Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009839.D
Acq On : 22 Feb 2020 10:37
Operator : CG/JU
Sample : L1516-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 24 00:22:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	104002	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.13	136	446127	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.03	164	289289	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	589898	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	528265	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	565966	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	2997	1.19	ng/uL	-0.01
5) Phenol-d5	6.59	99	44949	5.08	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	34359	5.63	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.93	132	37603	5.65	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	29653	4.21	ng/ul	-0.02
19) Nitrobenzene-d5	8.54	128	16469	5.05	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	18272	5.12	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.79	165	33110	4.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	40127	5.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	124699	5.77	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	135223	5.31	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.29	143	8168	2.07	ng/ul	0.00
58) Fluorene-d10	15.03	176	108004	5.79	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.20	200	9106	2.48	ng/ul	0.00
71) Anthracene-d10	16.89	188	161808	5.98	ng/ul	-0.02
79) Pyrene-d10	19.19	212	183824	6.66	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	174045	6.16	ng/ul	-0.03
Target Compounds						Qvalue
6) Phenol	6.62	94	50598	5.337	ng/ul	96
10) 2-Chlorophenol	6.96	128	40910	5.832	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.20	70	34969	5.837	ng/ul	96
33) 4-Chloro-3-methylphenol	11.46	107	34968	4.416	ng/ul	96
50) Acenaphthene	14.09	153	108203	5.730	ng/ul	95
53) 4-Nitrophenol	14.30	109	7250	2.036	ng/ul	97
55) 2,4-Dinitrotoluene	14.44	165	29029	4.437	ng/ul#	84
69) Pentachlorophenol	16.46	266	7719	2.045	ng/ul	89
80) Pyrene	19.22	202	266105	6.987	ng/ul	99

