Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009978.D
Acq On : 27 Feb 2020 23:41
Operator : CG/JU
Sample : SP5067
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 28 01:16:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	85286	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	401970	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	263966	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	556574	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	476766	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	523939	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.60	67	20998	4.19	ng/ul	-0.14
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	8.18	113	55908	9.69	ng/ul	0.08
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.12	131	432	0.06	ng/ul	-0.16
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.78	188	556574	21.82	ng/ul	-0.10
79) Pyrene-d10	19.19	212	627	0.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	513862	19.64	ng/ul	0.13
Target Compounds						Qvalue
4) Benzaldehyde	6.60	77	6345	1.315	ng/ul#	3
6) Phenol	6.60	94	571811	73.556	ng/ul	92
8) Bis(2-Chloroethyl)ether	6.95	93	10599	1.735	ng/ul#	1
10) 2-Chlorophenol	6.95	128	452133	78.595	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.18	70	438733	89.297	ng/ul	95
33) 4-Chloro-3-methylphenol	11.43	107	528593	74.084	ng/ul	99
50) Acenaphthene	14.08	153	1169425	67.872	ng/ul	99
53) 4-Nitrophenol	14.28	109	210925	64.915	ng/ul	87
55) 2,4-Dinitrotoluene	14.42	165	422736	70.820	ng/ul#	81
68) Atrazine	16.44	200	42411	6.770	ng/ul#	33
69) Pentachlorophenol	16.44	266	227142	63.780	ng/ul	90
80) Pyrene	19.22	202	2530142	73.609	ng/ul	98

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

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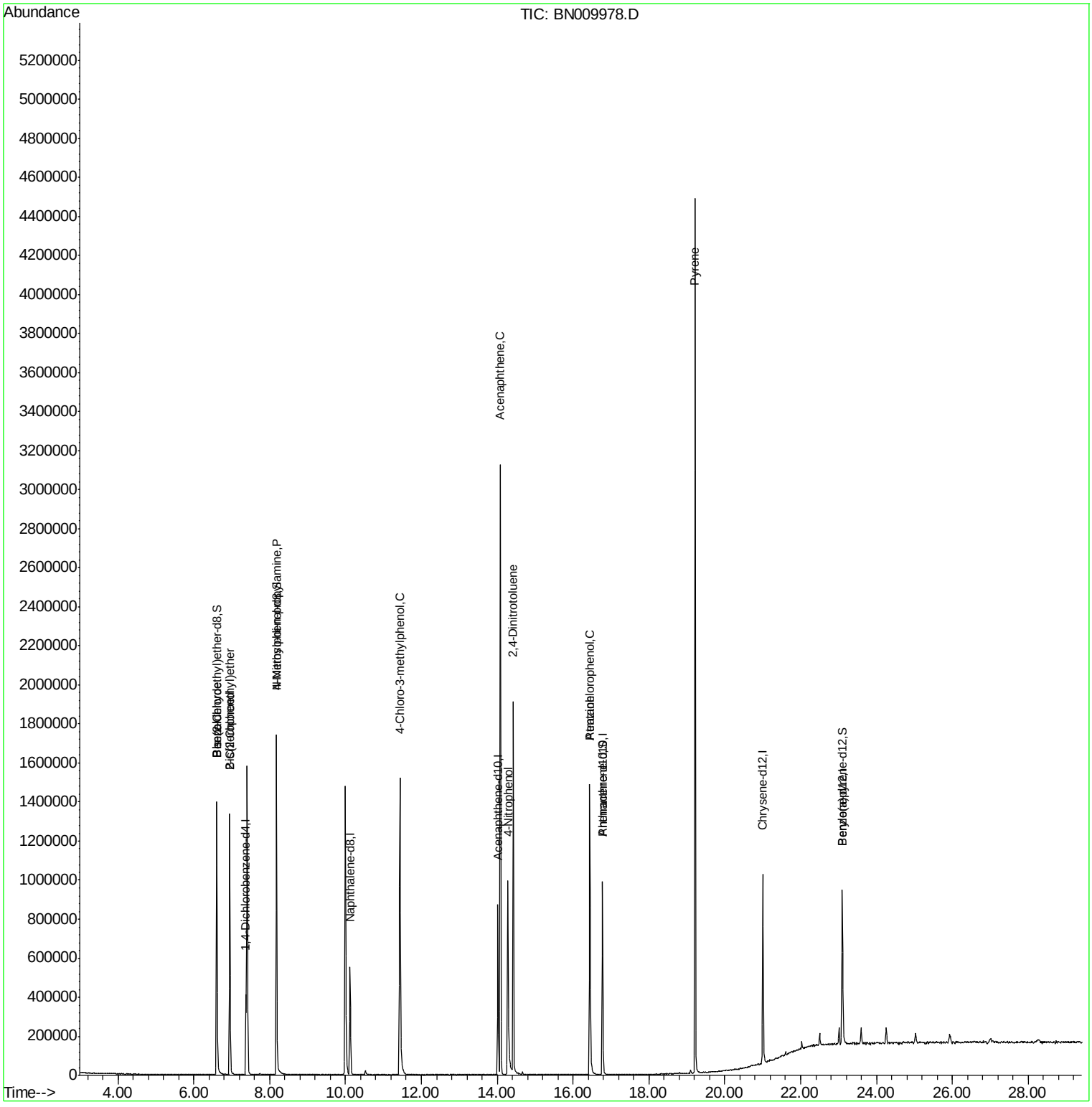
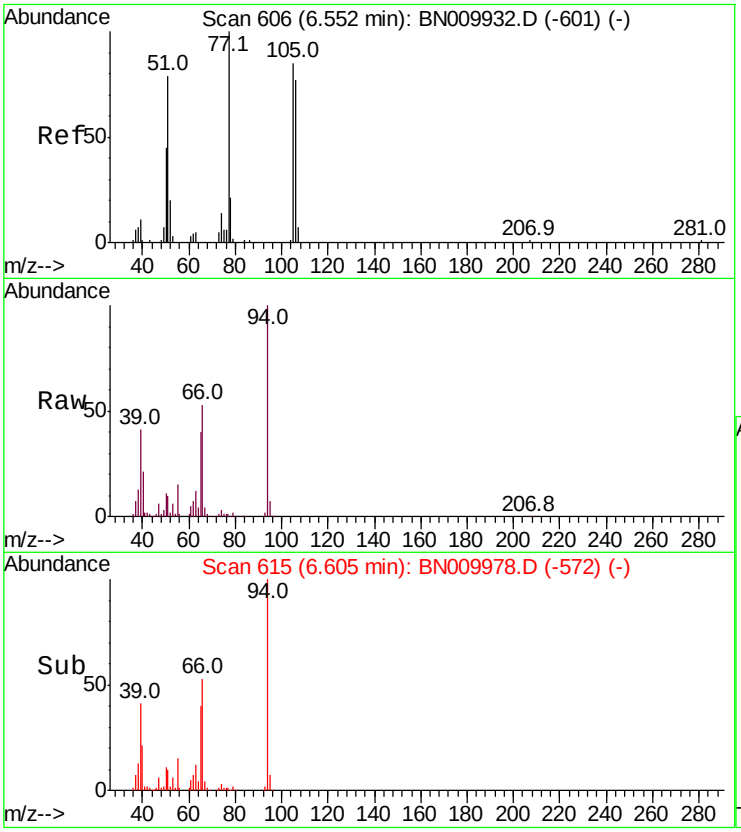
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 28 01:16:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration



