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

Quantitation Report (Not Reviewed)

Data File : BN009687.D
Acq On : 10 Feb 2020 16:12
Operator : CG/JU
Sample : L1324-09ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66ME

Quant Time: Feb 11 01:39:56 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	127357	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	540641	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	336230	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	694362	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	665694	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	674107	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	6344	2.04	ng/uL	0.00
5) Phenol-d5	6.63	99	121173	10.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	101111	13.55	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	103459	12.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	98681	11.16	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	54239	13.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	53754	11.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	98036	11.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	80659	8.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	323895	13.20	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	406482	13.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	34440	7.43	ng/ul	0.00
57) Fluorene-d10	15.07	176	325055	15.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	32249	7.44	ng/ul	0.00
70) Anthracene-d10	16.92	188	484904	15.37	ng/ul	0.00
78) Pyrene-d10	19.23	212	493439	14.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	478937	14.43	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.60	77	10923	1.433	ng/ul#	1
17) Hexachloroethane	8.45	117	11006	2.863	ng/ul#	8
28) Naphthalene	10.23	128	4576993	156.113	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	3252297	158.514	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	359802	13.744	ng/ul	98
44) Dimethylphthalate	13.54	163	32751	1.257	ng/ul#	96
47) Acenaphthylene	13.79	152	1971098	60.733	ng/ul	99
49) Acenaphthene	14.13	153	149817	6.790	ng/ul	99
53) Dibenzofuran	14.47	168	163854	5.333	ng/ul	93
54) 2,4-Dinitrotoluene	14.45	165	8962	1.201	ng/ul#	56
58) Fluorene	15.13	166	1036652	40.373	ng/ul	97
69) Phenanthrene	16.87	178	4384371	110.720	ng/ul	98
71) Anthracene	16.96	178	1115960	27.775	ng/ul	99
76) Fluoranthene	18.90	202	1913429	42.337	ng/ul	98
79) Pyrene	19.26	202	3229082	66.448	ng/ul	100
82) Benzo(a)anthracene	21.02	228	1040084	22.629	ng/ul#	90
84) Chrysene	21.07	228	872772	19.074	ng/ul	96
87) Benzo(b)fluoranthene	22.53	252	1069507	25.358	ng/ul	95
88) Benzo(k)fluoranthene	22.53	252	1069507	25.749	ng/ul#	95
90) Benzo(a)pyrene	23.06	252	952896	24.386	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.21	276	453530	9.762	ng/ul	95
92) Dibenzo(a,h)anthracene	25.21	278	151109	3.864	ng/ul#	83
93) Benzo(g,h,i)perylene	25.83	276	370751	9.522	ng/ul	93

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

Quantitation Report (Not Reviewed)

Data File : BN009687.D
Acq On : 10 Feb 2020 16:12
Operator : CG/JU
Sample : L1324-09ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66ME

Quant Time: Feb 11 01:39:56 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)

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

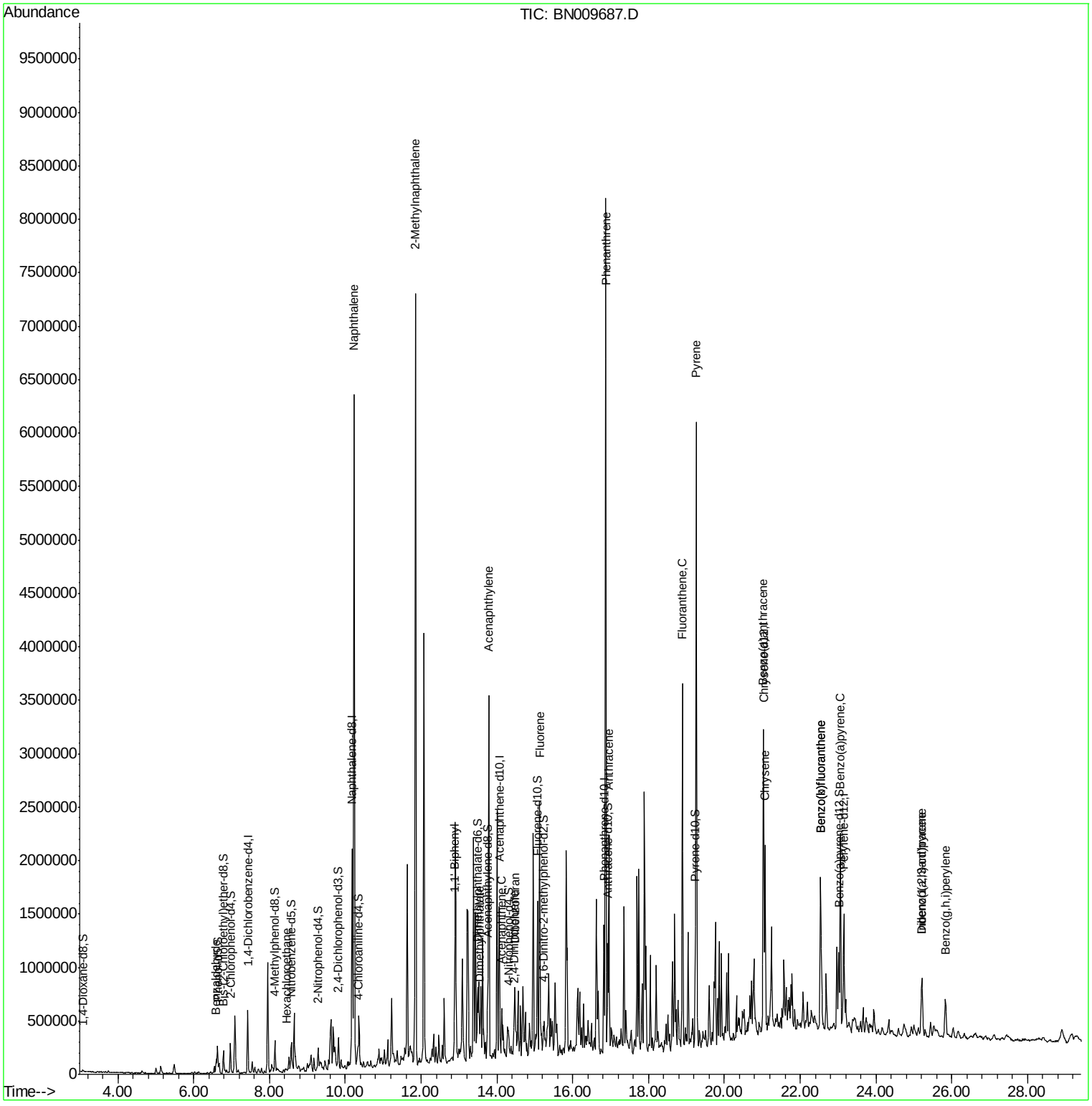
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

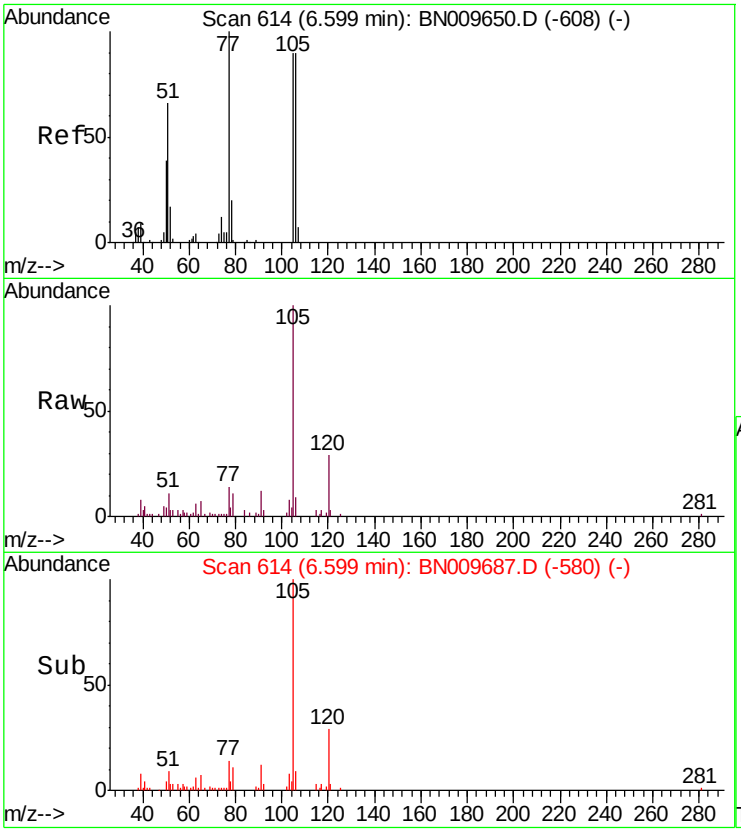
Quantitation Report (Not Reviewed)

Data File : BN009687.D
Acq On : 10 Feb 2020 16:12
Operator : CG/JU
Sample : L1324-09ME
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66ME

