Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
Data File : BN010393.D
Acq On : 02 Apr 2020 15:32
Operator : CG/JU
Sample : L2065-10DL2 200X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBF06DL2

Quant Time: Apr 02 16:11:52 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	385831	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1692505	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1210174	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	2832086	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3335976	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	3671509	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.79	99	1420	0.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	3443	0.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	3967	0.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	2079	0.08	ng/ul	-0.01
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.99	165	4110	0.15	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.65	166	17435	0.19	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	17594	0.16	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.23	176	15071	0.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	552	0.03	ng/ul	0.00
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	19.37	212	32679	0.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	36101	0.20	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.42	128	6128396	67.308	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	556135	8.407	ng/ul	99
41) 1,1'-Biphenyl	13.06	154	94156	1.022	ng/ul	96
50) Acenaphthene	14.30	153	295524	3.738	ng/ul	99
54) Dibenzofuran	14.63	168	237238	2.131	ng/ul	97
59) Fluorene	15.29	166	113669	1.254	ng/ul	95
70) Phenanthrene	17.02	178	159670	1.017	ng/ul	97
75) Carbazole	17.38	167	231346	1.773	ng/ul	98

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

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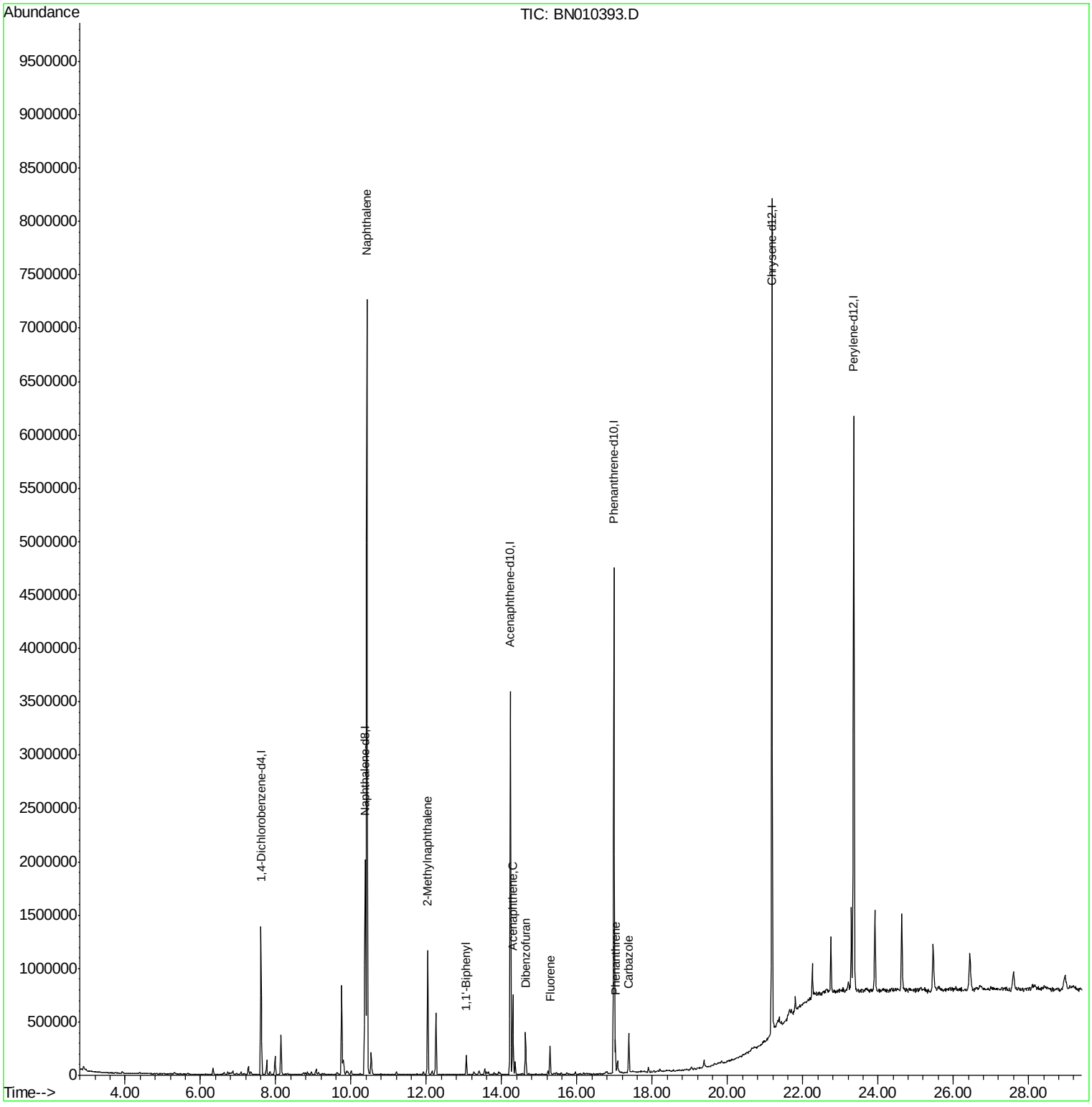
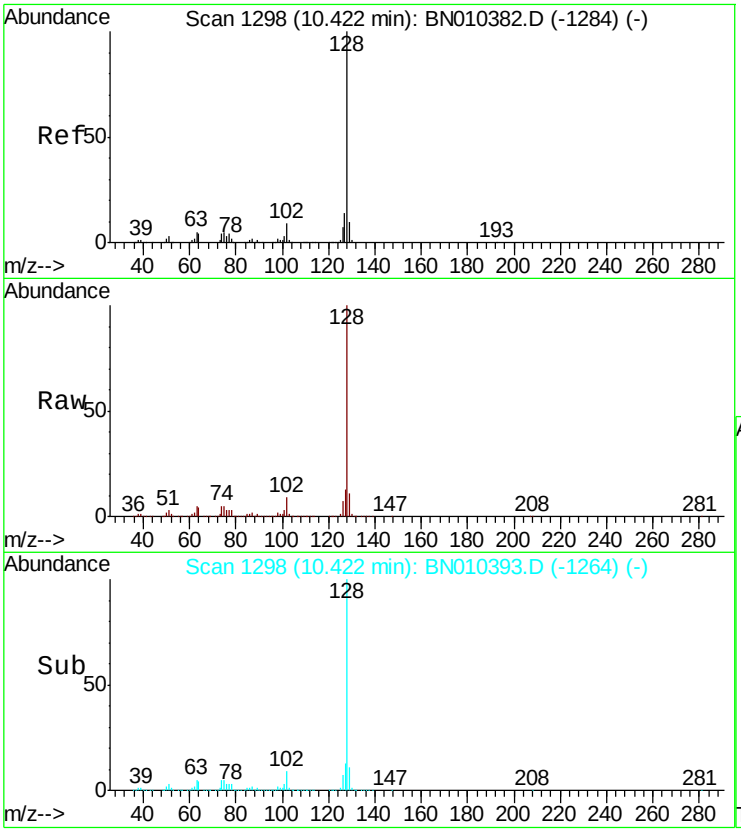