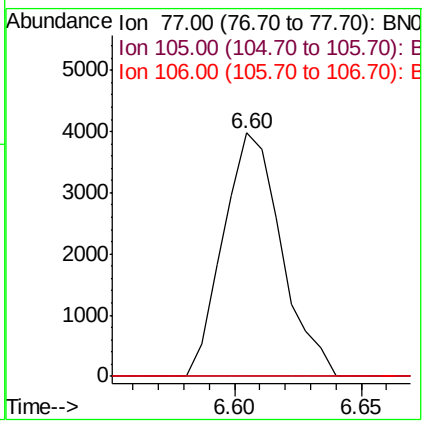


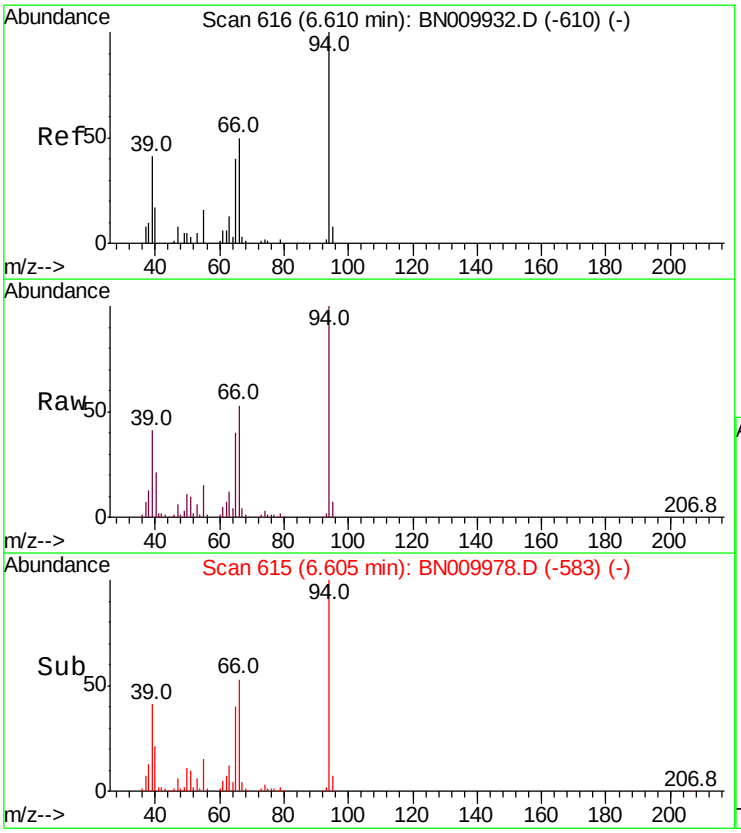
#4
Benzaldehyde
Concen: 1.315 ng/ul
RT: 6.60 min Scan# 615
Delta R.T. 0.05 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 77 Resp: 6345

