Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012185.D
Acq On : 14 Oct 2020 06:53
Operator : CG/JU
Sample : L4360-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7X2

Quant Time: Oct 14 07:28:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 05:54:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	307494	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1261669	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	772060	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1584583	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1546840	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1566556	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	44703	6.43	ng/uL	0.00
5) Phenol-d5	6.81	99	294364	11.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	378370	23.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	500396	23.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	427617	19.92	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	247379	24.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	283604	24.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	544924	25.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	675174	25.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1733718	27.43	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	2103986	28.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	278	0.02	ng/ul	-0.02
58) Fluorene-d10	15.27	176	1439772	26.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	125748	11.98	ng/ul	0.00
71) Anthracene-d10	17.12	188	2209534	28.49	ng/ul	0.00
79) Pyrene-d10	19.42	212	2420084	29.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2499588	28.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	276653	35.142	ng/uL	99
45) Dimethylphthalate	13.73	163	142579	2.161	ng/ul	99
49) 3-Nitroaniline	14.20	138	12576	1.040	ng/ul#	1
50) Acenaphthene	14.33	153	522825	9.512	ng/ul	98
54) Dibenzofuran	14.67	168	288865	3.774	ng/ul	95
59) Fluorene	15.32	166	194023	3.014	ng/ul	94
65) N-Nitrosodiphenylamine	15.53	169	53663	1.074	ng/ul#	87

