	293.435	ng/ul	98
75) Carbazole	17.19	167	1679543	56.436	ng/ul	99
77) Fluoranthene	18.84	202	1163159	30.038	ng/ul	99
80) Pyrene	19.21	202	1577622	43.445	ng/ul	97
83) Benzo(a)anthracene	20.99	228	2194069	63.388	ng/ul	92
85) Chrysene	21.02	228	1285128	37.713	ng/ul	95
88) Benzo(b)fluoranthene	22.50	252	9262842	266.063	ng/ul	96
89) Benzo(k)fluoranthene	22.50	252	9262842	280.990	ng/ul	98
91) Benzo(a)pyrene	23.02	252	3329220	106.323	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.14	276	2316835	62.321	ng/ul	94
93) Dibenzo(a,h)anthracene	25.14	278	672439	21.144	ng/ul#	79
94) Benzo(g,h,i)perylene	25.77	276	1407179	45.142	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\

Quantitation Report (Not Reviewed)

Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT8

Quant Time: Mar 03 01:08:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration

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

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

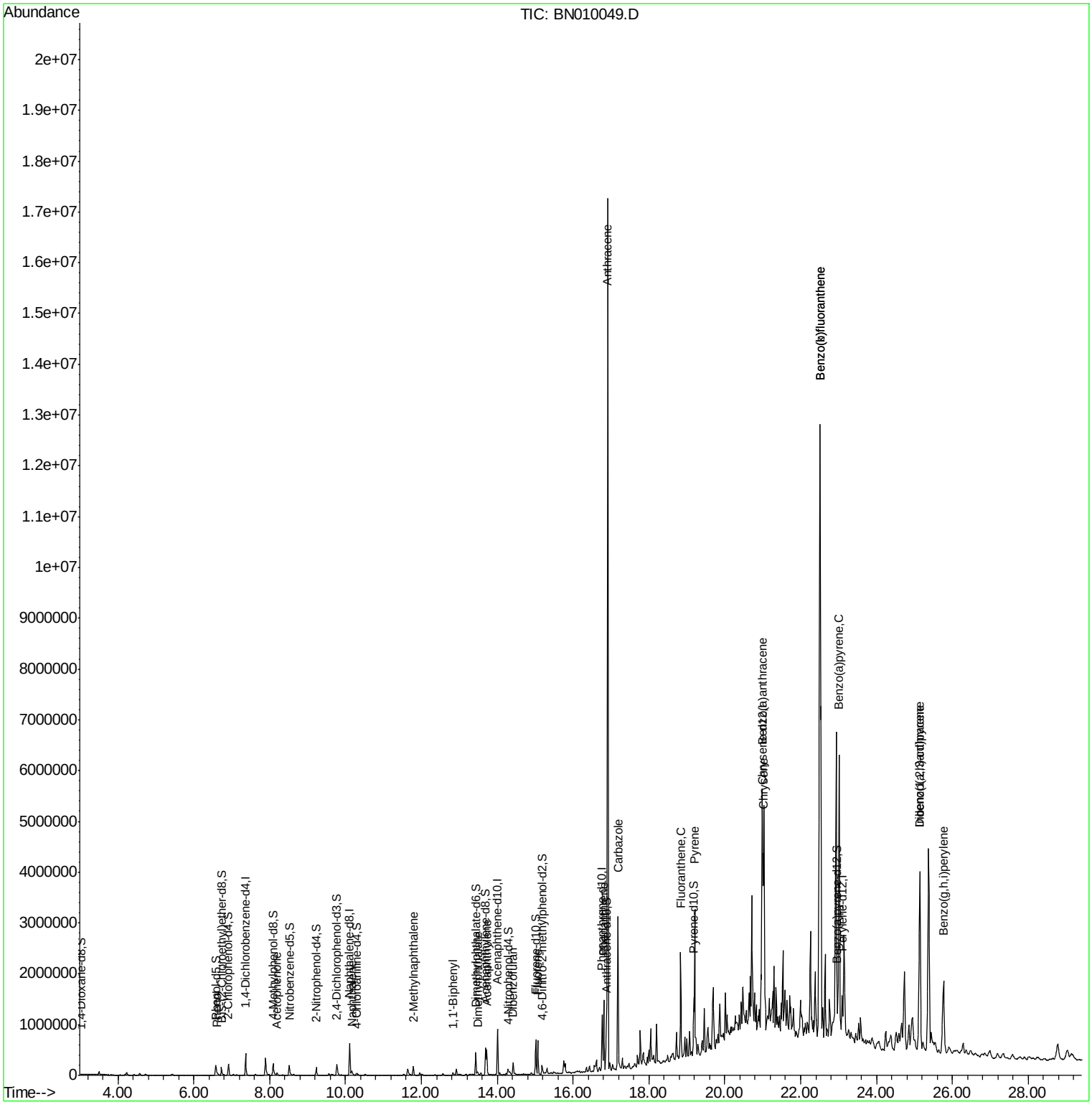
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\

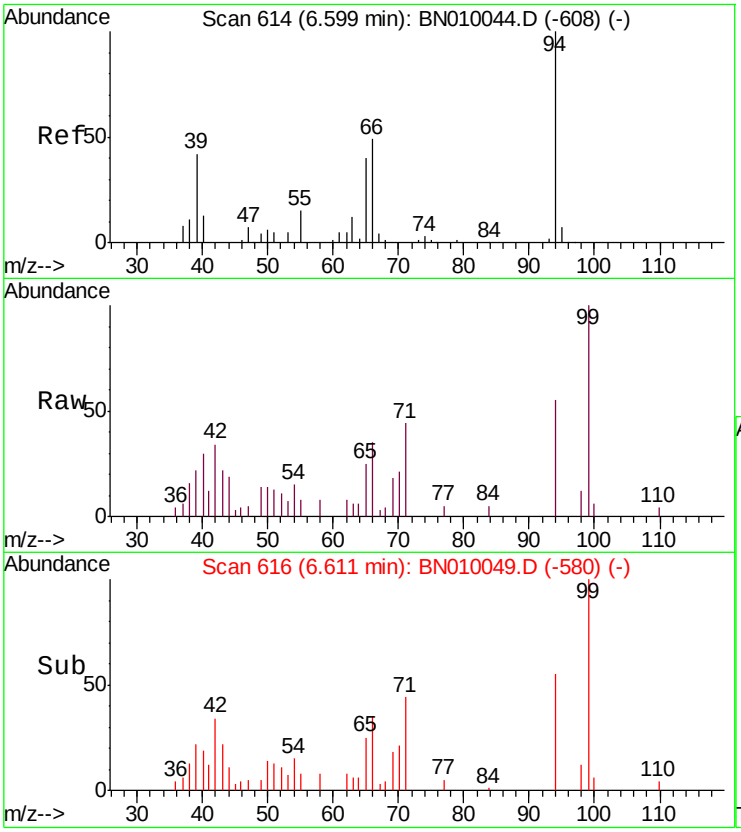
Quantitation Report (Not Reviewed)

Data File : BN010049.D
Acq On : 02 Mar 2020 20:38
Operator : CG/JU
Sample : L1619-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT8

Quant Time: Mar 03 01:08:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration



