Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009607.D
Acq On : 06 Feb 2020 13:20
Operator : CG/JU
Sample : L1323-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49

Quant Time: Feb 06 21:08:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	126533	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.18	136	531091	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.07	164	320648	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	650513	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	618939	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	656933	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3131	1.02	ng/uL	0.00
5) Phenol-d5	6.63	99	59253	5.37	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	44207	5.96	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	48715	6.00	ng/ul	-0.02
13) 4-Methylphenol-d8	8.15	113	38346	4.36	ng/ul	-0.01
19) Nitrobenzene-d5	8.57	128	24232	6.13	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.28	143	23457	5.32	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.82	165	43069	5.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	49160	5.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	155009	6.62	ng/ul	-0.01
46) Acenaphthylene-d8	13.76	160	178287	6.30	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	7960	1.80	ng/ul	0.00
57) Fluorene-d10	15.07	176	138490	6.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	12887	3.17	ng/ul	0.00
70) Anthracene-d10	16.92	188	202794	6.86	ng/ul	-0.01
78) Pyrene-d10	19.23	212	228395	7.02	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.02	264	232636	7.19	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.66	94	14076	1.194	ng/ul#	86
14) Acetophenone	8.25	105	18671	1.328	ng/ul	96
17) Hexachloroethane	8.45	117	13003	3.404	ng/ul#	8
28) Naphthalene	10.23	128	8758839	304.120	ng/ul	100
30) 4-Chloroaniline	10.23	127	1159467	126.468	ng/ul#	7
34) 2-Methylnaphthalene	11.86	142	3815922	189.328	ng/ul	100
40) 1,1'-Biphenyl	12.89	154	281483	11.275	ng/ul	99
44) Dimethylphthalate	13.54	163	46961	1.890	ng/ul	99
47) Acenaphthylene	13.79	152	1084920	35.052	ng/ul	98
49) Acenaphthene	14.13	153	87123	4.141	ng/ul	95
53) Dibenzofuran	14.47	168	106647	3.640	ng/ul	96
58) Fluorene	15.13	166	562927	22.989	ng/ul	99
60) 4-Nitroaniline	15.13	138	6548	1.168	ng/ul#	14
69) Phenanthrene	16.87	178	2746574	74.036	ng/ul	99
71) Anthracene	16.96	178	540299	14.354	ng/ul	98
76) Fluoranthene	18.90	202	668690	15.793	ng/ul	99
79) Pyrene	19.26	202	1017095	22.511	ng/ul	98
82) Benzo(a)anthracene	21.08	228	296341	6.934	ng/ul	95
84) Chrysene	21.08	228	296341	6.966	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	197839	4.813	ng/ul	97
88) Benzo(k)fluoranthene	22.54	252	197839	4.888	ng/ul	97
90) Benzo(a)pyrene	23.07	252	230556	6.054	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.22	276	82362	1.819	ng/ul#	92

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Sample : L1323-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49

Quant Time: Feb 06 21:08:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	25.84	276	81684	2.153	ng/ul	95

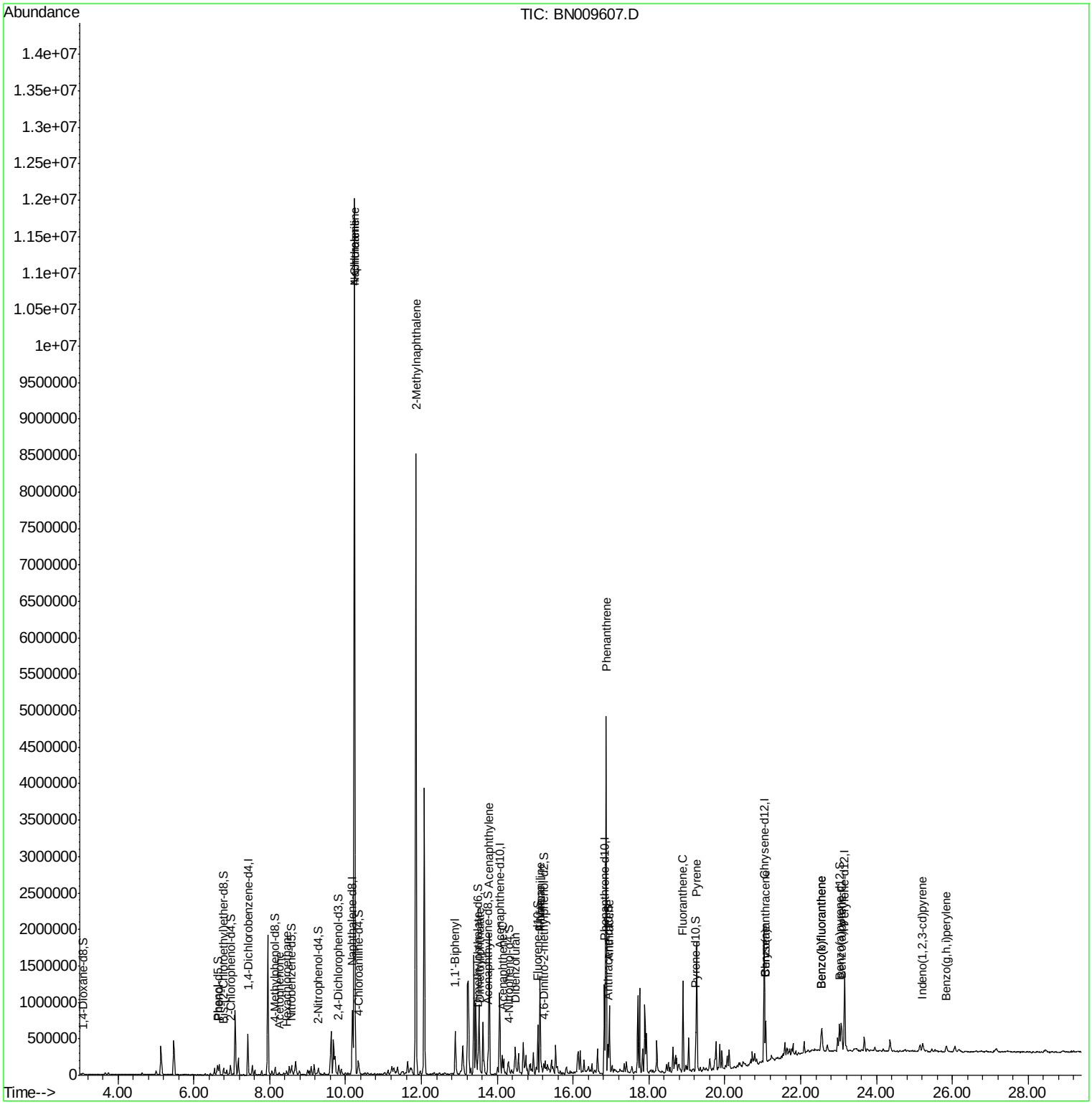
(#) = qualifier out of range (m) = manual integration (+) = signals summed

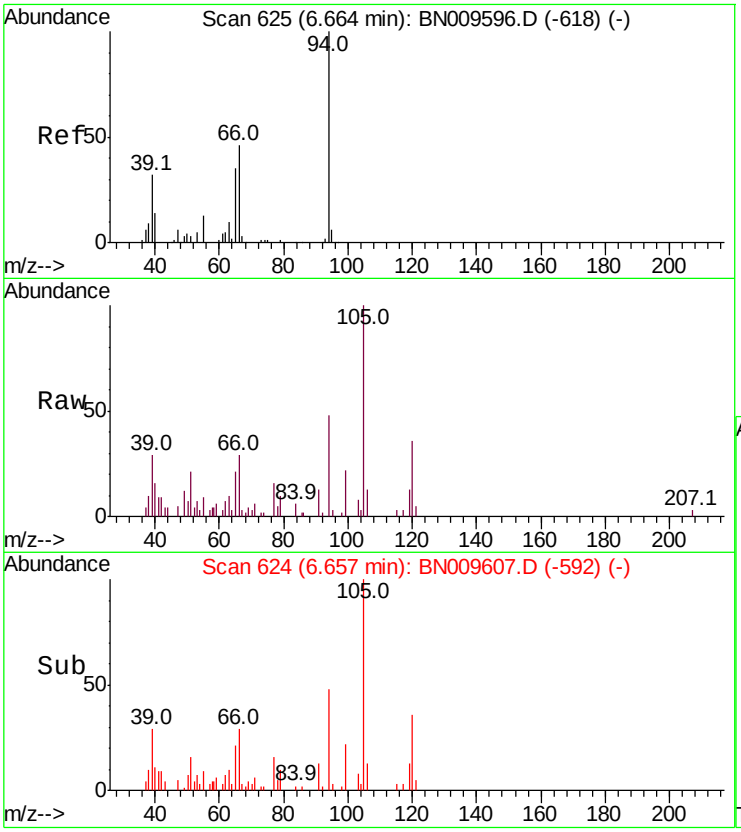
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009607.D
Acq On : 06 Feb 2020 13:20
Operator : CG/JU
Sample : L1323-11
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT49

Quant Time: Feb 06 21:08:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration



