Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Not Reviewed)

Data File : BN009684.D
Acq On : 10 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-15ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70ME

Quant Time: Feb 11 01:39:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	128327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	521161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	329947	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	678709	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	639097	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	663002	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9045	2.89	ng/uL	0.00
5) Phenol-d5	6.63	99	195195	17.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	146763	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	152679	18.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	158190	17.75	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	81448	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	87014	20.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	154086	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	191921	22.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	522382	21.69	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	607778	20.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	75549	16.61	ng/ul	0.00
57) Fluorene-d10	15.07	176	464270	21.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	48971	11.55	ng/ul	0.01
70) Anthracene-d10	16.93	188	707067	22.93	ng/ul	0.00
78) Pyrene-d10	19.23	212	760300	22.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	762671	23.36	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.60	77	9141	1.190	ng/ul#	1
17) Hexachloroethane	8.45	117	30323	7.827	ng/ul#	8
30) 4-Chloroaniline	10.26	127	3762961	418.261	ng/ul#	13
34) 2-Methylnaphthalene	11.86	142	8434497	426.454	ng/ul	98
40) 1,1'-Biphenyl	12.89	154	1455464	56.656	ng/ul	98
44) Dimethylphthalate	13.54	163	113602	4.444	ng/ul	99
47) Acenaphthylene	13.79	152	5828555	183.006	ng/ul	99
49) Acenaphthene	14.13	153	444915	20.549	ng/ul	99
53) Dibenzofuran	14.47	168	486837	16.147	ng/ul	97
54) 2,4-Dinitrotoluene	14.48	165	15079	2.060	ng/ul#	1
58) Fluorene	15.13	166	3493622	138.651	ng/ul	99
60) 4-Nitroaniline	15.13	138	40298	6.984	ng/ul#	13
64) N-Nitrosodiphenylamine	15.35	169	28494	1.405	ng/ul#	77
69) Phenanthrene	16.88	178	14758243	381.290	ng/ul	92
71) Anthracene	16.96	178	3592262	91.468	ng/ul	99
74) Carbazole	17.23	167	135863	3.973	ng/ul#	92
76) Fluoranthene	18.90	202	6613786	149.714	ng/ul	99
79) Pyrene	19.27	202	9197455	197.141	ng/ul	97
82) Benzo(a)anthracene	21.08	228	2731801	61.909	ng/ul	95
84) Chrysene	21.08	228	2732900	62.212	ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	2054900	49.538	ng/ul#	96
88) Benzo(k)fluoranthene	22.55	252	2054900	50.302	ng/ul#	96
90) Benzo(a)pyrene	23.07	252	2371396	61.703	ng/ul	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Not Reviewed)

Data File : BN009684.D
Acq On : 10 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-15ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70ME

Quant Time: Feb 11 01:39:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Indeno(1,2,3-cd)pyrene	25.22	276	936835	20.503	ng/ul	94
92) Dibenzo(a,h)anthracene	25.22	278	278938	7.252	ng/ul#	82
93) Benzo(g,h,i)perylene	25.84	276	823292	21.499	ng/ul	97

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

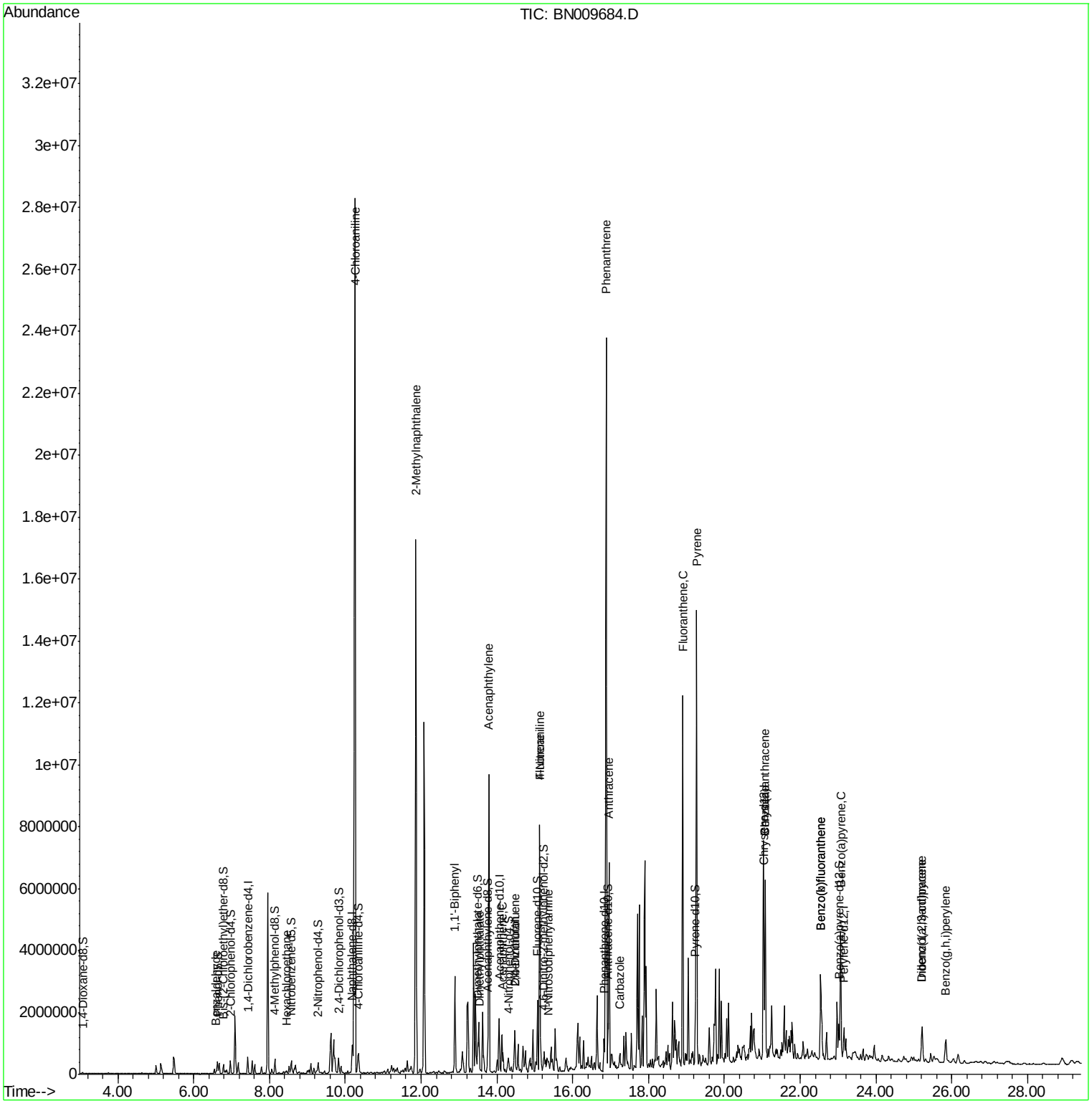
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

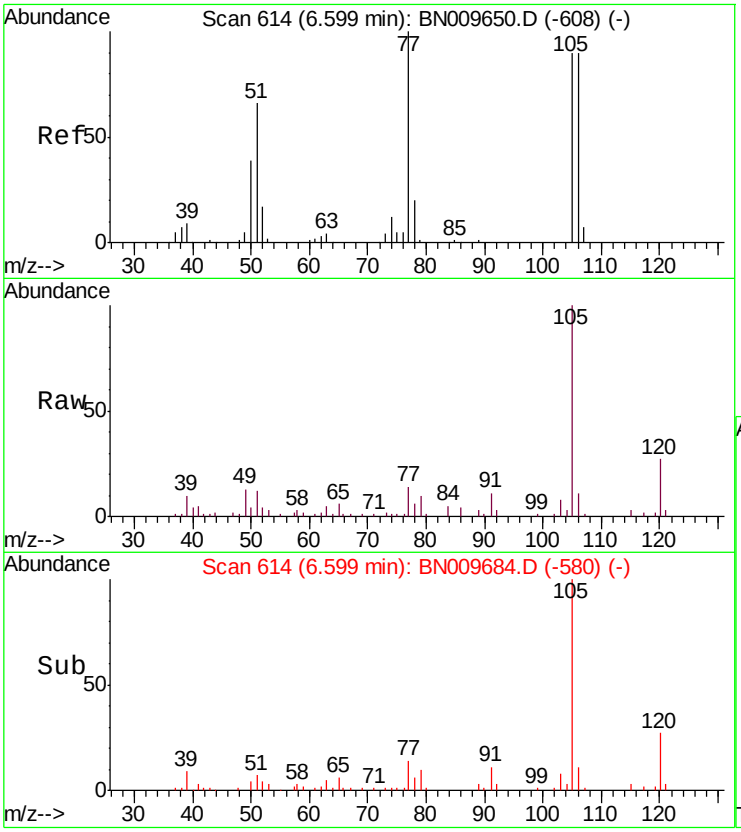
Quantitation Report (Not Reviewed)

Data File : BN009684.D
Acq On : 10 Feb 2020 14:24
Operator : CG/JU
Sample : L1324-15ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Quant Time: Feb 11 01:39:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration



