Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT62

Quant Time: Feb 07 11:15:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	205739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	853392	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.07	164	522184	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.84	188	985736	20.00	ng/ul	0.01
77) Chrysene-d12	21.06	240	852864	20.00	ng/ul	0.02
85) Perylene-d12	23.17	264	969649	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	311	0.06	ng/uL	0.02
5) Phenol-d5	6.64	99	17748	0.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	11884	0.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	13459	1.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	14779	1.03	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	7032	1.11	ng/ul	0.01
22) 2-Nitrophenol-d4	9.30	143	7058	1.00	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.83	165	14551	1.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.37	131	31090	2.18	ng/ul	0.04
43) Dimethylphthalate-d6	13.50	166	64332	1.69	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	54518	1.18	ng/ul	0.01
51) 4-Nitrophenol-d4	14.30	143	3421	0.48	ng/ul	0.00
57) Fluorene-d10	15.08	176	42952	1.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	229	0.04	ng/ul	0.00
70) Anthracene-d10	16.84	188	985736	22.01	ng/ul	-0.09
78) Pyrene-d10	19.25	212	64957	1.45	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.04	264	62831	1.32	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.26	105	55959	2.45	ng/ul	96
17) Hexachloroethane	8.46	117	8301	1.34	ng/ul#	8
30) 4-Chloroaniline	10.29	127	8517655	578.18	ng/ul#	5
34) 2-Methylnaphthalene	11.88	142	20576523	635.34	ng/ul	99
40) 1,1'-Biphenyl	12.90	154	4696352	115.51	ng/ul	99
47) Acenaphthylene	13.81	152	17053682	338.33	ng/ul#	86
49) Acenaphthene	14.14	153	1182858	34.52	ng/ul	99
53) Dibenzofuran	14.48	168	1570450	32.91	ng/ul	95
54) 2,4-Dinitrotoluene	14.49	165	37391	3.23	ng/ul#	1
58) Fluorene	15.15	166	8074280	202.47	ng/ul	98
60) 4-Nitroaniline	15.15	138	94464	10.34	ng/ul#	14
64) N-Nitrosodiphenylamine	15.35	169	75394	2.56	ng/ul#	64
69) Phenanthrene	16.98	178	5391278	95.90	ng/ul	98
71) Anthracene	16.98	178	5385462	94.42	ng/ul	99
74) Carbazole	17.25	167	166593	3.35	ng/ul	94
76) Fluoranthene	19.06	202	5543988	86.41	ng/ul	99
79) Pyrene	19.18	202	700148	11.25	ng/ul	96
82) Benzo(a)anthracene	21.10	228	7169211	121.75	ng/ul	93
84) Chrysene	21.10	228	7171260	122.33	ng/ul	98
87) Benzo(b)fluoranthene	22.71	252	1681361	27.71	ng/ul	98
88) Benzo(k)fluoranthene	22.71	252	1780404	29.80	ng/ul	97
90) Benzo(a)pyrene	23.09	252	4840631	86.12	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.24	276	2828028	42.32	ng/ul	94

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT62

Quant Time: Feb 07 11:15:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Dibenzo(a,h)anthracene	25.24	278	912852	16.23	ng/ul#	91
93) Benzo(g,h,i)perylene	25.88	276	2878197	51.39	ng/ul	92

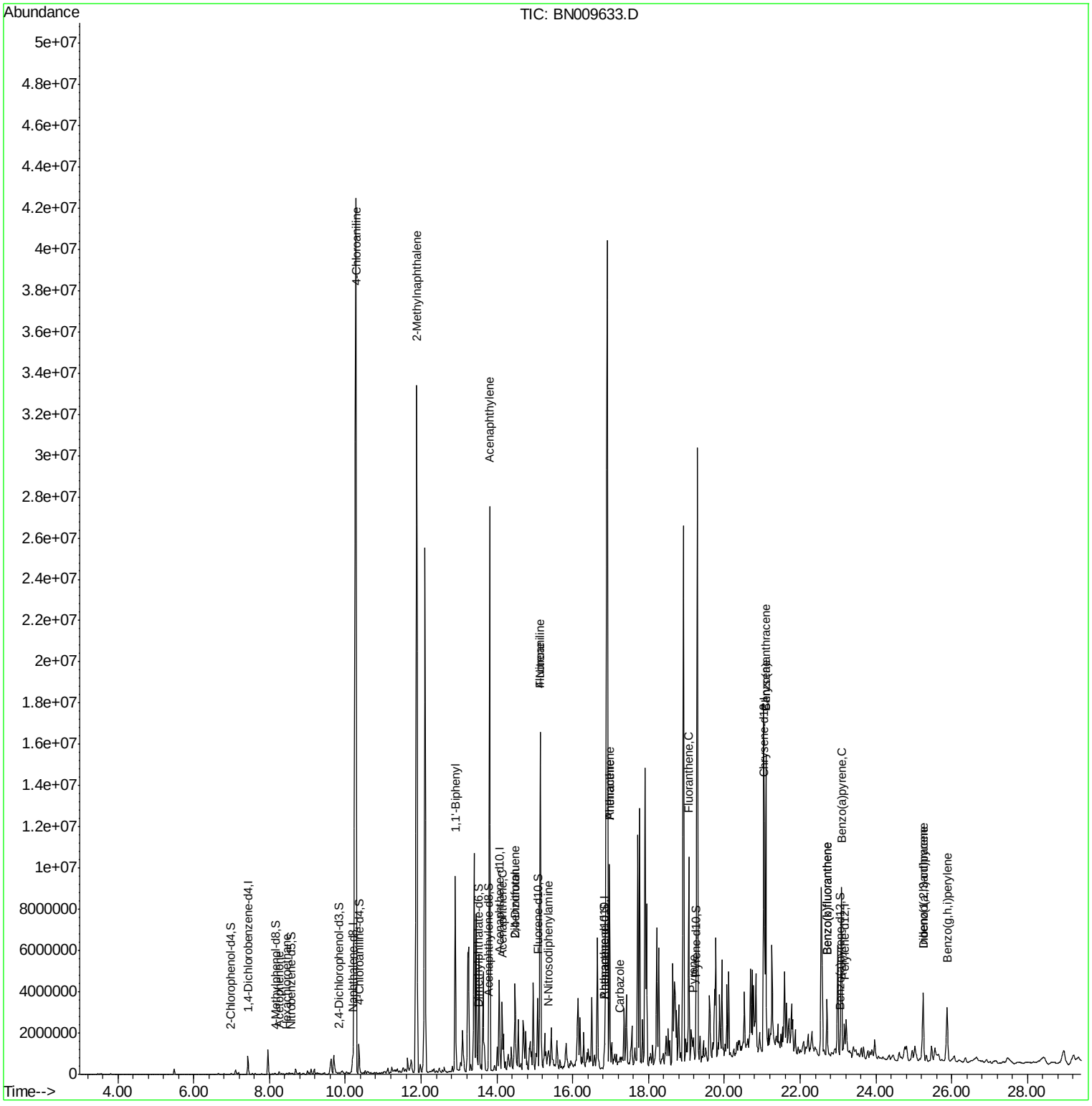
(#) = qualifier out of range (m) = manual integration (+) = signals summed

