Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60

Quant Time: Feb 07 11:15:33 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	157685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	646392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	409866	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	780769	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	686843	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	772069	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	10165	2.64	ng/uL	0.00
5) Phenol-d5	6.63	99	215093	15.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	157674	17.07	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	169941	16.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	175426	16.02	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	86995	18.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	97580	18.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	170632	16.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.33	131	140377	12.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	537862	17.98	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	638152	17.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	64525	11.42	ng/ul	0.00
57) Fluorene-d10	15.07	176	472317	17.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	49782	10.21	ng/ul	0.02
70) Anthracene-d10	16.93	188	692000	19.51	ng/ul	0.00
78) Pyrene-d10	19.24	212	754531	20.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	752018	19.78	ng/ul	0.01
Target Compounds						Qvalue
4) Benzaldehyde	6.60	77	16712	1.77	ng/ul#	1
6) Phenol	6.66	94	44938	3.06	ng/ul	97
14) Acetophenone	8.26	105	52509	3.00	ng/ul	97
17) Hexachloroethane	8.46	117	20540	4.31	ng/ul#	8
30) 4-Chloroaniline	10.26	127	4030714	361.22	ng/ul#	10
34) 2-Methylnaphthalene	11.87	142	8548810	348.49	ng/ul	93
40) 1,1'-Biphenyl	12.89	154	1825387	57.20	ng/ul	99
44) Dimethylphthalate	13.55	163	136567	4.30	ng/ul	99
47) Acenaphthylene	13.79	152	5710740	144.34	ng/ul	99
49) Acenaphthene	14.13	153	556416	20.69	ng/ul	99
53) Dibenzofuran	14.47	168	684896	18.29	ng/ul	95
54) 2,4-Dinitrotoluene	14.45	165	27888	3.07	ng/ul#	41
58) Fluorene	15.13	166	3347974	106.96	ng/ul	99
64) N-Nitrosodiphenylamine	15.35	169	37473	1.61	ng/ul#	36
69) Phenanthrene	16.97	178	5511726	123.79	ng/ul	99
71) Anthracene	16.97	178	5526437	122.32	ng/ul	99
74) Carbazole	17.24	167	201992	5.13	ng/ul	93
76) Fluoranthene	18.91	202	10346335	203.59	ng/ul	96
79) Pyrene	19.17	202	420032	8.38	ng/ul	94
82) Benzo(a)anthracene	21.09	228	4474291	94.35	ng/ul	93
84) Chrysene	21.09	228	4475188	94.79	ng/ul	98
87) Benzo(b)fluoranthene	22.55	252	3375588	69.88	ng/ul	99
88) Benzo(k)fluoranthene	22.55	252	3375588	70.96	ng/ul	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60

Quant Time: Feb 07 11:15:33 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)
90) Benzo(a)pyrene	23.08	252	4084230	91.26	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.23	276	1633662	30.70	ng/ul	96
92) Dibenzo(a,h)anthracene	25.23	278	444855	9.93	ng/ul#	84
93) Benzo(g,h,i)perylene	25.86	276	1609748	36.10	ng/ul	96

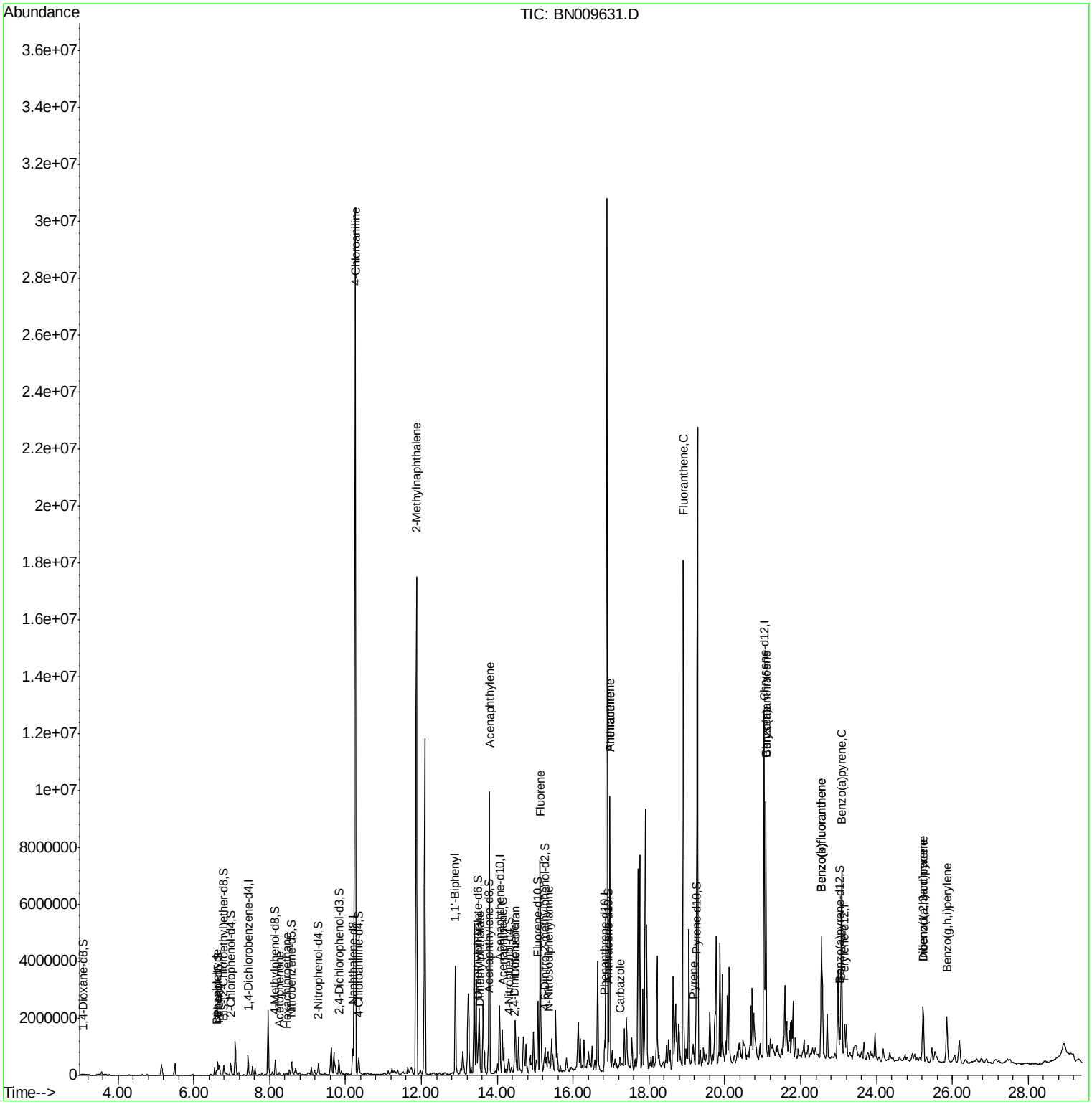
(#) = qualifier out of range (m) = manual integration (+) = signals summed

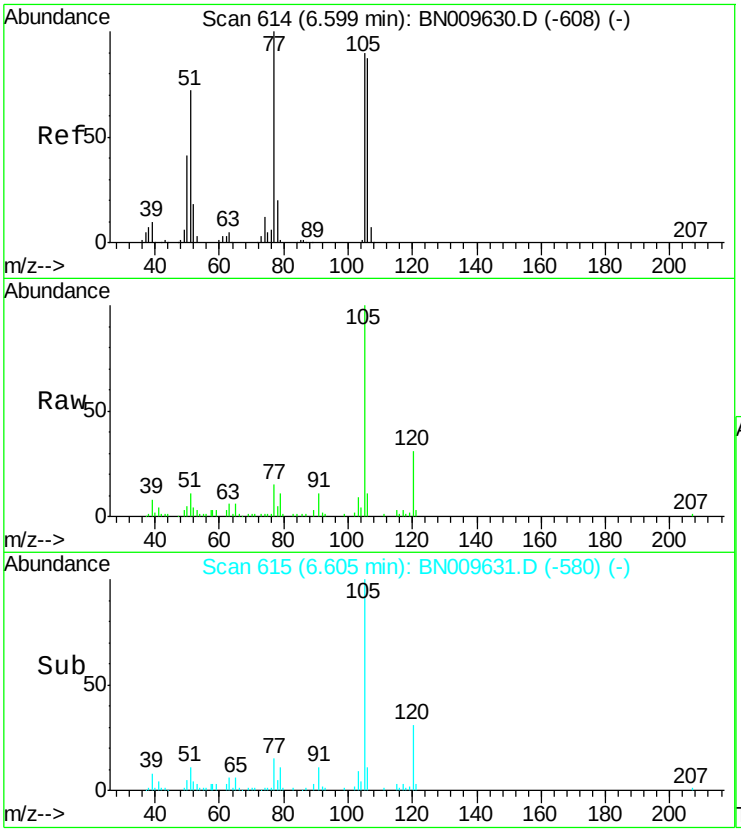
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009631.D
Acq On : 07 Feb 2020 04:47
Operator : CG/JU
Sample : L1324-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60

Quant Time: Feb 07 11:15:33 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