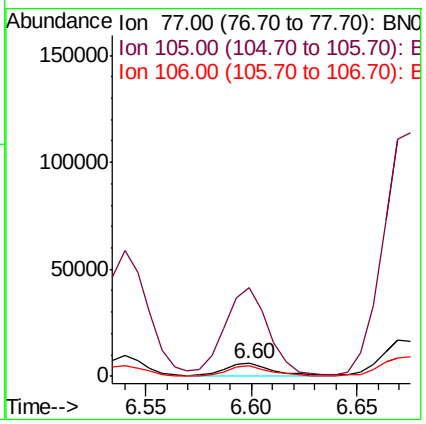


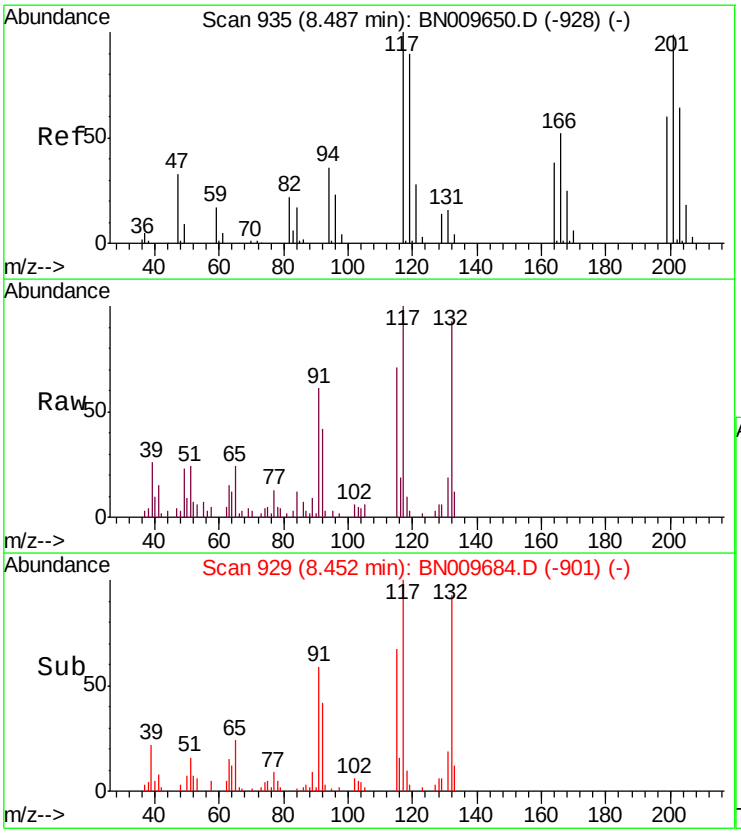
#4
Benzaldehyde
Concen: 1.190 ng/ul
RT: 6.60 min Scan# 614
Delta R.T. 0.00 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion: 77 Resp: 9141

Ion	Ratio	Lower	Upper
77	100		
105	701.8	74.5	111.7#
106	79.4	70.8	106.2

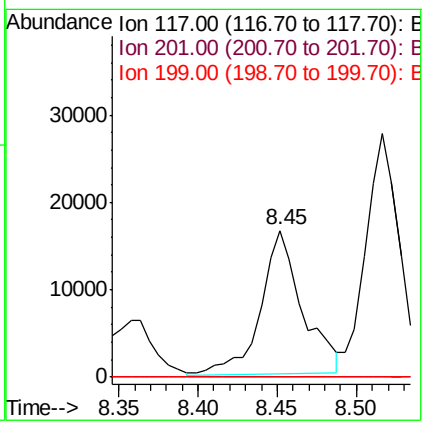


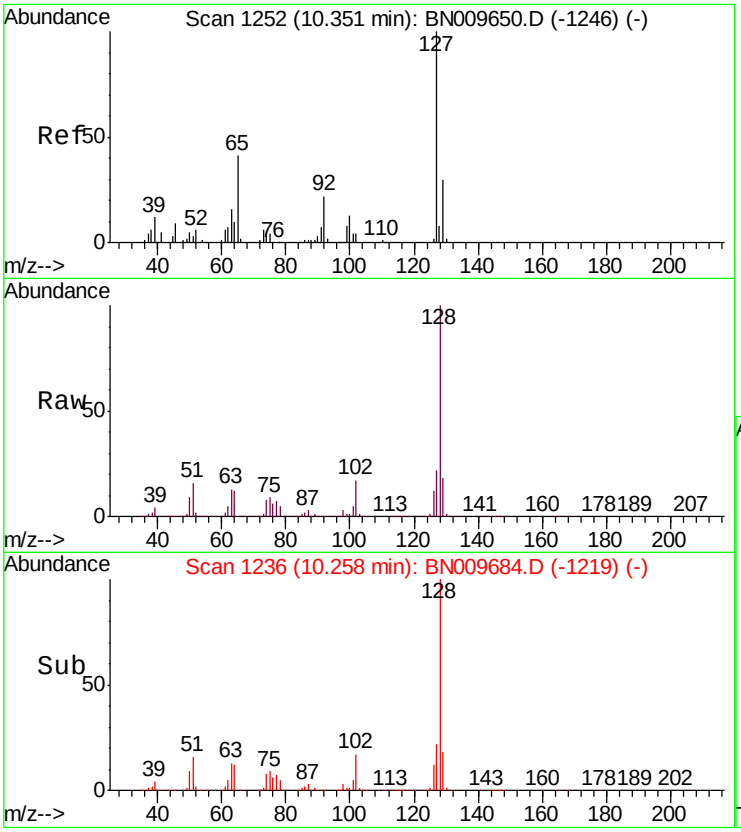


#17
Hexachloroethane
Concen: 7.827 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. -0.04 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:117 Resp: 30323

Ion	Ratio	Lower	Upper
117	100		
201	0.0	78.8	118.2#
199	0.0	49.0	73.4#



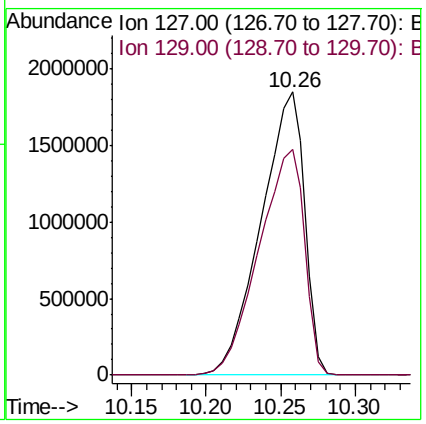


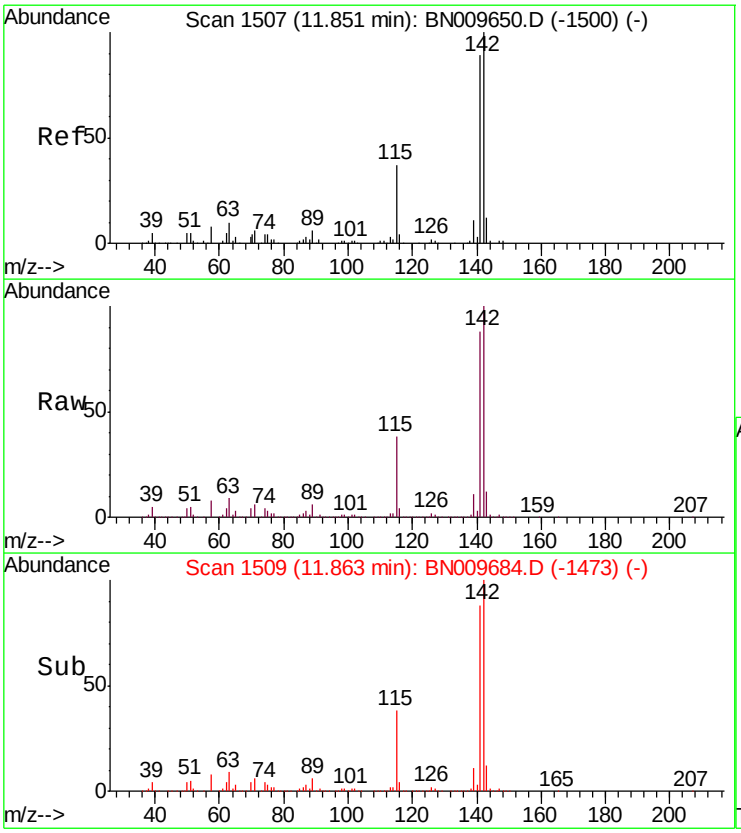
#30
4-Chloroaniline
Concen: 418.261 ng/ul
RT: 10.26 min Scan# 1236
Delta R.T. -0.10 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:127 Resp: 3762961

Ion	Ratio	Lower	Upper
127	100		
129	79.6	25.2	37.8#

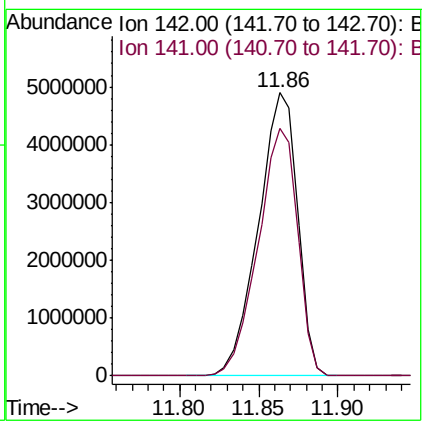


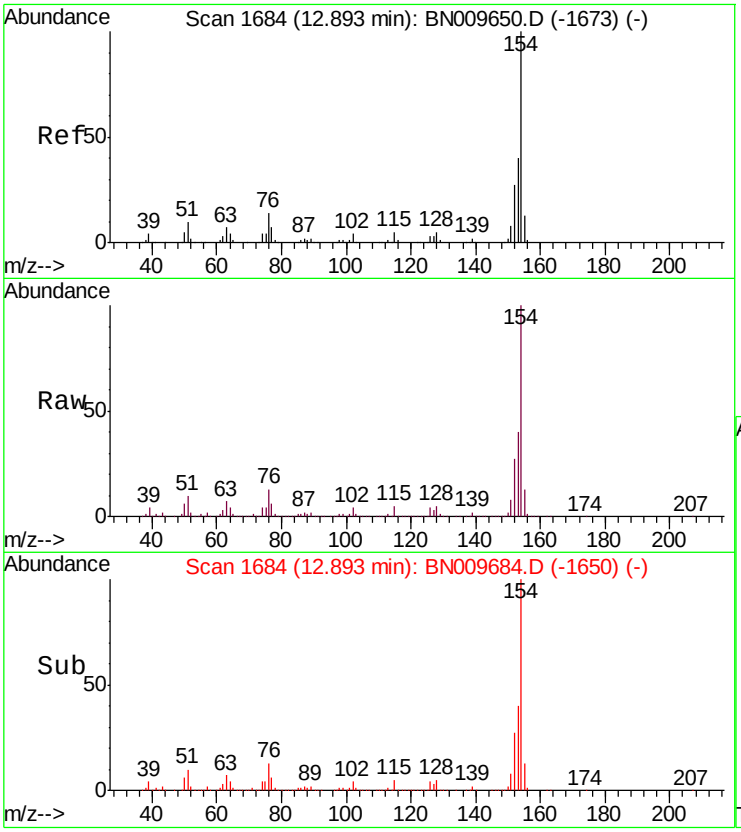


#34
2-Methylnaphthalene
Concen: 426.454 ng/ul
RT: 11.86 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:142 Resp: 8434497