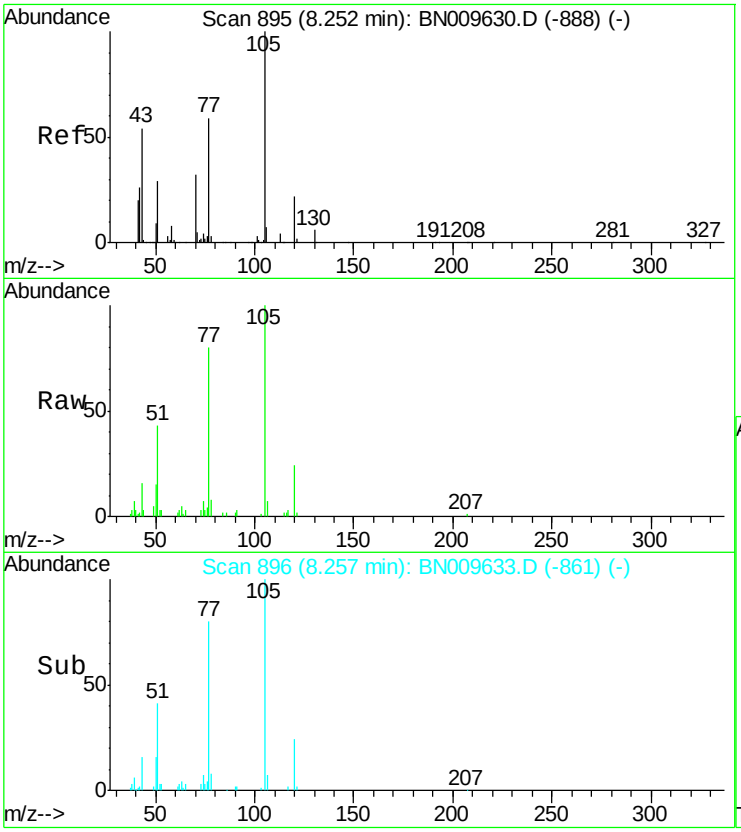
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009633.D
Acq On : 07 Feb 2020 05:59
Operator : CG/JU
Sample : L1324-05 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT62

Quant Time: Feb 07 11:15:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



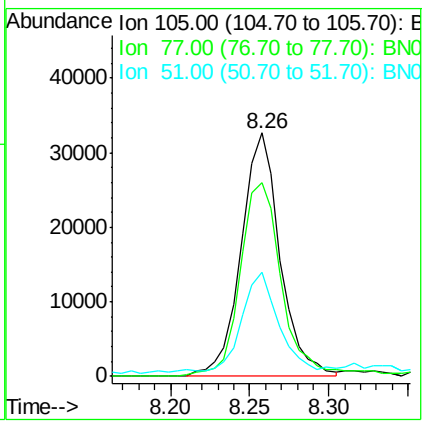


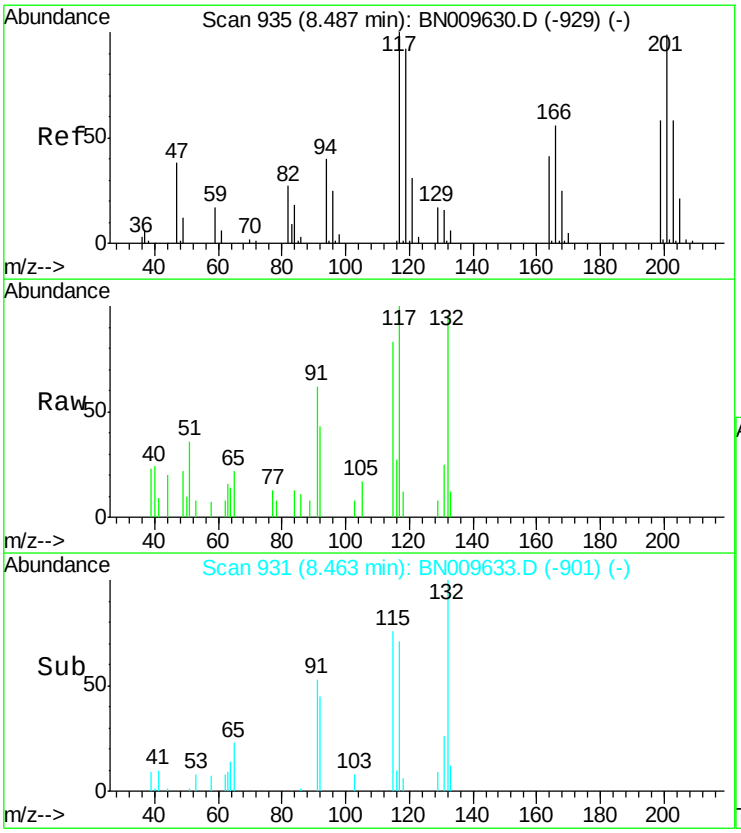
#14
Acetophenone
Concen: 2.45 ng/ul
RT: 8.26 min Scan# 896
Delta R.T. 0.01 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Instrument :
BNA_N
ClientSampleId :
GAT62

Tgt Ion:105 Resp: 55959

Ion	Ratio	Lower	Upper
105	100		
77	79.6	67.7	101.5
51	42.6	34.3	51.5

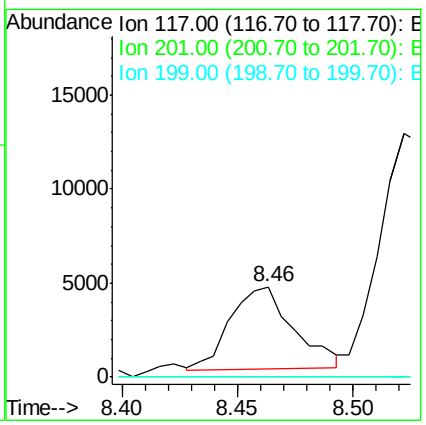


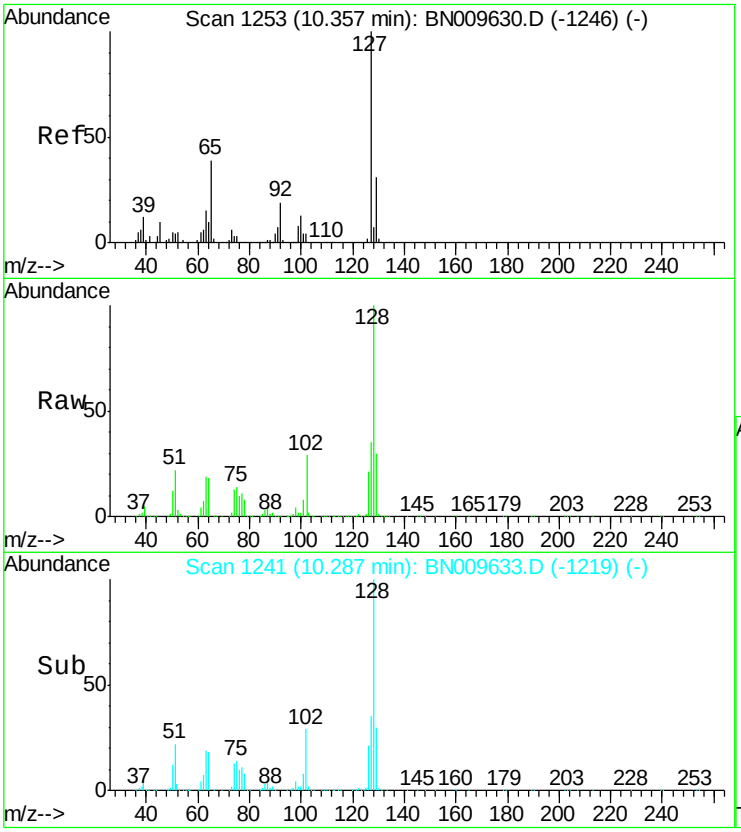


#17
Hexachloroethane
Concen: 1.34 ng/ul
RT: 8.46 min Scan# 931
Delta R.T. -0.02 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Tgt Ion:117 Resp: 8301

