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

Quantitation Report (Not Reviewed)

Data File : BN010048.D
Acq On : 02 Mar 2020 20:01
Operator : CG/JU
Sample : L1619-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7MSD

Quant Time: Mar 03 01:08:14 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	91030	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	411904	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	267805	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	574637	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	510139	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	529467	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	3815	1.72	ng/uL	0.01
5) Phenol-d5	6.58	99	80765	10.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	60590	11.34	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	65068	11.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	57556	9.34	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	31160	10.34	ng/ul	0.01
22) 2-Nitrophenol-d4	9.23	143	34679	10.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	62455	9.85	ng/ul	0.02
29) 4-Chloroaniline-d4	10.29	131	63109	8.86	ng/ul	0.02
44) Dimethylphthalate-d6	13.44	166	221971	11.10	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	252962	10.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	24616	6.74	ng/ul	0.02
58) Fluorene-d10	15.02	176	199819	11.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	23400	6.56	ng/ul	0.00
71) Anthracene-d10	16.87	188	302316	11.48	ng/ul	0.00
79) Pyrene-d10	19.17	212	332285	12.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	322082	12.18	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.60	94	98578	11.881	ng/ul	98
10) 2-Chlorophenol	6.95	128	70803	11.531	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.18	70	64274	12.256	ng/ul	97
33) 4-Chloro-3-methylphenol	11.44	107	85850	11.742	ng/ul	96
45) Dimethylphthalate	13.49	163	28919	1.385	ng/ul	98
48) Acenaphthylene	13.73	152	36325	1.425	ng/ul#	96
50) Acenaphthene	14.07	153	193122	11.048	ng/ul	98
53) 4-Nitrophenol	14.29	109	24576	7.455	ng/ul	96
55) 2,4-Dinitrotoluene	14.43	165	67380	11.126	ng/ul	85
69) Pentachlorophenol	16.44	266	30844	8.389	ng/ul	94
70) Phenanthrene	16.90	178	64421	1.964	ng/ul	97
72) Anthracene	16.90	178	64421	1.922	ng/ul	97
77) Fluoranthene	18.84	202	796147	20.725	ng/ul	99
80) Pyrene	19.20	202	1053571	28.646	ng/ul	98
83) Benzo(a)anthracene	20.97	228	556107	15.863	ng/ul	95
85) Chrysene	21.00	228	577244	16.725	ng/ul	95
88) Benzo(b)fluoranthene	22.47	252	1283574	37.391	ng/ul	96
89) Benzo(k)fluoranthene	22.47	252	1283574	39.489	ng/ul	98
91) Benzo(a)pyrene	22.99	252	507218	16.428	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.11	276	197261	5.381	ng/ul	94
93) Dibenzo(a,h)anthracene	25.10	278	33837	1.079	ng/ul#	80
94) Benzo(g,h,i)perylene	25.73	276	125713	4.090	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data File : BN010048.D
Acq On : 02 Mar 2020 20:01
Operator : CG/JU
Sample : L1619-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7MSD

Quant Time: Mar 03 01:08:14 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

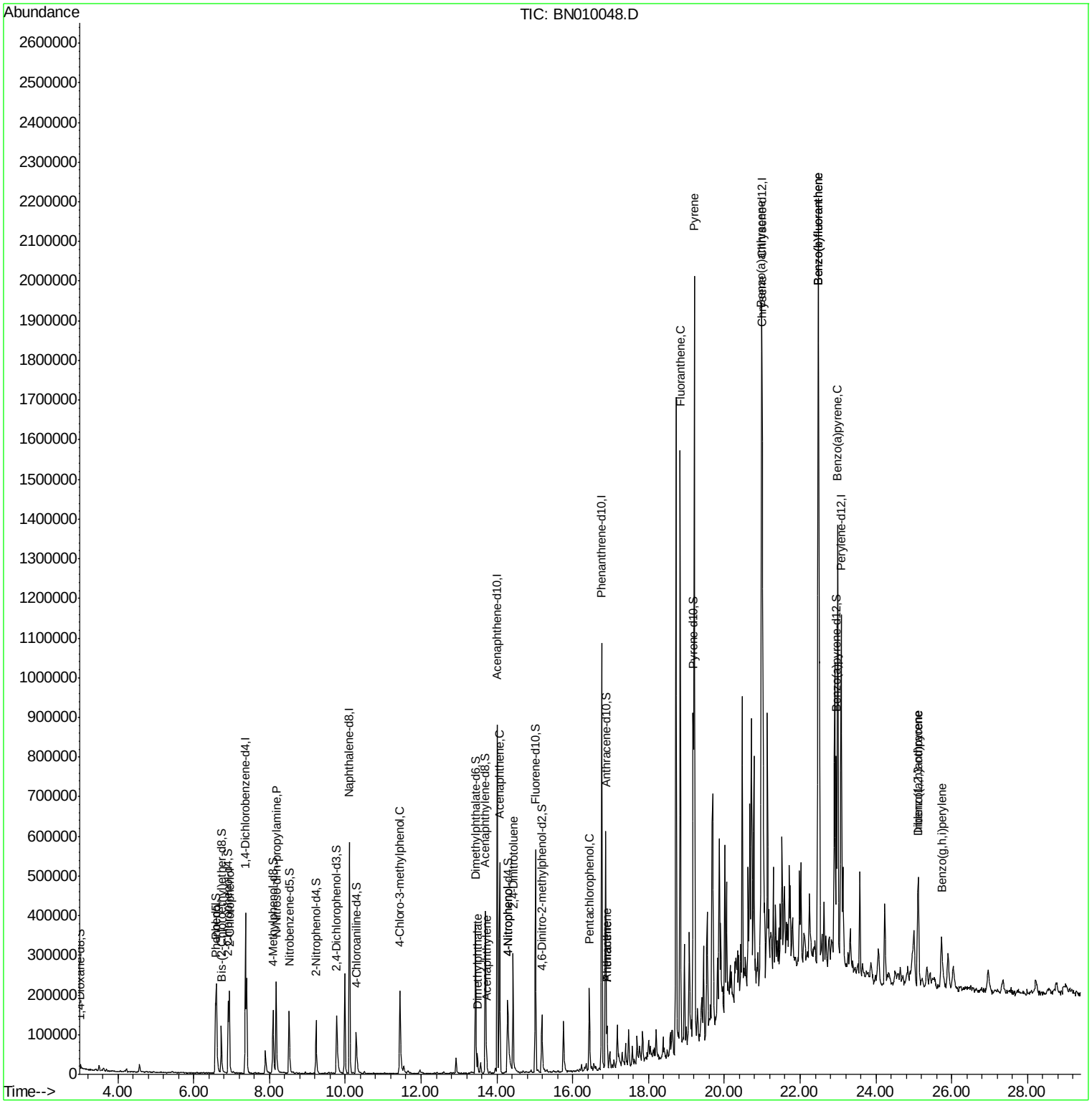
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\

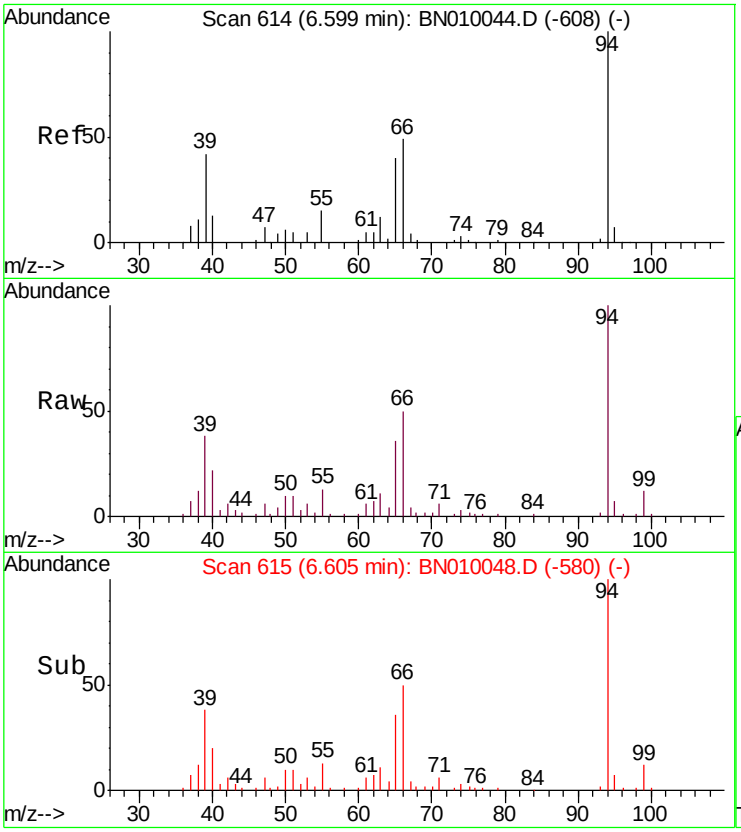
Quantitation Report (Not Reviewed)

