Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010388.D
Acq On : 02 Apr 2020 12:33
Operator : CG/JU
Sample : L2065-14DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF10DL

Quant Time: Apr 02 13:10:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 17:35:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	448611	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2003043	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1359448	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3145891	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3556406	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3965773	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	7178	0.76	ng/uL	0.00
5) Phenol-d5	6.79	99	142617	3.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	316785	16.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	406188	13.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	281048	8.89	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	245467	16.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	255307	16.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	512860	15.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	7315	0.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	1920978	18.73	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	2139937	17.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	59151	3.07	ng/ul	0.00
58) Fluorene-d10	15.23	176	1723016	19.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	235512	13.07	ng/ul	0.00
71) Anthracene-d10	17.08	188	2782130	19.26	ng/ul	0.00
79) Pyrene-d10	19.38	212	3299889	18.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	3869664	19.61	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.42	128	5592894	51.903	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	915893	11.699	ng/ul	95
41) 1,1'-Biphenyl	13.06	154	457747	4.425	ng/ul	98
50) Acenaphthene	14.30	153	2985595	33.620	ng/ul	97
54) Dibenzofuran	14.63	168	2468529	19.735	ng/ul	97
59) Fluorene	15.29	166	2059153	20.228	ng/ul	99
70) Phenanthrene	17.02	178	7327007	42.033	ng/ul	99
72) Anthracene	17.11	178	347024	1.991	ng/ul	99
75) Carbazole	17.38	167	500812	3.454	ng/ul	99
77) Fluoranthene	19.05	202	2007050	10.811	ng/ul	98
80) Pyrene	19.41	202	1220445	5.132	ng/ul	95

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBF10DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
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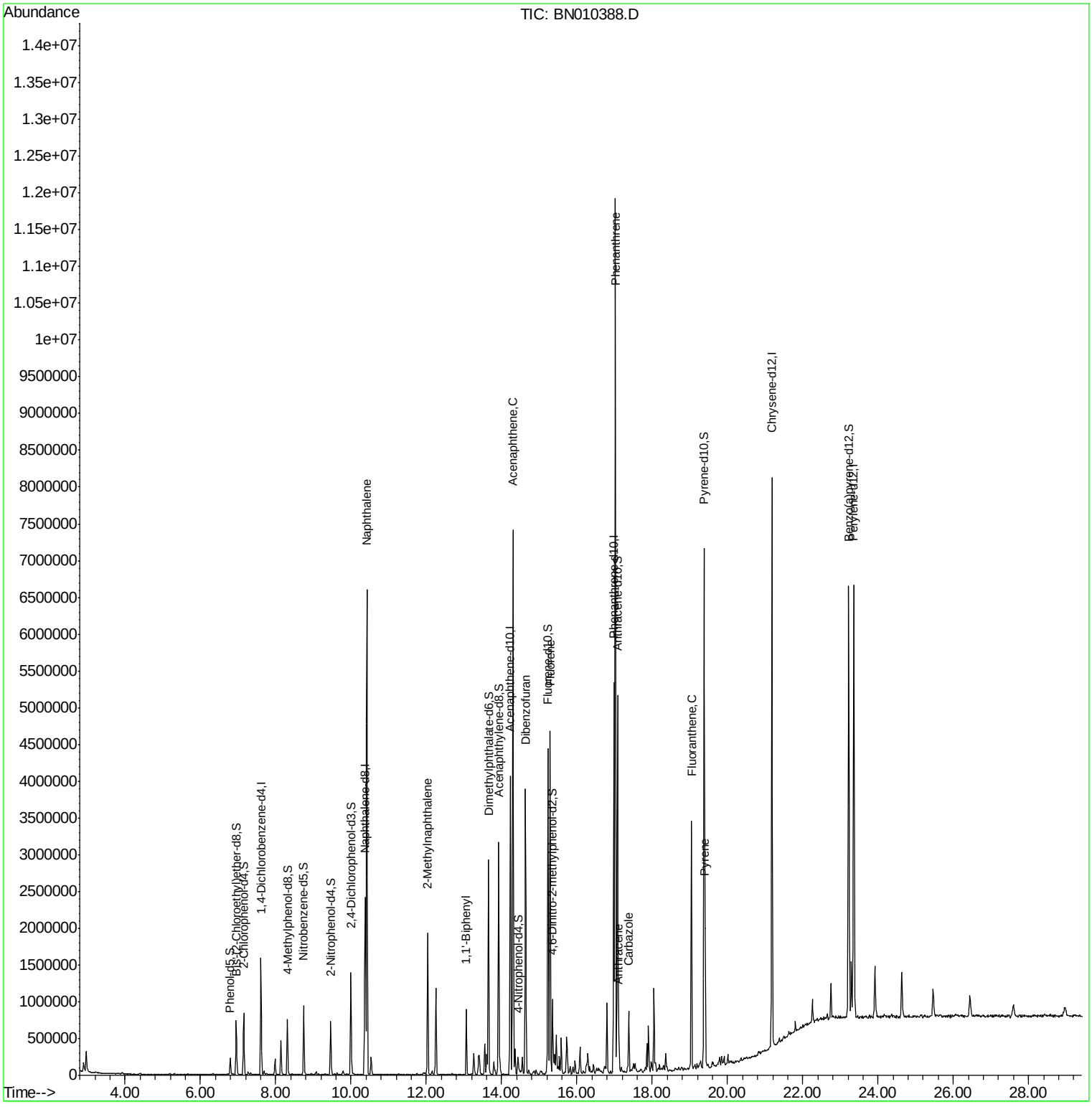
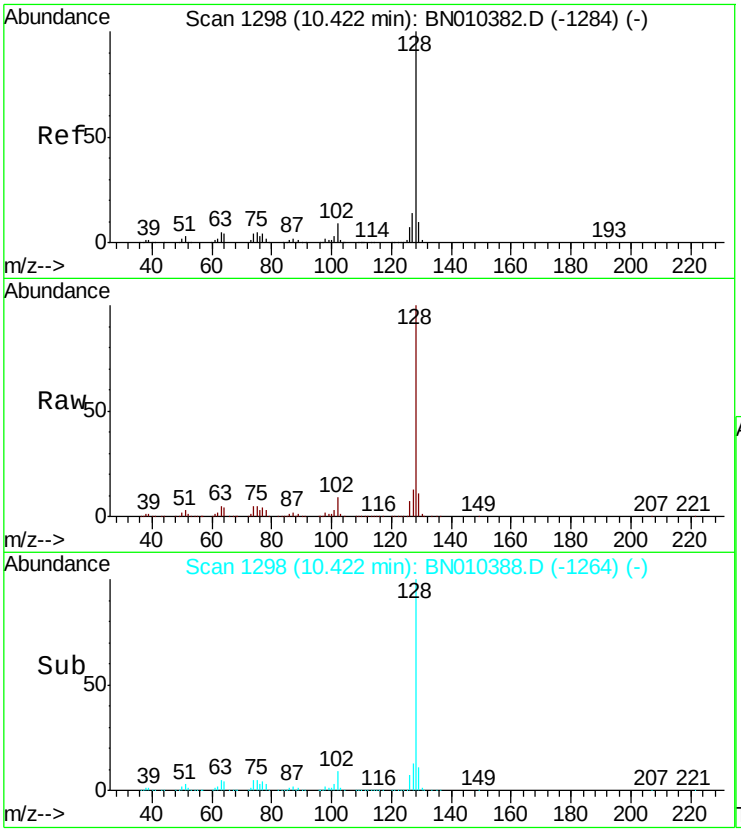