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



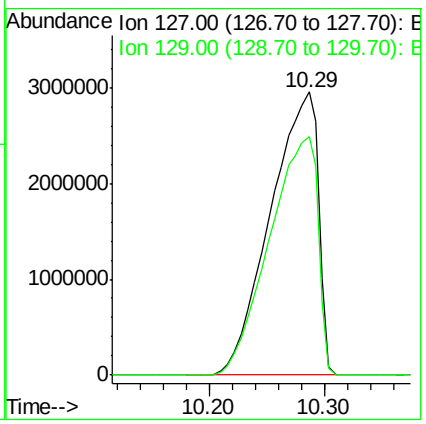


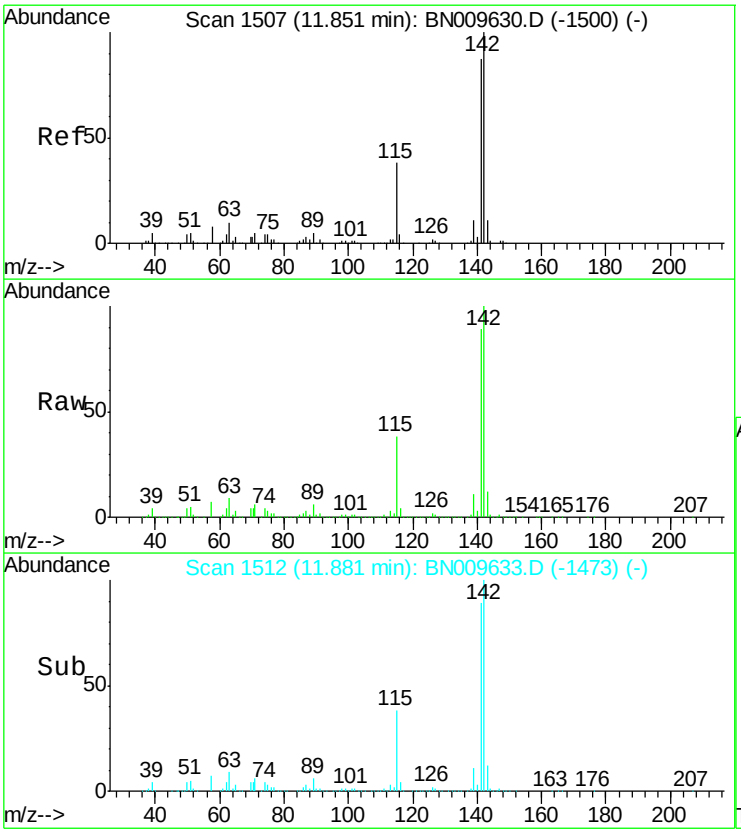
#30
4-Chloroaniline
Concen: 578.18 ng/ul
RT: 10.29 min Scan# 1241
Delta R.T. -0.07 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Instrument :
BNA_N
ClientSampleId :
GAT62

Tgt Ion:127 Resp: 8517655

Ion	Ratio	Lower	Upper
127	100		
129	84.1	25.2	37.8#

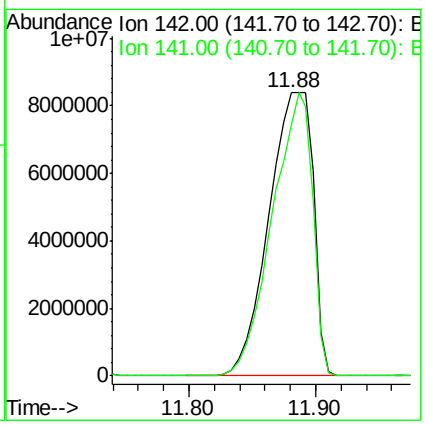


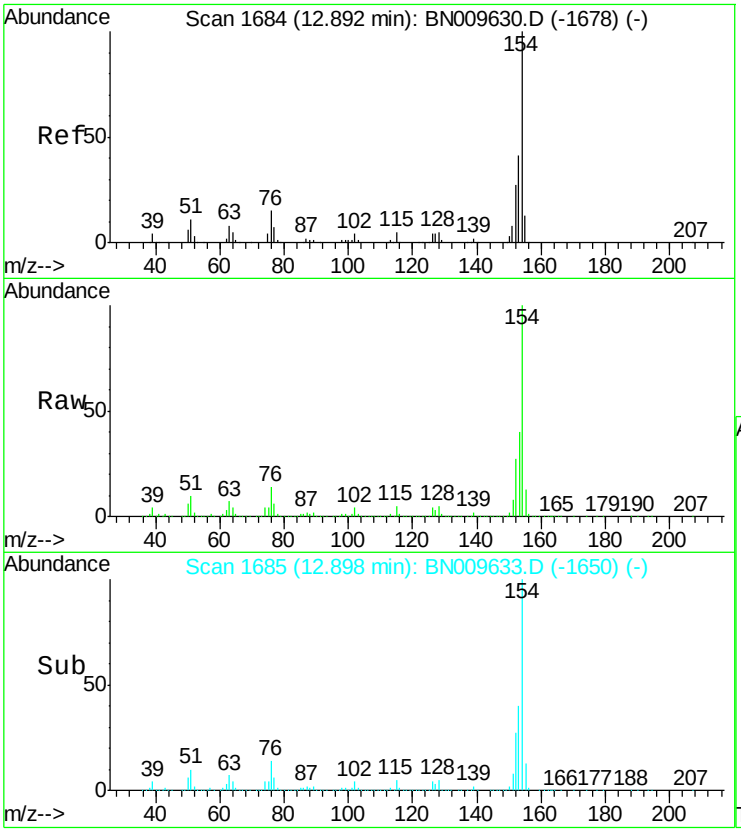


#34
2-Methylnaphthalene
Concen: 635.34 ng/ul
RT: 11.88 min Scan# 1512
Delta R.T. 0.03 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Tgt Ion:142 Resp:20576523