Data File : BN010048.D
Acq On : 02 Mar 2020 20:01
Operator : CG/JU
Sample : L1619-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7MSD

Quant Time: Mar 03 01:08:14 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



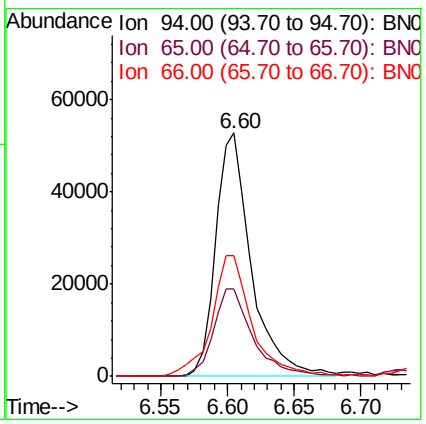


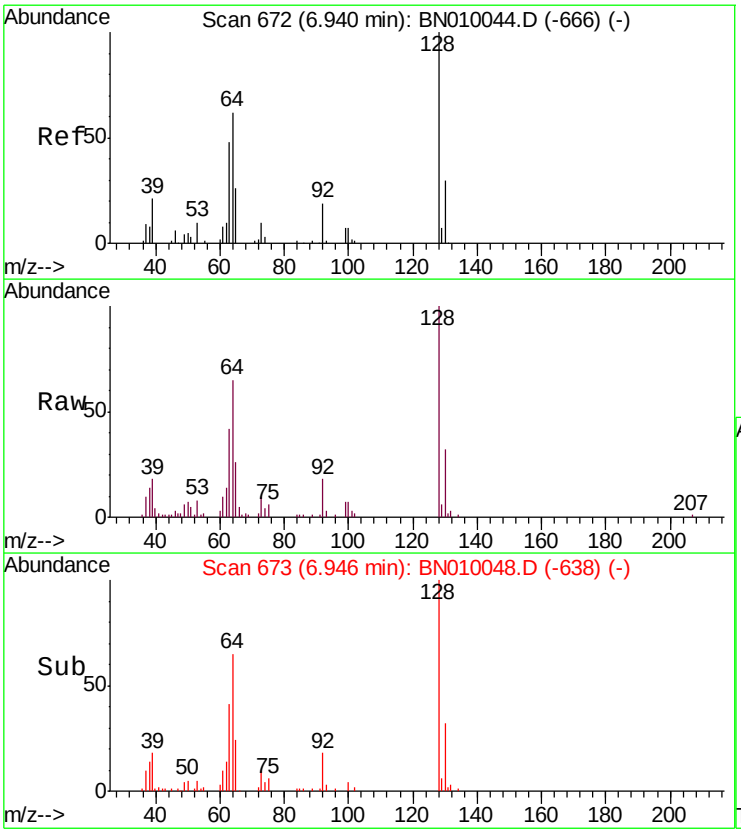
#6
Phenol
Concen: 11.881 ng/ul
RT: 6.60 min Scan# 615
Delta R.T. 0.01 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion: 94 Resp: 98578

Ion	Ratio	Lower	Upper
94	100		
65	35.8	27.6	41.4
66	49.7	38.5	57.7

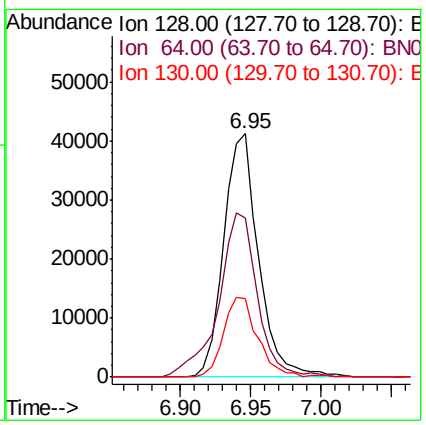


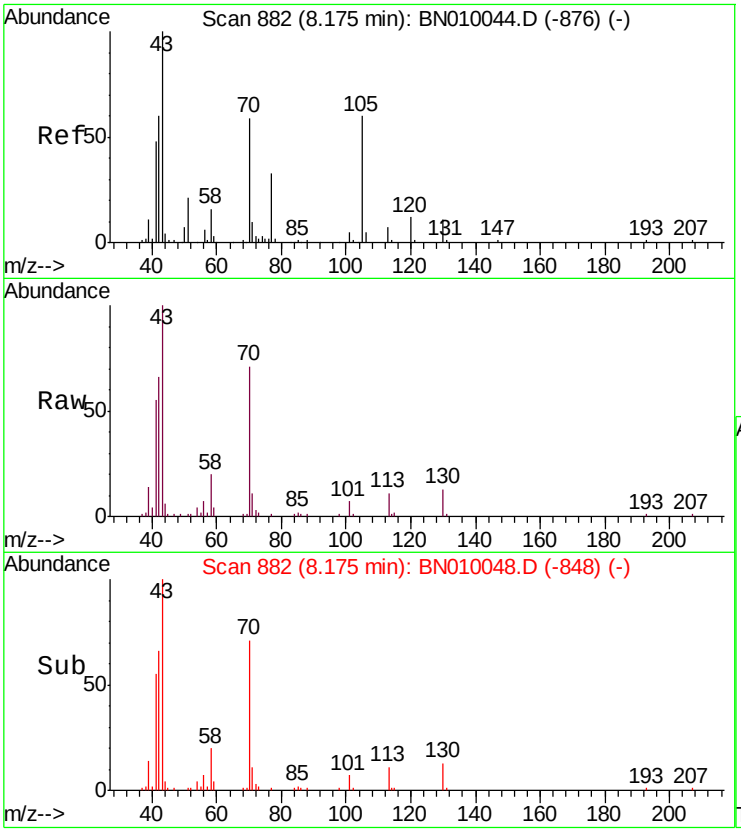


#10
2-Chlorophenol
Concen: 11.531 ng/ul
RT: 6.95 min Scan# 673
Delta R.T. 0.01 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:128 Resp: 70803

Ion	Ratio	Lower	Upper
128	100		
64	65.3	52.5	78.7
130	32.1	24.4	36.6



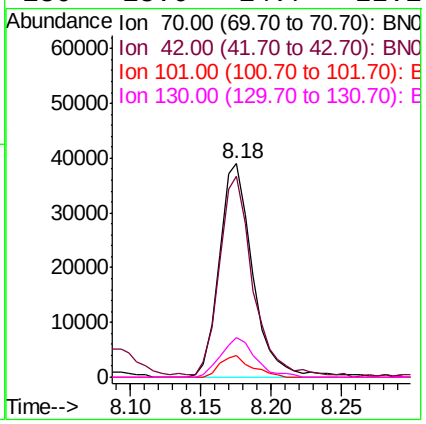


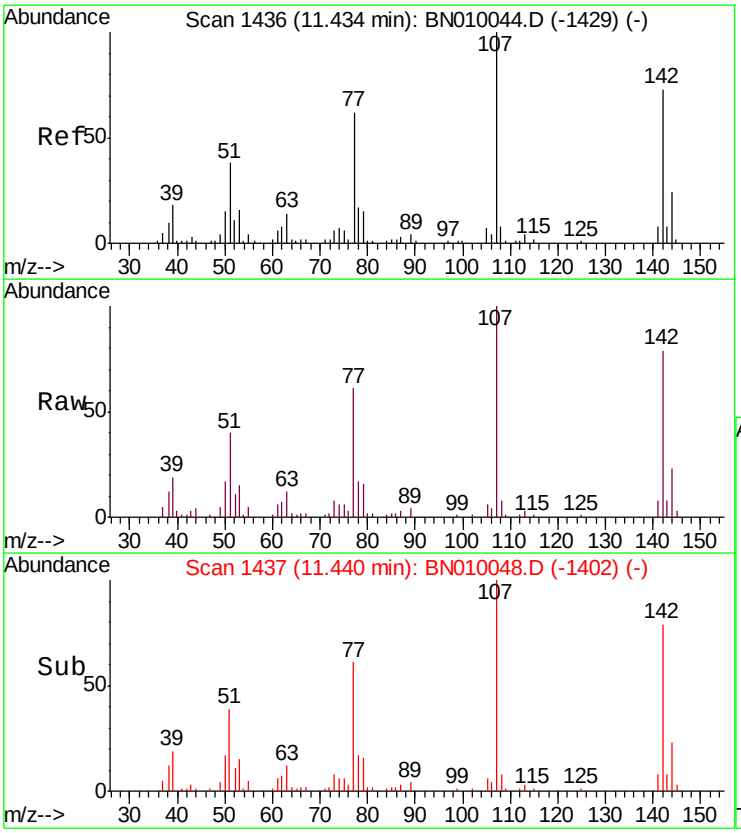
#15
N-Nitroso-di-n-propylamine
Concen: 12.256 ng/ul
RT: 8.18 min Scan# 882
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion: 70 Resp: 64274