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

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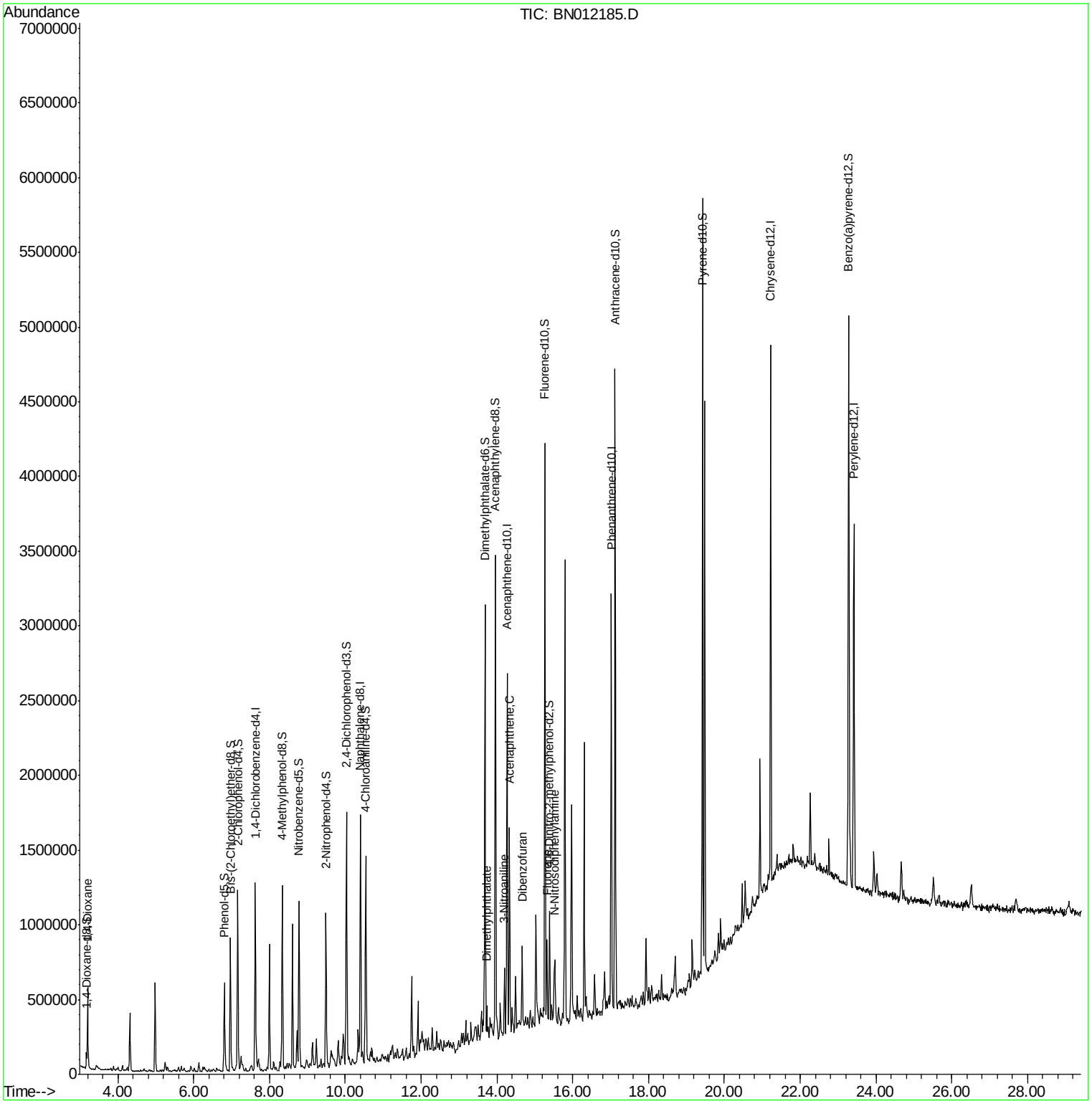
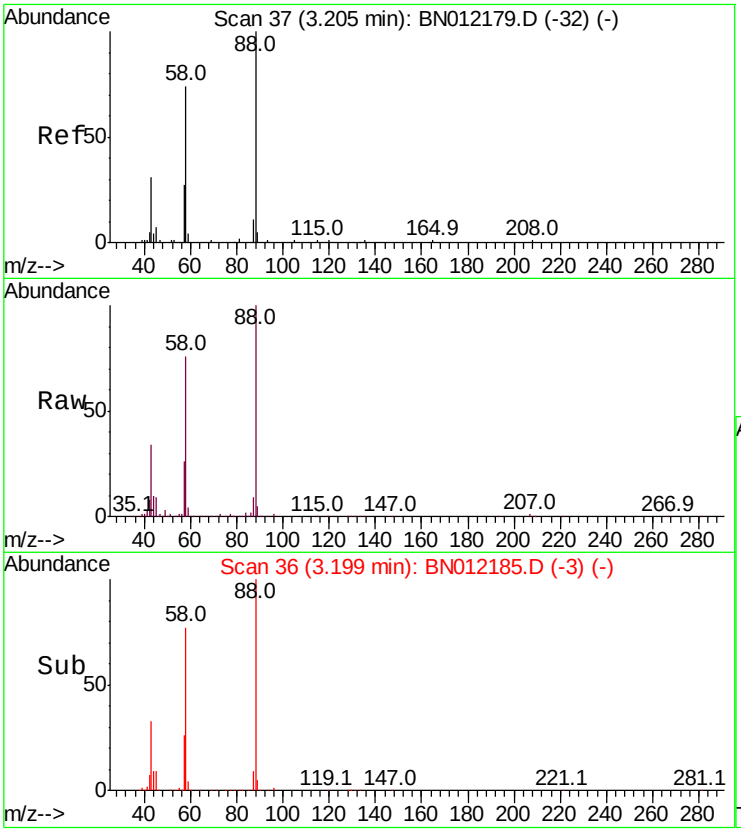