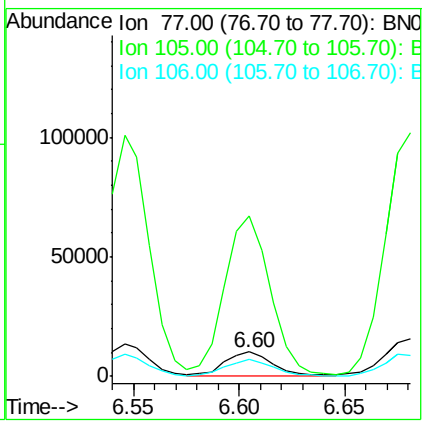


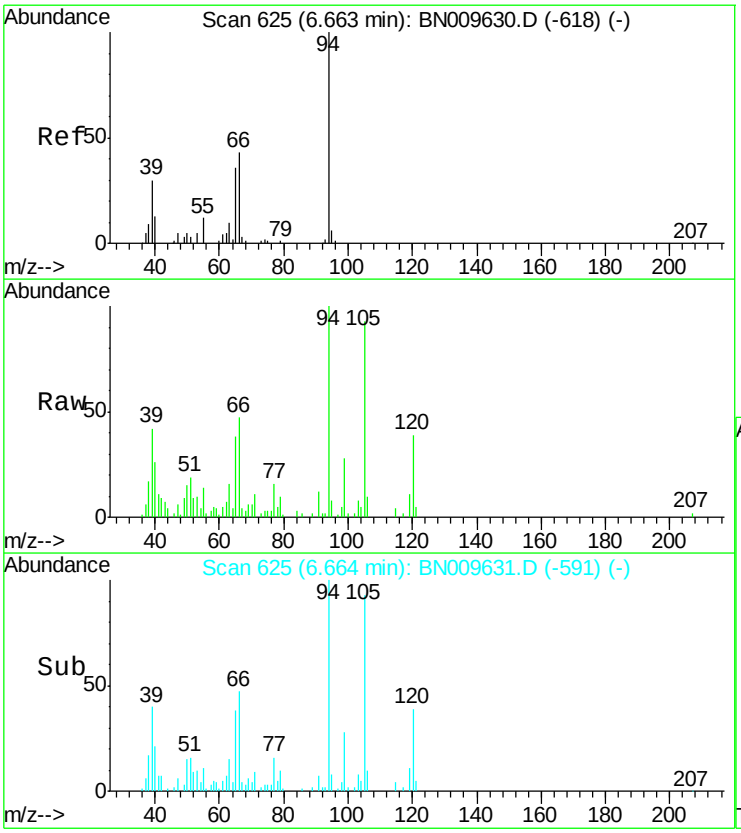
#4
Benzaldehyde
Concen: 1.77 ng/ul
RT: 6.60 min Scan# 615
Delta R.T. 0.01 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion: 77 Resp: 16712

Ion	Ratio	Lower	Upper
77	100		
105	650.1	74.5	111.7#
106	70.2	70.8	106.2#

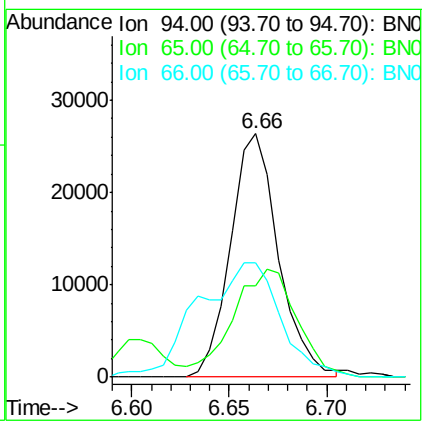


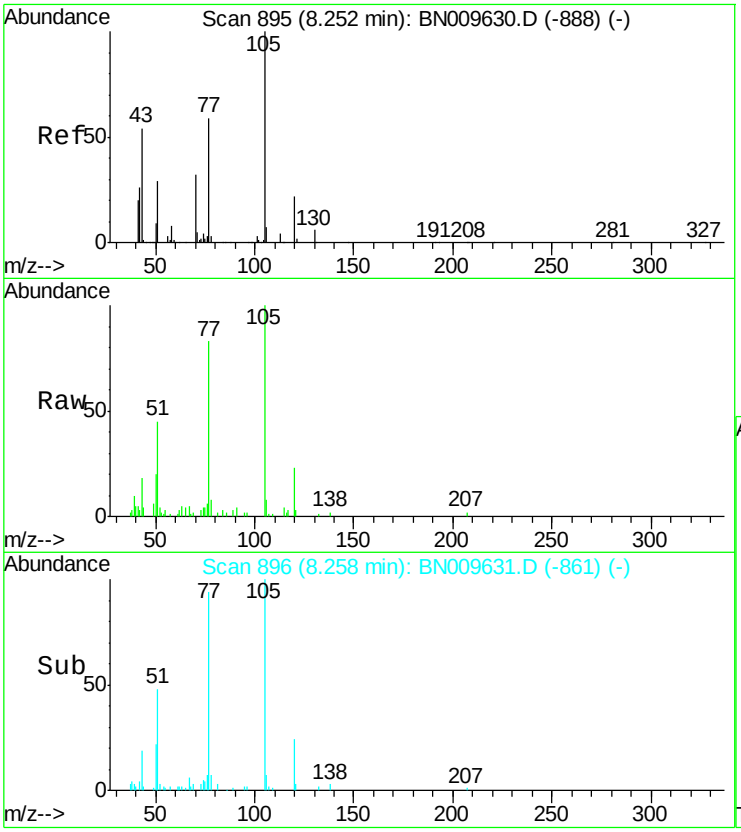


#6
Phenol
Concen: 3.06 ng/ul
RT: 6.66 min Scan# 625
Delta R.T. 0.00 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion: 94 Resp: 44938

Ion	Ratio	Lower	Upper
94	100		
65	37.8	29.8	44.6
66	46.8	39.5	59.3



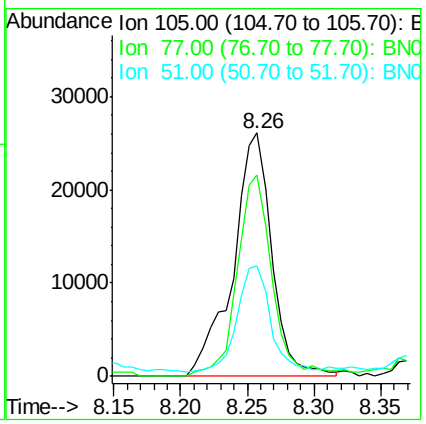


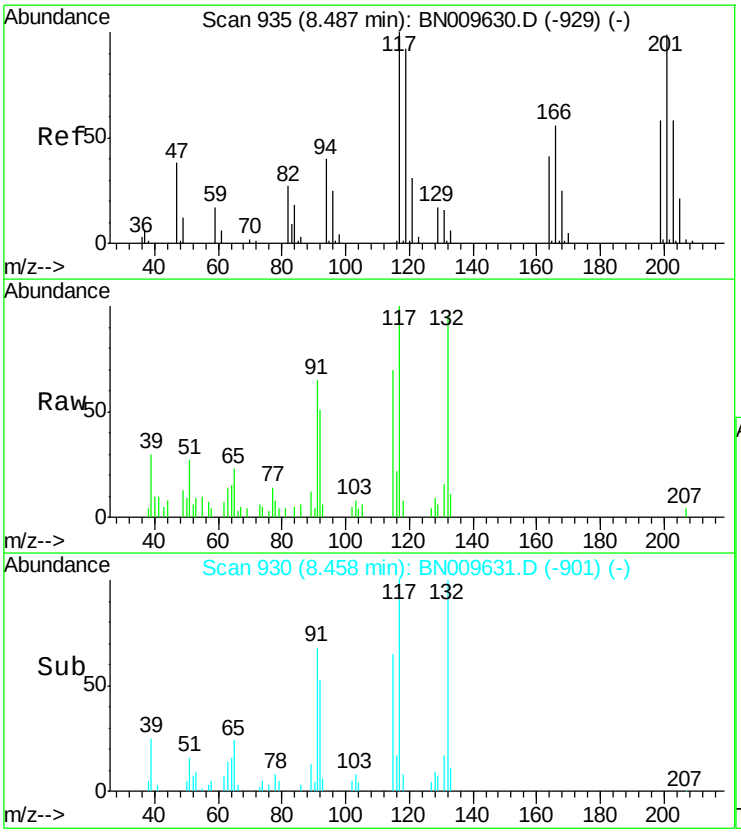
#14
Acetophenone
Concen: 3.00 ng/ul
RT: 8.26 min Scan# 896
Delta R.T. 0.01 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:105 Resp: 52509

Ion	Ratio	Lower	Upper
105	100		
77	82.8	67.7	101.5
51	45.2	34.3	51.5

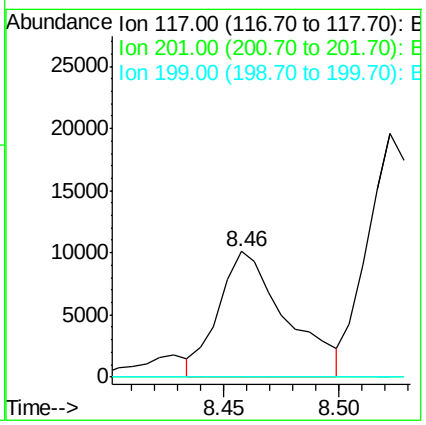


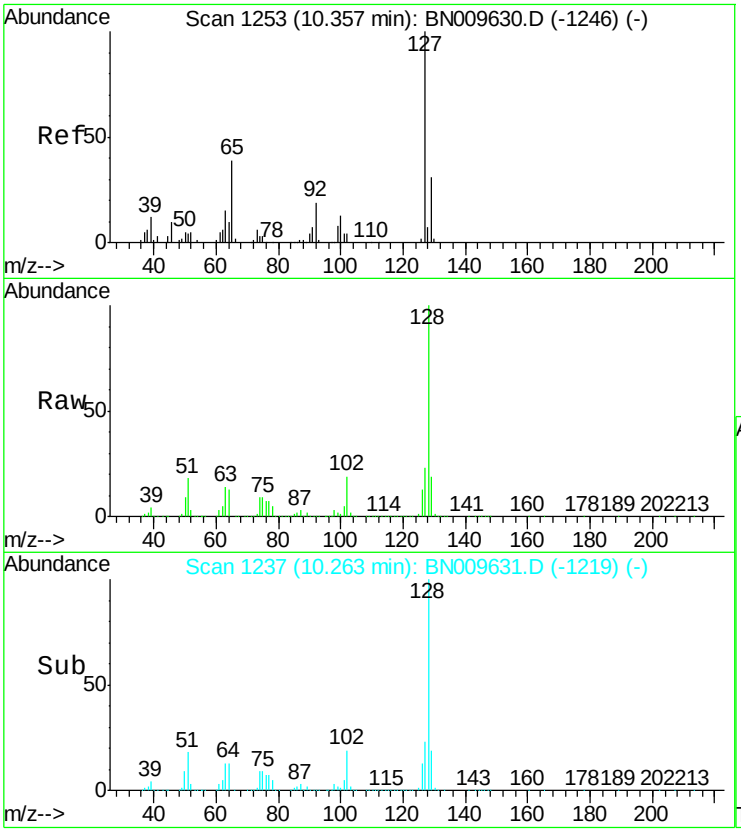


#17
Hexachloroethane
Concen: 4.31 ng/ul
RT: 8.46 min Scan# 930
Delta R.T. -0.03 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:117 Resp: 20540