Ion	Ratio	Lower	Upper
70	100		
42	94.1	72.6	108.8
101	9.9	7.7	11.5
130	18.6	14.7	22.1

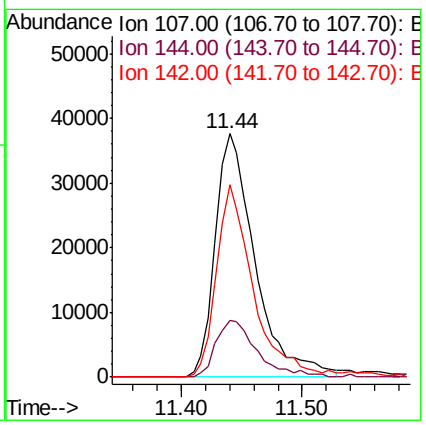


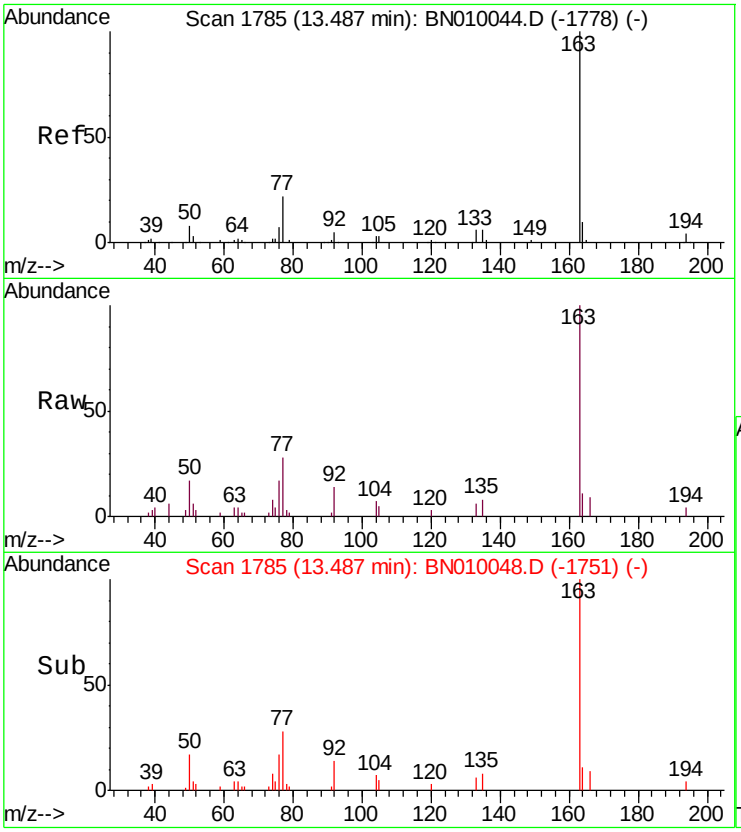


#33
4-Chloro-3-methylphenol
Concen: 11.742 ng/ul
RT: 11.44 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:107 Resp: 85850

Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.3	28.9
142	78.9	59.5	89.3



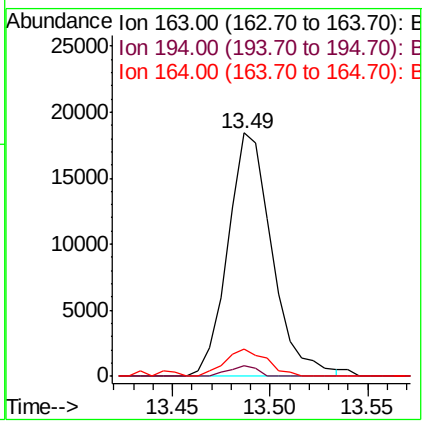


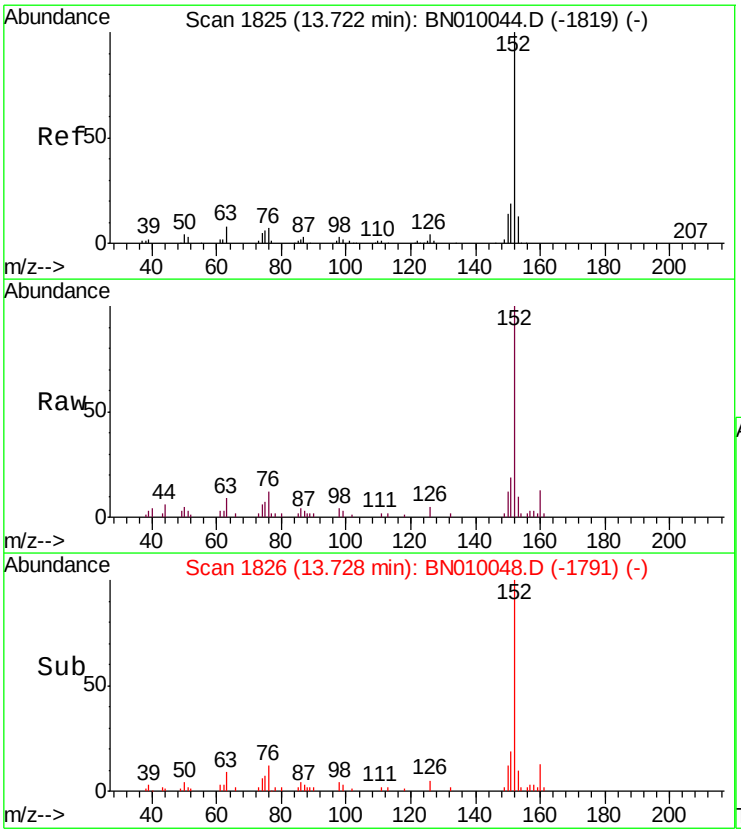
#45
Dimethylphthalate
Concen: 1.385 ng/ul
RT: 13.49 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion:163 Resp: 28919

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	11.1	8.0	12.0

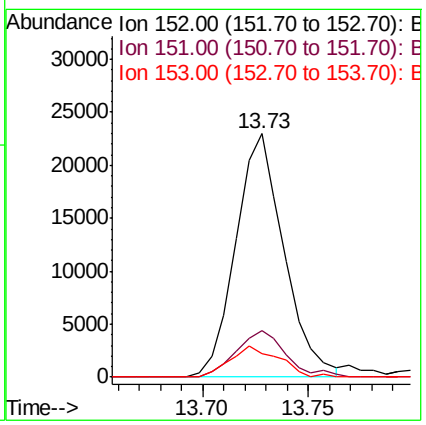


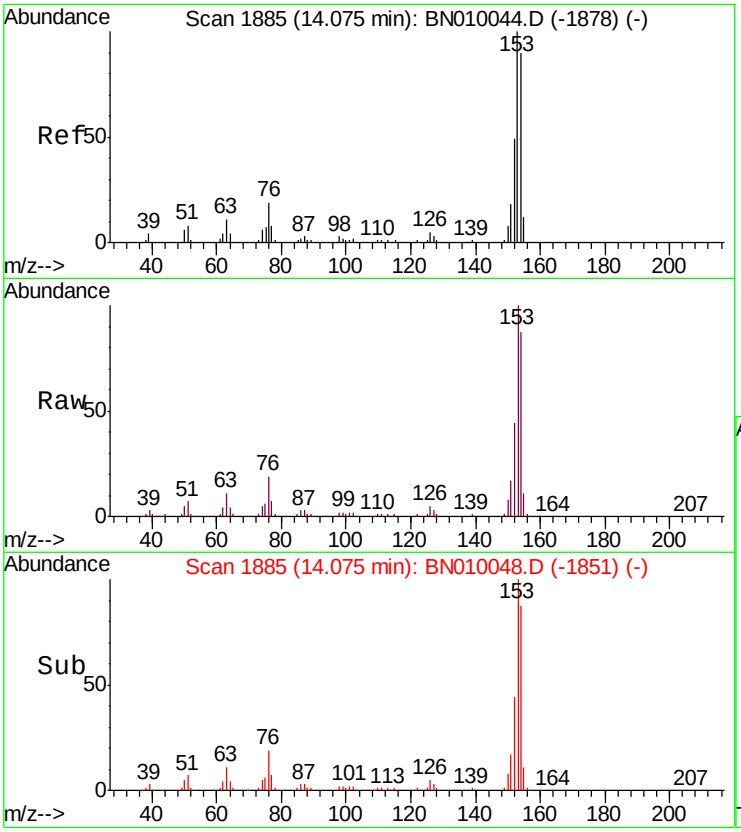


#48
Acenaphthylene
Concen: 1.425 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:152 Resp: 36325