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.5	107.3



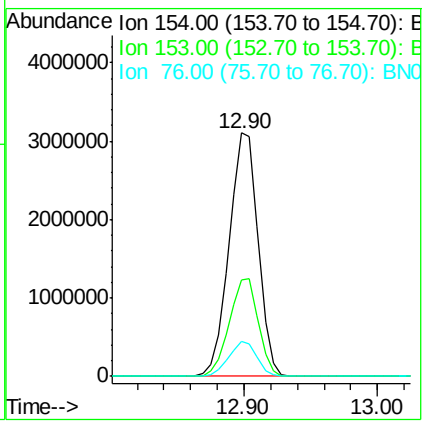


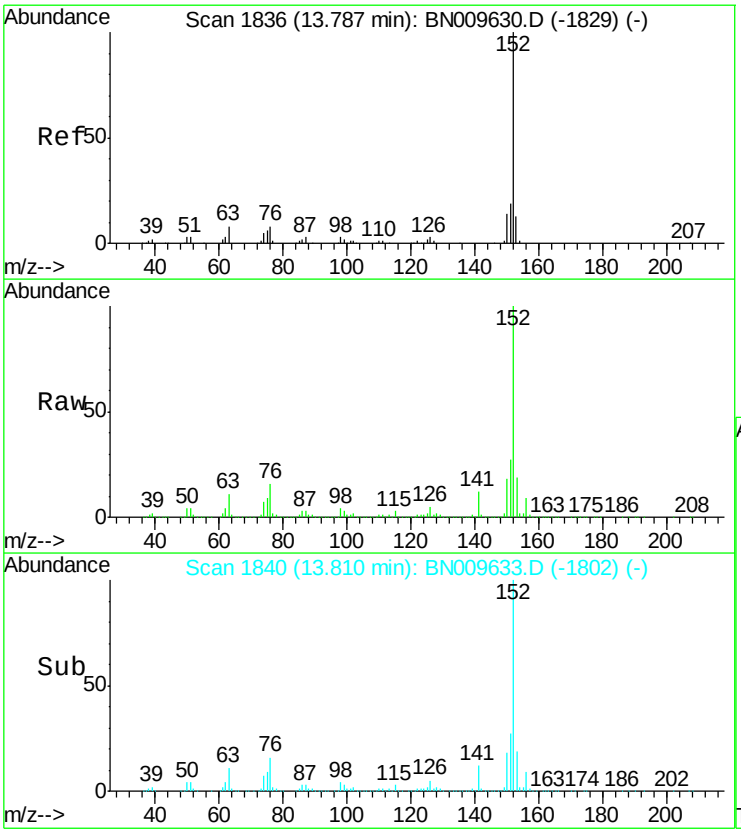
#40
1,1'-Biphenyl
Concen: 115.51 ng/ul
RT: 12.90 min Scan# 1685
Delta R.T. 0.01 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Instrument :
BNA_N
ClientSampleId :
GAT62

Tgt Ion:154 Resp: 4696352

Ion	Ratio	Lower	Upper
154	100		
153	39.7	31.2	46.8
76	14.1	11.4	17.2

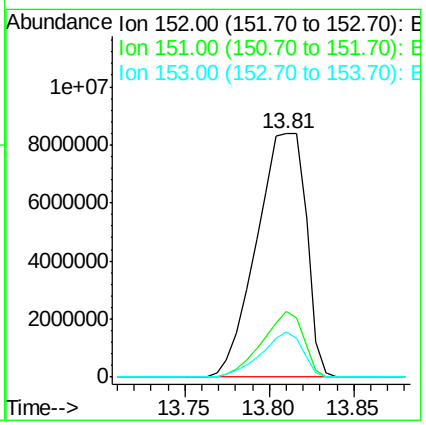


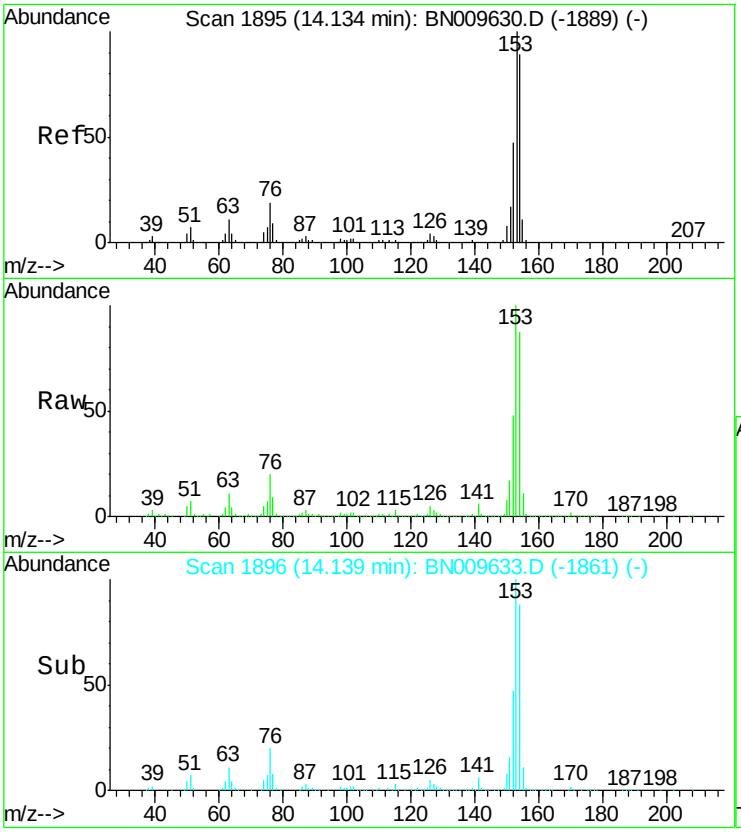


#47
Acenaphthylene
Concen: 338.33 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. 0.02 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Tgt Ion:152 Resp:17053682

Ion	Ratio	Lower	Upper
152	100		
151	27.1	16.2	24.2#
153	18.6	10.6	15.8#



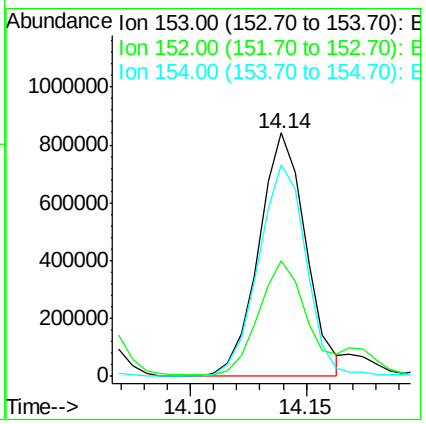


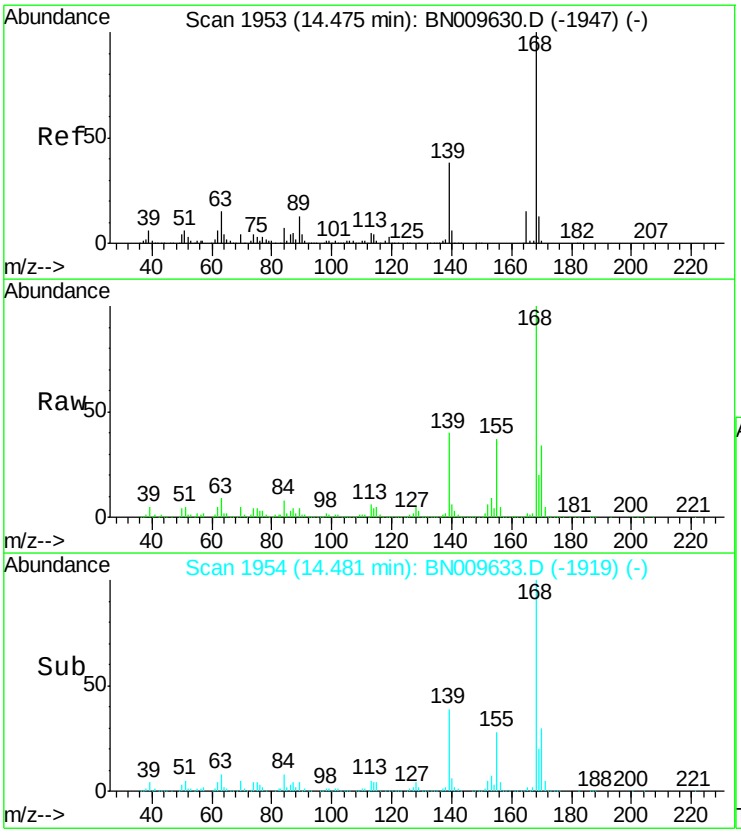
#49
Acenaphthene
Concen: 34.52 ng/ul
RT: 14.14 min Scan# 1896
Delta R.T. 0.01 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Instrument :
BNA_N
ClientSampleId :
GAT62