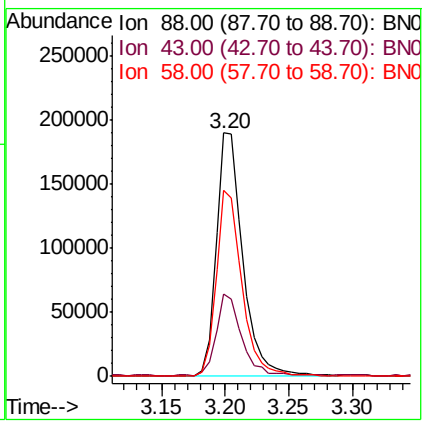


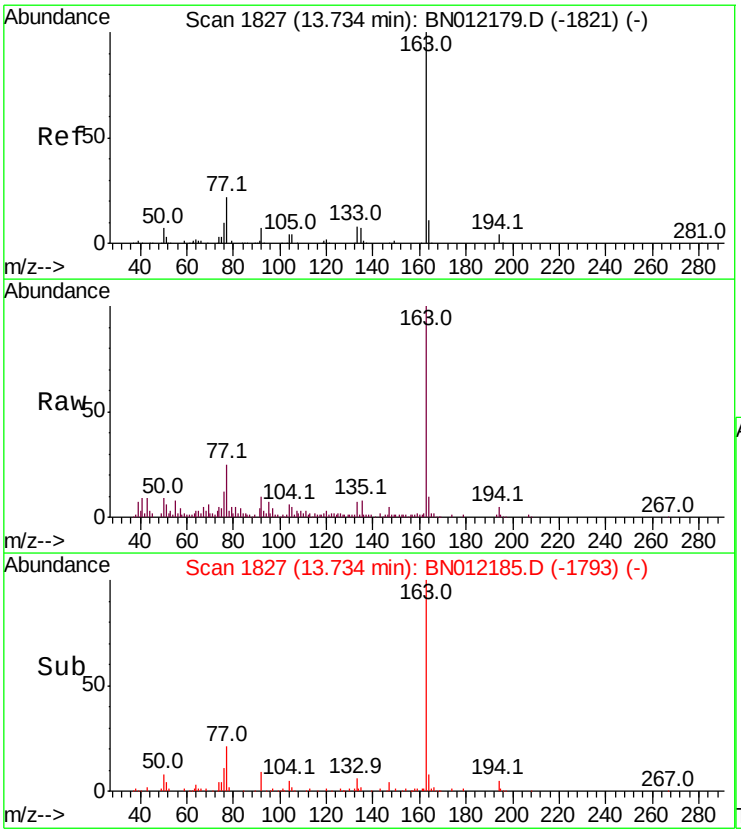
#2
1,4-Dioxane
Concen: 35.142 ng/uL
RT: 3.20 min Scan# 36
Delta R.T. -0.01 min
Lab File: BN012185.D
Acq: 14 Oct 2020 06:53

Instrument :
BNA_N
ClientSampleId :
CB7X2

Tgt Ion: 88 Resp: 276653

Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.5	39.7
58	76.4	61.0	91.4

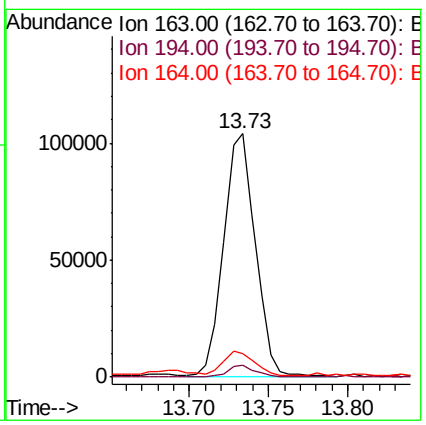


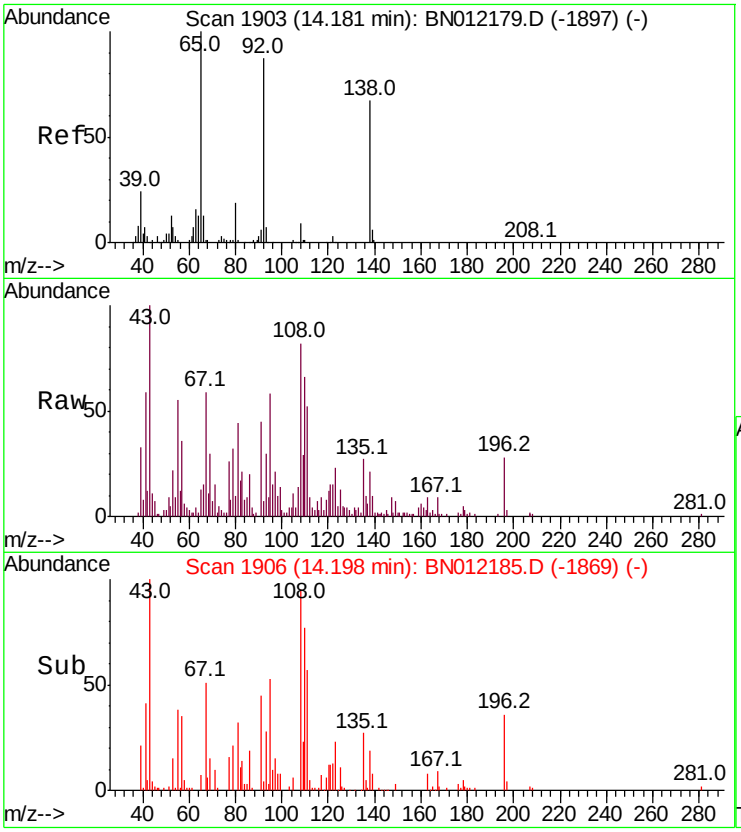


#45
Dimethylphthalate
Concen: 2.161 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BN012185.D
Acq: 14 Oct 2020 06:53