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.5	107.3



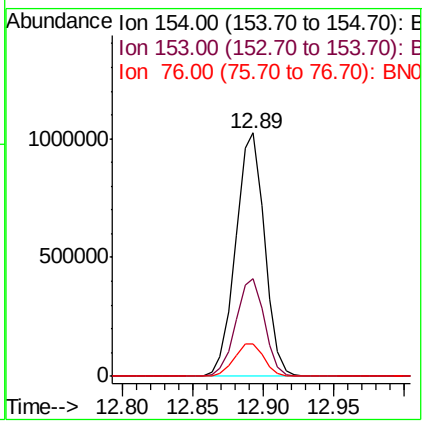


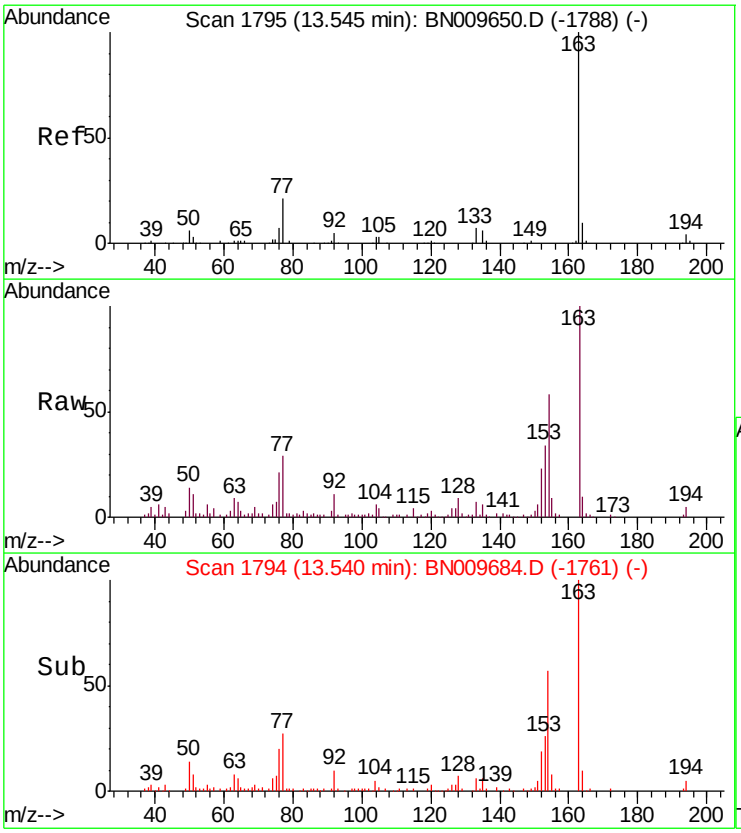
#40
1,1'-Biphenyl
Concen: 56.656 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:154 Resp: 1455464

Ion	Ratio	Lower	Upper
154	100		
153	40.4	31.2	46.8
76	13.1	11.4	17.2

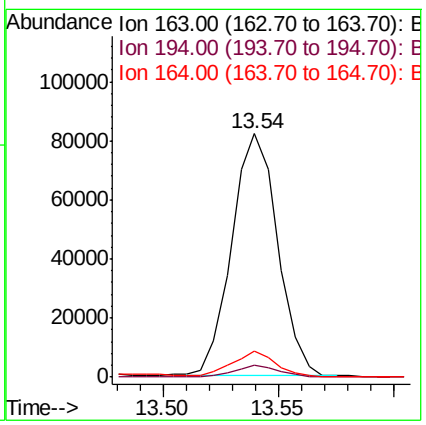


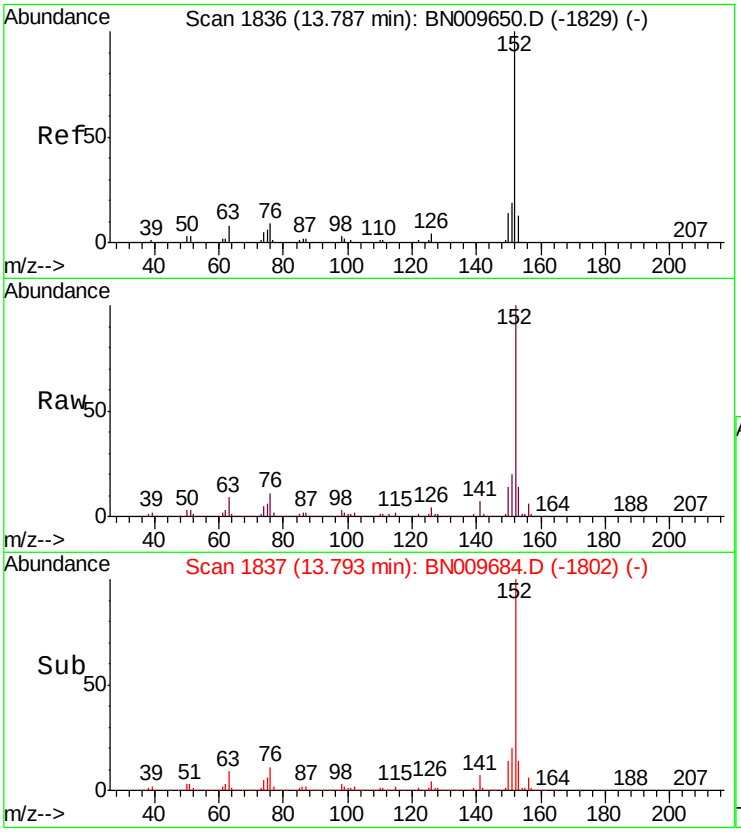


#44
Dimethylphthalate
Concen: 4.444 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:163 Resp: 113602

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.5	8.0	12.0



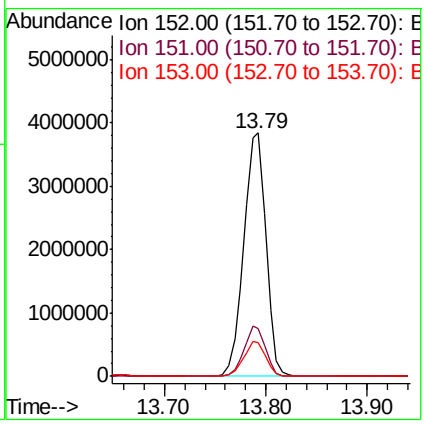


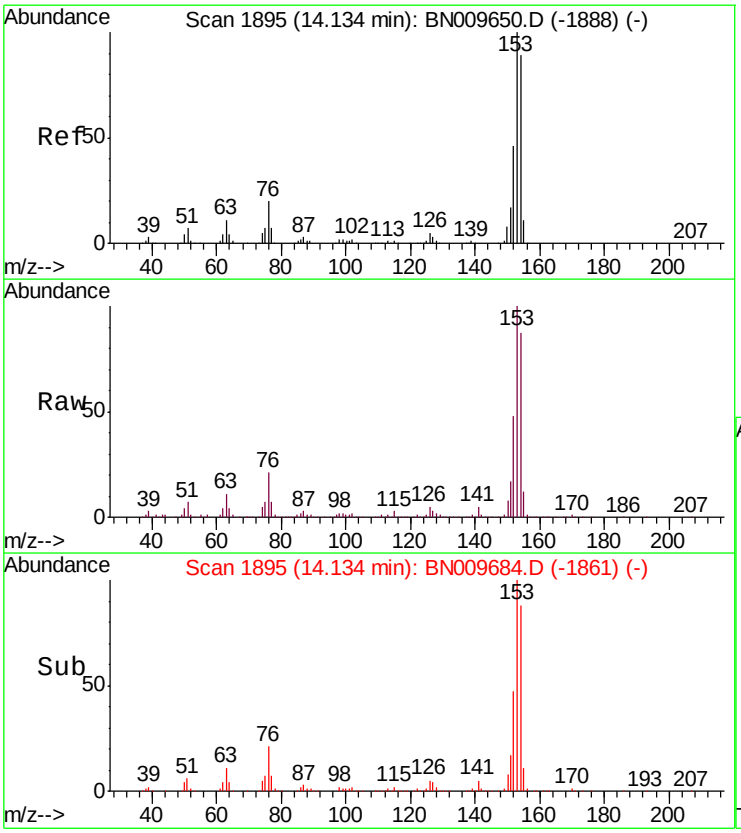
#47
Acenaphthylene
Concen: 183.006 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:152 Resp: 5828555