Tgt Ion:153 Resp: 1182858

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.3	55.9
154	87.0	70.2	105.2

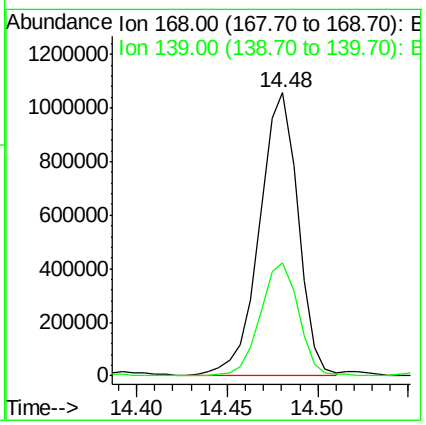


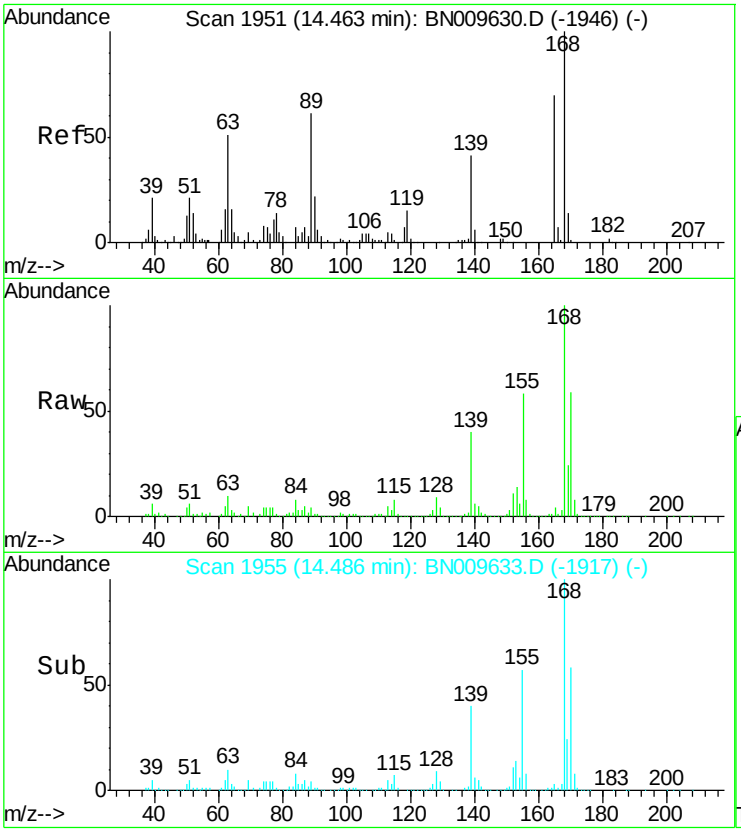


#53
Dibenzofuran
Concen: 32.91 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Tgt Ion:168 Resp: 1570450

Ion	Ratio	Lower	Upper
168	100		
139	40.0	29.5	44.3



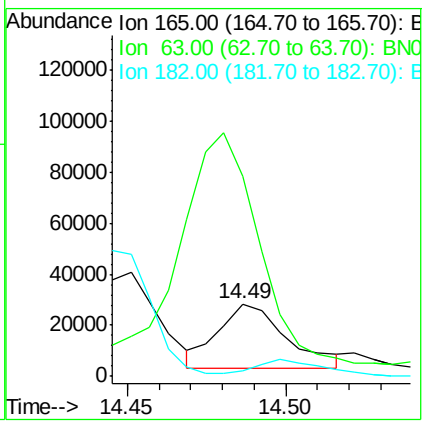


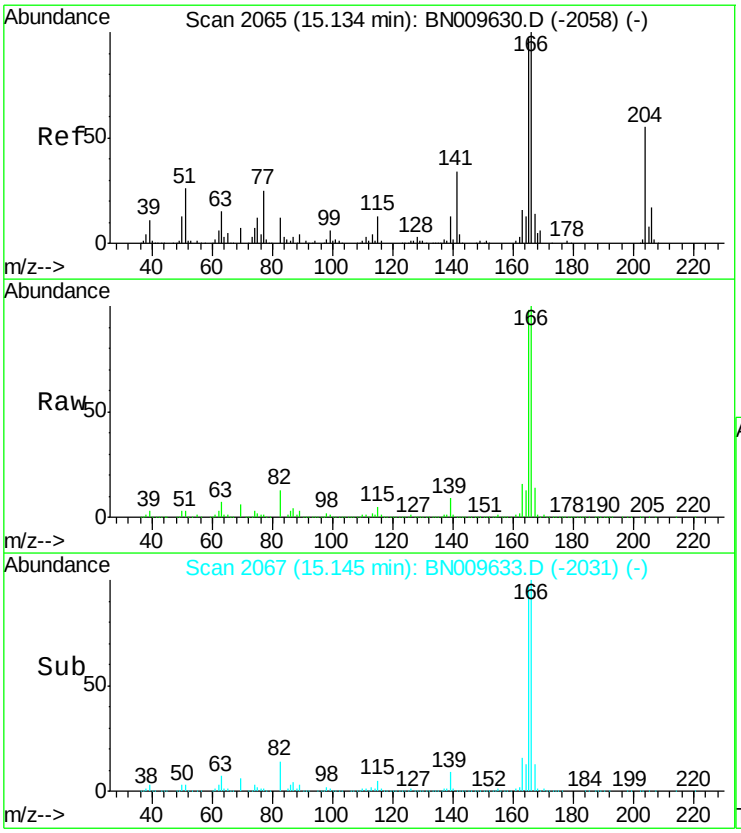
#54
2,4-Dinitrotoluene
Concen: 3.23 ng/ul
RT: 14.49 min Scan# 1955
Delta R.T. 0.02 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Instrument :
BNA_N
ClientSampleId :
GAT62