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	9.7	10.3	15.5#



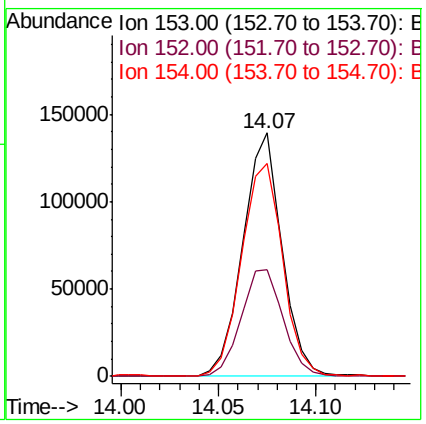


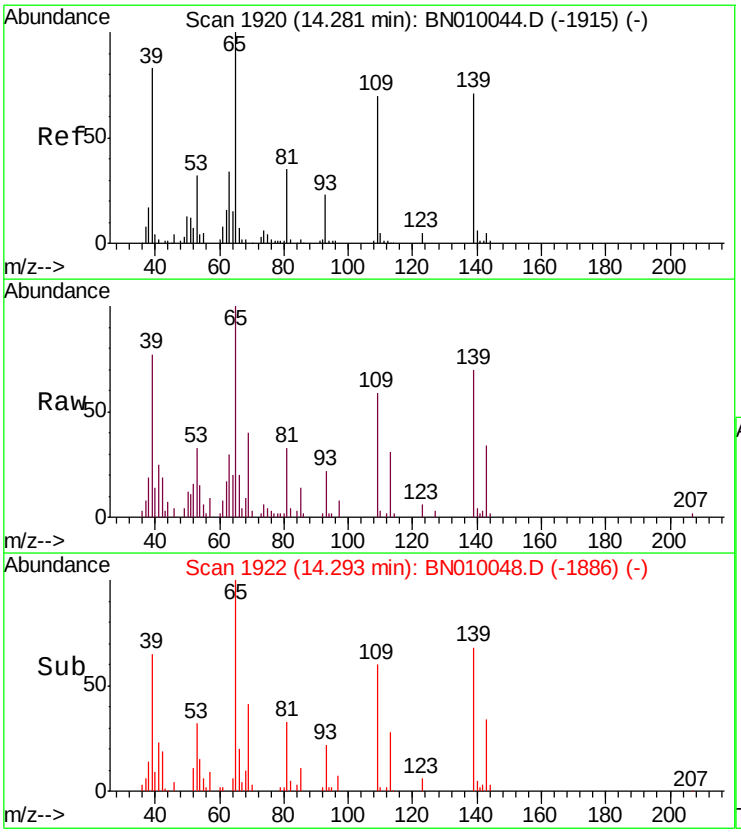
#50
Acenaphthene
Concen: 11.048 ng/ul
RT: 14.07 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion:153 Resp: 193122

Ion	Ratio	Lower	Upper
153	100		
152	44.0	36.6	54.8
154	87.4	70.6	106.0

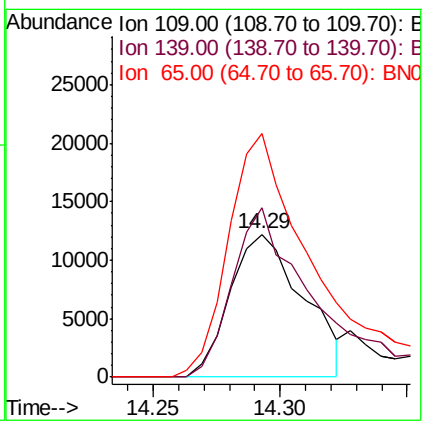


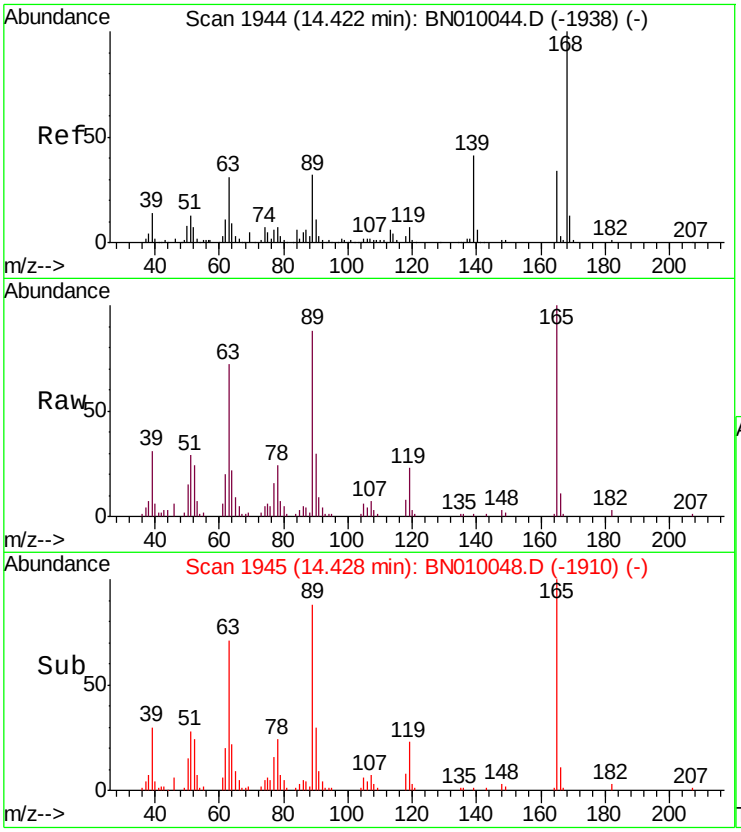


#53
4-Nitrophenol
Concen: 7.455 ng/ul
RT: 14.29 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:109 Resp: 24576

Ion	Ratio	Lower	Upper
109	100		
139	118.7	96.3	144.5
65	170.2	129.9	194.9



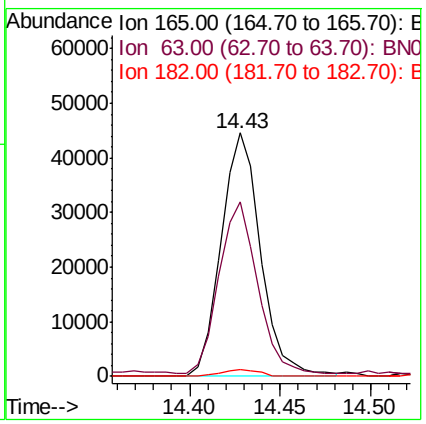


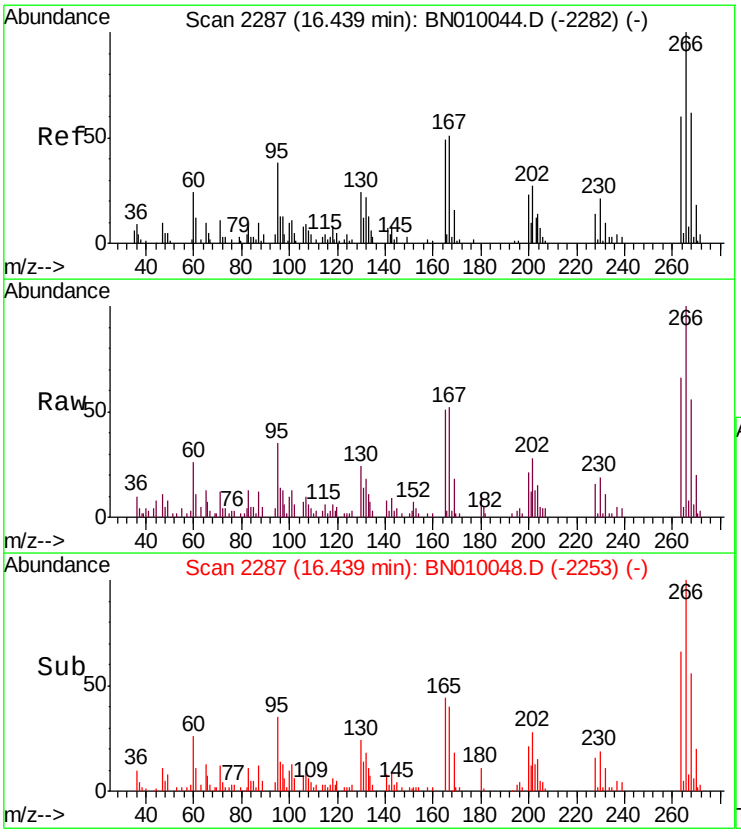
#55
2,4-Dinitrotoluene
Concen: 11.126 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion:165 Resp: 67380