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.2
153	13.7	10.6	15.8

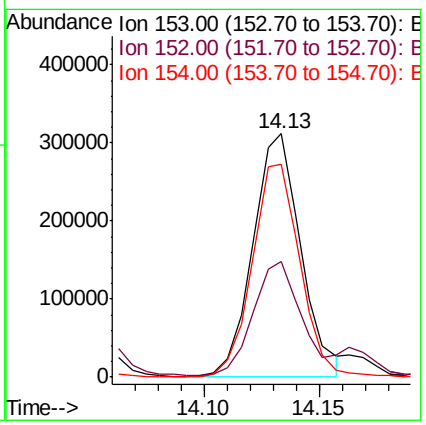


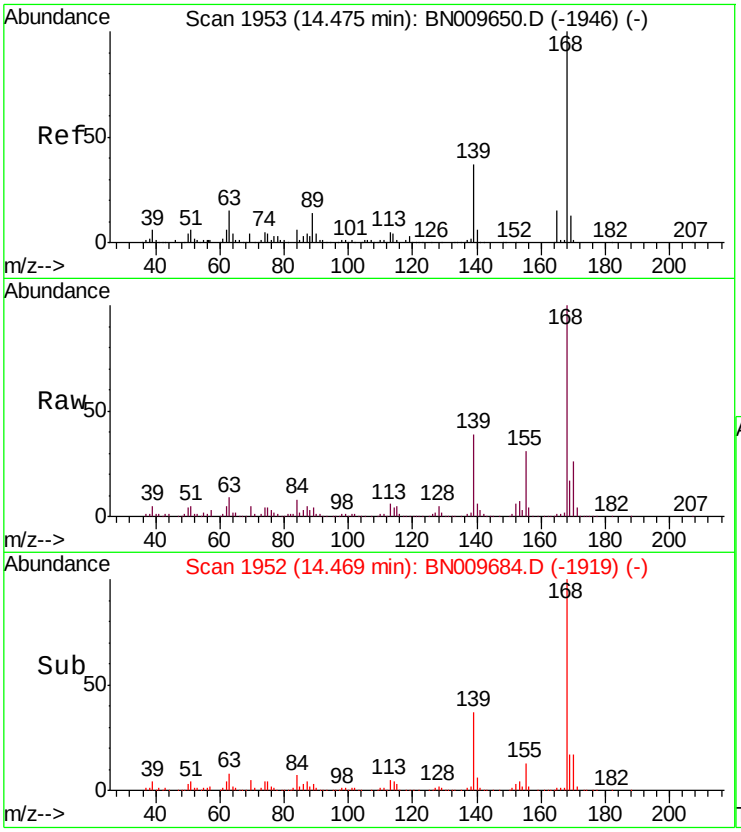


#49
Acenaphthene
Concen: 20.549 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:153 Resp: 444915

Ion	Ratio	Lower	Upper
153	100		
152	47.7	37.3	55.9
154	87.3	70.2	105.2



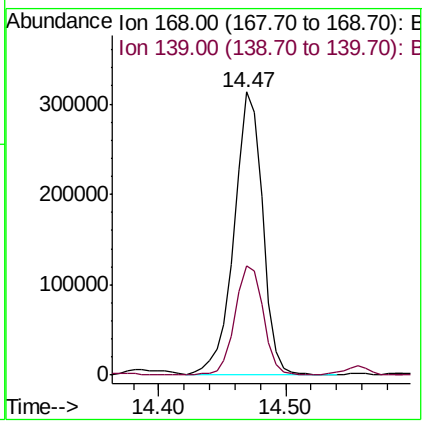


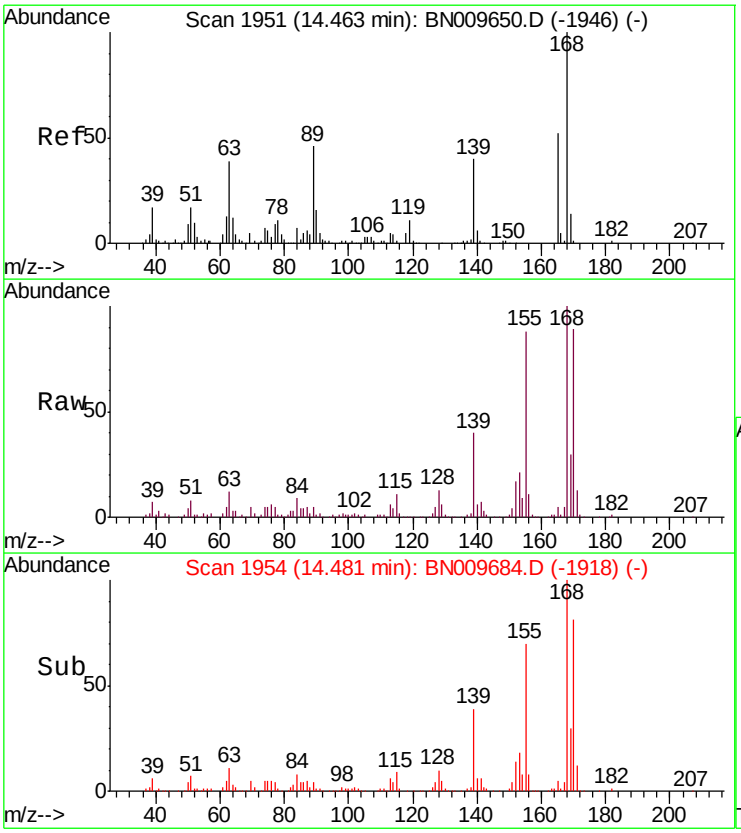
#53
Dibenzofuran
Concen: 16.147 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:168 Resp: 486837

Ion	Ratio	Lower	Upper
168	100		
139	38.5	29.5	44.3

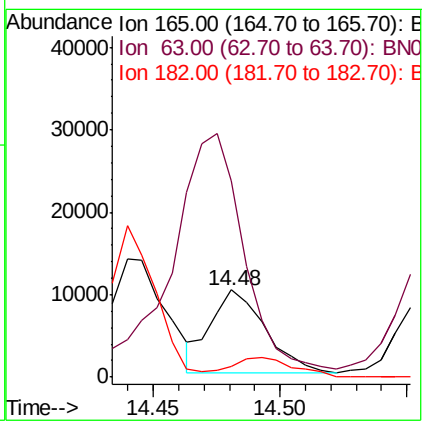


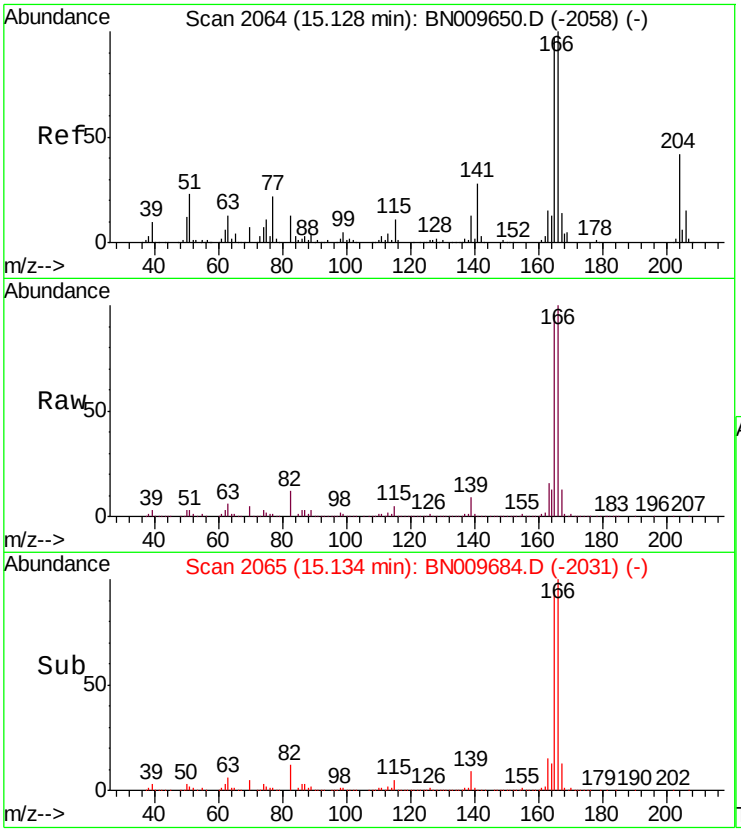


#54
2,4-Dinitrotoluene
Concen: 2.060 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:165 Resp: 15079

Ion	Ratio	Lower	Upper
165	100		
63	225.0	55.0	82.4#
182	12.9	2.4	3.6#



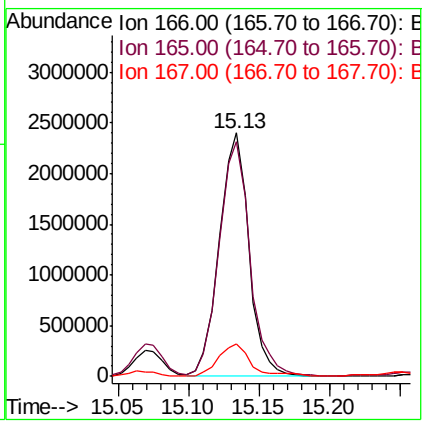


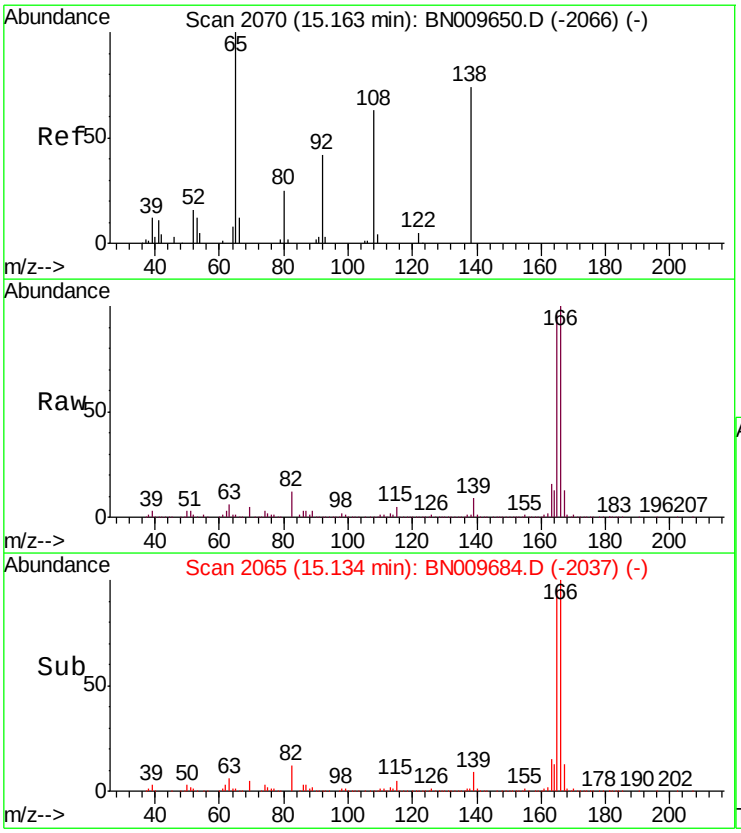
#58
Fluorene
Concen: 138.651 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:166 Resp: 3493622