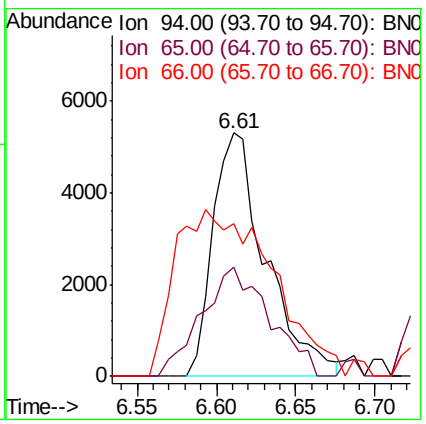


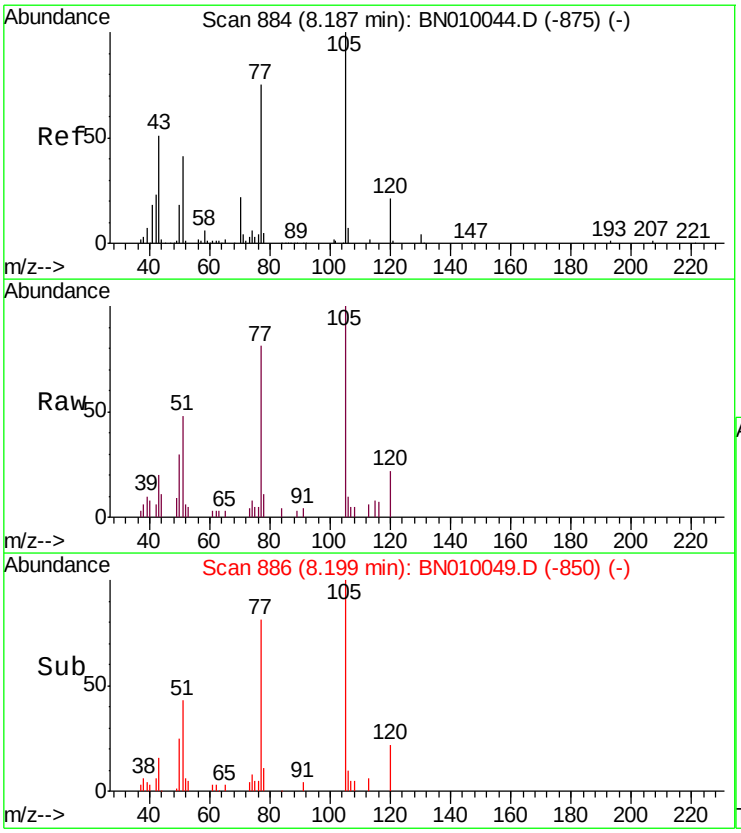
#6
Phenol
Concen: 1.344 ng/ul
RT: 6.61 min Scan# 616
Delta R.T. 0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion: 94 Resp: 12364

Ion	Ratio	Lower	Upper
94	100		
65	44.7	27.6	41.4#
66	62.6	38.5	57.7#

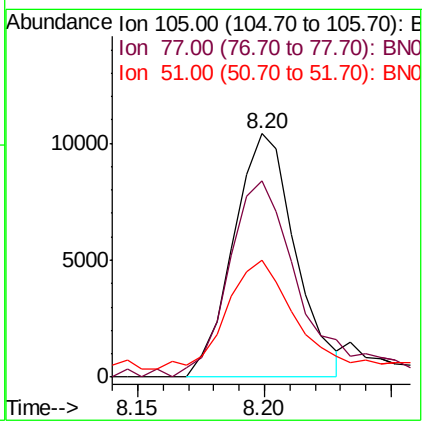


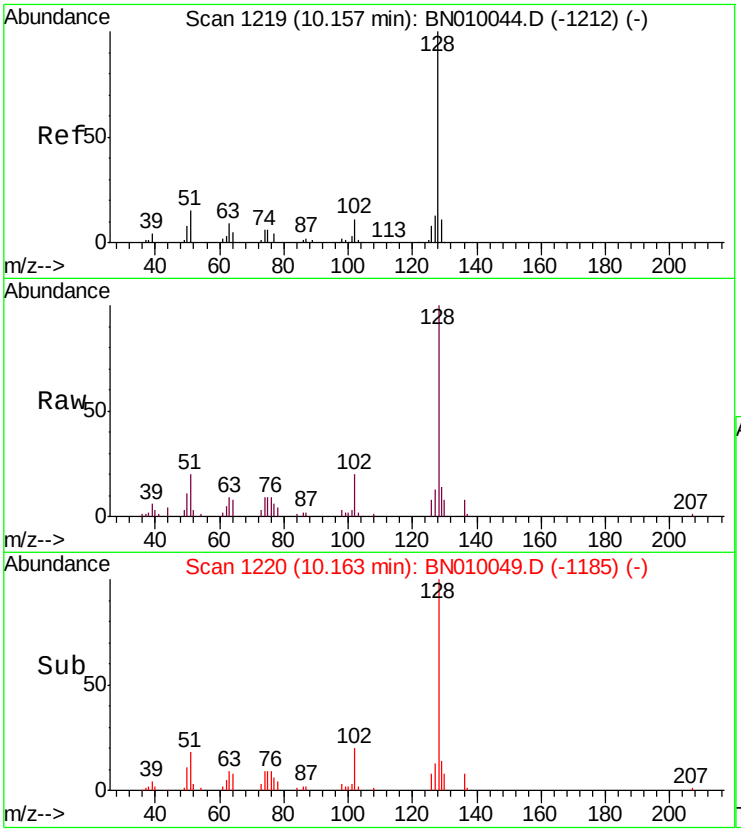


#14
Acetophenone
Concen: 1.586 ng/ul
RT: 8.20 min Scan# 886
Delta R.T. 0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:105 Resp: 17649

Ion	Ratio	Lower	Upper
105	100		
77	80.7	68.9	103.3
51	47.9	35.6	53.4



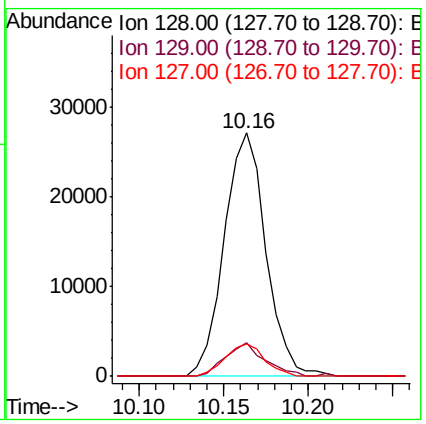


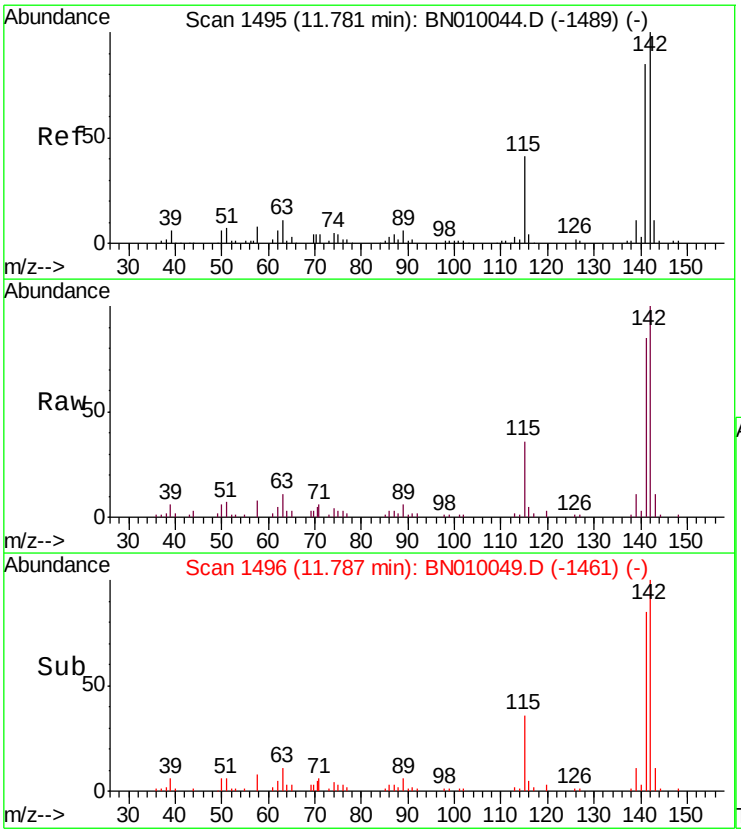
#28
Naphthalene
Concen: 1.916 ng/ul
RT: 10.16 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:128 Resp: 46547