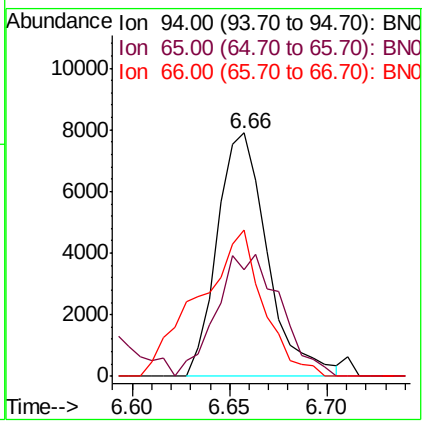


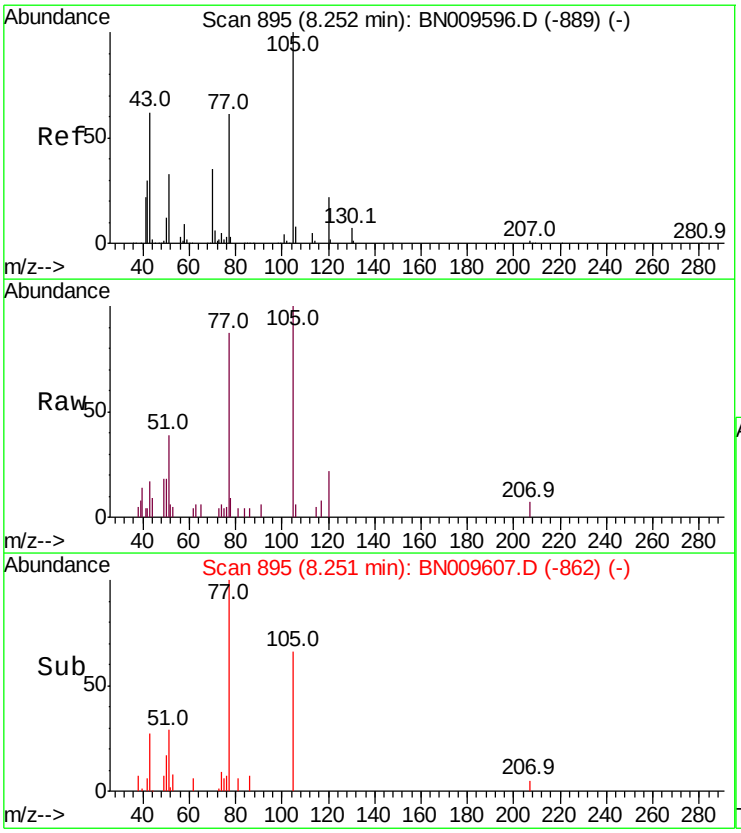
#6
Phenol
Concen: 1.194 ng/ul
RT: 6.66 min Scan# 624
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion: 94 Resp: 14076

Ion	Ratio	Lower	Upper
94	100		
65	43.9	29.8	44.6
66	60.0	39.5	59.3#

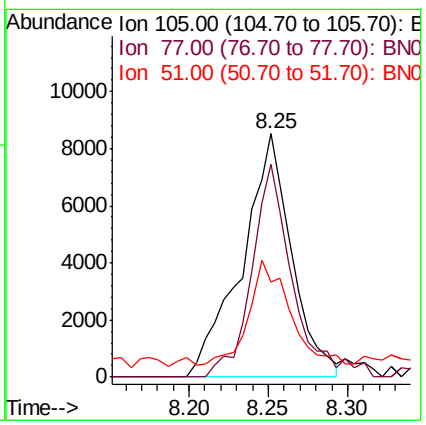


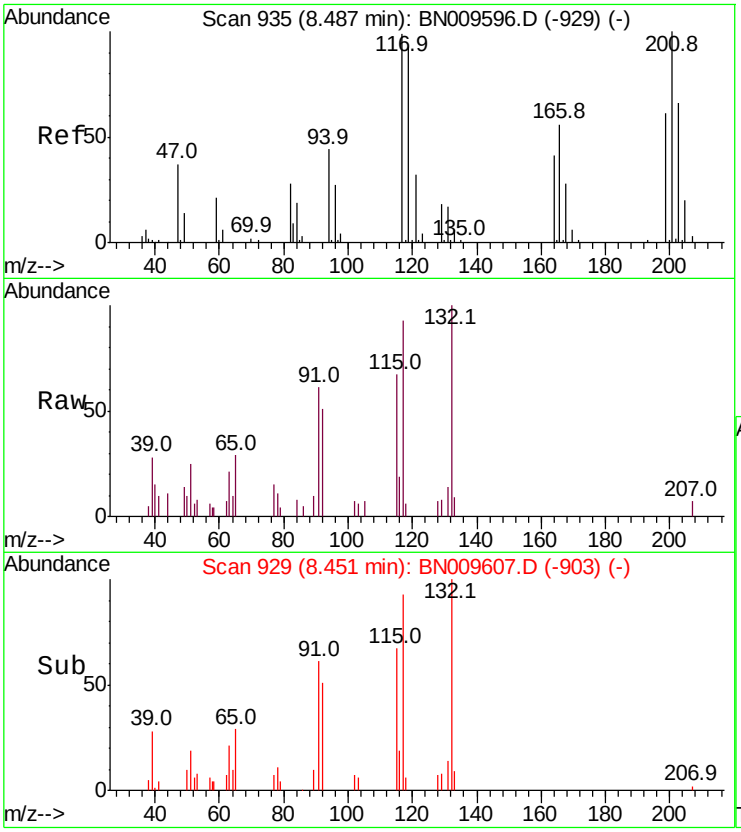


#14
Acetophenone
Concen: 1.328 ng/ul
RT: 8.25 min Scan# 895
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:105 Resp: 18671

Ion	Ratio	Lower	Upper
105	100		
77	87.3	67.7	101.5
51	38.9	34.3	51.5



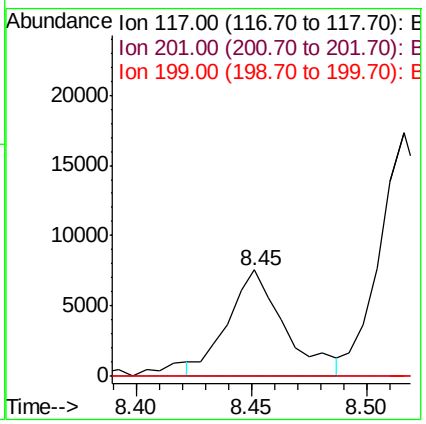


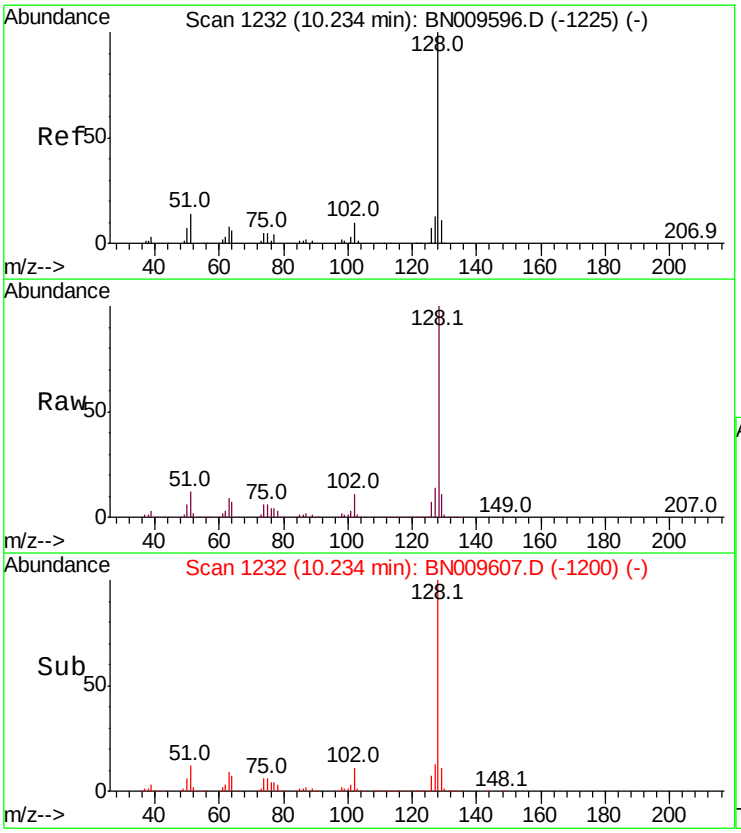
#17
Hexachloroethane
Concen: 3.404 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. -0.05 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:117 Resp: 13003