Quant Time: Feb 11 01:39:56 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



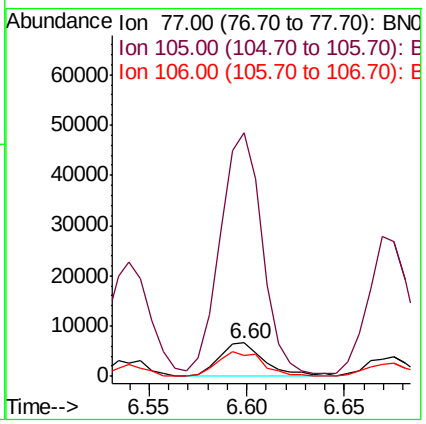


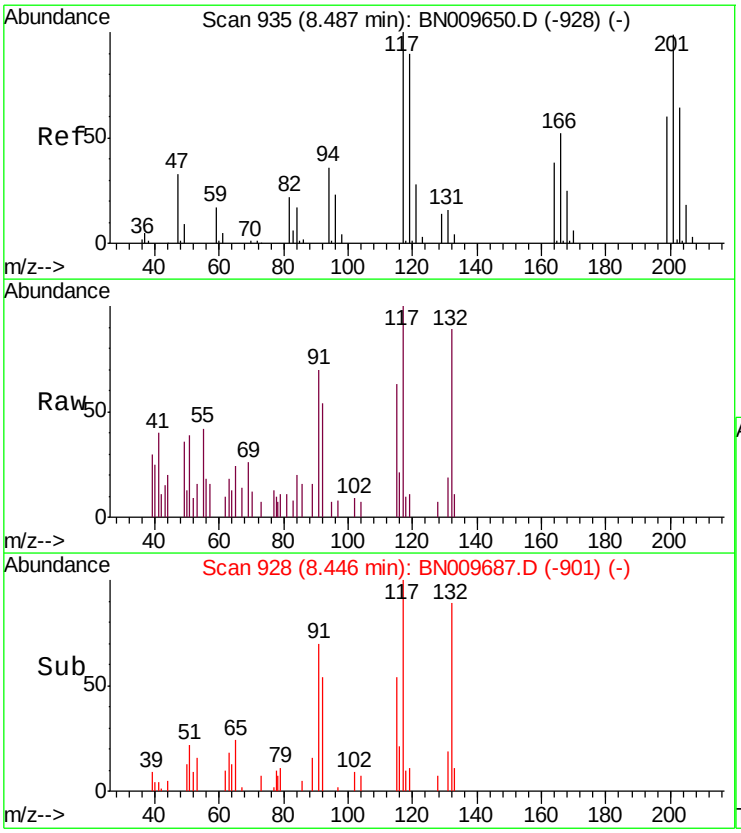
#4
Benzaldehyde
Concen: 1.433 ng/ul
RT: 6.60 min Scan# 614
Delta R.T. -0.00 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion: 77 Resp: 10923

Ion	Ratio	Lower	Upper
77	100		
105	732.6	74.5	111.7#
106	62.6	70.8	106.2#

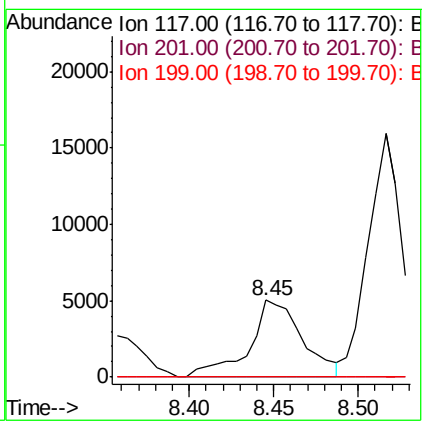


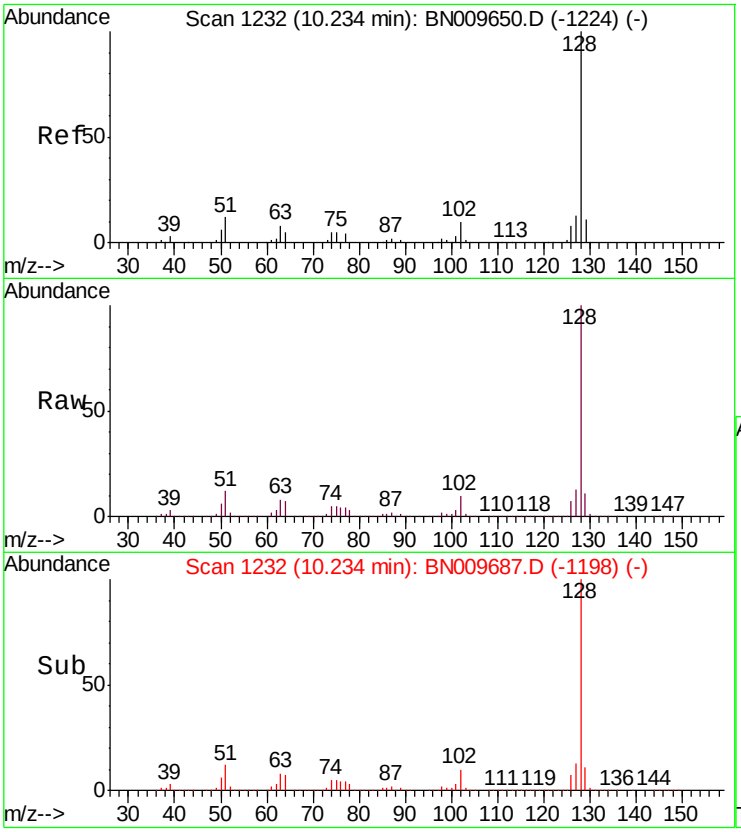


#17
Hexachloroethane
Concen: 2.863 ng/ul
RT: 8.45 min Scan# 928
Delta R.T. -0.04 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:117 Resp: 11006

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



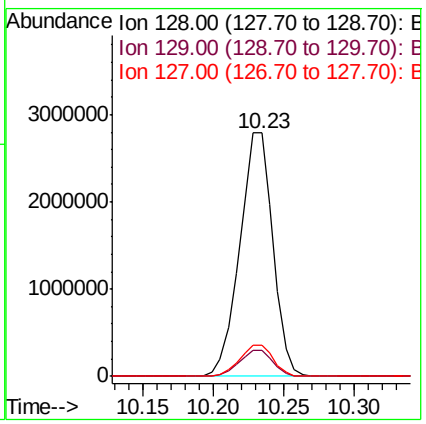


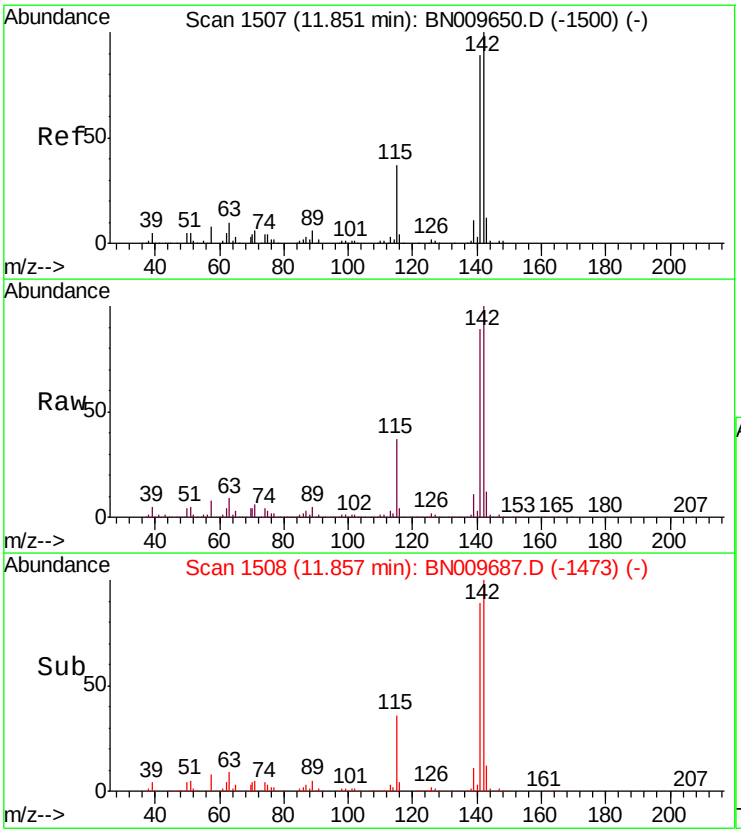
#28
Naphthalene
Concen: 156.113 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:128 Resp: 4576993

