Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092319\
Data File : BN007813.D
Acq On : 23 Sep 2019 22:05
Operator : HP/JU
Sample : K4895-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BFDF8

Quant Time: Sep 24 11:10:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 23 15:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	603936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	2442952	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	1596436	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	3414211	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	3685174	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	4136700	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	17722	1.12	ng/uL	0.01
5) Phenol-d5	6.86	99	323378	5.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	736299	22.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	797075	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	552070	12.60	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	487366	27.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	480285	28.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	928794	23.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1456731	28.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3288804	25.89	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	3522341	24.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	132602	5.87	ng/ul	0.00
57) Fluorene-d10	15.31	176	2838415	25.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	465085	25.24	ng/ul	0.00
70) Anthracene-d10	17.16	188	5036552	29.63	ng/ul	0.00
78) Pyrene-d10	19.46	212	6239601	31.44	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6670698	30.99	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.51	128	6569675	47.690	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	3184864	32.018	ng/ul	99
40) 1,1'-Biphenyl	13.15	154	161145	1.244	ng/ul	96
44) Dimethylphthalate	13.77	163	194760	1.504	ng/ul	100
49) Acenaphthene	14.38	153	122656	1.138	ng/ul	100
58) Fluorene	15.37	166	137482	1.093	ng/ul	99
69) Phenanthrene	17.10	178	352449	1.741	ng/ul	98
74) Carbazole	17.46	167	237299	1.384	ng/ul	99