Ion	Ratio	Lower	Upper
165	100		
63	71.6	68.3	102.5
182	2.6	2.2	3.4

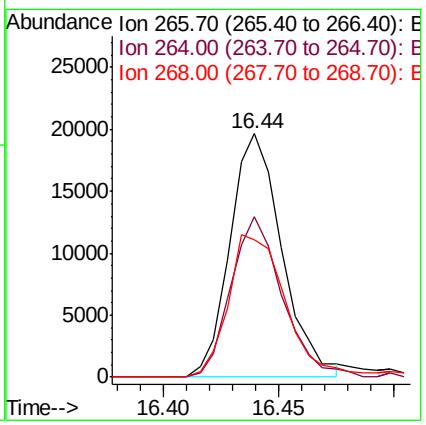


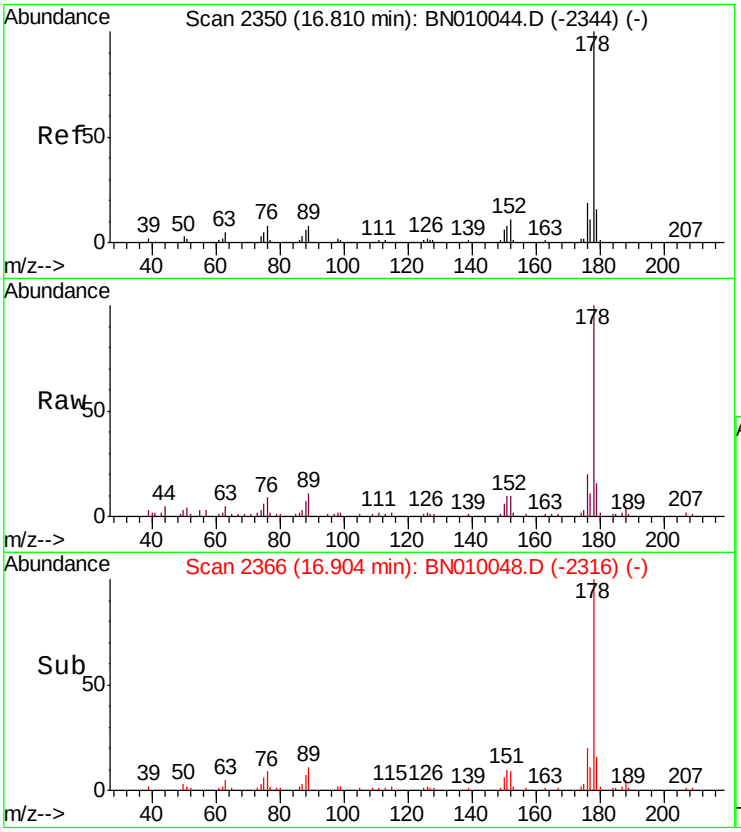


#69
Pentachlorophenol
Concen: 8.389 ng/ul
RT: 16.44 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:266 Resp: 30844

Ion	Ratio	Lower	Upper
266	100		
264	65.9	52.9	79.3
268	56.4	52.5	78.7



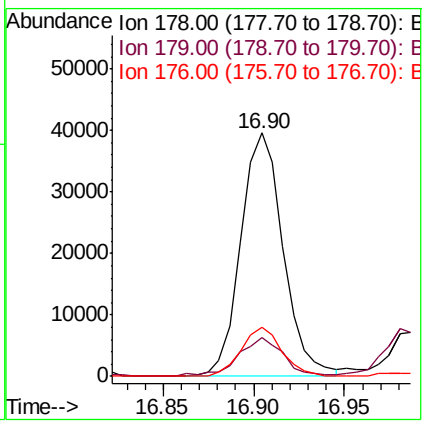


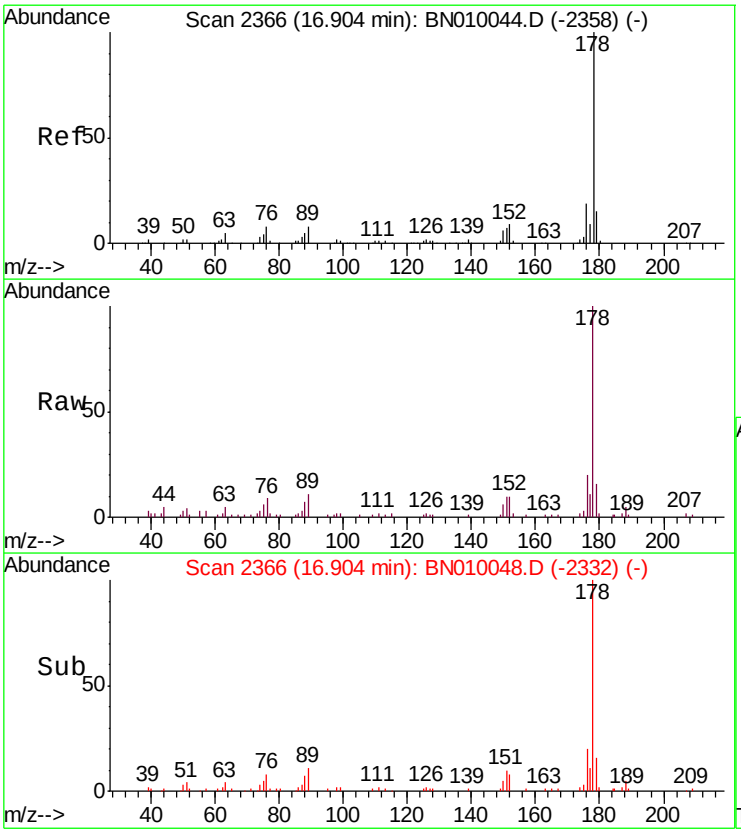
#70
Phenanthrene
Concen: 1.964 ng/ul
RT: 16.90 min Scan# 2366
Delta R.T. 0.09 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion:178 Resp: 64421

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	20.3	14.6	22.0

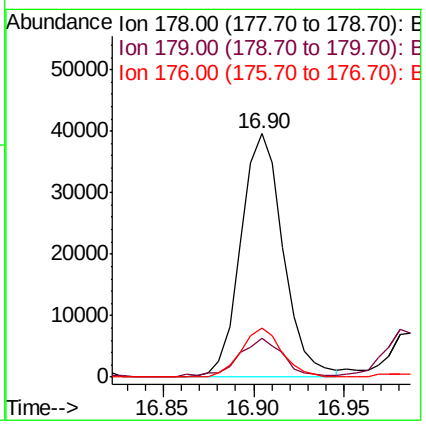


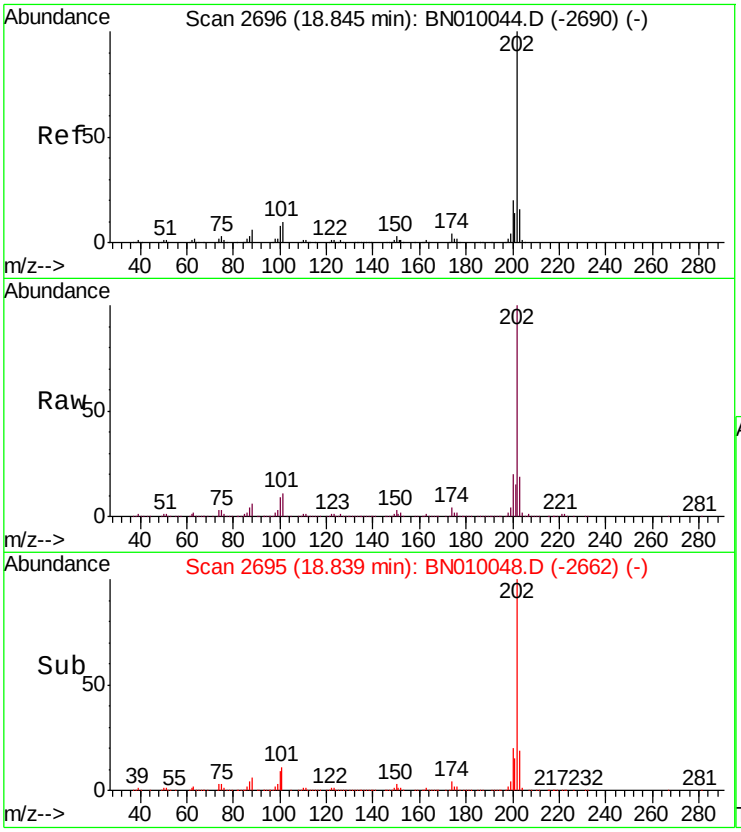


#72
Anthracene
Concen: 1.922 ng/ul
RT: 16.90 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:178 Resp: 64421