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.8	10.7	16.1

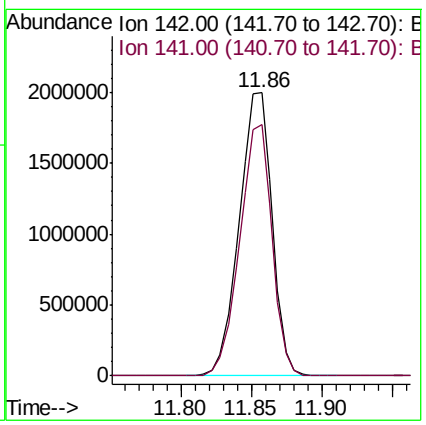


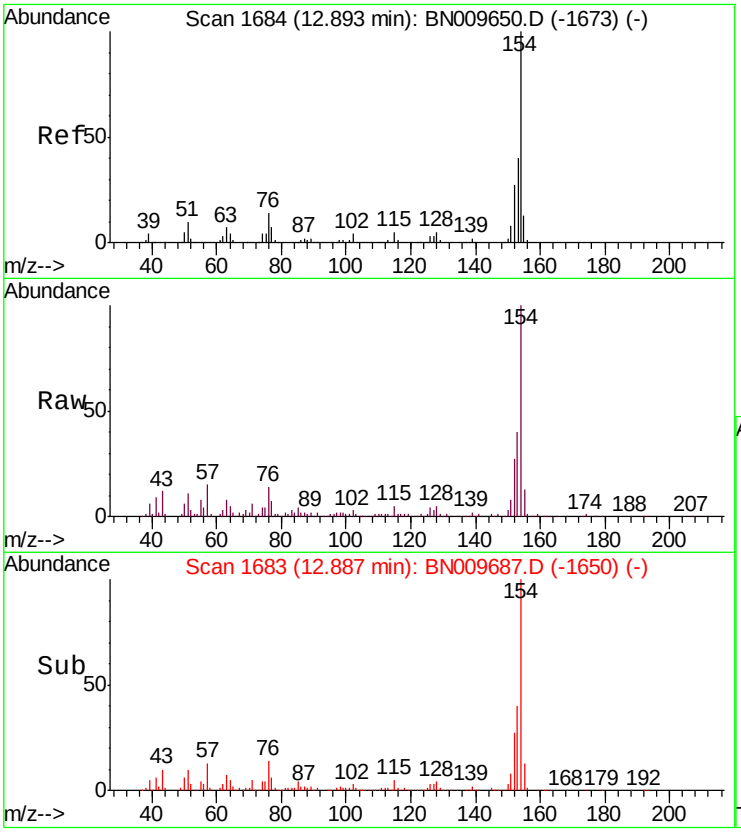


#34
2-Methylnaphthalene
Concen: 158.514 ng/ul
RT: 11.86 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:142 Resp: 3252297

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.5	107.3



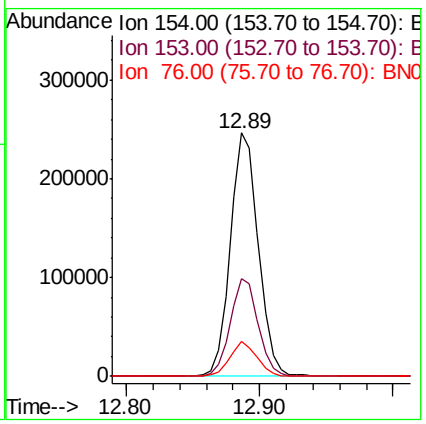


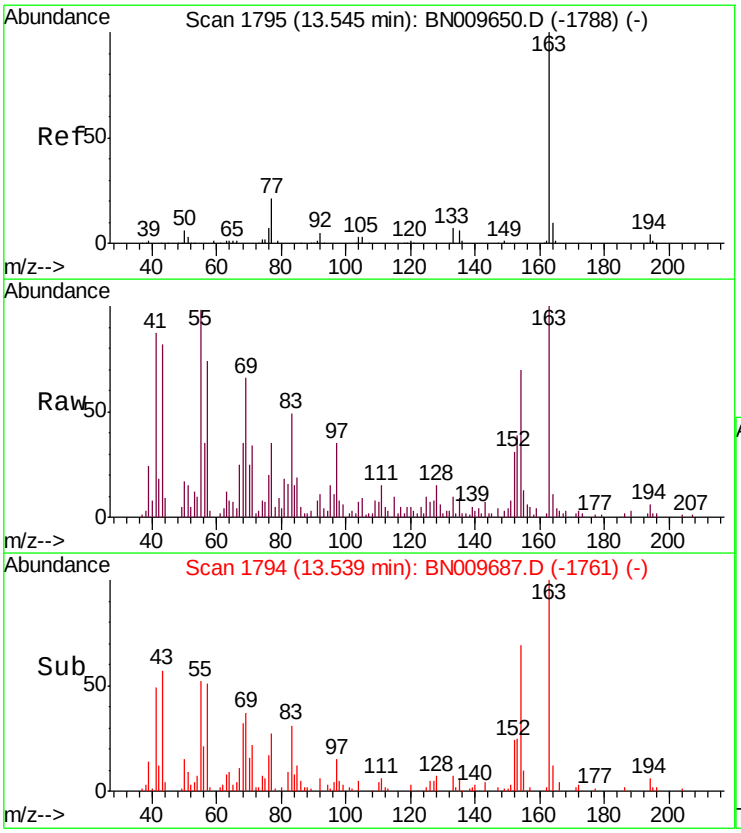
#40
1,1'-Biphenyl
Concen: 13.744 ng/ul
RT: 12.89 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:154 Resp: 359802

Ion	Ratio	Lower	Upper
154	100		
153	40.3	31.2	46.8
76	14.5	11.4	17.2

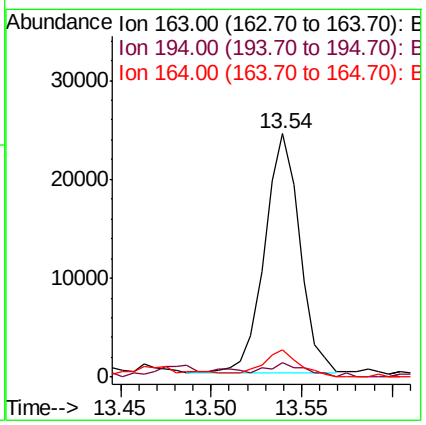


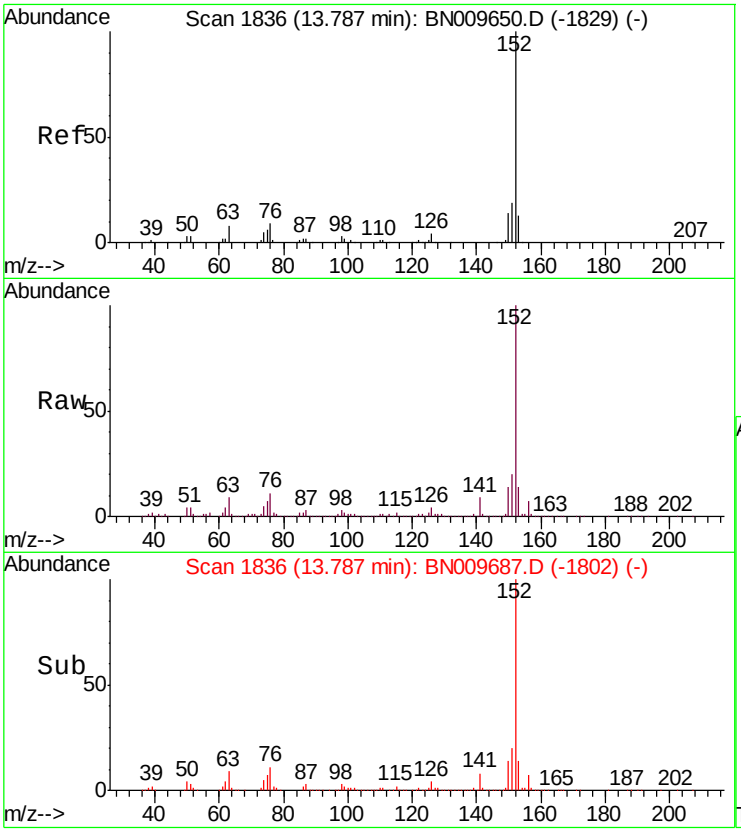


#44
Dimethylphthalate
Concen: 1.257 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:163 Resp: 32751