Ion	Ratio	Lower	Upper
128	100		
129	13.9	8.6	13.0#
127	13.5	10.3	15.5

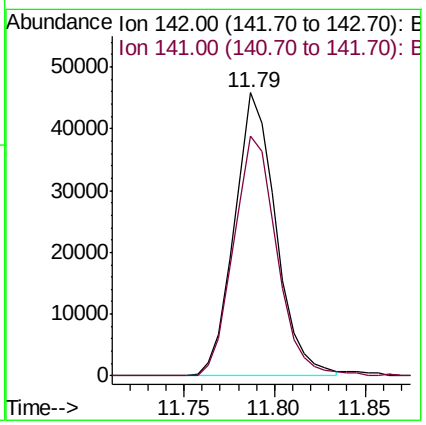


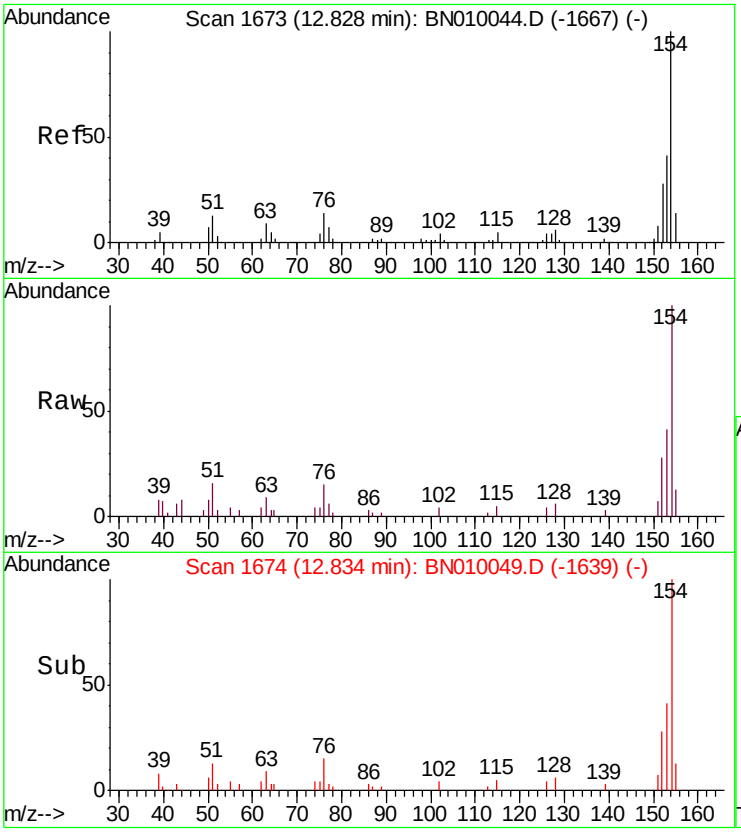


#34
2-Methylnaphthalene
Concen: 4.326 ng/ul
RT: 11.79 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:142 Resp: 72974

Ion	Ratio	Lower	Upper
142	100		
141	84.7	72.1	108.1



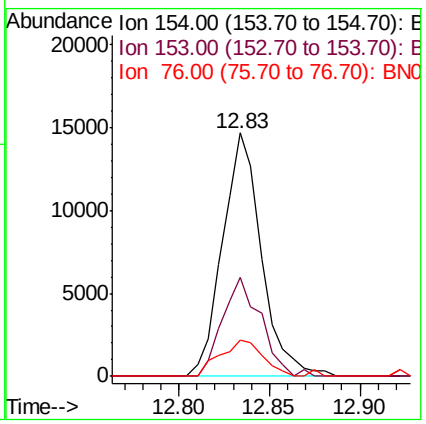


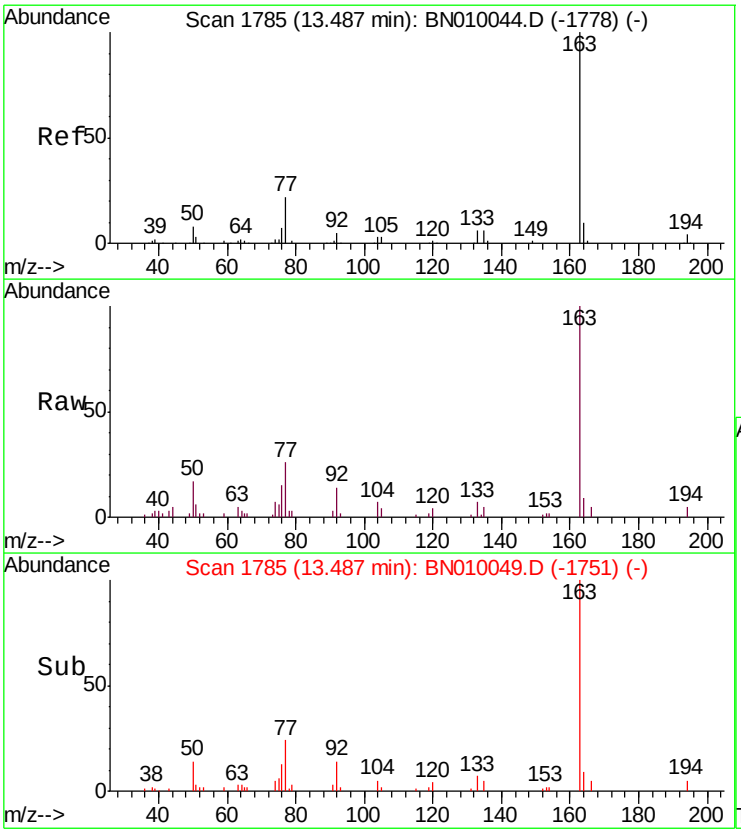
#41
1,1'-Biphenyl
Concen: 1.014 ng/ul
RT: 12.83 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:154 Resp: 21906

Ion	Ratio	Lower	Upper
154	100		
153	40.9	33.2	49.8
76	14.8	11.0	16.4

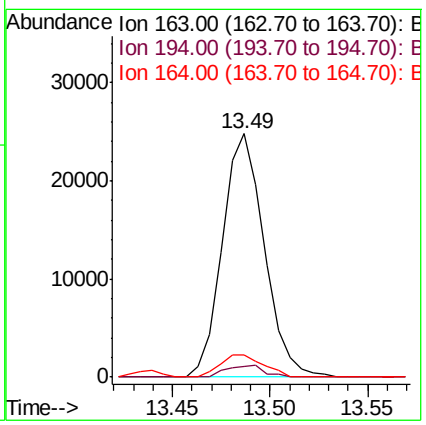


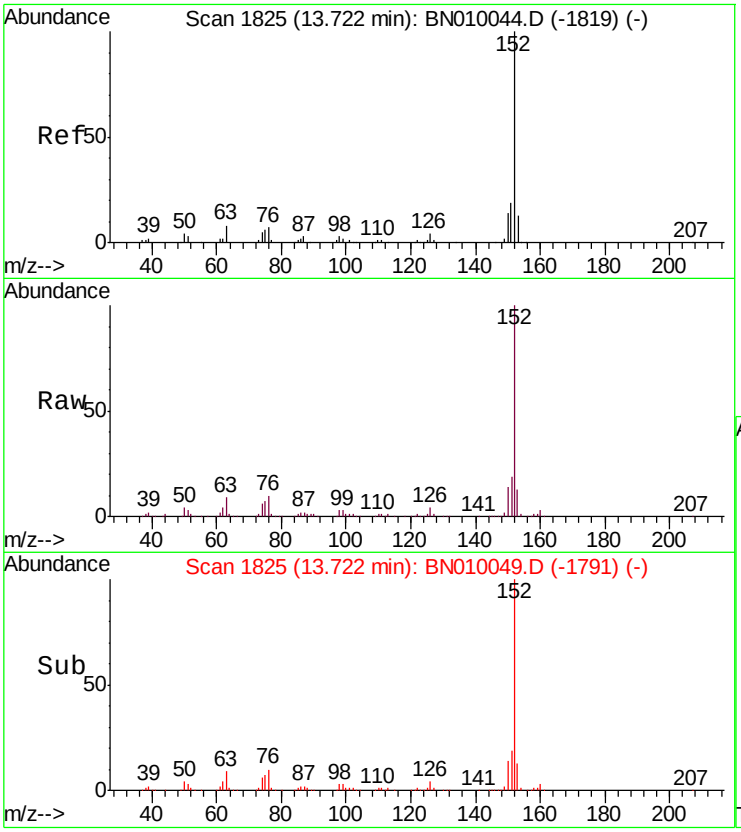


#45
Dimethylphthalate
Concen: 1.679 ng/ul
RT: 13.49 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:163 Resp: 36824