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.2
176	20.3	14.6	21.8



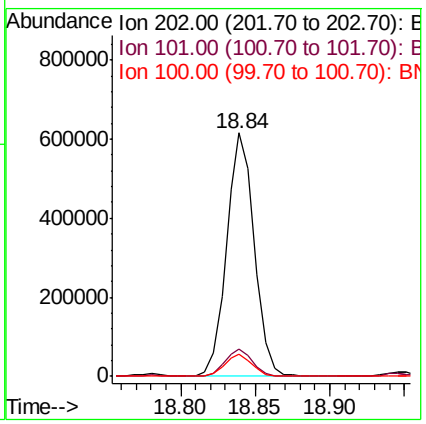


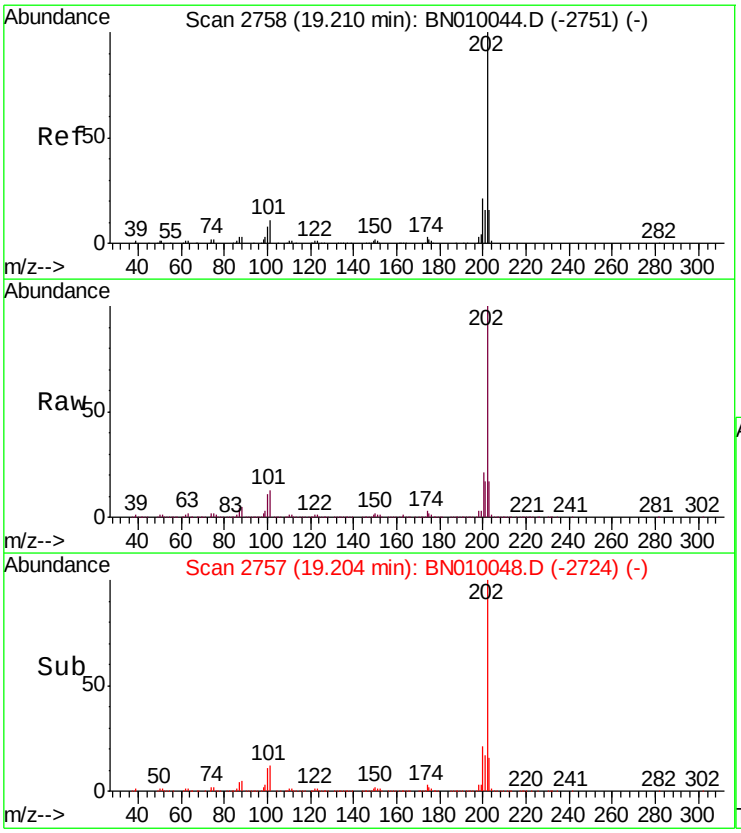
#77
Fluoranthene
Concen: 20.725 ng/ul
RT: 18.84 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion:202 Resp: 796147

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.4	14.2
100	9.1	7.2	10.8

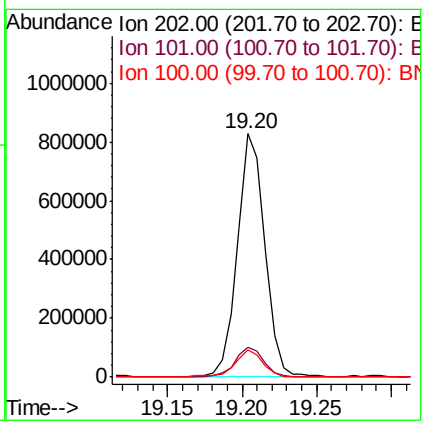


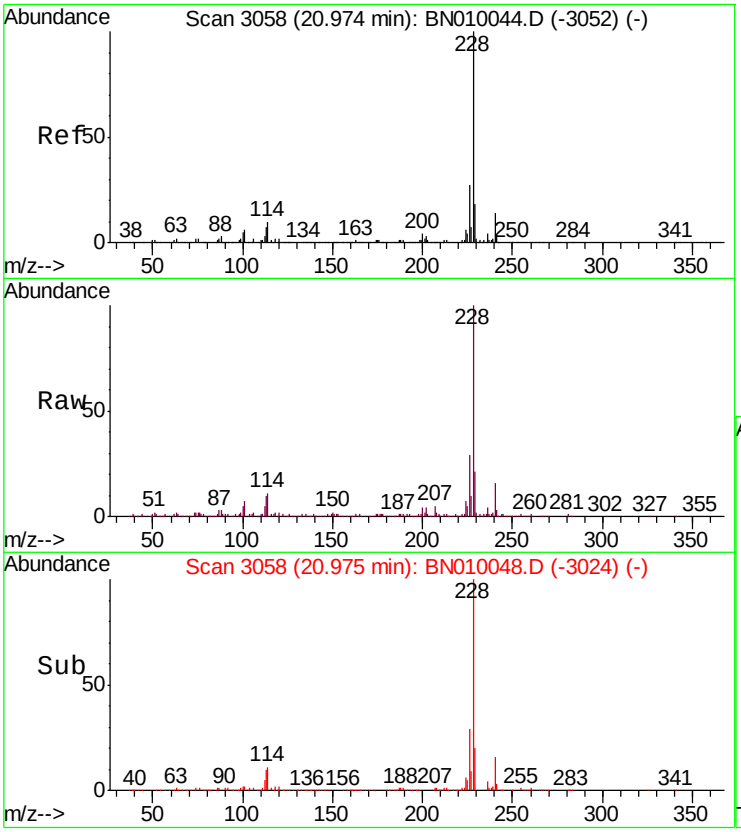


#80
Pyrene
Concen: 28.646 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:202 Resp: 1053571

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.3	16.9
100	11.3	9.0	13.6



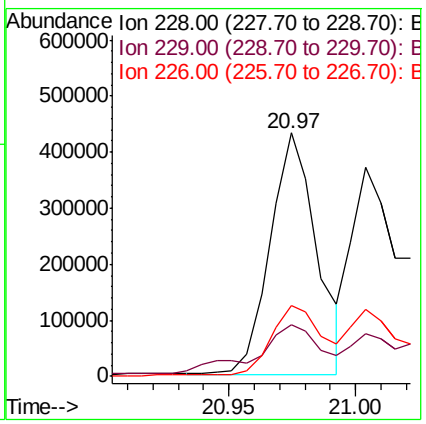


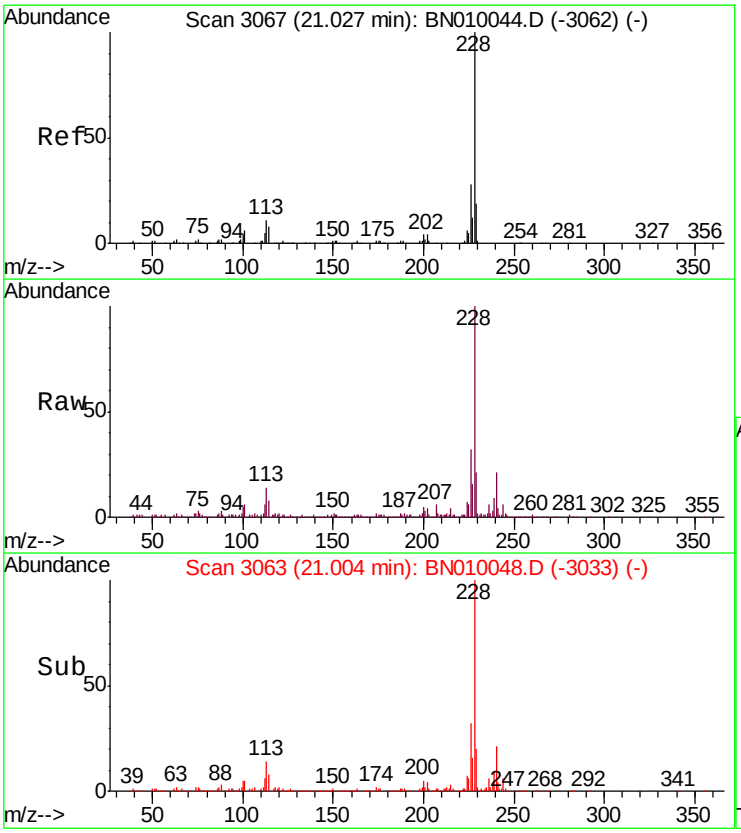
#83
Benzo(a)anthracene
Concen: 15.863 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion:228 Resp: 556107

