Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\

Quantitation Report (Not Reviewed)

Data File : BN009881.D
Acq On : 25 Feb 2020 01:52
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6

Quant Time: Feb 25 02:43:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 02:39:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	127331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	503013	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	332257	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.82	188	644228	20.00	ng/ul	0.04
78) Chrysene-d12	21.06	240	7436	20.00	ng/ul	0.06
86) Perylene-d12	23.12	264	557027	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	7939	2.56	ng/uL	0.01
5) Phenol-d5	6.59	99	170543	15.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	128123	17.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	146581	17.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	84640	9.82	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	70683	19.21	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	75943	18.86	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	141112	18.23	ng/ul	0.01
29) 4-Chloroaniline-d4	10.32	131	17371	2.00	ng/ul	0.04
44) Dimethylphthalate-d6	13.46	166	436291	17.58	ng/ul	0.01
47) Acenaphthylene-d8	13.73	160	502529	17.19	ng/ul	0.02
52) 4-Nitrophenol-d4	14.28	143	111075	24.51	ng/ul	0.01
58) Fluorene-d10	15.05	176	373430	17.43	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.21	200	71886	17.96	ng/ul	0.02
71) Anthracene-d10	16.92	188	551460	18.67	ng/ul	0.04
79) Pyrene-d10	19.26	212	6942	17.86	ng/ul	0.07
90) Benzo(a)pyrene-d12	22.99	264	523372	18.81	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.22	105	16588	1.182	ng/ul#	63
21) Isophorone	9.07	82	87056	4.562	ng/ul#	1
23) 2-Nitrophenol	9.28	139	11281	2.504	ng/ul#	1
24) 2,4-Dimethylphenol	9.35	107	202679	20.722	ng/ul#	34
32) Caprolactam	11.08	113	3149	1.203	ng/ul#	1
33) 4-Chloro-3-methylphenol	11.42	107	48991	5.487	ng/ul#	23
43) 2-Nitroaniline	13.15	65	22338	3.014	ng/ul#	76
45) Dimethylphthalate	13.50	163	73076	2.822	ng/ul#	60
46) 2,6-Dinitrotoluene	13.66	165	40250	7.940	ng/ul#	8
48) Acenaphthylene	13.78	152	187317	5.921	ng/ul#	1
49) 3-Nitroaniline	13.95	138	134439	28.724	ng/ul#	13
53) 4-Nitrophenol	14.30	109	144950	35.441	ng/ul#	1
55) 2,4-Dinitrotoluene	14.47	165	20951	2.788	ng/ul#	57
56) 2,3,4,6-Tetrachlorophenol	14.69	232	582746	101.077	ng/ul#	85
60) 4-Chlorophenyl-phenylether	15.12	204	29547	2.345	ng/ul#	1
64) 4,6-Dinitro-2-methylphenol	15.25	198	15666	3.634	ng/ul#	1
65) N-Nitrosodiphenylamine	15.34	169	701975	36.725	ng/ul#	39
69) Pentachlorophenol	16.52	266	14657926	3555.866	ng/ul	91
70) Phenanthrene	16.85	178	70224	1.910	ng/ul#	1
72) Anthracene	16.95	178	115066	3.061	ng/ul#	23
77) Fluoranthene	18.88	202	321332	7.461	ng/ul#	90
80) Pyrene	19.25	202	3180794	5933.185	ng/ul	96
81) Butylbenzylphthalate	20.23	149	6202	28.141	ng/ul#	1

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\

Quantitation Report (Not Reviewed)

Data File : BN009881.D
Acq On : 25 Feb 2020 01:52
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AT6

Quant Time: Feb 25 02:43:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 02:39:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 3,3'-Dichlorobenzidine	21.00	252	1286	7.932	ng/ul#	38
83) Benzo(a)anthracene	21.03	228	272073	532.424	ng/ul#	57
84) Bis(2-ethylhexyl)phthalate	21.00	149	2045	6.078	ng/ul#	1
85) Chrysene	21.10	228	7285	14.481	ng/ul#	1
88) Benzo(b)fluoranthene	22.50	252	113558	3.144	ng/ul#	62
89) Benzo(k)fluoranthene	22.50	252	113558	3.321	ng/ul#	65
91) Benzo(a)pyrene	23.03	252	35577	1.095	ng/ul#	30

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

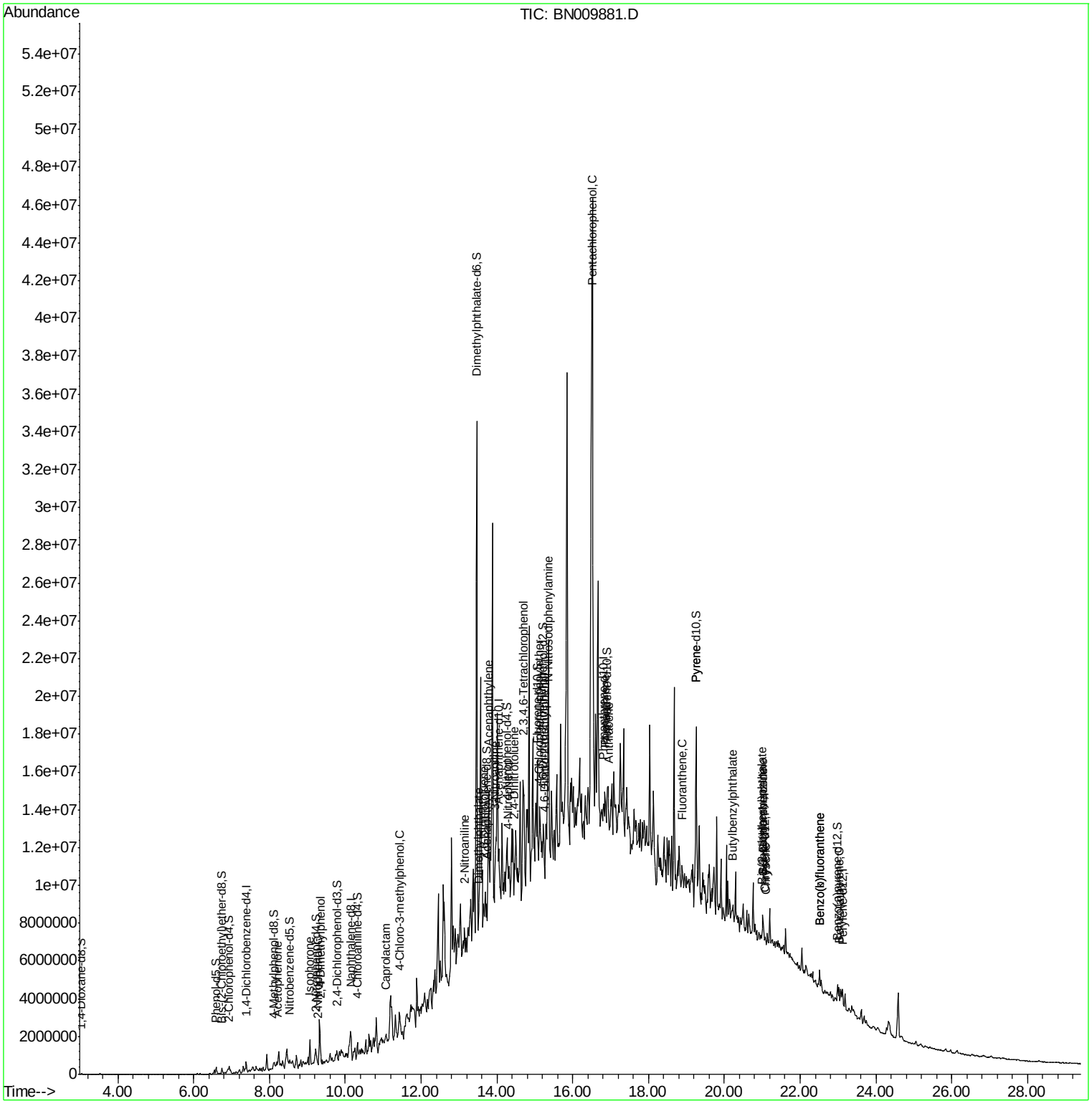
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\

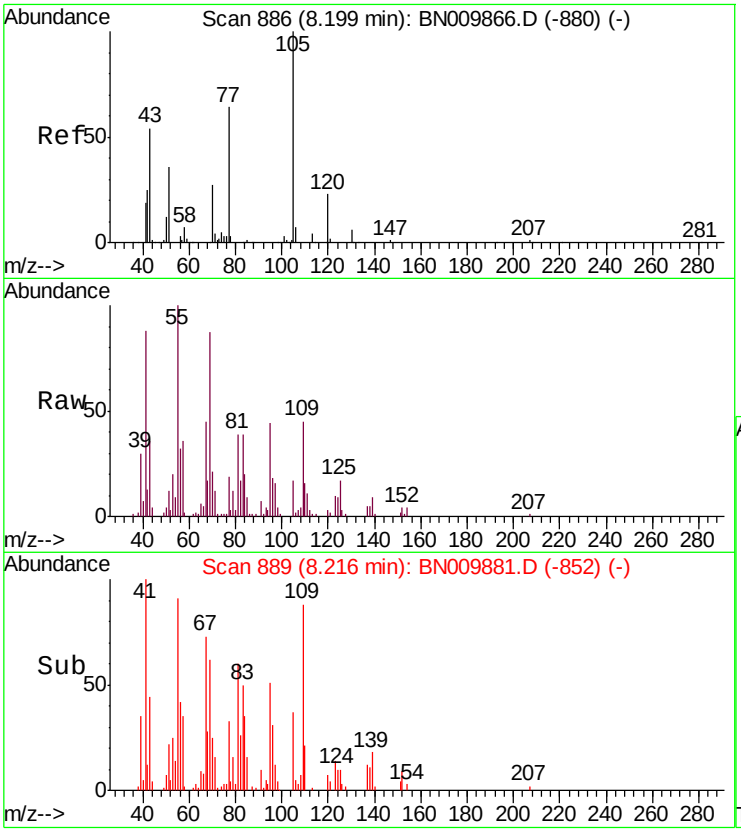
Quantitation Report (Not Reviewed)

Data File : BN009881.D
Acq On : 25 Feb 2020 01:52
Operator : CG/JU
Sample : L1418-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AT6

Quant Time: Feb 25 02:43:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 02:39:29 2020
Response via : Initial Calibration



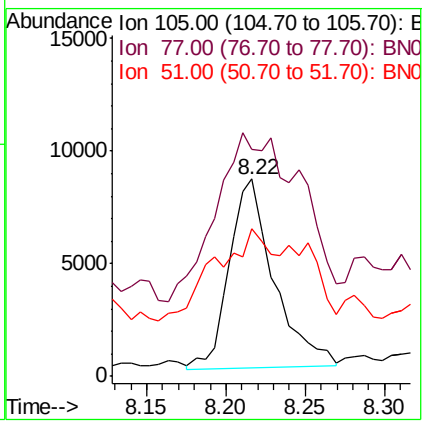


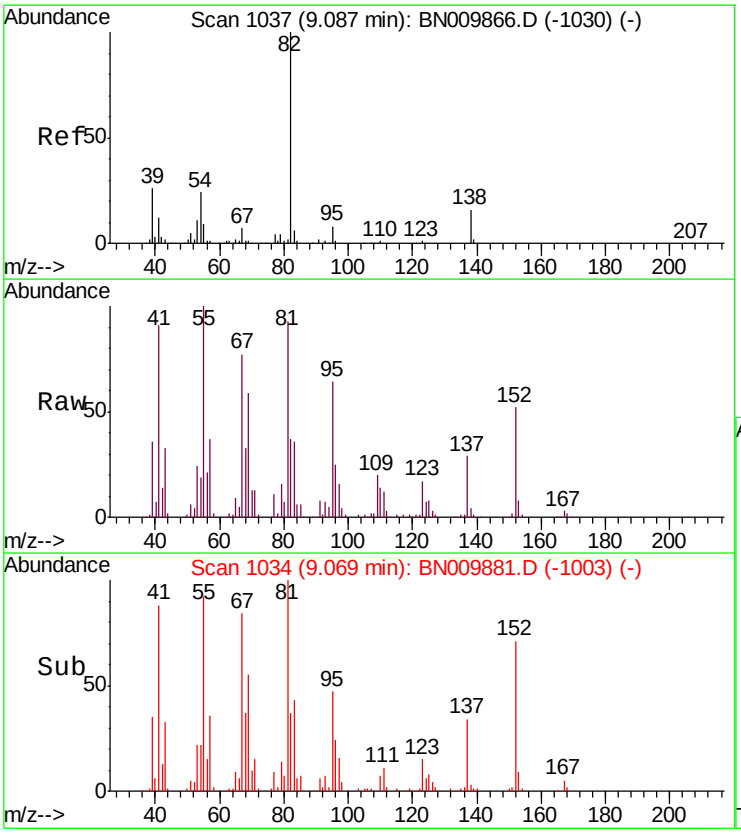
#14
Acetophenone
Concen: 1.182 ng/ul
RT: 8.22 min Scan# 889
Delta R.T. 0.02 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:105 Resp: 16588

