

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010384.D
 Acq On : 02 Apr 2020 09:23
 Operator : CG/JU
 Sample : L2065-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF04MS

Quant Time: Apr 02 10:38:48 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	554186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2530503	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1733497	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3985074	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	4491028	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4991873	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	17494	1.49	ng/uL	0.00
5) Phenol-d5	6.79	99	388315	8.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	780239	32.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1122813	30.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	771966	19.77	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	666715	35.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	769654	38.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	1469834	35.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	3144	0.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	4922486	37.63	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	5735701	37.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	193800	7.89	ng/ul	0.00
58) Fluorene-d10	15.23	176	4255380	37.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	802860	35.19	ng/ul	0.00
71) Anthracene-d10	17.08	188	6816145	37.25	ng/ul	0.00
79) Pyrene-d10	19.38	212	7979791	34.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	9402735	37.86	ng/ul	0.00

Target Compounds

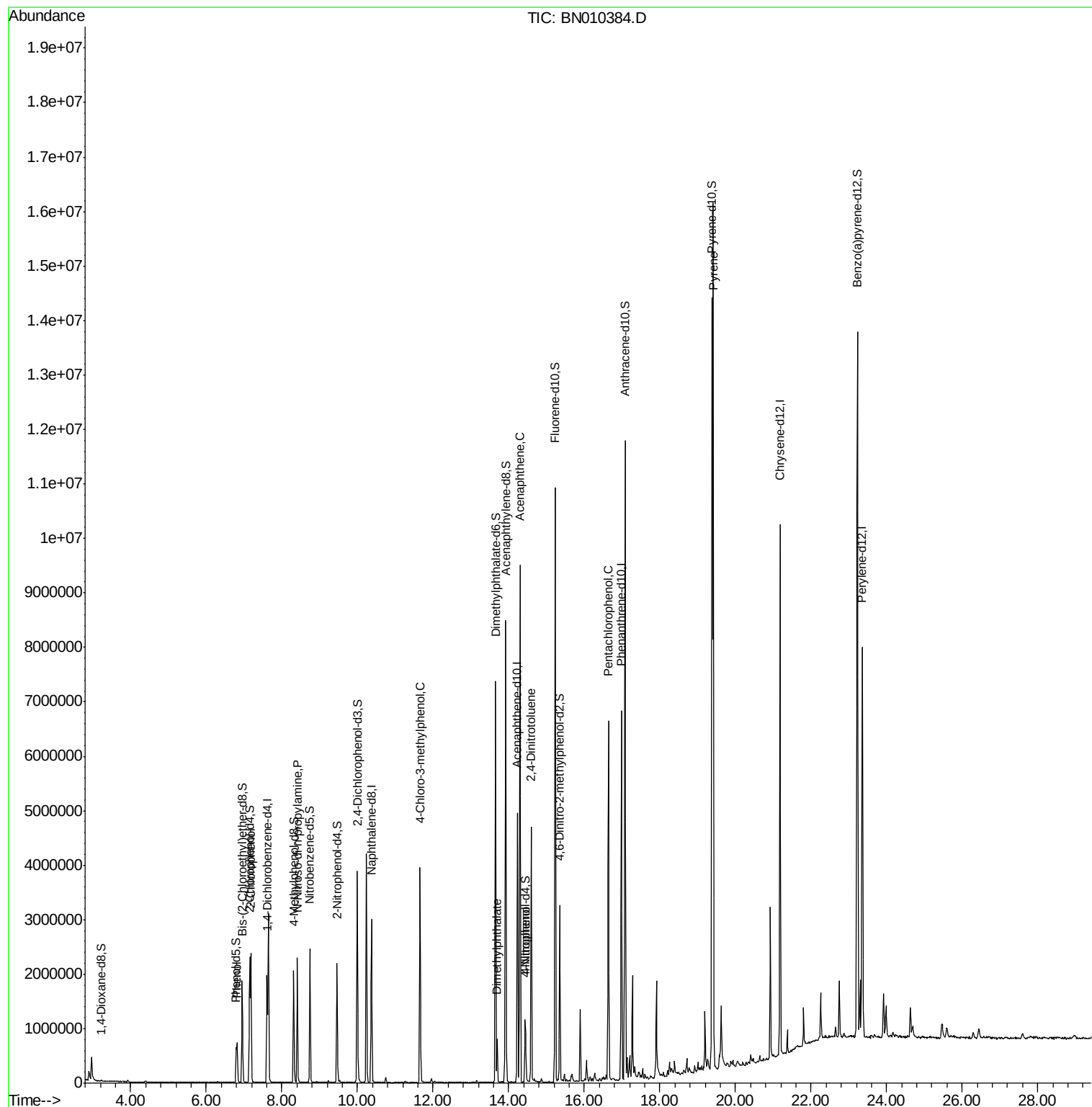
					Ovalue
6) Phenol	6.82	94	425427	8.794	ng/ul 99
10) 2-Chlorophenol	7.18	128	1139930	29.986	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.41	70	1012334	34.937	ng/ul 97
33) 4-Chloro-3-methylphenol	11.66	107	1433679	32.642	ng/ul 98
45) Dimethylphthalate	13.70	163	502804	3.723	ng/ul 99
50) Acenaphthene	14.30	153	3880104	34.265	ng/ul 97
53) 4-Nitrophenol	14.45	109	176966	9.011	ng/ul 96
55) 2,4-Dinitrotoluene	14.60	165	1407430	36.124	ng/ul 97
69) Pentachlorophenol	16.64	266	1116893	38.383	ng/ul 95
80) Pyrene	19.42	202	9664313	32.183	ng/ul 96