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

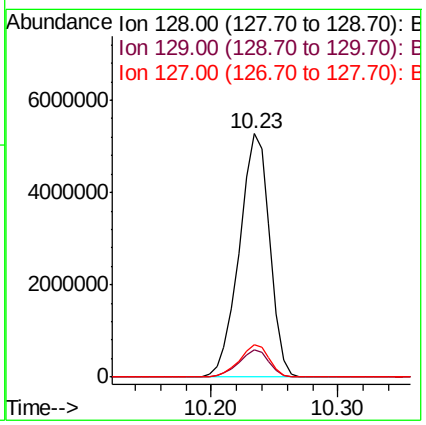


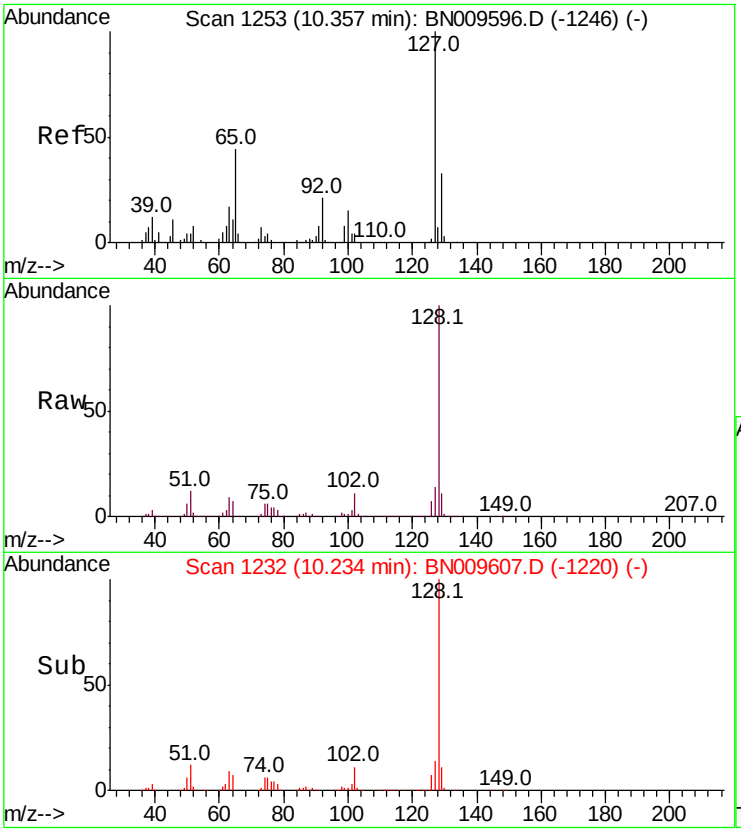


#28
Naphthalene
Concen: 304.120 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:128 Resp: 8758839

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.5	10.7	16.1



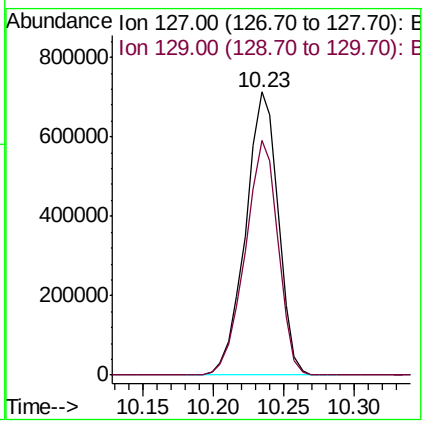


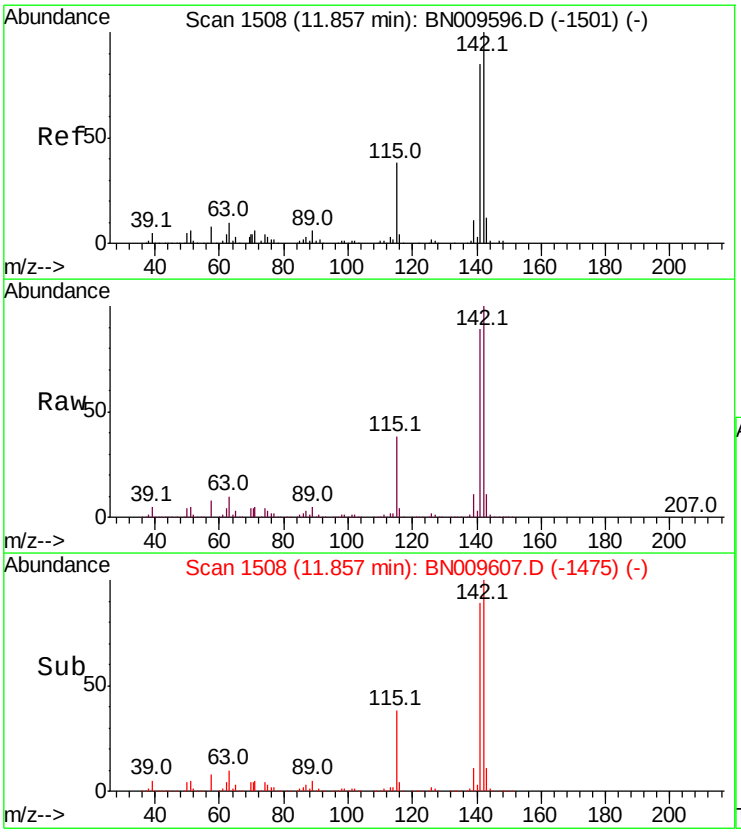
#30
4-Chloroaniline
Concen: 126.468 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.13 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:127 Resp: 1159467

Ion	Ratio	Lower	Upper
127	100		
129	82.8	25.2	37.8#

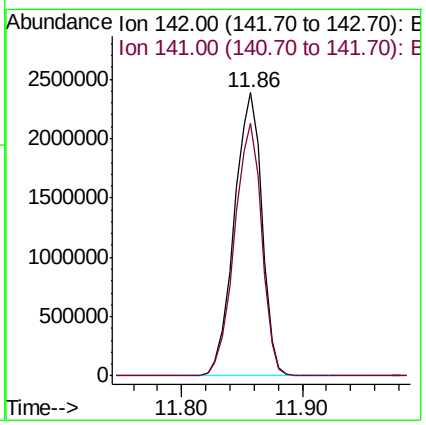


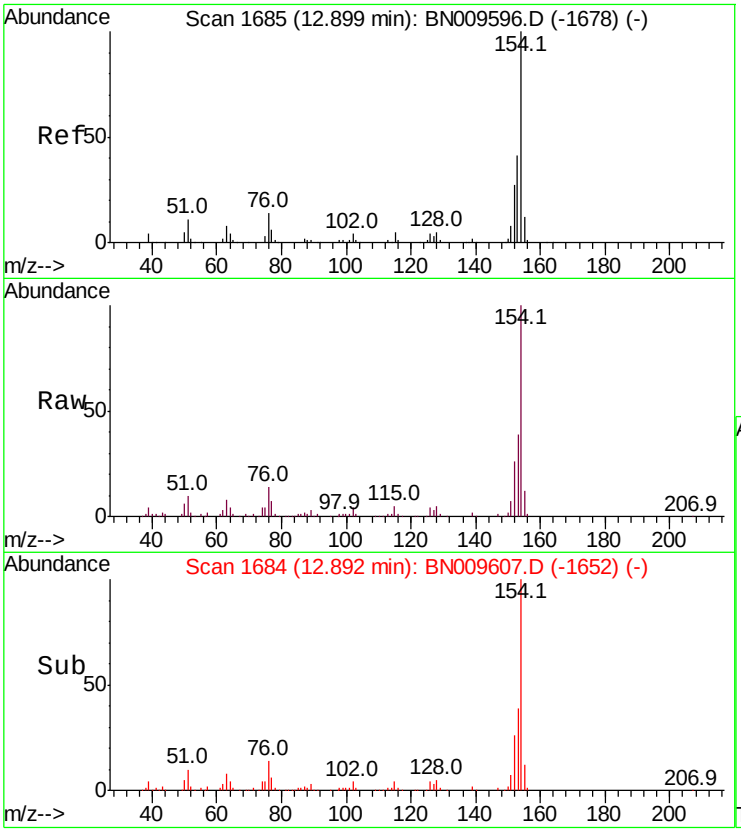


#34
2-Methylnaphthalene
Concen: 189.328 ng/ul
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:142 Resp: 3815922

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.5	107.3



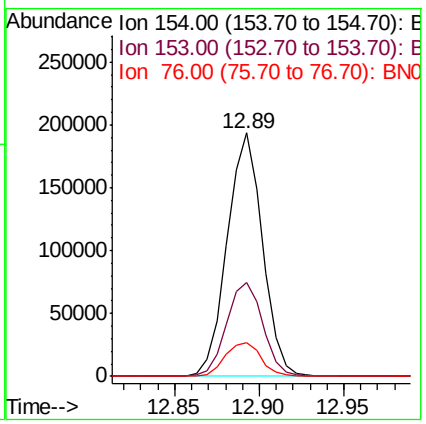


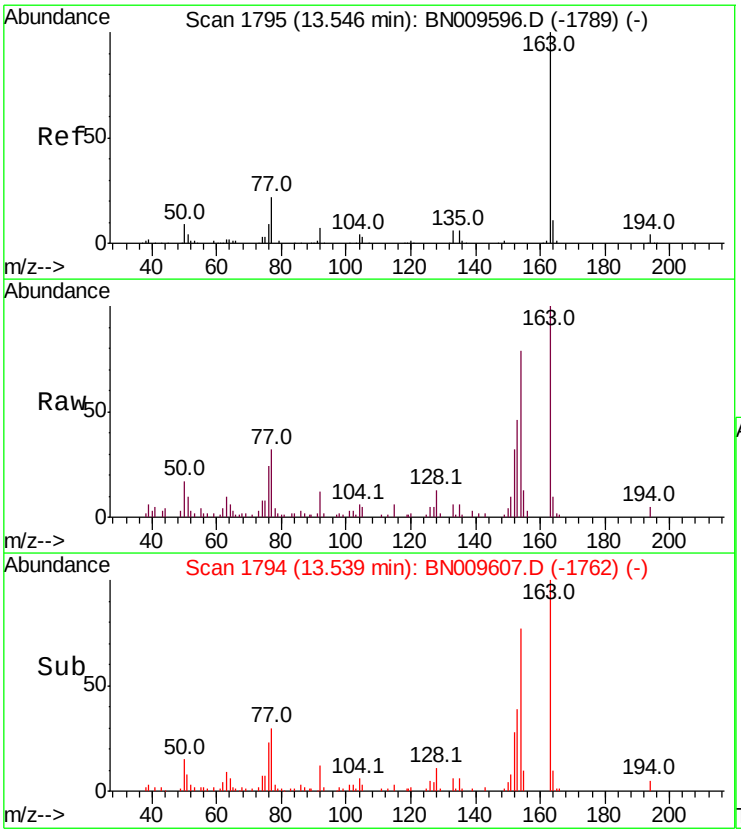
#40
1,1'-Biphenyl
Concen: 11.275 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:154 Resp: 281483