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

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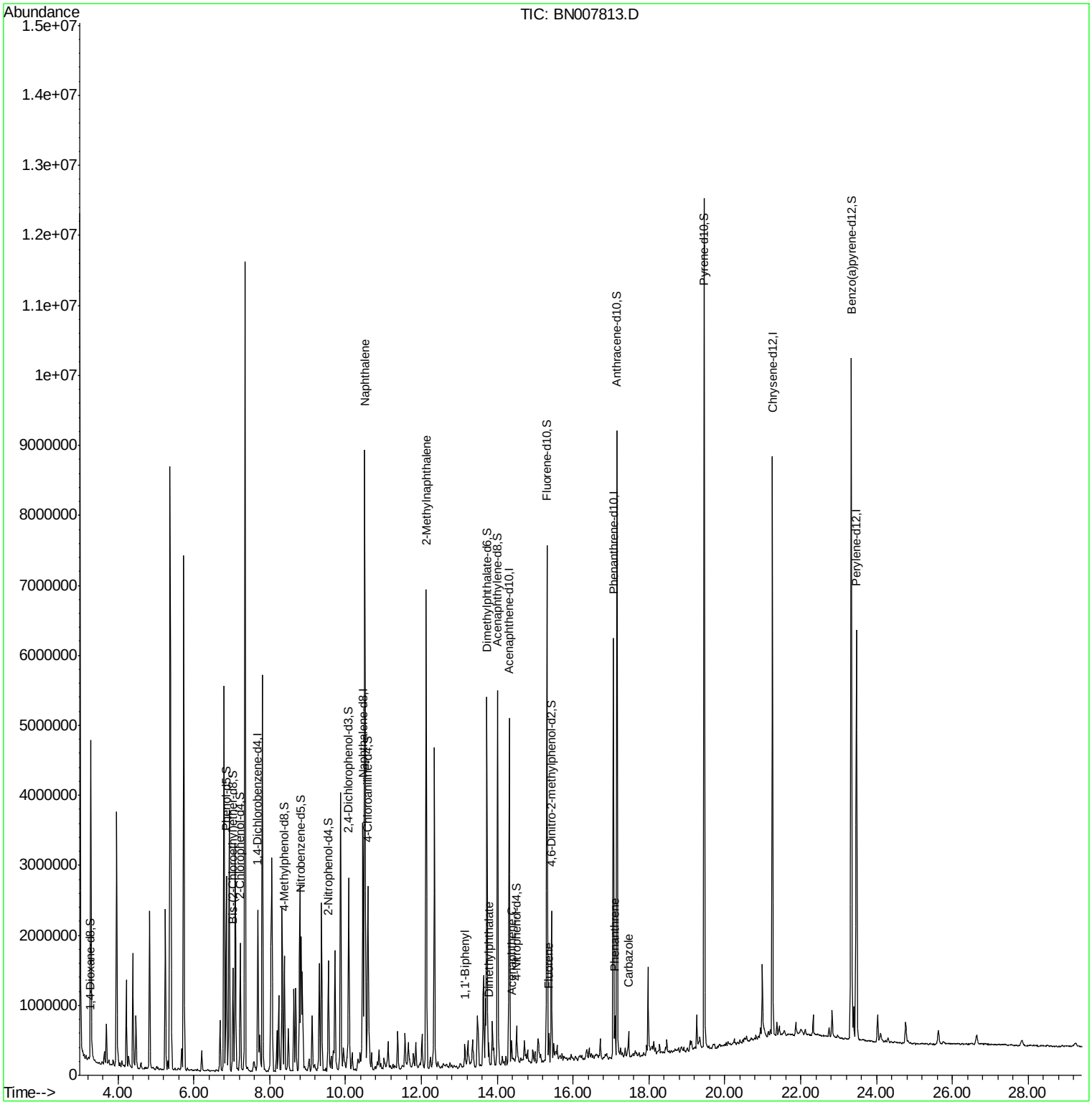
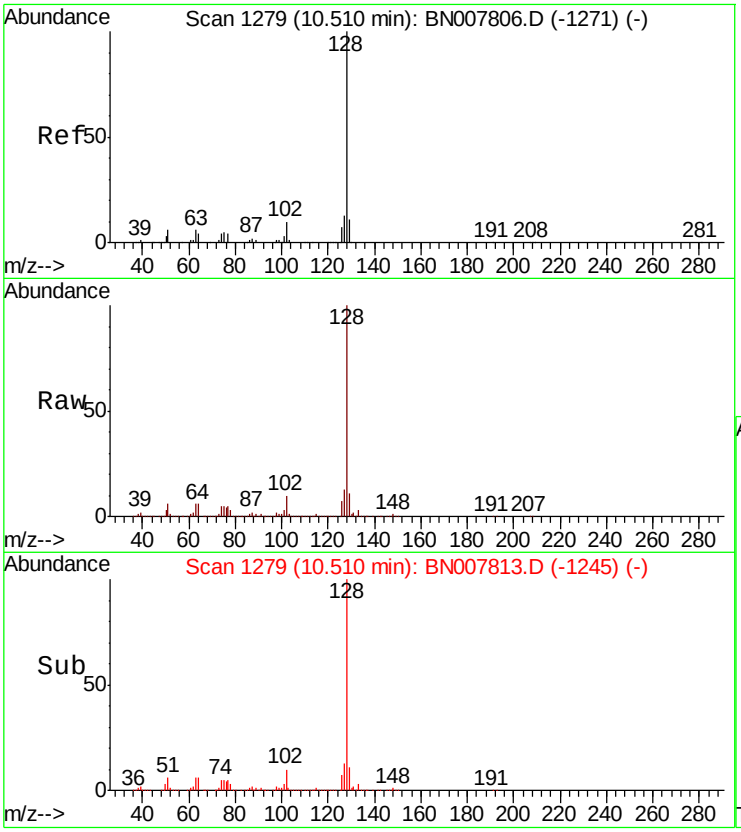