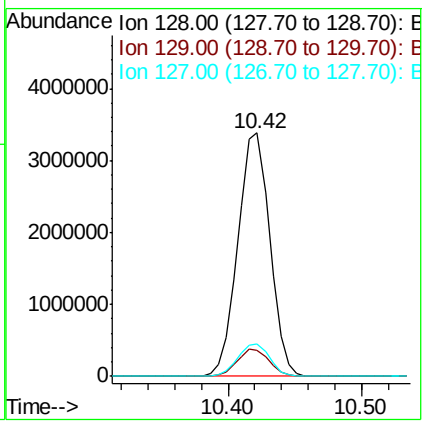


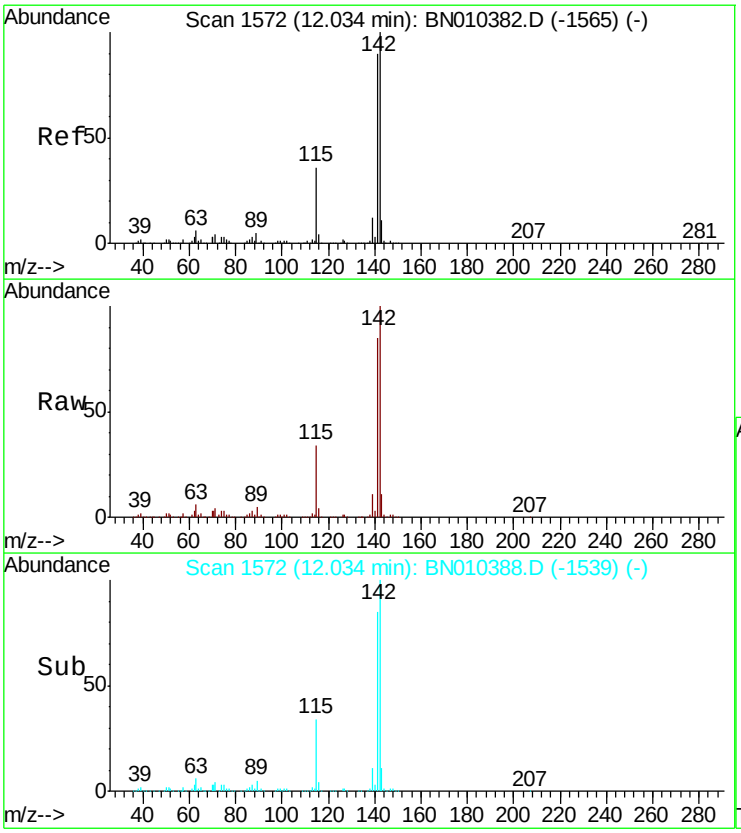
#28
Naphthalene
Concen: 51.903 ng/ul
RT: 10.42 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Instrument :
BNA_N
ClientSampleId :
DBF10DL

Tgt Ion:128 Resp: 5592894

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.3	10.8	16.2

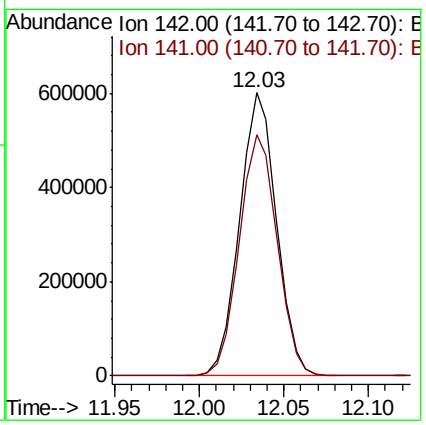


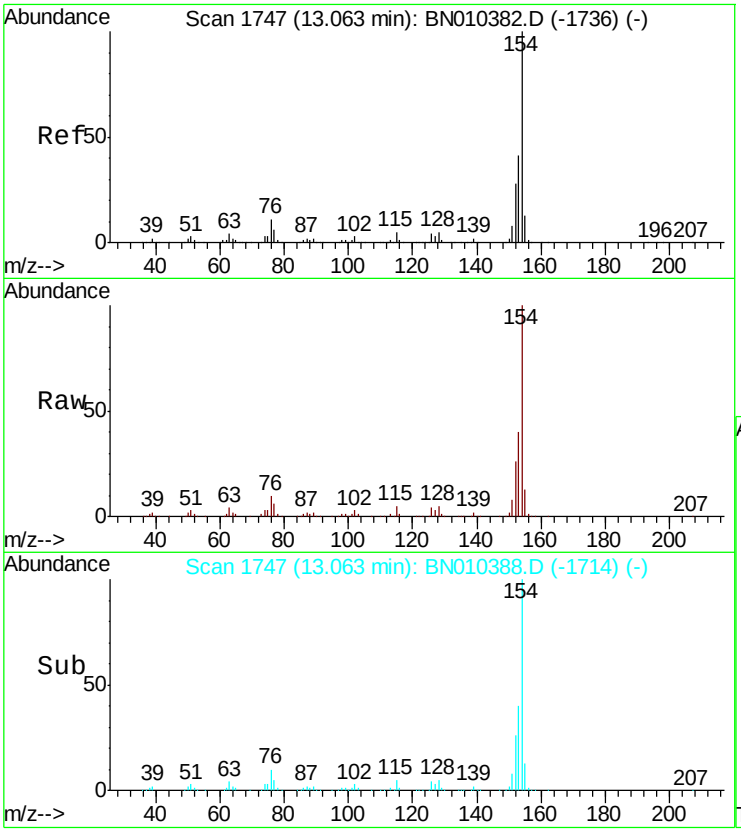


#34
2-Methylnaphthalene
Concen: 11.699 ng/ul
RT: 12.03 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Tgt Ion:142 Resp: 915893