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.5	5.3#
164	11.5	8.0	12.0



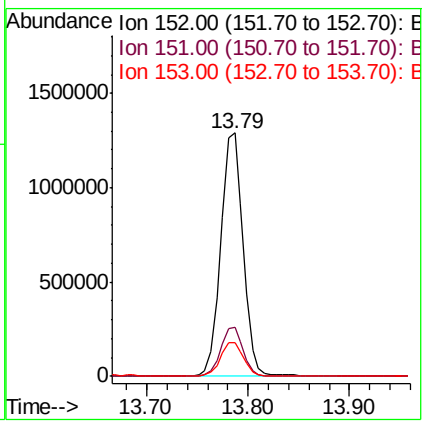


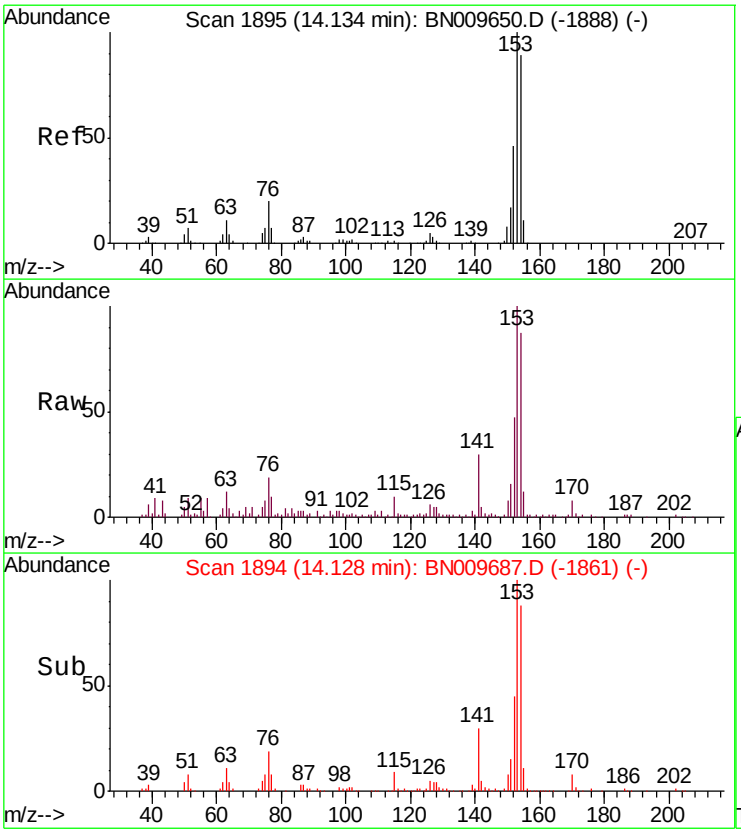
#47
Acenaphthylene
Concen: 60.733 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:152 Resp: 1971098

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	14.0	10.6	15.8

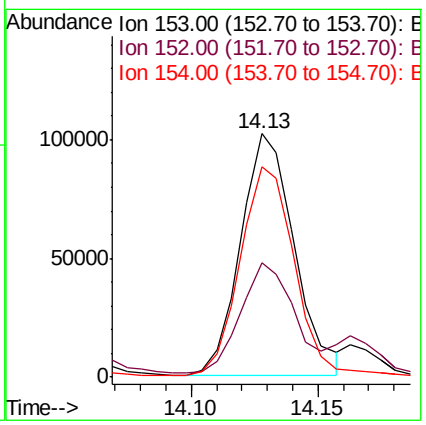


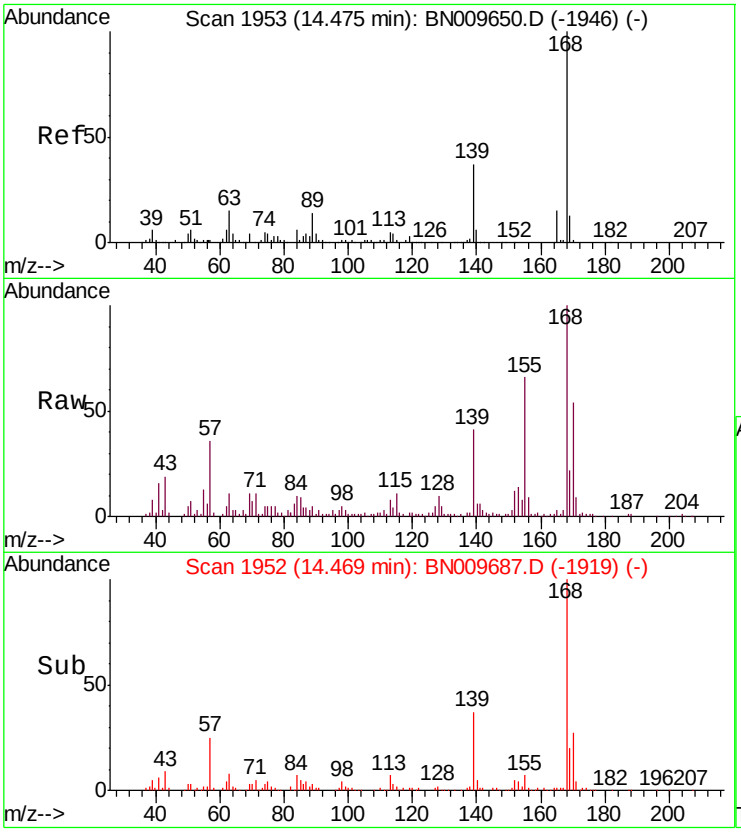


#49
Acenaphthene
Concen: 6.790 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:153 Resp: 149817

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.3	55.9
154	86.5	70.2	105.2



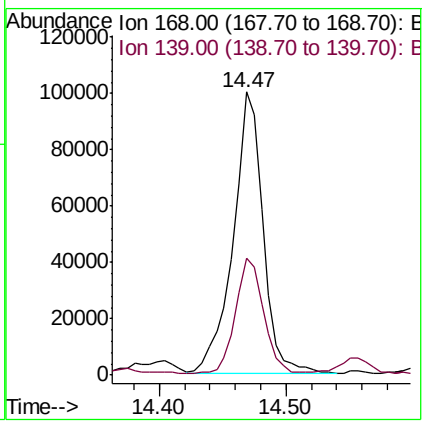


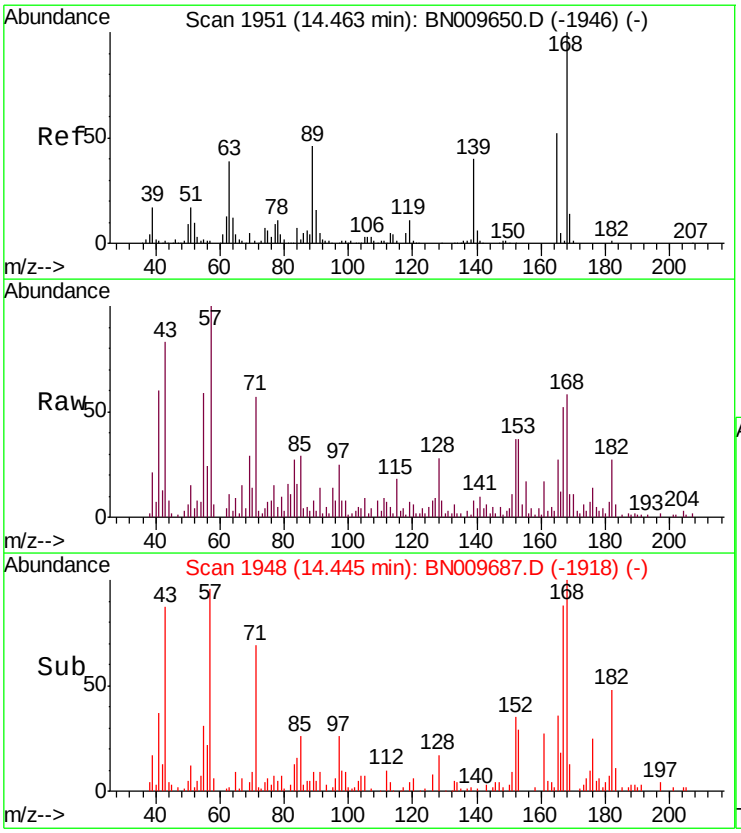
#53
Dibenzofuran
Concen: 5.333 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:168 Resp: 163854