Ion	Ratio	Lower	Upper
154	100		
153	38.7	31.2	46.8
76	13.8	11.4	17.2

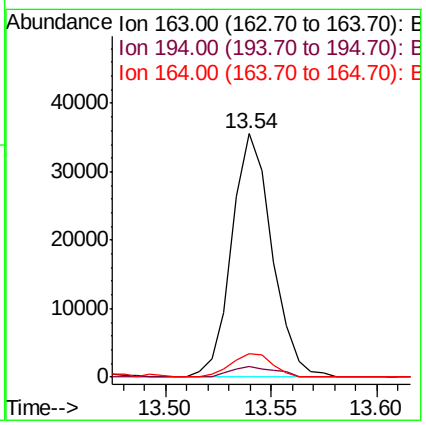


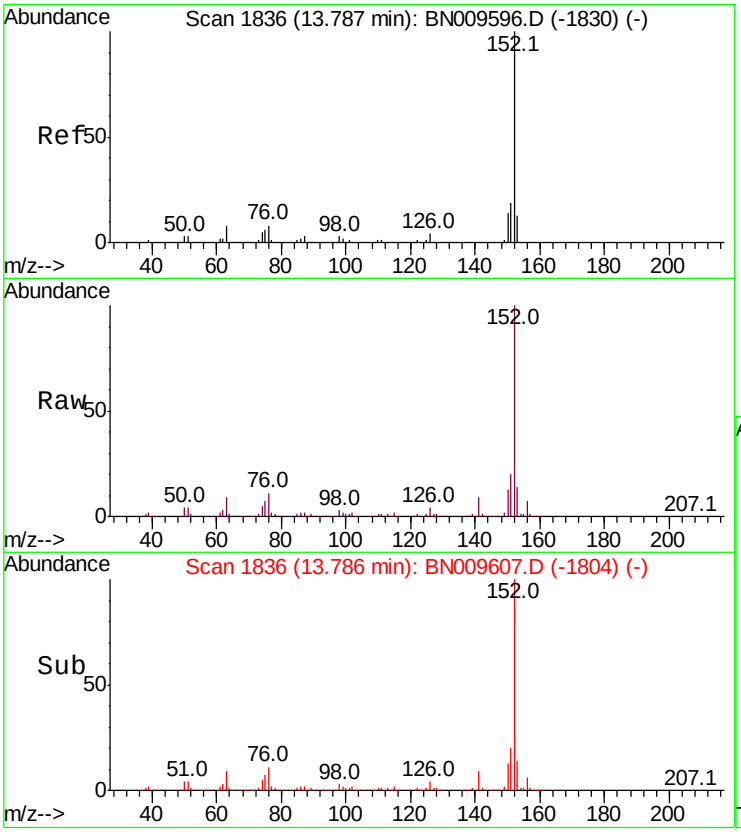


#44
Dimethylphthalate
Concen: 1.890 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:163 Resp: 46961

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.6	8.0	12.0



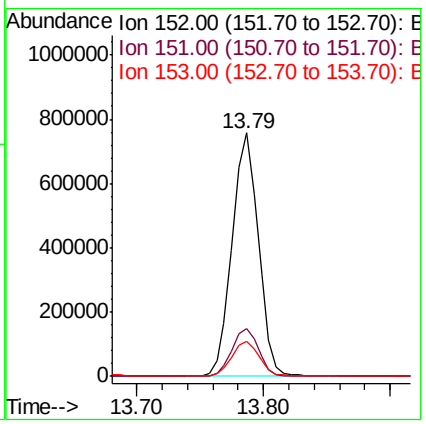


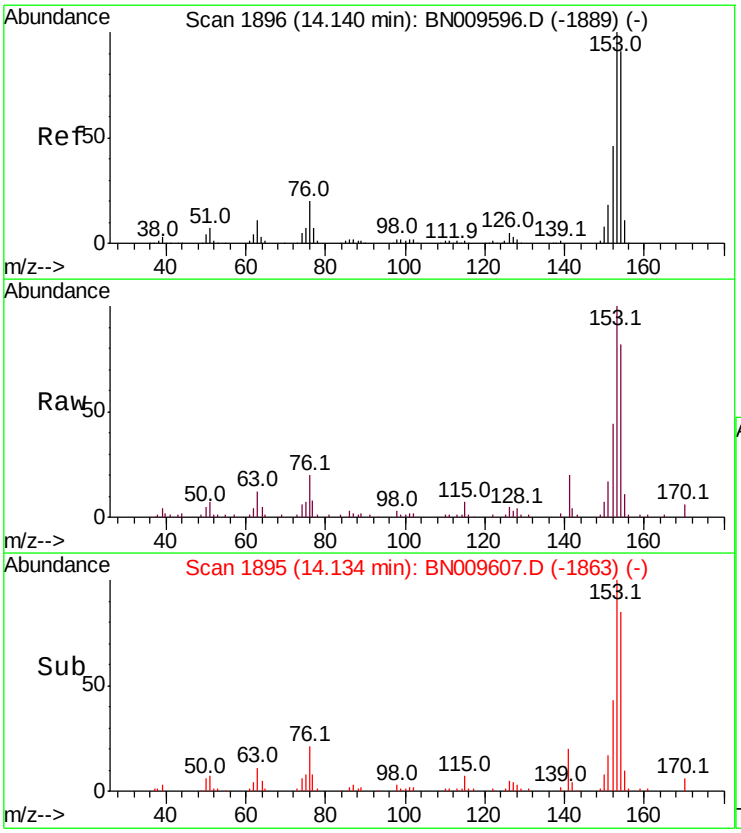
#47
Acenaphthylene
Concen: 35.052 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:152 Resp: 1084920

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	14.2	10.6	15.8

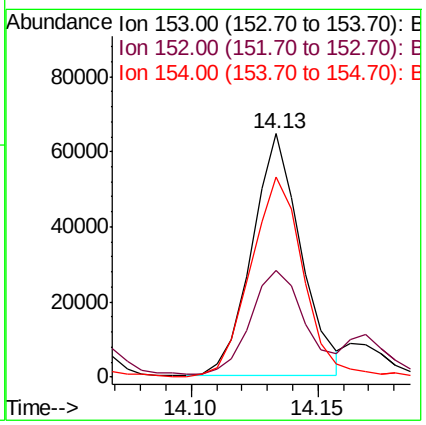


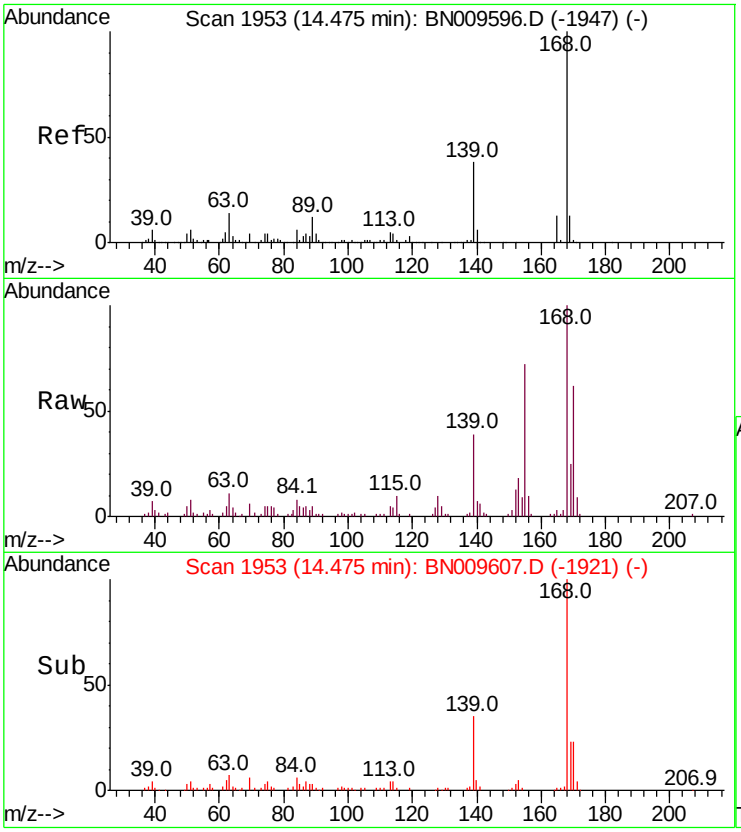


#49
Acenaphthene
Concen: 4.141 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:153 Resp: 87123