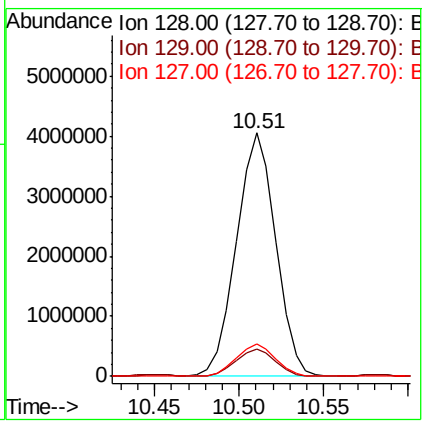


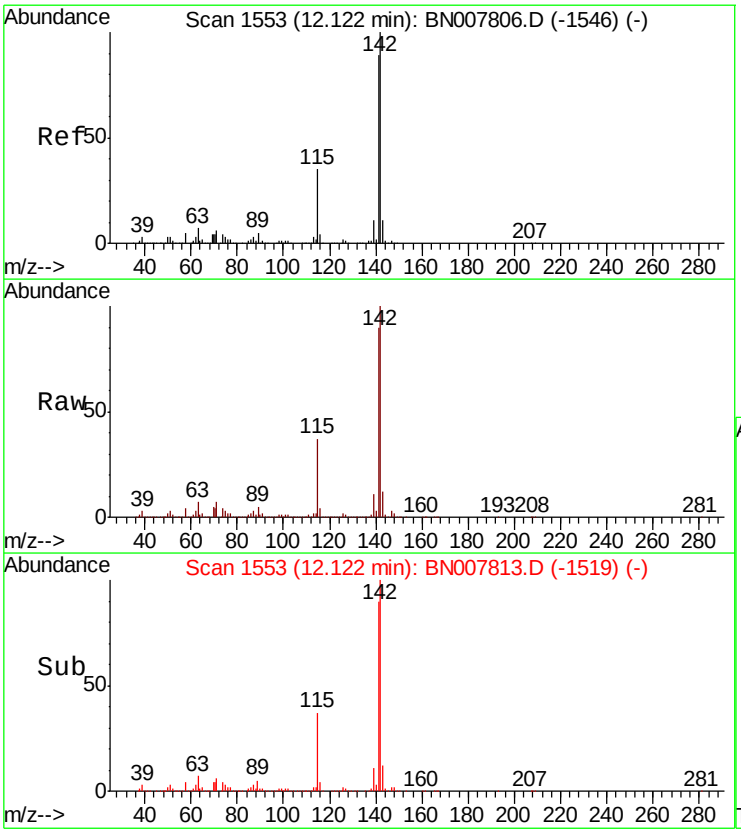
#28
Naphthalene
Concen: 47.690 ng/ul
RT: 10.51 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