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.7	115.1
167	13.2	11.1	16.7

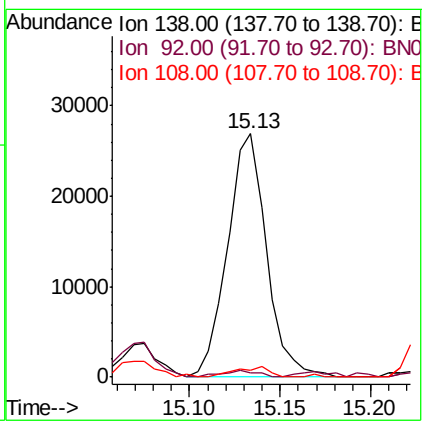


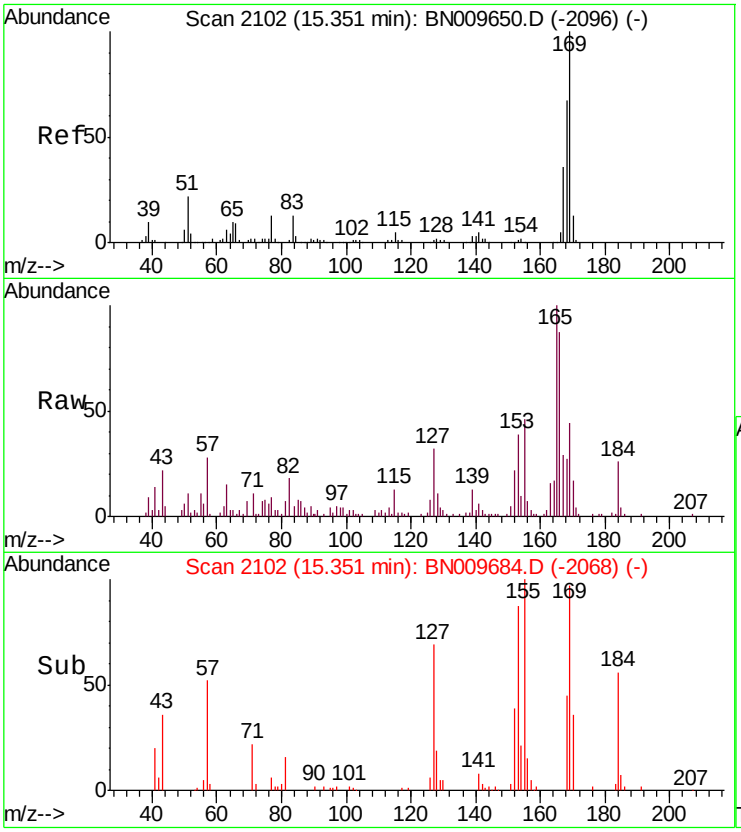


#60
4-Nitroaniline
Concen: 6.984 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. -0.04 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:138 Resp: 40298

Ion	Ratio	Lower	Upper
138	100		
92	2.0	46.1	69.1#
108	2.7	75.1	112.7#



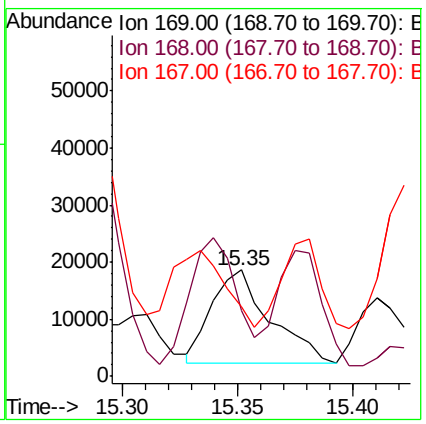


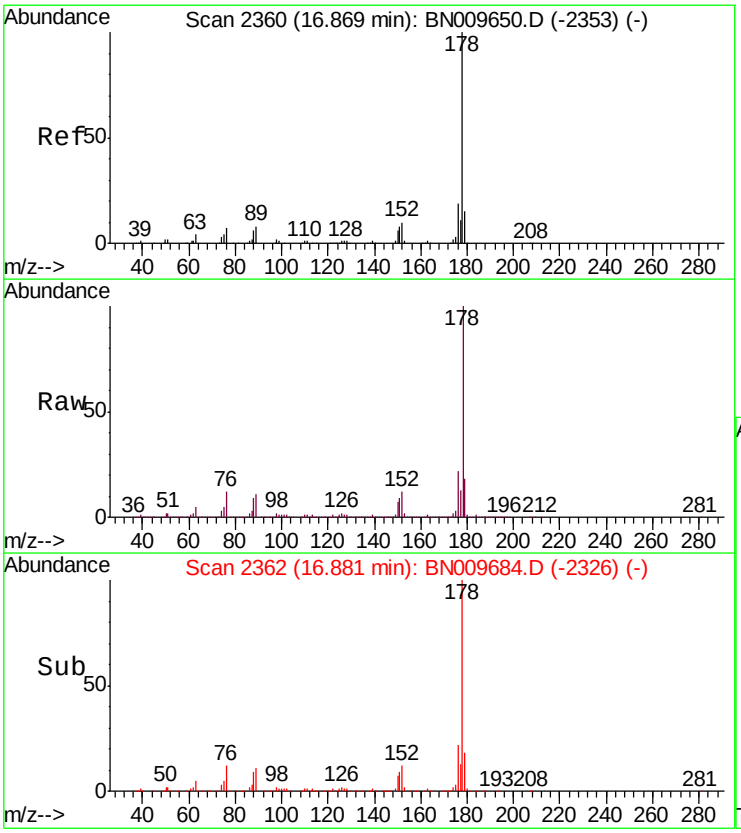
#64
N-Nitrosodiphenylamine
Concen: 1.405 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:169 Resp: 28494

Ion	Ratio	Lower	Upper
169	100		
168	61.2	53.8	80.8
167	65.4	27.5	41.3#

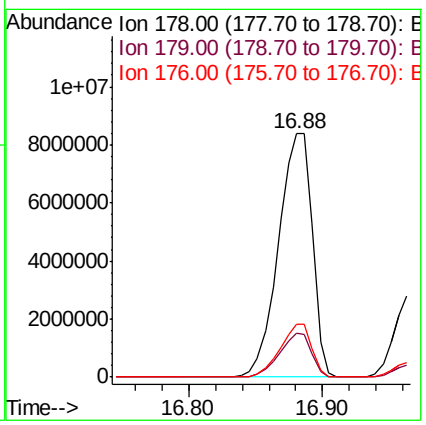


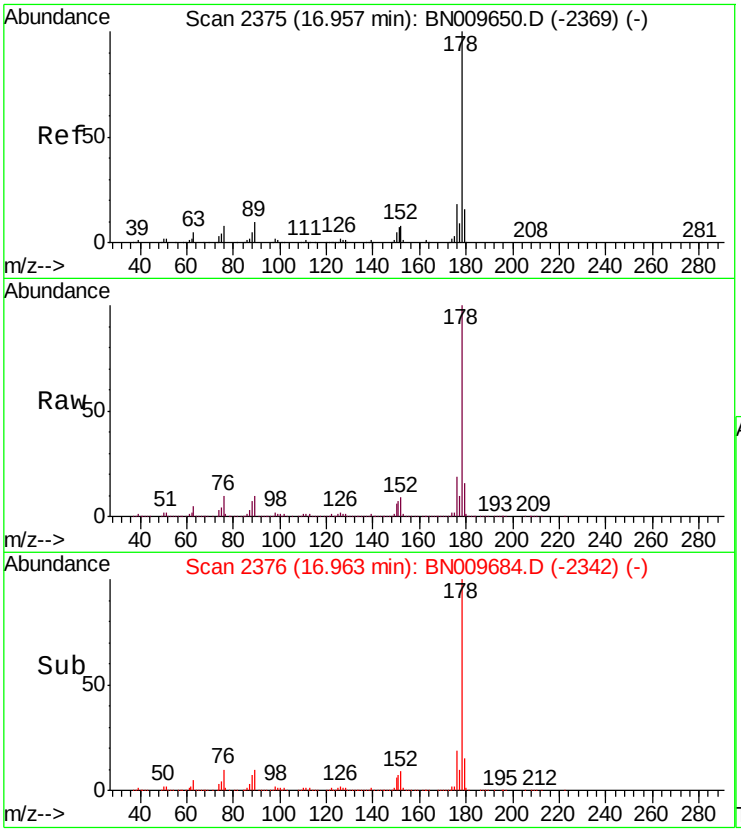


#69
Phenanthrene
Concen: 381.290 ng/ul
RT: 16.88 min Scan# 2362
Delta R.T. 0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:178 Resp:14758243