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

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Quant Title : SVOA CALIBRATION
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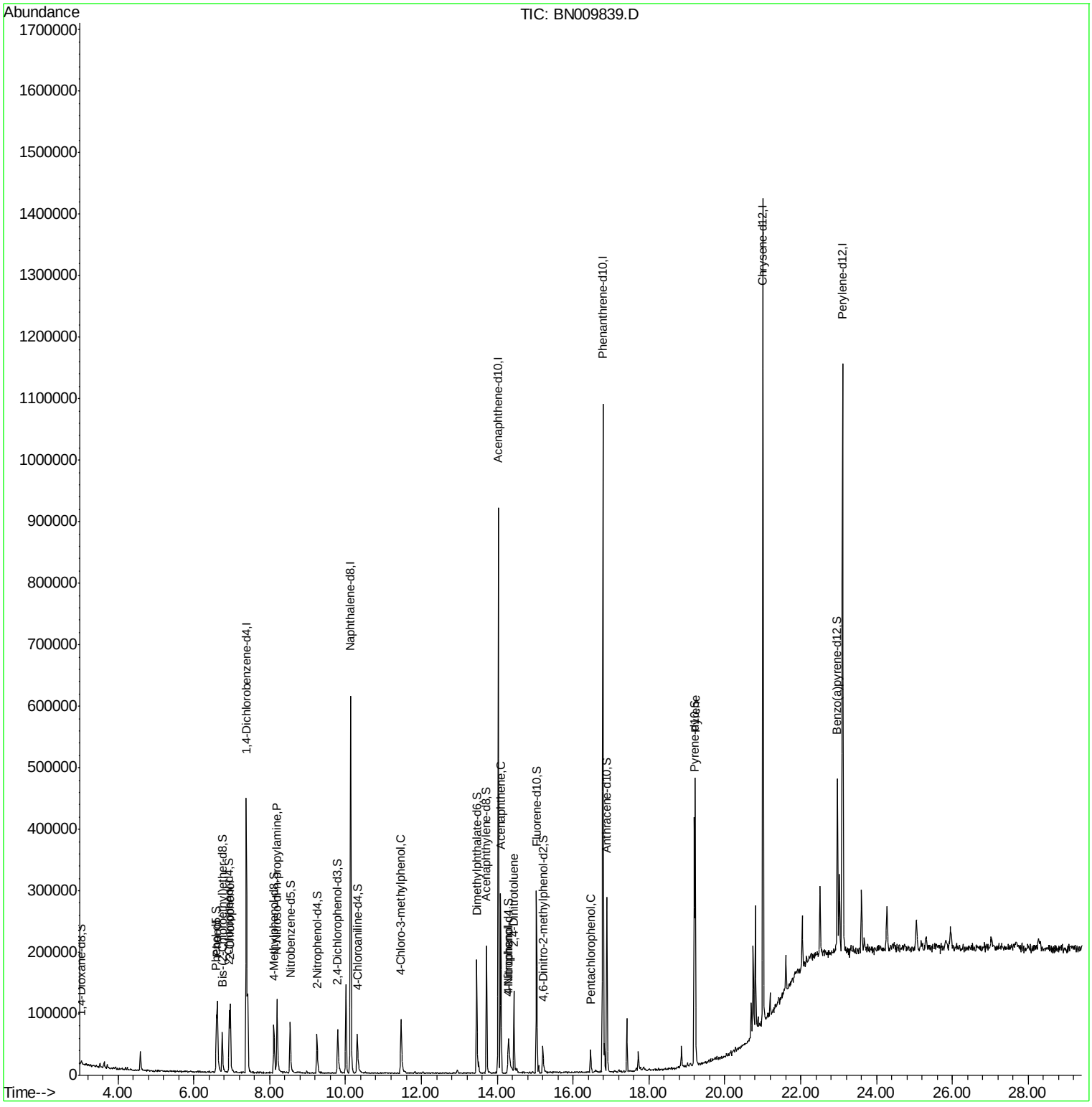
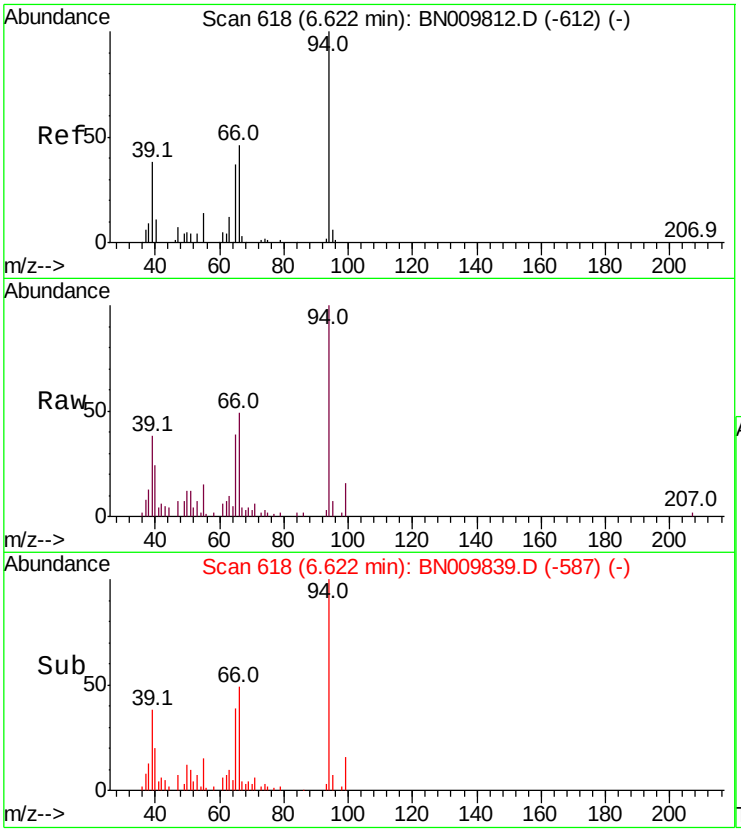