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.0
164	9.3	8.0	12.0



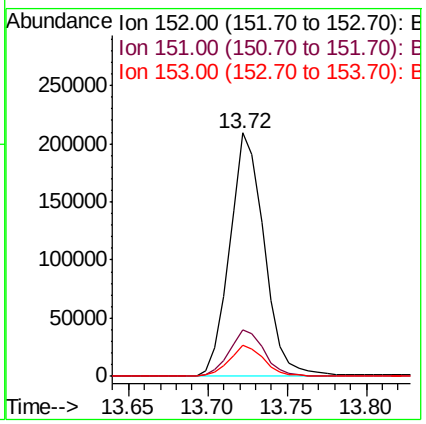


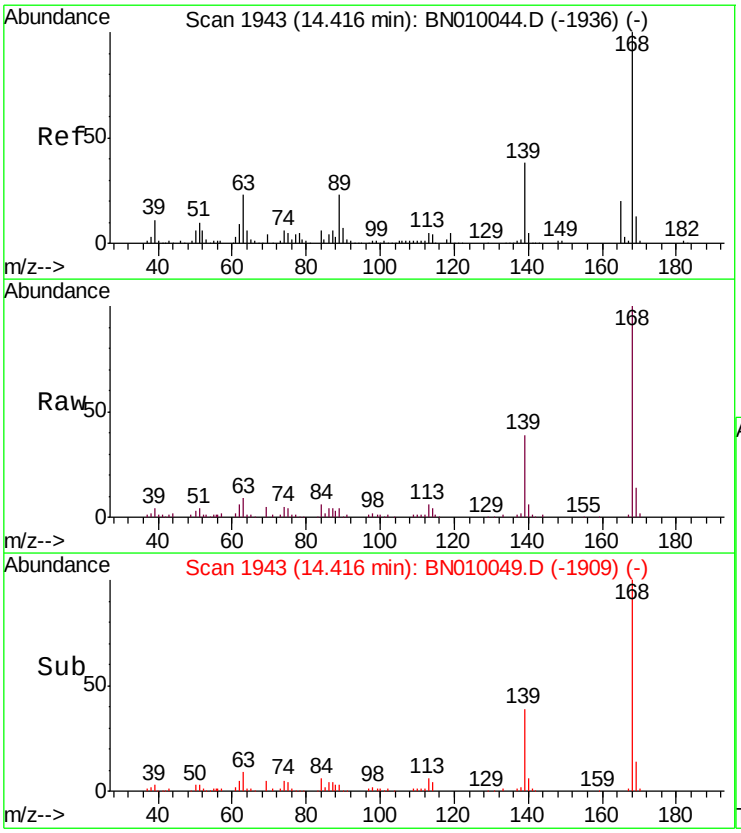
#48
Acenaphthylene
Concen: 11.790 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:152 Resp: 315865

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	12.8	10.3	15.5

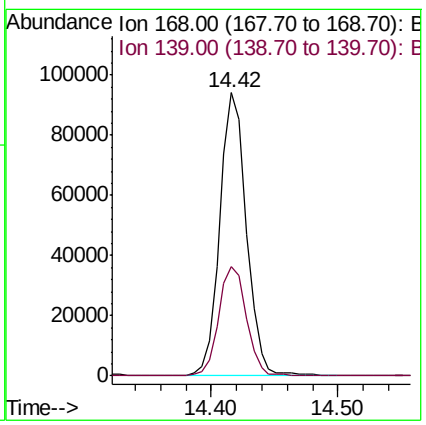


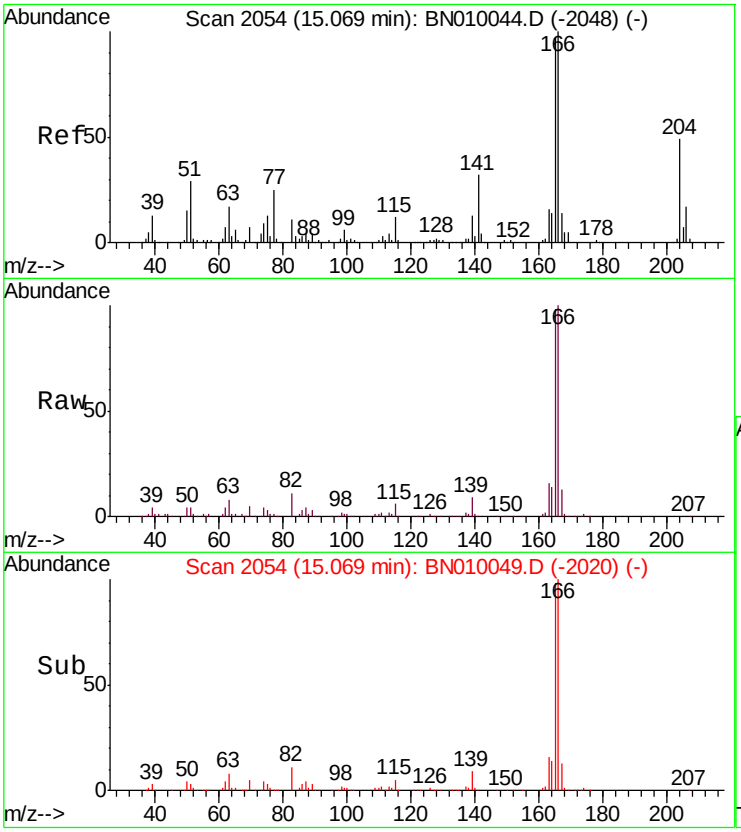


#54
Dibenzofuran
Concen: 5.332 ng/ul
RT: 14.42 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:168 Resp: 137445

Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.7	49.1



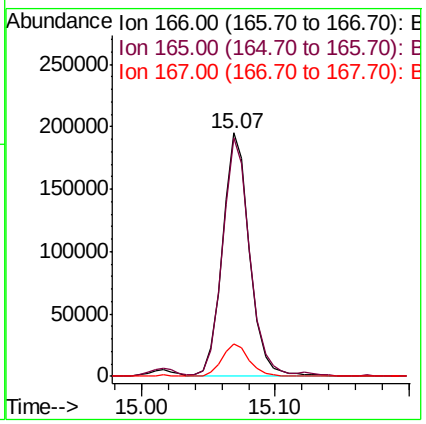


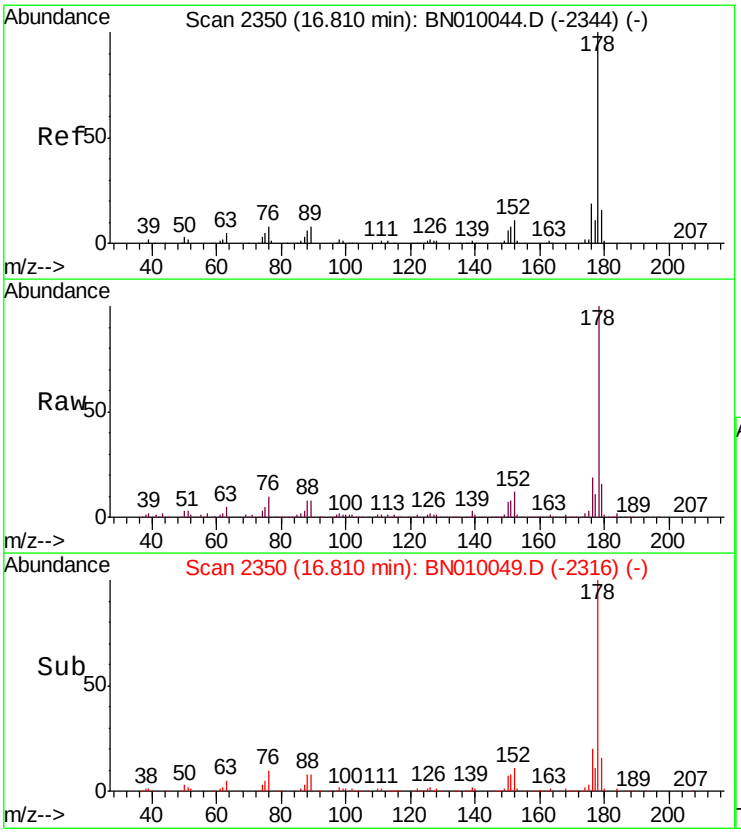
#59
Fluorene
Concen: 12.799 ng/ul
RT: 15.07 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:166 Resp: 276895