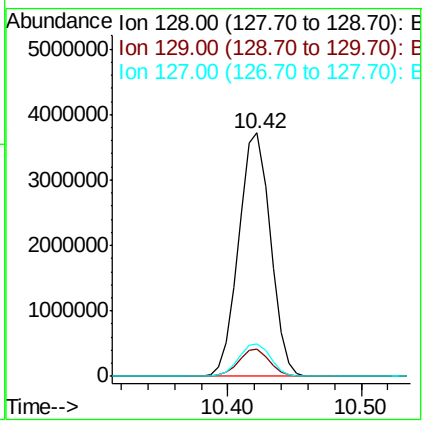


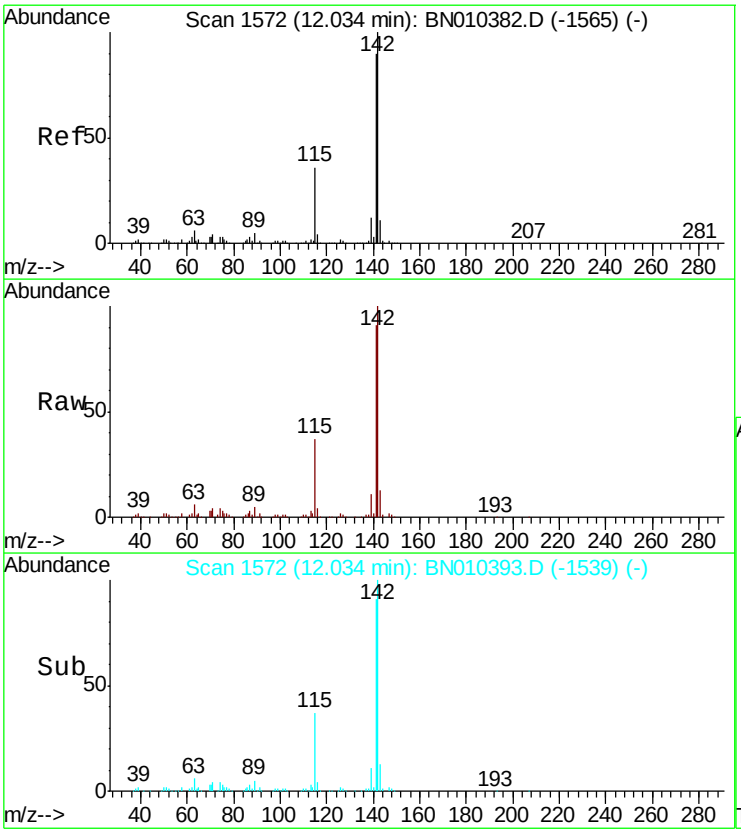
#28
Naphthalene
Concen: 67.308 ng/ul
RT: 10.42 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BN010393.D
Acq: 02 Apr 2020 15:32

