Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\

Quantitation Report (Not Reviewed)

Data File : BN010000.D
Acq On : 28 Feb 2020 23:44
Operator : CG/JU
Sample : L1507-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD12

Quant Time: Feb 29 01:40:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	337535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	223071	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	503840	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	488390	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	505075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	9629	5.15	ng/uL	0.00
5) Phenol-d5	6.58	99	188067	28.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	135109	29.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	151216	30.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	152382	29.28	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	75524	30.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	81165	30.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.76	165	160256	30.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	154042	26.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	532380	31.95	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	634703	32.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	80278	26.38	ng/ul	0.02
58) Fluorene-d10	15.02	176	488567	33.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	79032	25.25	ng/ul	0.00
71) Anthracene-d10	16.87	188	777378	33.66	ng/ul	0.00
79) Pyrene-d10	19.19	212	853551	33.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	856004	33.94	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.60	94	8125	1.159	ng/ul#	56
15) N-Nitroso-di-n-propylamine	8.09	70	4817	1.087	ng/ul#	1
28) Naphthalene	10.17	128	346749	19.050	ng/ul	99
30) 4-Chloroaniline	10.17	127	46320	7.752	ng/ul#	9
34) 2-Methylnaphthalene	11.79	142	267330	21.152	ng/ul	97
35) 1-Methylnaphthalene	12.02	142	128280	10.126	ng/uL#	99
41) 1,1'-Biphenyl	12.84	154	78865	4.603	ng/ul	99
45) Dimethylphthalate	13.49	163	46738	2.688	ng/ul	96
48) Acenaphthylene	13.73	152	225650	10.624	ng/ul	99
50) Acenaphthene	14.08	153	501790	34.462	ng/ul	98
54) Dibenzofuran	14.42	168	439362	21.498	ng/ul	96
59) Fluorene	15.07	166	404592	23.589	ng/ul	99
61) 4-Nitroaniline	15.07	138	5201	1.357	ng/ul#	11
70) Phenanthrene	16.82	178	2312675	80.429	ng/ul	99
72) Anthracene	16.91	178	1091682	37.139	ng/ul	98
75) Carbazole	17.19	167	215436	8.323	ng/ul	97
77) Fluoranthene	18.86	202	8820777	261.888	ng/ul	100
80) Pyrene	19.13	202	62124	1.764	ng/ul	97
83) Benzo(a)anthracene	20.99	228	3498400	104.235	ng/ul	96
85) Chrysene	21.02	228	1203091	36.411	ng/ul	97
88) Benzo(b)fluoranthene	22.50	252	4673918	142.728	ng/ul	98
89) Benzo(k)fluoranthene	22.50	252	4673918	150.735	ng/ul	99
91) Benzo(a)pyrene	23.02	252	1818265	61.734	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\

Quantitation Report (Not Reviewed)

Data File : BN010000.D
Acq On : 28 Feb 2020 23:44
Operator : CG/JU
Sample : L1507-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBD12

Quant Time: Feb 29 01:40:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Indeno(1,2,3-cd)pyrene	25.13	276	883745	25.273	ng/ul	95
93) Dibenzo(a,h)anthracene	25.13	278	249150	8.329	ng/ul#	70
94) Benzo(g,h,i)perylene	25.76	276	545123	18.592	ng/ul	97

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

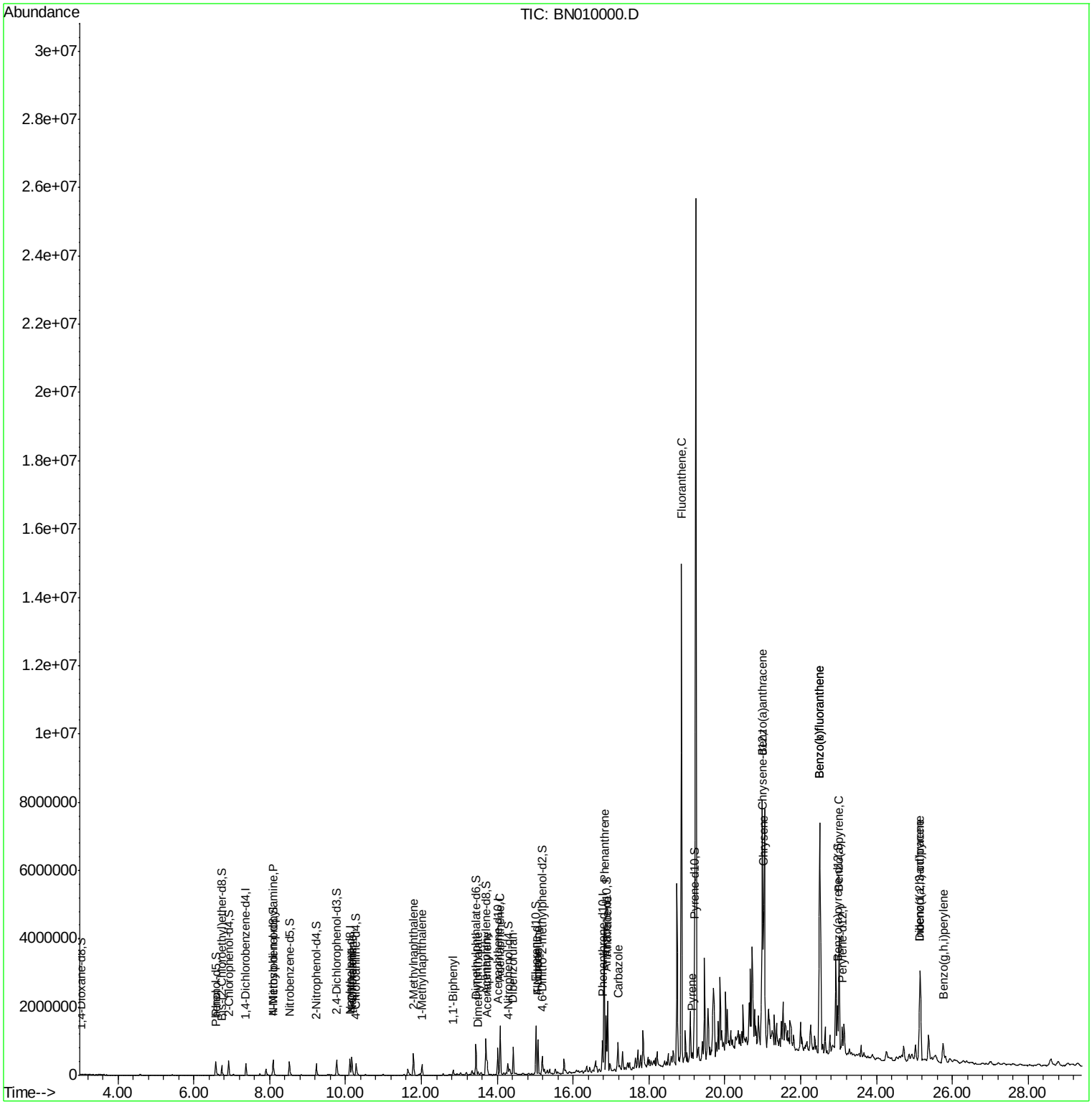
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\

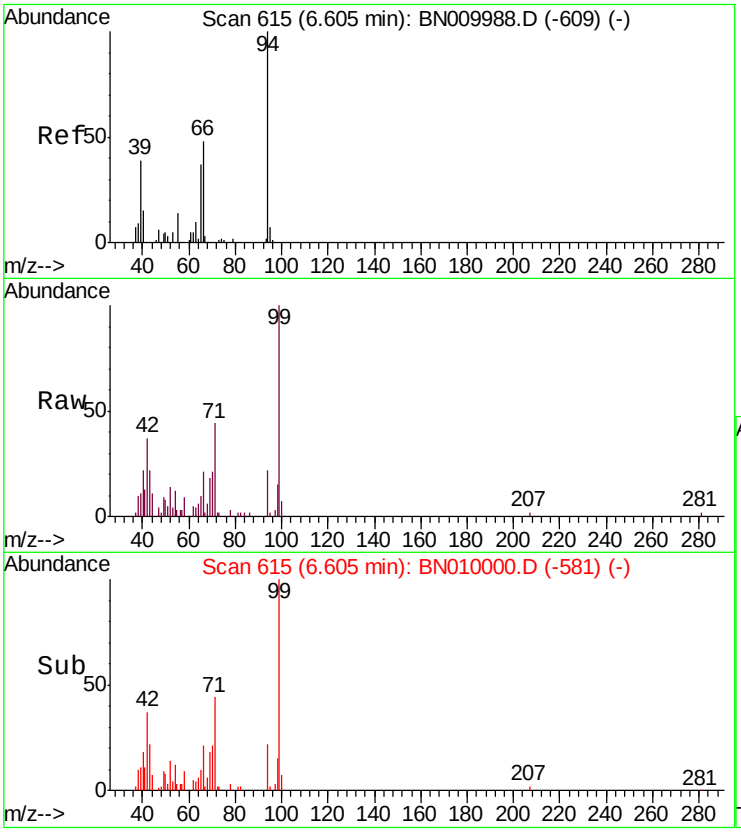
Quantitation Report (Not Reviewed)

Data File : BN010000.D
Acq On : 28 Feb 2020 23:44
Operator : CG/JU
Sample : L1507-14RX
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBD12

Quant Time: Feb 29 01:40:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration