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.2	18.2
176	22.0	14.8	22.2



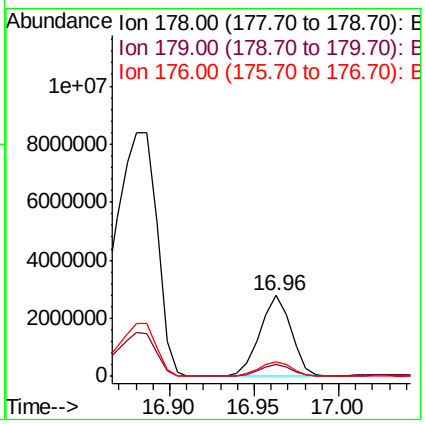


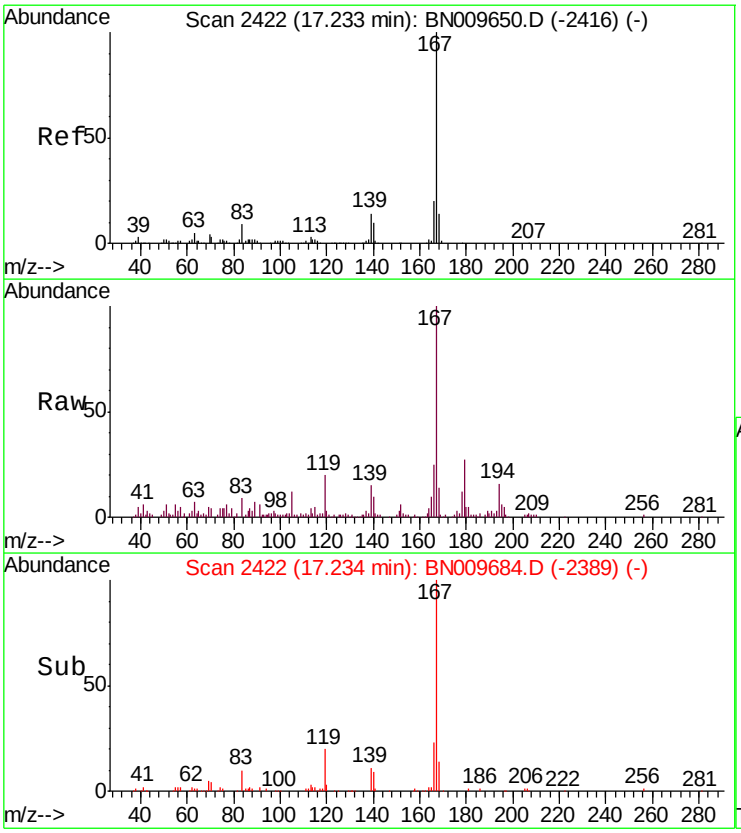
#71
Anthracene
Concen: 91.468 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:178 Resp: 3592262

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.6	14.6	21.8

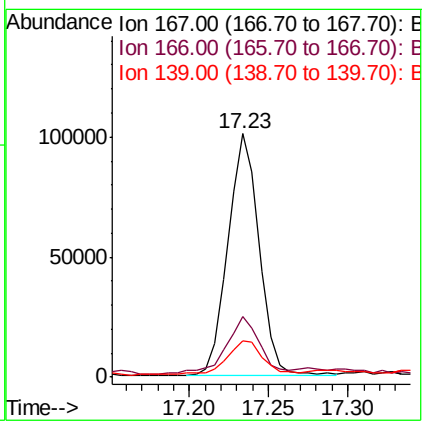


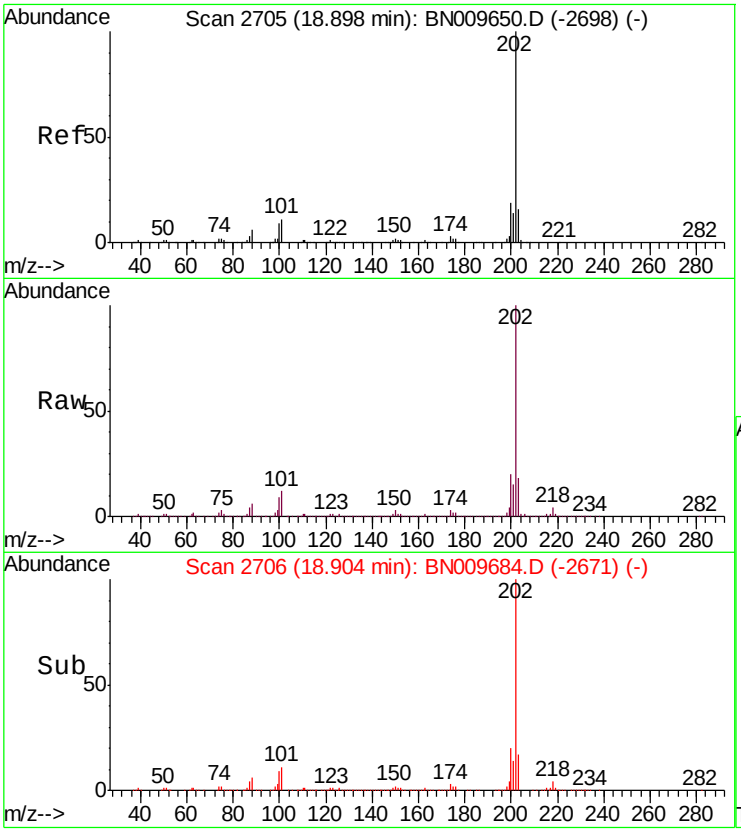


#74
Carbazole
Concen: 3.973 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:167 Resp: 135863

Ion	Ratio	Lower	Upper
167	100		
166	25.0	16.2	24.4#
139	14.7	10.4	15.6



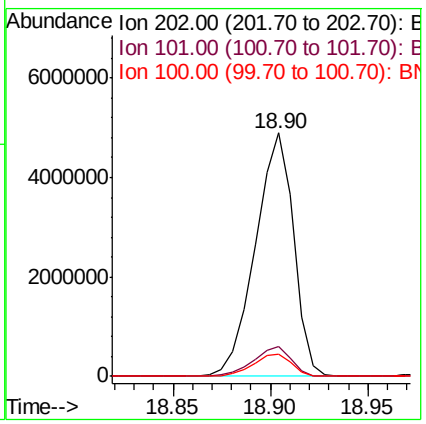


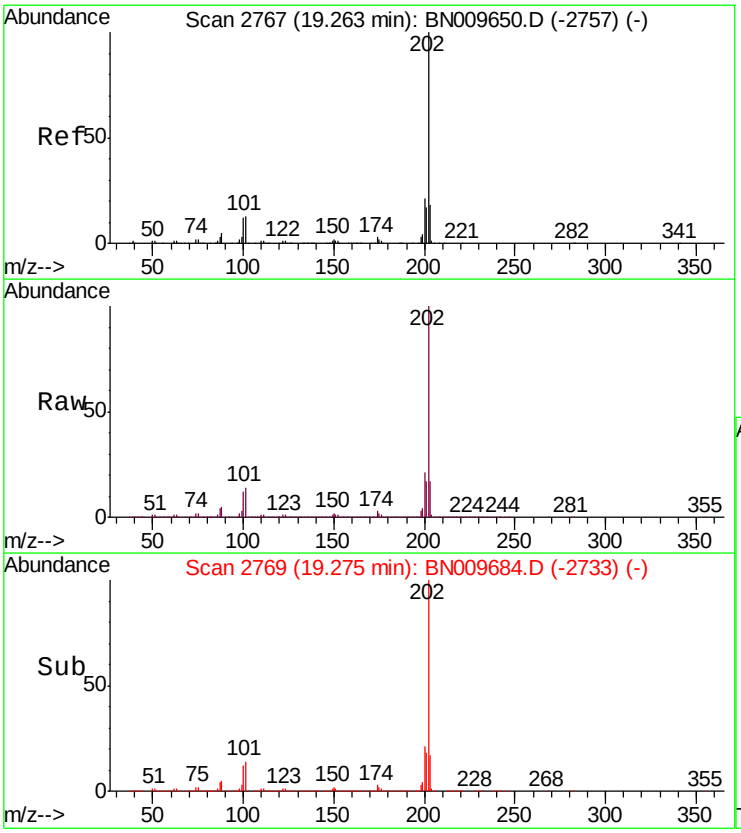
#76
Fluoranthene
Concen: 149.714 ng/ul
RT: 18.90 min Scan# 2706
Delta R.T. 0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:202 Resp: 6613786

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.2	13.8
100	9.1	6.9	10.3

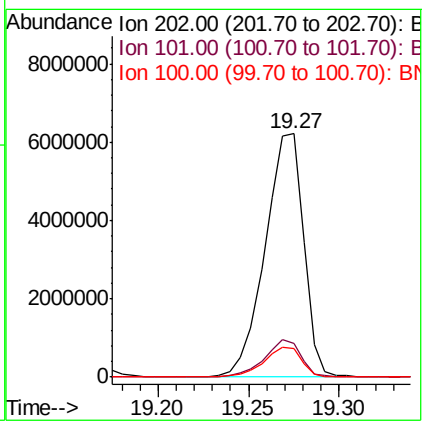


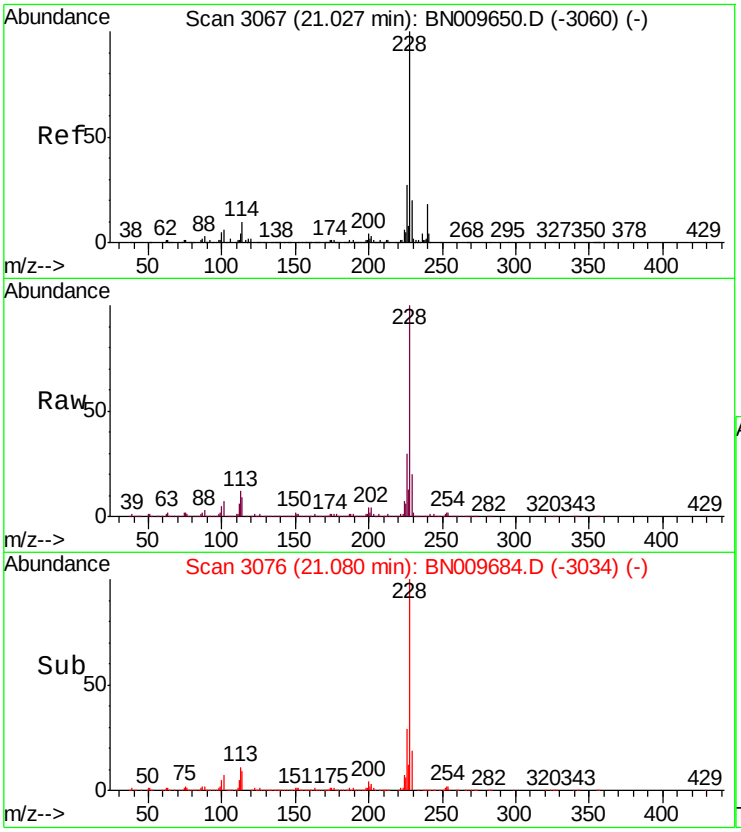


#79
Pyrene
Concen: 197.141 ng/ul
RT: 19.27 min Scan# 2769
Delta R.T. 0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:202 Resp: 9197455