Tgt Ion:165 Resp: 37391

Ion	Ratio	Lower	Upper
165	100		
63	277.9	55.0	82.4#
182	8.6	2.4	3.6#

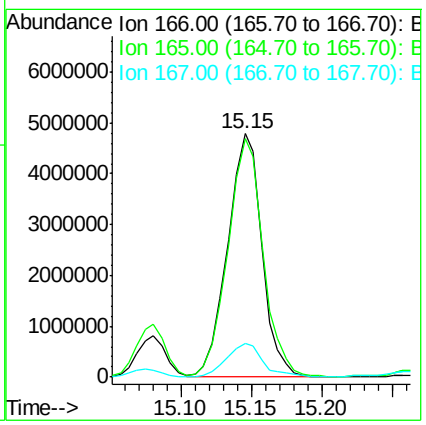


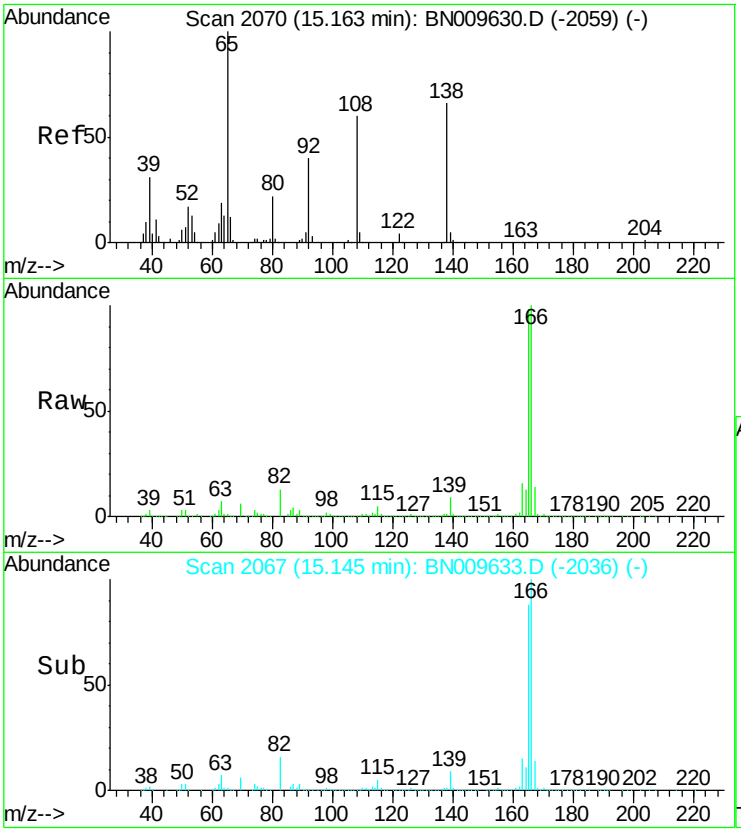


#58
Fluorene
Concen: 202.47 ng/ul
RT: 15.15 min Scan# 2067
Delta R.T. 0.01 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Tgt Ion:166 Resp: 8074280

Ion	Ratio	Lower	Upper
166	100		
165	97.9	76.7	115.1
167	13.9	11.1	16.7



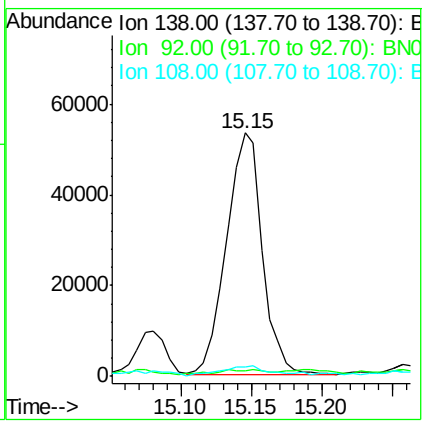


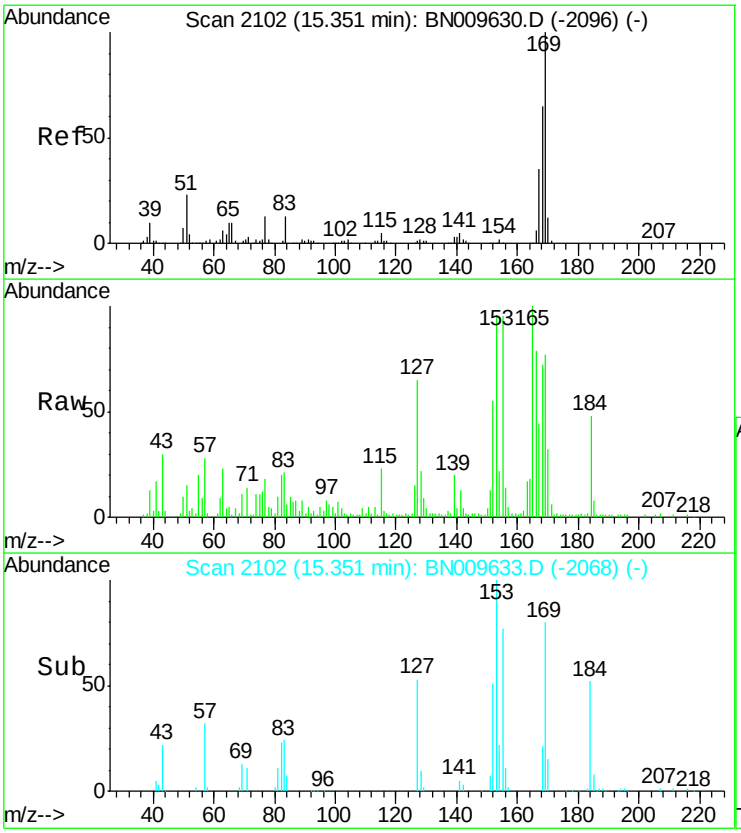
#60
4-Nitroaniline
Concen: 10.34 ng/ul
RT: 15.15 min Scan# 2067
Delta R.T. -0.02 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Instrument :
BNA_N
ClientSampleId :
GAT62

Tgt Ion:138 Resp: 94464

Ion	Ratio	Lower	Upper
138	100		
92	2.3	46.1	69.1#
108	4.1	75.1	112.7#

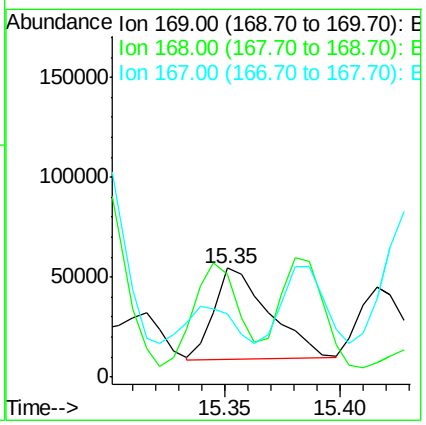


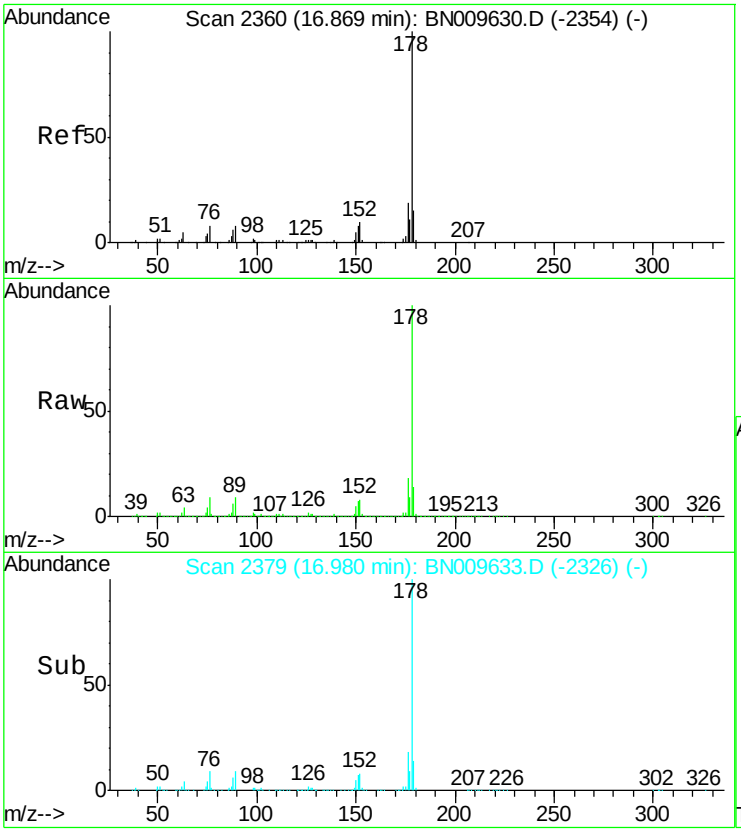


#64
N-Nitrosodiphenylamine
Concen: 2.56 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Tgt Ion:169 Resp: 75394