Ion	Ratio	Lower	Upper
105	100		
77	115.3	68.9	103.3#
51	75.0	35.6	53.4#

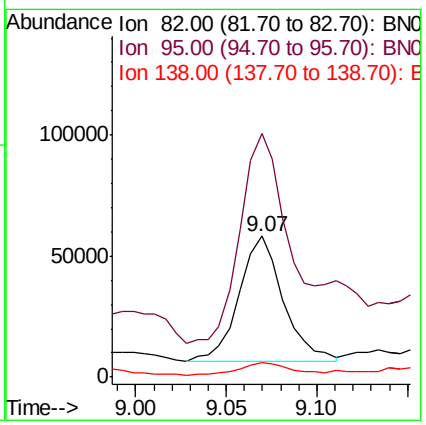


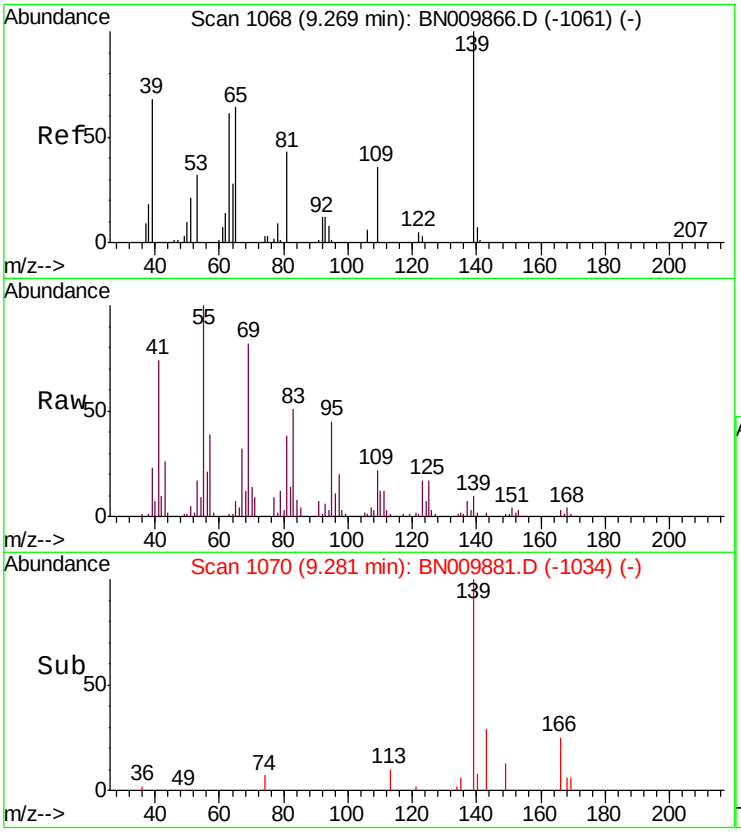


#21
Isophorone
Concen: 4.562 ng/ul
RT: 9.07 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion: 82 Resp: 87056

Ion	Ratio	Lower	Upper
82	100		
95	173.1	6.0	9.0#
138	9.9	12.6	19.0#



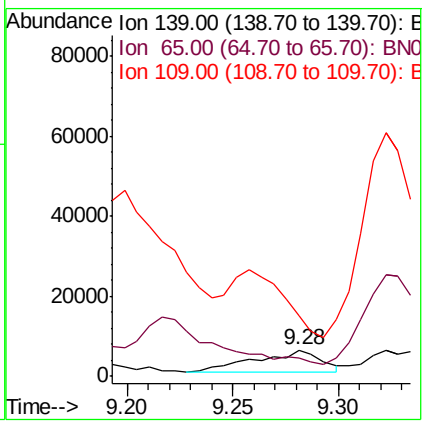


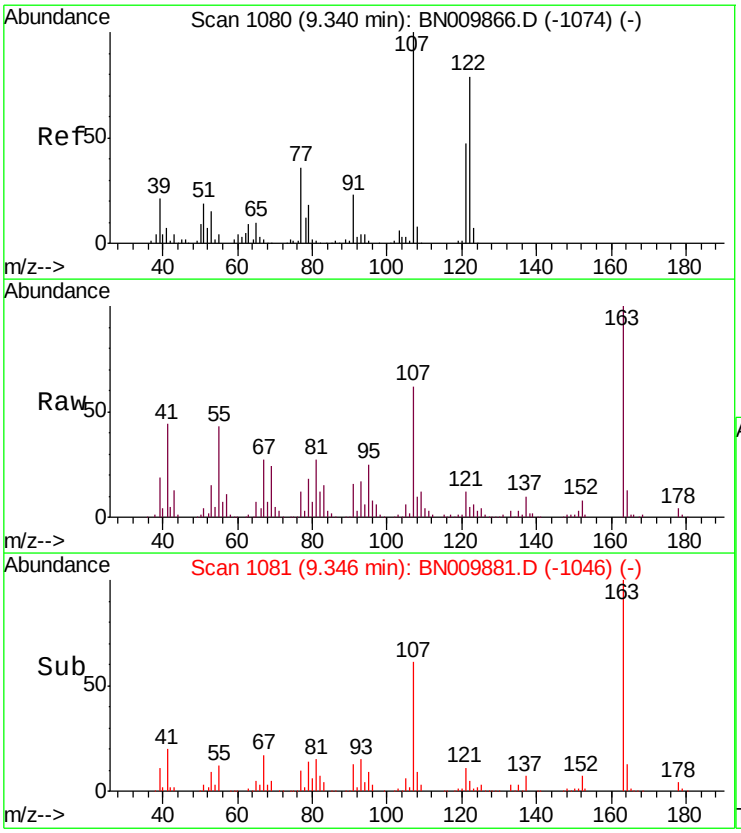
#23
2-Nitrophenol
Concen: 2.504 ng/ul
RT: 9.28 min Scan# 1070
Delta R.T. 0.01 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:139 Resp: 11281

Ion	Ratio	Lower	Upper
139	100		
65	68.7	58.0	87.0
109	225.4	28.8	43.2#

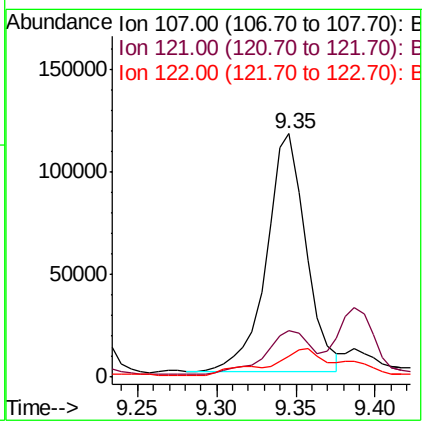


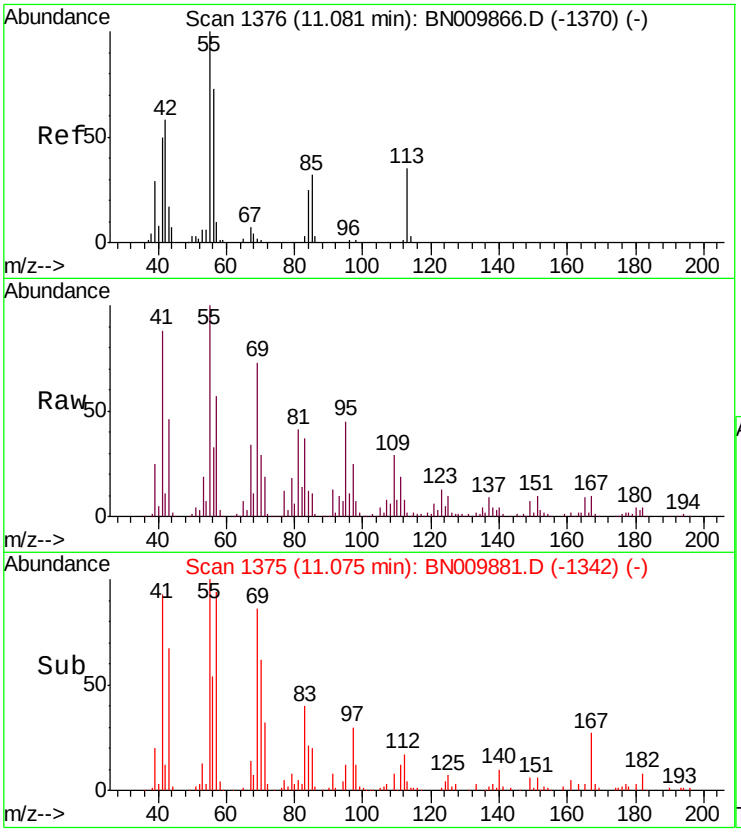


#24
2,4-Dimethylphenol
Concen: 20.722 ng/ul
RT: 9.35 min Scan# 1081
Delta R.T. 0.01 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:107 Resp: 202679

Ion	Ratio	Lower	Upper
107	100		
121	19.3	38.5	57.7#
122	8.6	62.9	94.3#



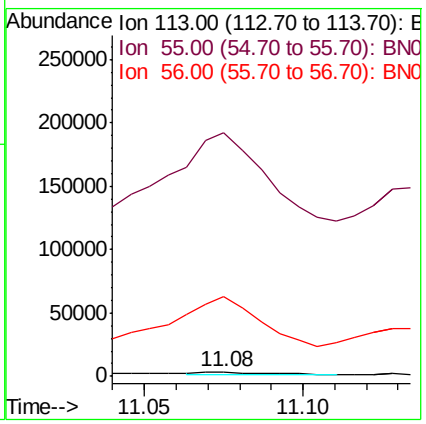


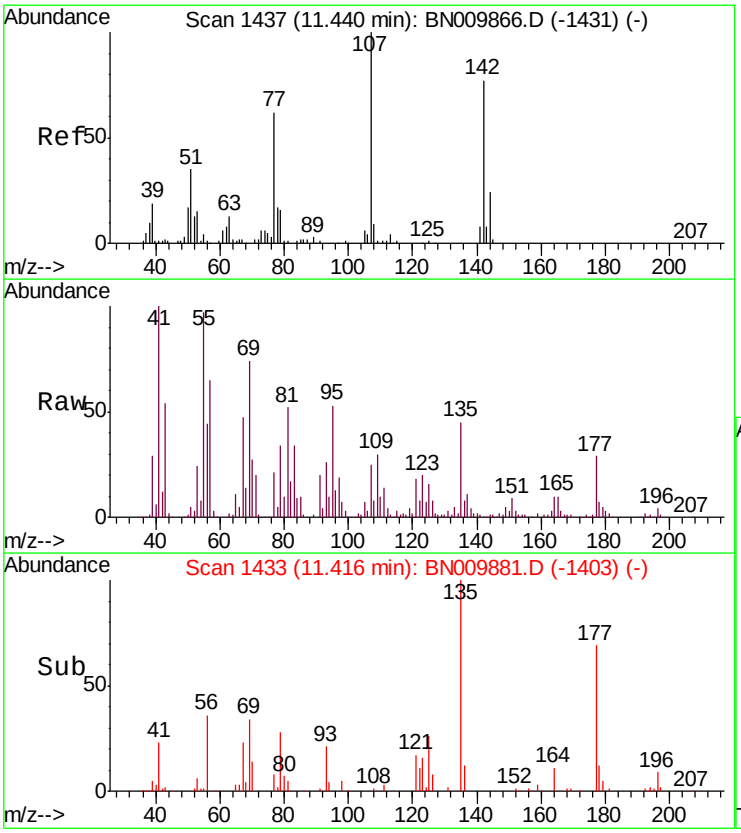
#32
Caprolactam
Concen: 1.203 ng/ul
RT: 11.08 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:113 Resp: 3149