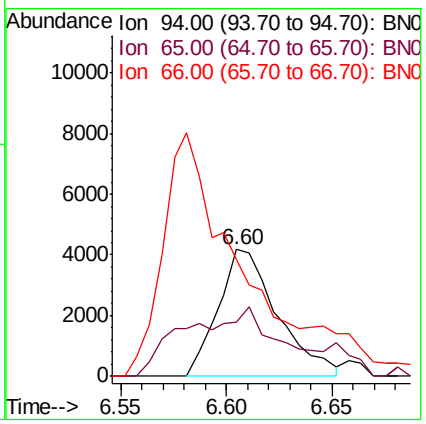


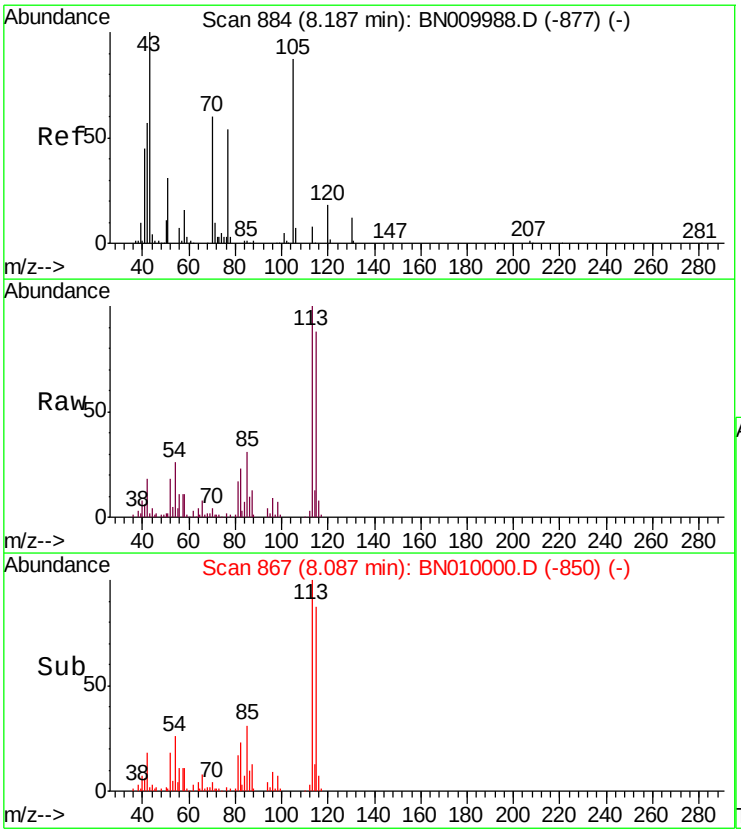
#6
Phenol
Concen: 1.159 ng/ul
RT: 6.60 min Scan# 615
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion: 94 Resp: 8125

Ion	Ratio	Lower	Upper
94	100		
65	42.5	27.6	41.4#
66	92.5	38.5	57.7#

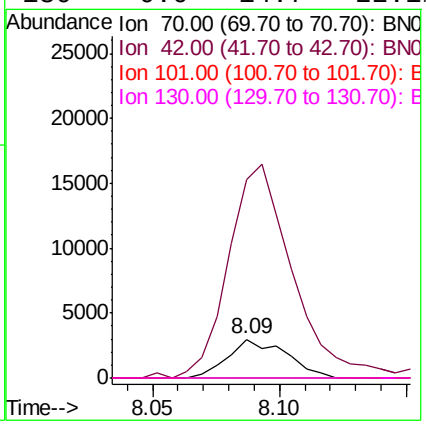


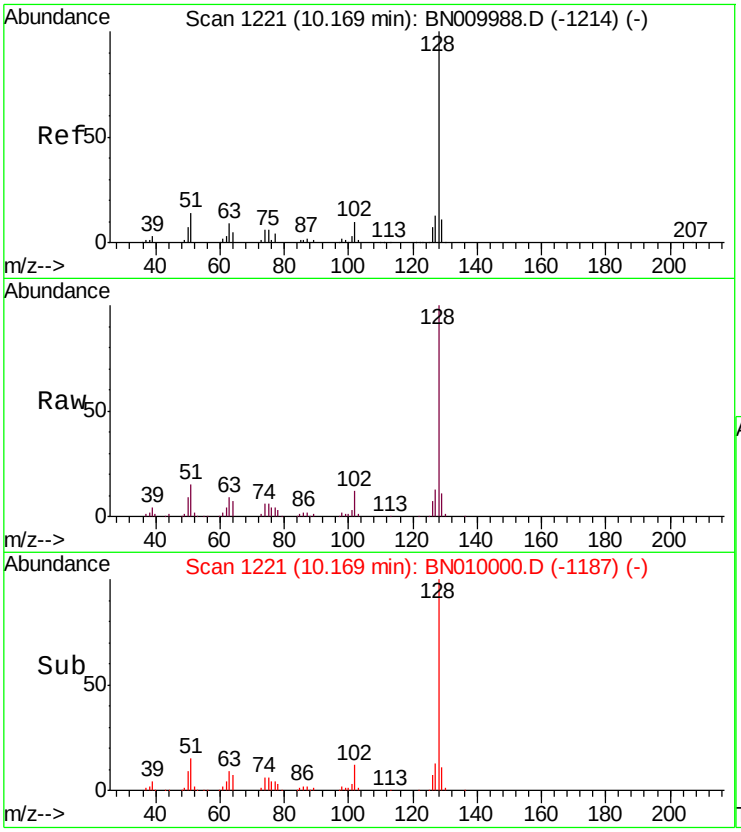


#15
N-Nitroso-di-n-propylamine
Concen: 1.087 ng/ul
RT: 8.09 min Scan# 867
Delta R.T. -0.10 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion: 70 Resp: 4817

Ion	Ratio	Lower	Upper
70	100		
42	508.8	72.6	108.8#
101	0.0	7.7	11.5#
130	0.0	14.7	22.1#



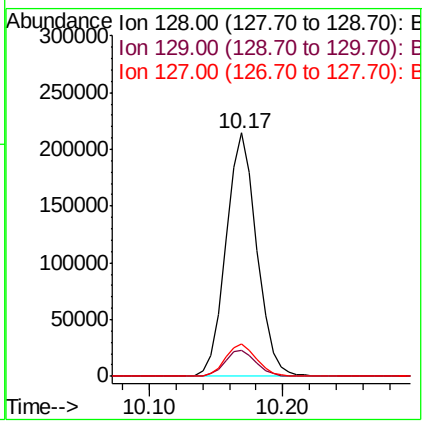


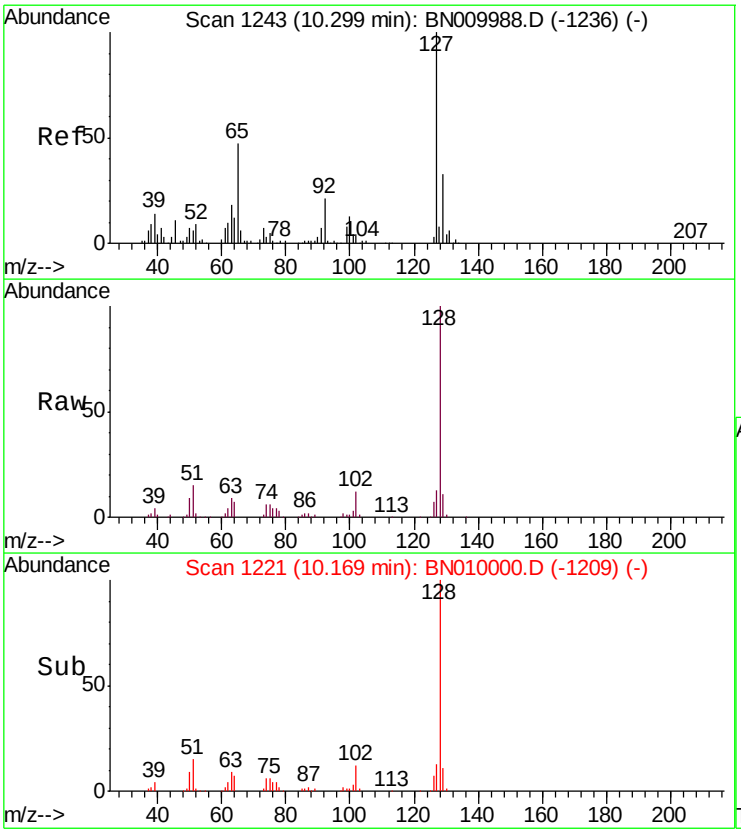
#28
Naphthalene
Concen: 19.050 ng/ul
RT: 10.17 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:128 Resp: 346749

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.5	10.3	15.5

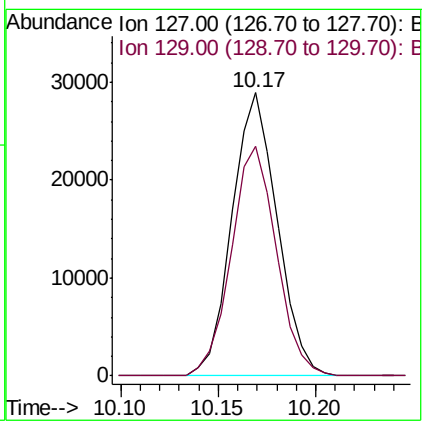


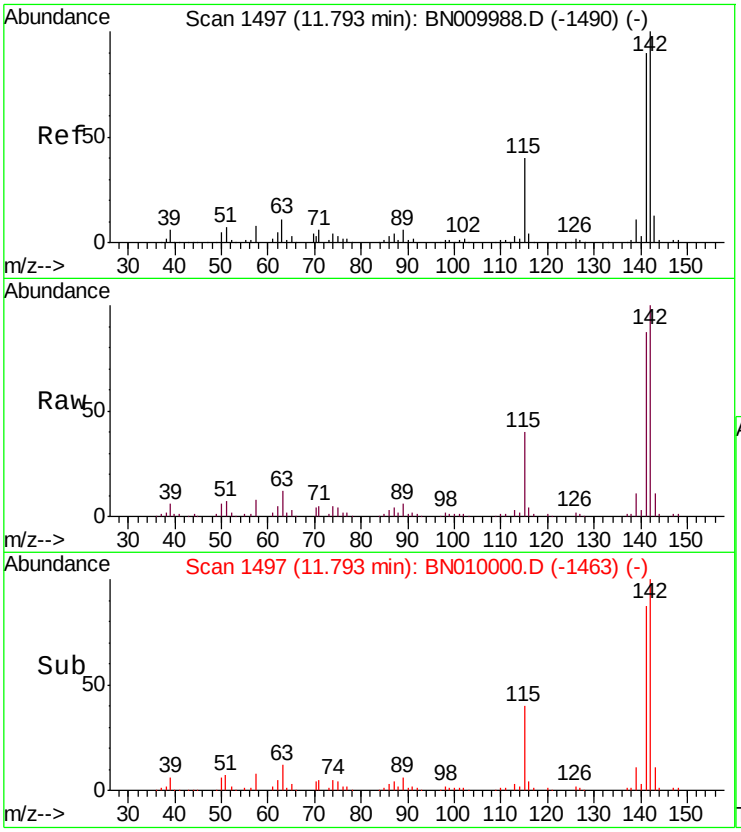


#30
4-Chloroaniline
Concen: 7.752 ng/ul
RT: 10.17 min Scan# 1221
Delta R.T. -0.13 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:127 Resp: 46320