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.2	117.2#
106	0.0	70.9	106.3#

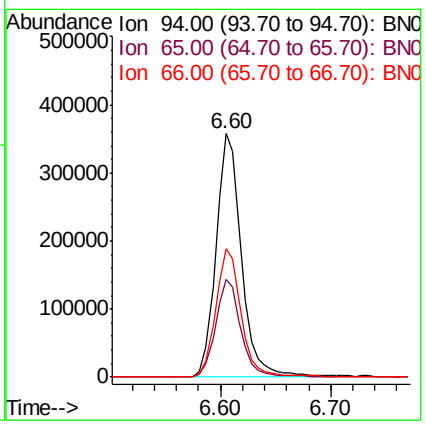


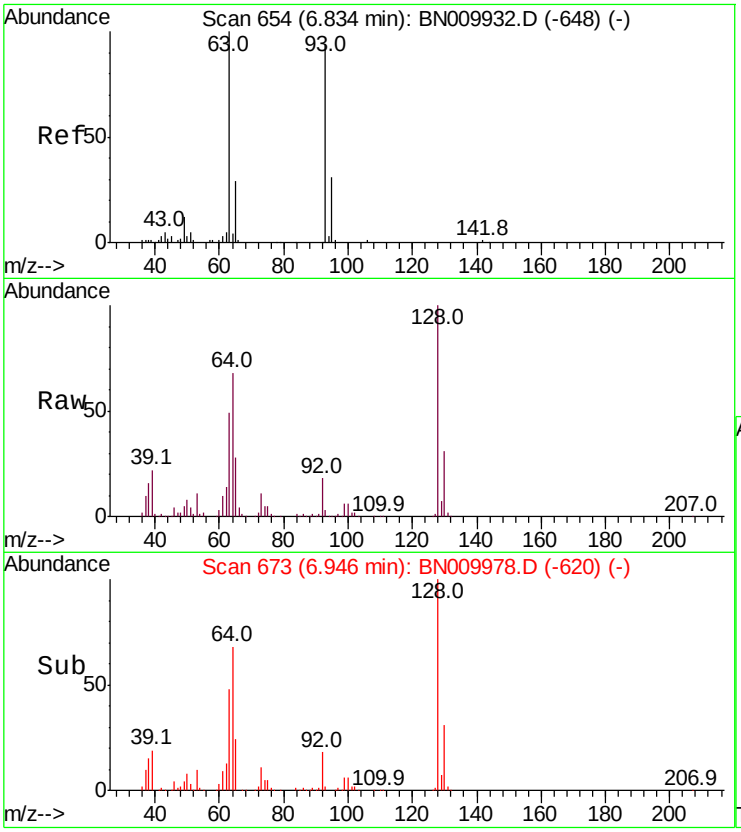


#6
Phenol
Concen: 73.556 ng/ul
RT: 6.60 min Scan# 615
Delta R.T. -0.01 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Tgt Ion: 94 Resp: 571811