Instrument :
BNA_N
ClientSampleId :
DBF06DL2

Tgt Ion:128 Resp: 6128396

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.4	10.8	16.2

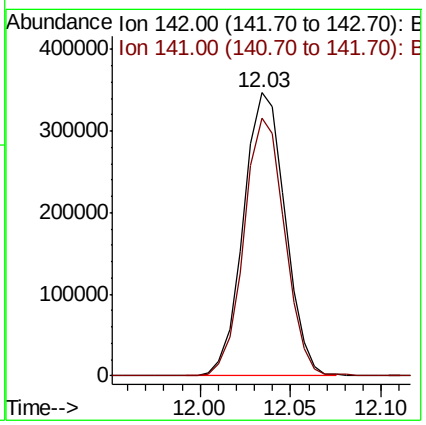


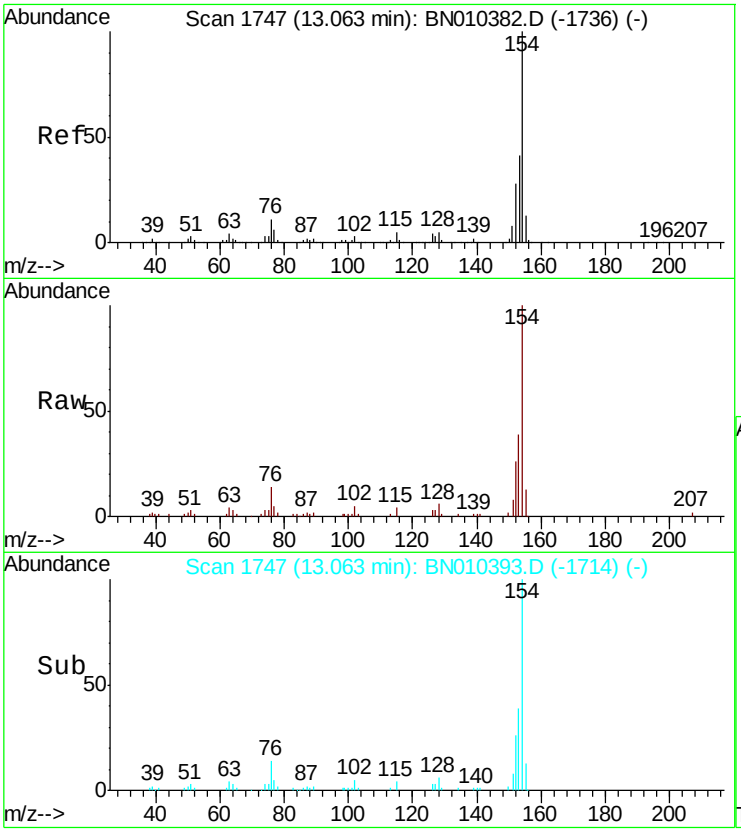


#34
2-Methylnaphthalene
Concen: 8.407 ng/ul
RT: 12.03 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN010393.D
Acq: 02 Apr 2020 15:32

Tgt Ion:142 Resp: 556135

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1



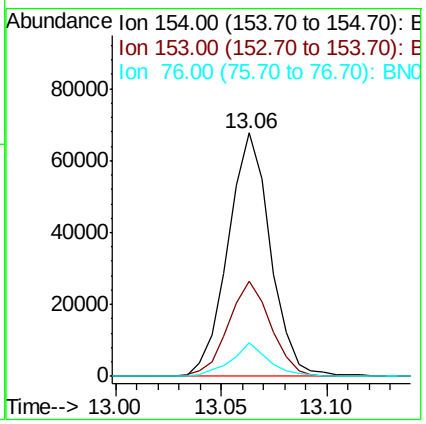


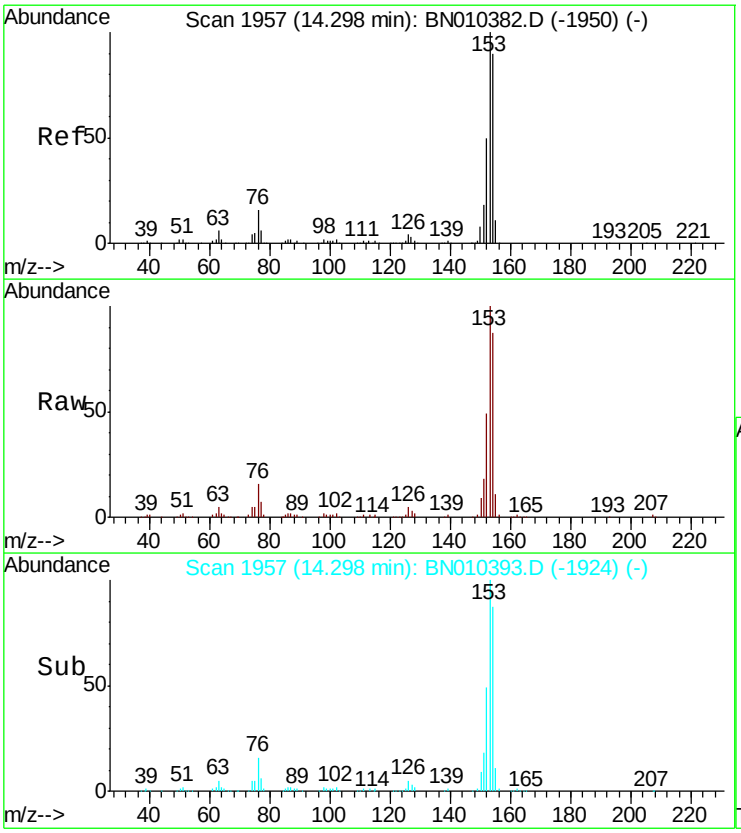
#41
1,1'-Biphenyl
Concen: 1.022 ng/ul
RT: 13.06 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BN010393.D
Acq: 02 Apr 2020 15:32