Ion	Ratio	Lower	Upper
113	100		
55	5334.2	209.1	313.7#
56	1755.4	161.6	242.4#

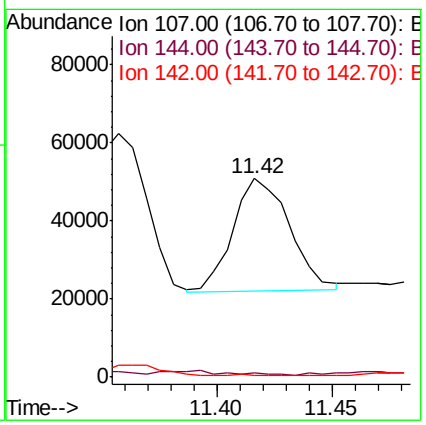


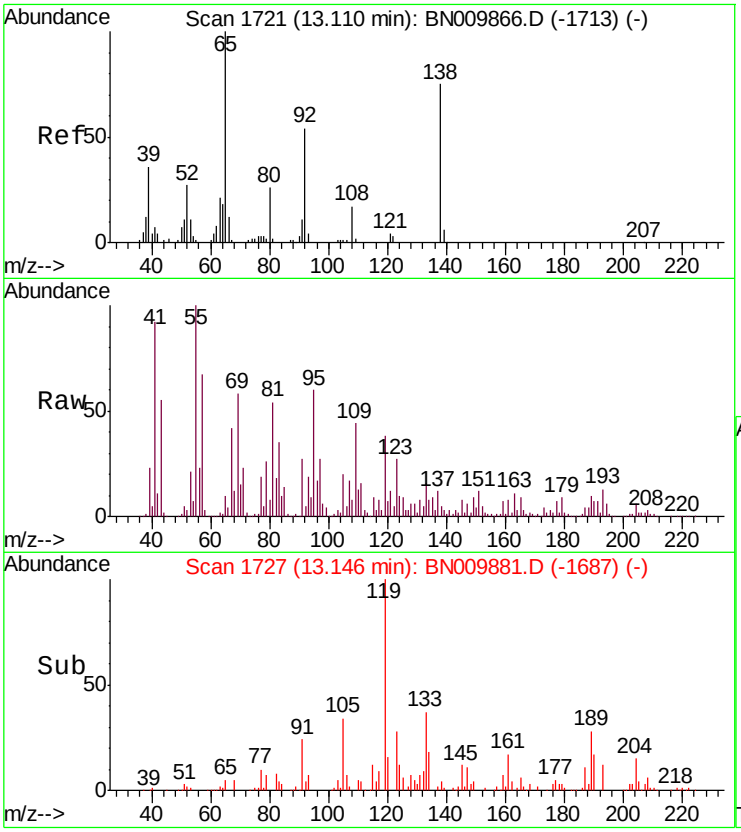


#33
4-Chloro-3-methylphenol
Concen: 5.487 ng/ul
RT: 11.42 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:107 Resp: 48991

Ion	Ratio	Lower	Upper
107	100		
144	2.1	19.3	28.9#
142	0.7	59.5	89.3#



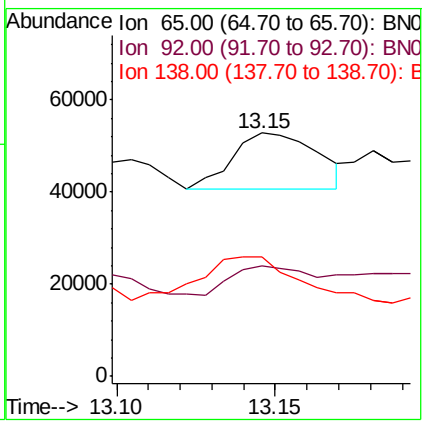


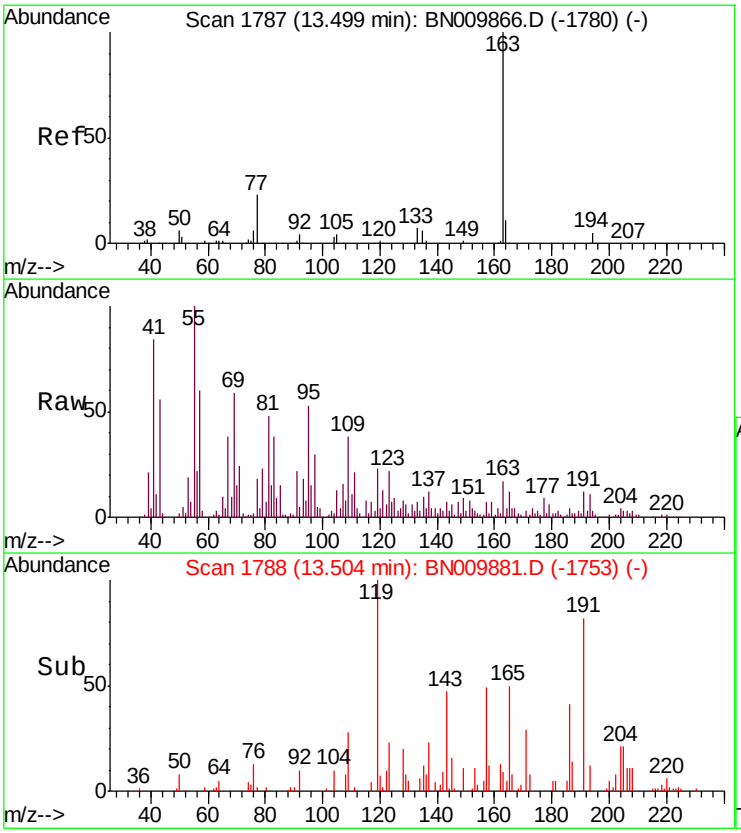
#43
2-Nitroaniline
Concen: 3.014 ng/ul
RT: 13.15 min Scan# 1727
Delta R.T. 0.04 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion: 65 Resp: 22338

Ion	Ratio	Lower	Upper
65	100		
92	45.6	43.6	65.4
138	49.3	61.3	91.9#

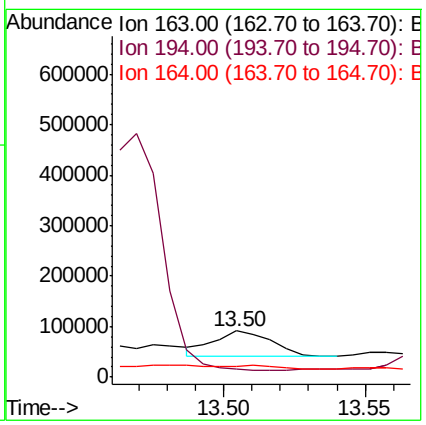


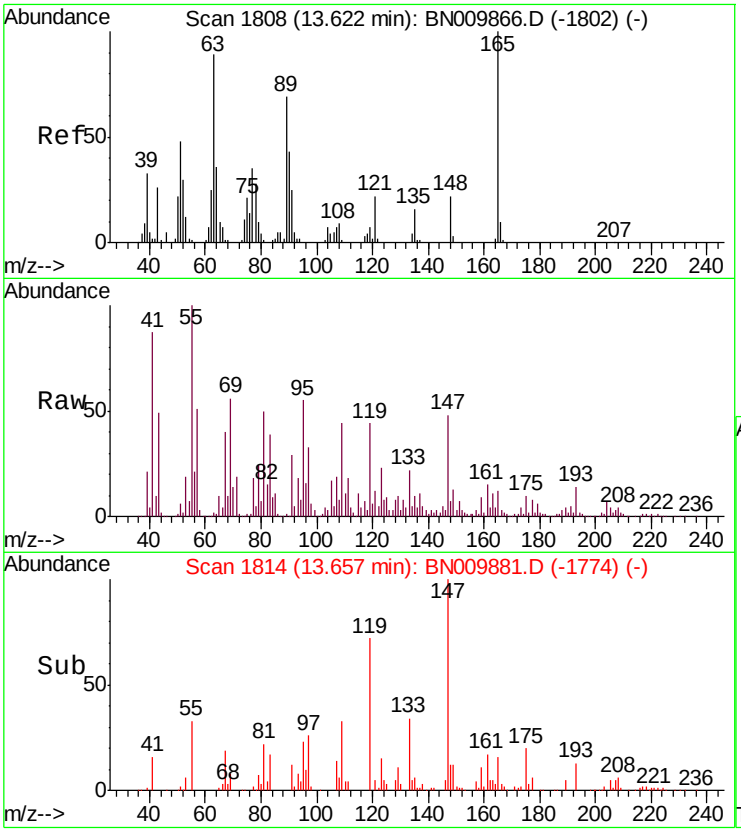


#45
Dimethylphthalate
Concen: 2.822 ng/ul
RT: 13.50 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:163 Resp: 73076

Ion	Ratio	Lower	Upper
163	100		
194	17.5	3.4	5.0#
164	24.5	8.0	12.0#



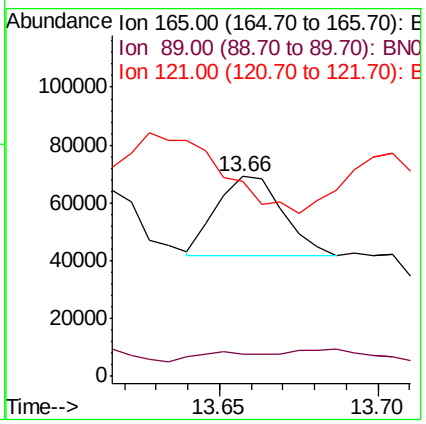


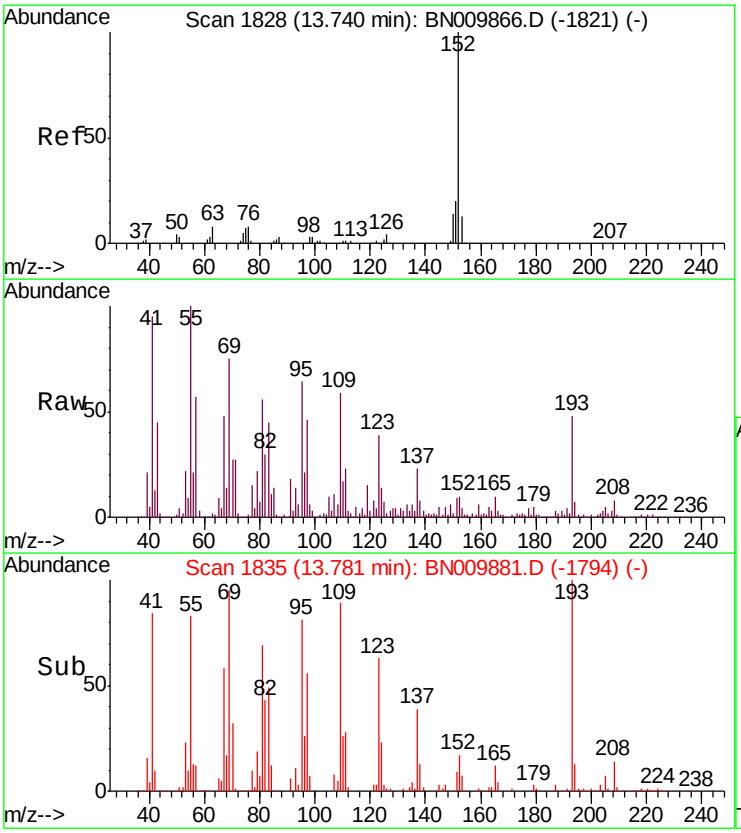
#46
2,6-Dinitrotoluene
Concen: 7.940 ng/ul
RT: 13.66 min Scan# 1814
Delta R.T. 0.04 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:165 Resp: 40250

