

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081518\
 Data File : BN002336.D
 Acq On : 15 Aug 2018 12:56
 Operator : JU/SJ
 Sample : J4422-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 16 01:14:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 16 01:13:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	149320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	702491	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	440336	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1042762	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1143349	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	1240681	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	21870	6.91	ng/uL	0.00
5) Phenol-d5	6.86	99	107956	7.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	315814	36.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	304624	29.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	210061	19.19	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	209935	37.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	220152	37.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	361904	33.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	262	0.02	ng/ul	0.03
43) Dimethylphthalate-d6	13.72	166	1422372	38.97	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1713363	38.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	38720	5.61	ng/ul	0.01
57) Fluorene-d10	15.30	176	1209908	38.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	202482	30.50	ng/ul	0.00
70) Anthracene-d10	17.16	188	1908065	38.30	ng/ul	0.00
78) Pyrene-d10	19.46	212	2143396	39.18	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	2366721	36.48	ng/ul	0.02

Target Compounds

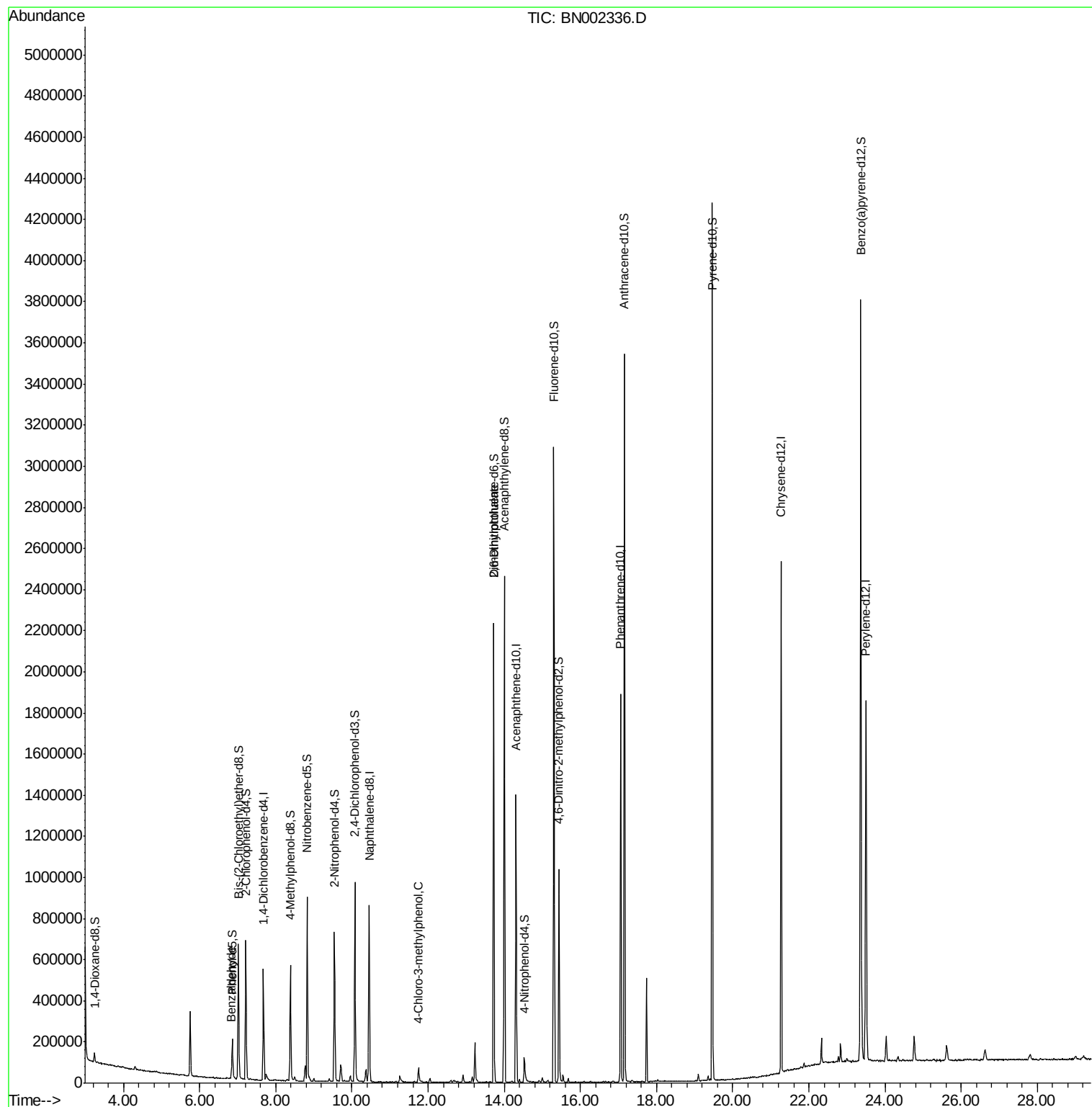
					Ovalue
4) Benzaldehyde	6.83	77	11123	1.183 ng/ul#	82
33) 4-Chloro-3-methylphenol	11.75	107	31689	2.632 ng/ul	96
45) 2,6-Dinitrotoluene	13.73	165	8312	1.149 ng/ul#	34