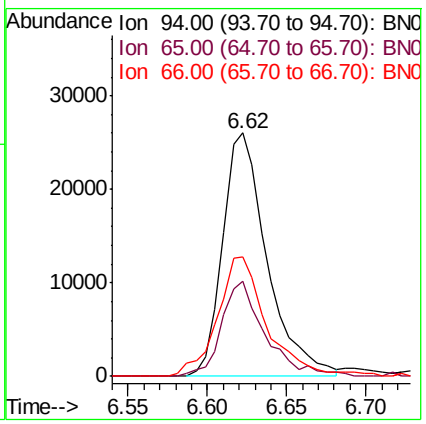


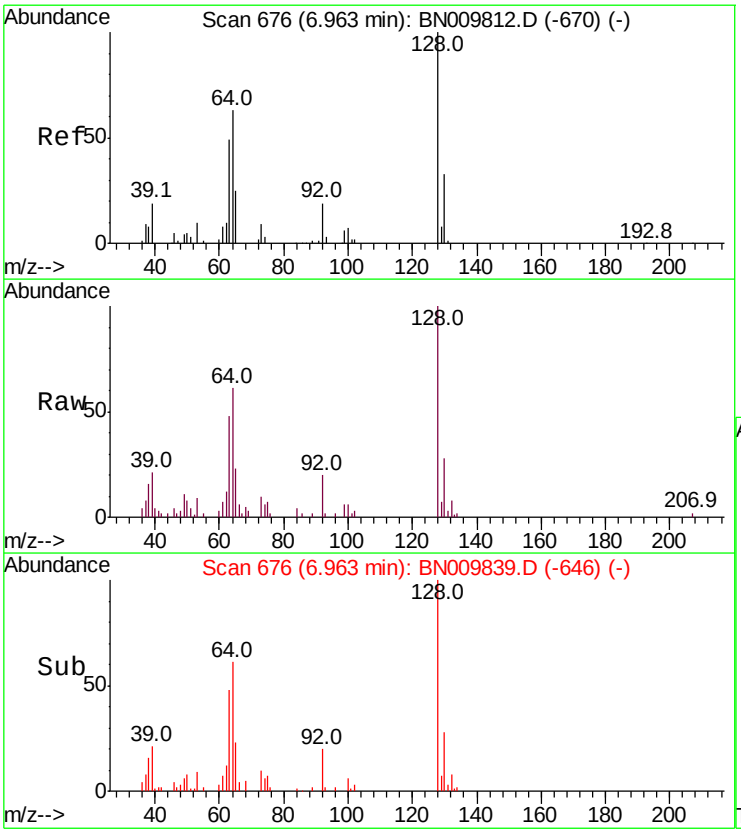
#6
Phenol
Concen: 5.337 ng/ul
RT: 6.62 min Scan# 618
Delta R.T. -0.02 min
Lab File: BN009839.D
Acq: 22 Feb 2020 10:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 94 Resp: 50598