Tgt Ion:163 Resp: 142579

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.4	5.0
164	9.7	7.8	11.8



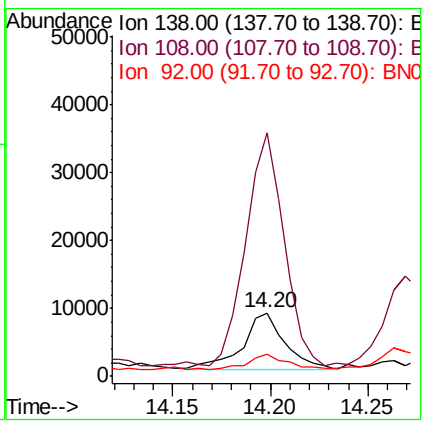


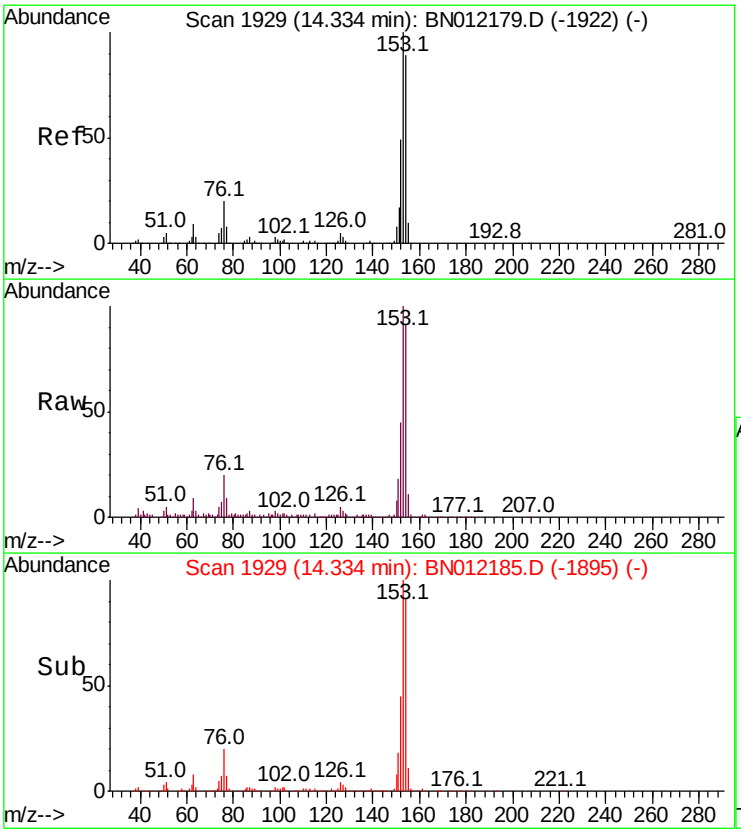
#49
3-Nitroaniline
Concen: 1.040 ng/ul
RT: 14.20 min Scan# 1906
Delta R.T. 0.02 min
Lab File: BN012185.D
Acq: 14 Oct 2020 06:53