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



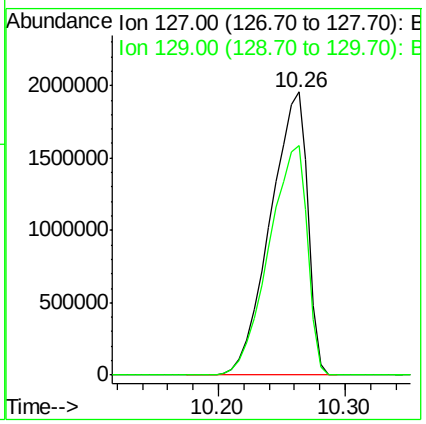


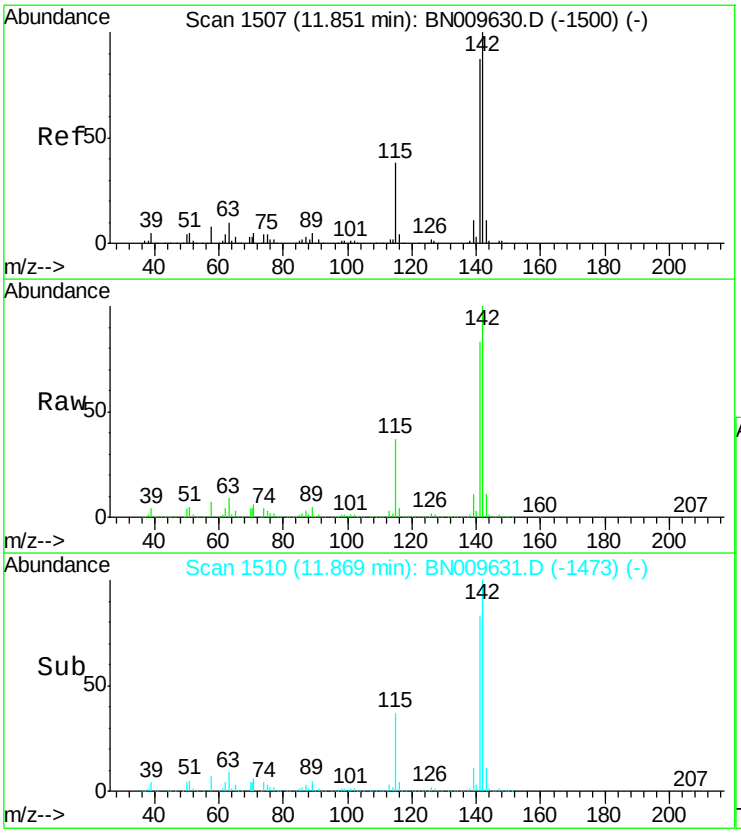
#30
4-Chloroaniline
Concen: 361.22 ng/ul
RT: 10.26 min Scan# 1237
Delta R.T. -0.09 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:127 Resp: 4030714

Ion	Ratio	Lower	Upper
127	100		
129	81.3	25.2	37.8#

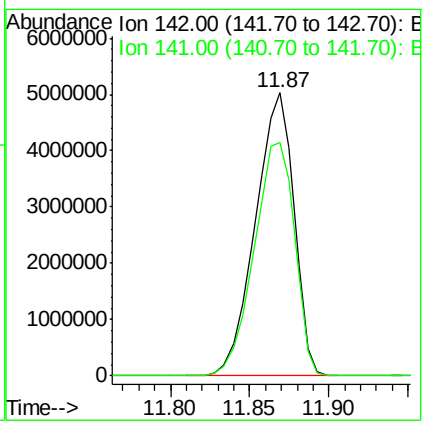


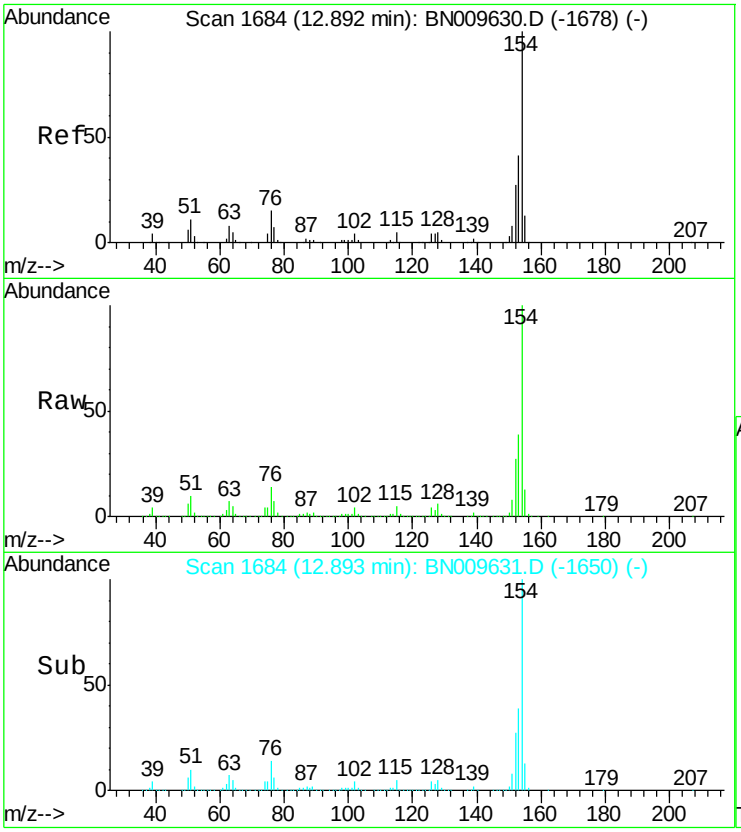


#34
2-Methylnaphthalene
Concen: 348.49 ng/ul
RT: 11.87 min Scan# 1510
Delta R.T. 0.02 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:142 Resp: 8548810

Ion	Ratio	Lower	Upper
142	100		
141	82.7	71.5	107.3



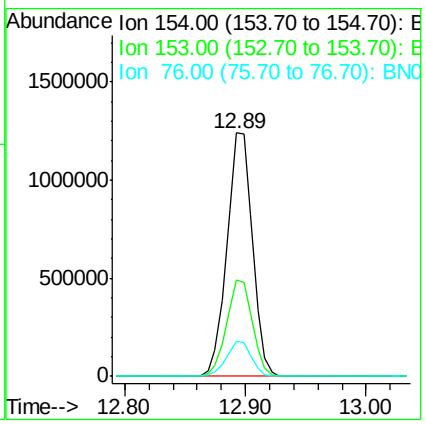


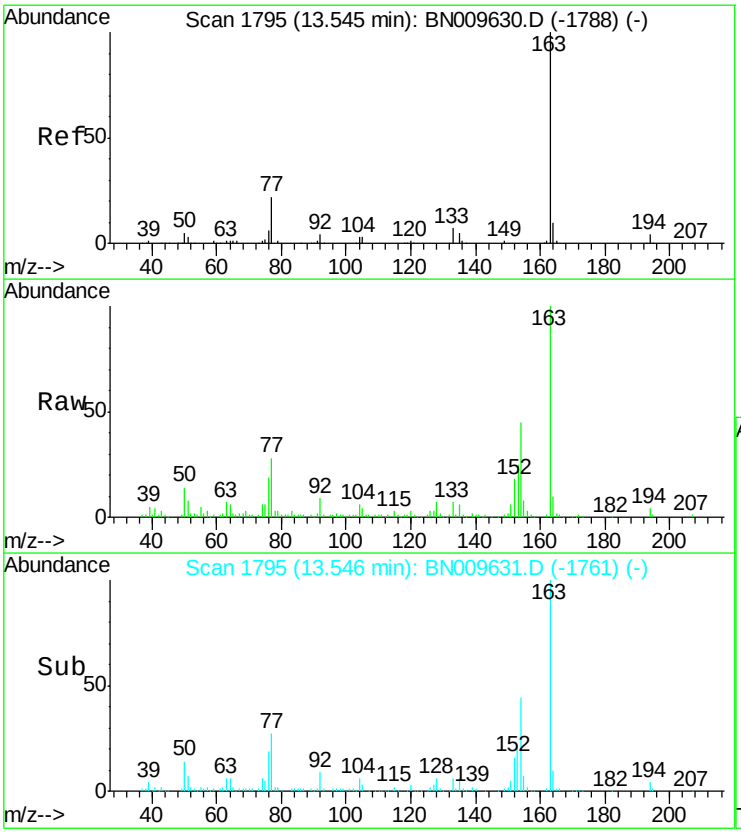
#40
1,1'-Biphenyl
Concen: 57.20 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. 0.00 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:154 Resp: 1825387

Ion	Ratio	Lower	Upper
154	100		
153	39.4	31.2	46.8
76	14.5	11.4	17.2

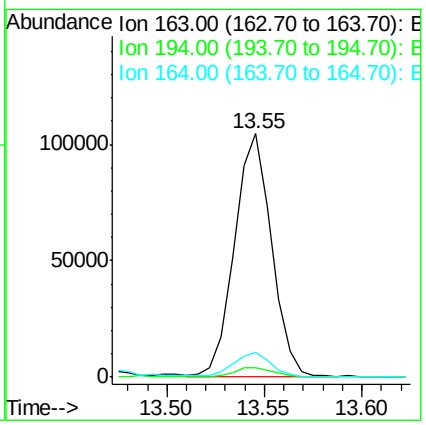


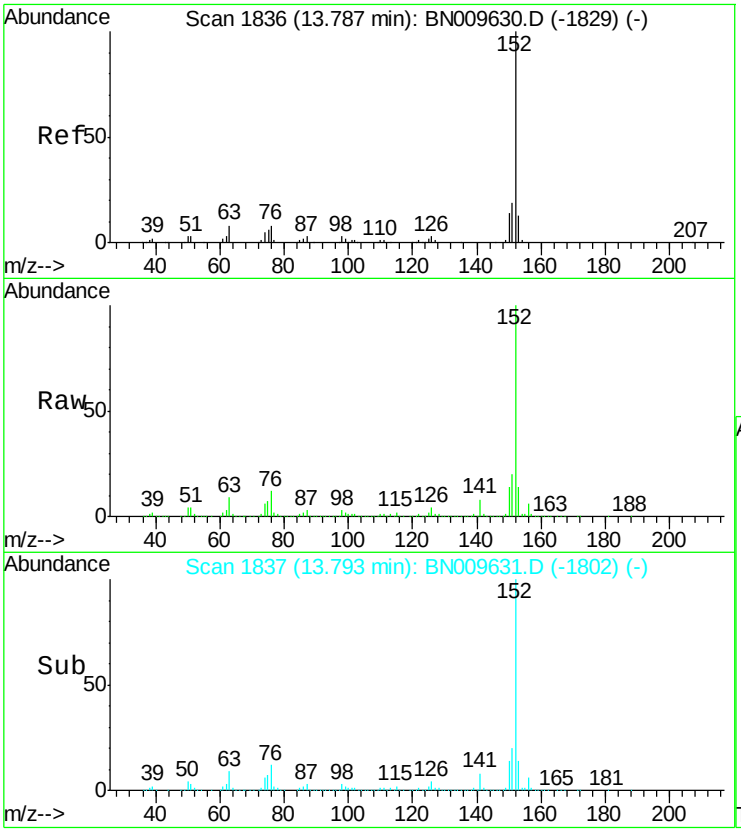


#44
Dimethylphthalate
Concen: 4.30 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. 0.00 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:163 Resp: 136567