Ion	Ratio	Lower	Upper
94	100		
65	39.2	27.6	41.4
66	49.0	38.5	57.7

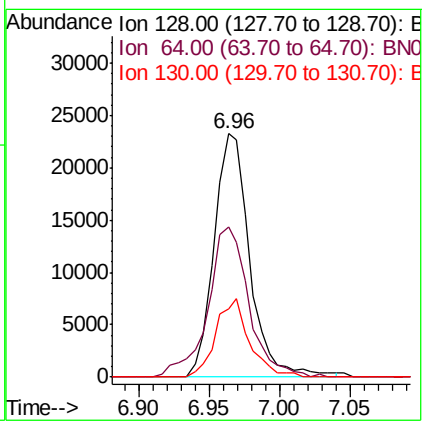


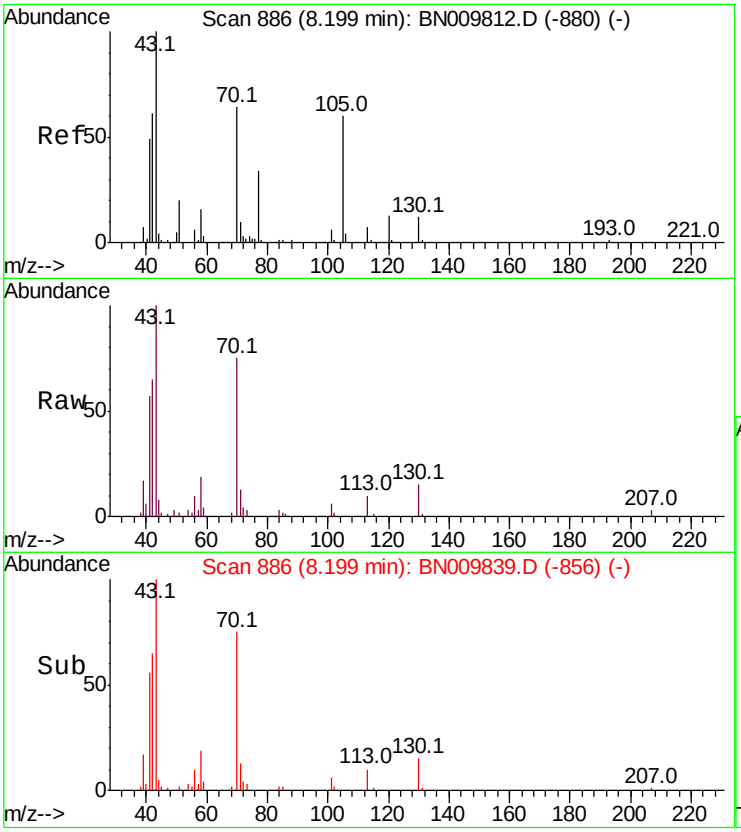


#10
2-Chlorophenol
Concen: 5.832 ng/ul
RT: 6.96 min Scan# 676
Delta R.T. -0.02 min
Lab File: BN009839.D
Acq: 22 Feb 2020 10:37

Tgt Ion:128 Resp: 40910

Ion	Ratio	Lower	Upper
128	100		
64	61.5	52.5	78.7
130	28.0	24.4	36.6



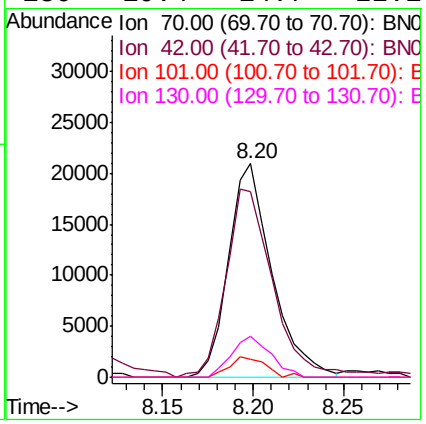


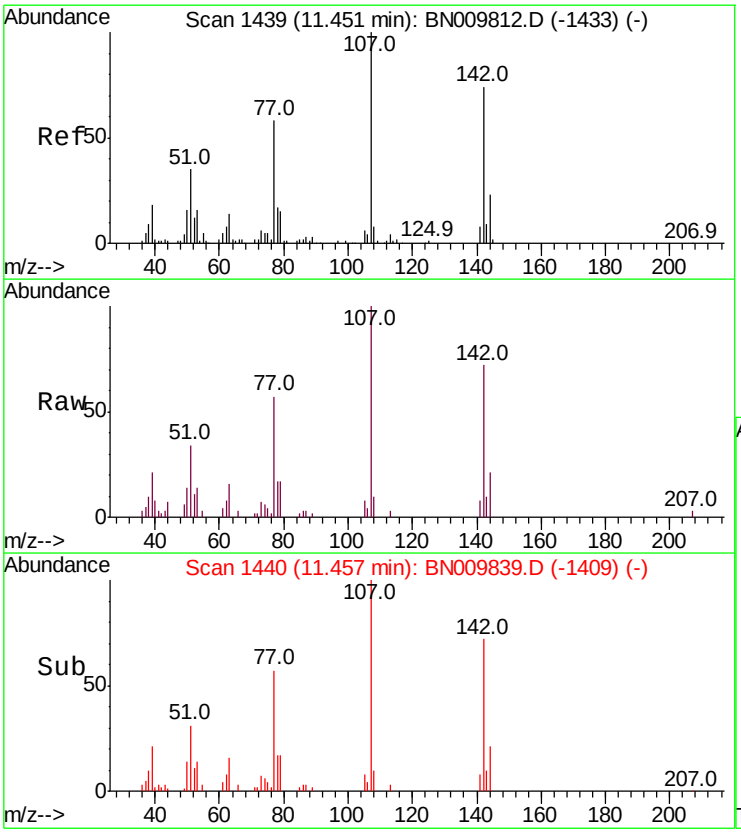
#15
N-Nitroso-di-n-propylamine
Concen: 5.837 ng/ul
RT: 8.20 min Scan# 886
Delta R.T. -0.02 min
Lab File: BN009839.D
Acq: 22 Feb 2020 10:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 34969