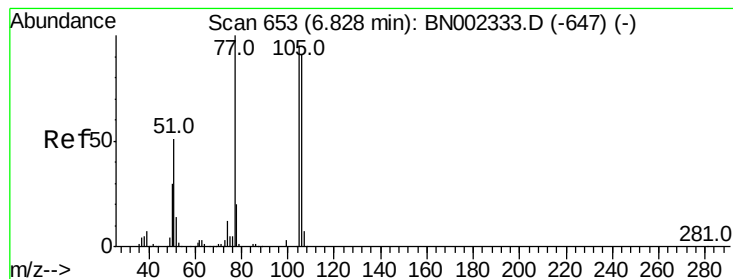
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.183 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. 0.01 min

Lab File: BN002336.D

Acq: 15 Aug 2018 12:56

Instrument :

BNA_N

ClientSampleId :

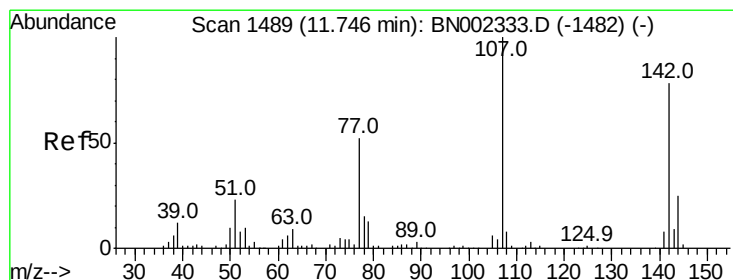
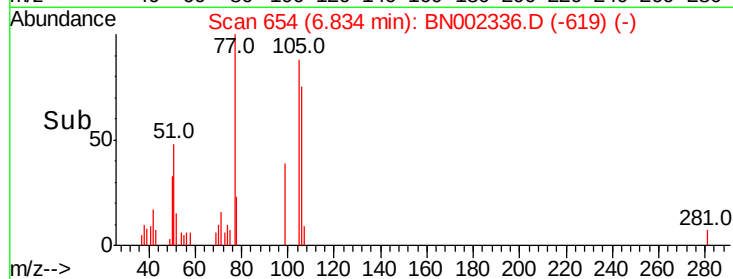
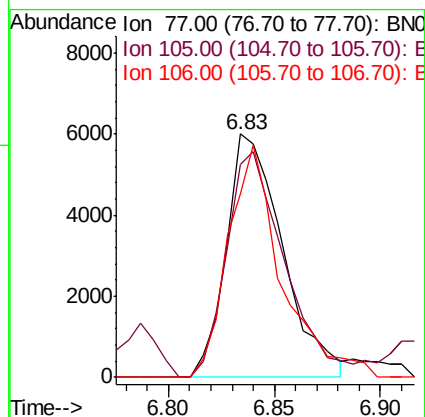
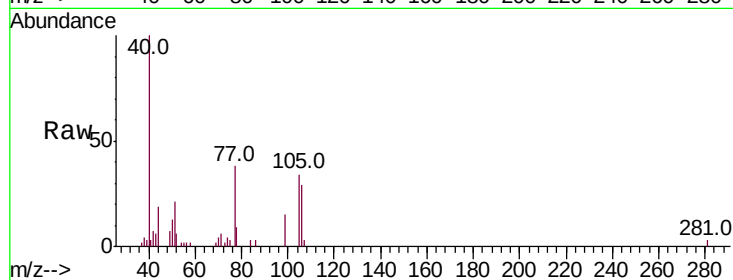
Tot Ion: 77 Resp: 11123