Ion	Ratio	Lower	Upper
153	100		
152	43.9	37.3	55.9
154	82.1	70.2	105.2



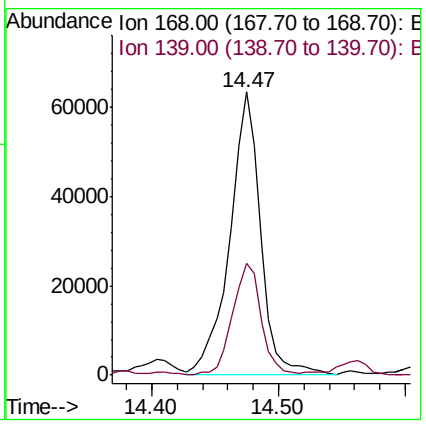


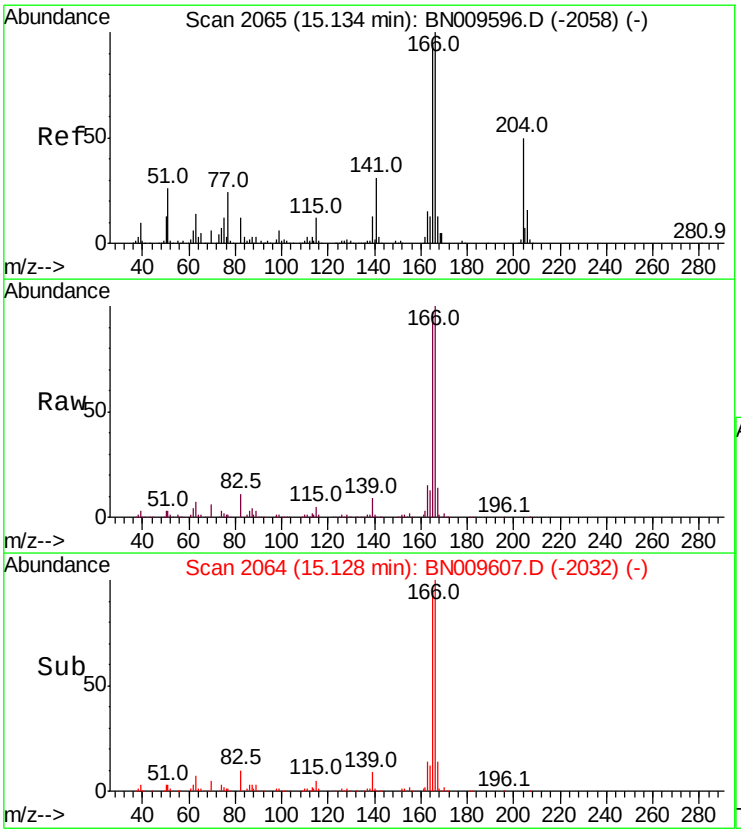
#53
Dibenzofuran
Concen: 3.640 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:168 Resp: 106647

Ion	Ratio	Lower	Upper
168	100		
139	39.4	29.5	44.3

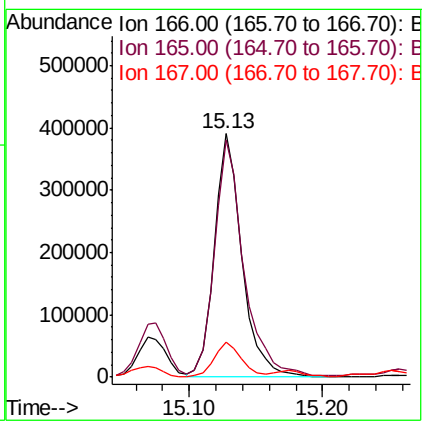


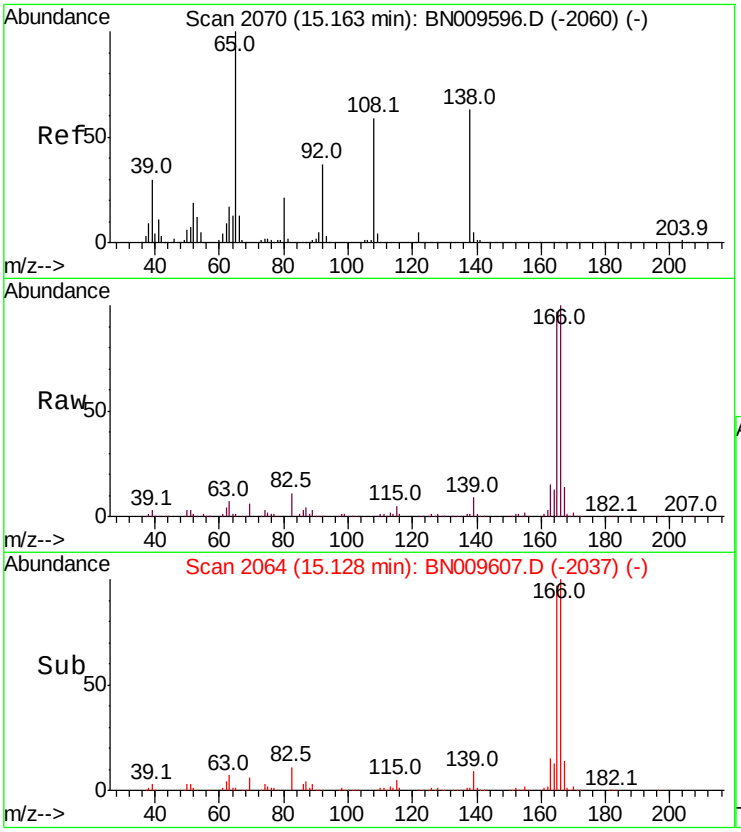


#58
Fluorene
Concen: 22.989 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:166 Resp: 562927

Ion	Ratio	Lower	Upper
166	100		
165	97.5	76.7	115.1
167	14.2	11.1	16.7



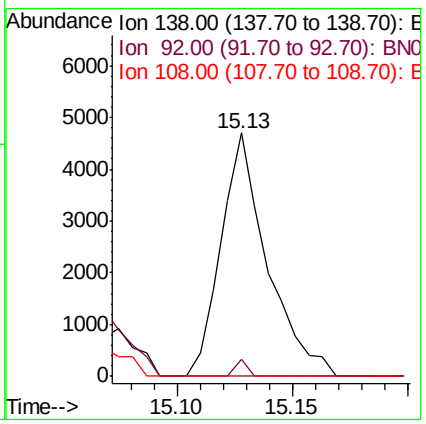


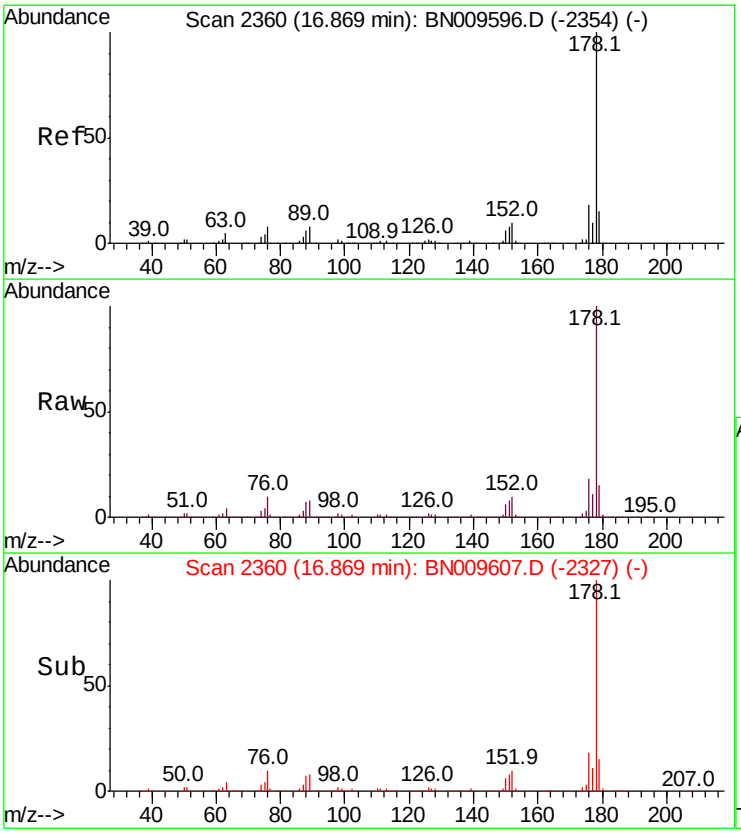
#60
4-Nitroaniline
Concen: 1.168 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.04 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:138 Resp: 6548