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.9	8.0	12.0



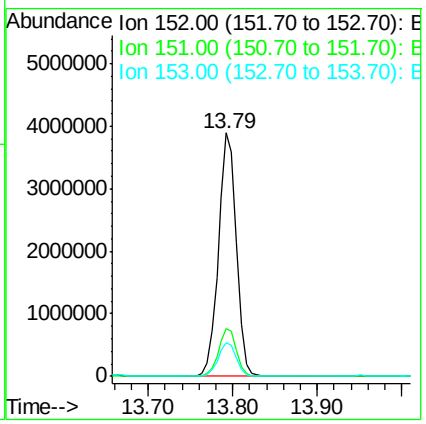


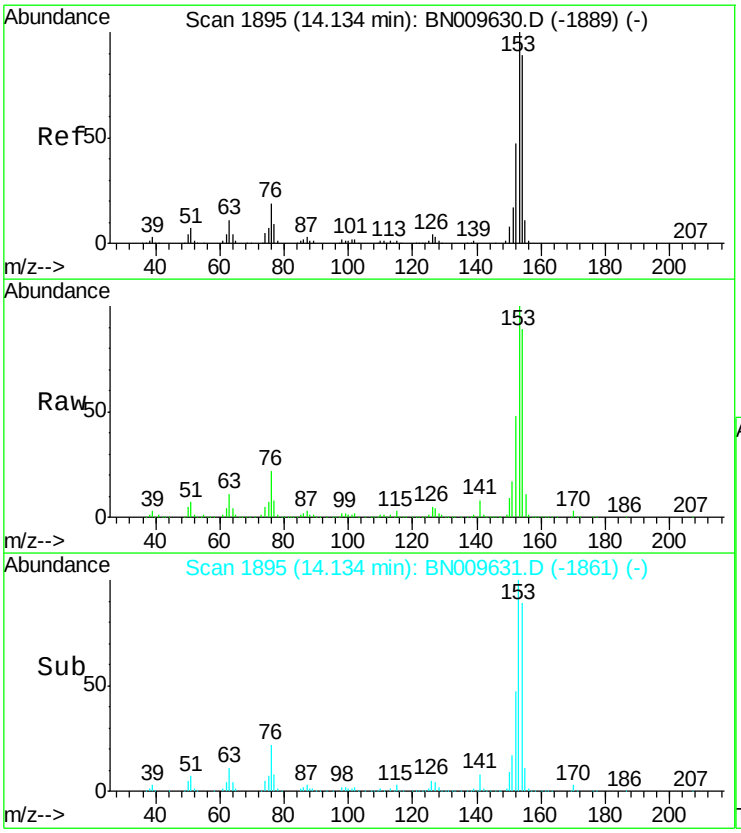
#47
Acenaphthylene
Concen: 144.34 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:152 Resp: 5710740

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	13.9	10.6	15.8

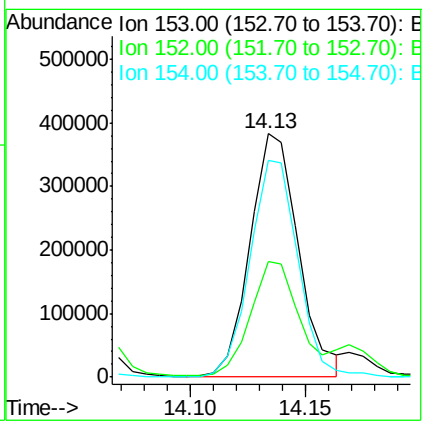


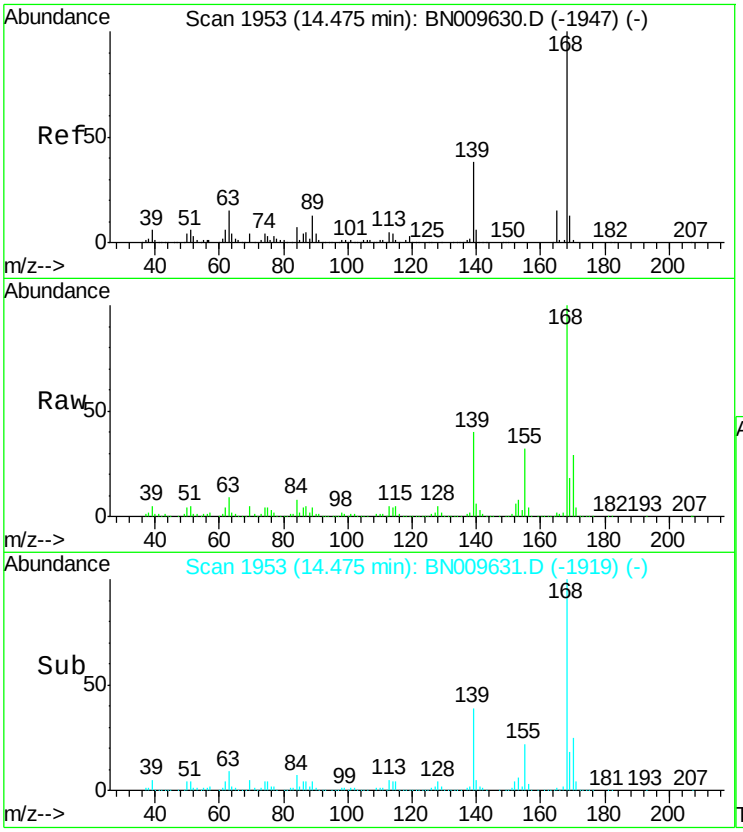


#49
Acenaphthene
Concen: 20.69 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:153 Resp: 556416

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.3	55.9
154	88.8	70.2	105.2



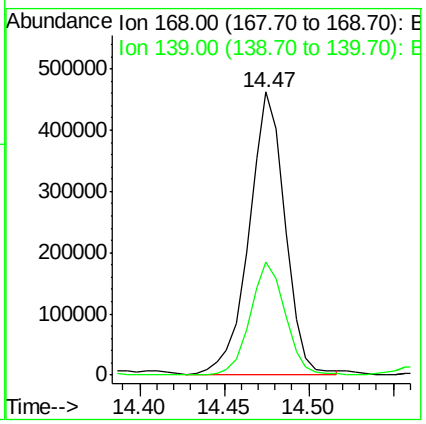


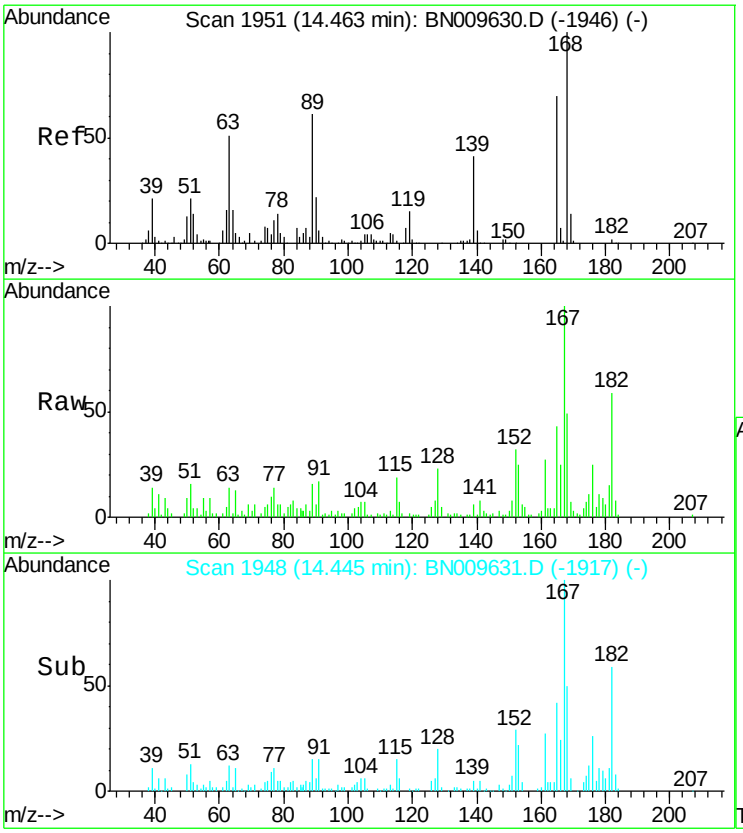
#53
Dibenzofuran
Concen: 18.29 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:168 Resp: 684896