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	13.1	10.7	16.1

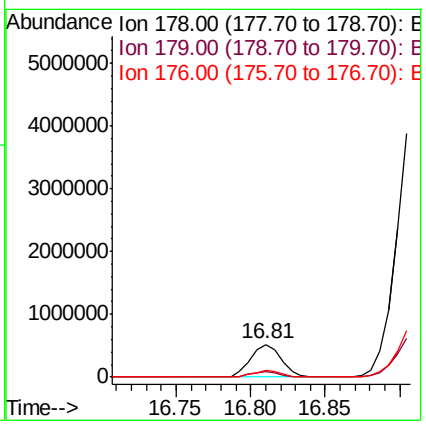


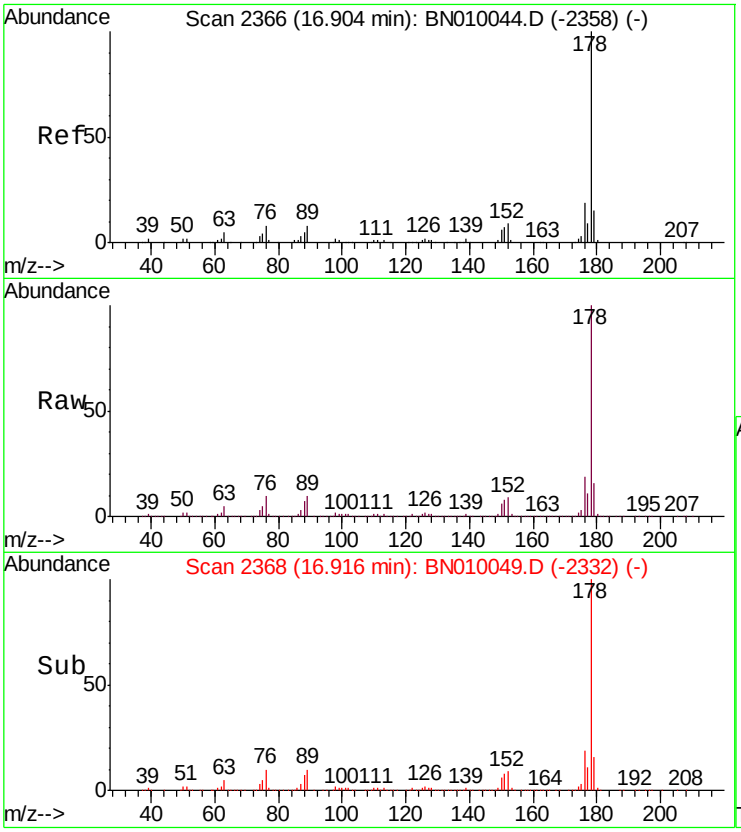


#70
Phenanthrene
Concen: 21.846 ng/ul
RT: 16.81 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:178 Resp: 722192

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.5	14.6	22.0



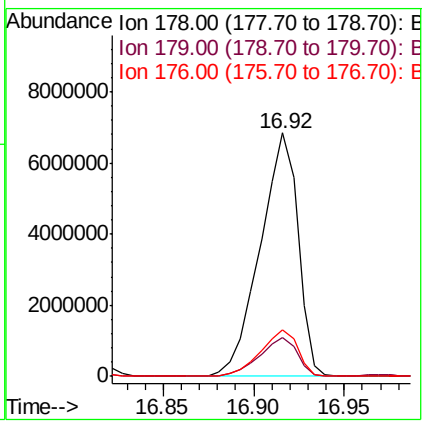


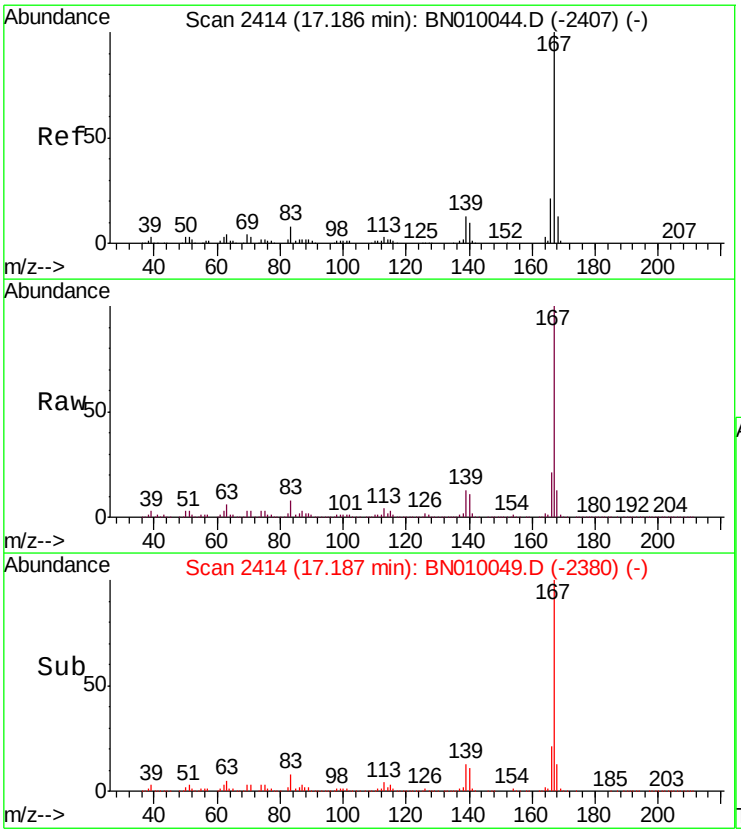
#72
Anthracene
Concen: 293.435 ng/ul
RT: 16.92 min Scan# 2368
Delta R.T. 0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:178 Resp: 9916460

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	19.3	14.6	21.8

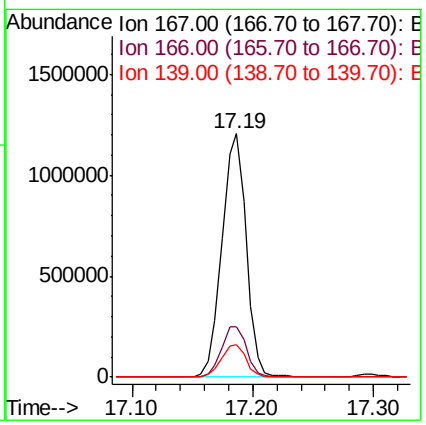


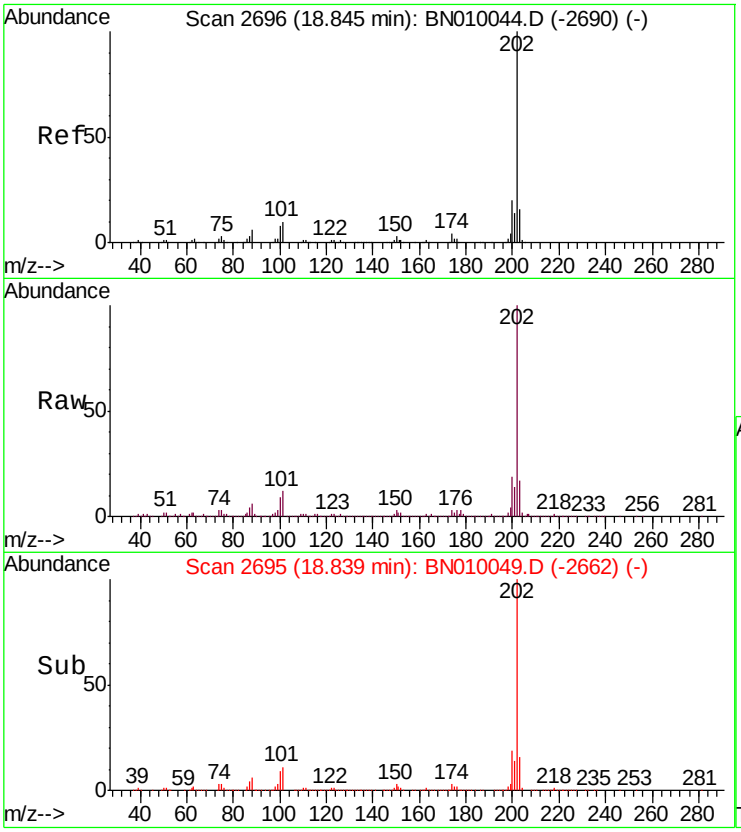


#75
Carbazole
Concen: 56.436 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:167 Resp: 1679543