Ion	Ratio	Lower	Upper
142	100		
141	85.4	72.1	108.1



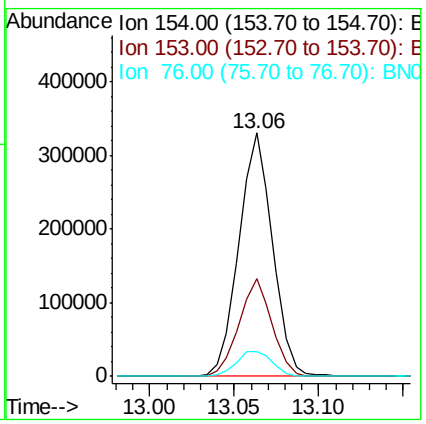


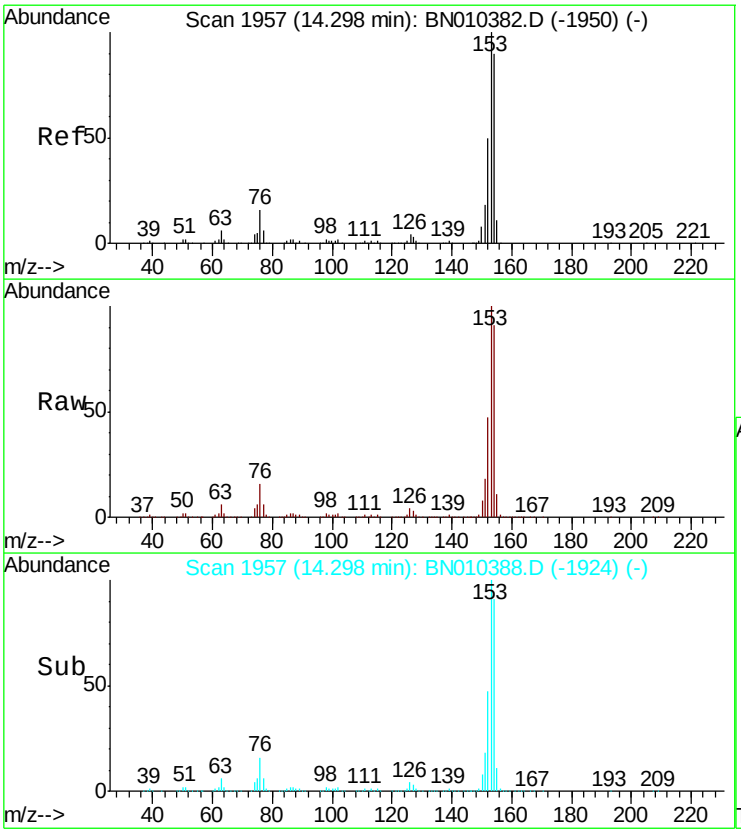
#41
1,1'-Biphenyl
Concen: 4.425 ng/ul
RT: 13.06 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Instrument :
BNA_N
ClientSampleId :
DBF10DL

Tgt Ion:154 Resp: 457747

Ion	Ratio	Lower	Upper
154	100		
153	40.1	32.6	49.0
76	10.3	9.4	14.2

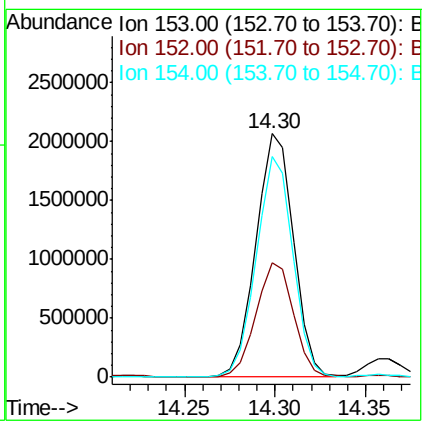


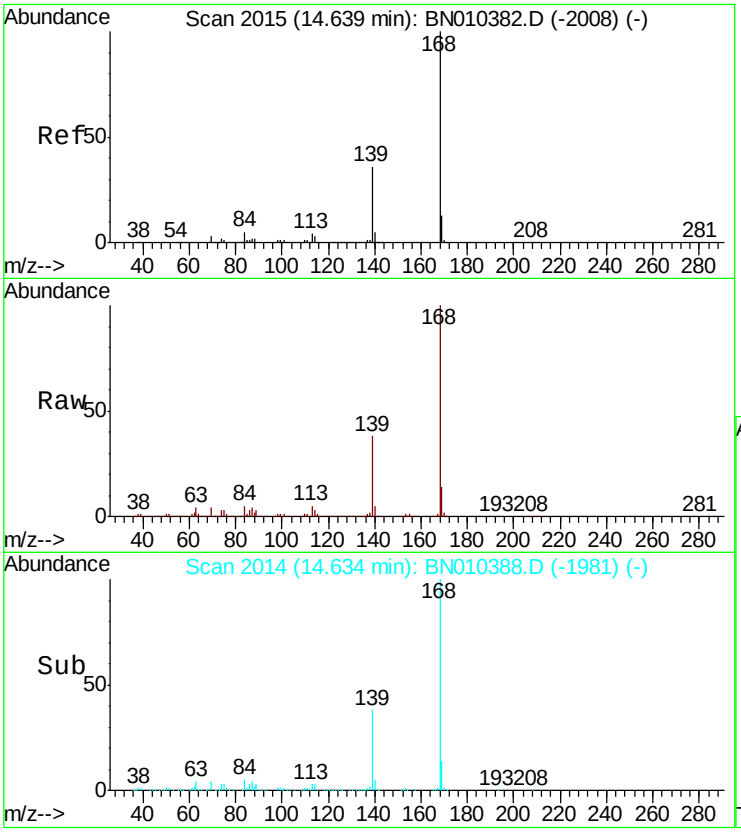


#50
Acenaphthene
Concen: 33.620 ng/ul
RT: 14.30 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Tgt Ion:153 Resp: 2985595