Ion	Ratio	Lower	Upper
165	100		
89	11.3	54.1	81.1#
121	98.0	18.1	27.1#

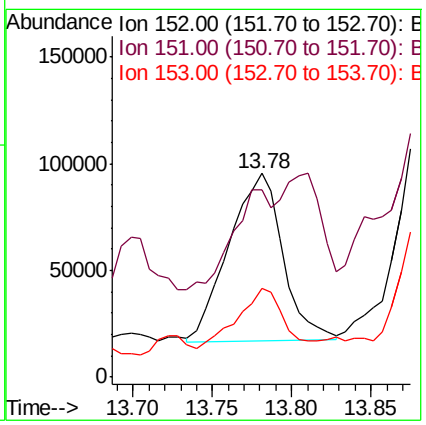


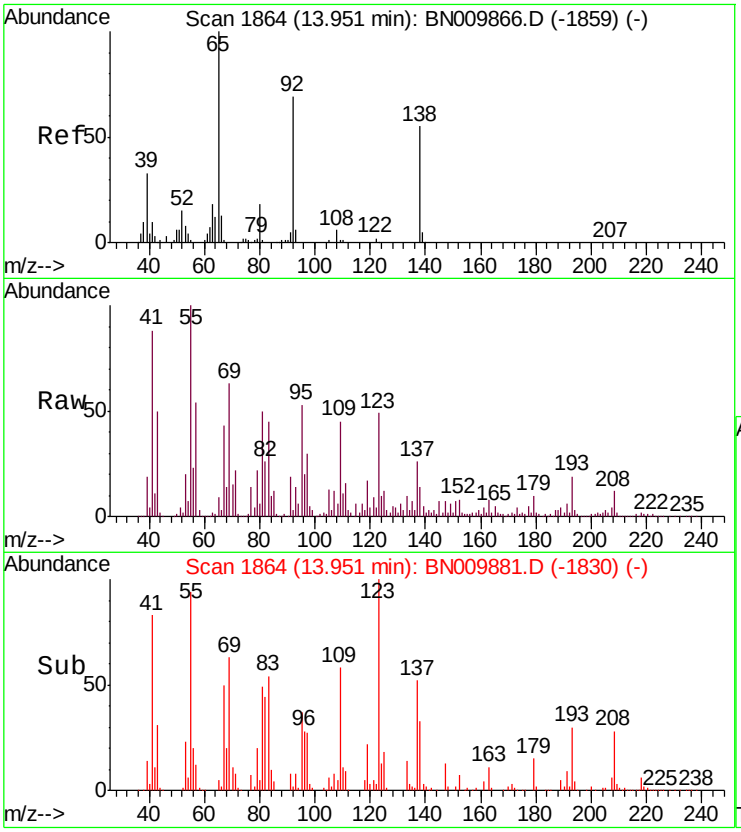


#48
Acenaphthylene
Concen: 5.921 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. 0.04 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:152 Resp: 187317

Ion	Ratio	Lower	Upper
152	100		
151	92.2	15.7	23.5#
153	43.9	10.3	15.5#



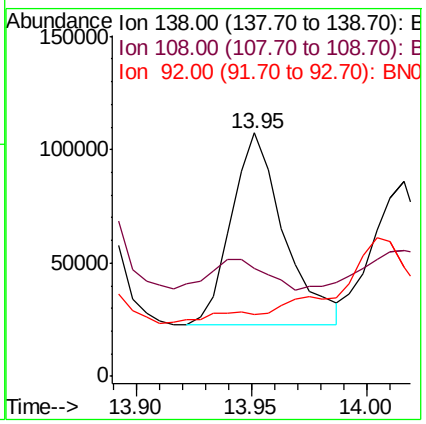


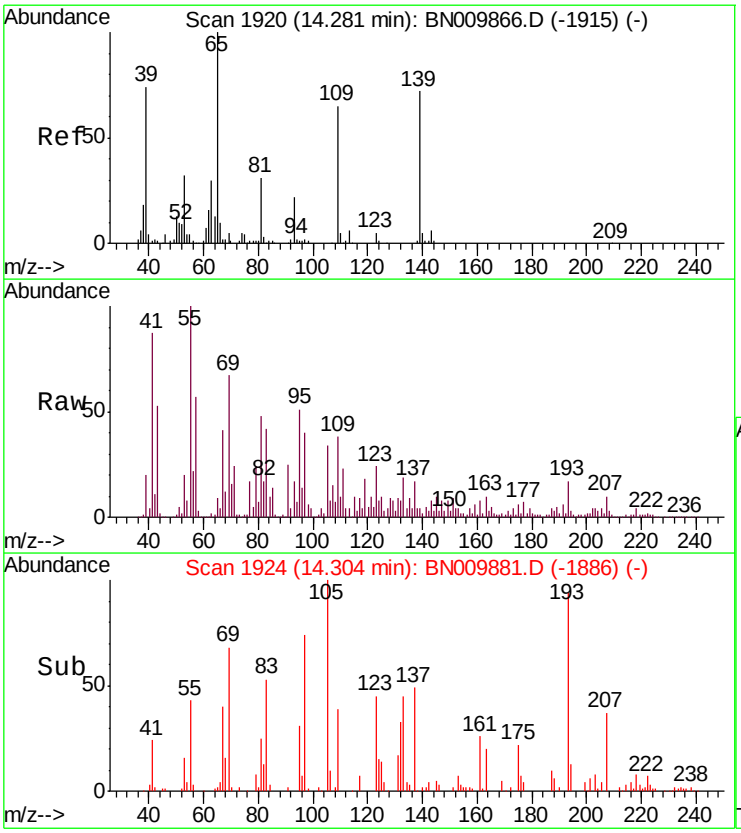
#49
3-Nitroaniline
Concen: 28.724 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:138 Resp: 134439

Ion	Ratio	Lower	Upper
138	100		
108	44.2	8.9	13.3#
92	25.7	99.2	148.8#

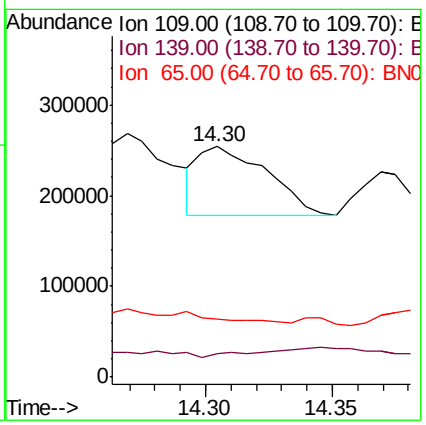


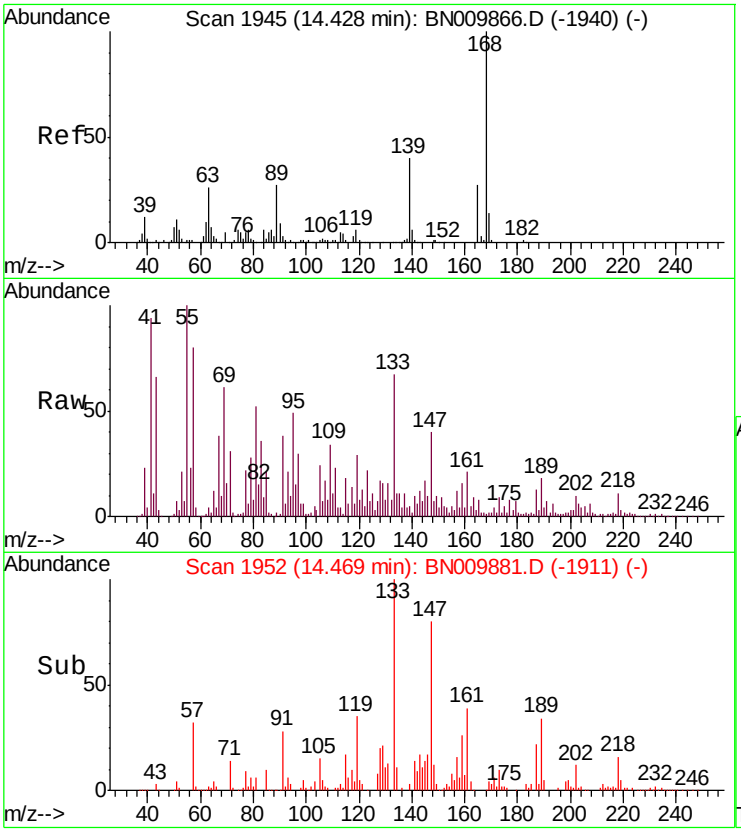


#53
4-Nitrophenol
Concen: 35.441 ng/ul
RT: 14.30 min Scan# 1924
Delta R.T. 0.02 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:109 Resp: 144950

Ion	Ratio	Lower	Upper
109	100		
139	9.9	96.3	144.5#
65	24.9	129.9	194.9#



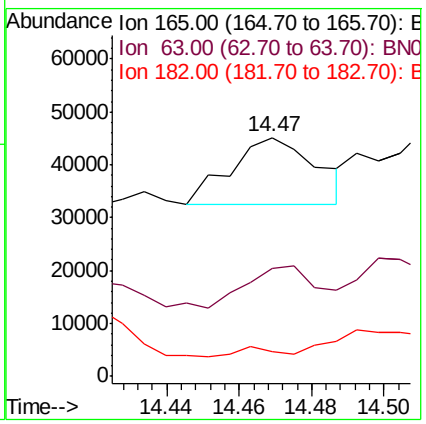


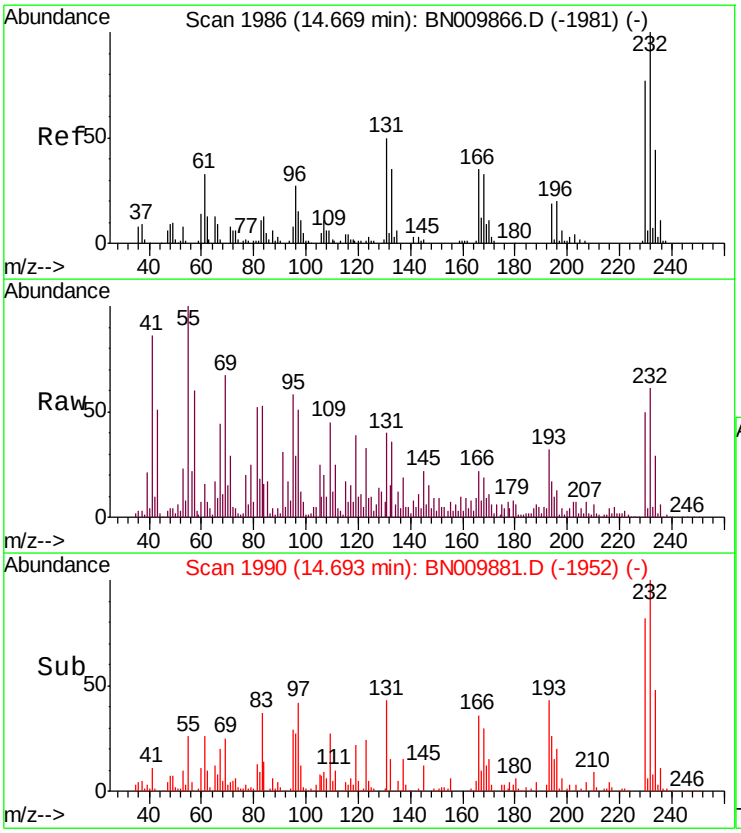
#55
2,4-Dinitrotoluene
Concen: 2.788 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. 0.04 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:165 Resp: 20951