Ion	Ratio	Lower	Upper
138	100		
92	7.0	46.1	69.1#
108	0.0	75.1	112.7#

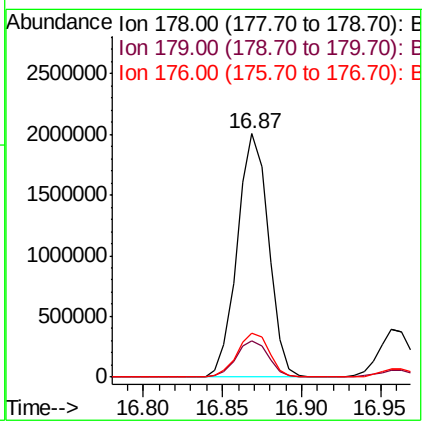


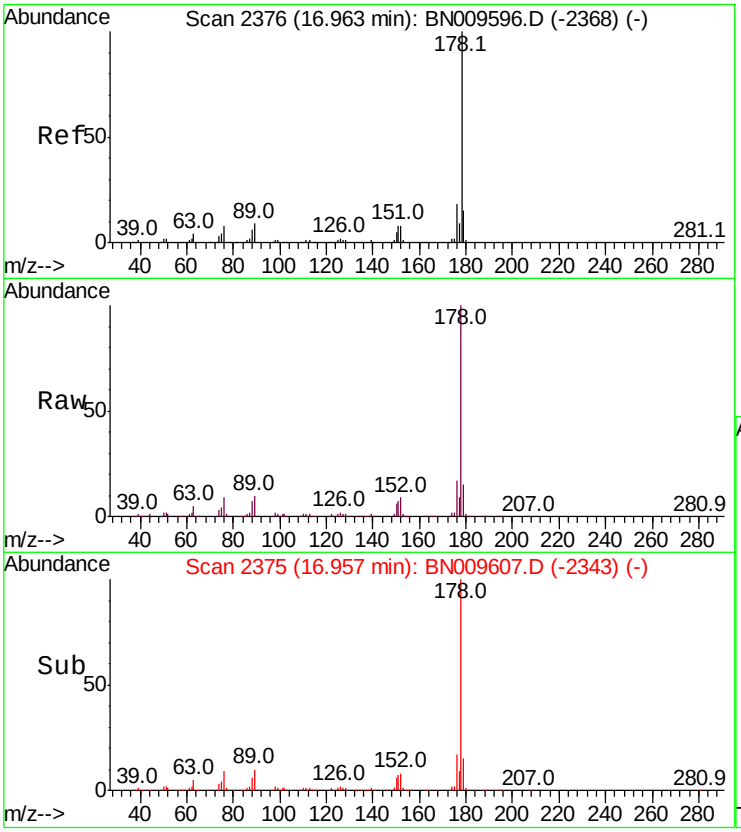


#69
Phenanthrene
Concen: 74.036 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:178 Resp: 2746574

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	18.0	14.8	22.2



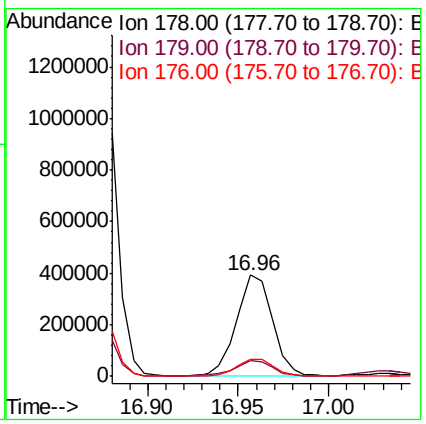


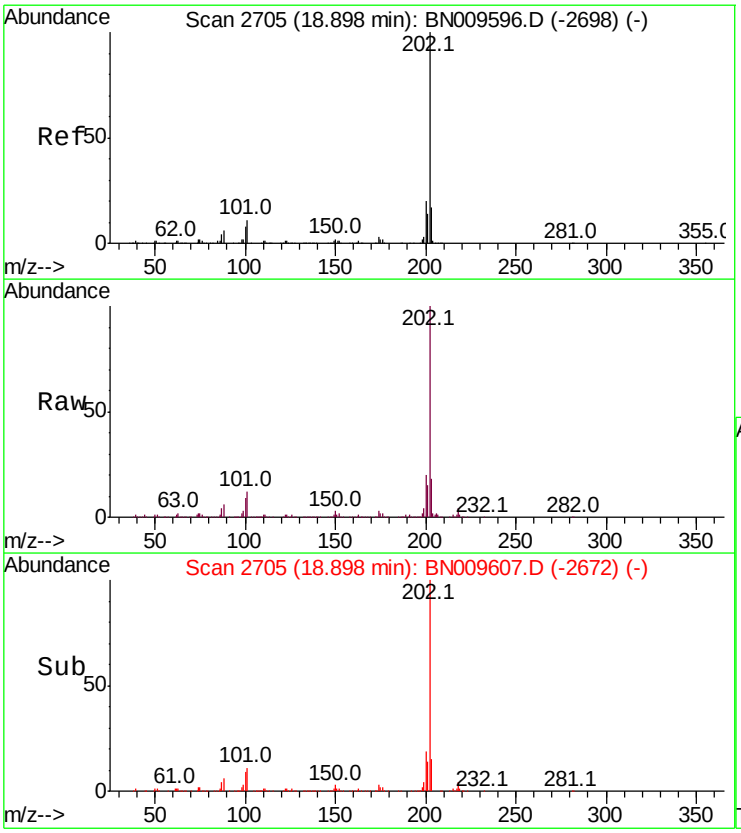
#71
Anthracene
Concen: 14.354 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:178 Resp: 540299

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	16.8	14.6	21.8

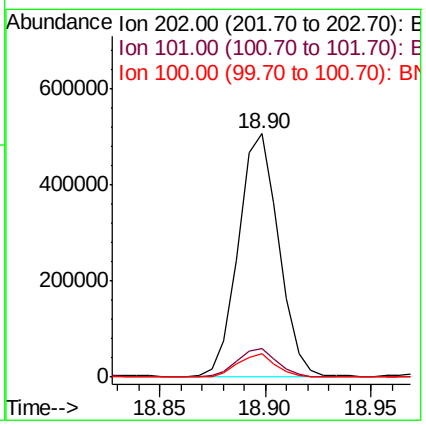


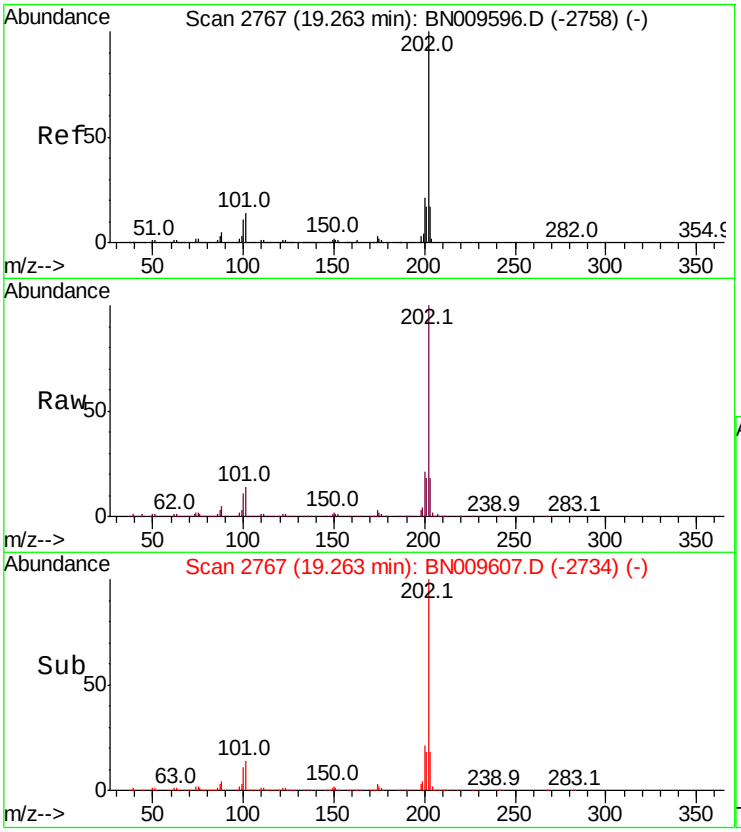


#76
Fluoranthene
Concen: 15.793 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:202 Resp: 668690

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
100	9.4	6.9	10.3



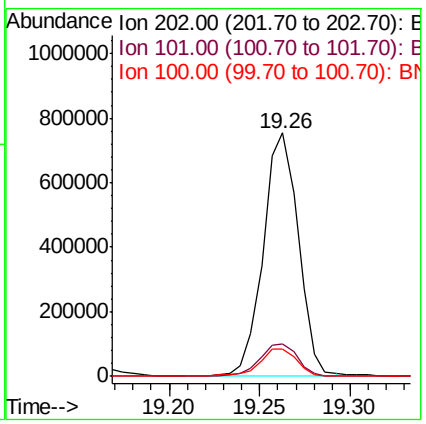


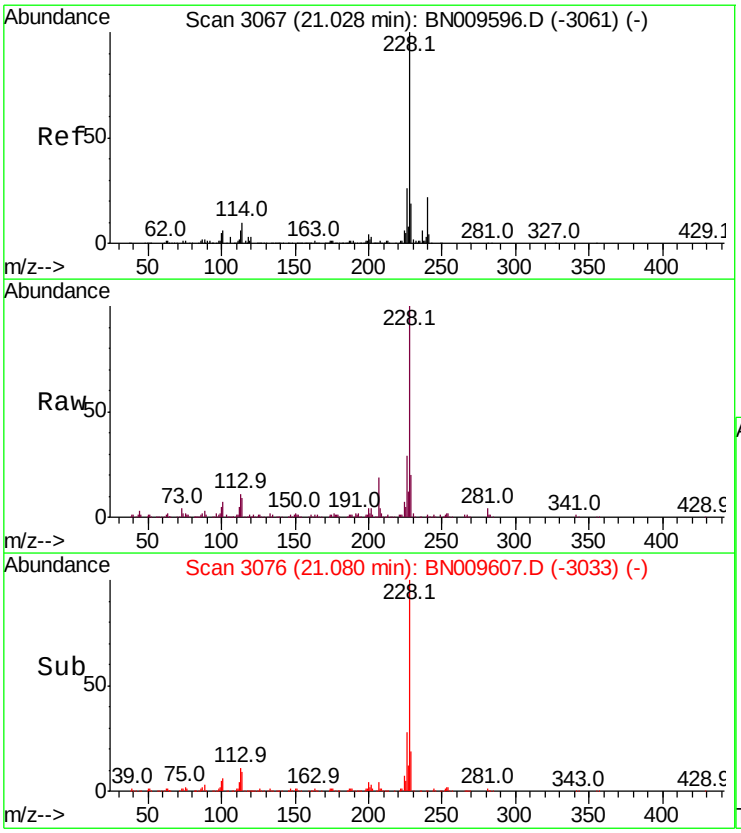
#79
Pyrene
Concen: 22.511 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:202 Resp: 1017095