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.3	15.5
100	11.7	8.4	12.6



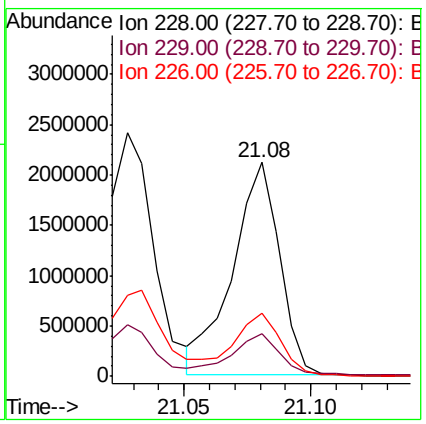


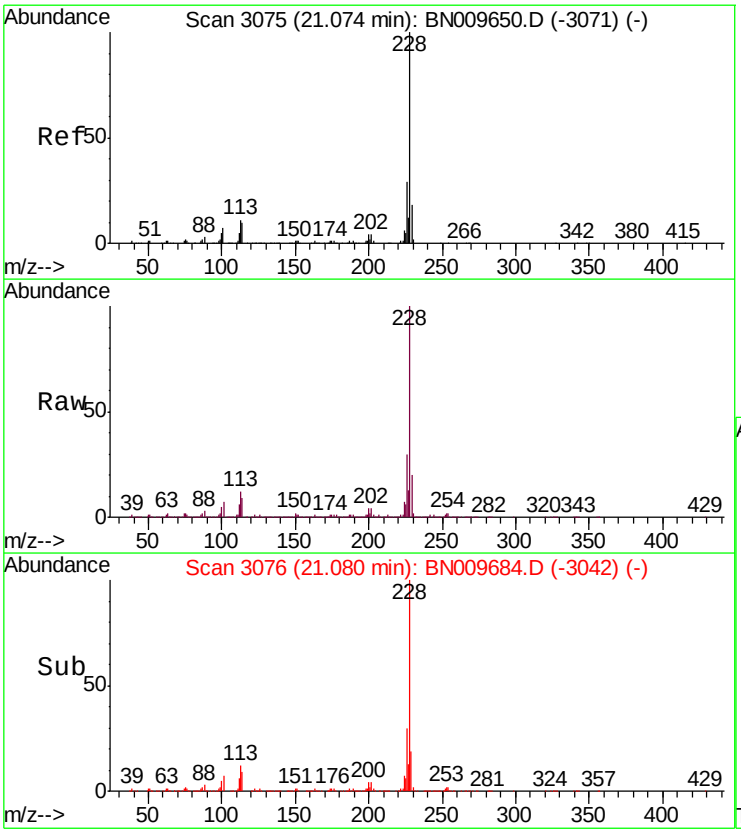
#82
Benzo(a)anthracene
Concen: 61.909 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.05 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:228 Resp: 2731801

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.0	22.4
226	29.8	20.9	31.3

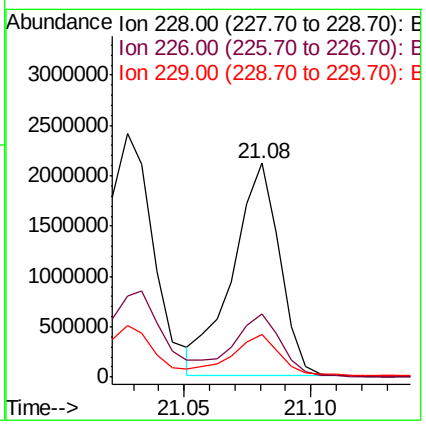


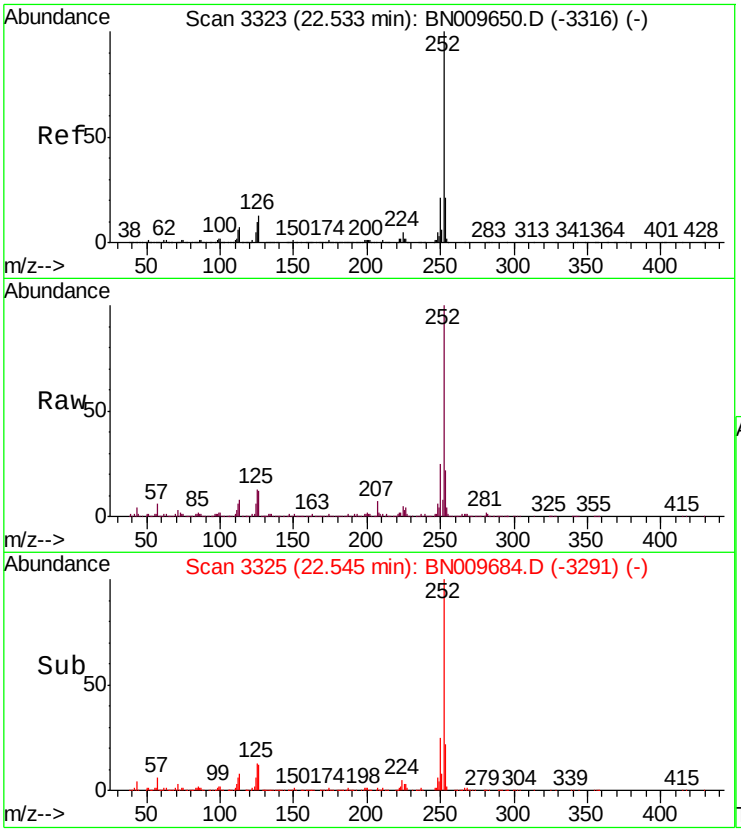


#84
Chrysene
Concen: 62.212 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:228 Resp: 2732900

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	19.7	15.8	23.8



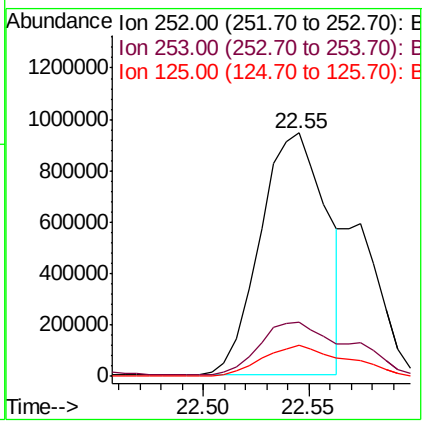


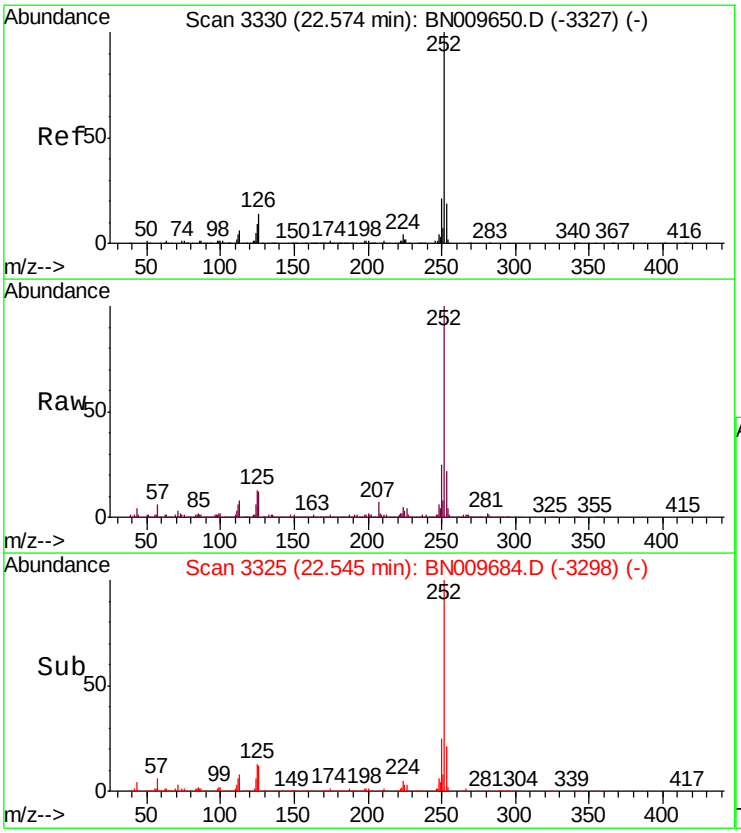
#87
Benzo(b)fluoranthene
Concen: 49.538 ng/ul
RT: 22.55 min Scan# 3325
Delta R.T. 0.00 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:252 Resp: 2054900

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.9	8.2	12.2#

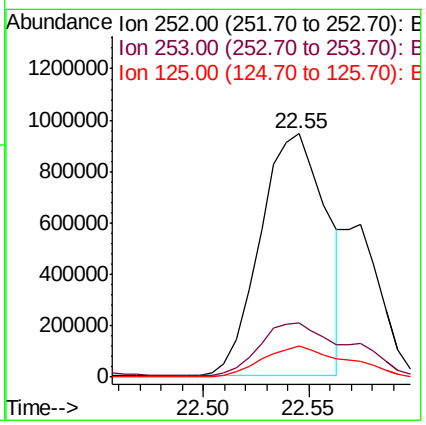


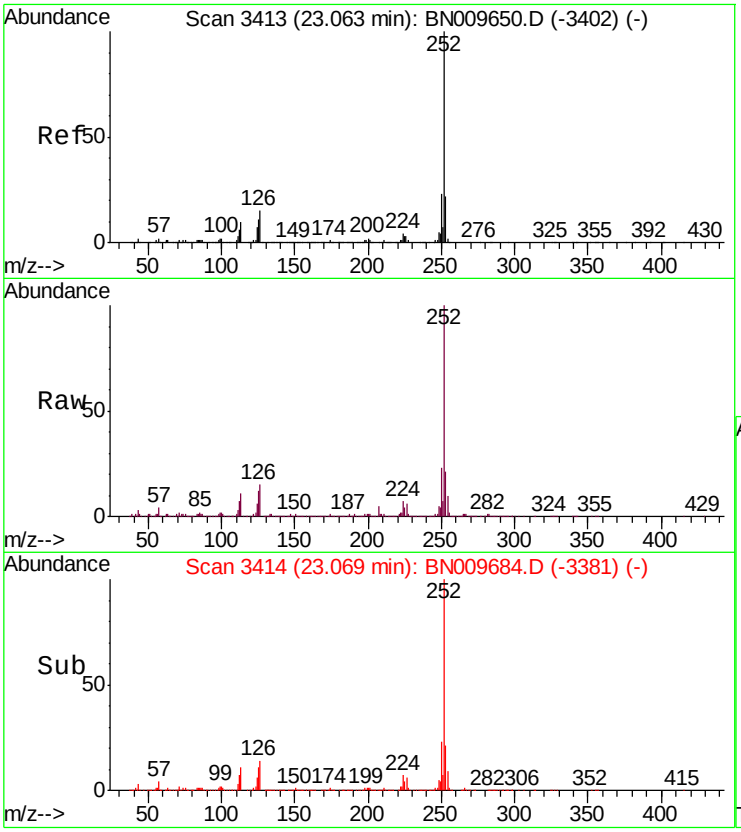


#88
Benzo(k)fluoranthene
Concen: 50.302 ng/ul
RT: 22.55 min Scan# 3325
Delta R.T. -0.04 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:252 Resp: 2054900