Ion	Ratio	Lower	Upper
168	100		
139	40.0	29.5	44.3

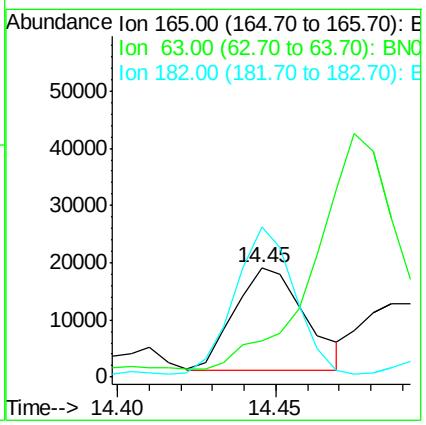


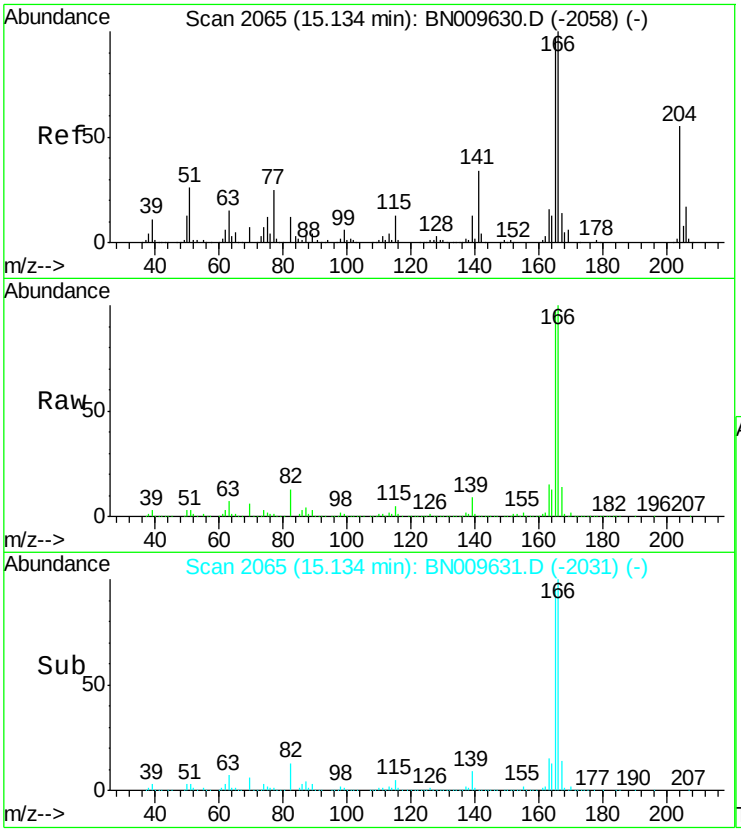


#54
2,4-Dinitrotoluene
Concen: 3.07 ng/ul
RT: 14.45 min Scan# 1948
Delta R.T. -0.02 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:165 Resp: 27888

Ion	Ratio	Lower	Upper
165	100		
63	33.1	55.0	82.4#
182	136.6	2.4	3.6#



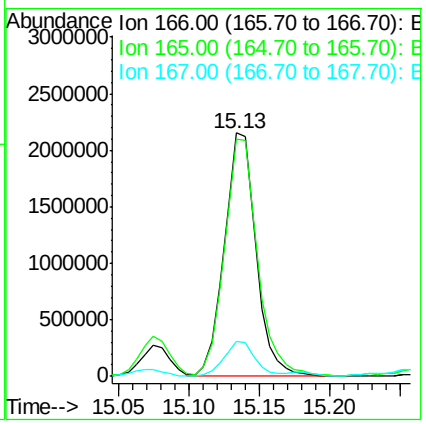


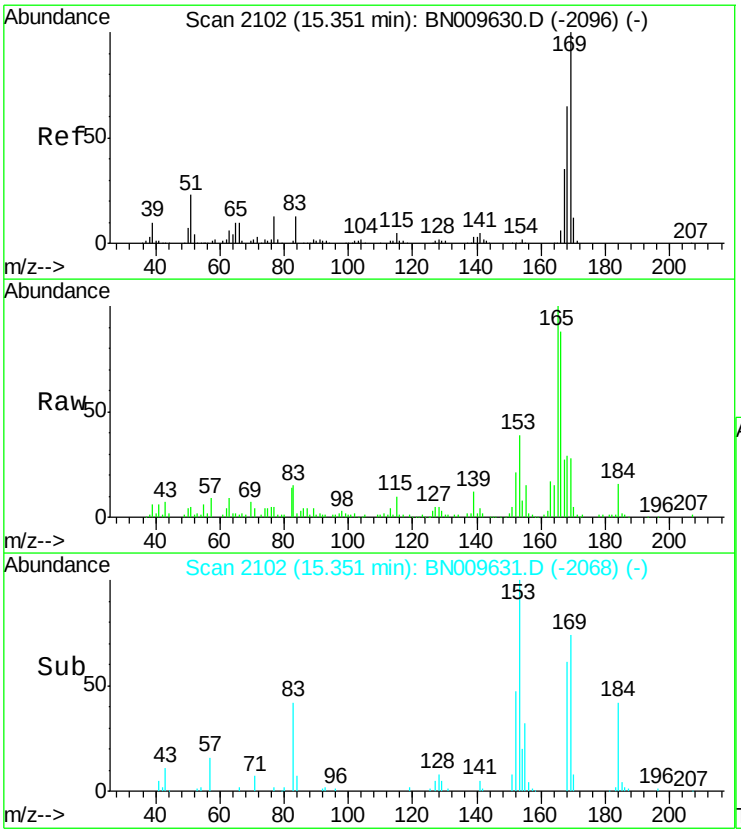
#58
Fluorene
Concen: 106.96 ng/ul
RT: 15.13 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:166 Resp: 3347974

Ion	Ratio	Lower	Upper
166	100		
165	97.3	76.7	115.1
167	14.4	11.1	16.7

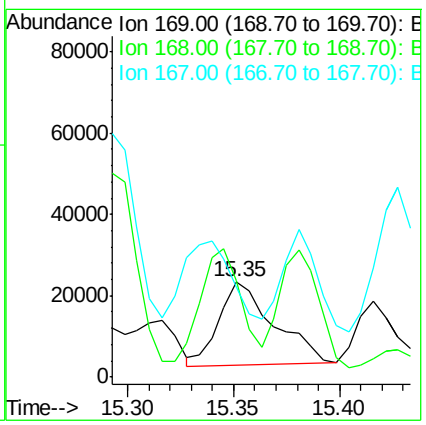


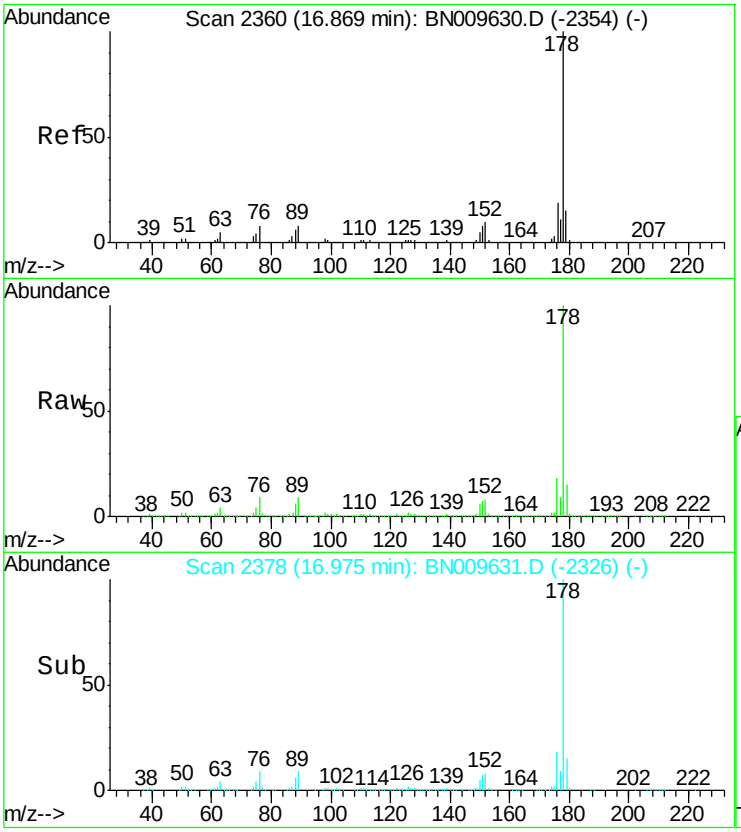


#64
N-Nitrosodiphenylamine
Concen: 1.61 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:169 Resp: 37473

Ion	Ratio	Lower	Upper
169	100		
168	101.7	53.8	80.8#
167	94.5	27.5	41.3#



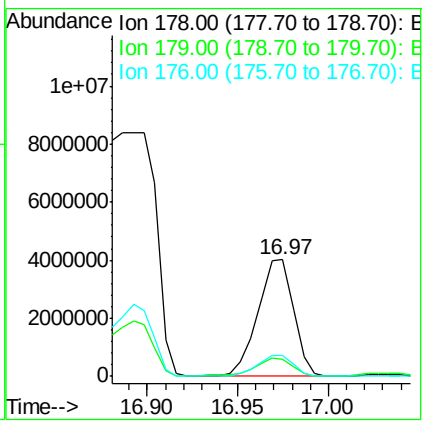


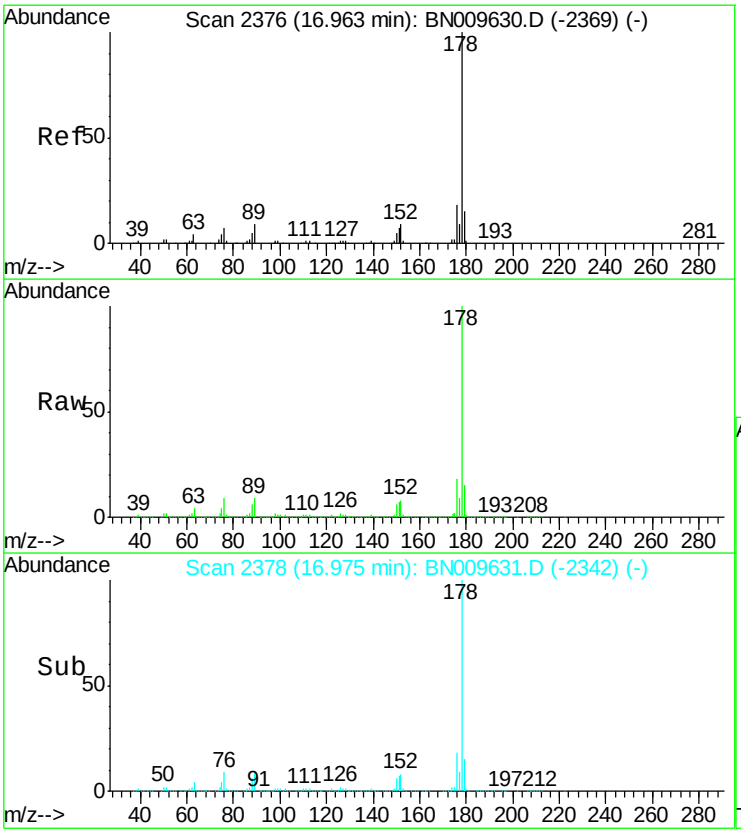
#69
Phenanthrene
Concen: 123.79 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. 0.11 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:178 Resp: 5511726