Ion	Ratio	Lower	Upper
70	100		
42	87.0	72.6	108.8
101	8.2	7.7	11.5
130	19.4	14.7	22.1

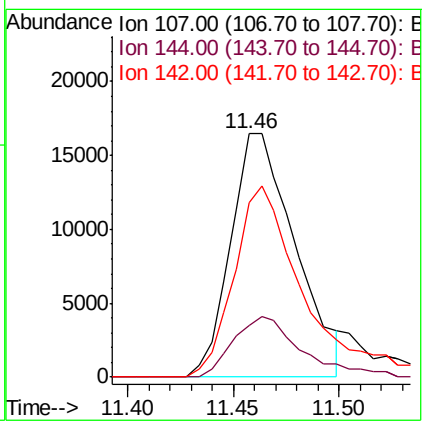


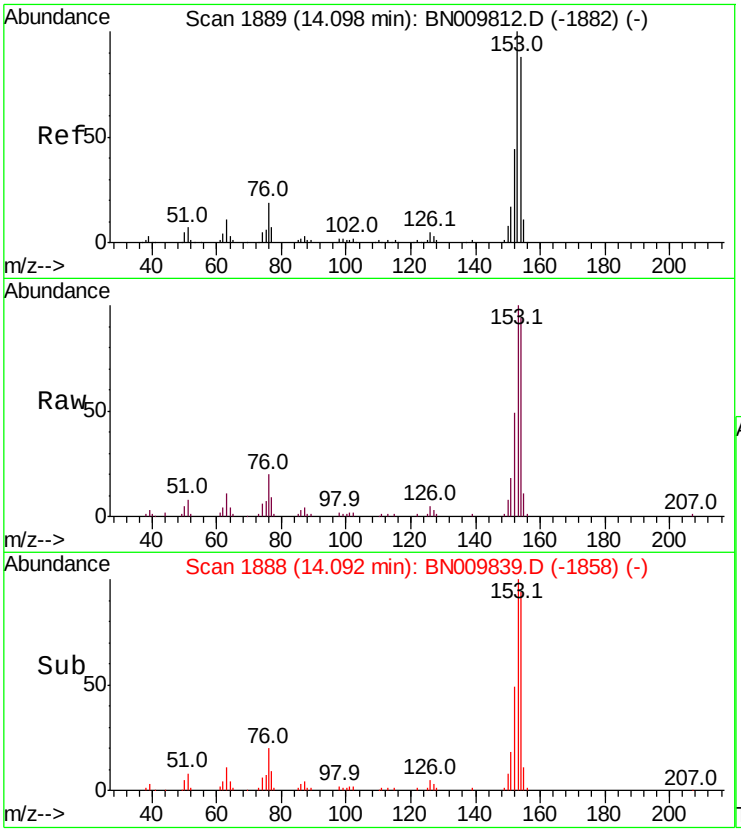


#33
4-Chloro-3-methylphenol
Concen: 4.416 ng/ul
RT: 11.46 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BN009839.D
Acq: 22 Feb 2020 10:37