Instrument :
BNA_N
ClientSampleId :
DBF06DL2

Tgt Ion:154 Resp: 94156

Ion	Ratio	Lower	Upper
154	100		
153	38.9	32.6	49.0
76	13.7	9.4	14.2

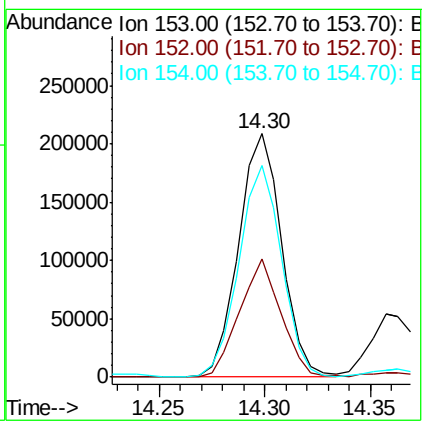


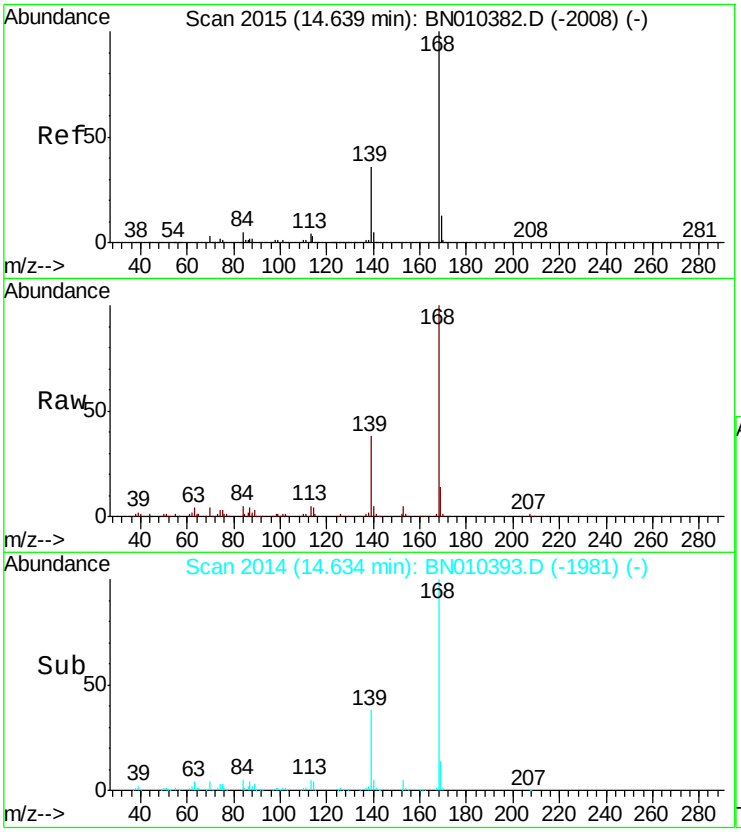


#50
Acenaphthene
Concen: 3.738 ng/ul
RT: 14.30 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN010393.D
Acq: 02 Apr 2020 15:32