Ion	Ratio	Lower	Upper
127	100		
129	81.1	24.8	37.2#



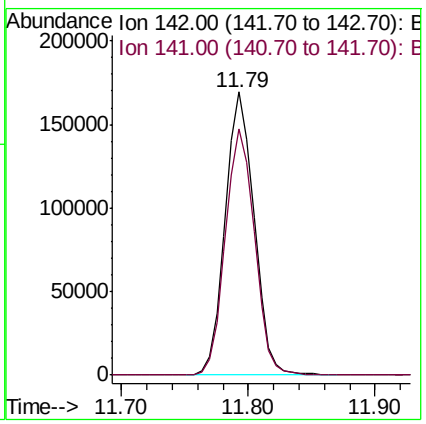


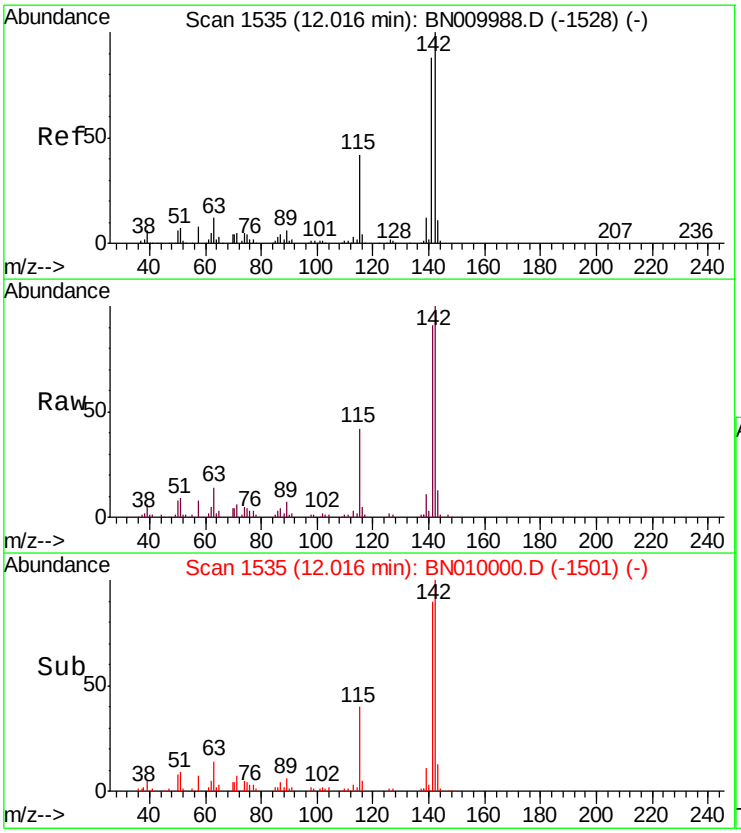
#34
2-Methylnaphthalene
Concen: 21.152 ng/ul
RT: 11.79 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:142 Resp: 267330

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.1	108.1

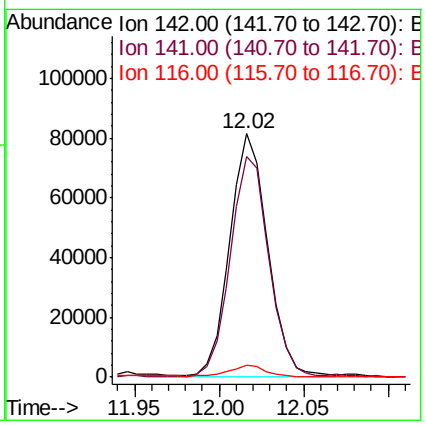


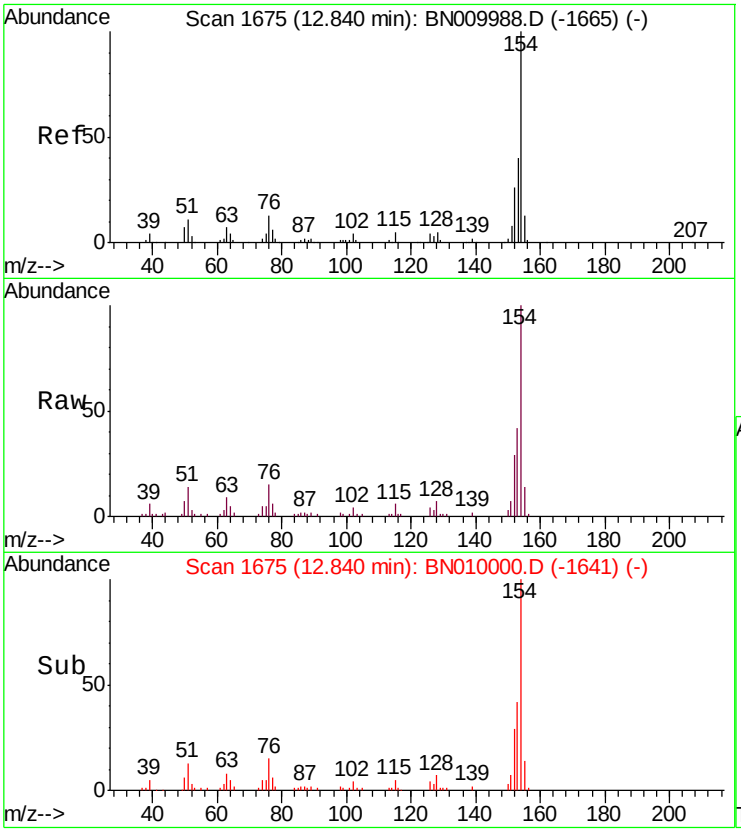


#35
1-Methylnaphthalene
Concen: 10.126 ng/uL
RT: 12.02 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:142 Resp: 128280

Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.8	109.2
116	4.9	3.2	4.8#



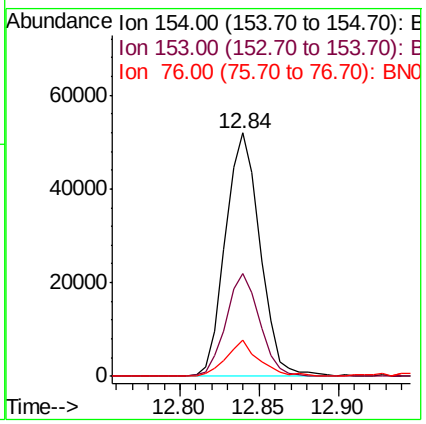


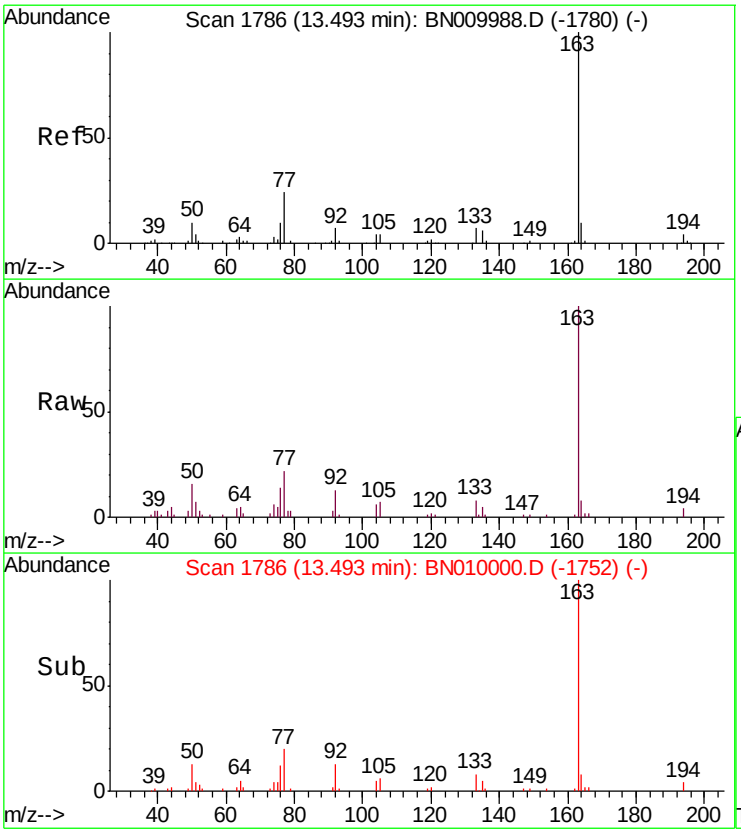
#41
1,1'-Biphenyl
Concen: 4.603 ng/ul
RT: 12.84 min Scan# 1675
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:154 Resp: 78865