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	17.7	14.8	22.2

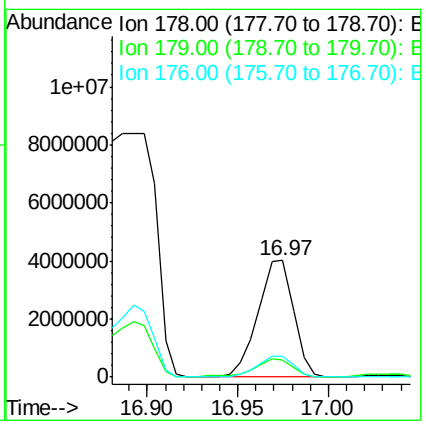


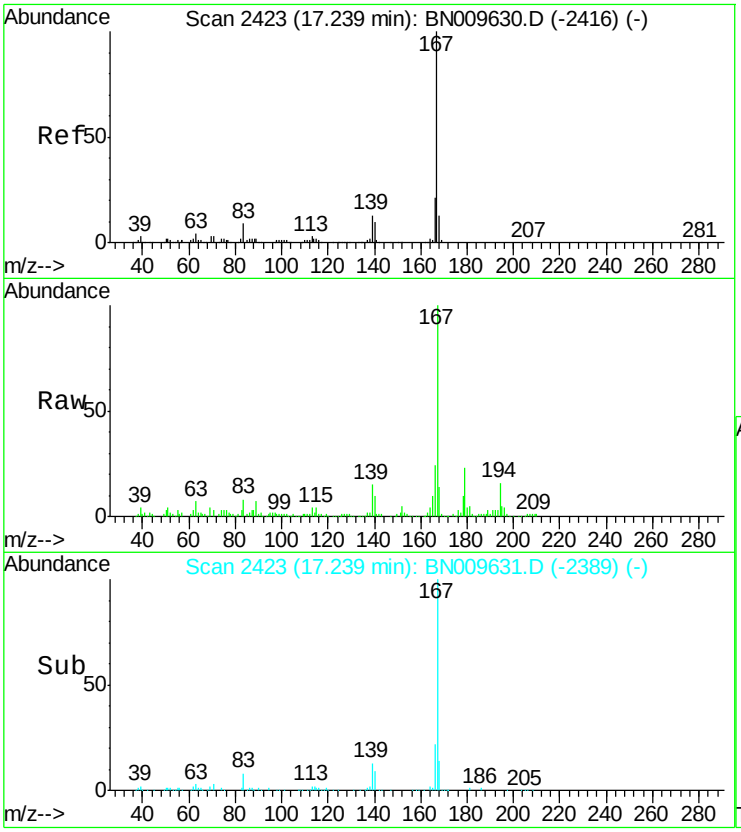


#71
Anthracene
Concen: 122.32 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. 0.01 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:178 Resp: 5526437

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	17.7	14.6	21.8



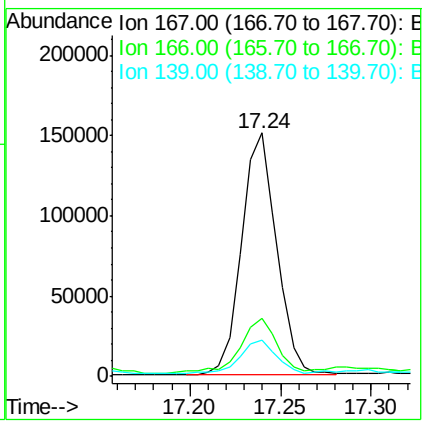


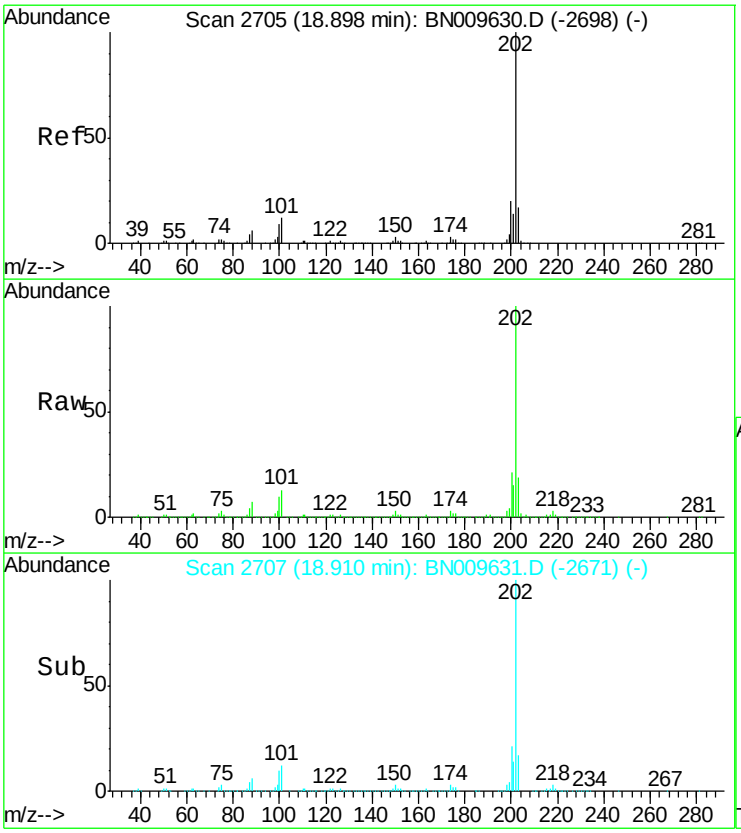
#74
Carbazole
Concen: 5.13 ng/ul
RT: 17.24 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:167 Resp: 201992

Ion	Ratio	Lower	Upper
167	100		
166	24.1	16.2	24.4
139	14.7	10.4	15.6

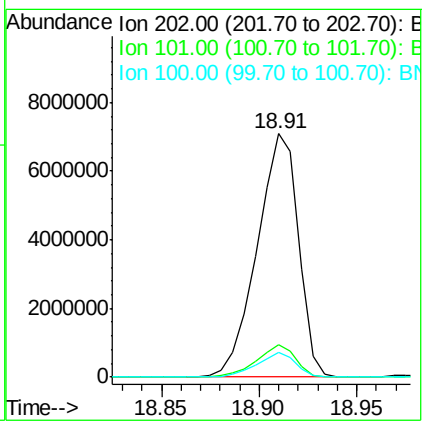


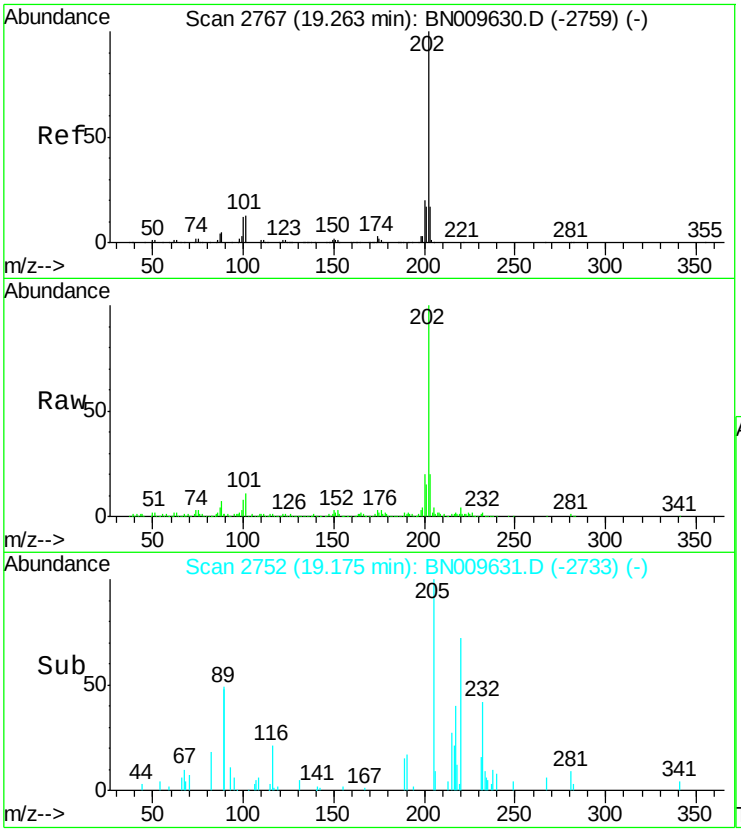


#76
Fluoranthene
Concen: 203.59 ng/ul
RT: 18.91 min Scan# 2707
Delta R.T. 0.01 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:202 Resp:10346335

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.2	13.8
100	10.2	6.9	10.3



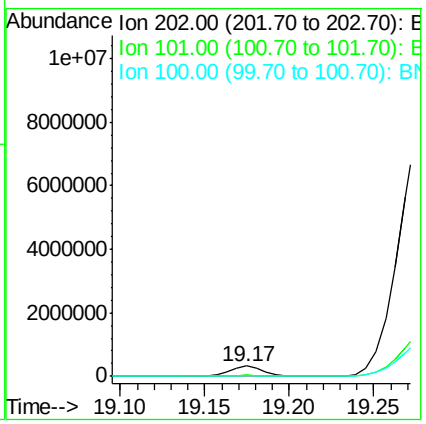


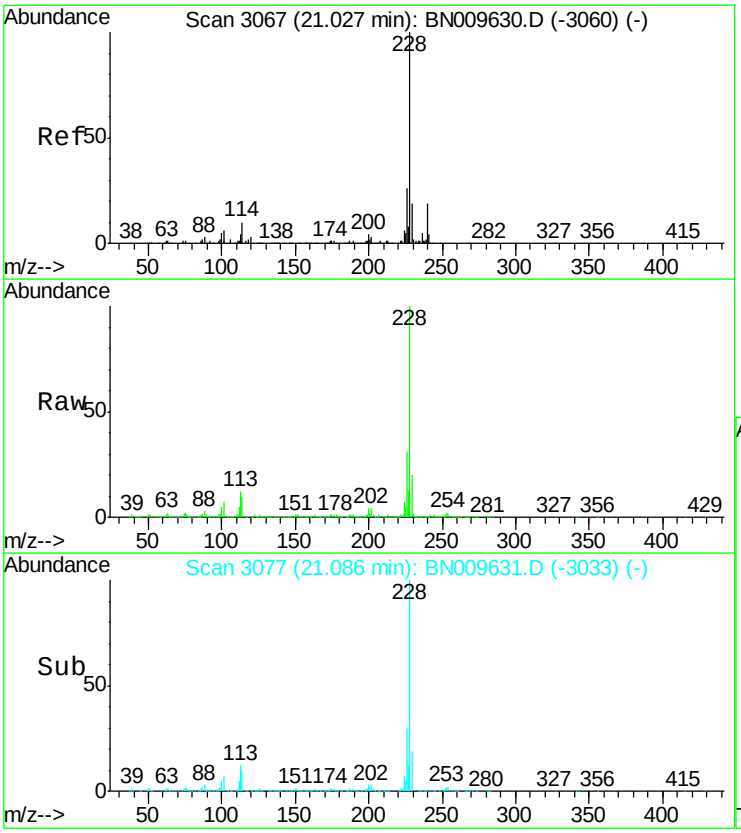
#79
Pyrene
Concen: 8.38 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. -0.09 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:202 Resp: 420032