Ion	Ratio	Lower	Upper
94	100		
65	40.2	27.6	41.4
66	52.7	38.5	57.7



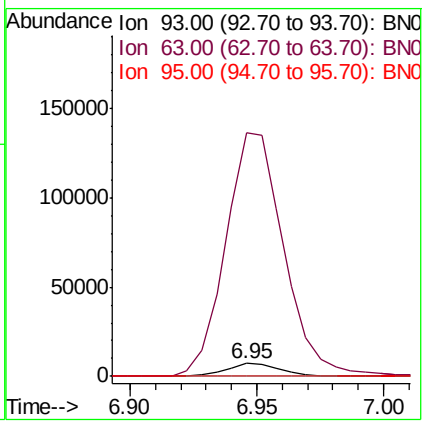


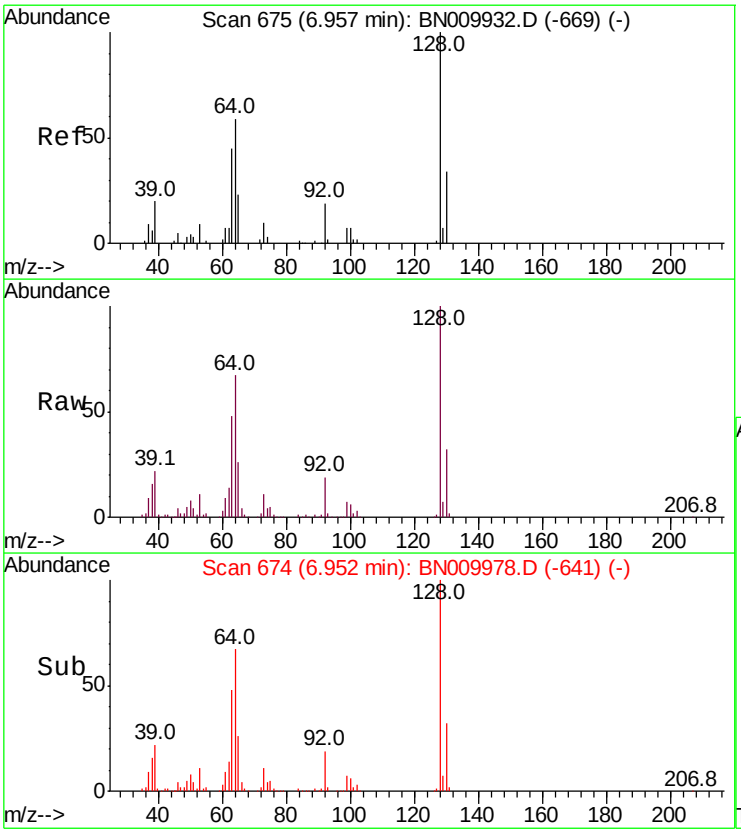
#8
Bis(2-Chloroethyl)ether
Concen: 1.735 ng/ul
RT: 6.95 min Scan# 673
Delta R.T. 0.11 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 10599

Ion	Ratio	Lower	Upper
93	100		
63	1883.9	82.7	124.1#
95	4.2	26.6	40.0#

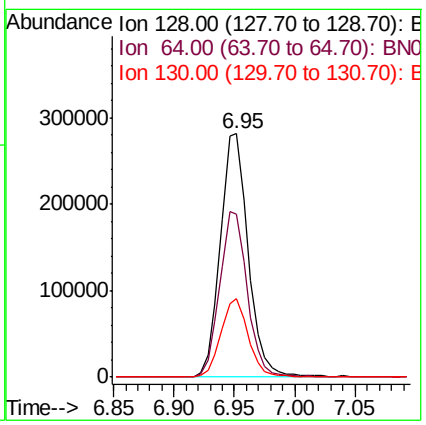


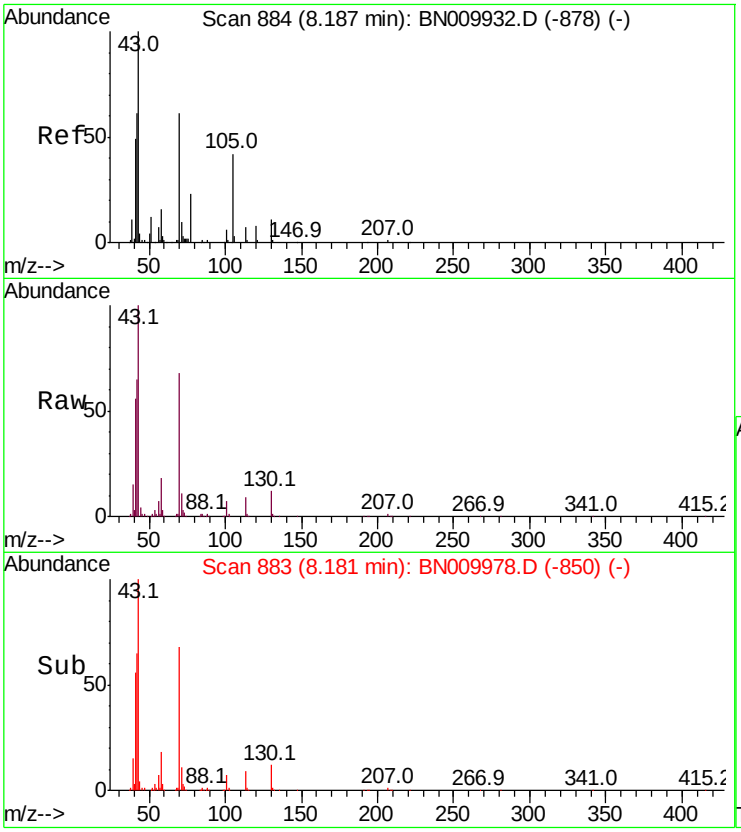


#10
2-Chlorophenol
Concen: 78.595 ng/ul
RT: 6.95 min Scan# 674
Delta R.T. -0.01 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Tgt Ion:128 Resp: 452133