Instrument :
BNA_N
ClientSampleId :
CB7X2

Tgt Ion:138 Resp: 12576

Ion	Ratio	Lower	Upper
138	100		
108	384.3	7.9	11.9#
92	35.0	104.3	156.5#

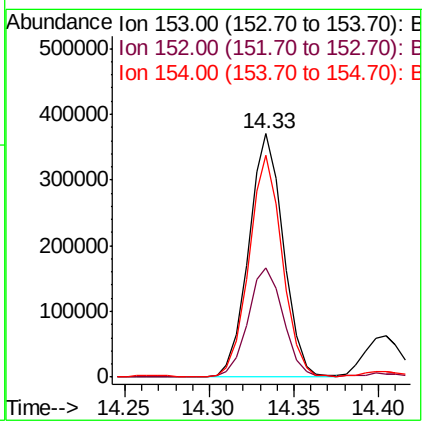


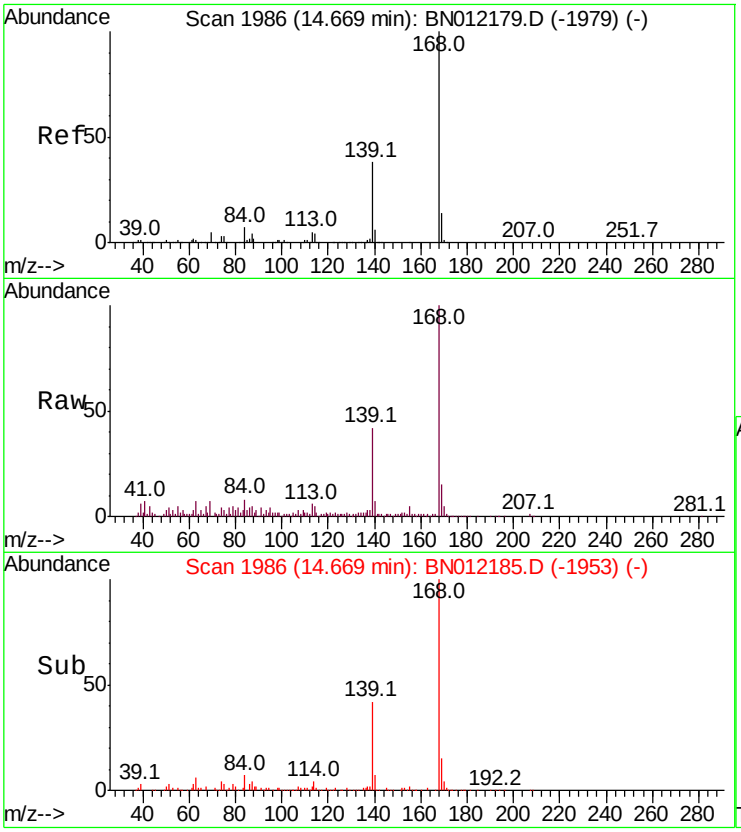


#50
Acenaphthene
Concen: 9.512 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BN012185.D
Acq: 14 Oct 2020 06:53

Tgt Ion:153 Resp: 522825

Ion	Ratio	Lower	Upper
153	100		
152	45.1	35.9	53.9
154	90.9	70.2	105.2



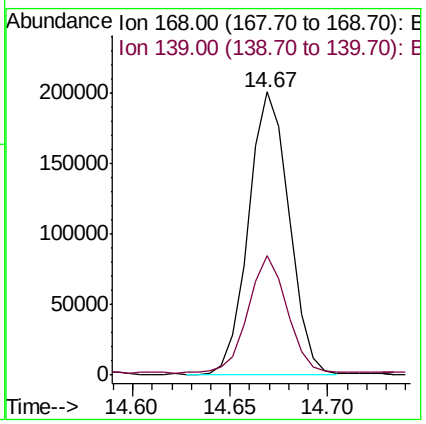


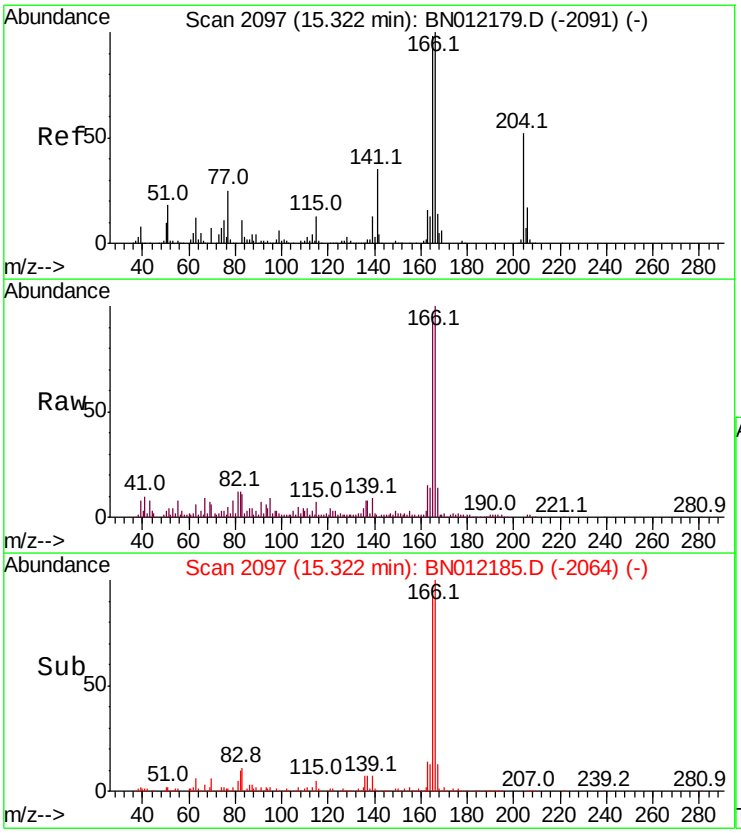
#54
Dibenzofuran
Concen: 3.774 ng/ul
RT: 14.67 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BN012185.D
Acq: 14 Oct 2020 06:53