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.0	22.4
226	29.0	21.4	32.2

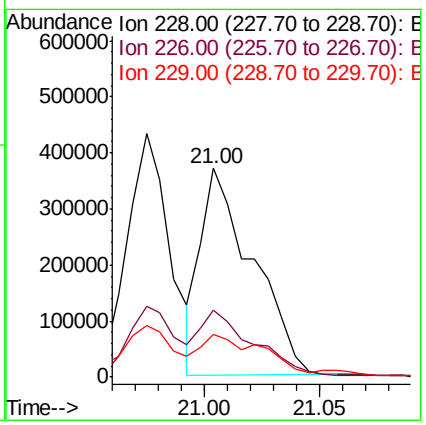


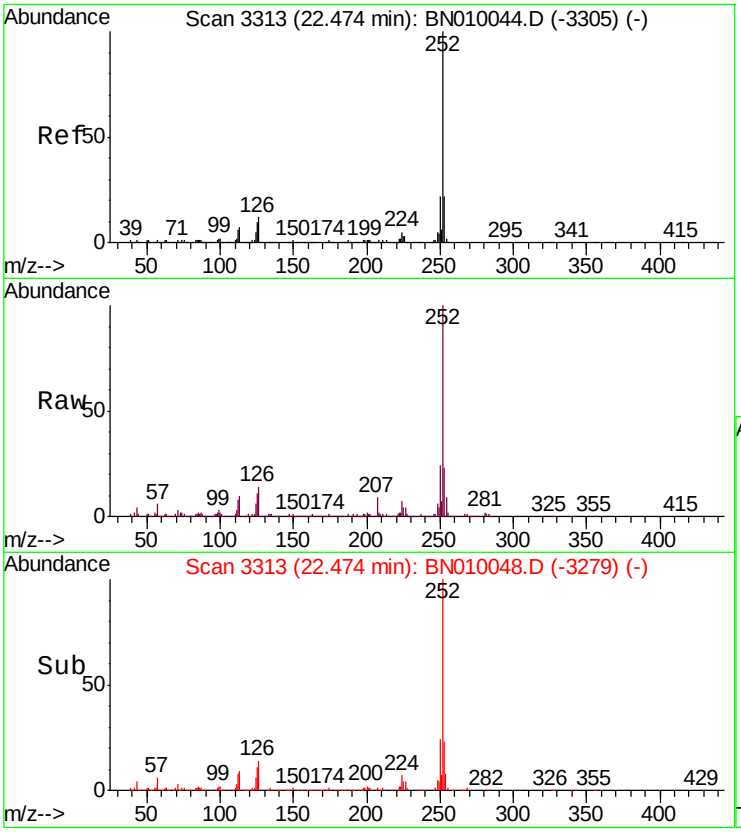


#85
Chrysene
Concen: 16.725 ng/ul
RT: 21.00 min Scan# 3063
Delta R.T. -0.02 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:228 Resp: 577244

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.2
229	20.6	15.0	22.4



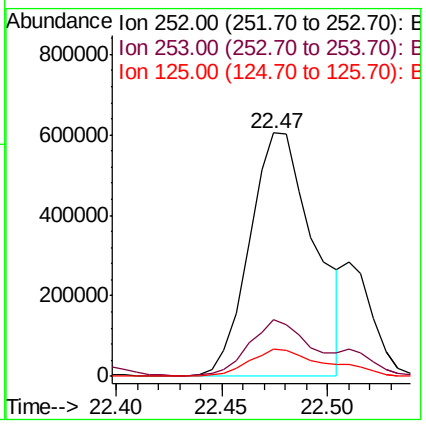


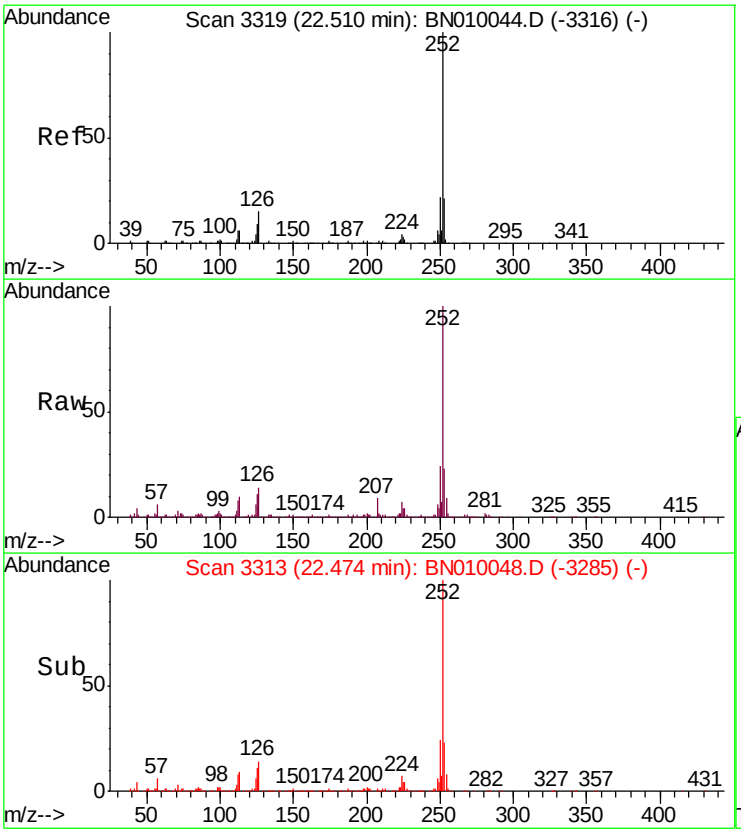
#88
Benzo(b)fluoranthene
Concen: 37.391 ng/ul
RT: 22.47 min Scan# 3313
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion:252 Resp: 1283574

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.4
125	11.0	8.0	12.0

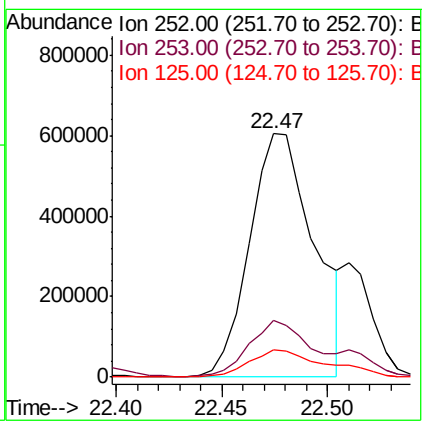


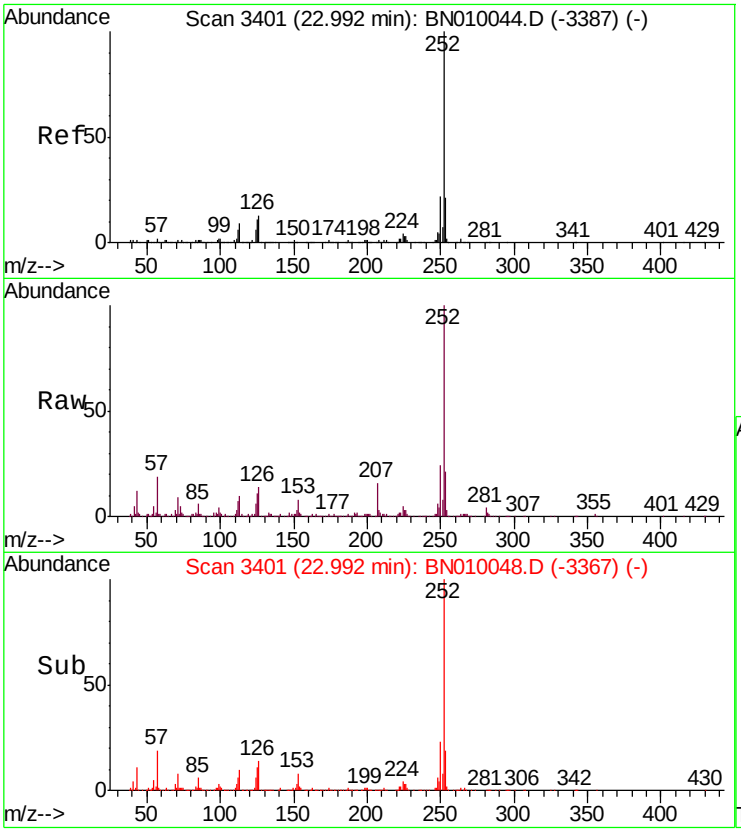


#89
Benzo(k)fluoranthene
Concen: 39.489 ng/ul
RT: 22.47 min Scan# 3313
Delta R.T. -0.04 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:252 Resp: 1283574