Tgt Ion:153 Resp: 295524

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.8	56.6
154	87.1	69.1	103.7



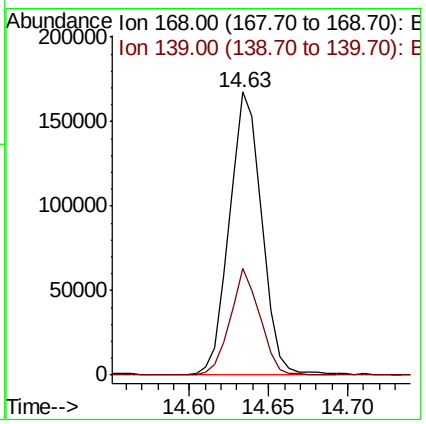


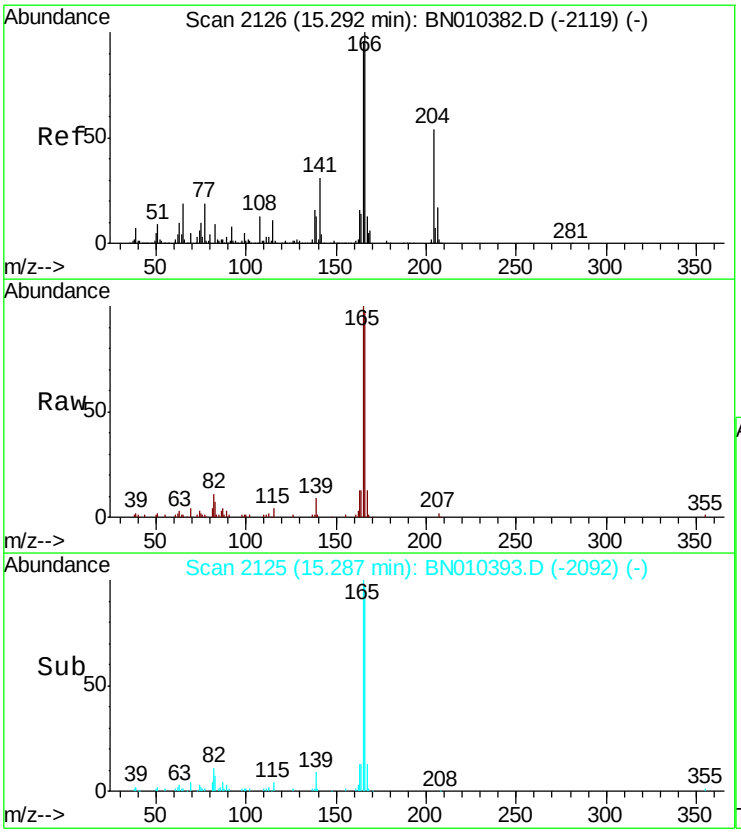
#54
Dibenzofuran
Concen: 2.131 ng/ul
RT: 14.63 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BN010393.D
Acq: 02 Apr 2020 15:32

Instrument :
BNA_N
ClientSampleId :
DBF06DL2

Tgt Ion:168 Resp: 237238

Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.0	43.4

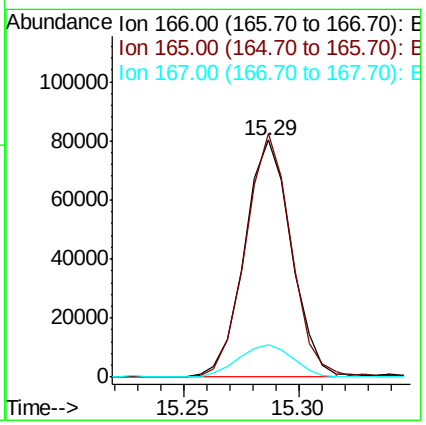


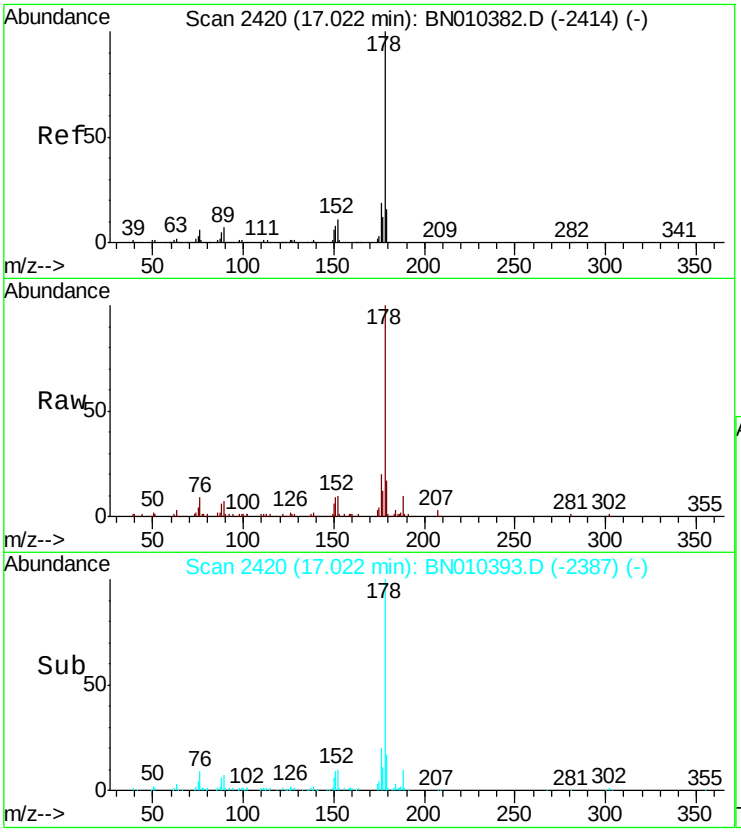


#59
Fluorene
Concen: 1.254 ng/ul
RT: 15.29 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BN010393.D
Acq: 02 Apr 2020 15:32