Ion	Ratio	Lower	Upper
165	100		
63	45.5	68.3	102.5#
182	10.2	2.2	3.4#

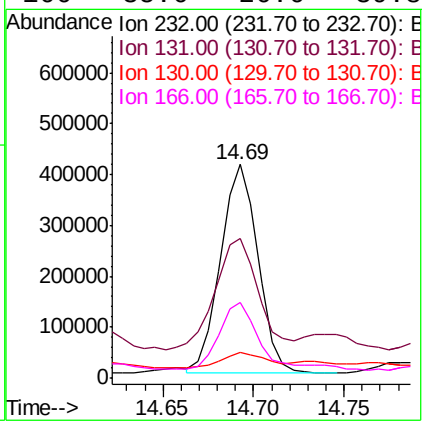


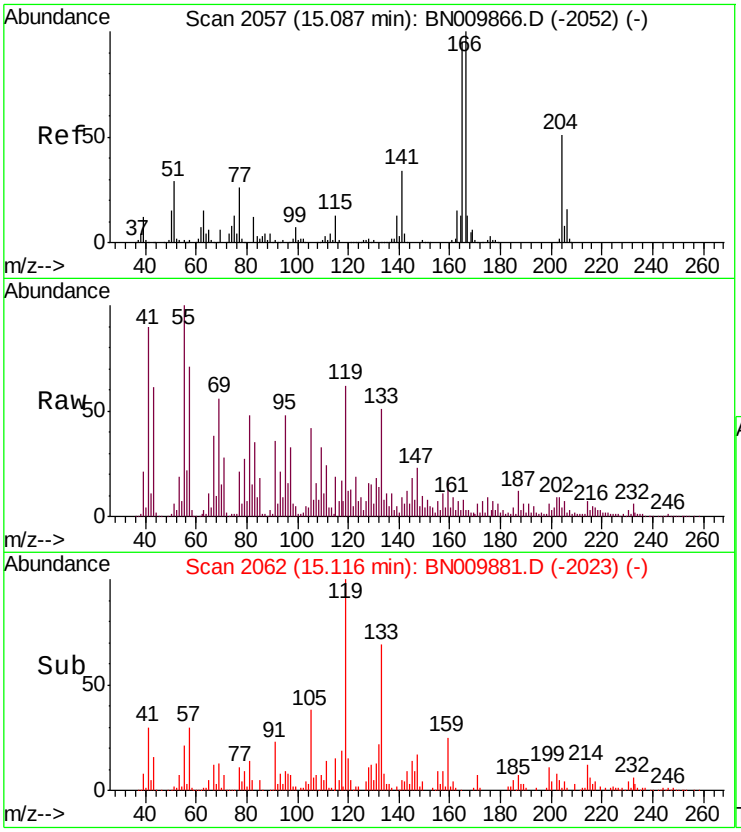


#56
2,3,4,6-Tetrachlorophenol
Concen: 101.077 ng/ul
RT: 14.69 min Scan# 1990
Delta R.T. 0.02 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:232 Resp: 582746

Ion	Ratio	Lower	Upper
232	100		
131	65.2	40.6	60.8#
130	11.9	2.2	3.4#
166	35.6	26.6	39.8



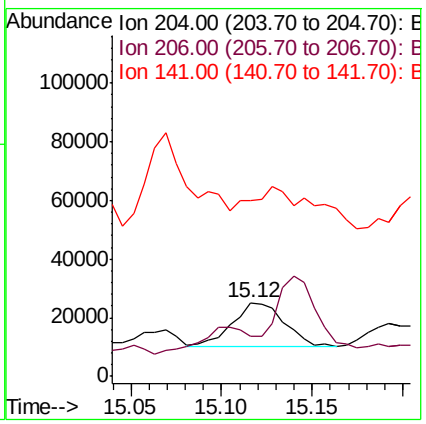


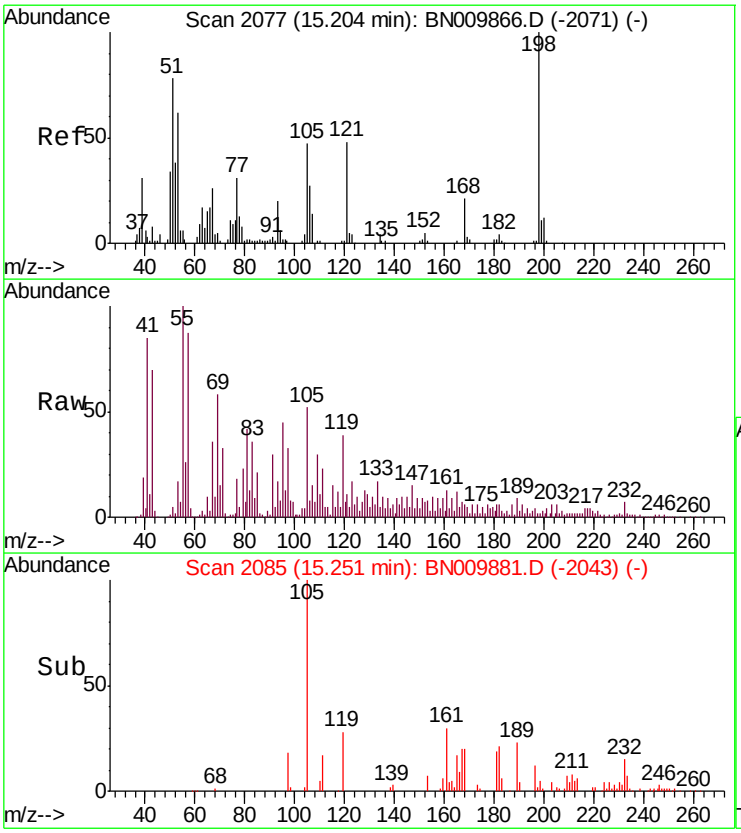
#60
4-Chlorophenyl-phenylether
Concen: 2.345 ng/ul
RT: 15.12 min Scan# 2062
Delta R.T. 0.03 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:204 Resp: 29547

Ion	Ratio	Lower	Upper
204	100		
206	54.2	26.5	39.7#
141	237.8	48.8	73.2#

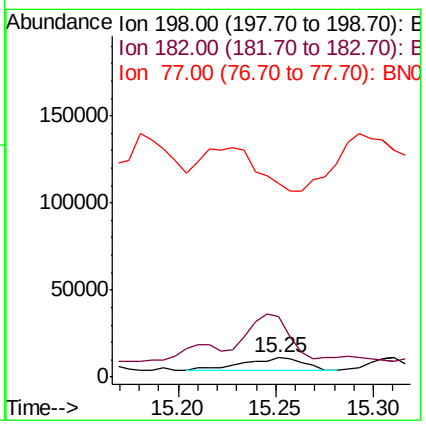


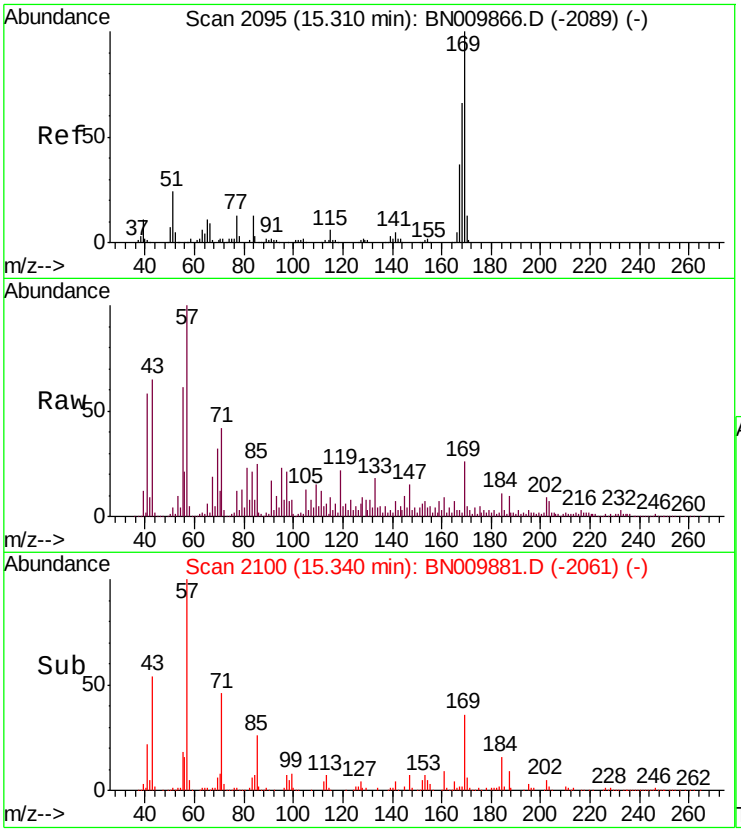


#64
4,6-Dinitro-2-methylphenol
Concen: 3.634 ng/ul
RT: 15.25 min Scan# 2085
Delta R.T. 0.05 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:198 Resp: 15666

Ion	Ratio	Lower	Upper
198	100		
182	316.6	3.7	5.5#
77	1009.5	25.1	37.7#



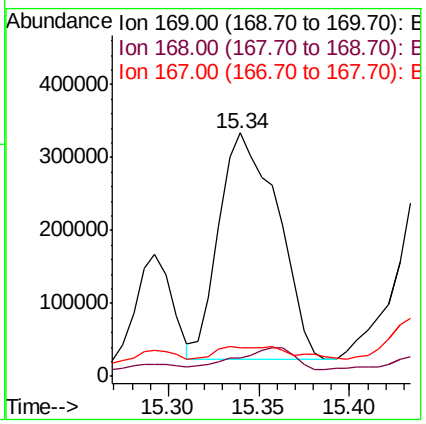


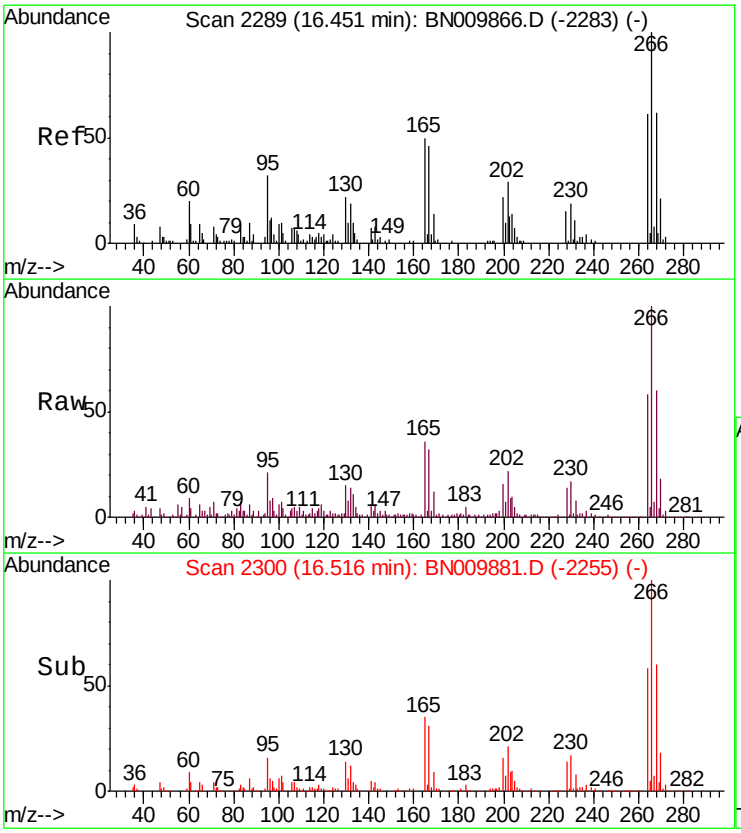
#65
N-Nitrosodiphenylamine
Concen: 36.725 ng/ul
RT: 15.34 min Scan# 2100
Delta R.T. 0.03 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:169 Resp: 701975