Ion	Ratio	Lower	Upper
128	100		
64	66.9	52.5	78.7
130	32.2	24.4	36.6



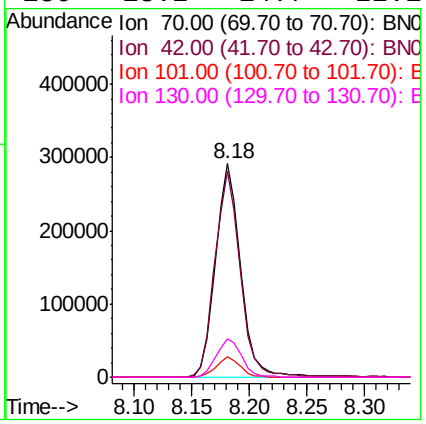


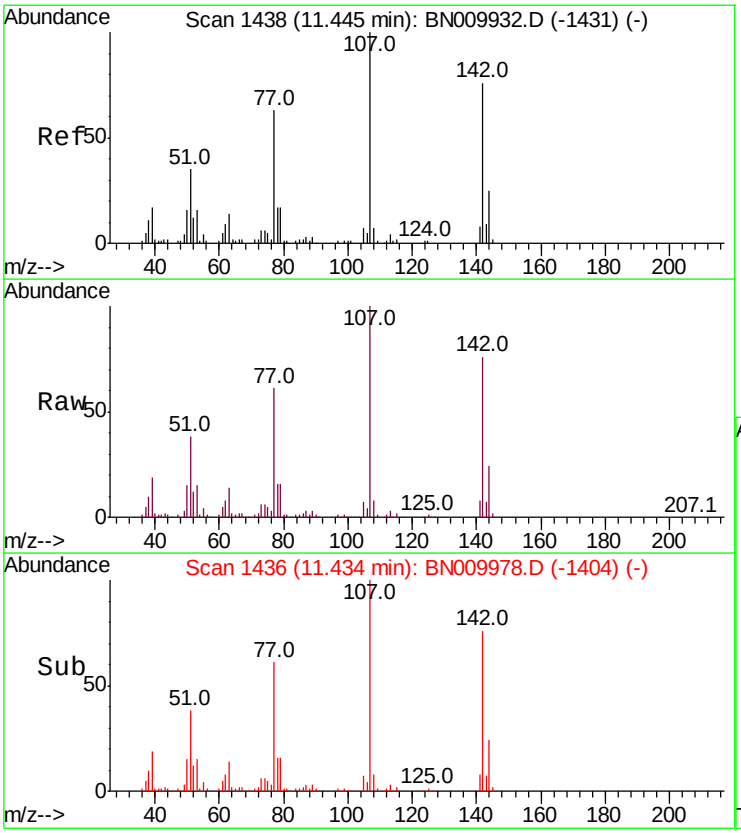
#15
N-Nitroso-di-n-propylamine
Concen: 89.297 ng/ul
RT: 8.18 min Scan# 883
Delta R.T. -0.01 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 70 Resp: 438733

Ion	Ratio	Lower	Upper
70	100		
42	96.2	72.6	108.8
101	9.9	7.7	11.5
130	18.2	14.7	22.1

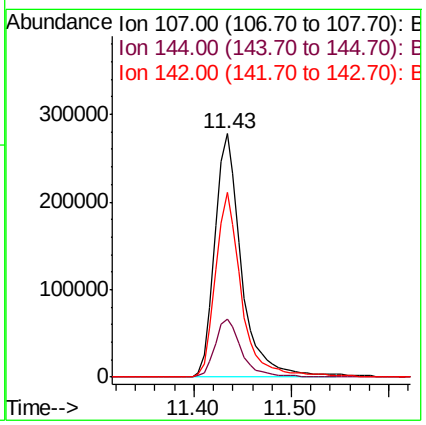


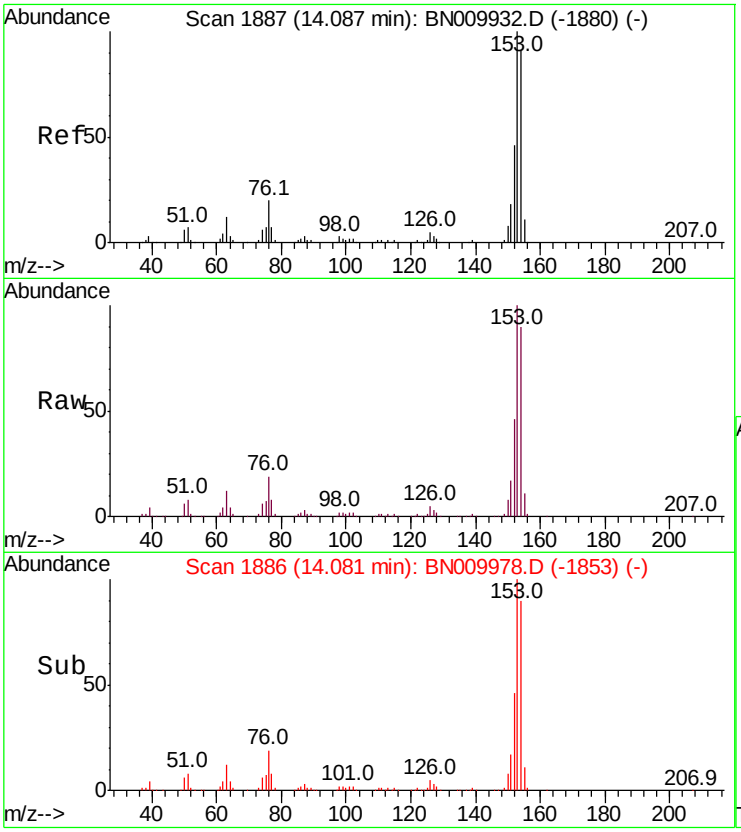


#33
4-Chloro-3-methylphenol
Concen: 74.084 ng/ul
RT: 11.43 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Tgt Ion:107 Resp: 528593

Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.3	28.9
142	75.8	59.5	89.3



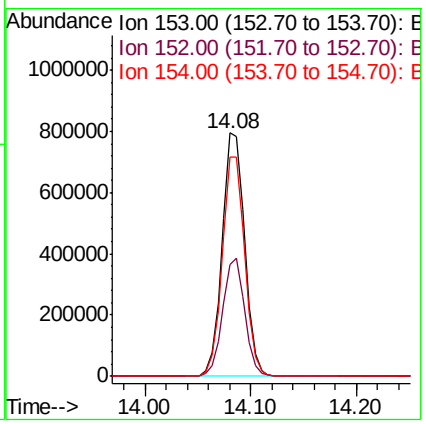


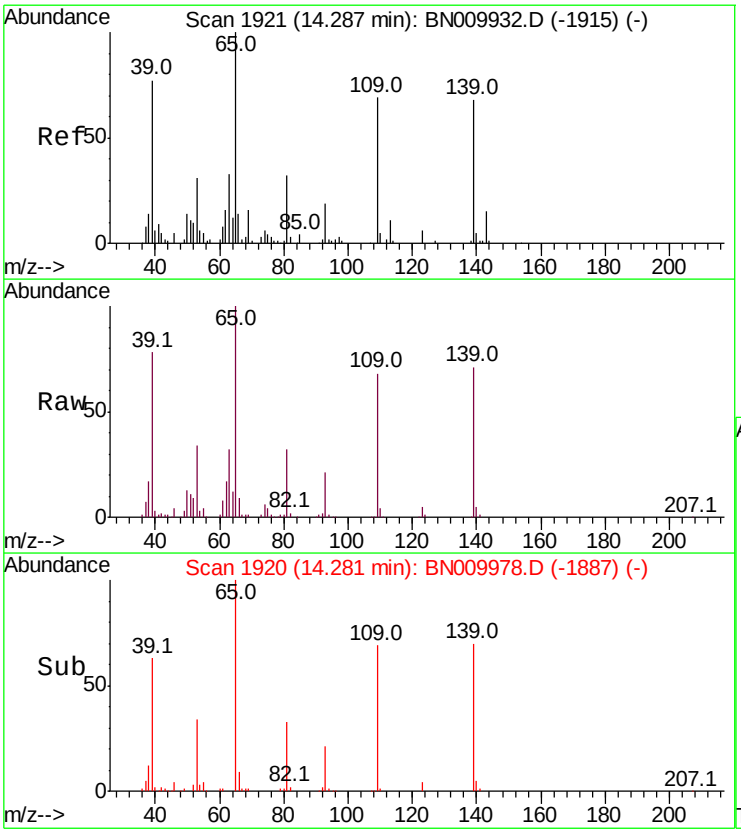
#50
Acenaphthene
Concen: 67.872 ng/ul
RT: 14.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 1169425