Tgt Ion:107 Resp: 34968

Ion	Ratio	Lower	Upper
107	100		
144	21.1	19.3	28.9
142	71.9	59.5	89.3



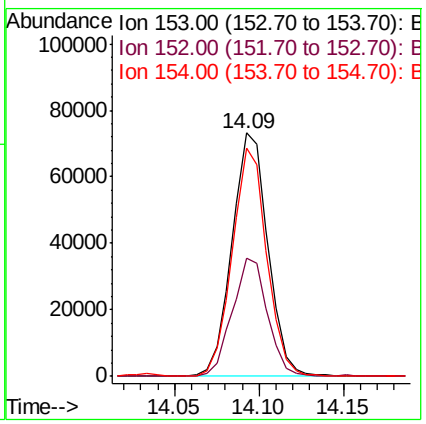


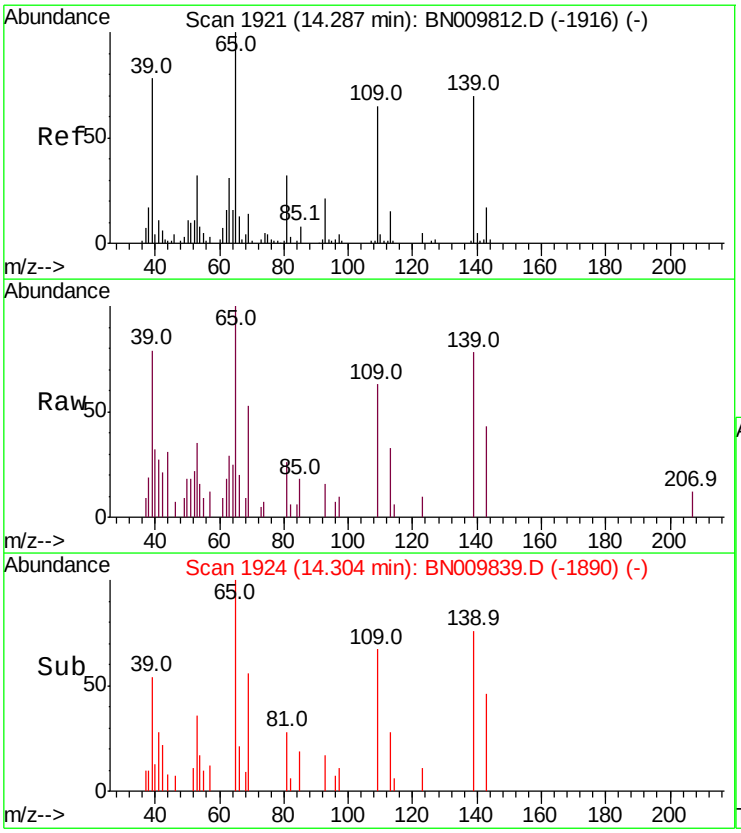
#50
Acenaphthene
Concen: 5.730 ng/ul
RT: 14.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN009839.D
Acq: 22 Feb 2020 10:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 108203