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.0	8.2	12.2



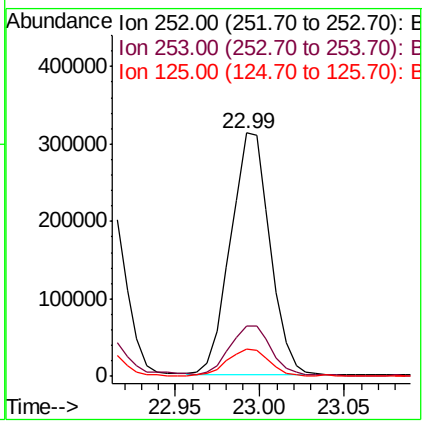


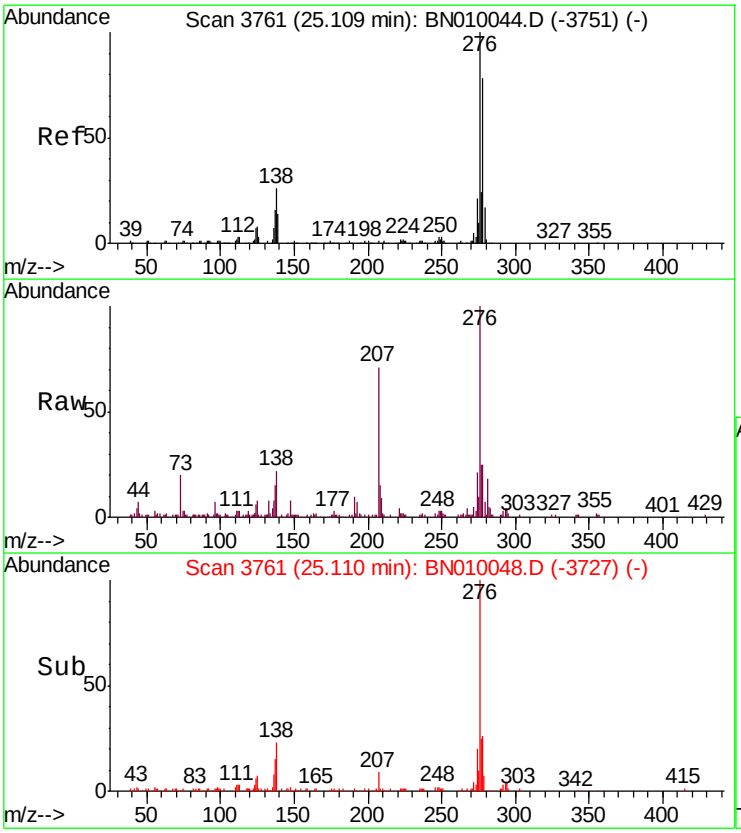
#91
Benzo(a)pyrene
Concen: 16.428 ng/ul
RT: 22.99 min Scan# 3401
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion:252 Resp: 507218

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.0
125	11.4	9.0	13.6

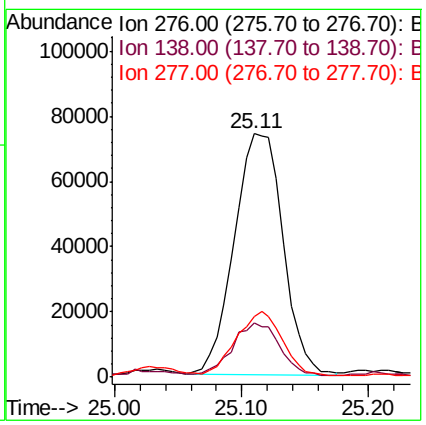


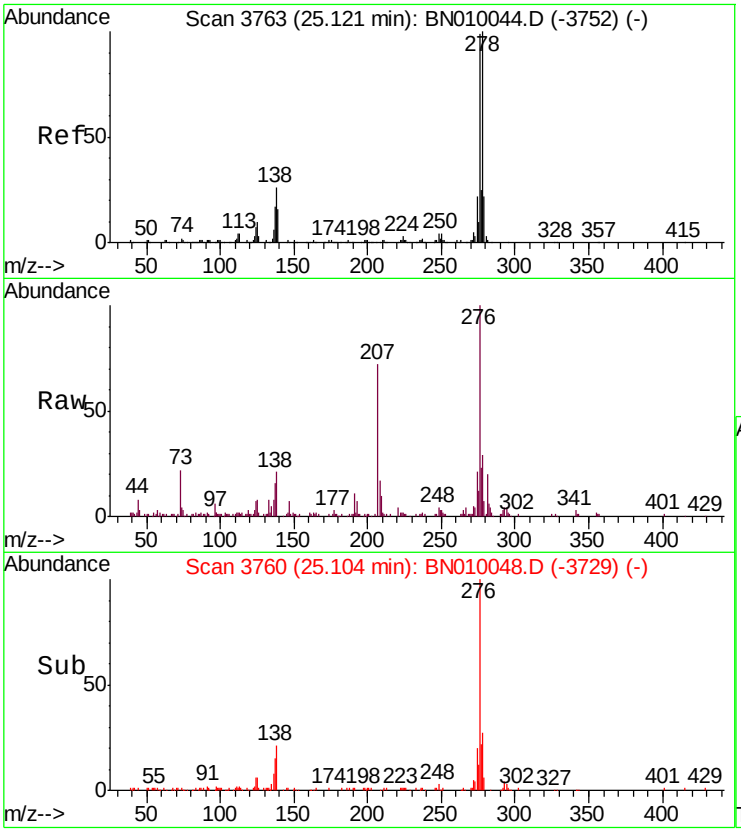


#92
Indeno(1,2,3-cd)pyrene
Concen: 5.381 ng/ul
RT: 25.11 min Scan# 3761
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:276 Resp: 197261

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.9	31.3
277	24.9	18.2	27.4



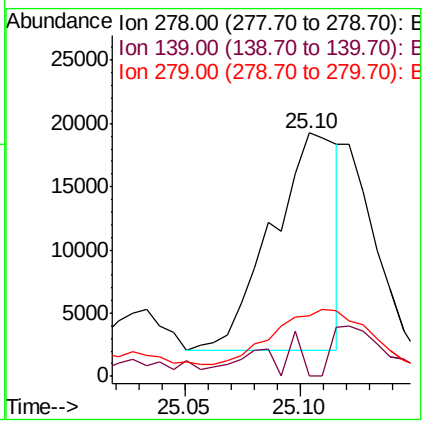


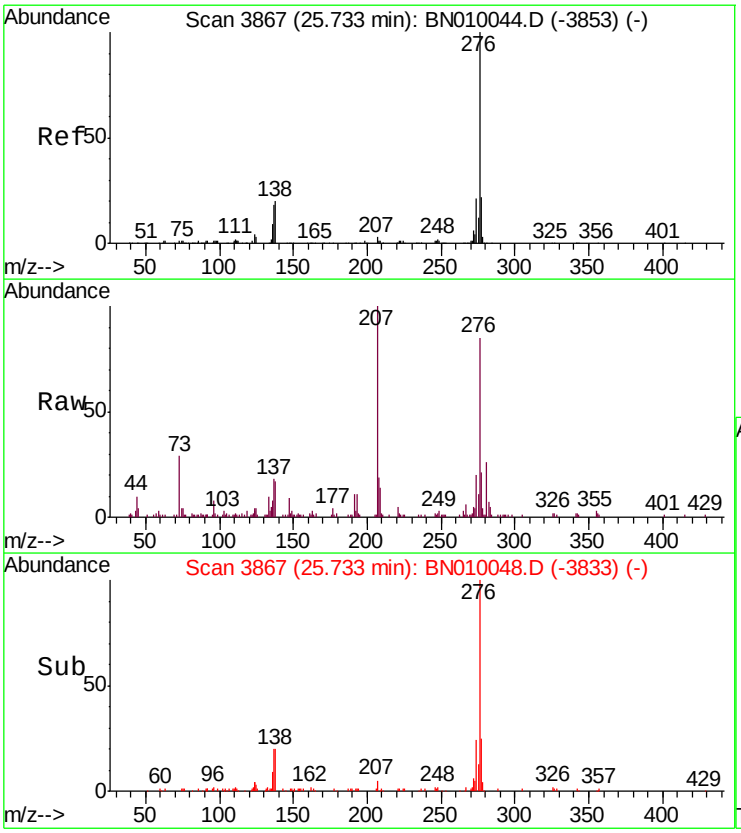
#93
Dibenzo(a,h)anthracene
Concen: 1.079 ng/ul
RT: 25.10 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Instrument :
BNA_N
ClientSampleId :
DBDT7MSD

Tgt Ion:278 Resp: 33837

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	25.1	17.5	26.3





#94
Benzo(g,h,i)perylene
Concen: 4.090 ng/ul
RT: 25.73 min Scan# 3867
Delta R.T. 0.00 min
Lab File: BN010048.D
Acq: 02 Mar 2020 20:01

Tgt Ion:276 Resp: 125713

Ion	Ratio	Lower	Upper
276	100		
138	20.3	17.5	26.3
277	25.3	18.1	27.1