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.8	56.6
154	90.6	69.1	103.7



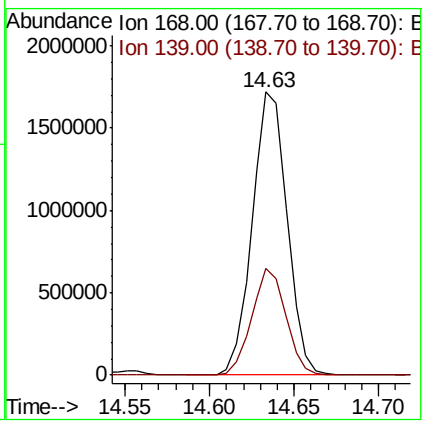


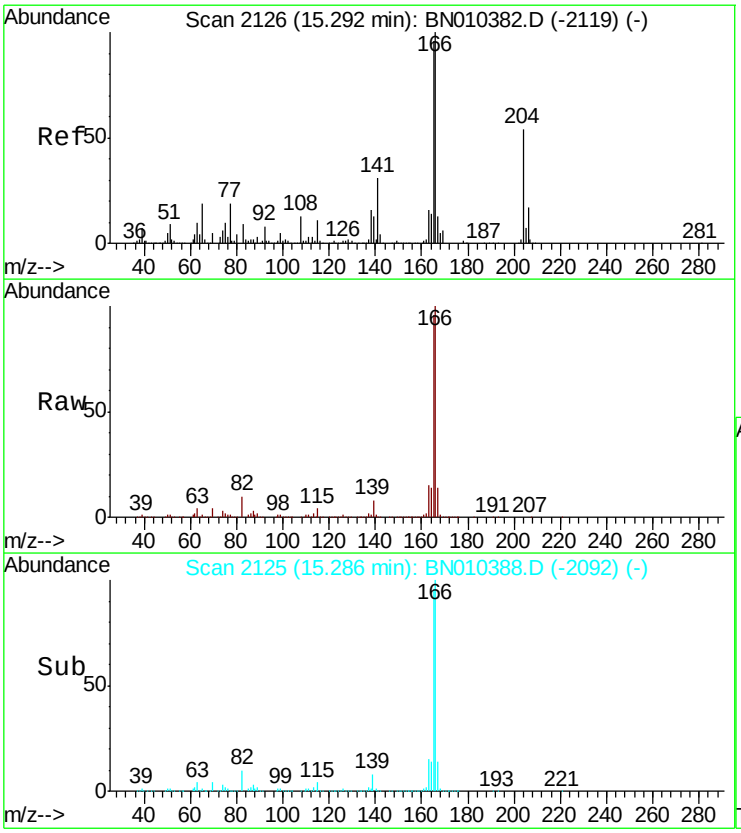
#54
Dibenzofuran
Concen: 19.735 ng/ul
RT: 14.63 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Instrument :
BNA_N
ClientSampleId :
DBF10DL