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.6	24.8
139	13.4	9.9	14.9



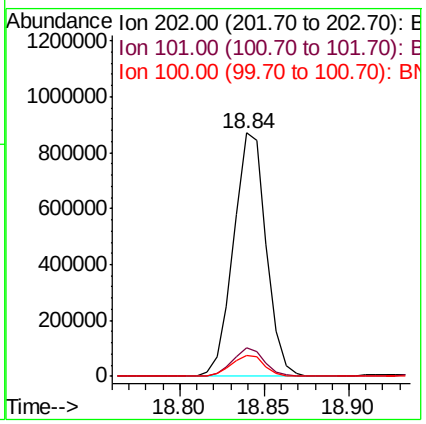


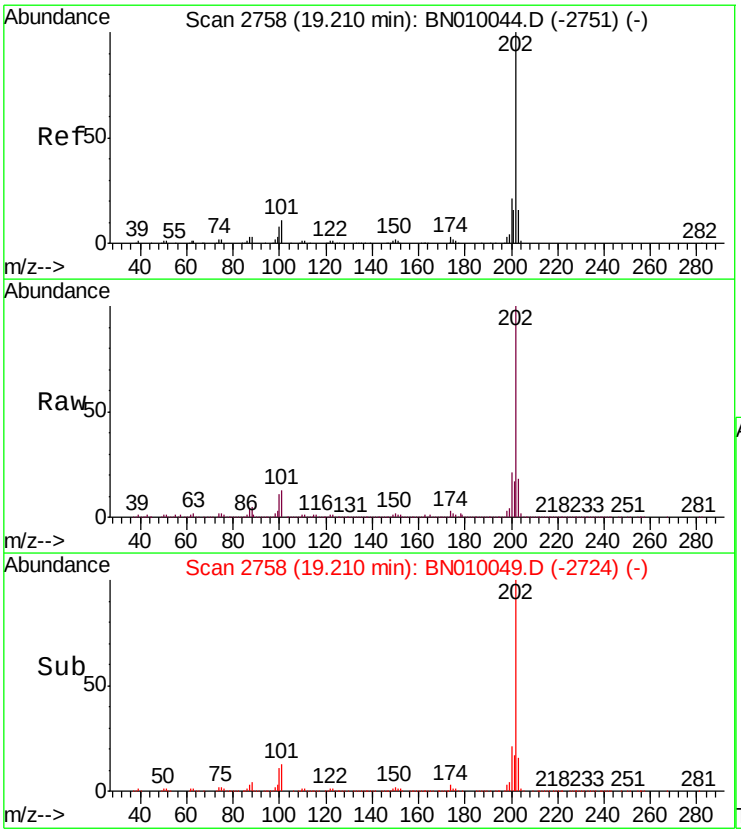
#77
Fluoranthene
Concen: 30.038 ng/ul
RT: 18.84 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:202 Resp: 1163159

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.2
100	8.7	7.2	10.8

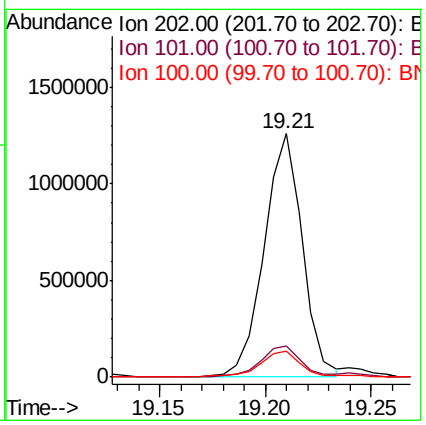


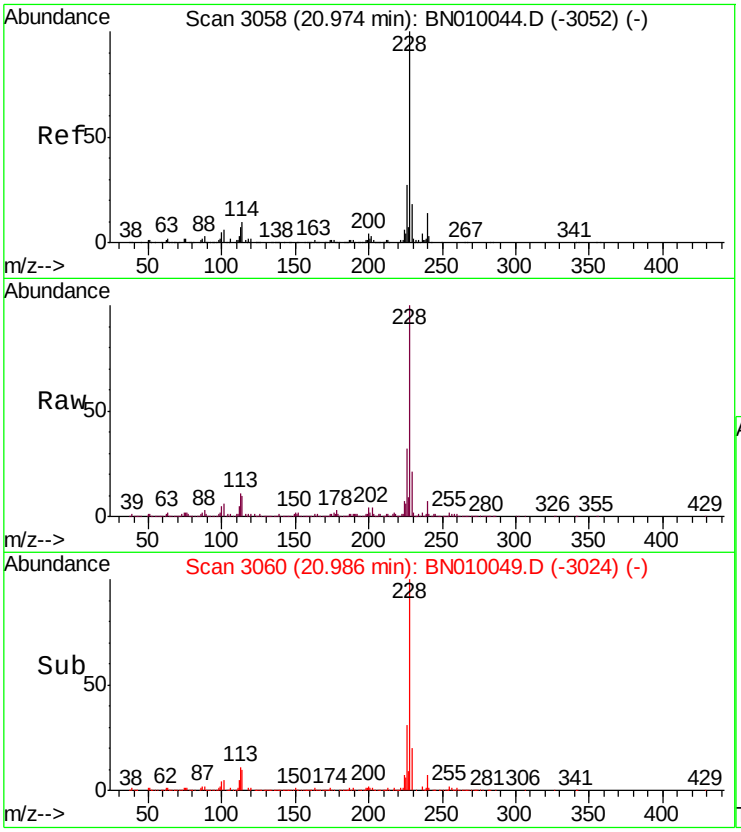


#80
Pyrene
Concen: 43.445 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. 0.00 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:202 Resp: 1577622

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.3	16.9
100	10.5	9.0	13.6



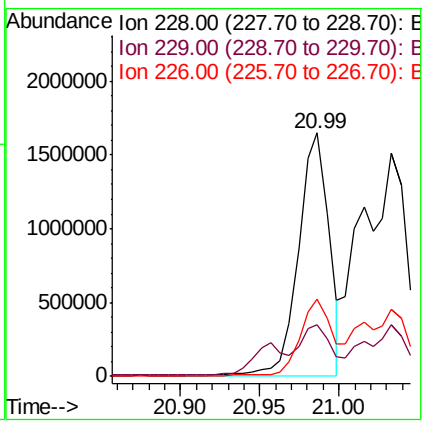


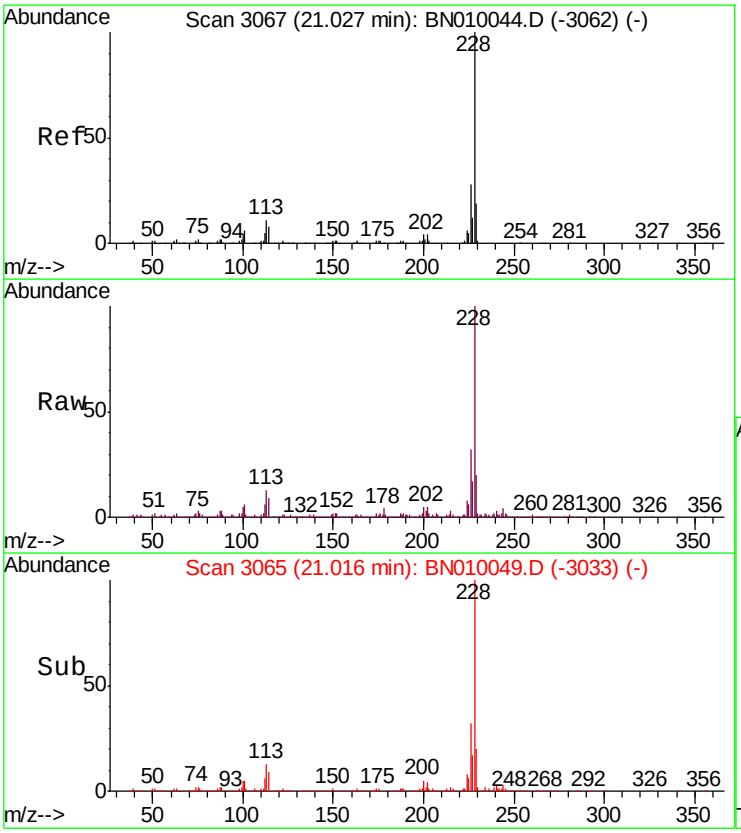
#83
Benzo(a)anthracene
Concen: 63.388 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. 0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:228 Resp: 2194069