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.3	15.5
100	11.2	8.4	12.6

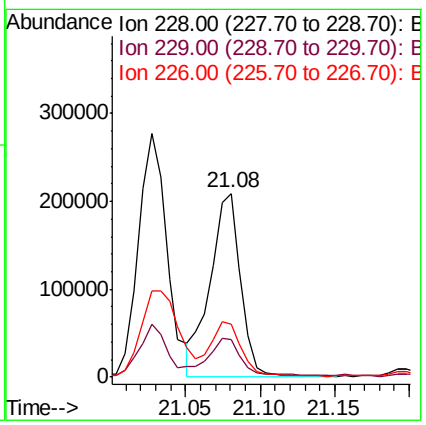


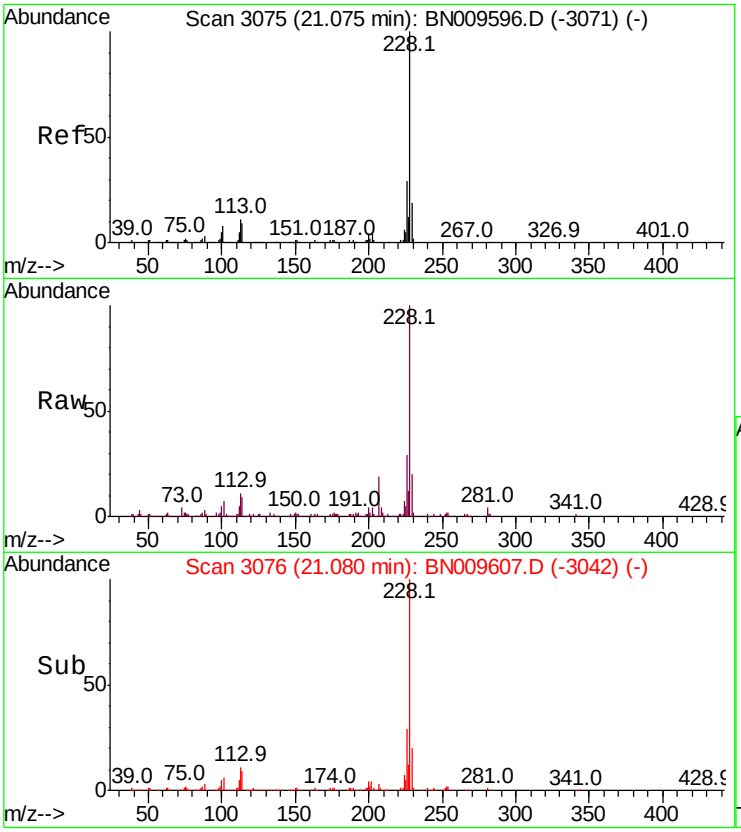


#82
Benzo(a)anthracene
Concen: 6.934 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. 0.05 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:228 Resp: 296341

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.0	22.4
226	29.1	20.9	31.3



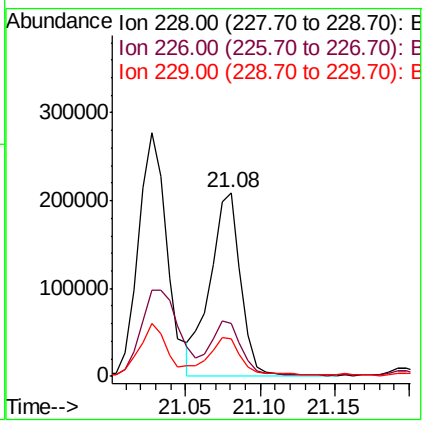


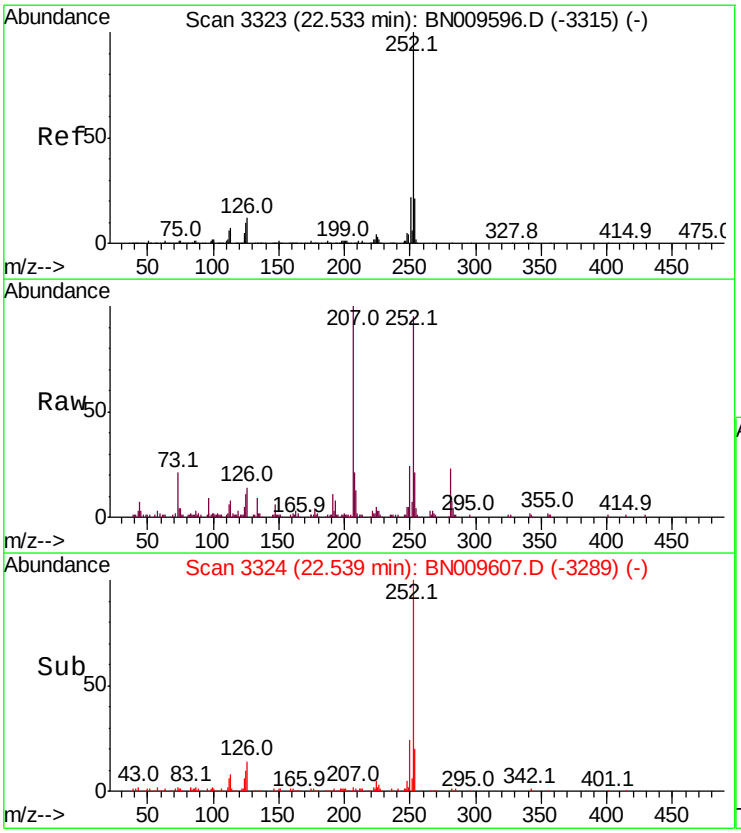
#84
Chrysene
Concen: 6.966 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:228 Resp: 296341

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	20.3	15.8	23.8

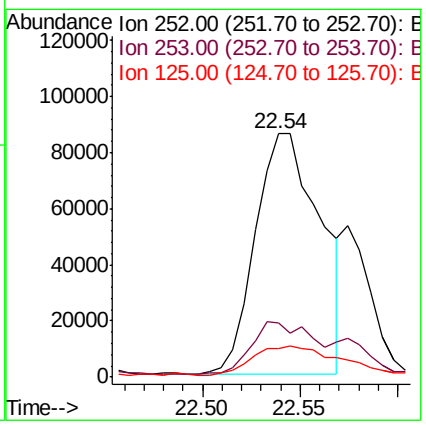


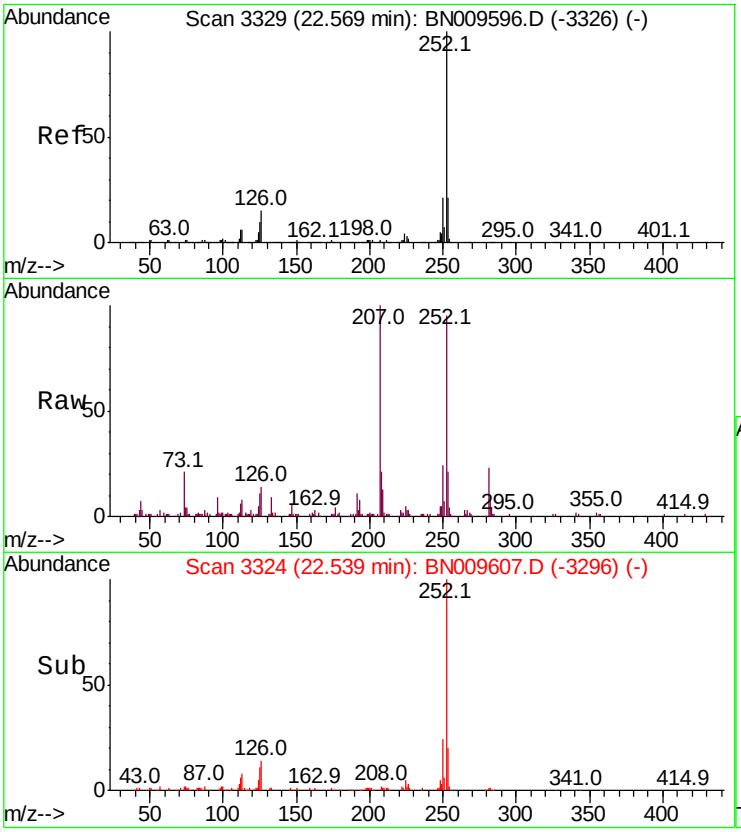


#87
Benzo(b)fluoranthene
Concen: 4.813 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. 0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:252 Resp: 197839