Ion	Ratio	Lower	Upper
169	100		
168	94.1	53.8	80.8#
167	57.9	27.5	41.3#



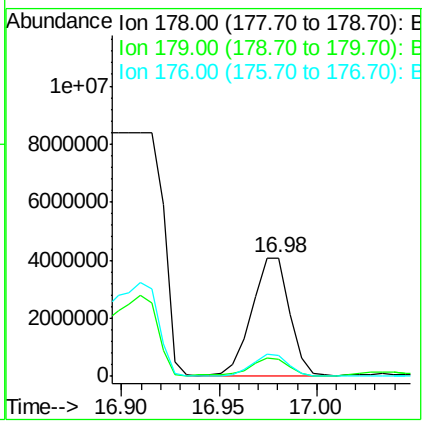


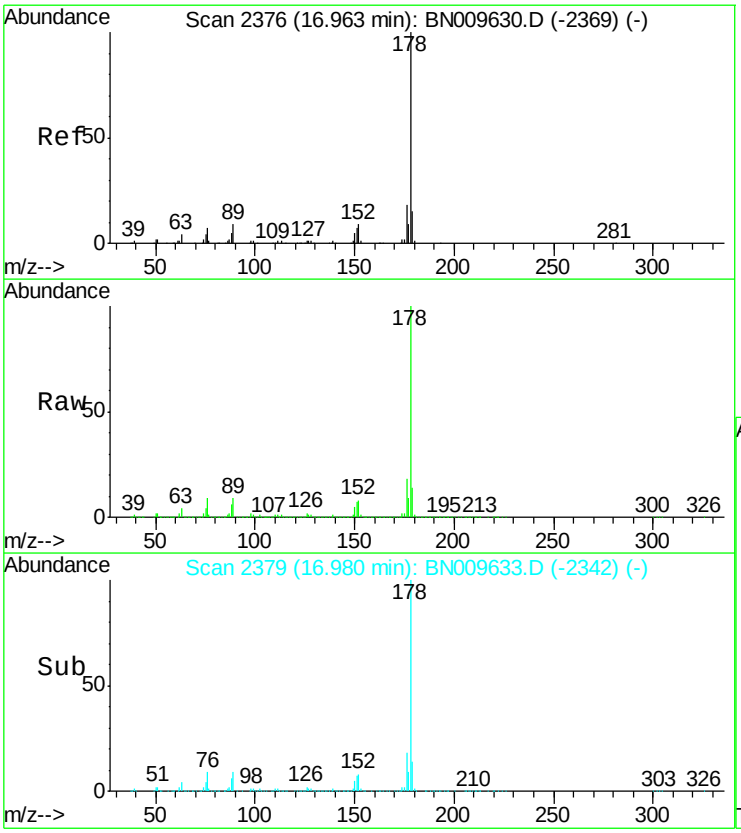
#69
Phenanthrene
Concen: 95.90 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. 0.11 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Instrument :
BNA_N
ClientSampleId :
GAT62

Tgt Ion:178 Resp: 5391278

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.2
176	17.7	14.8	22.2

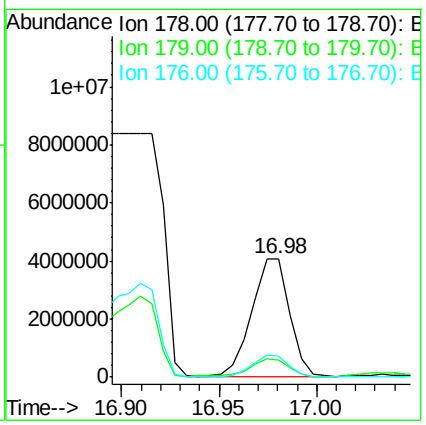


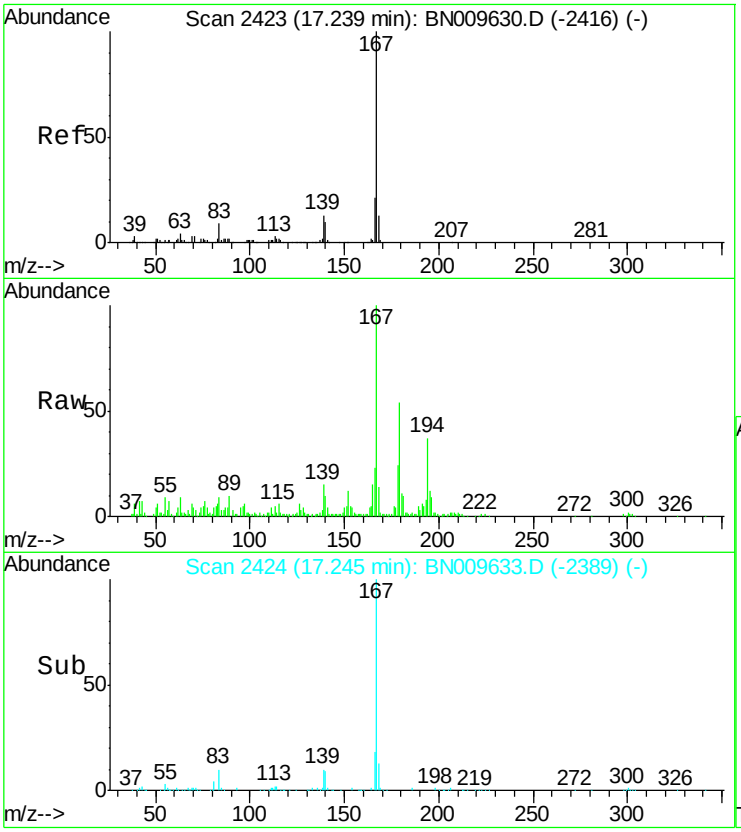


#71
Anthracene
Concen: 94.42 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. 0.02 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Tgt Ion:178 Resp: 5385462