Ion	Ratio	Lower	Upper
168	100		
139	41.2	29.5	44.3

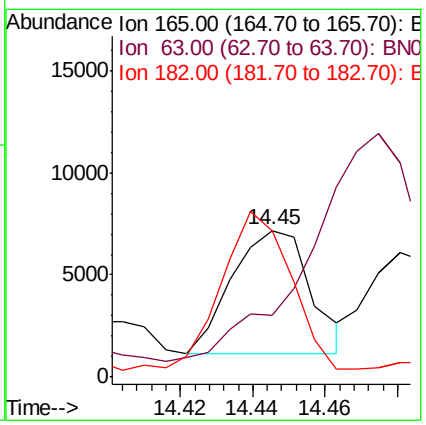


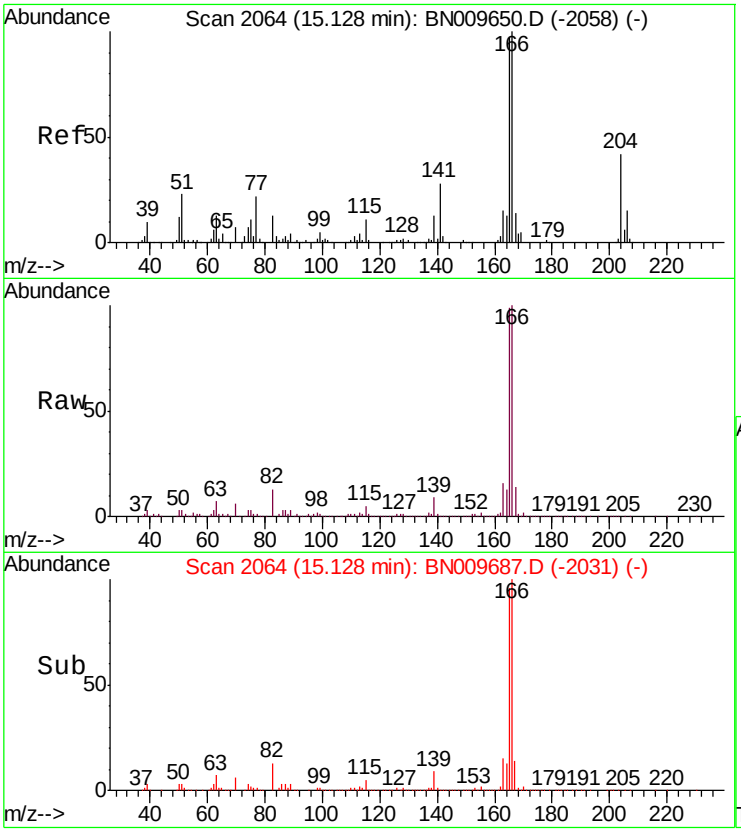


#54
2,4-Dinitrotoluene
Concen: 1.201 ng/ul
RT: 14.45 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:165 Resp: 8962

Ion	Ratio	Lower	Upper
165	100		
63	41.8	55.0	82.4#
182	99.8	2.4	3.6#



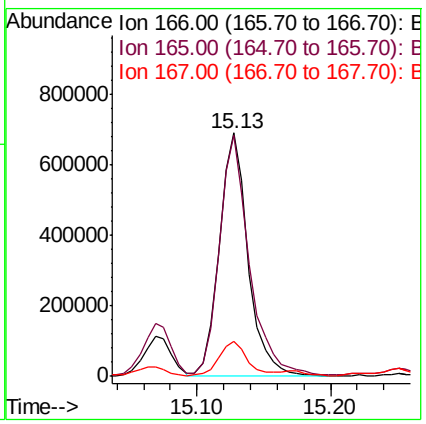


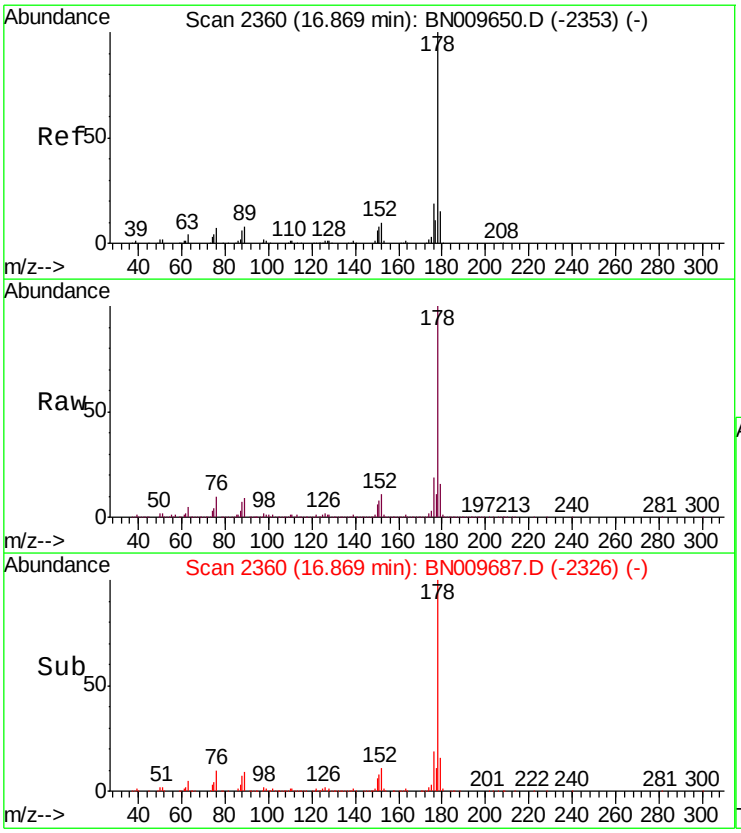
#58
Fluorene
Concen: 40.373 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:166 Resp: 1036652

Ion	Ratio	Lower	Upper
166	100		
165	99.1	76.7	115.1
167	14.2	11.1	16.7

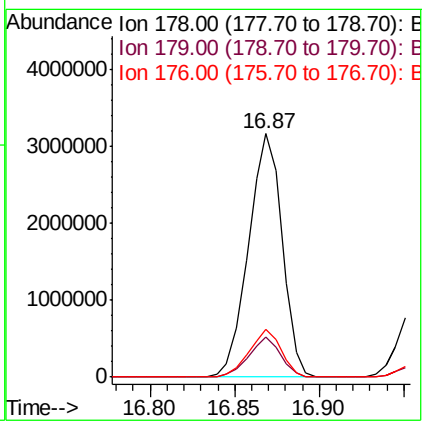


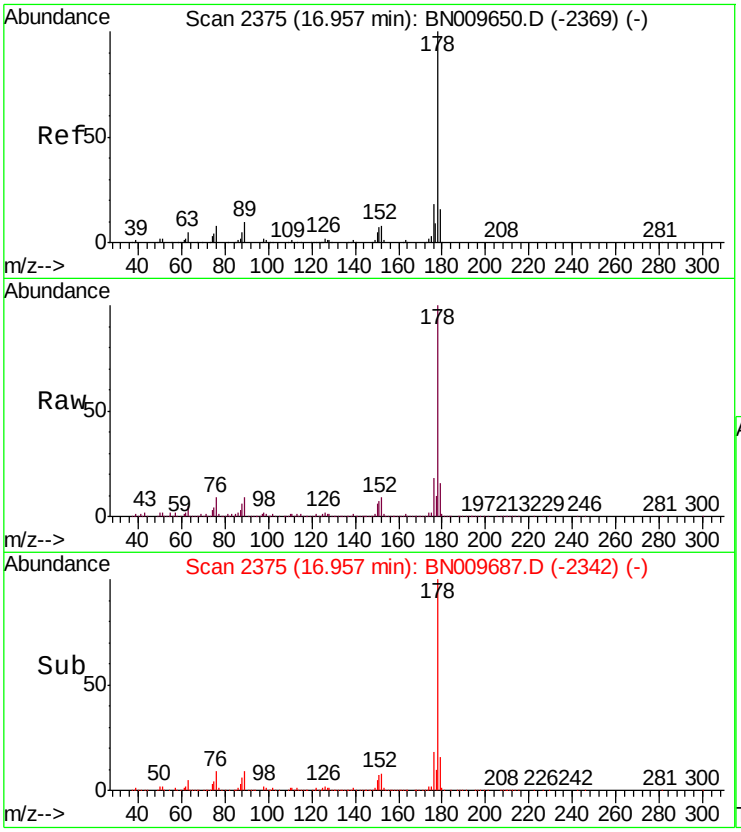


#69
Phenanthrene
Concen: 110.720 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:178 Resp: 4384371

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.2
176	19.4	14.8	22.2



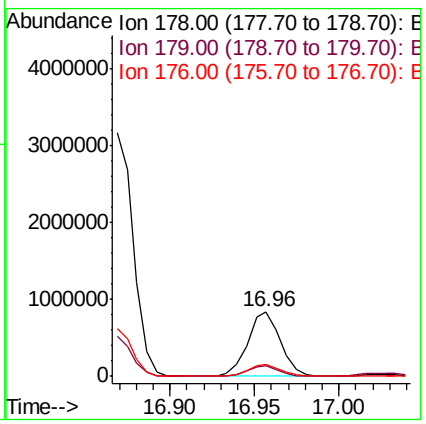


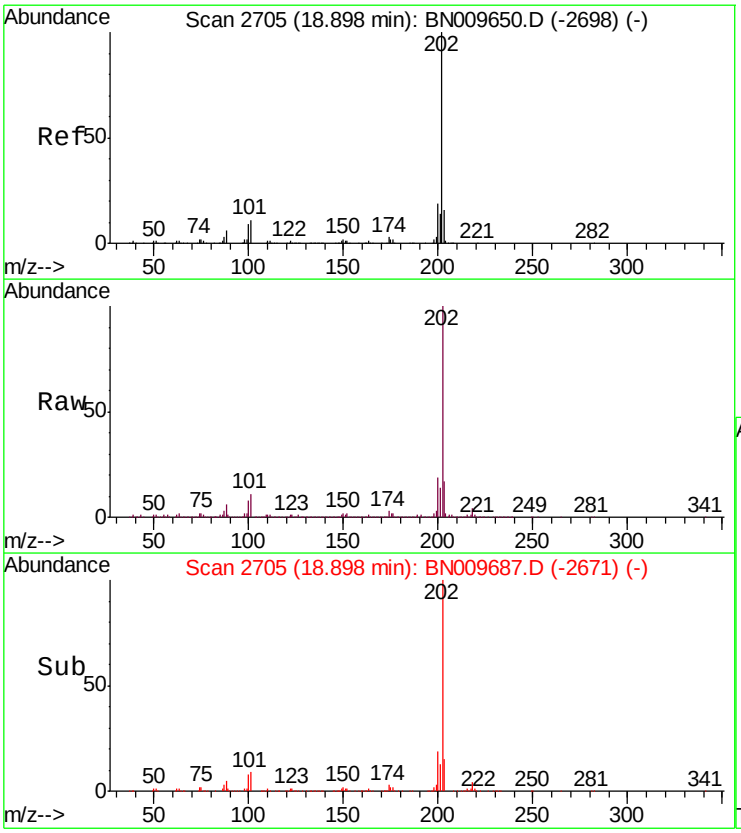
#71
Anthracene
Concen: 27.775 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:178 Resp: 1115960