Instrument :
BNA_N
ClientSampleId :
BFDF8

Tgt Ion:128 Resp: 6569675

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.4	11.0	16.4

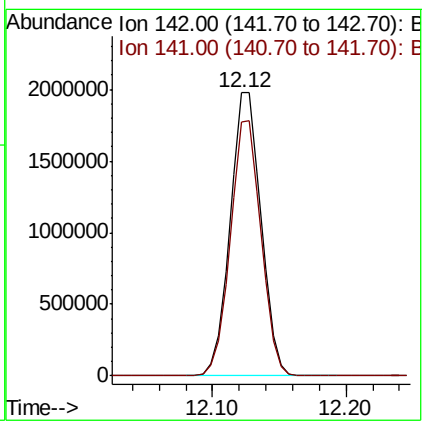


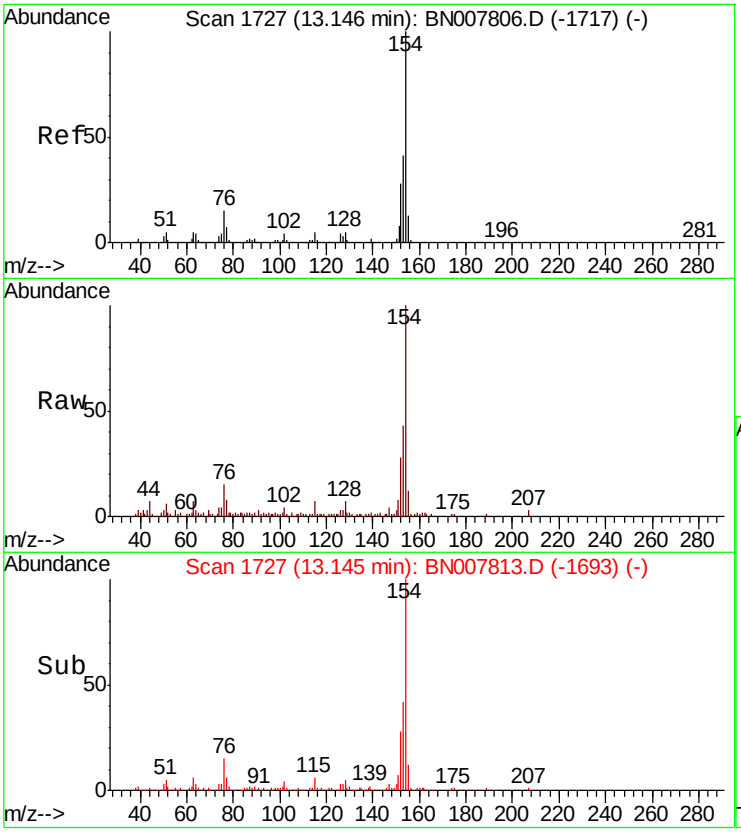


#34
2-Methylnaphthalene
Concen: 32.018 ng/ul
RT: 12.12 min Scan# 1553
Delta R.T. -0.00 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

Tgt Ion:142 Resp: 3184864

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.2	106.8



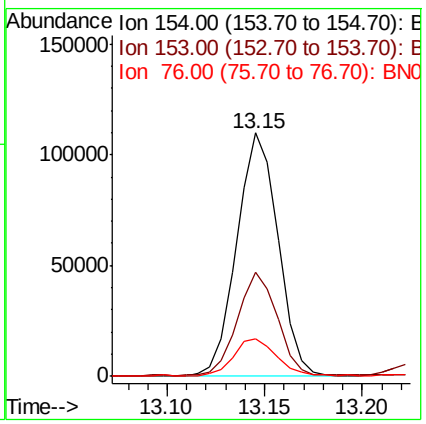


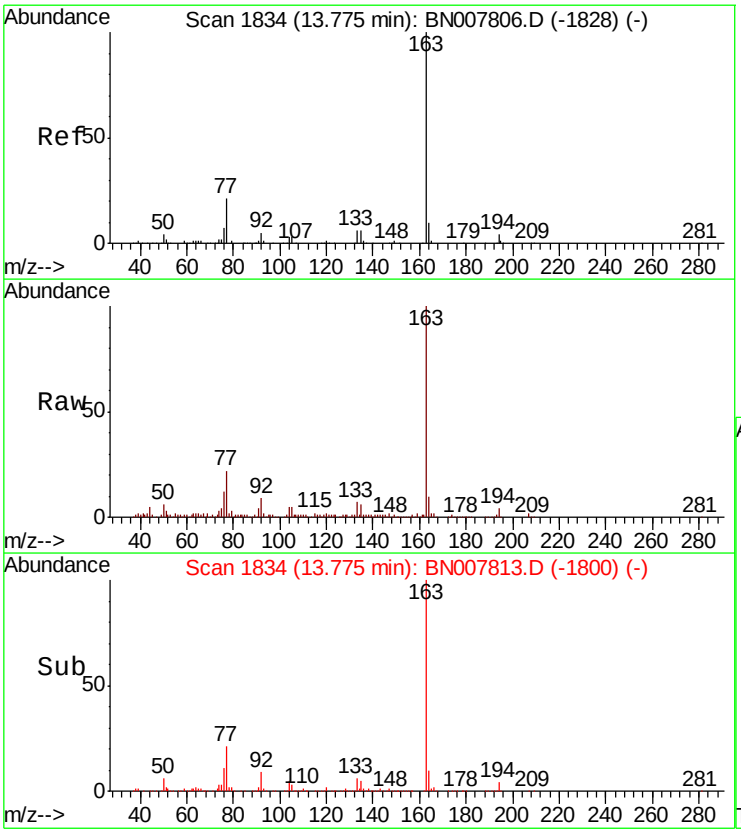
#40
1,1'-Biphenyl
Concen: 1.244 ng/ul
RT: 13.15 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