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.0	22.4
226	31.5	21.4	32.2

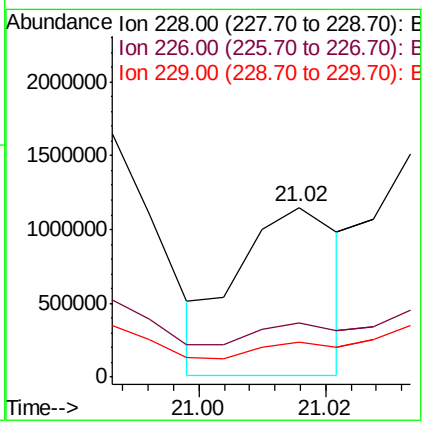


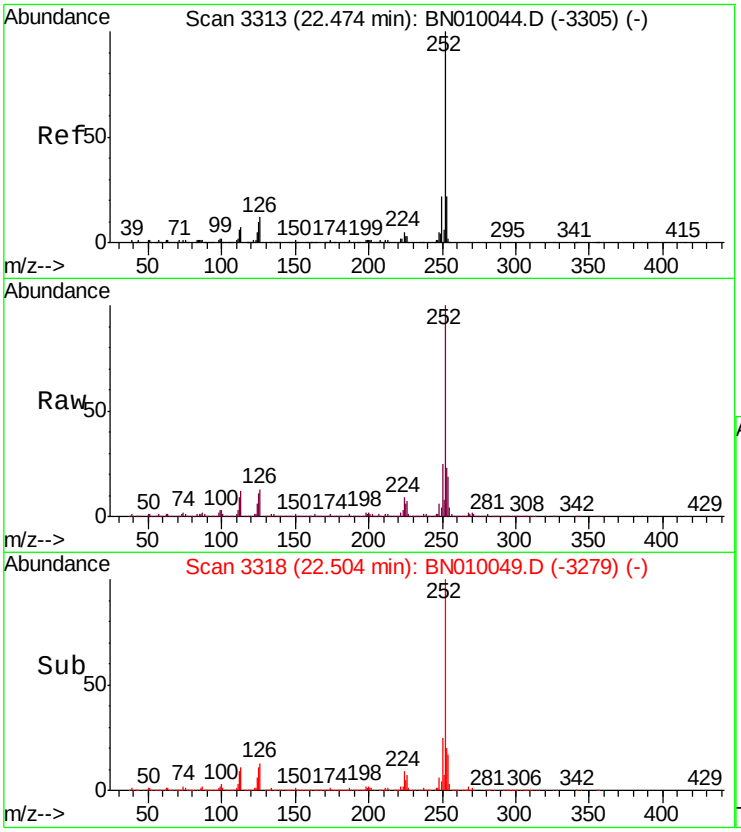


#85
Chrysene
Concen: 37.713 ng/ul
RT: 21.02 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:228 Resp: 1285128

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.2
229	20.5	15.0	22.4



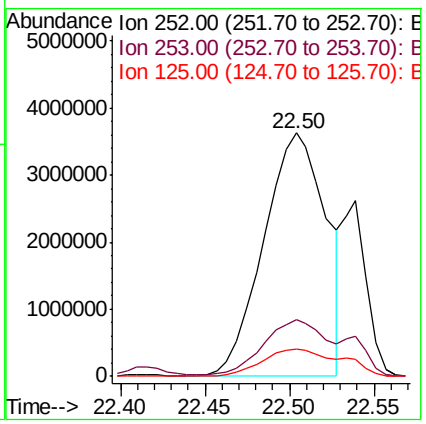


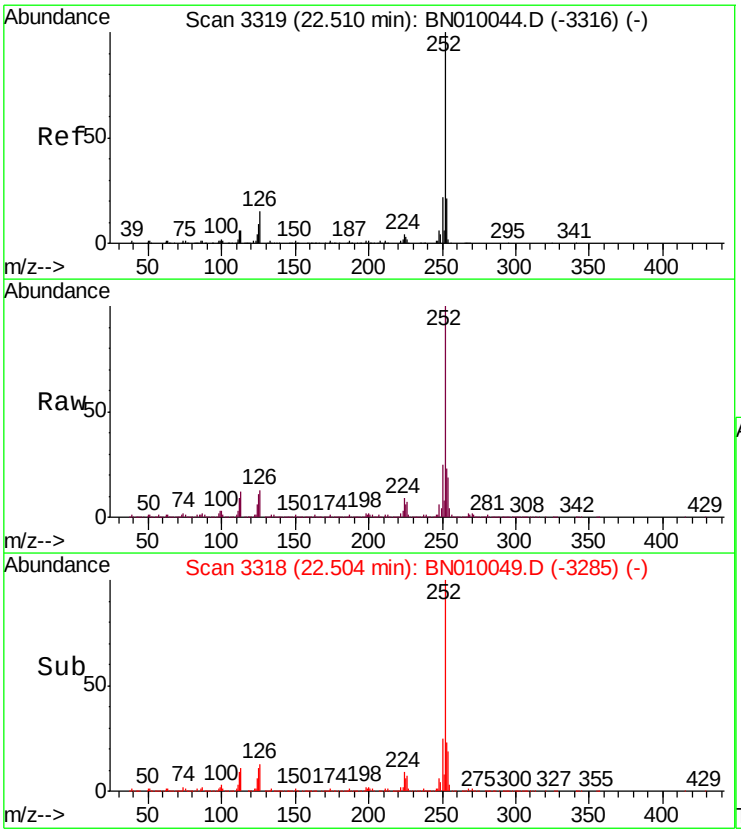
#88
Benzo(b)fluoranthene
Concen: 266.063 ng/ul
RT: 22.50 min Scan# 3318
Delta R.T. 0.03 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:252 Resp: 9262842

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.4
125	11.3	8.0	12.0

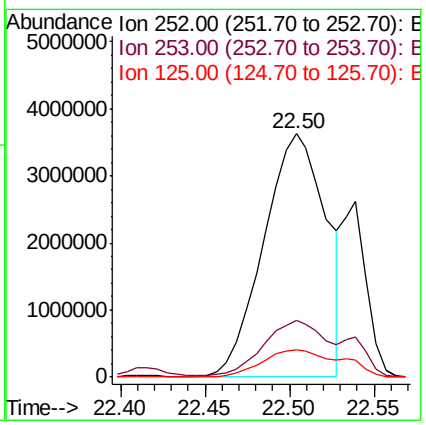


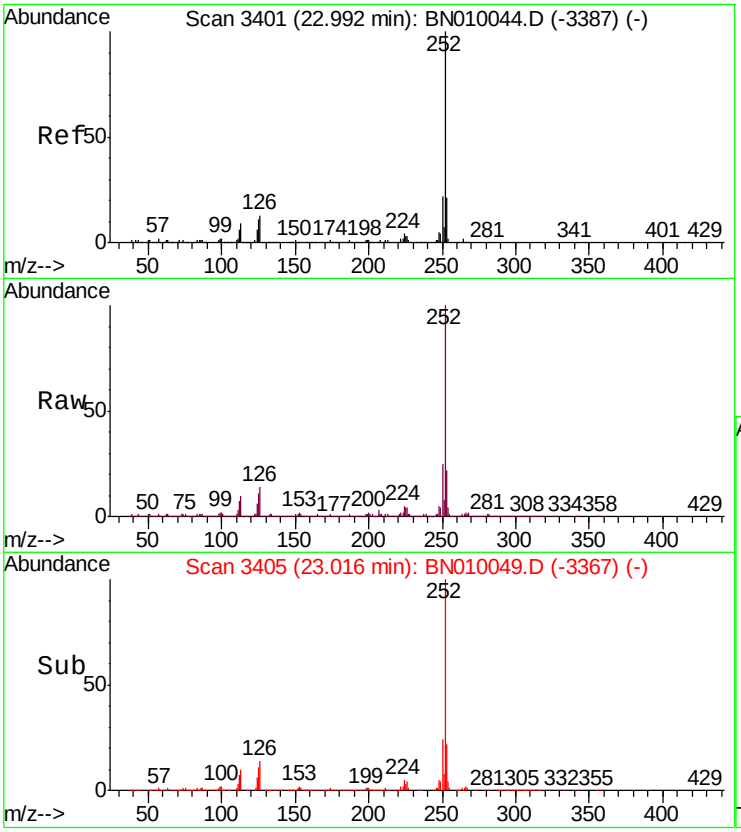


#89
Benzo(k)fluoranthene
Concen: 280.990 ng/ul
RT: 22.50 min Scan# 3318
Delta R.T. -0.01 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:252 Resp: 9262842