Ion	Ratio	Lower	Upper
153	100		
152	46.0	36.6	54.8
154	90.1	70.6	106.0

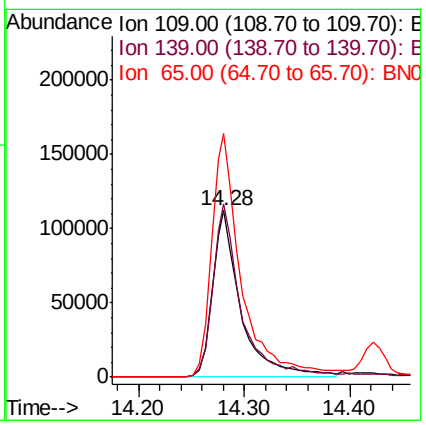


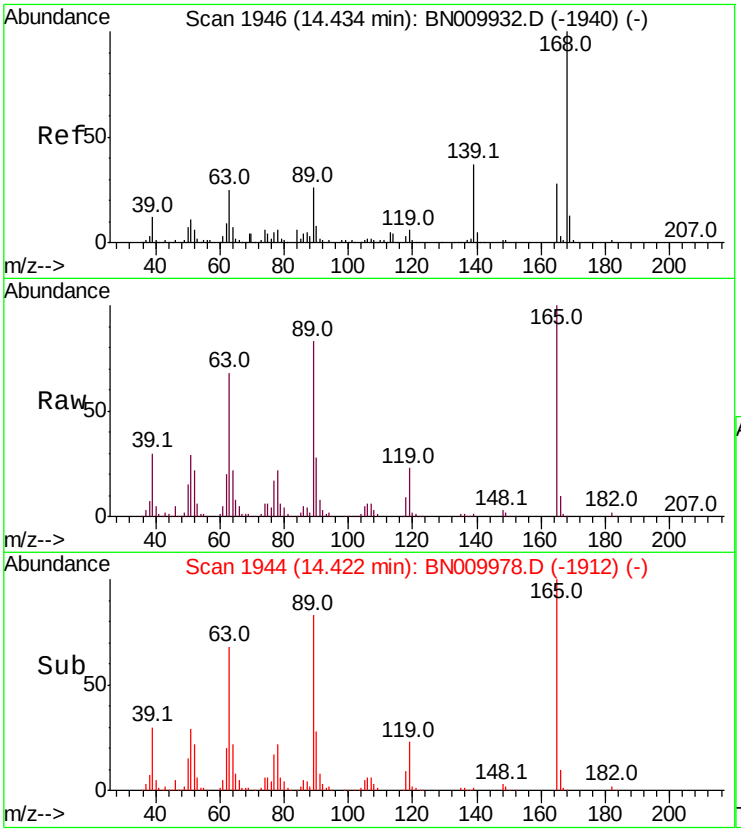


#53
4-Nitrophenol
Concen: 64.915 ng/ul
RT: 14.28 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Tgt Ion:109 Resp: 210925

Ion	Ratio	Lower	Upper
109	100		
139	103.6	96.3	144.5
65	146.1	129.9	194.9



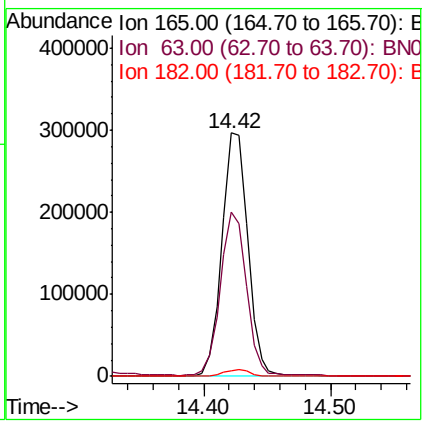


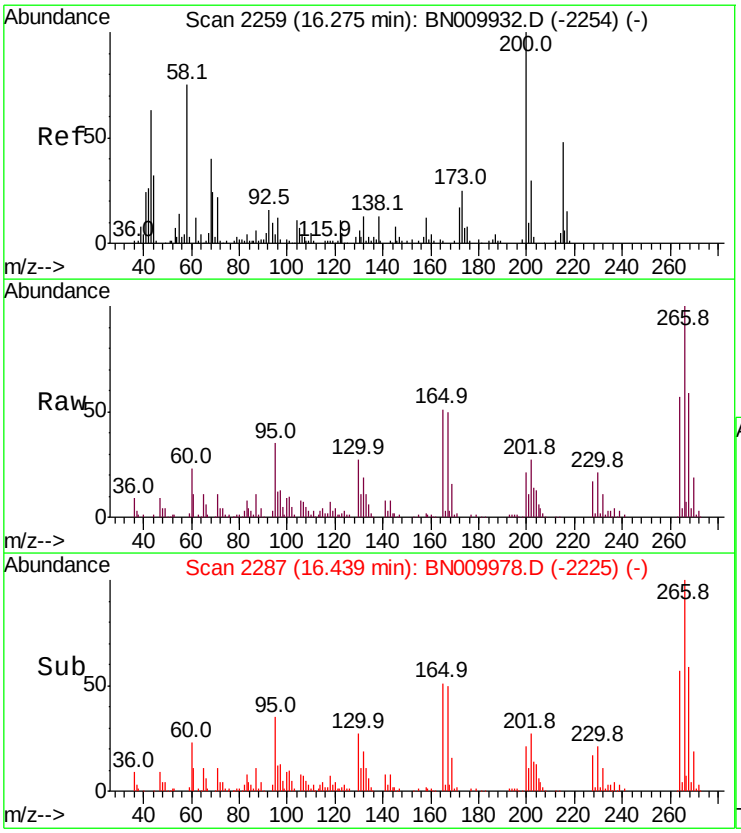
#55
2,4-Dinitrotoluene
Concen: 70.820 ng/ul
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:165 Resp: 422736