Ion	Ratio	Lower	Upper
169	100		
168	7.6	51.8	77.6#
167	11.9	27.7	41.5#

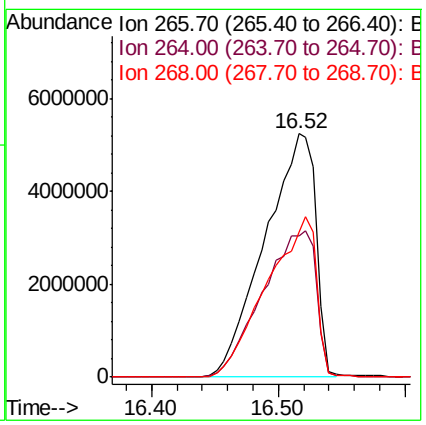


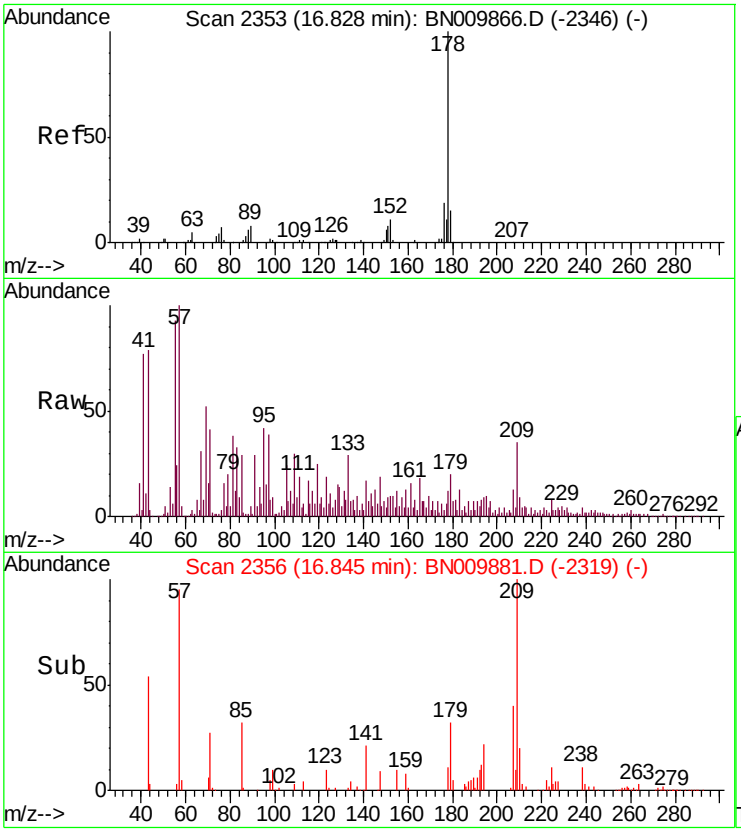


#69
Pentachlorophenol
Concen: 3555.866 ng/ul
RT: 16.52 min Scan# 2300
Delta R.T. 0.06 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:266 Resp:14657926

Ion	Ratio	Lower	Upper
266	100		
264	58.1	52.9	79.3
268	59.6	52.5	78.7



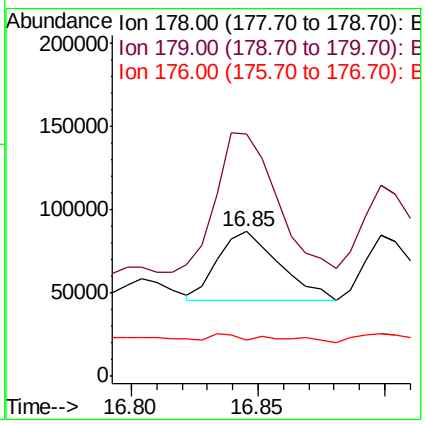


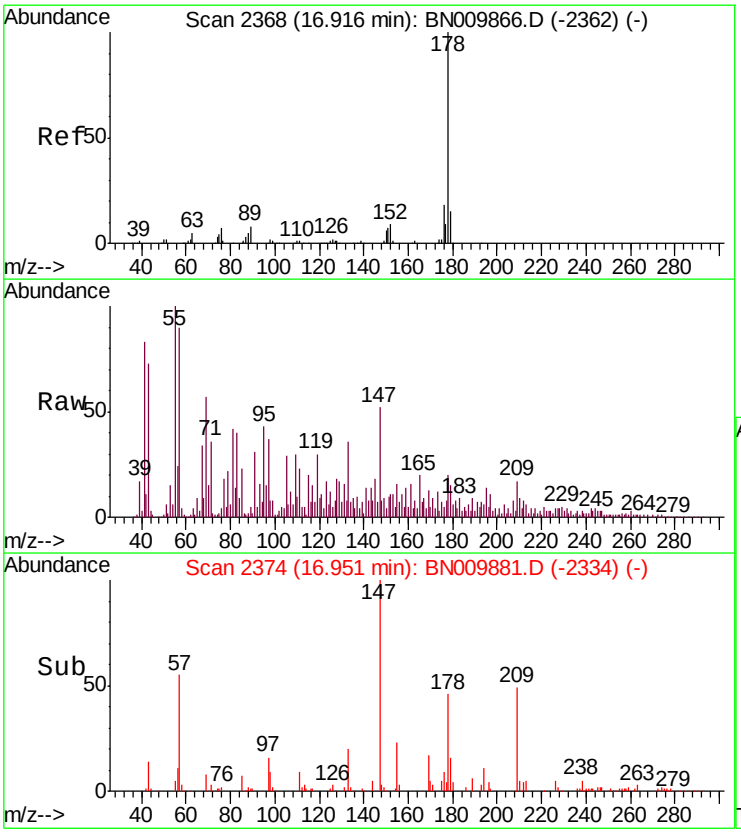
#70
Phenanthrene
Concen: 1.910 ng/ul
RT: 16.85 min Scan# 2356
Delta R.T. 0.02 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:178 Resp: 70224

Ion	Ratio	Lower	Upper
178	100		
179	167.6	12.5	18.7#
176	25.3	14.6	22.0#

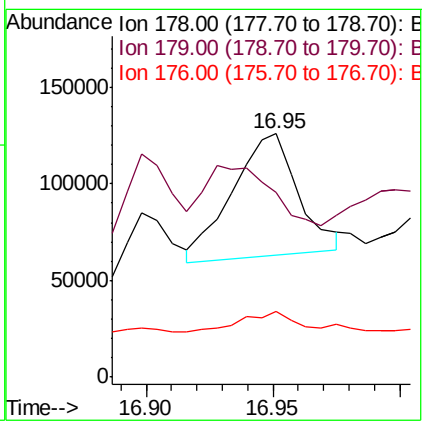


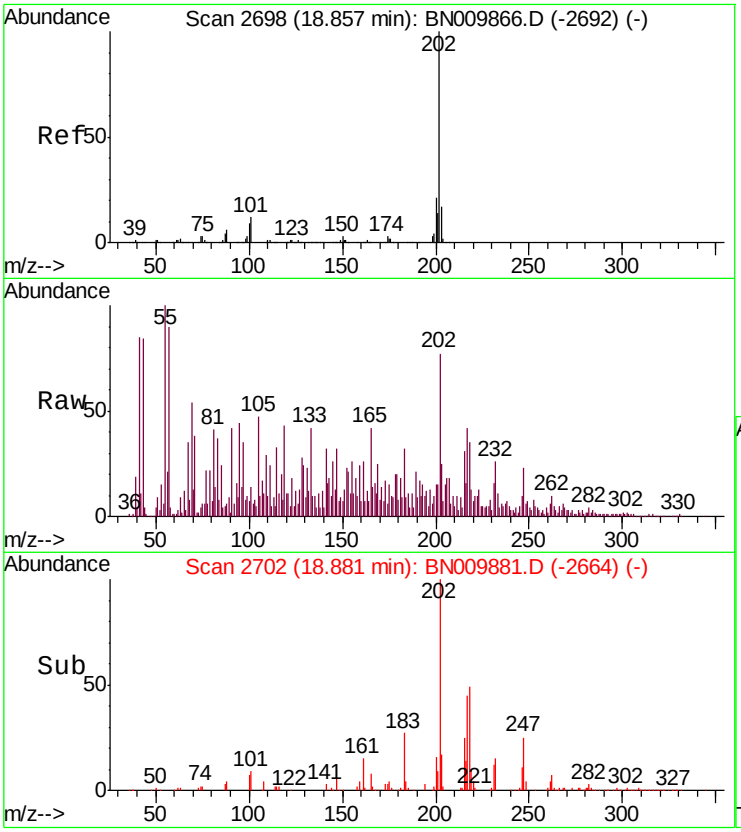


#72
Anthracene
Concen: 3.061 ng/ul
RT: 16.95 min Scan# 2374
Delta R.T. 0.04 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:178 Resp: 115066

Ion	Ratio	Lower	Upper
178	100		
179	75.8	12.2	18.2#
176	27.0	14.6	21.8#



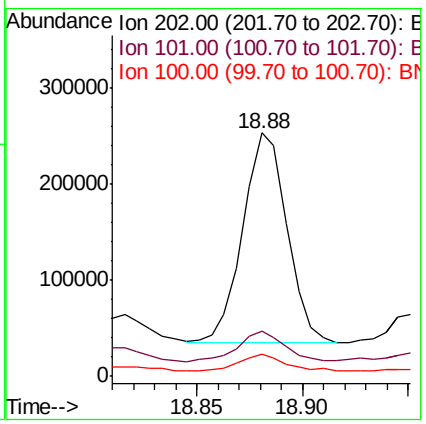


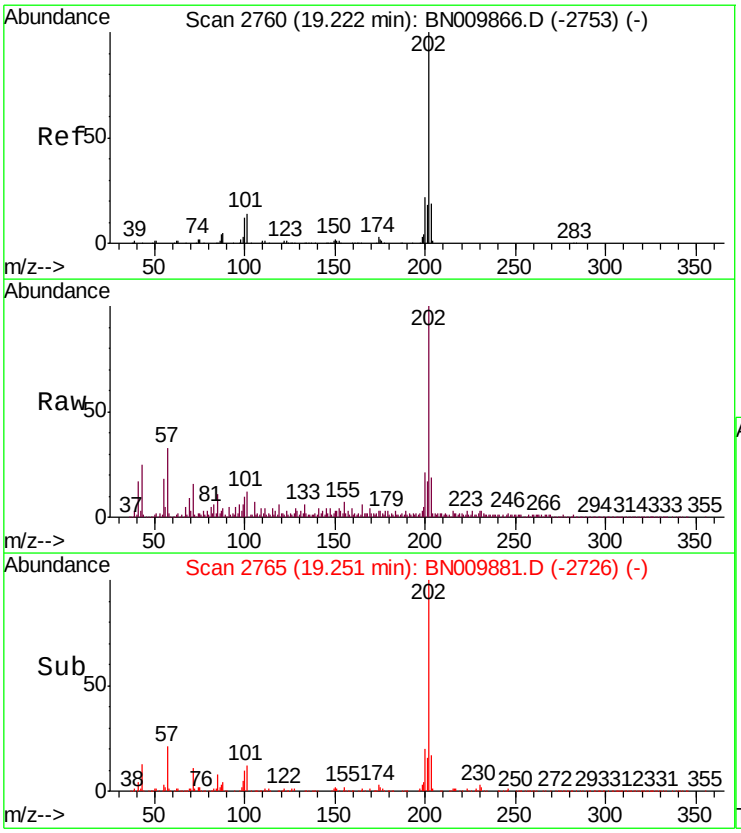
#77
Fluoranthene
Concen: 7.461 ng/ul
RT: 18.88 min Scan# 2702
Delta R.T. 0.02 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:202 Resp: 321332