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

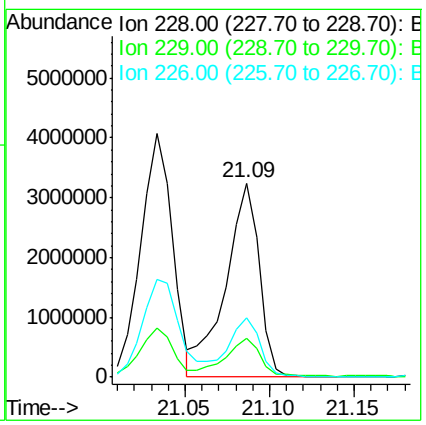


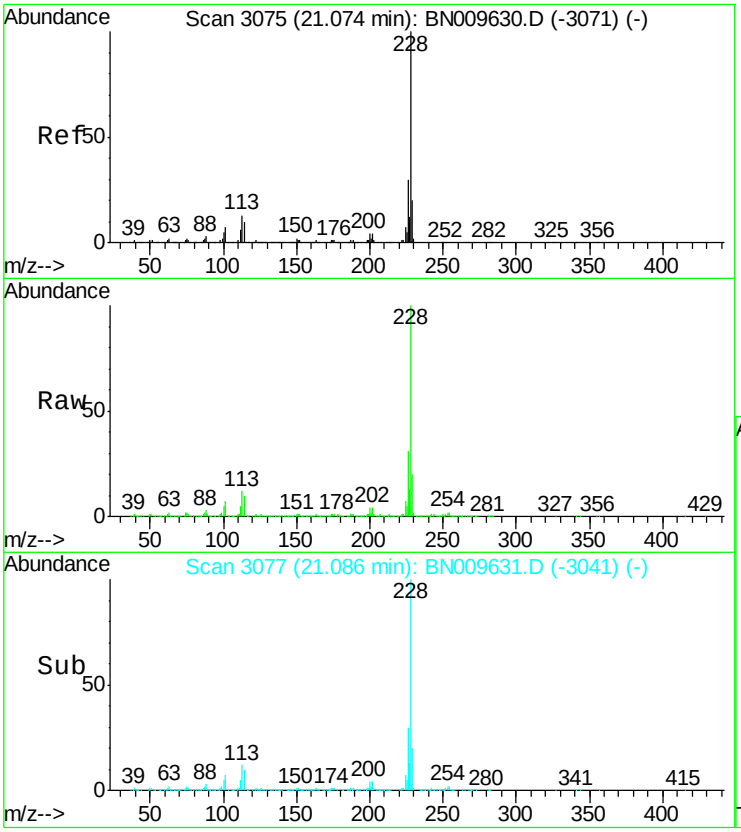


#82
Benzo(a)anthracene
Concen: 94.35 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.06 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:228 Resp: 4474291

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.0	22.4
226	30.6	20.9	31.3



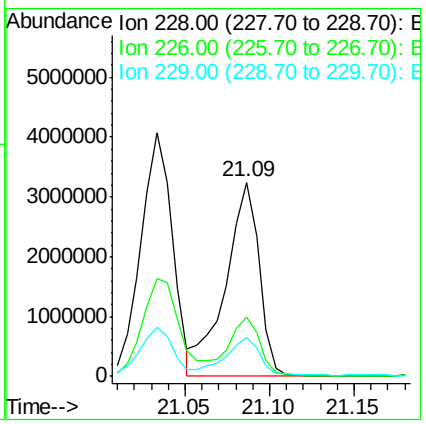


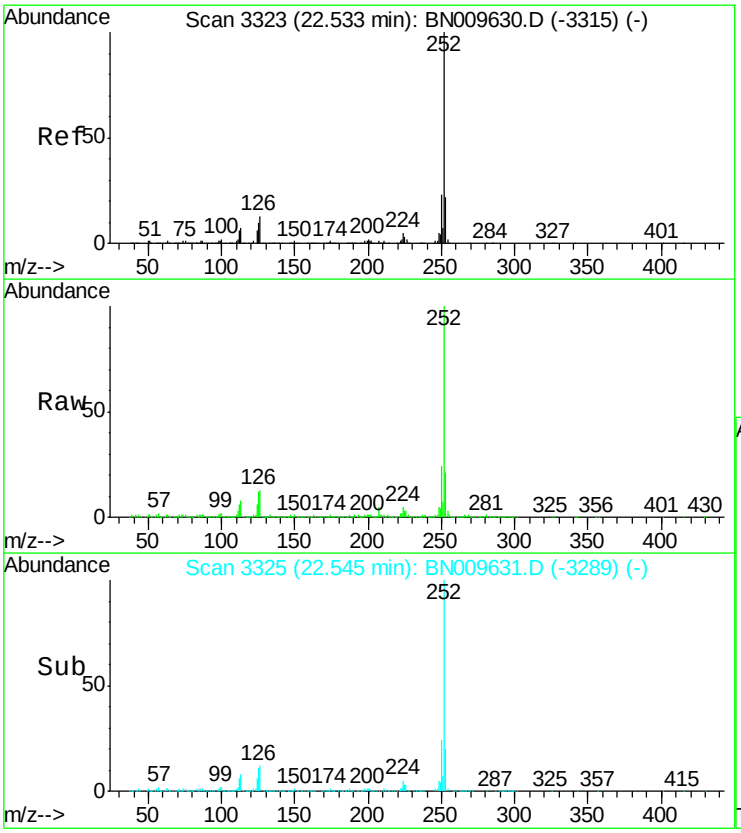
#84
Chrysene
Concen: 94.79 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:228 Resp: 4475188

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.5	35.3
229	20.3	15.8	23.8

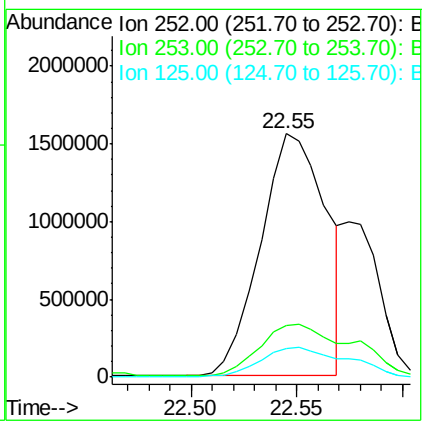


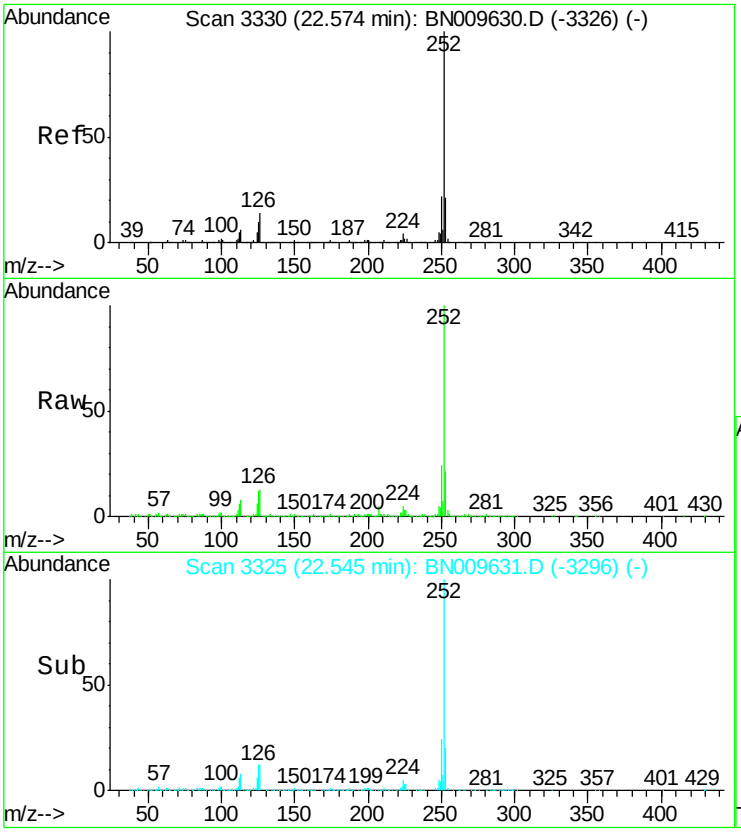


#87
Benzo(b)fluoranthene
Concen: 69.88 ng/ul
RT: 22.55 min Scan# 3325
Delta R.T. 0.01 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:252 Resp: 3375588

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	11.7	8.2	12.2



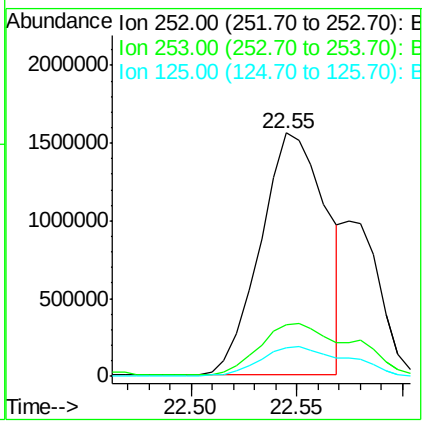


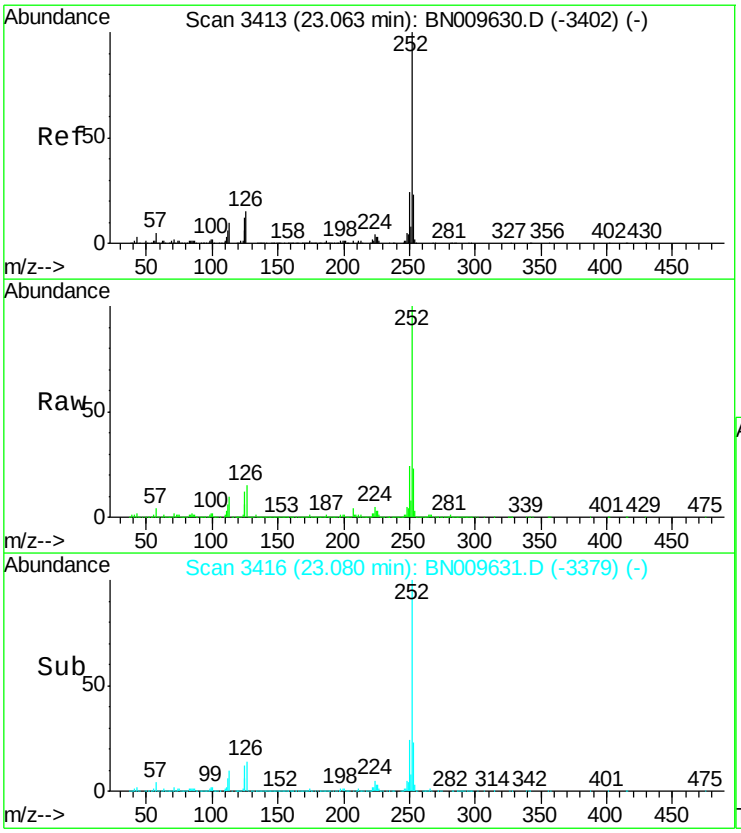
#88
Benzo(k)fluoranthene
Concen: 70.96 ng/ul
RT: 22.55 min Scan# 3325
Delta R.T. -0.03 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:252 Resp: 3375588