Tgt Ion:168 Resp: 2468529

Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.0	43.4

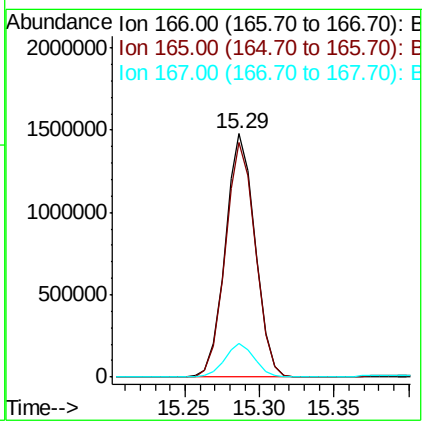


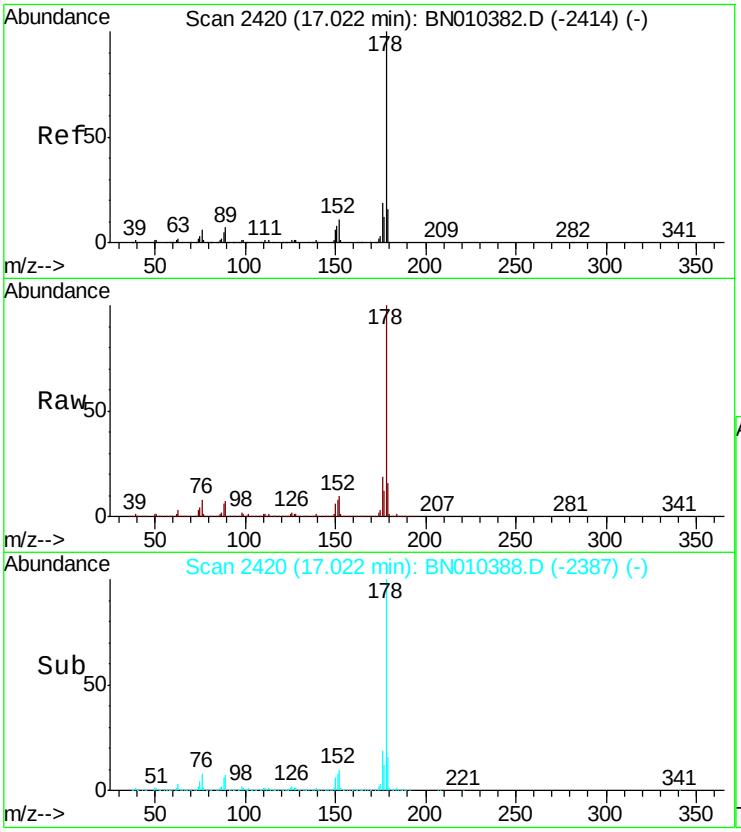


#59
Fluorene
Concen: 20.228 ng/ul
RT: 15.29 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Tgt Ion:166 Resp: 2059153

Ion	Ratio	Lower	Upper
166	100		
165	96.5	77.6	116.4
167	13.8	10.7	16.1



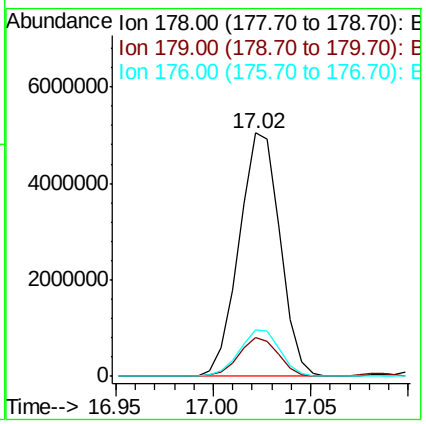


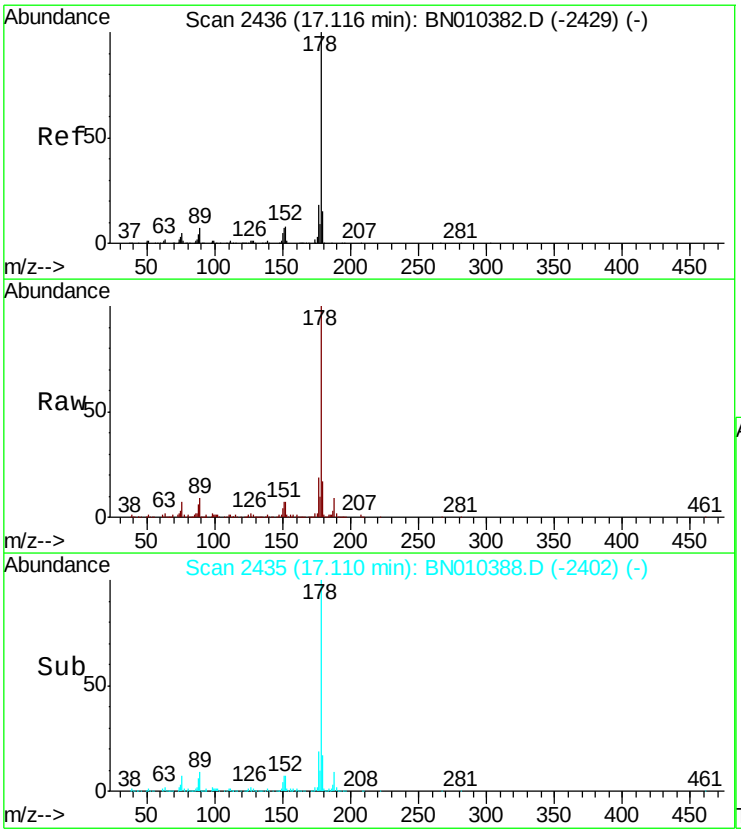
#70
Phenanthrene
Concen: 42.033 ng/ul
RT: 17.02 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Instrument :
BNA_N
ClientSampleId :
DBF10DL