Instrument :
BNA_N
ClientSampleId :
BFDF8

Tgt Ion:154 Resp: 161145

Ion	Ratio	Lower	Upper
154	100		
153	42.7	31.9	47.9
76	15.3	12.9	19.3

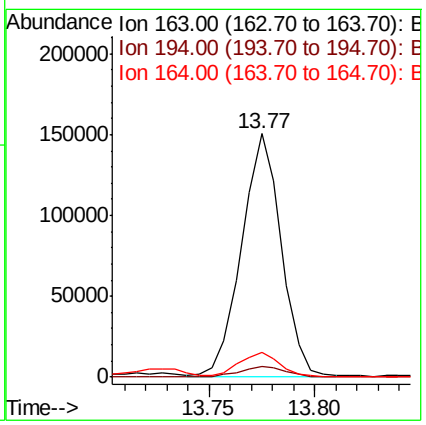


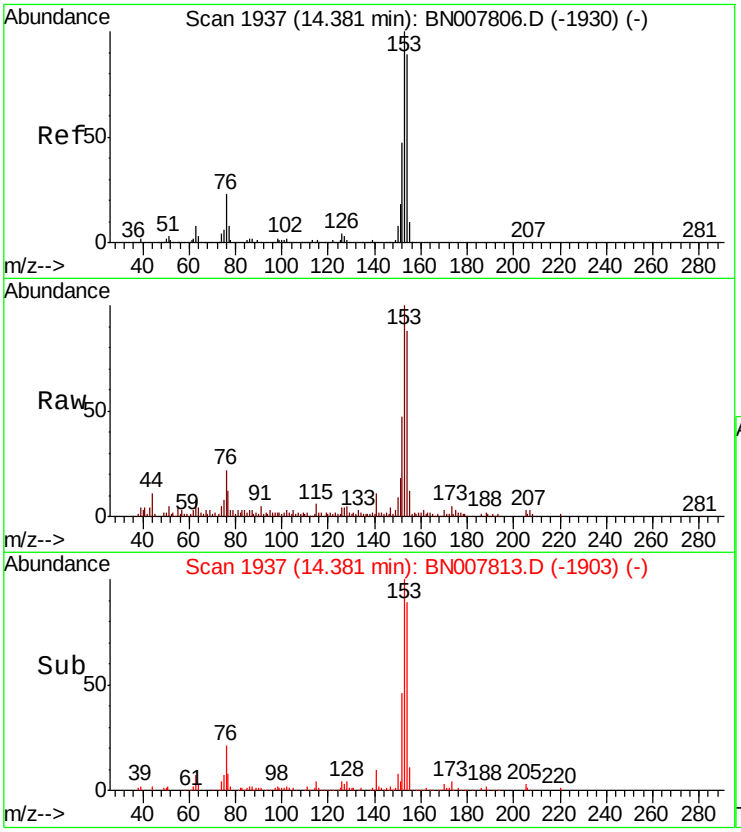


#44
Dimethylphthalate
Concen: 1.504 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