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	11.7	8.0	12.0

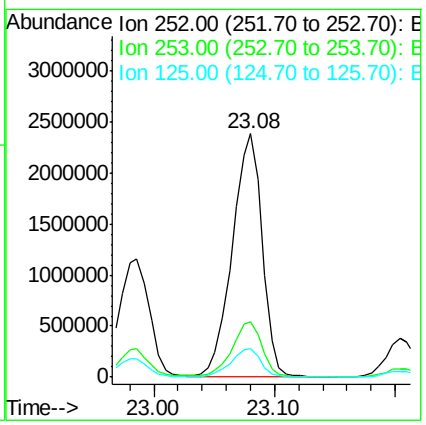


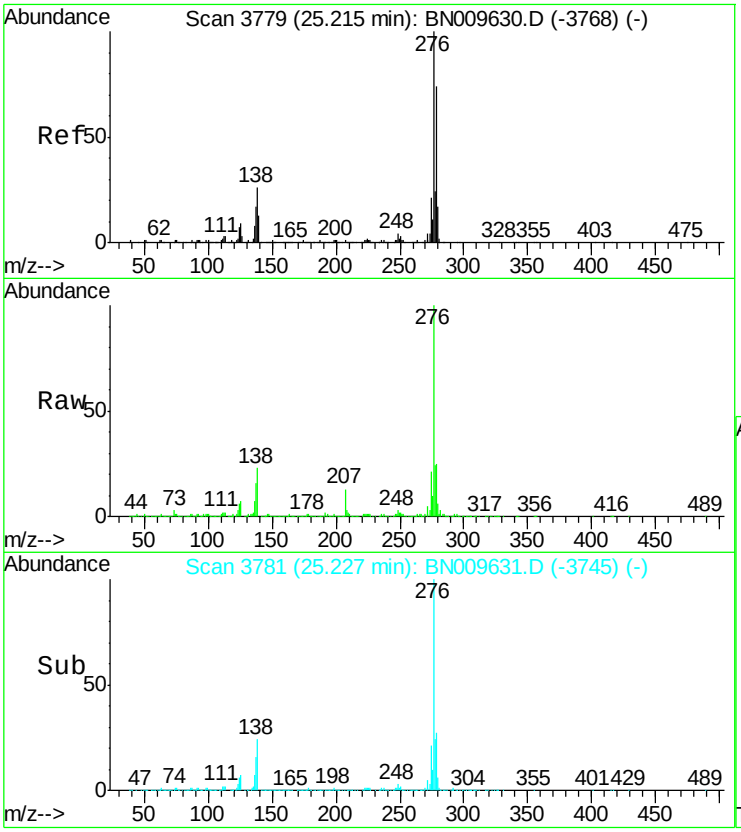


#90
Benzo(a)pyrene
Concen: 91.26 ng/ul
RT: 23.08 min Scan# 3416
Delta R.T. 0.02 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:252 Resp: 4084230

Ion	Ratio	Lower	Upper
252	100		
253	23.0	15.8	23.8
125	11.7	8.7	13.1



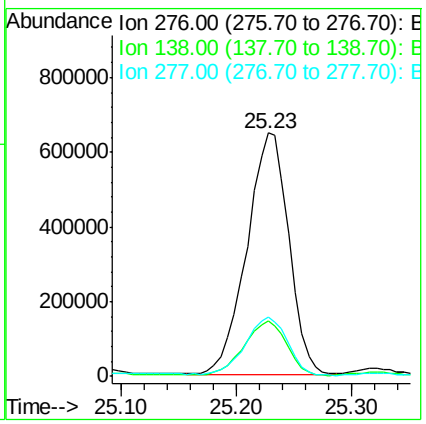


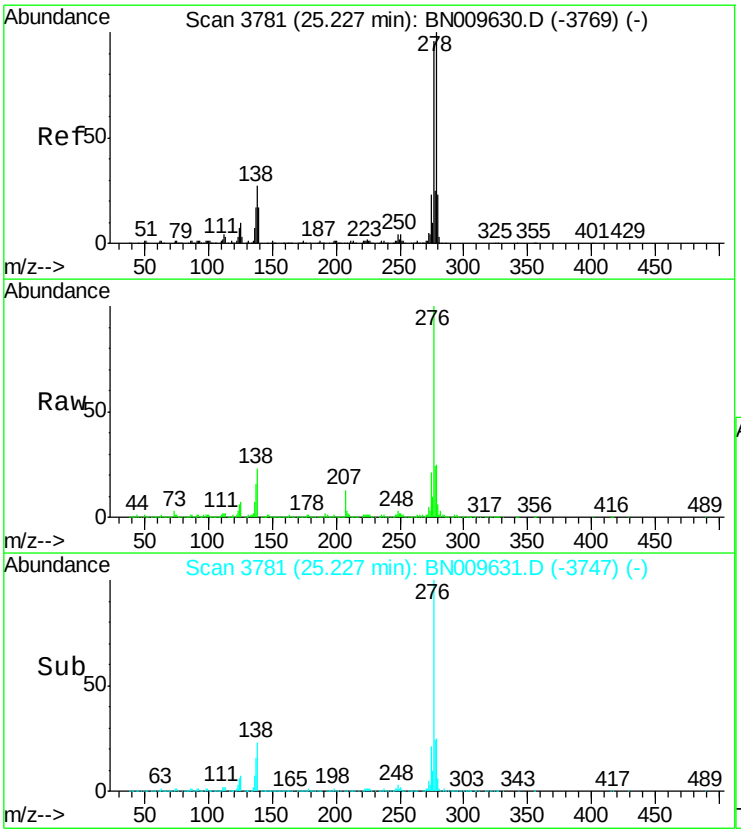
#91
Indeno(1,2,3-cd)pyrene
Concen: 30.70 ng/ul
RT: 25.23 min Scan# 3781
Delta R.T. 0.01 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:276 Resp: 1633662

Ion	Ratio	Lower	Upper
276	100		
138	23.0	20.3	30.5
277	24.4	21.2	31.8

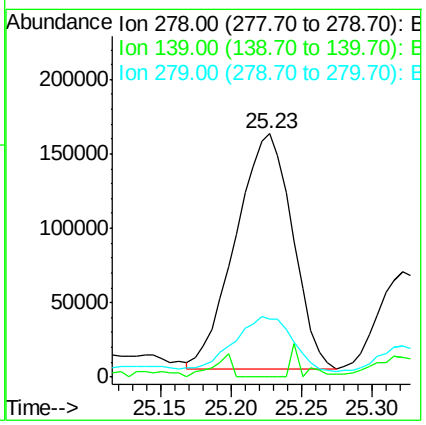


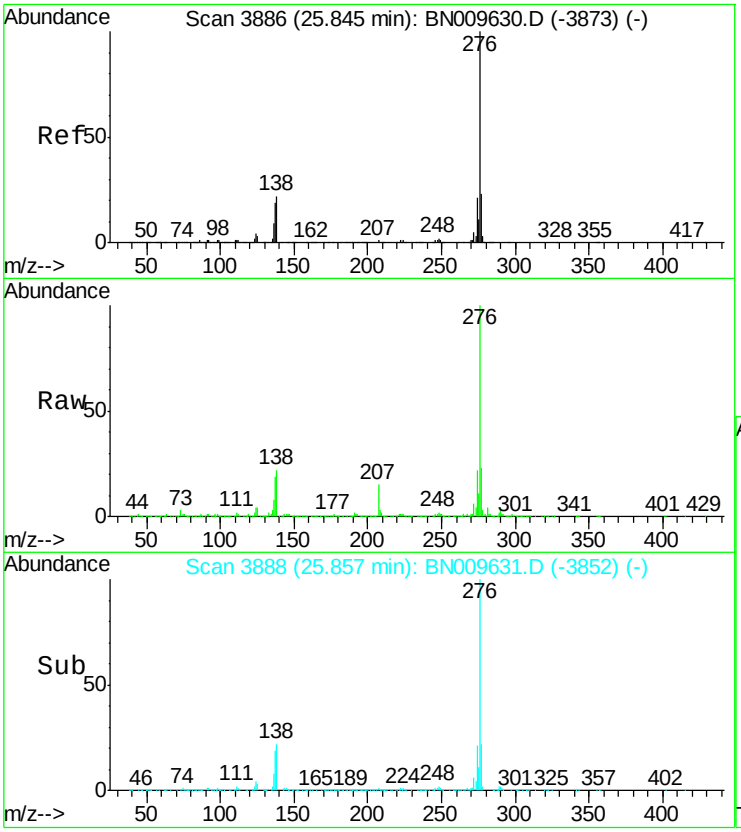


#92
Dibenzo(a,h)anthracene
Concen: 9.93 ng/ul
RT: 25.23 min Scan# 3781
Delta R.T. 0.00 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Tgt Ion:278 Resp: 444855

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	24.0	19.8	29.8





#93
Benzo(g,h,i)perylene
Concen: 36.10 ng/ul
RT: 25.86 min Scan# 3888
Delta R.T. 0.01 min
Lab File: BN009631.D
Acq: 07 Feb 2020 04:47

Instrument :
BNA_N
ClientSampleId :
GAT60

Tgt Ion:276 Resp: 1609748

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.0	24.0
277	22.7	17.0	25.6