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.1	18.1
176	18.3	14.6	21.8

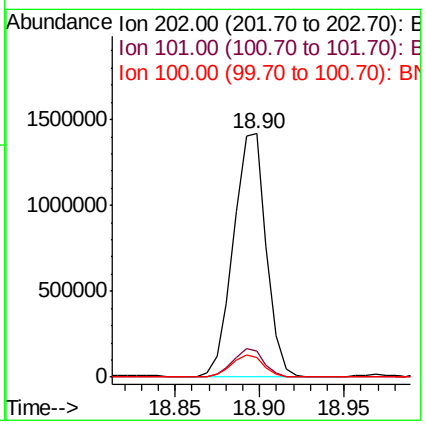


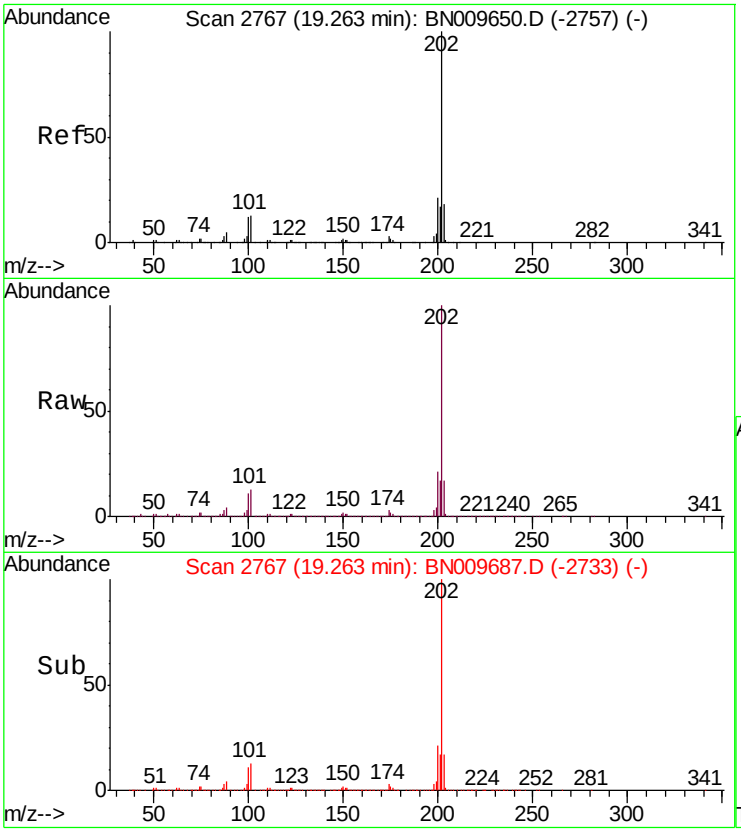


#76
Fluoranthene
Concen: 42.337 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:202 Resp: 1913429

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.2	13.8
100	8.1	6.9	10.3



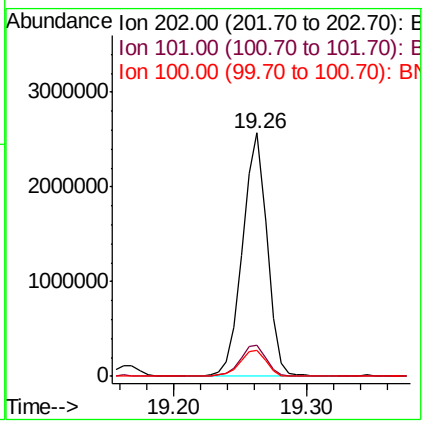


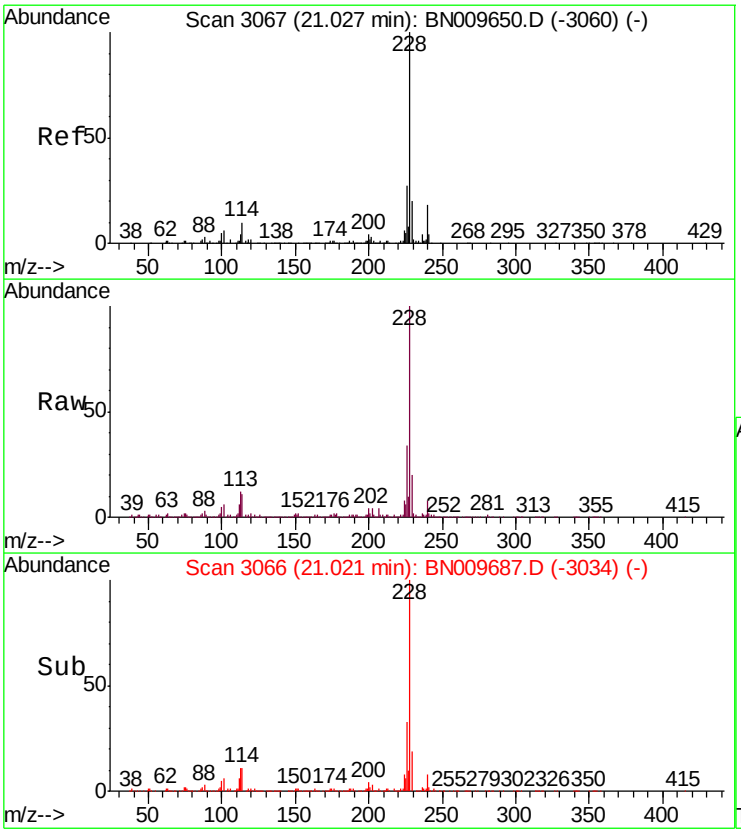
#79
Pyrene
Concen: 66.448 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:202 Resp: 3229082

Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.3	15.5
100	10.7	8.4	12.6

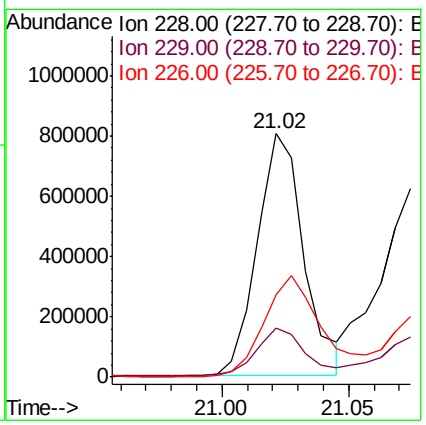


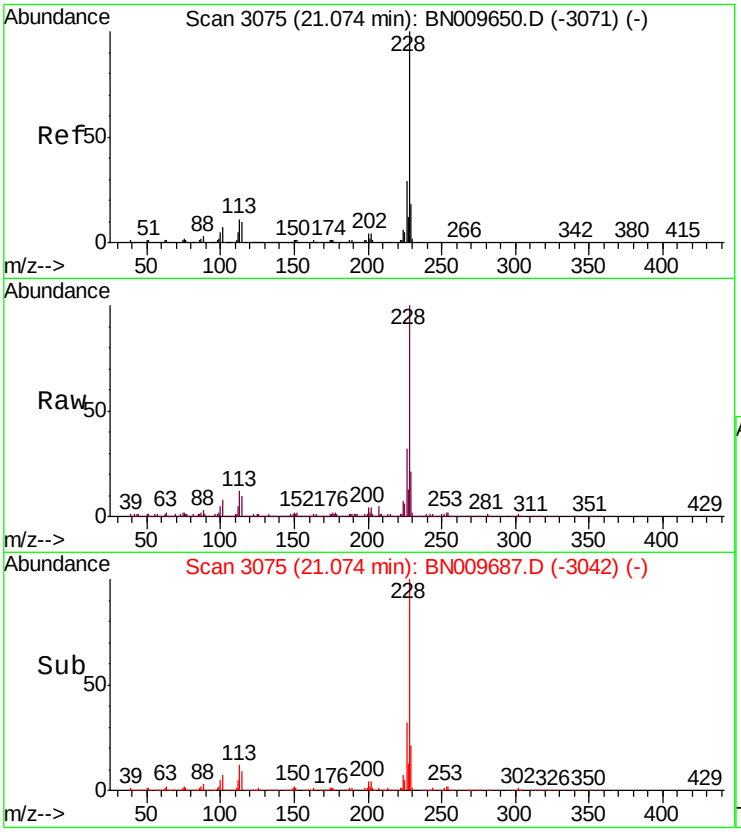


#82
Benzo(a)anthracene
Concen: 22.629 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:228 Resp: 1040084