Tgt Ion:178 Resp: 7327007

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.9	17.9
176	19.1	15.4	23.2

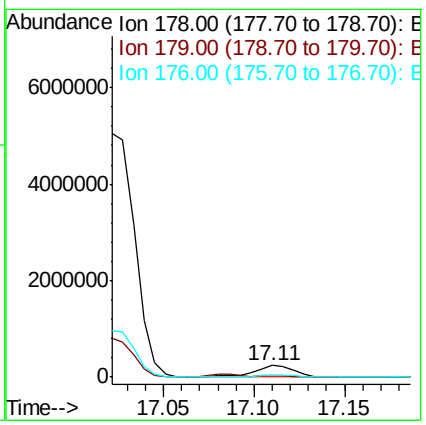


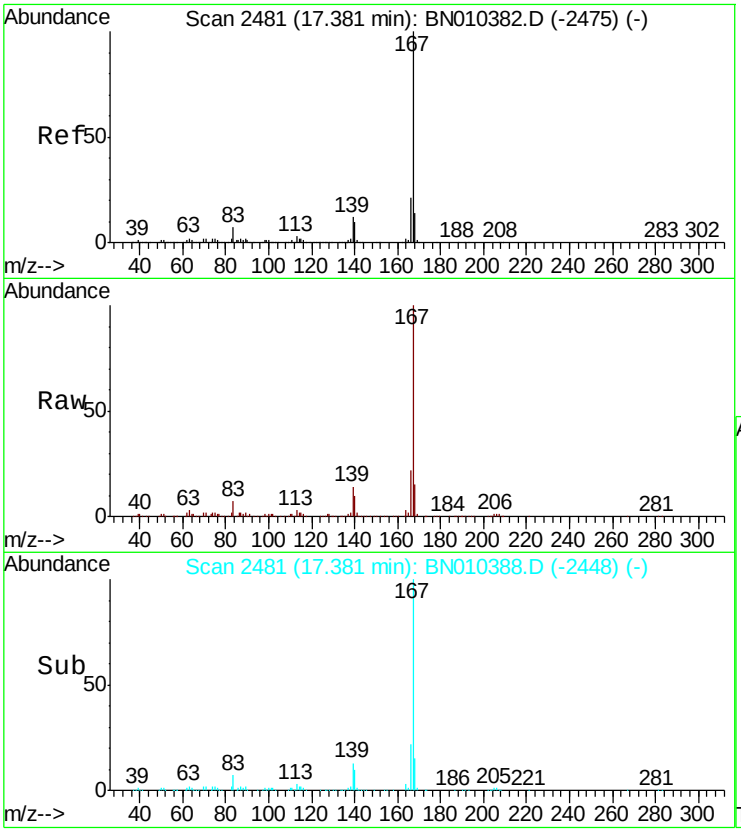


#72
Anthracene
Concen: 1.991 ng/ul
RT: 17.11 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Tgt Ion:178 Resp: 347024