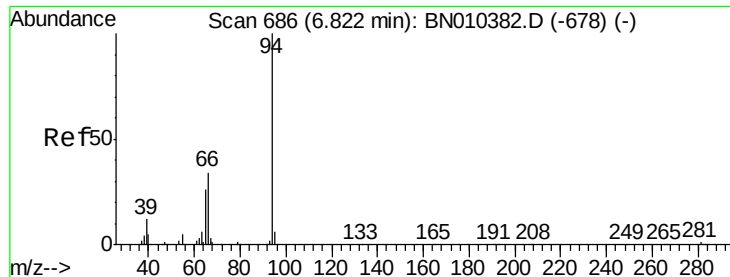
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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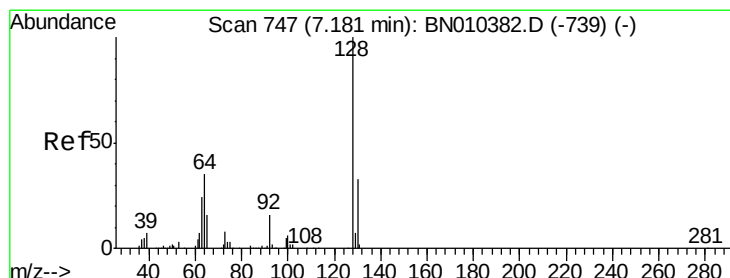
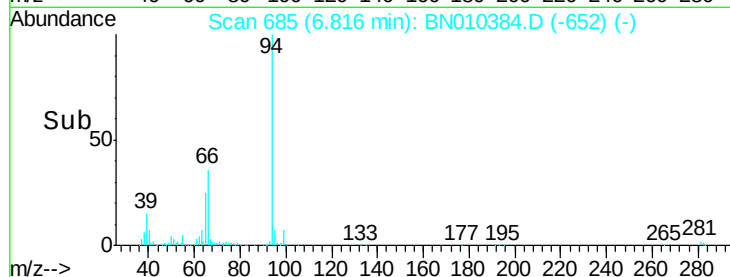
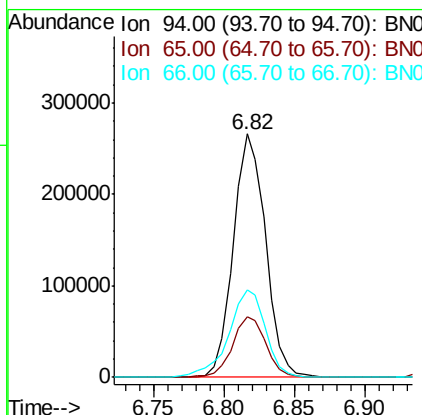
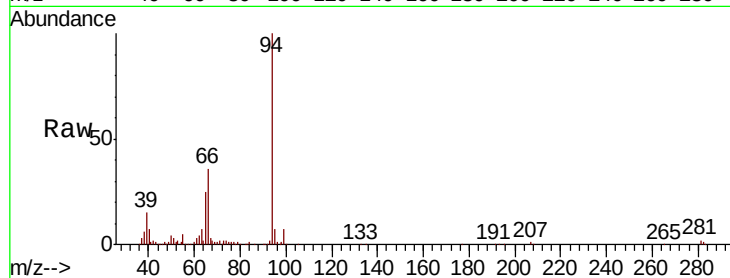
#6