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.4
226	33.9	20.9	31.3#



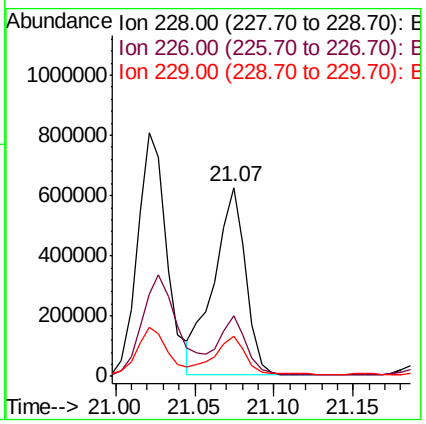


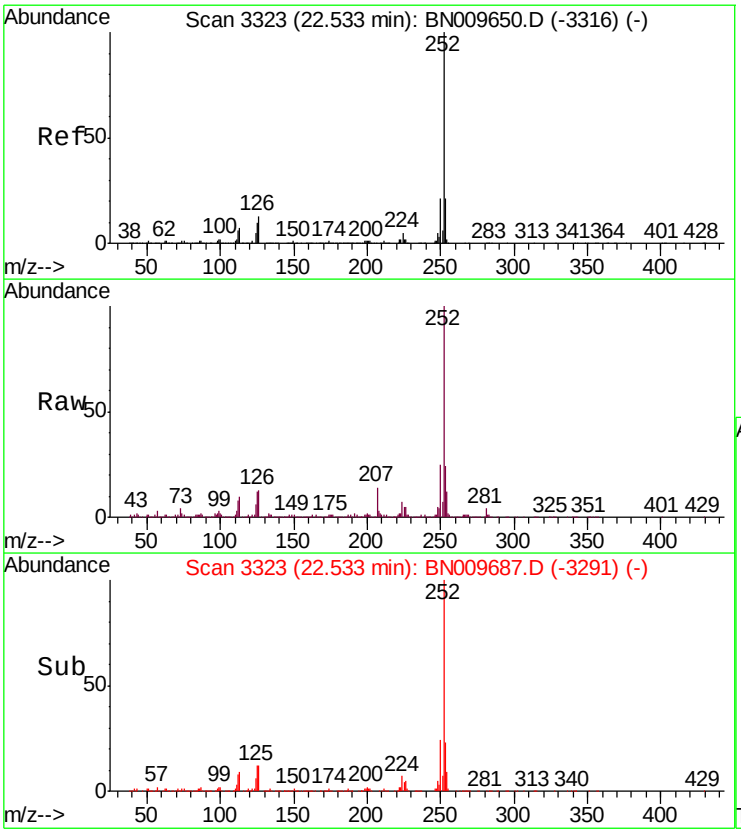
#84
Chrysene
Concen: 19.074 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:228 Resp: 872772

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.5	35.3
229	21.4	15.8	23.8

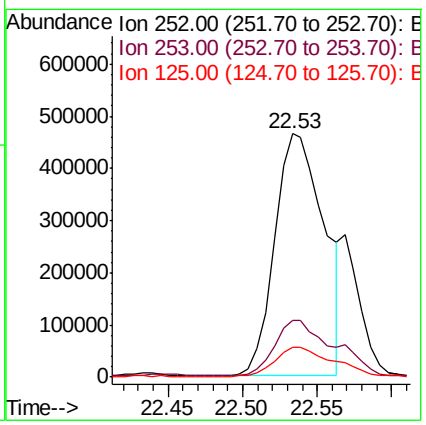


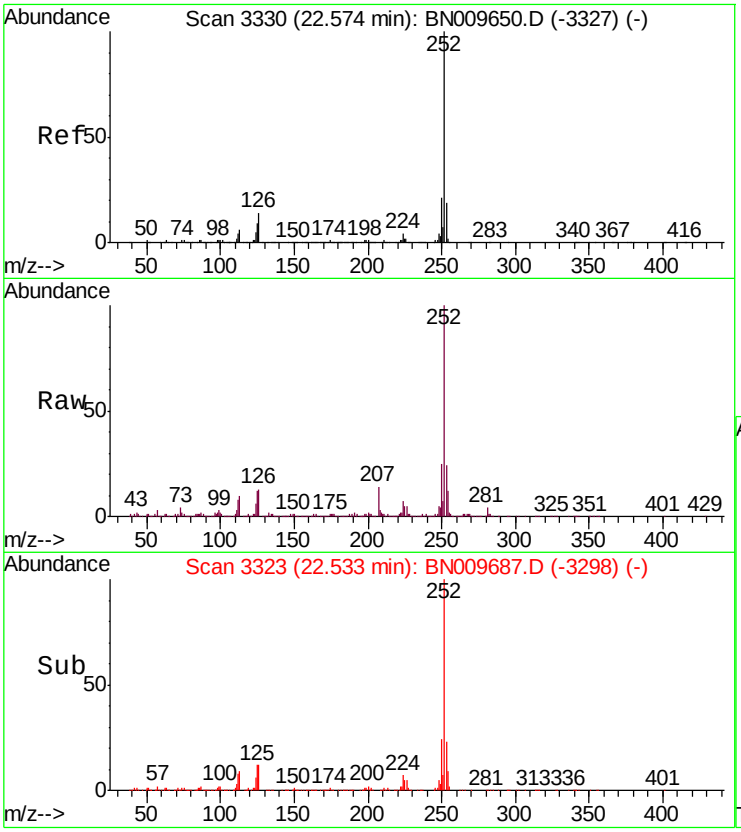


#87
Benzo(b)fluoranthene
Concen: 25.358 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:252 Resp: 1069507

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	12.1	8.2	12.2



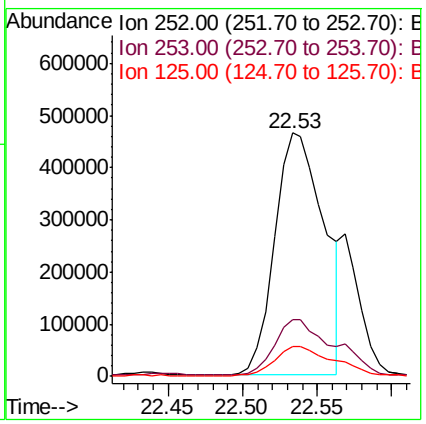


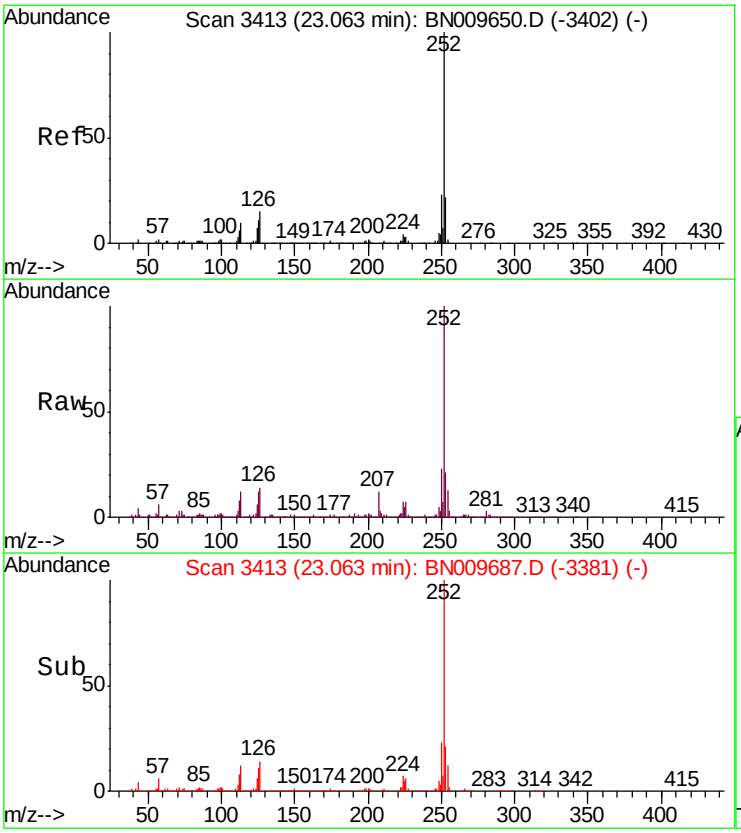
#88
Benzo(k)fluoranthene
Concen: 25.749 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.05 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:252 Resp: 1069507