Ion	Ratio	Lower	Upper
154	100		
153	42.0	33.2	49.8
76	14.7	11.0	16.4

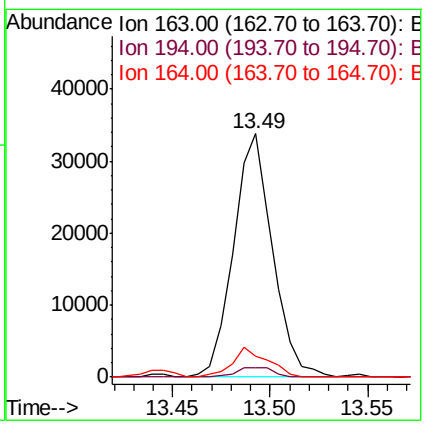


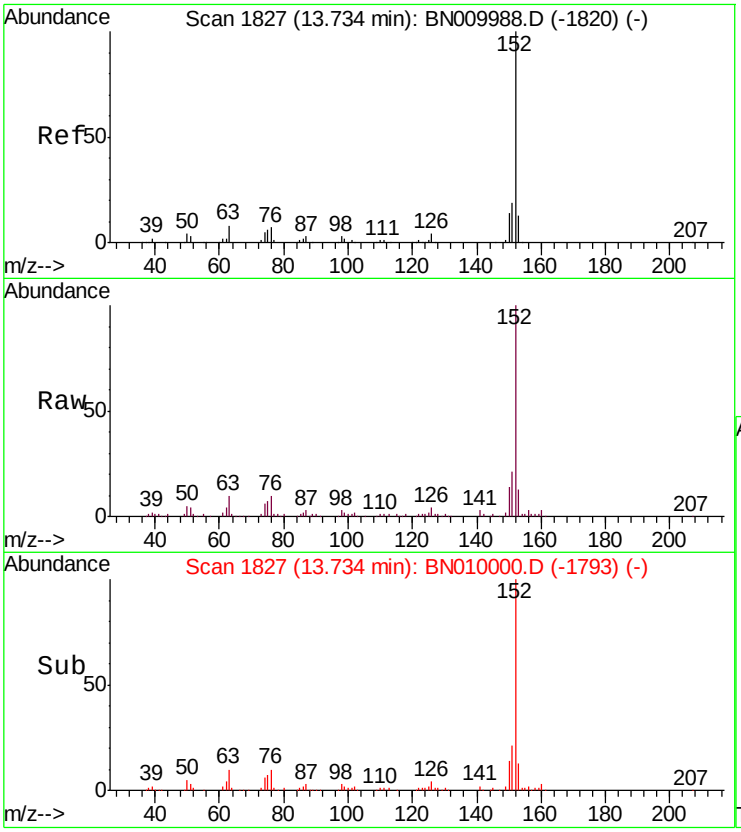


#45
Dimethylphthalate
Concen: 2.688 ng/ul
RT: 13.49 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:163 Resp: 46738

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	8.4	8.0	12.0



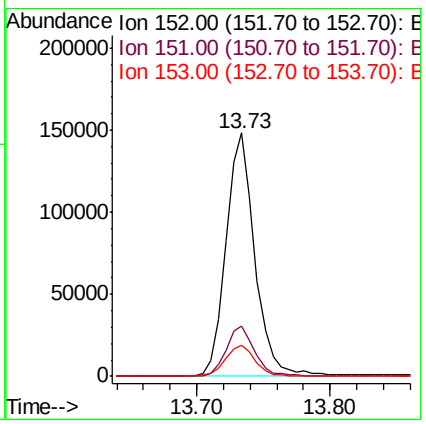


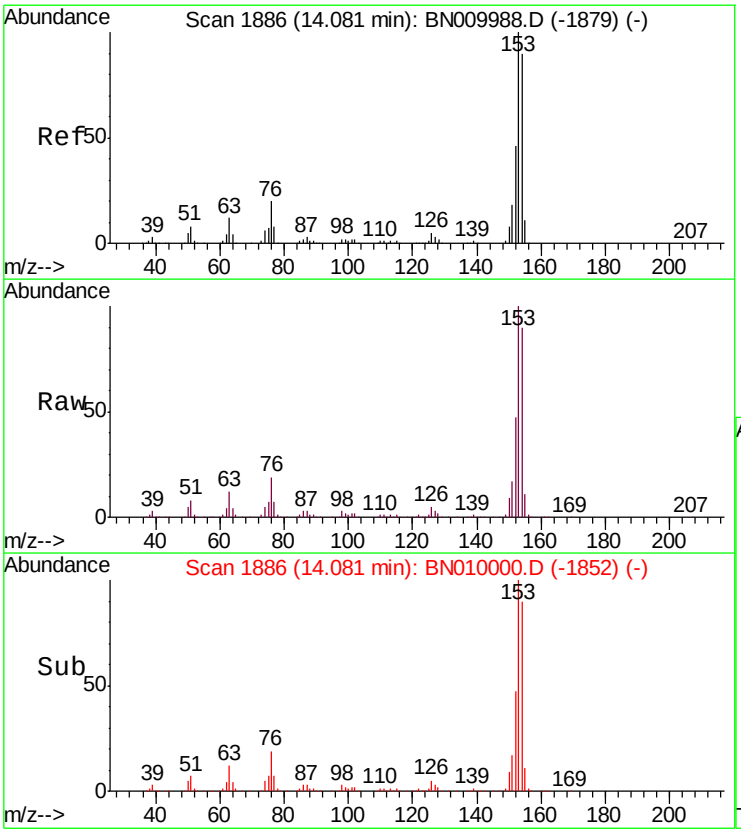
#48
Acenaphthylene
Concen: 10.624 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:152 Resp: 225650

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	12.8	10.3	15.5

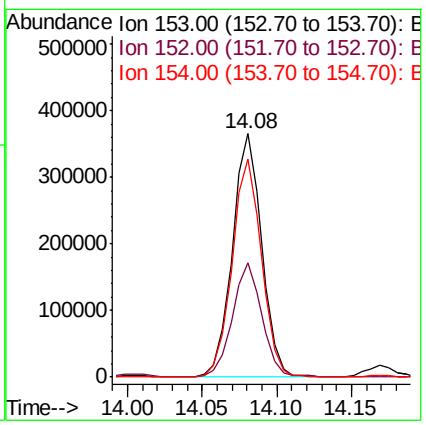


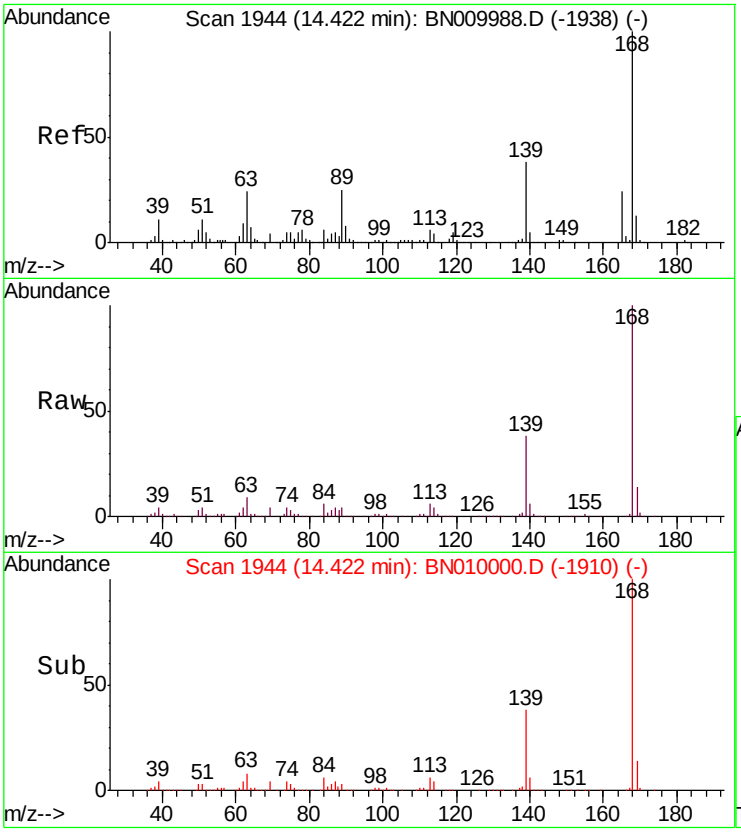


#50
Acenaphthene
Concen: 34.462 ng/ul
RT: 14.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:153 Resp: 501790

Ion	Ratio	Lower	Upper
153	100		
152	47.0	36.6	54.8
154	89.7	70.6	106.0



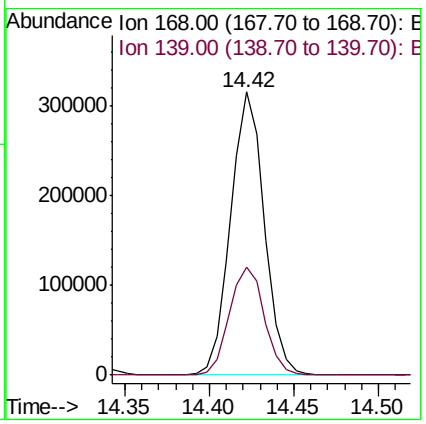


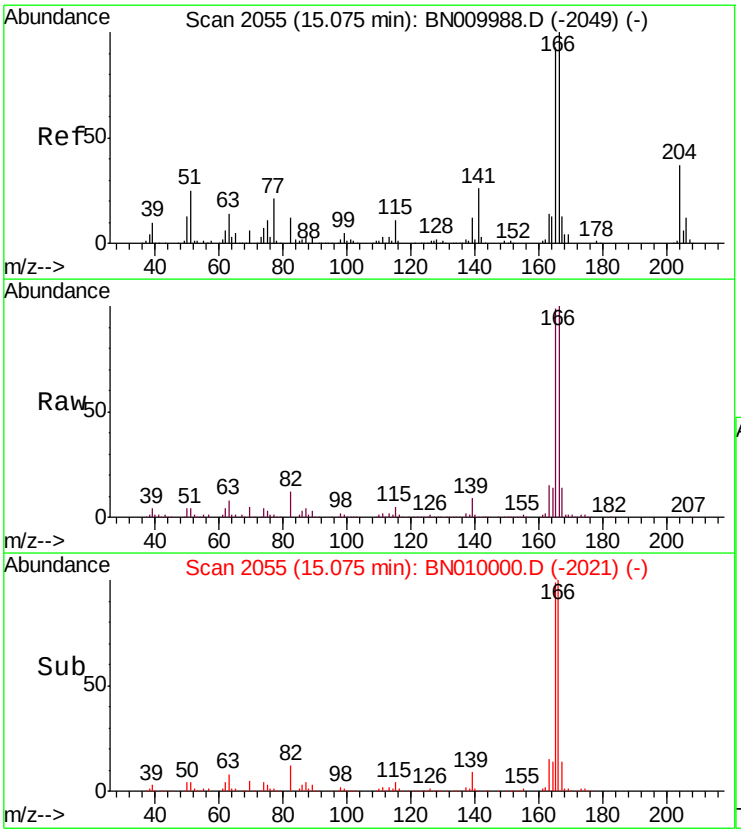
#54
Dibenzofuran
Concen: 21.498 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:168 Resp: 439362