Phenol

Concen: 8.794 ng/ul
 RT: 6.82 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BN010384.D
 Acq: 02 Apr 2020 09:23

Instrument :
 BNA_N
 ClientSampleId :
 DBF04MS

Tot Ion	Ratio	Lower	Upper
94	100		
65	24.8	20.1	30.1
66	35.7	27.7	41.5

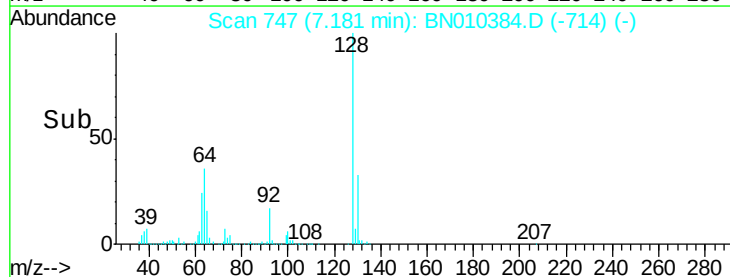
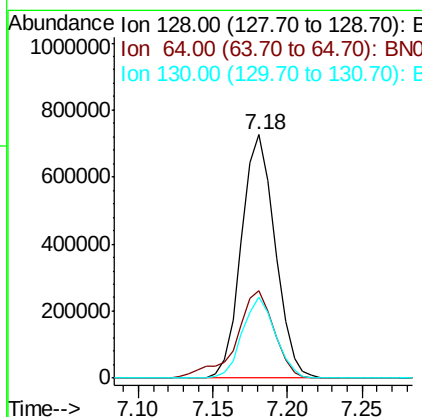
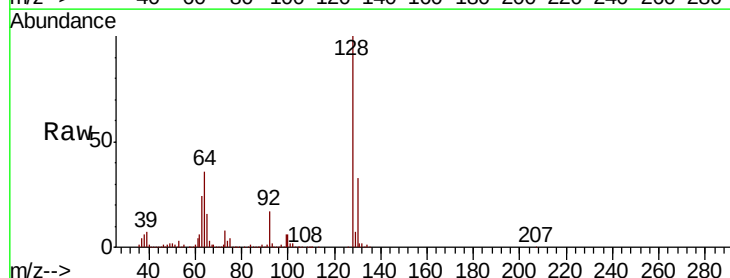


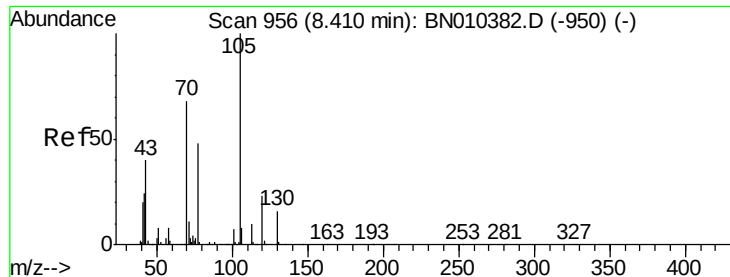
#10

2-Chlorophenol

Concen: 29.986 ng/ul
 RT: 7.18 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BN010384.D
 Acq: 02 Apr 2020 09:23