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.1	18.1
176	17.7	14.6	21.8



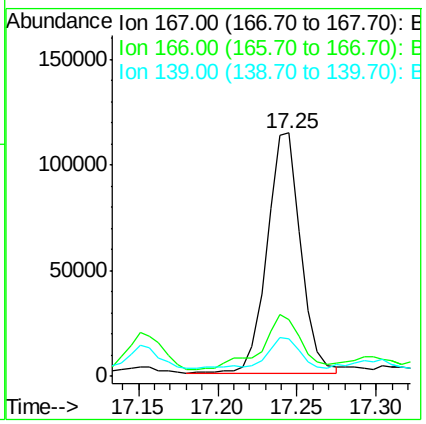


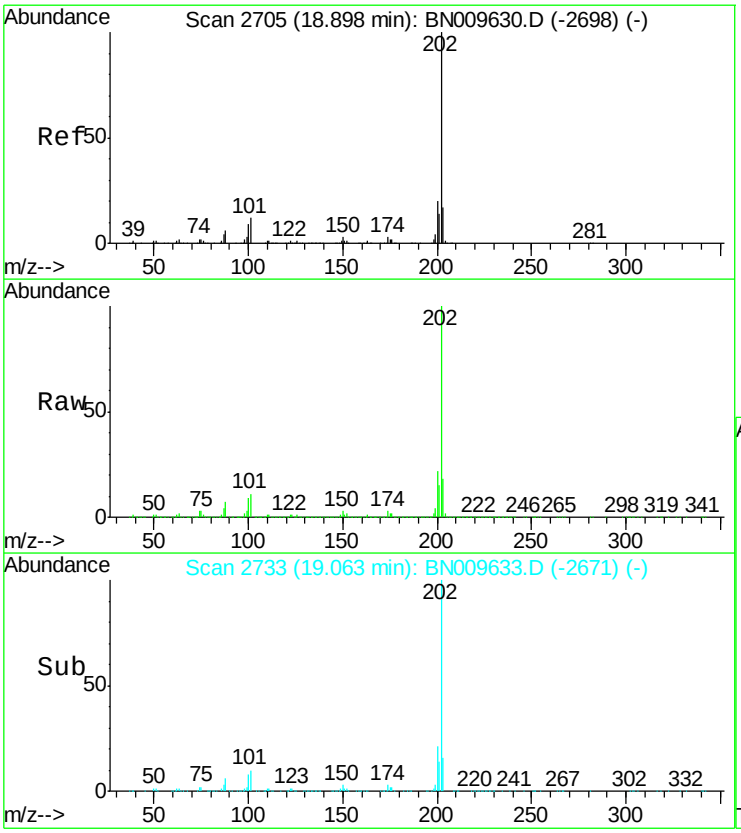
#74
Carbazole
Concen: 3.35 ng/ul
RT: 17.25 min Scan# 2424
Delta R.T. 0.01 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Instrument :
BNA_N
ClientSampleId :
GAT62

Tgt Ion:167 Resp: 166593

Ion	Ratio	Lower	Upper
167	100		
166	23.4	16.2	24.4
139	15.4	10.4	15.6

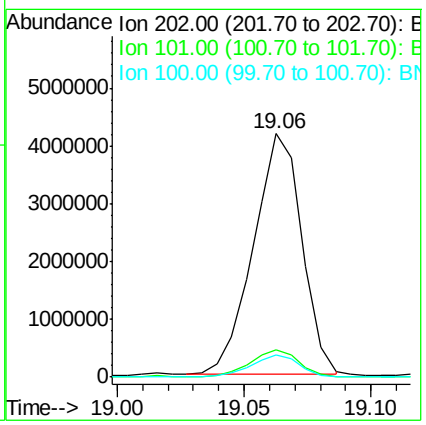


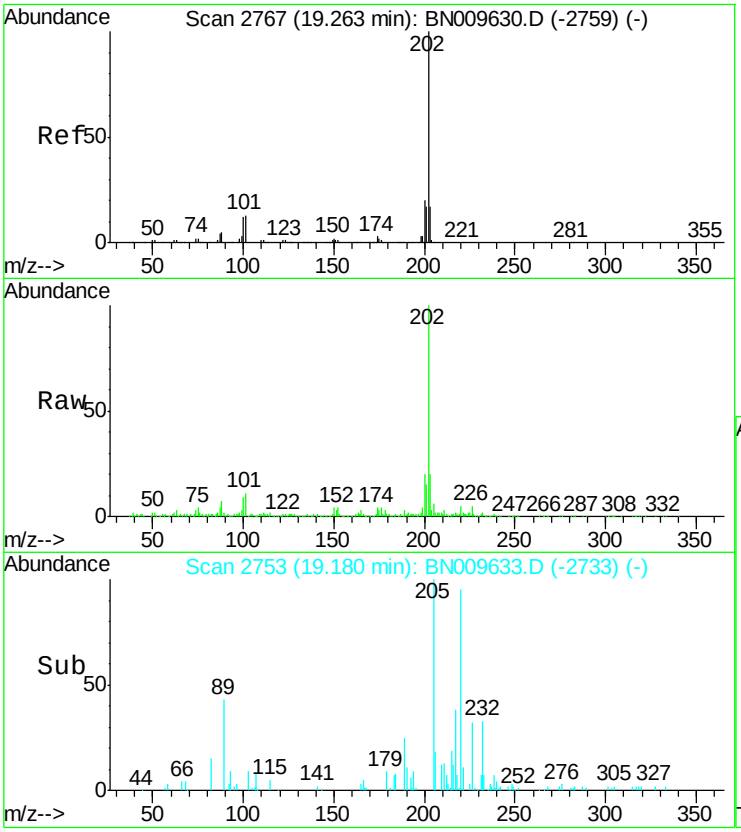


#76
Fluoranthene
Concen: 86.41 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.16 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Tgt Ion:202 Resp: 5543988

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
100	8.9	6.9	10.3



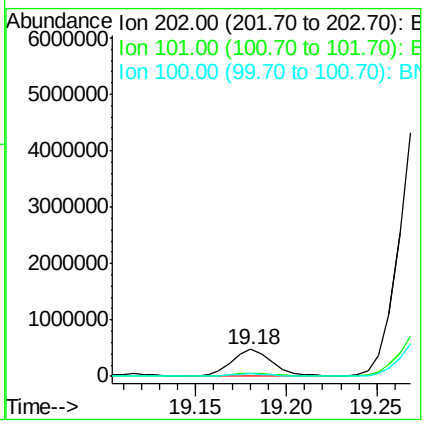


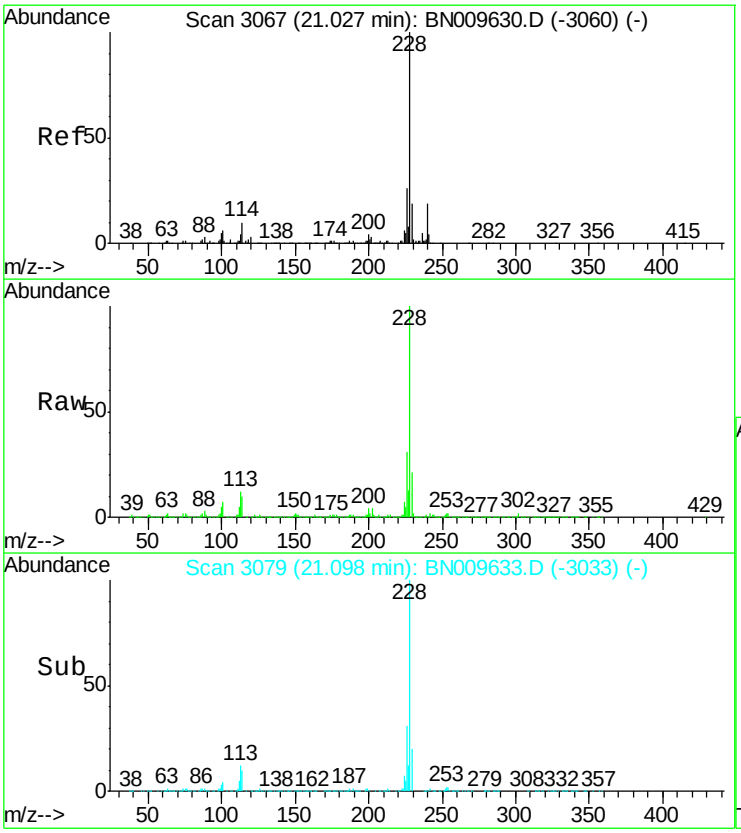
#79
Pyrene
Concen: 11.25 ng/ul
RT: 19.18 min Scan# 2753
Delta R.T. -0.08 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Instrument :
BNA_N
ClientSampleId :
GAT62

Tgt Ion:202 Resp: 700148

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.3	15.5
100	8.9	8.4	12.6





#82
Benzo(a)anthracene
Concen: 121.75 ng/ul
RT: 21.10 min Scan# 3079
Delta R.T. 0.07 min
Lab File: BN009633.D
Acq: 07 Feb 2020 05:59

Tgt Ion:228 Resp: 7169211

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.0	22.4
226	30.8	20.9	31.3