Ion	Ratio	Lower	Upper
168	100		
139	38.2	32.7	49.1

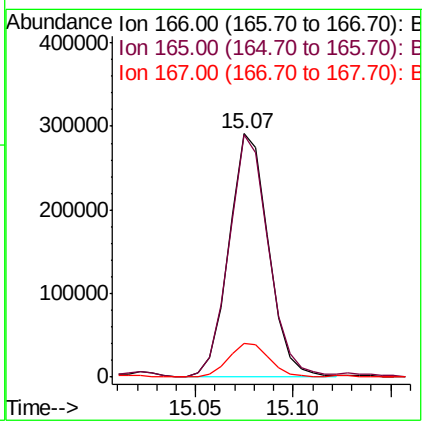


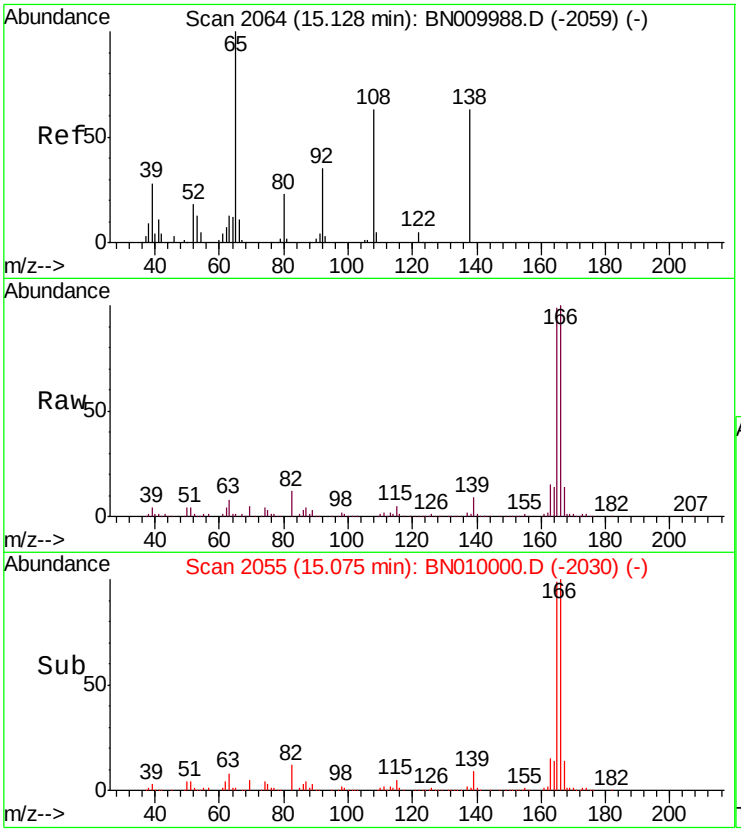


#59
Fluorene
Concen: 23.589 ng/ul
RT: 15.07 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:166 Resp: 404592

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.9	10.7	16.1



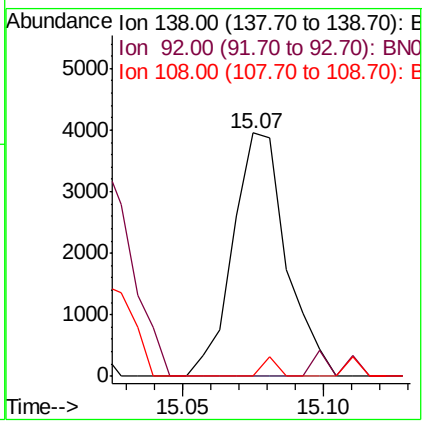


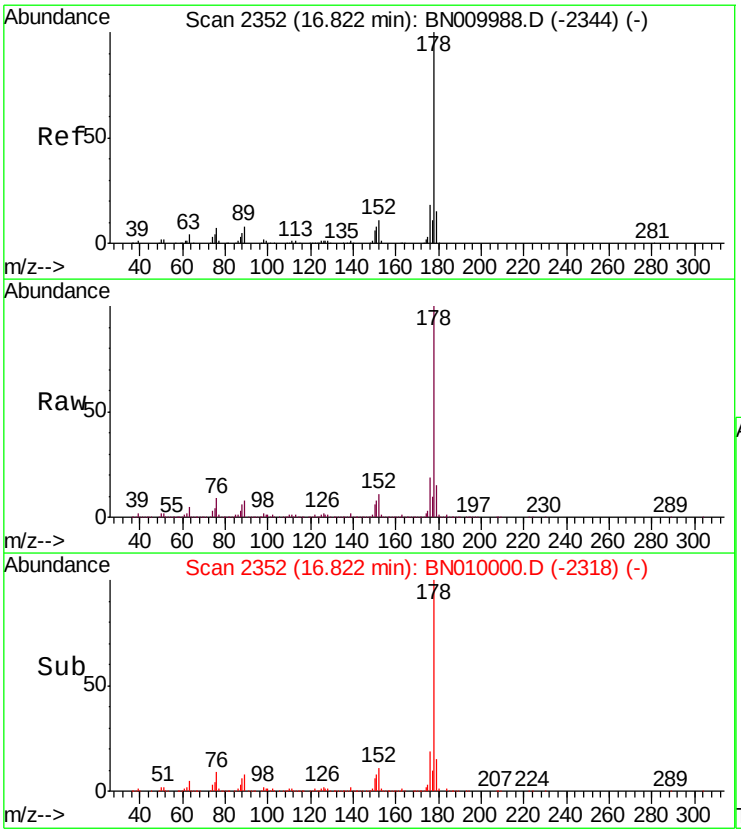
#61
4-Nitroaniline
Concen: 1.357 ng/ul
RT: 15.07 min Scan# 2055
Delta R.T. -0.05 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:138 Resp: 5201

Ion	Ratio	Lower	Upper
138	100		
92	0.0	47.8	71.6#
108	0.0	72.3	108.5#

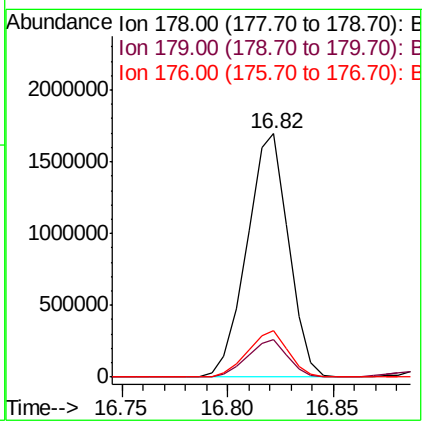


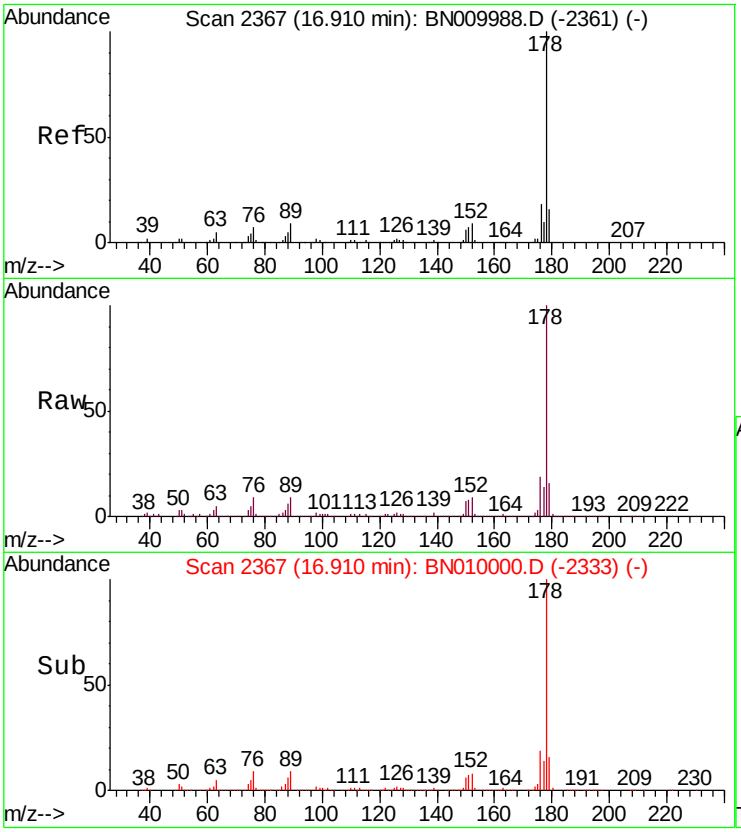


#70
Phenanthrene
Concen: 80.429 ng/ul
RT: 16.82 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:178 Resp: 2312675