Instrument :
BNA_N
ClientSampleId :
CB7X2

Tgt Ion:168 Resp: 288865

Ion	Ratio	Lower	Upper
168	100		
139	42.3	31.5	47.3

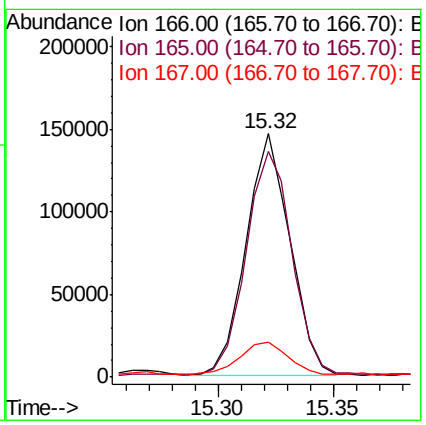


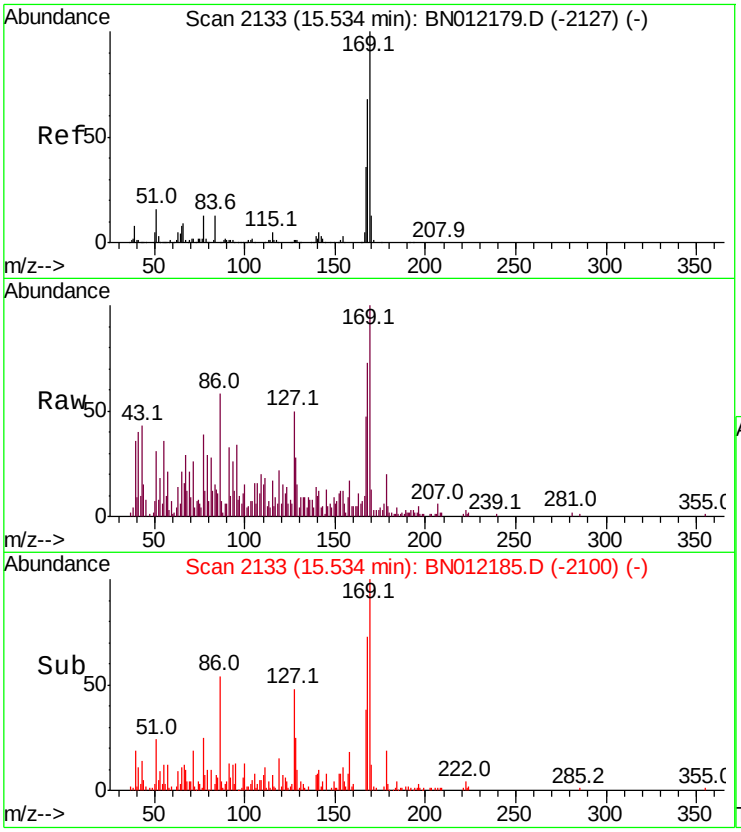


#59
Fluorene
Concen: 3.014 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BN012185.D
Acq: 14 Oct 2020 06:53

Tgt Ion:166 Resp: 194023

Ion	Ratio	Lower	Upper
166	100		
165	92.5	79.0	118.6
167	14.2	10.5	15.7





#65
N-Nitrosodiphenylamine
Concen: 1.074 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BN012185.D
Acq: 14 Oct 2020 06:53

Instrument :
BNA_N
ClientSampleId :
CB7X2

Tgt Ion:169 Resp: 53663

Ion	Ratio	Lower	Upper
169	100		
168	73.0	52.8	79.2
167	46.9	27.8	41.8#