Tgt Ion:166 Resp: 113669

Ion	Ratio	Lower	Upper
166	100		
165	102.8	77.6	116.4
167	13.6	10.7	16.1



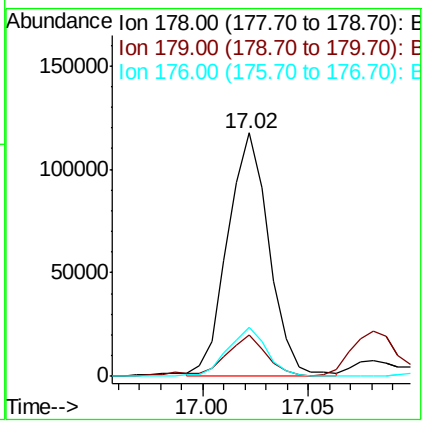


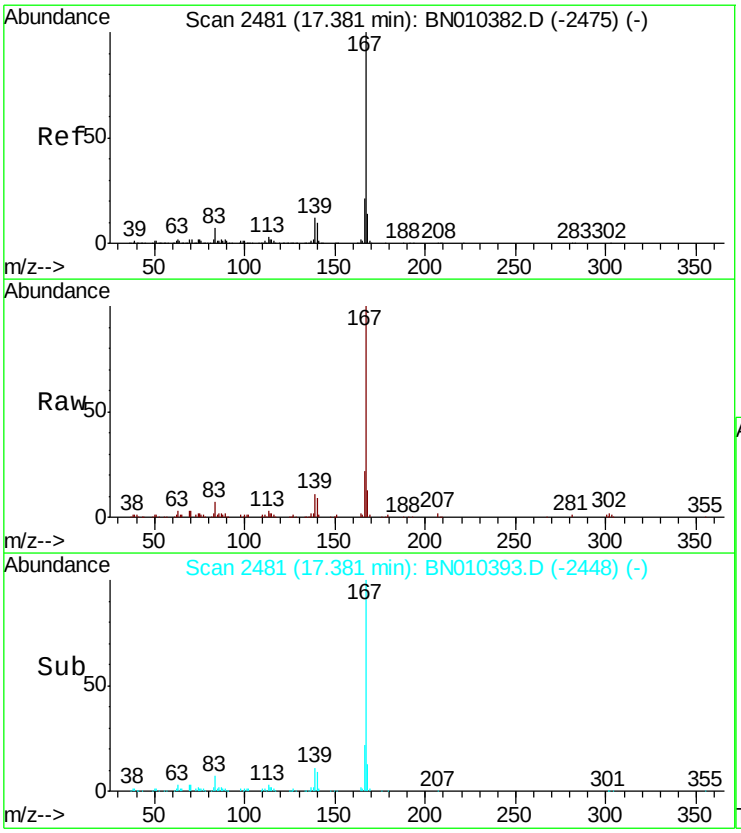
#70
Phenanthrene
Concen: 1.017 ng/ul
RT: 17.02 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BN010393.D
Acq: 02 Apr 2020 15:32

Instrument :
BNA_N
ClientSampleId :
DBF06DL2

Tgt Ion:178 Resp: 159670

Ion	Ratio	Lower	Upper
178	100		
179	17.2	11.9	17.9
176	20.0	15.4	23.2





#75
Carbazole
Concen: 1.773 ng/ul
RT: 17.38 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BN010393.D
Acq: 02 Apr 2020 15:32

Tgt Ion:167 Resp: 231346

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.3	25.9
139	11.4	10.0	15.0