Ion Ratio Lower Upper

77 100

105 87.5 80.6 120.8

106 75.4 77.7 116.5#



#33

4-Chloro-3-methylphenol

Concen: 2.632 ng/ul

RT: 11.75 min Scan# 1490

Delta R.T. 0.01 min

Lab File: BN002336.D

Acq: 15 Aug 2018 12:56

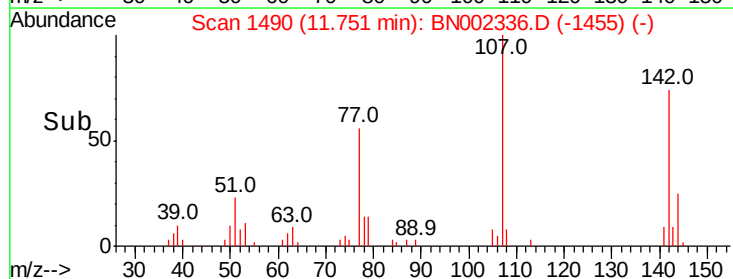
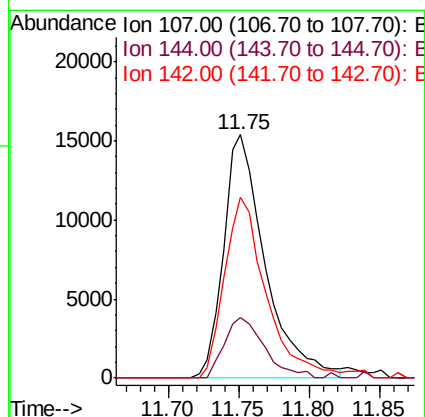
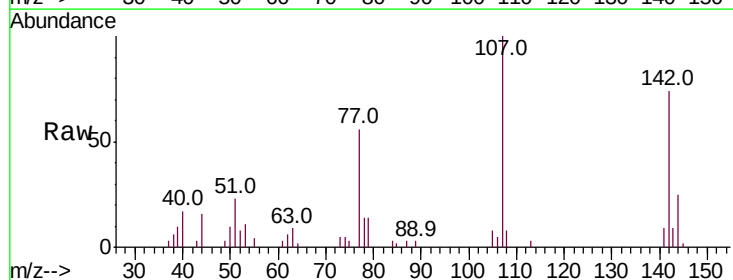
Tgt Ion: 107 Resp: 31689

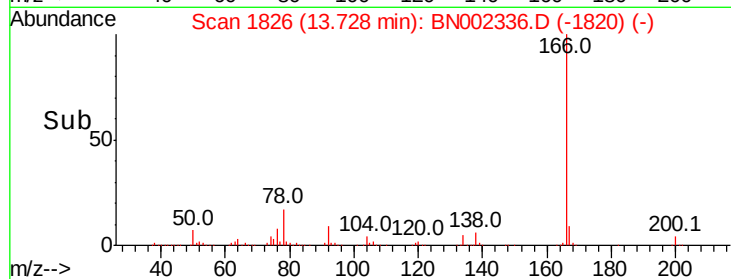
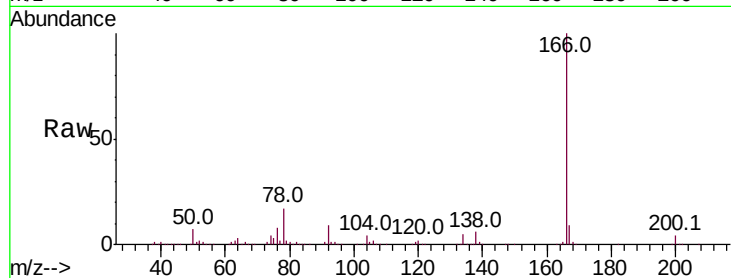
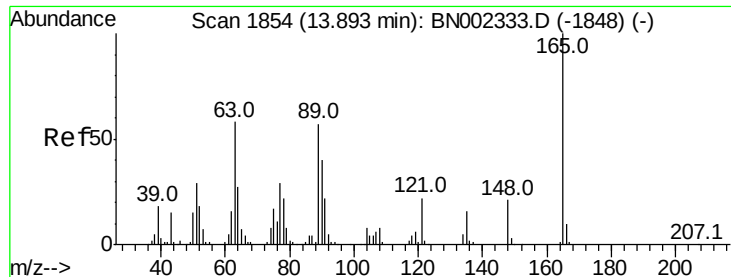
Ion Ratio Lower Upper

107 100

144 24.8 20.4 30.6

142 74.4 62.5 93.7





#45

2,6-Dinitrotoluene

Concen: 1.149 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.16 min

Lab File: BN002336.D

Acq: 15 Aug 2018 12:56

Instrument :

BNA_N

ClientSampleId :

Tot Ion:165 Resp: 8312

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

121 41.4 16.6 24.8#

Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E