Ion	Ratio	Lower	Upper
165	100		
63	67.7	68.3	102.5#
182	2.5	2.2	3.4

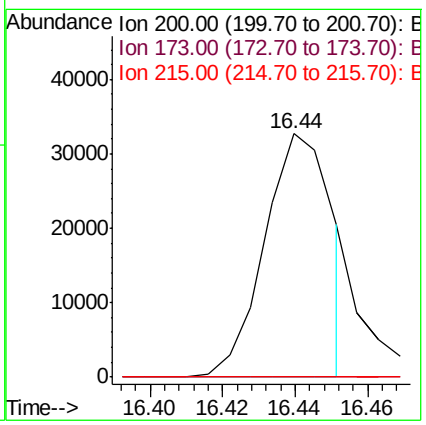


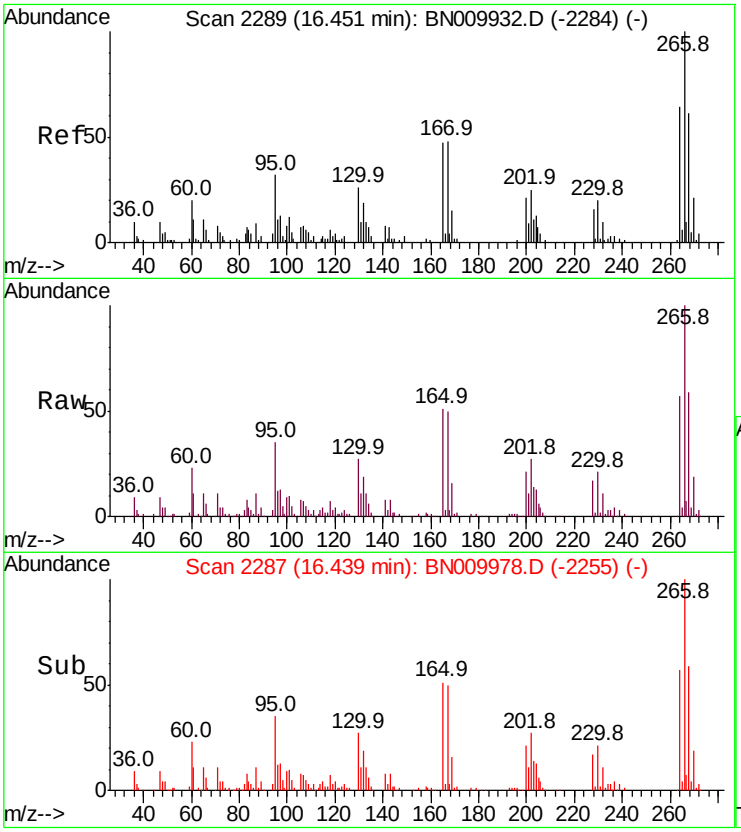


#68
Atrazine
Concen: 6.770 ng/ul
RT: 16.44 min Scan# 2287
Delta R.T. 0.16 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Tgt Ion:200 Resp: 42411

Ion	Ratio	Lower	Upper
200	100		
173	0.0	22.1	33.1#
215	0.0	41.6	62.4#



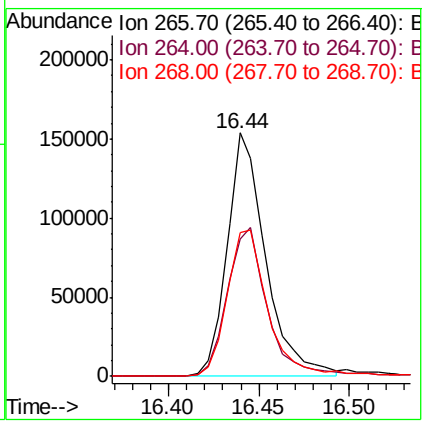


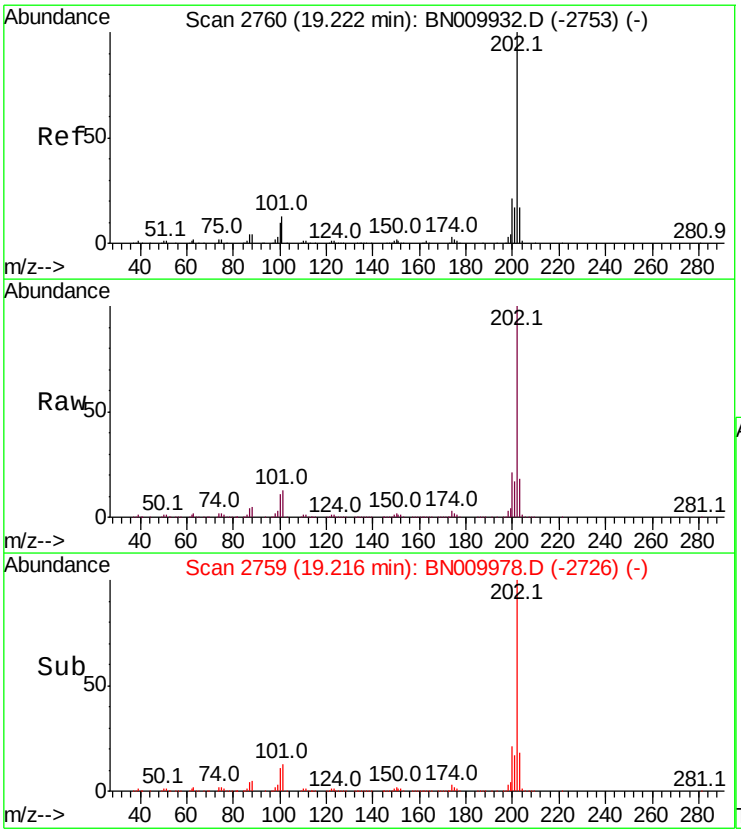
#69
Pentachlorophenol
Concen: 63.780 ng/ul
RT: 16.44 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:266 Resp: 227142

Ion	Ratio	Lower	Upper
266	100		
264	56.6	52.9	79.3
268	59.1	52.5	78.7





#80
Pyrene
Concen: 73.609 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BN009978.D
Acq: 27 Feb 2020 23:41

Tgt Ion:202 Resp: 2530142

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.3	16.9
100	11.0	9.0	13.6