Tgt Ion	Ratio	Lower	Upper
128	100		
64	35.8	27.7	41.5
130	33.1	25.0	37.6

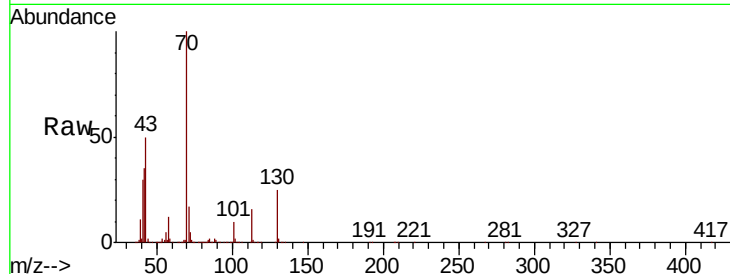




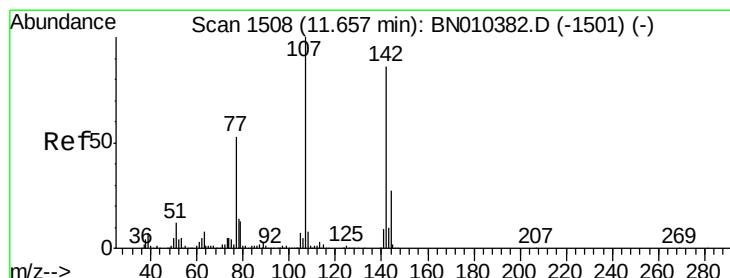
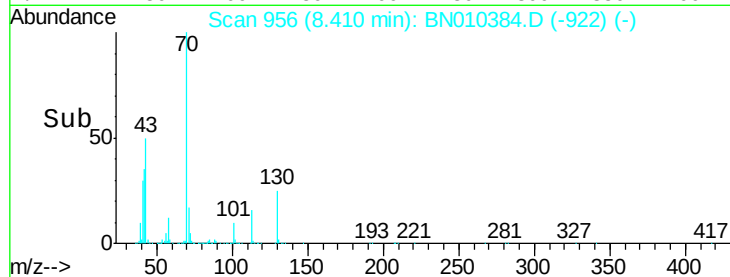
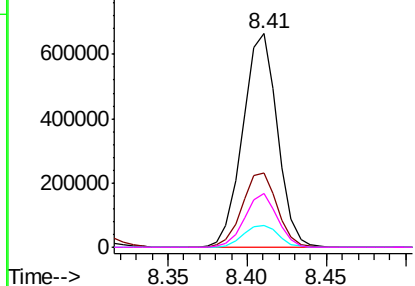
#15
N-Nitroso-di-n-propylamine
Concen: 34.937 ng/ul
RT: 8.41 min Scan# 956
Delta R.T. -0.00 min
Lab File: BN010384.D
Acq: 02 Apr 2020 09:23

Instrument :
BNA_N
ClientSampleId :
DBF04MS

Tot Ion: 70 Resp: 1012334
Ion Ratio Lower Upper
70 100
42 34.6 28.5 42.7
101 10.3 8.9 13.3
130 25.1 17.9 26.9

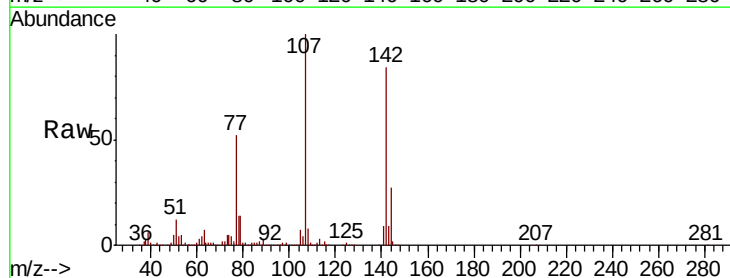


Abundance Ion 70.00 (69.70 to 70.70): BN010384.D (-922) (-)
Ion 42.00 (41.70 to 42.70): BN010384.D (-922) (-)
Ion 101.00 (100.70 to 101.70): BN010384.D (-922) (-)
Ion 130.00 (129.70 to 130.70): BN010384.D (-922) (-)

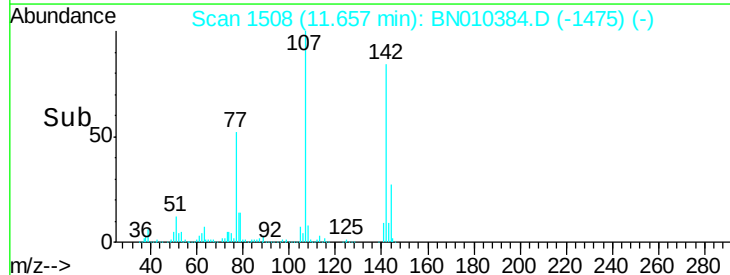
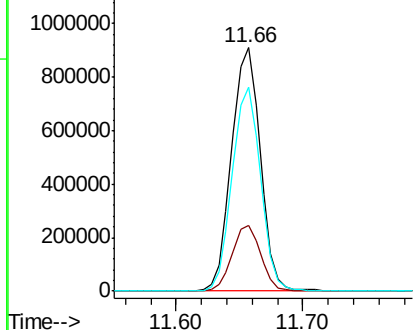