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	18.9	14.6	22.0



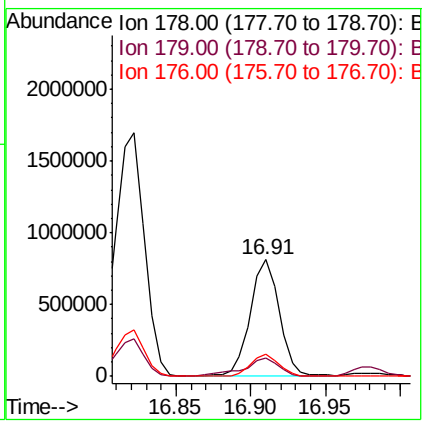


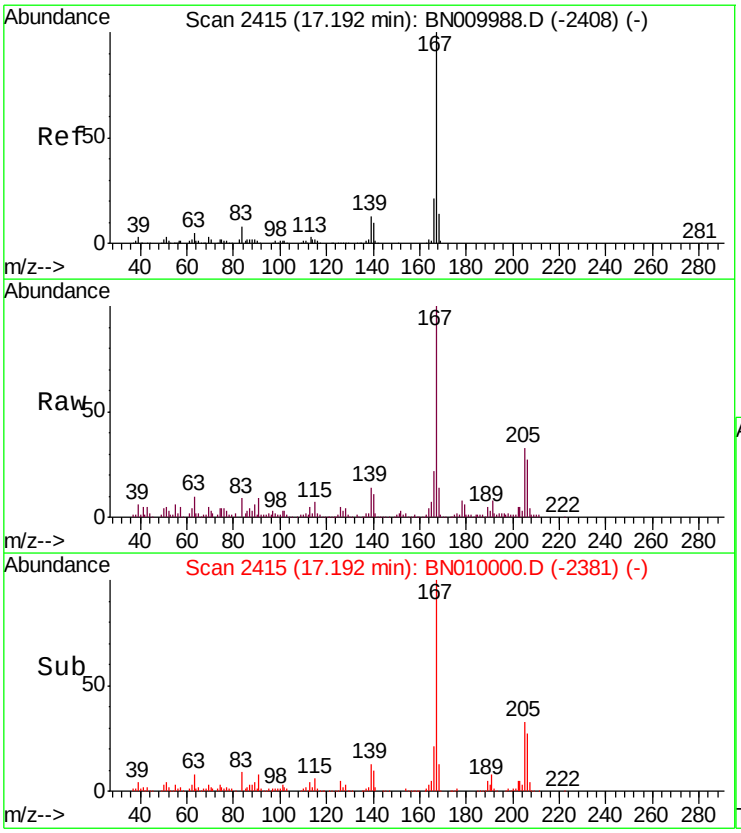
#72
Anthracene
Concen: 37.139 ng/ul
RT: 16.91 min Scan# 2367
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:178 Resp: 1091682

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	19.3	14.6	21.8

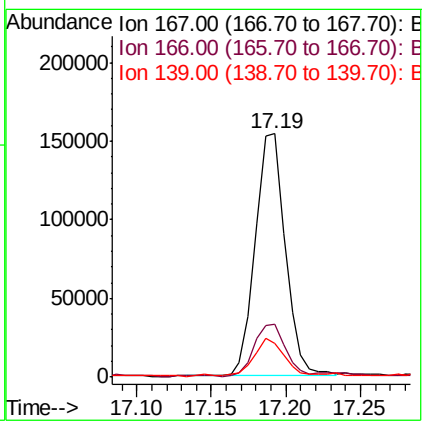


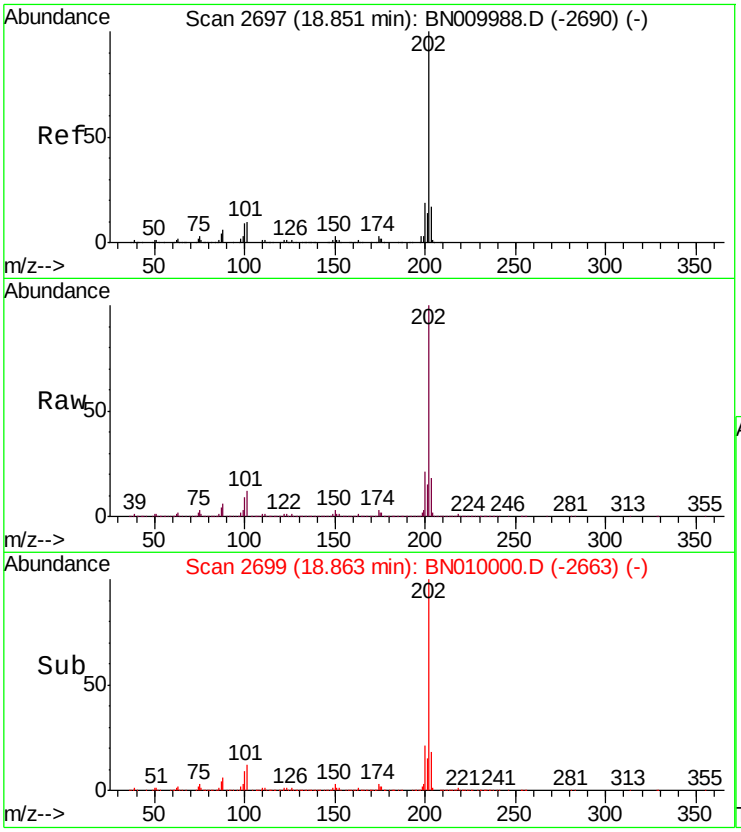


#75
Carbazole
Concen: 8.323 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:167 Resp: 215436

Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.6	24.8
139	14.0	9.9	14.9



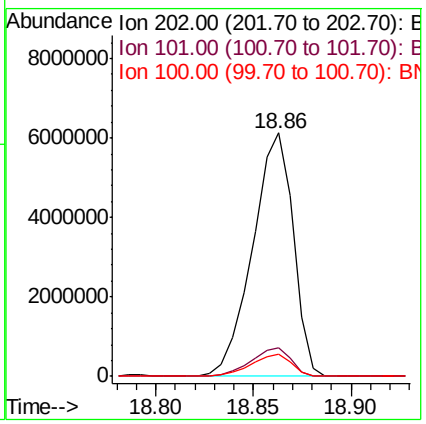


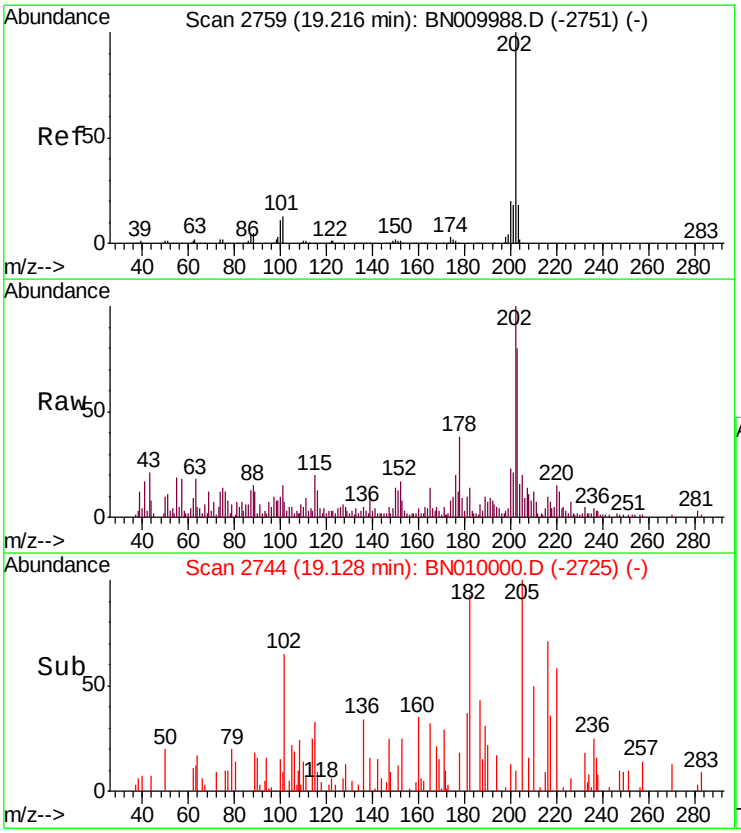
#77
Fluoranthene
Concen: 261.888 ng/ul
RT: 18.86 min Scan# 2699
Delta R.T. 0.01 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:202 Resp: 8820777

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.4	14.2
100	8.9	7.2	10.8

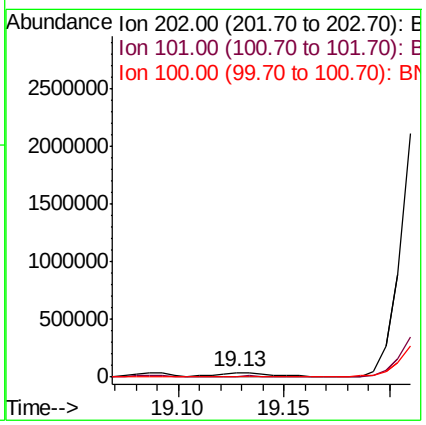


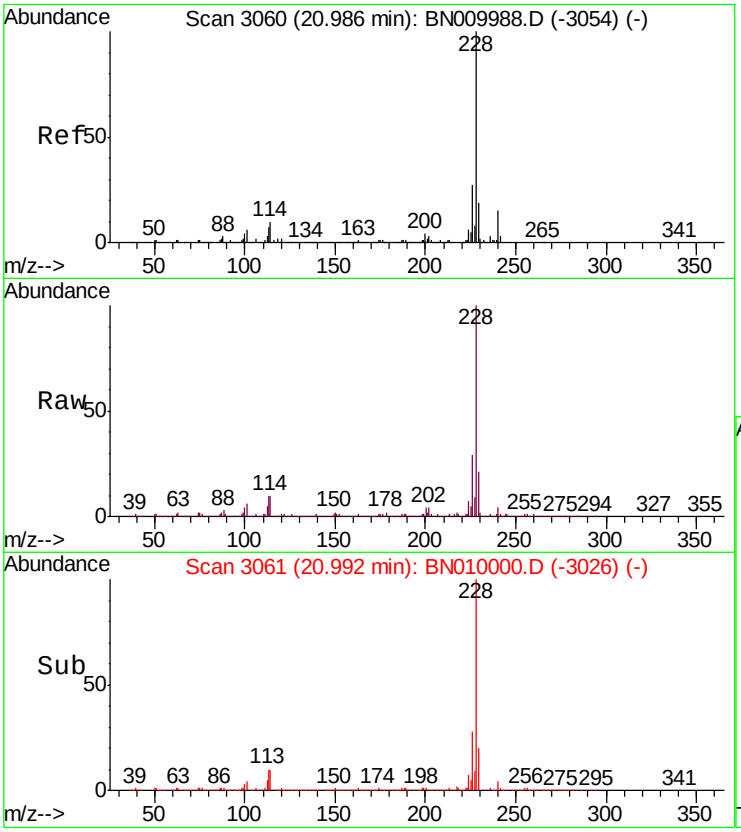


#80
Pyrene
Concen: 1.764 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.09 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:202 Resp: 62124