Ion	Ratio	Lower	Upper
153	100		
152	48.6	36.6	54.8
154	93.5	70.6	106.0

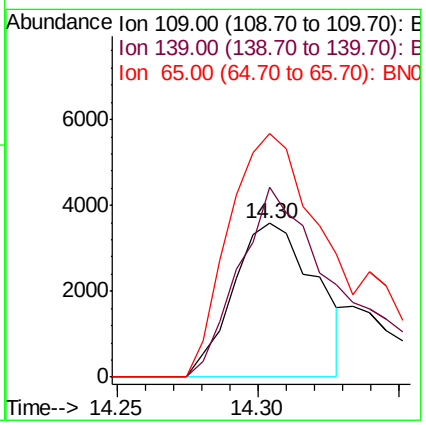


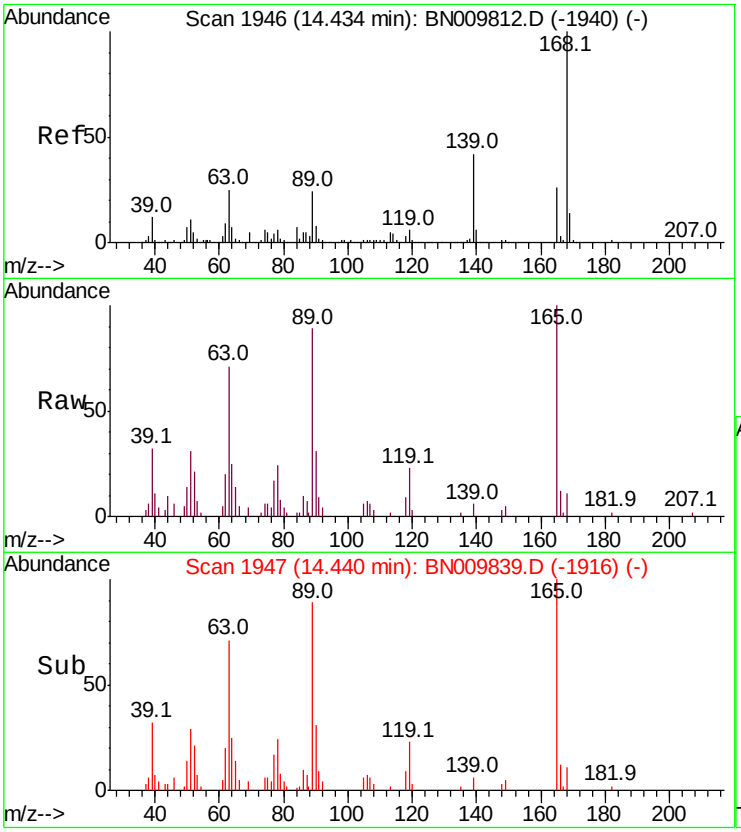


#53
4-Nitrophenol
Concen: 2.036 ng/ul
RT: 14.30 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BN009839.D
Acq: 22 Feb 2020 10:37

Tgt Ion:109 Resp: 7250

Ion	Ratio	Lower	Upper
109	100		
139	123.7	96.3	144.5
65	158.2	129.9	194.9



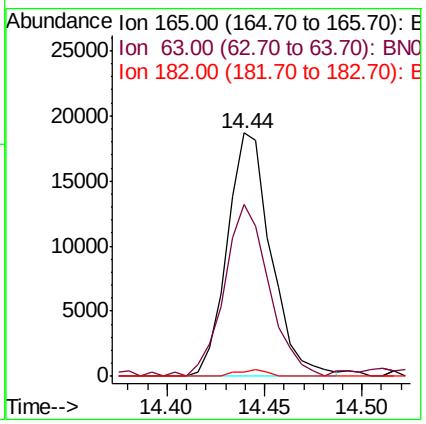


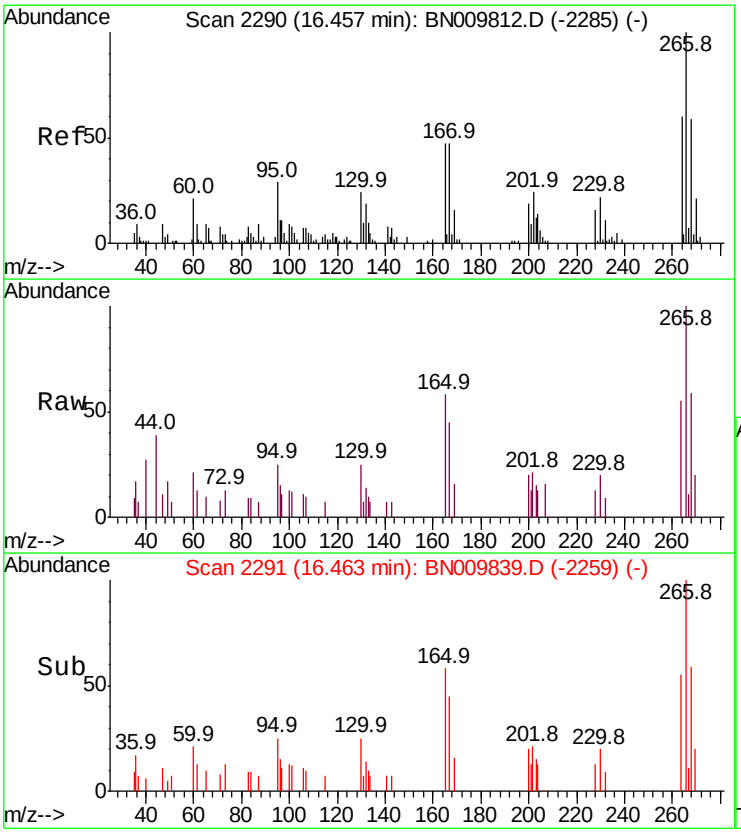
#55
2,4-Dinitrotoluene
Concen: 4.437 ng/ul
RT: 14.44 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BN009839.D
Acq: 22 Feb 2020 10:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 29029