Ion	Ratio	Lower	Upper
202	100		
101	18.7	9.4	14.2#
100	9.0	7.2	10.8

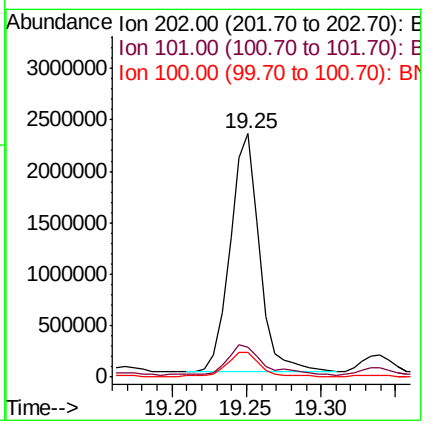


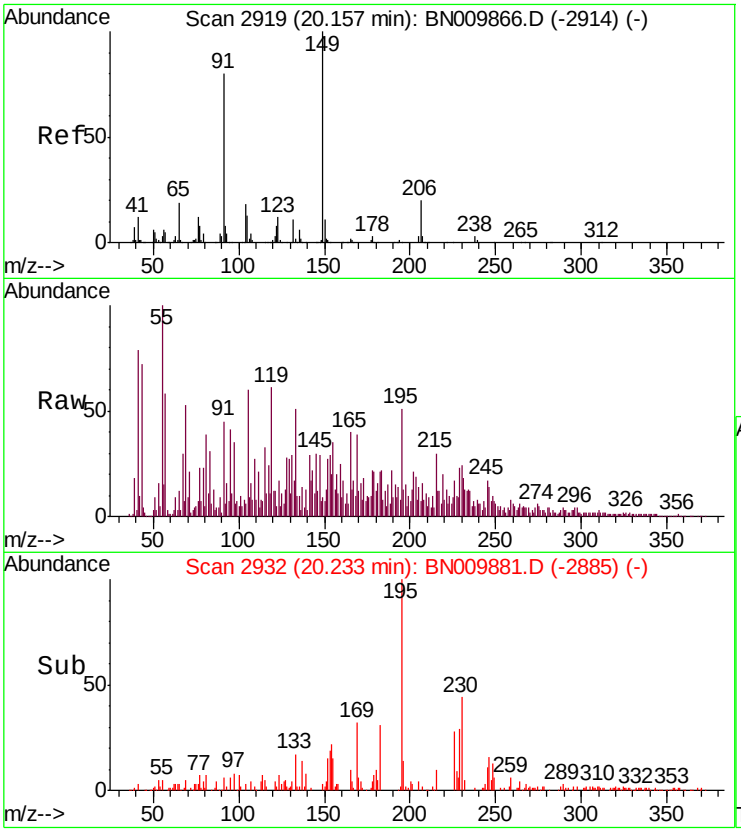


#80
Pyrene
Concen: 5933.185 ng/ul
RT: 19.25 min Scan# 2765
Delta R.T. 0.03 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:202 Resp: 3180794

Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.3	16.9
100	10.2	9.0	13.6



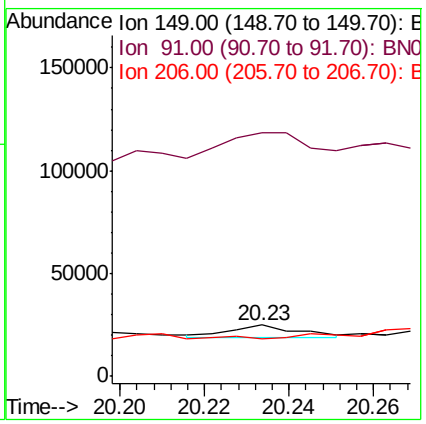


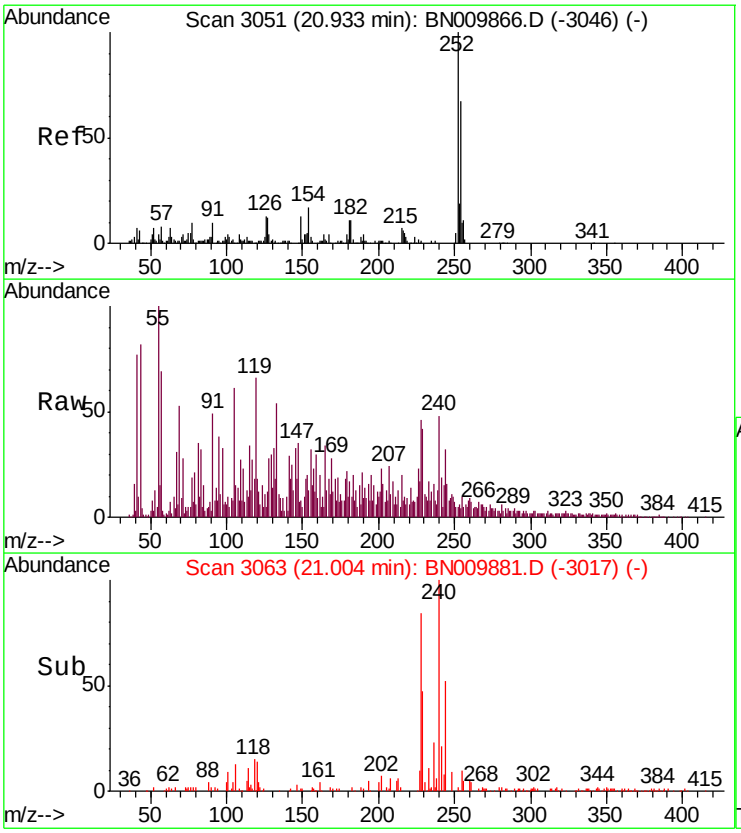
#81
Butylbenzylphthalate
Concen: 28.141 ng/ul
RT: 20.23 min Scan# 2932
Delta R.T. 0.08 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:149 Resp: 6202

Ion	Ratio	Lower	Upper
149	100		
91	473.8	65.5	98.3#
206	71.8	15.9	23.9#

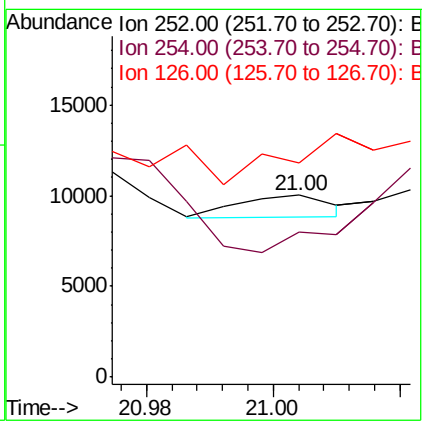


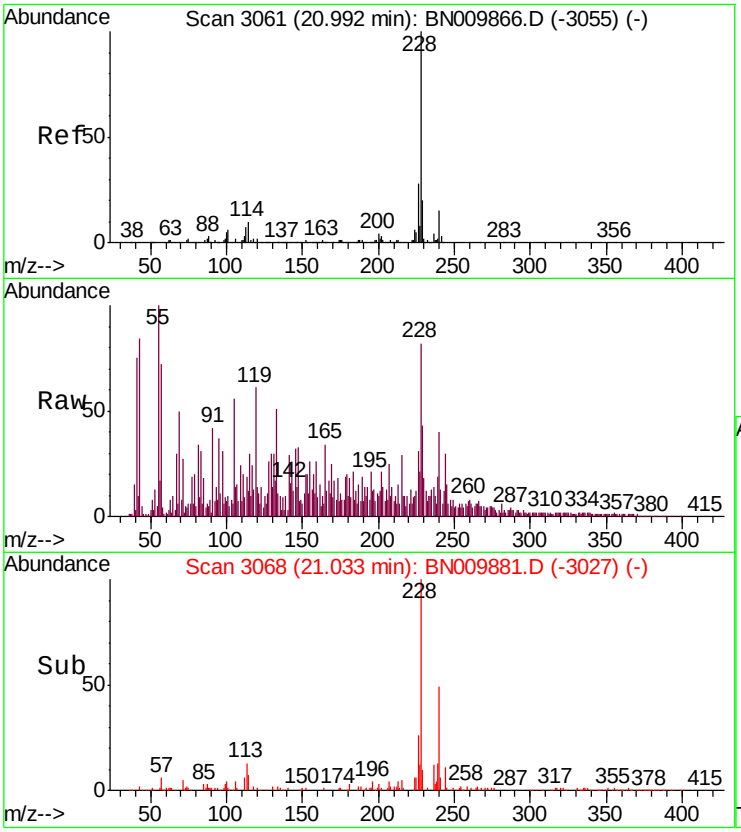


#82
3,3'-Dichlorobenzidine
Concen: 7.932 ng/ul
RT: 21.00 min Scan# 3063
Delta R.T. 0.07 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:252 Resp: 1286

Ion	Ratio	Lower	Upper
252	100		
254	79.4	49.3	73.9#
126	118.0	8.8	13.2#



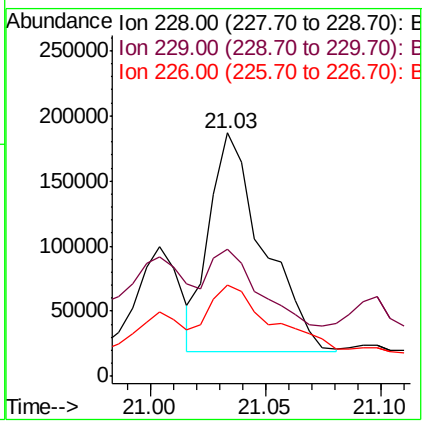


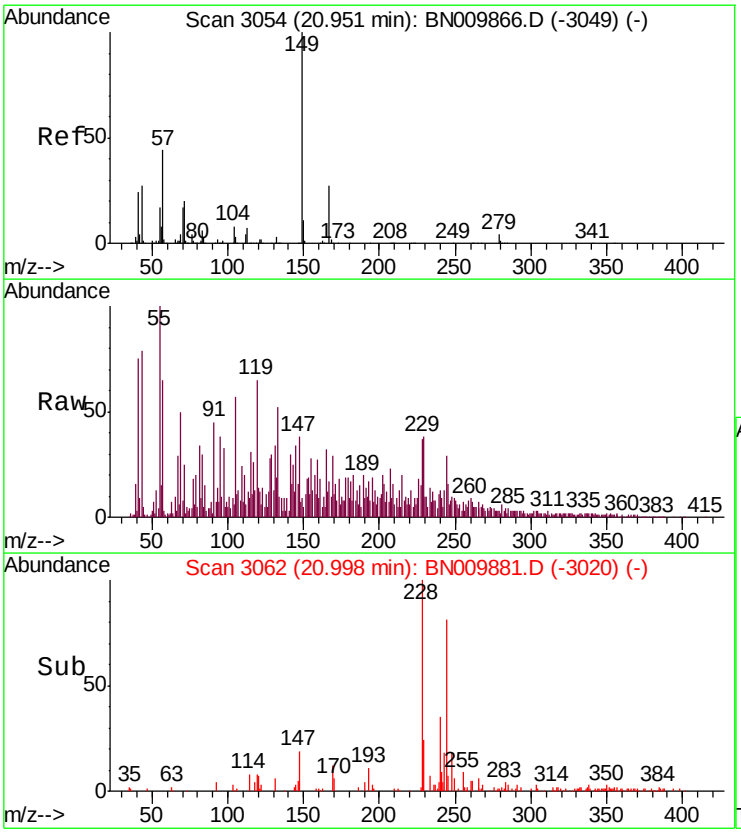
#83
Benzo(a)anthracene
Concen: 532.424 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. 0.04 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:228 Resp: 272073