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	11.3	8.2	12.2



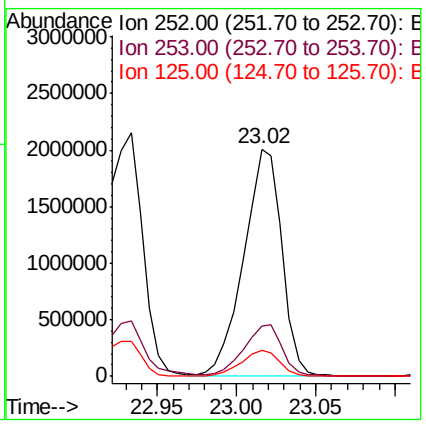


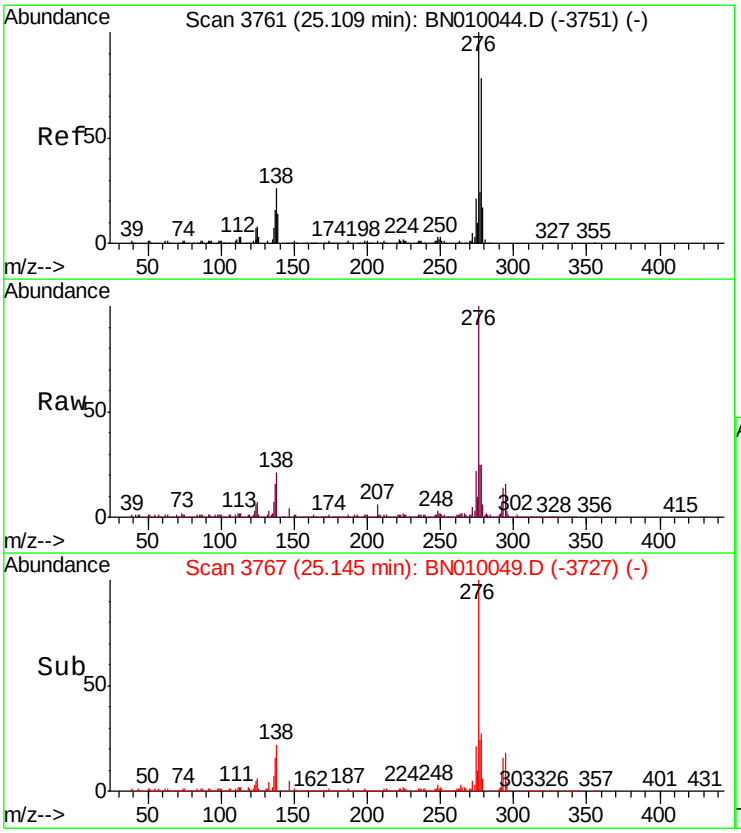
#91
Benzo(a)pyrene
Concen: 106.323 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.02 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:252 Resp: 3329220

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.2	9.0	13.6

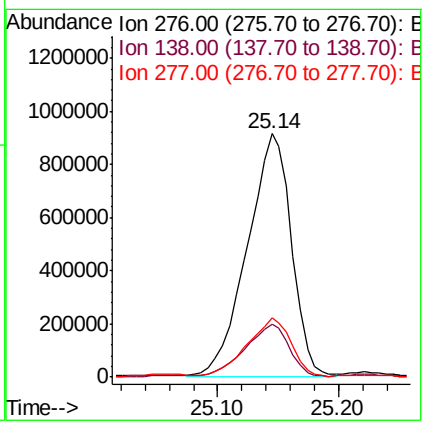


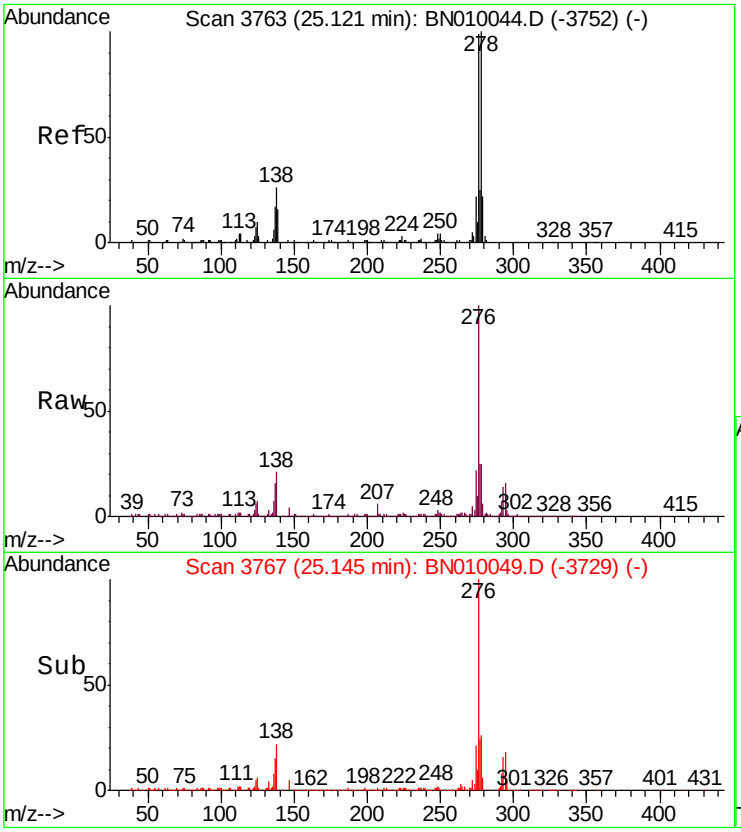


#92
Indeno(1,2,3-cd)pyrene
Concen: 62.321 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. 0.04 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:276 Resp: 2316835

Ion	Ratio	Lower	Upper
276	100		
138	21.5	20.9	31.3
277	24.5	18.2	27.4



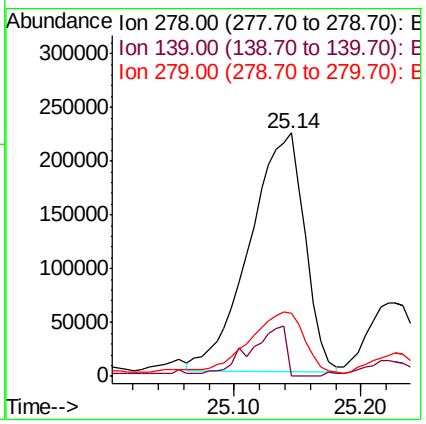


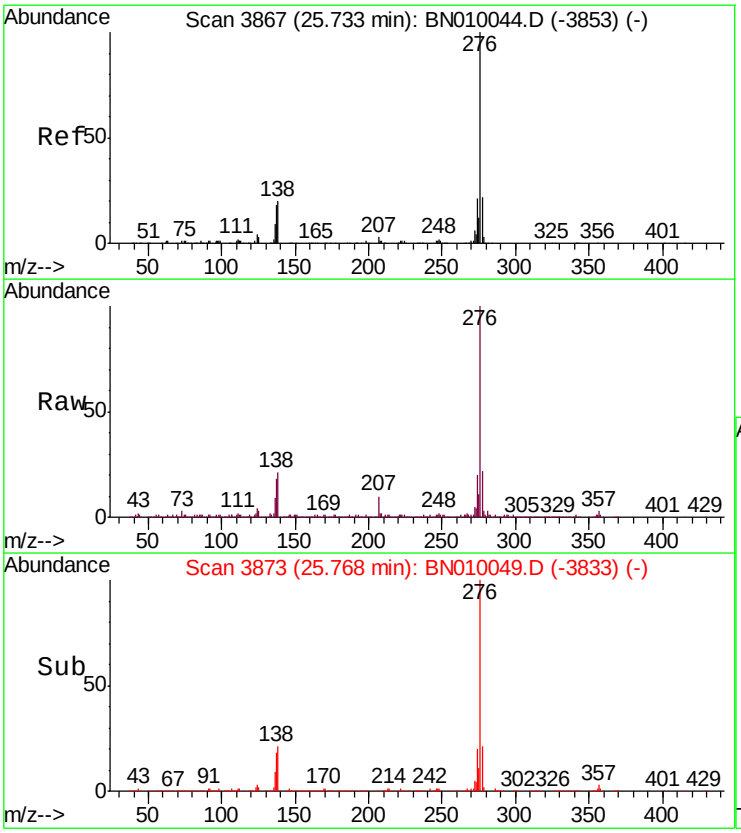
#93
Dibenzo(a,h)anthracene
Concen: 21.144 ng/ul
RT: 25.14 min Scan# 3767
Delta R.T. 0.02 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Instrument :
BNA_N
ClientSampleId :
DBDT8

Tgt Ion:278 Resp: 672439

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	26.0	17.5	26.3





#94
Benzo(g,h,i)perylene
Concen: 45.142 ng/ul
RT: 25.77 min Scan# 3873
Delta R.T. 0.04 min
Lab File: BN010049.D
Acq: 02 Mar 2020 20:38

Tgt Ion:276 Resp: 1407179

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.5	26.3
277	22.0	18.1	27.1