Ion	Ratio	Lower	Upper
165	100		
63	70.8	68.3	102.5
182	1.8	2.2	3.4#

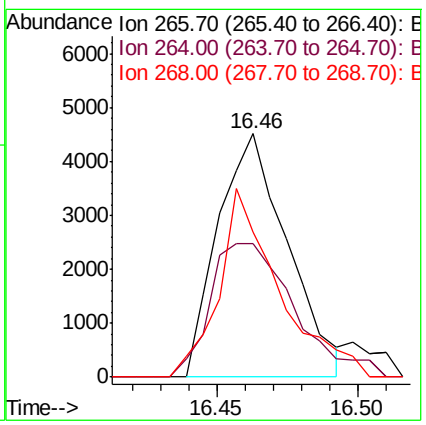


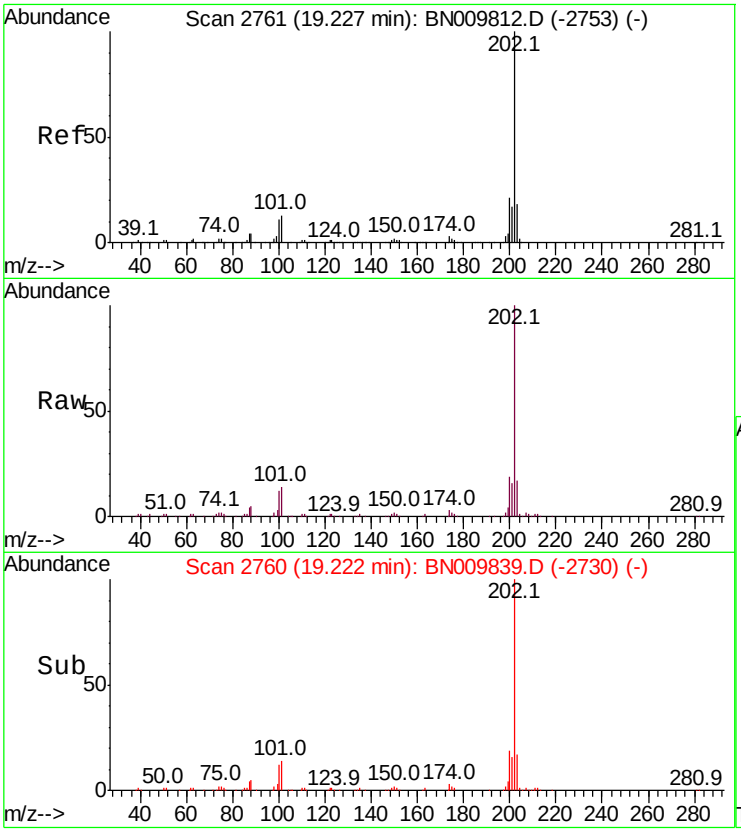


#69
Pentachlorophenol
Concen: 2.045 ng/ul
RT: 16.46 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BN009839.D
Acq: 22 Feb 2020 10:37

Tgt Ion:266 Resp: 7719

Ion	Ratio	Lower	Upper
266	100		
264	54.7	52.9	79.3
268	59.3	52.5	78.7





#80
Pyrene
Concen: 6.987 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BN009839.D
Acq: 22 Feb 2020 10:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 266105

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.3	16.9
100	11.7	9.0	13.6