Ion	Ratio	Lower	Upper
228	100		
229	52.0	15.0	22.4#
226	37.4	21.4	32.2#

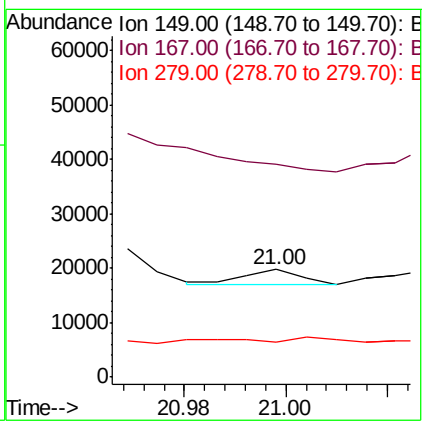


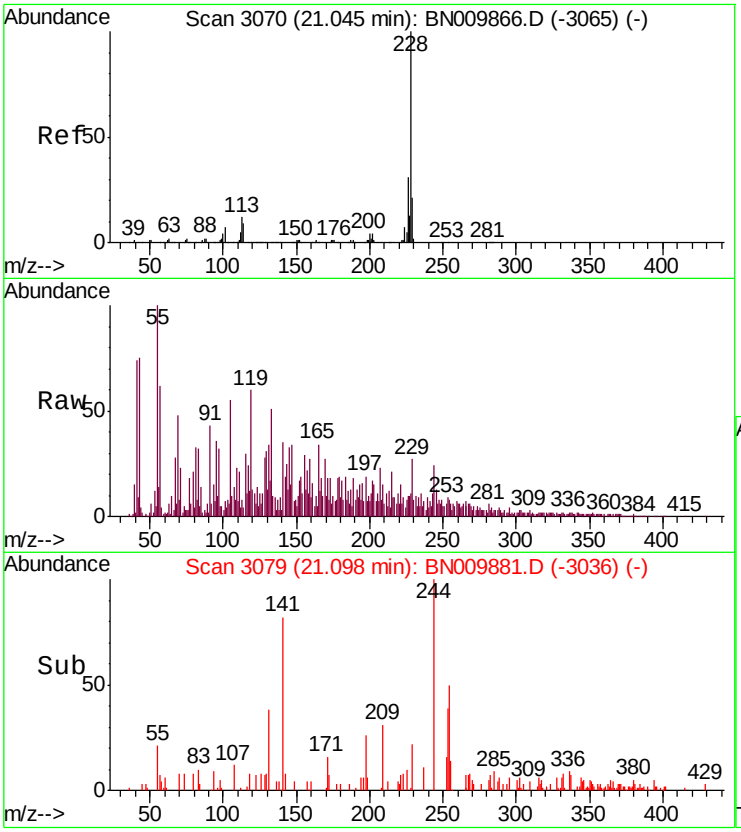


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.078 ng/ul
RT: 21.00 min Scan# 3062
Delta R.T. 0.05 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:149 Resp: 2045

Ion	Ratio	Lower	Upper
149	100		
167	198.4	21.0	31.6#
279	33.1	3.0	4.6#



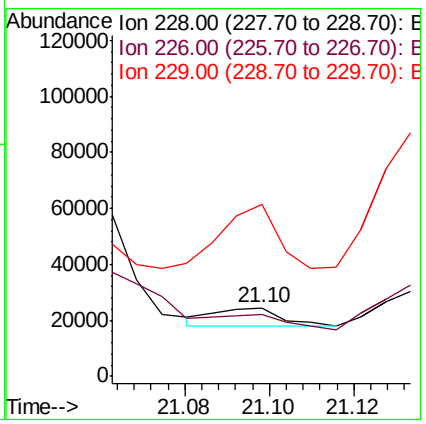


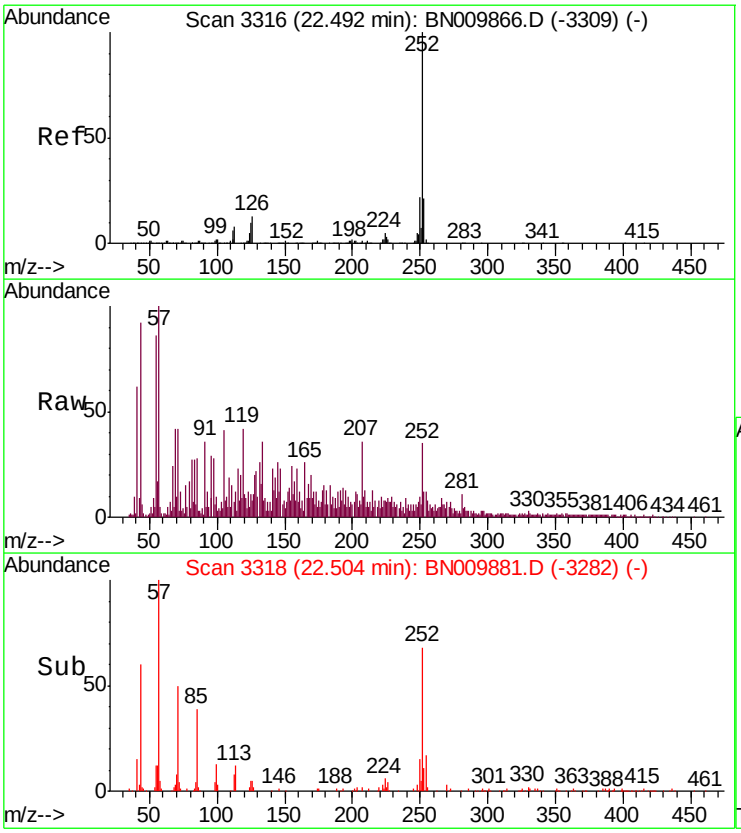
#85
Chrysene
Concen: 14.481 ng/ul
RT: 21.10 min Scan# 3079
Delta R.T. 0.05 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:228 Resp: 7285

Ion	Ratio	Lower	Upper
228	100		
226	91.5	23.4	35.2#
229	251.7	15.0	22.4#

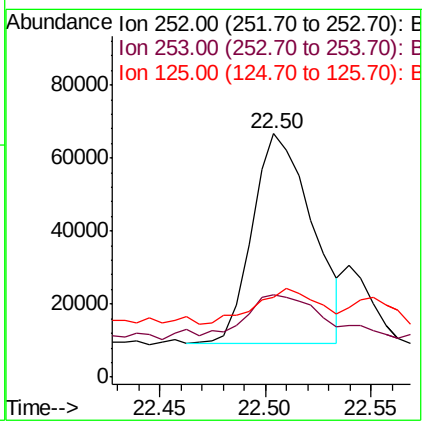


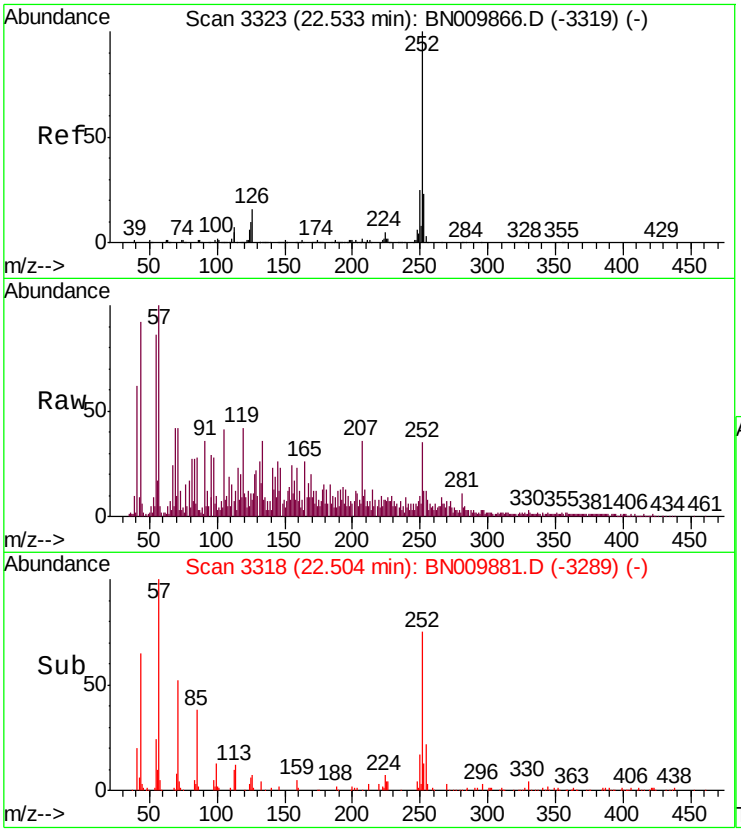


#88
Benzo(b)fluoranthene
Concen: 3.144 ng/ul
RT: 22.50 min Scan# 3318
Delta R.T. 0.01 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:252 Resp: 113558

Ion	Ratio	Lower	Upper
252	100		
253	33.8	17.0	25.4#
125	32.9	8.0	12.0#



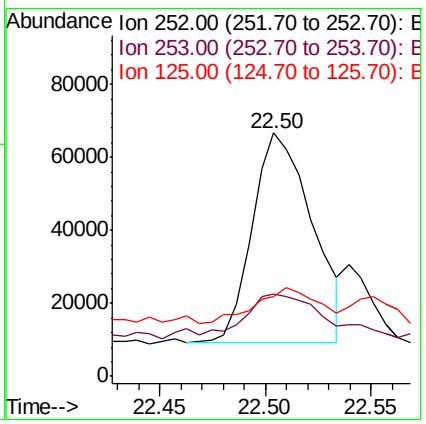


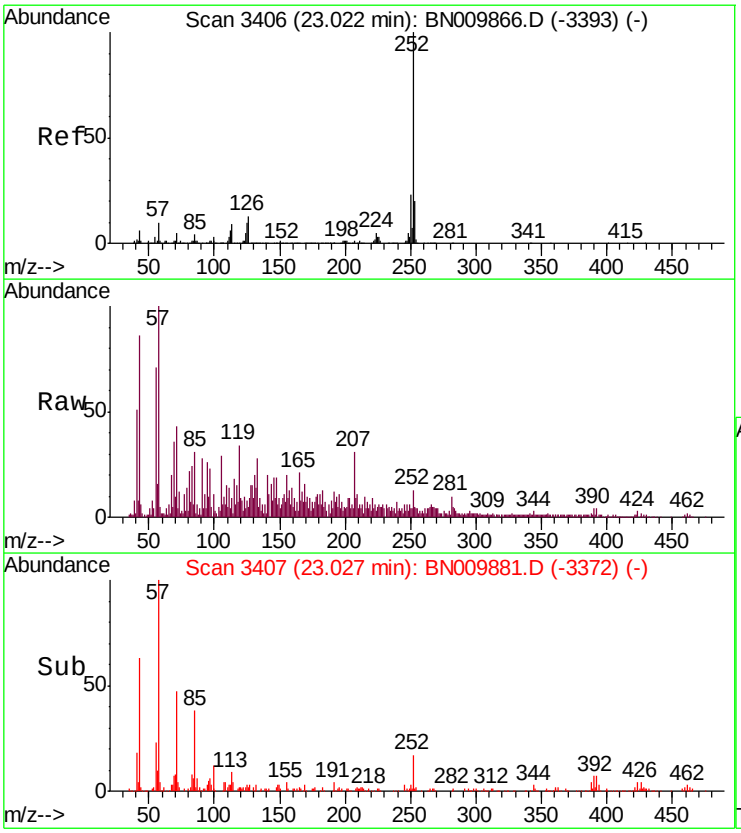
#89
Benzo(k)fluoranthene
Concen: 3.321 ng/ul
RT: 22.50 min Scan# 3318
Delta R.T. -0.03 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Instrument :
BNA_N
ClientSampleId :
C5AT6

Tgt Ion:252 Resp: 113558

Ion	Ratio	Lower	Upper
252	100		
253	33.8	18.0	27.0#
125	32.9	8.2	12.2#





#91
Benzo(a)pyrene
Concen: 1.095 ng/ul
RT: 23.03 min Scan# 3407
Delta R.T. 0.01 min
Lab File: BN009881.D
Acq: 25 Feb 2020 01:52

Tgt Ion:252 Resp: 35577

Ion	Ratio	Lower	Upper
252	100		
253	40.3	17.4	26.0#
125	60.6	9.0	13.6#