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	12.9	8.0	12.0#



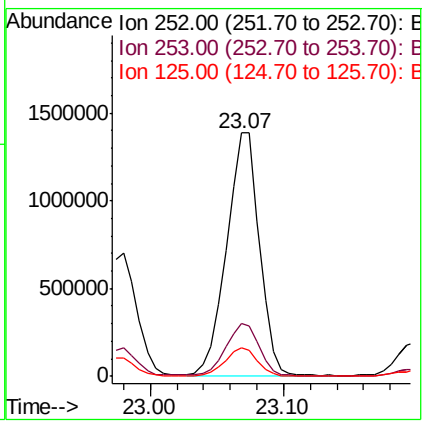


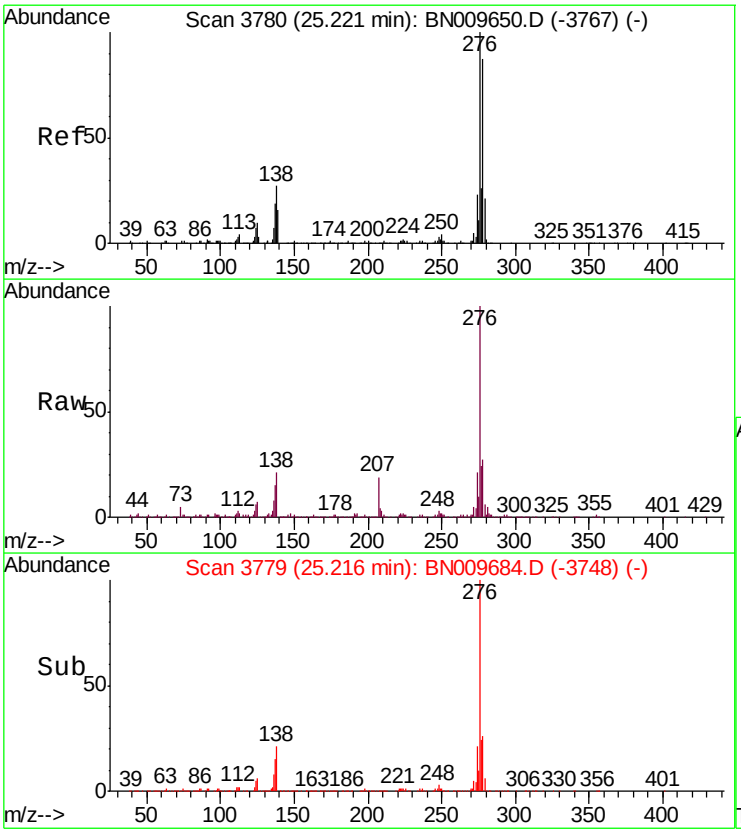
#90
Benzo(a)pyrene
Concen: 61.703 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:252 Resp: 2371396

Ion	Ratio	Lower	Upper
252	100		
253	21.5	15.8	23.8
125	11.6	8.7	13.1

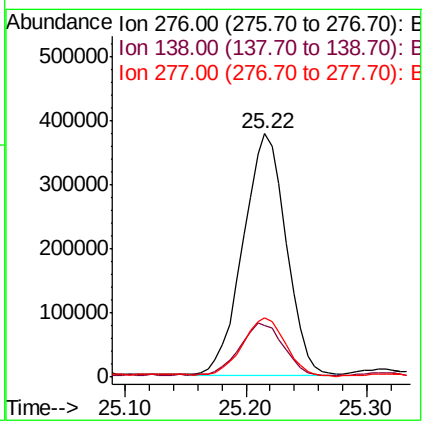


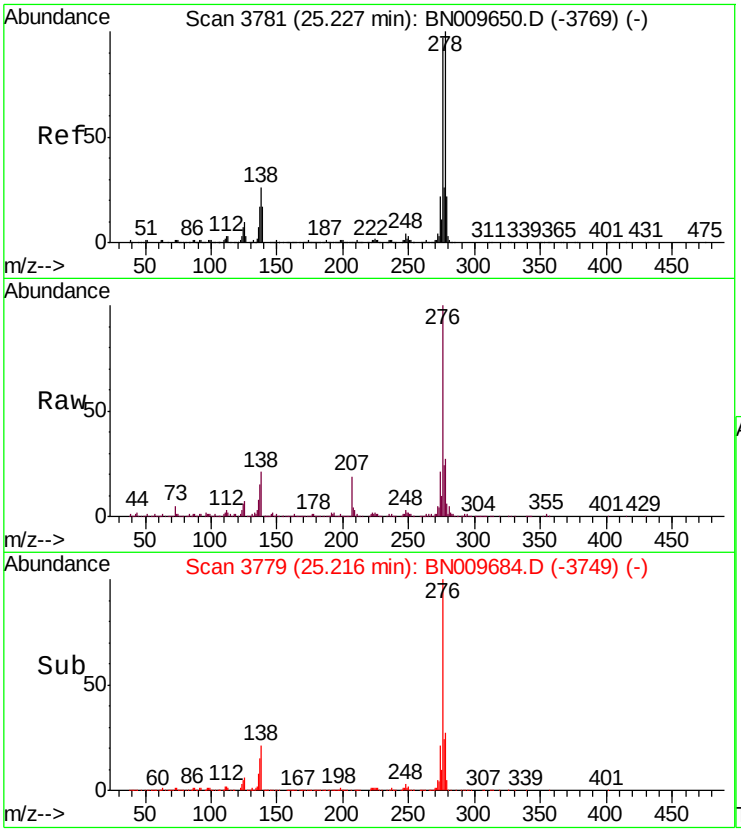


#91
Indeno(1,2,3-cd)pyrene
Concen: 20.503 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:276 Resp: 936835

Ion	Ratio	Lower	Upper
276	100		
138	21.5	20.3	30.5
277	24.5	21.2	31.8



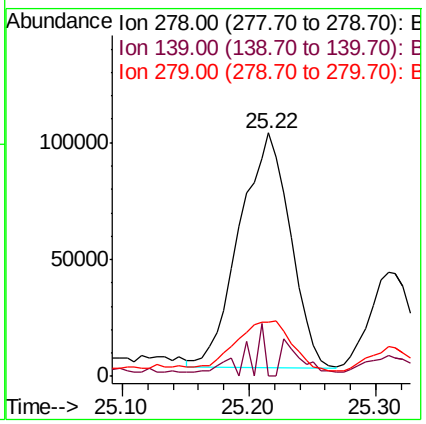


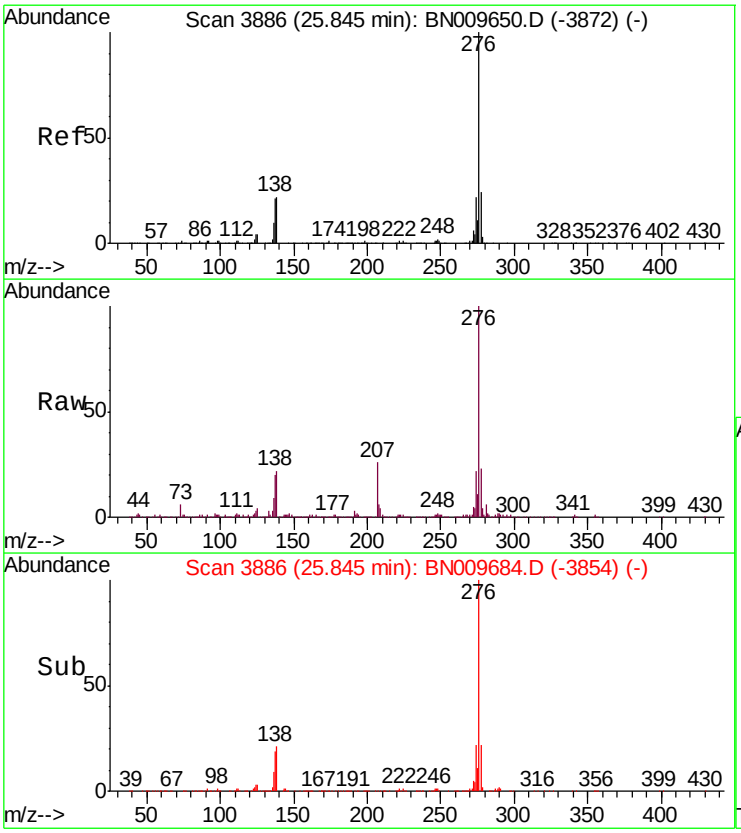
#92
Dibenzo(a,h)anthracene
Concen: 7.252 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Instrument :
BNA_N
ClientSampleId :
GAT70ME

Tgt Ion:278 Resp: 278938

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	22.3	19.8	29.8





#93
Benzo(g,h,i)perylene
Concen: 21.499 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.01 min
Lab File: BN009684.D
Acq: 10 Feb 2020 14:24

Tgt Ion:276 Resp: 823292

Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.0	24.0
277	22.9	17.0	25.6