Tgt Ion:163 Resp: 194760

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.4	8.4	12.6



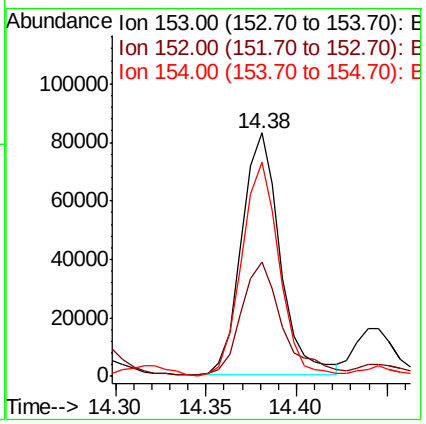


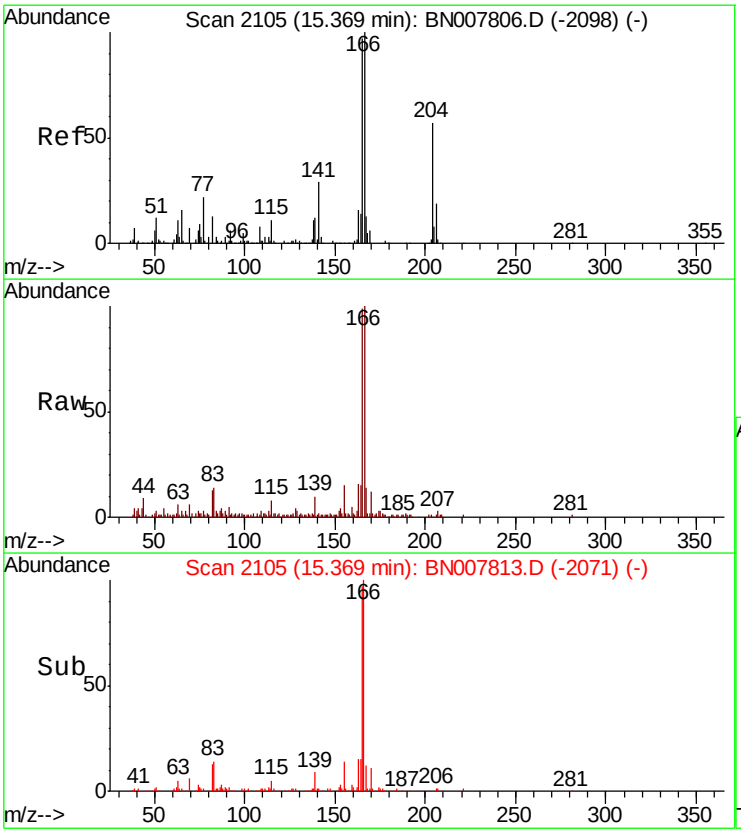
#49
Acenaphthene
Concen: 1.138 ng/ul
RT: 14.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