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.7	8.2	12.2



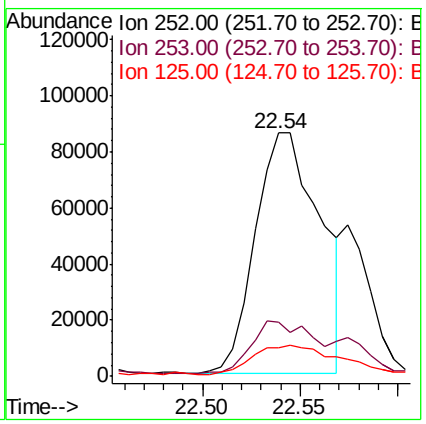


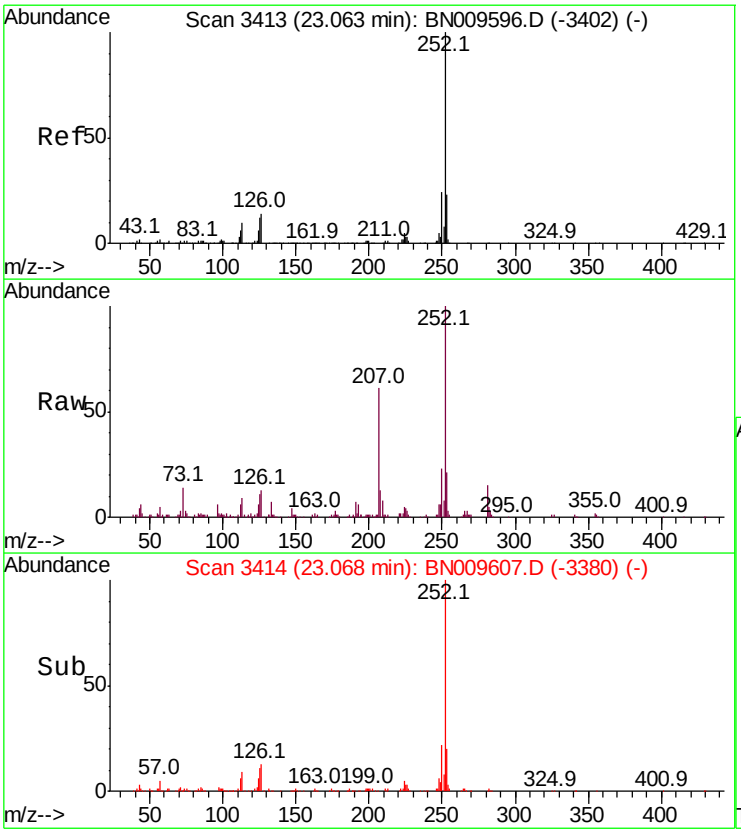
#88
Benzo(k)fluoranthene
Concen: 4.888 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.04 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:252 Resp: 197839

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	11.7	8.0	12.0

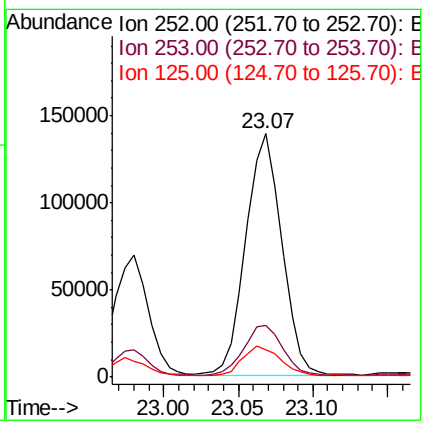


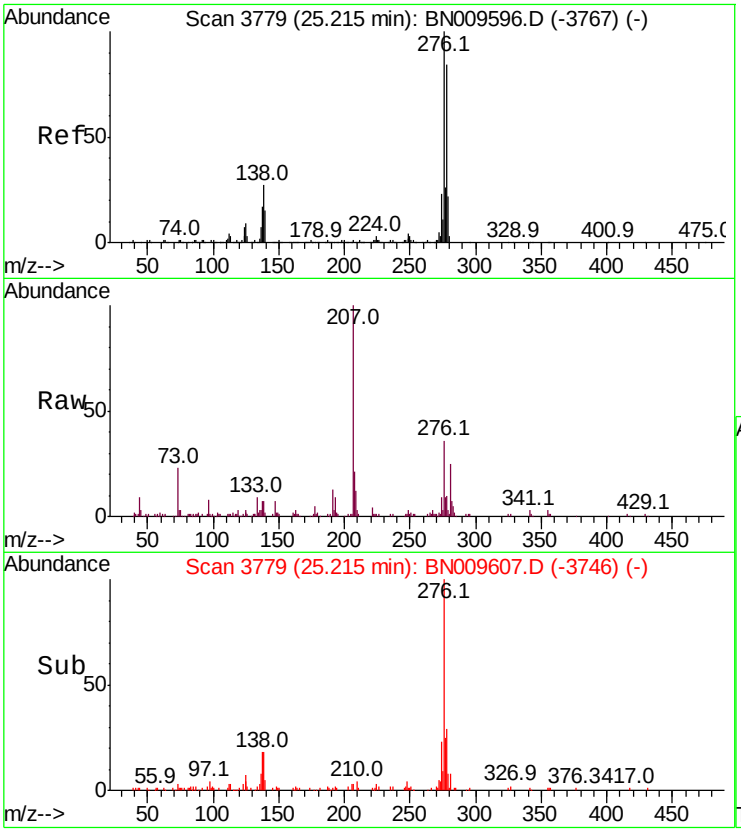


#90
Benzo(a)pyrene
Concen: 6.054 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. -0.00 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:252 Resp: 230556

Ion	Ratio	Lower	Upper
252	100		
253	21.2	15.8	23.8
125	11.4	8.7	13.1



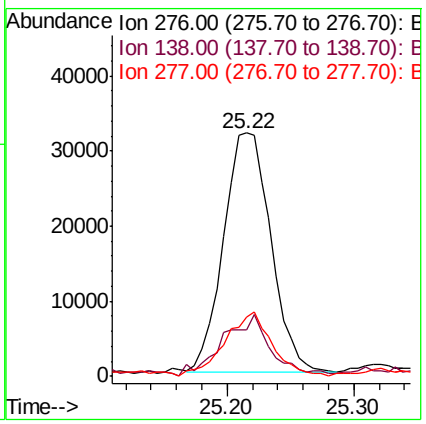


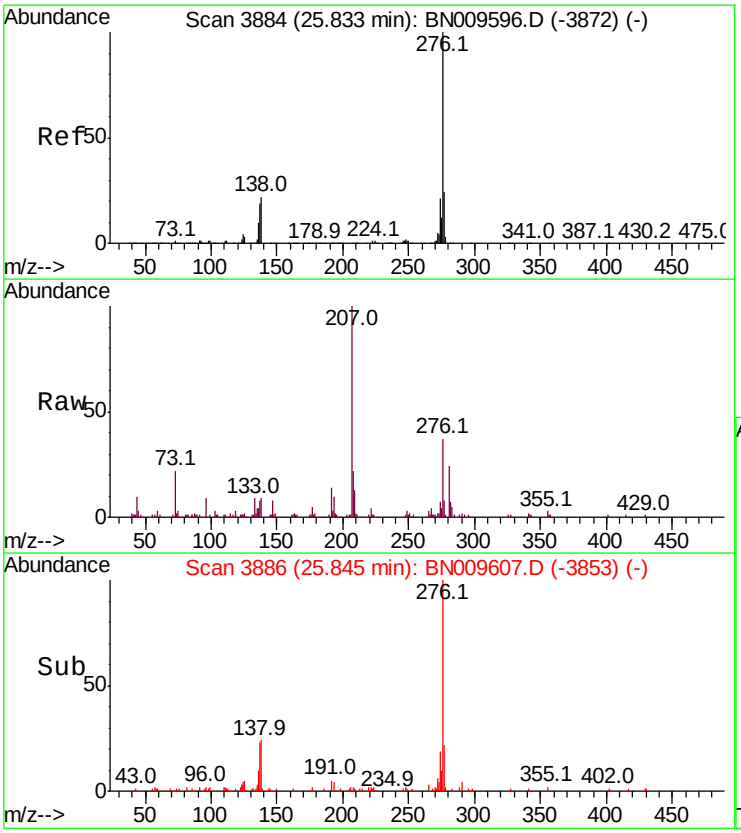
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.819 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Instrument :
BNA_N
ClientSampleId :
GAT49

Tgt Ion:276 Resp: 82362

Ion	Ratio	Lower	Upper
276	100		
138	19.3	20.3	30.5#
277	24.3	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 2.153 ng/ul
RT: 25.84 min Scan# 3886
Delta R.T. -0.01 min
Lab File: BN009607.D
Acq: 06 Feb 2020 13:20

Tgt Ion:276 Resp: 81684

Ion	Ratio	Lower	Upper
276	100		
138	23.5	16.0	24.0
277	22.4	17.0	25.6