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.3	16.9
100	9.8	9.0	13.6



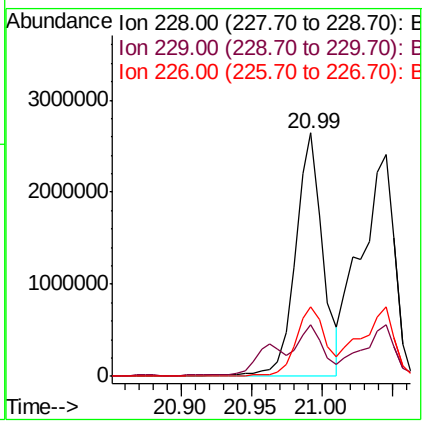


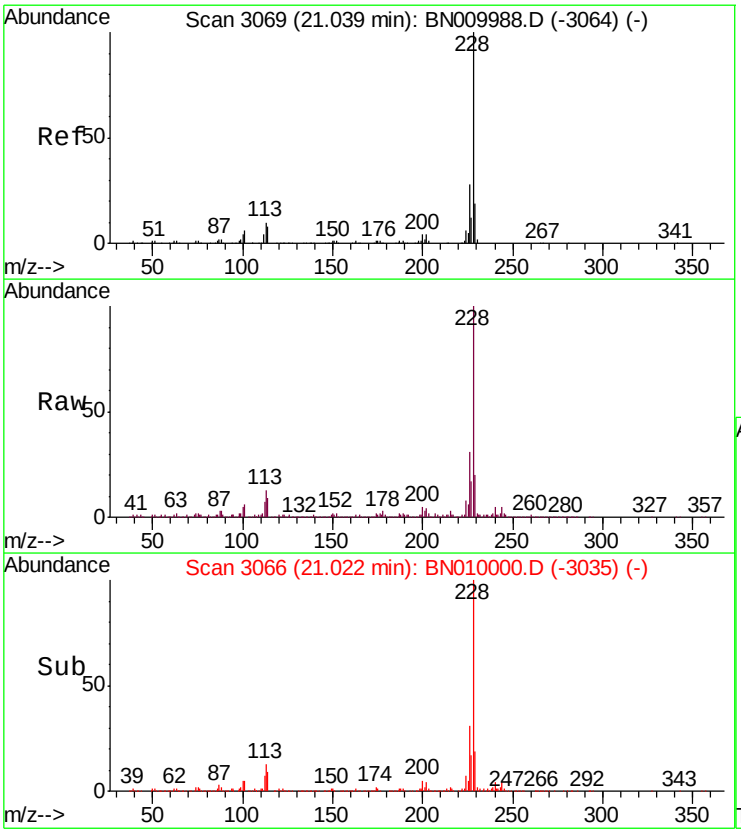
#83
Benzo(a)anthracene
Concen: 104.235 ng/ul
RT: 20.99 min Scan# 3061
Delta R.T. 0.01 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:228 Resp: 3498400

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.0	22.4
226	28.7	21.4	32.2

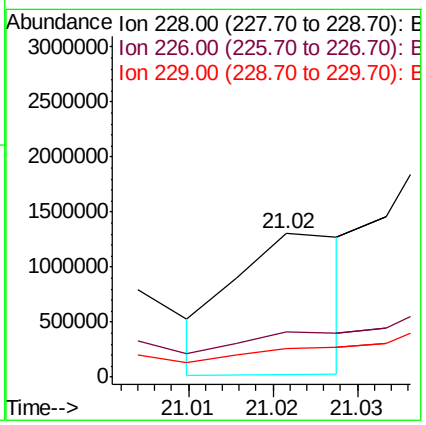


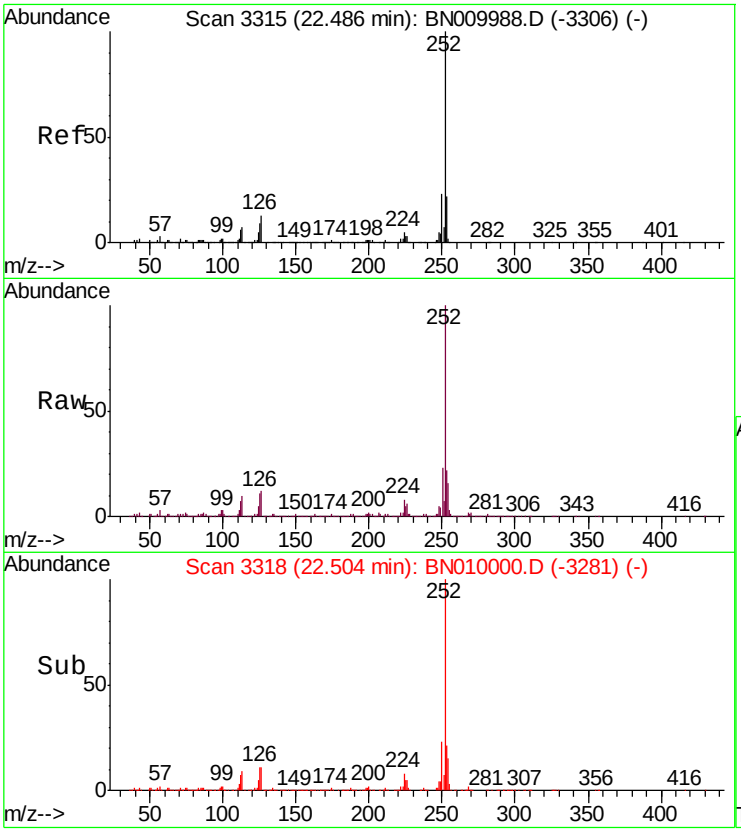


#85
Chrysene
Concen: 36.411 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.02 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:228 Resp: 1203091

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.2
229	19.6	15.0	22.4



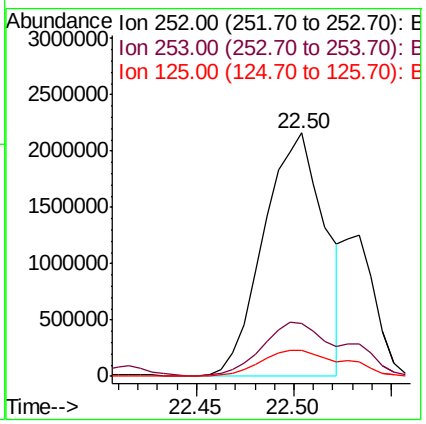


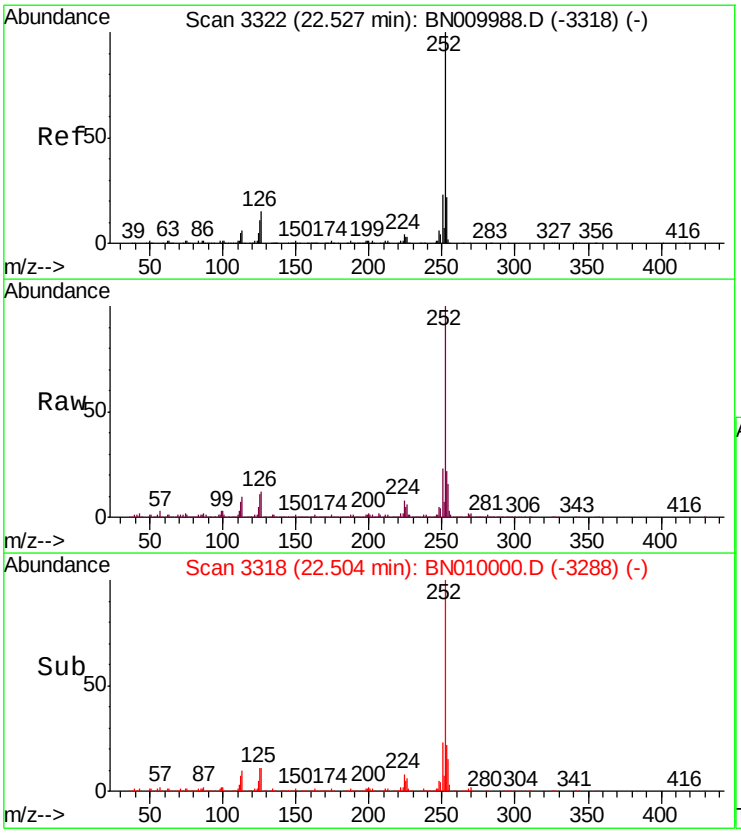
#88
Benzo(b)fluoranthene
Concen: 142.728 ng/ul
RT: 22.50 min Scan# 3318
Delta R.T. 0.02 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:252 Resp: 4673918

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	10.7	8.0	12.0

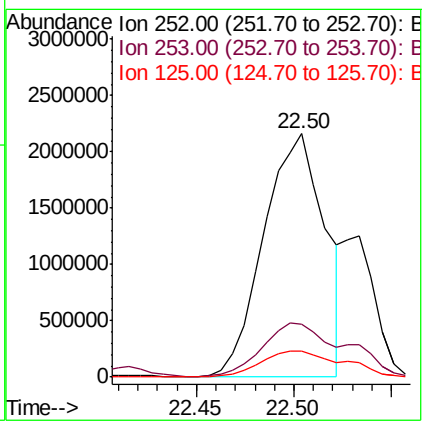


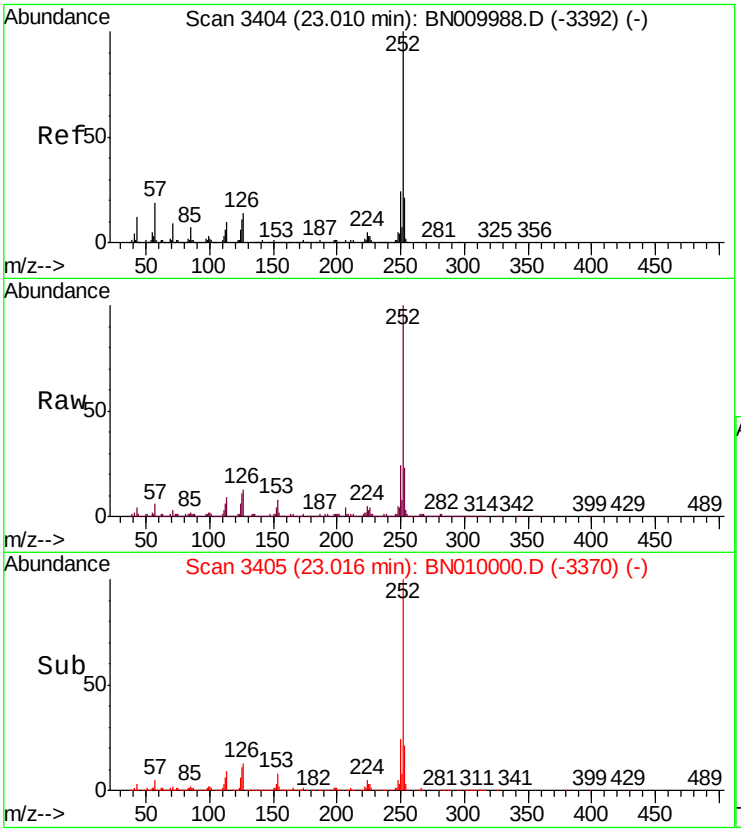


#89
Benzo(k)fluoranthene
Concen: 150.735 ng/ul
RT: 22.50 min Scan# 3318
Delta R.T. -0.02 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:252 Resp: 4673918