Instrument :
BNA_N
ClientSampleId :
BFDF8

Tgt Ion:153 Resp: 122656

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.8	56.8
154	88.0	70.3	105.5

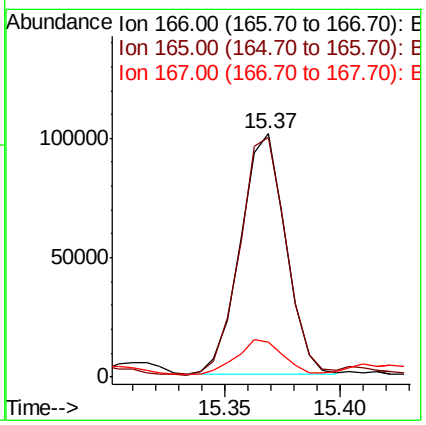


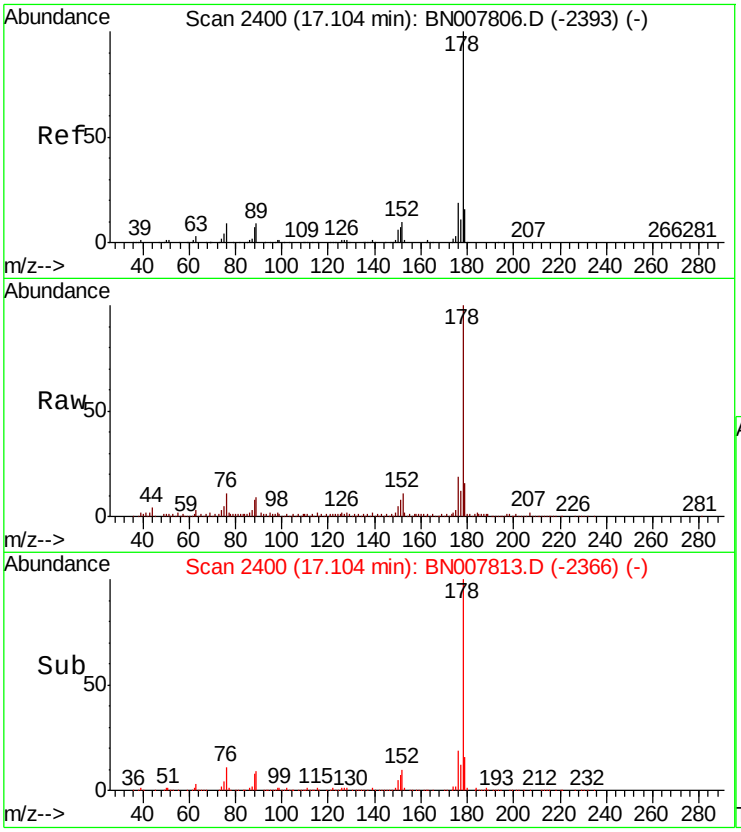


#58
Fluorene
Concen: 1.093 ng/ul
RT: 15.37 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

Tgt Ion:166 Resp: 137482

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.6	118.0
167	14.2	10.8	16.2



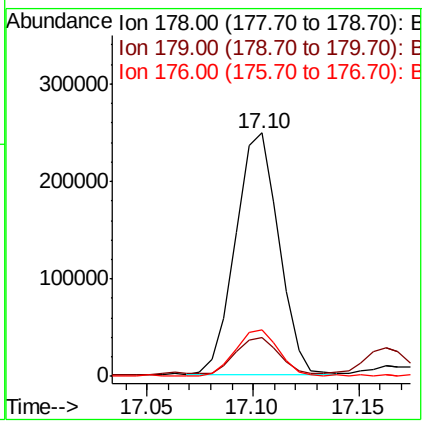


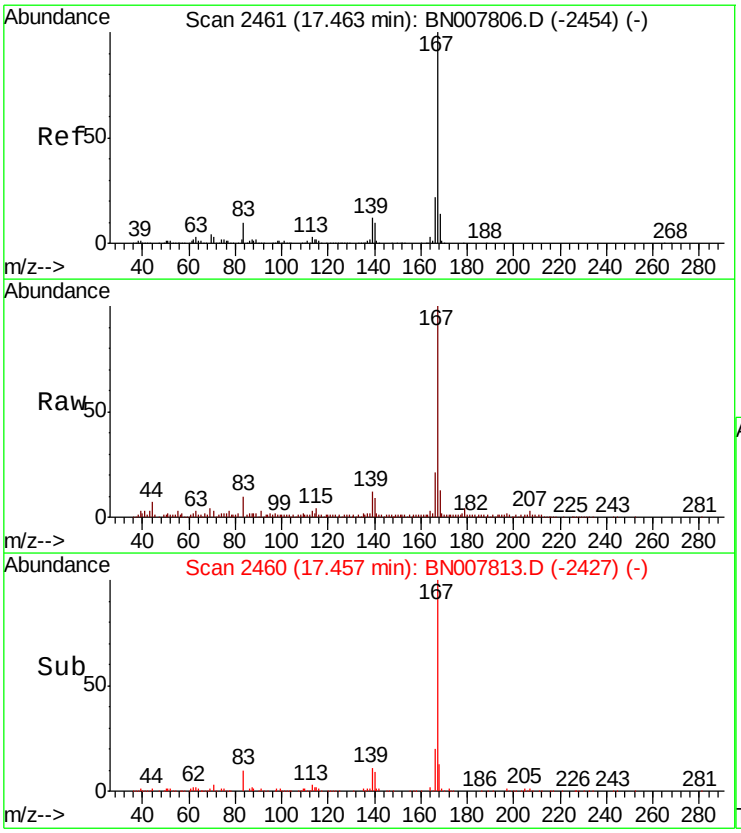
#69
Phenanthrene
Concen: 1.741 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. -0.00 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

Instrument :
BNA_N
ClientSampleId :
BFDF8

Tgt Ion:178 Resp: 352449

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.9	17.9
176	19.2	15.2	22.8





#74
Carbazole
Concen: 1.384 ng/ul
RT: 17.46 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BN007813.D
Acq: 23 Sep 2019 22:05

Tgt Ion:167 Resp: 237299

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.4
139	12.3	10.1	15.1