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	19.3	15.2	22.8



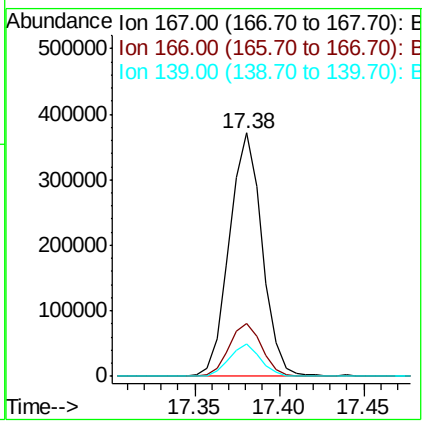


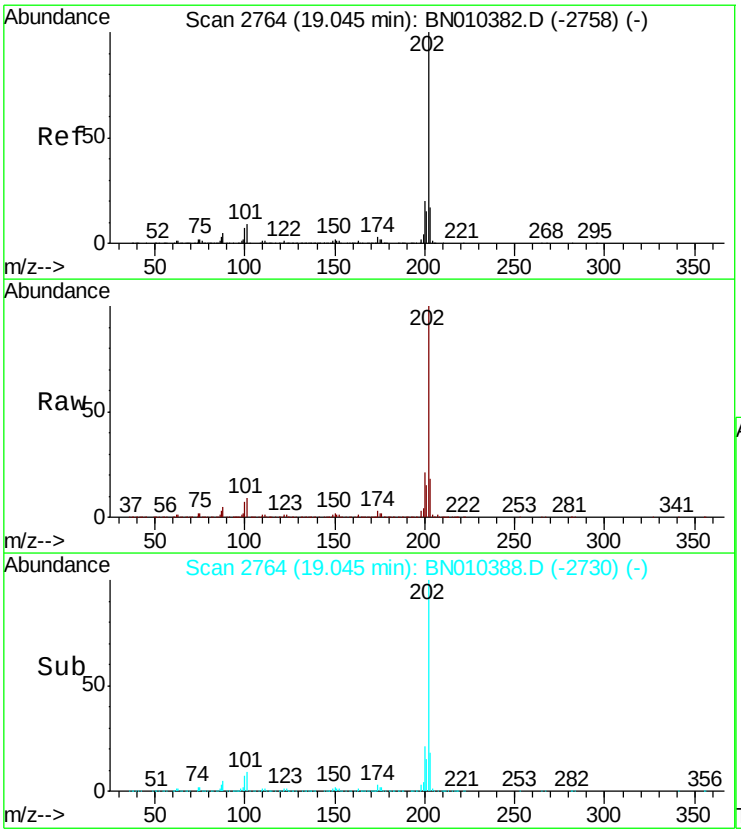
#75
Carbazole
Concen: 3.454 ng/ul
RT: 17.38 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Instrument :
BNA_N
ClientSampleId :
DBF10DL

Tgt Ion:167 Resp: 500812

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.5	10.0	15.0

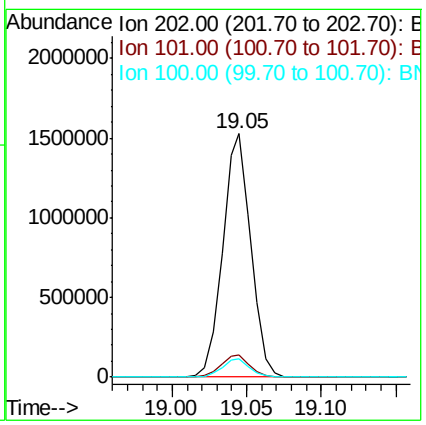


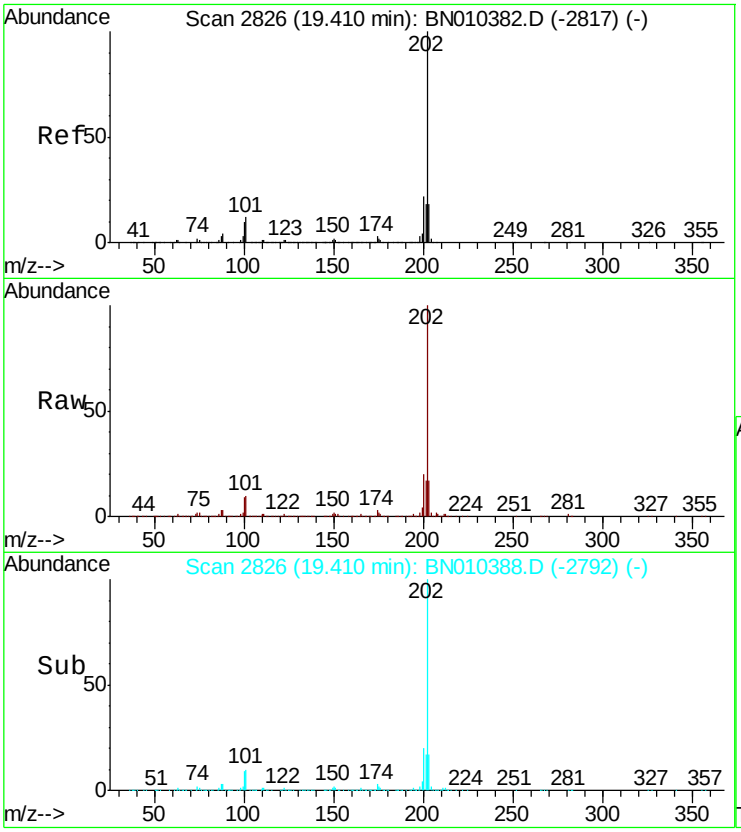


#77
Fluoranthene
Concen: 10.811 ng/ul
RT: 19.05 min Scan# 2764
Delta R.T. 0.00 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Tgt Ion:202 Resp: 2007050

Ion	Ratio	Lower	Upper
202	100		
101	9.2	8.1	12.1
100	7.3	6.2	9.4





#80
Pyrene
Concen: 5.132 ng/ul
RT: 19.41 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BN010388.D
Acq: 02 Apr 2020 12:33

Instrument :
BNA_N
ClientSampleId :
DBF10DL

Tgt Ion:202 Resp: 1220445

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.6	14.4
100	8.6	8.1	12.1