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.4
125	12.1	8.0	12.0#

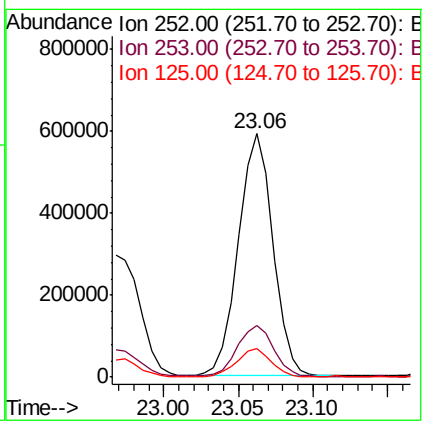


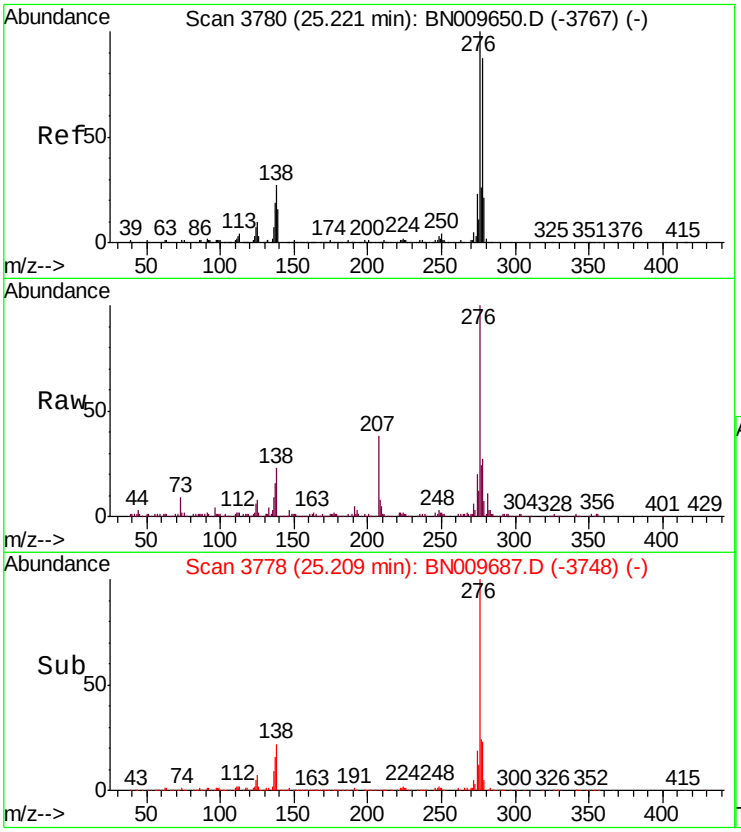


#90
Benzo(a)pyrene
Concen: 24.386 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:252 Resp: 952896

Ion	Ratio	Lower	Upper
252	100		
253	21.3	15.8	23.8
125	11.6	8.7	13.1



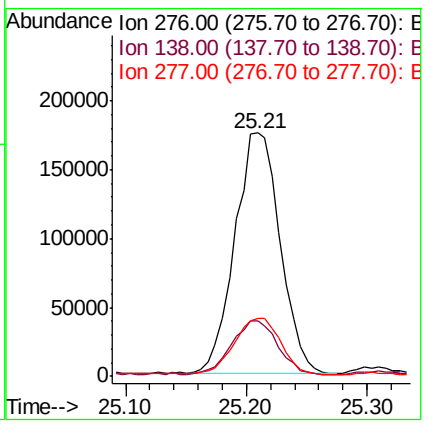


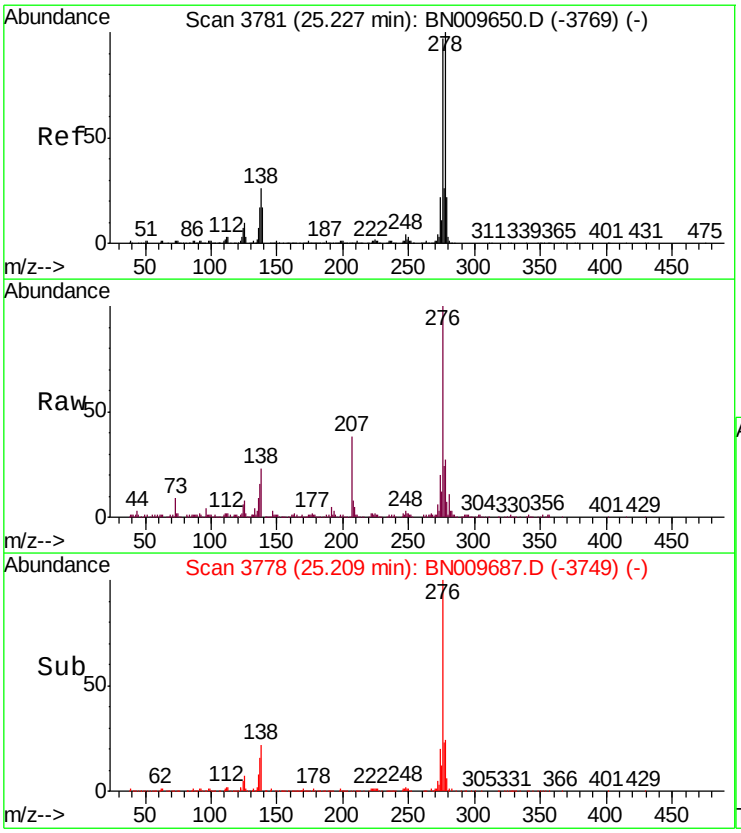
#91
Indeno(1,2,3-cd)pyrene
Concen: 9.762 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:276 Resp: 453530

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.3	30.5
277	24.0	21.2	31.8

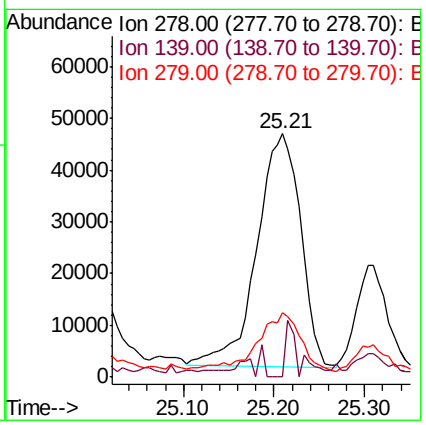


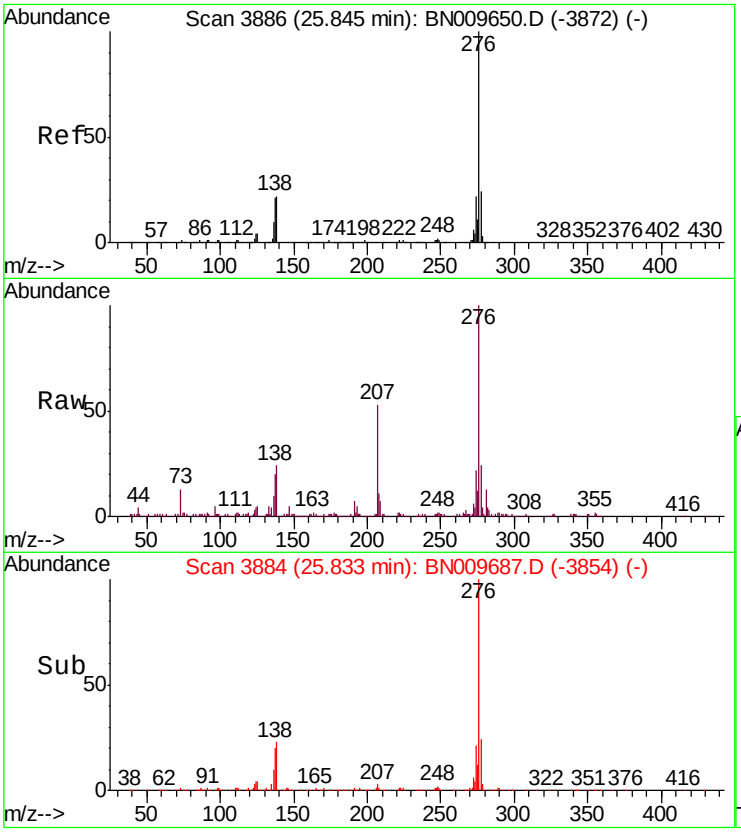


#92
Dibenzo(a,h)anthracene
Concen: 3.864 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.03 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Tgt Ion:278 Resp: 151109

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	26.4	19.8	29.8





#93
Benzo(g,h,i)perylene
Concen: 9.522 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN009687.D
Acq: 10 Feb 2020 16:12

Instrument :
BNA_N
ClientSampleId :
GAT66ME

Tgt Ion:276 Resp: 370751

Ion	Ratio	Lower	Upper
276	100		
138	23.8	16.0	24.0
277	24.0	17.0	25.6