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.7	8.2	12.2



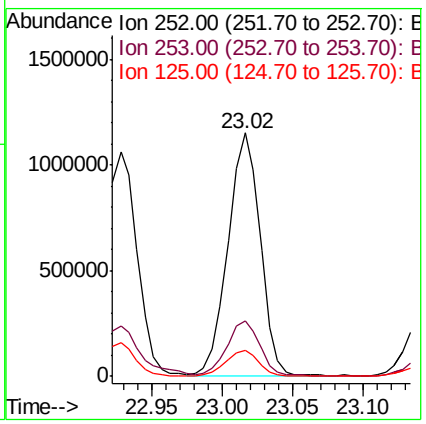


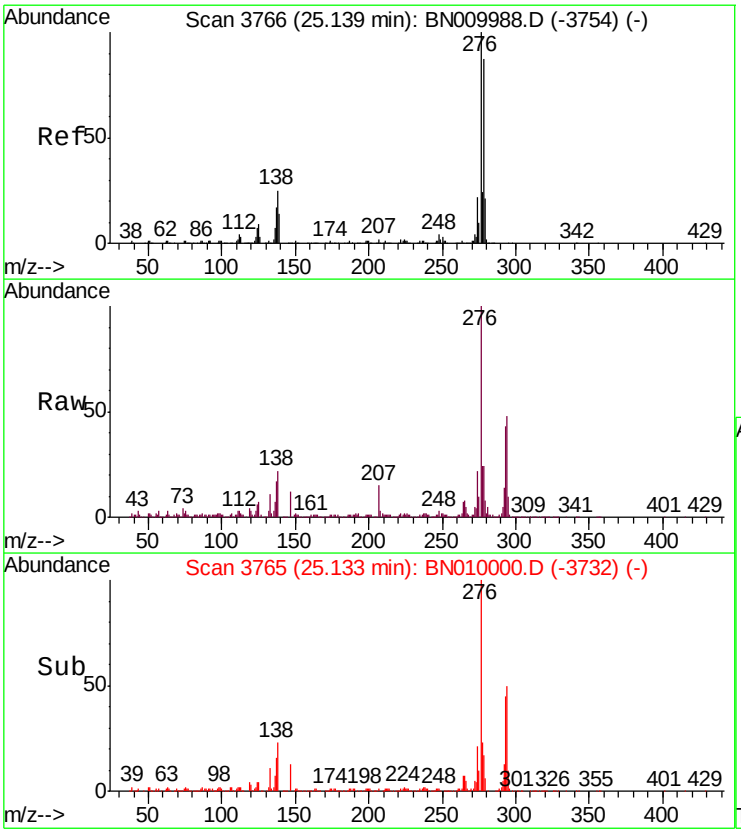
#91
Benzo(a)pyrene
Concen: 61.734 ng/ul
RT: 23.02 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:252 Resp: 1818265

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	10.7	9.0	13.6

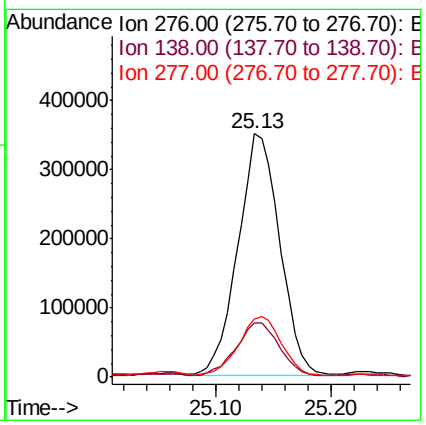


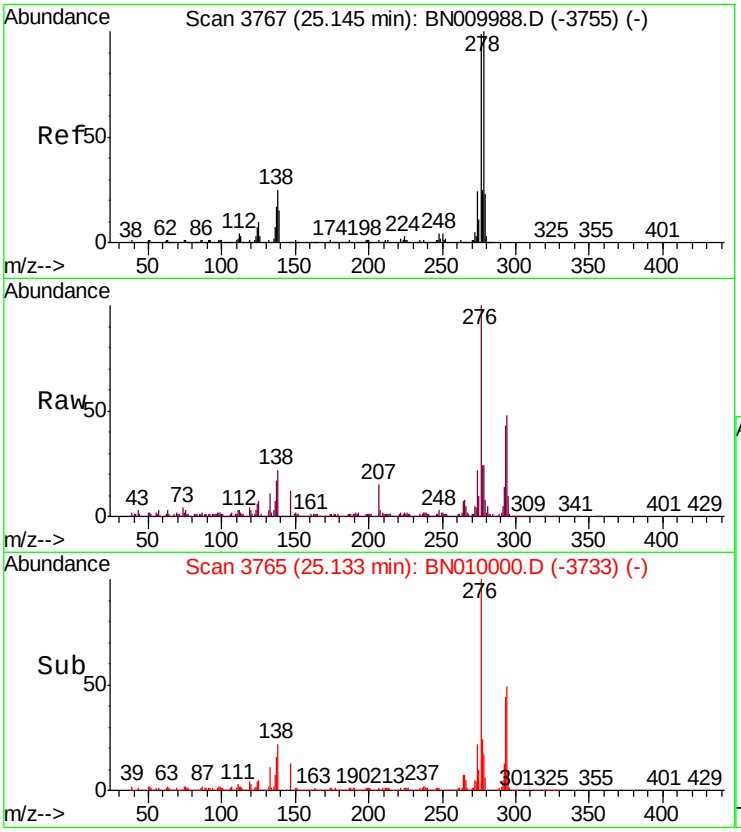


#92
Indeno(1,2,3-cd)pyrene
Concen: 25.273 ng/ul
RT: 25.13 min Scan# 3765
Delta R.T. -0.01 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:276 Resp: 883745

Ion	Ratio	Lower	Upper
276	100		
138	22.3	20.9	31.3
277	24.0	18.2	27.4



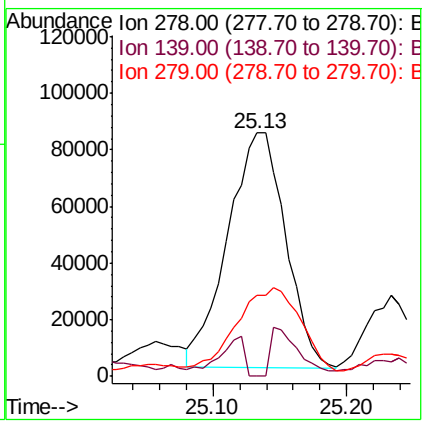


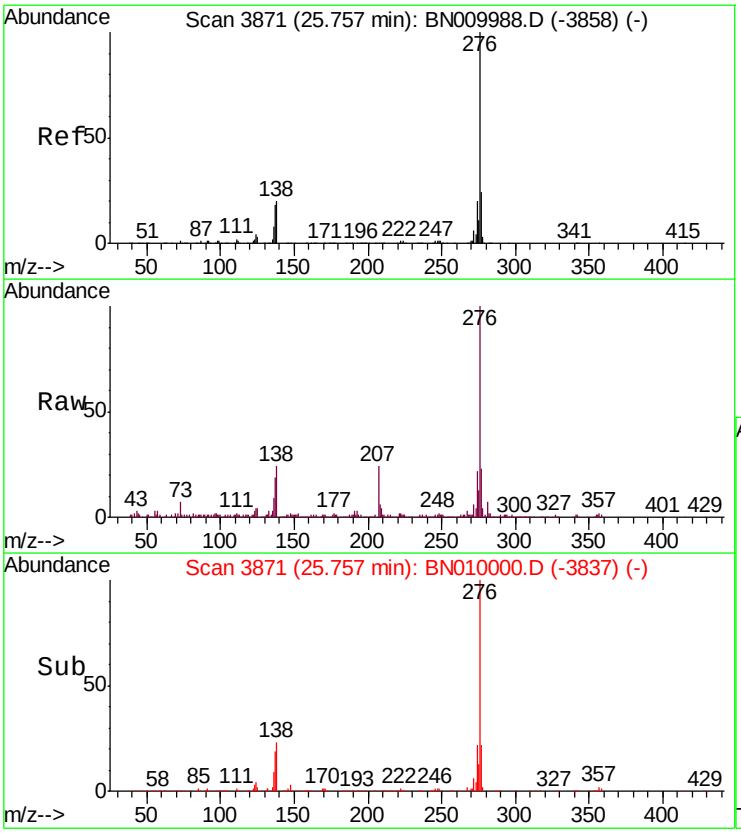
#93
Dibenzo(a,h)anthracene
Concen: 8.329 ng/ul
RT: 25.13 min Scan# 3765
Delta R.T. -0.01 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Instrument :
BNA_N
ClientSampleId :
DBD12

Tgt Ion:278 Resp: 249150

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	33.4	17.5	26.3#





#94
Benzo(g,h,i)perylene
Concen: 18.592 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. 0.00 min
Lab File: BN010000.D
Acq: 28 Feb 2020 23:44

Tgt Ion:276 Resp: 545123

Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.5	26.3
277	23.4	18.1	27.1