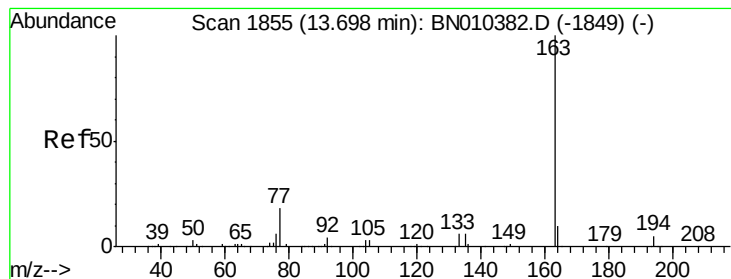
#33
4-Chloro-3-methylphenol
Concen: 32.642 ng/ul
RT: 11.66 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN010384.D
Acq: 02 Apr 2020 09:23

Tgt Ion:107 Resp: 1433679
Ion Ratio Lower Upper
107 100
144 26.8 21.3 31.9
142 83.6 68.9 103.3



Abundance Ion 107.00 (106.70 to 107.70): BN010384.D (-1475) (-)
Ion 144.00 (143.70 to 144.70): BN010384.D (-1475) (-)
Ion 142.00 (141.70 to 142.70): BN010384.D (-1475) (-)





#45

Dimethylphthalate

Concen: 3.723 ng/ul

RT: 13.70 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN010384.D

Acq: 02 Apr 2020 09:23

Instrument :

BNA_N

ClientSampleId :

DBF04MS

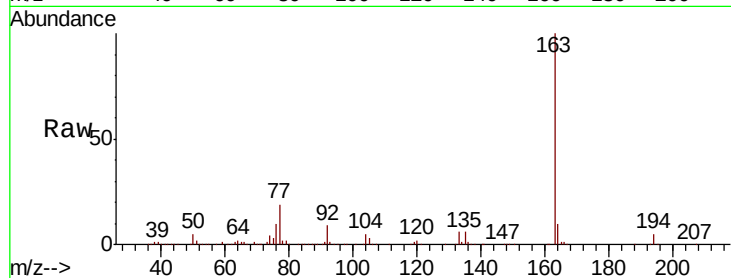
Tot Ion:163 Resp: 502804

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

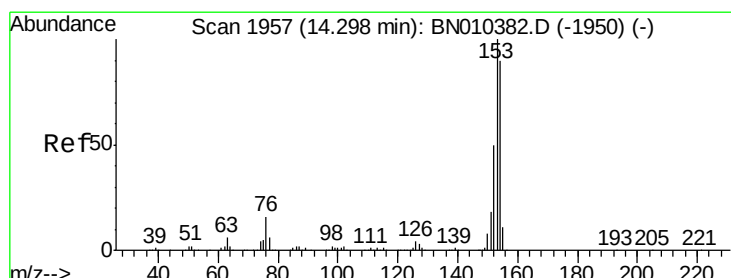
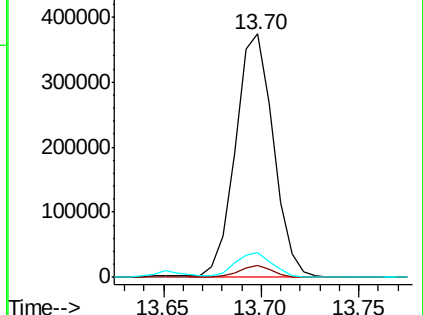
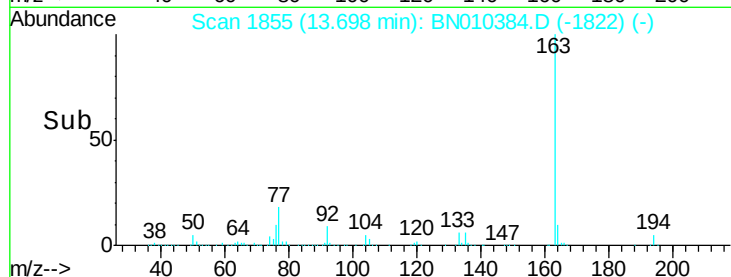
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

Acenaphthene

Concen: 34.265 ng/ul

RT: 14.30 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BN010384.D

Acq: 02 Apr 2020 09:23

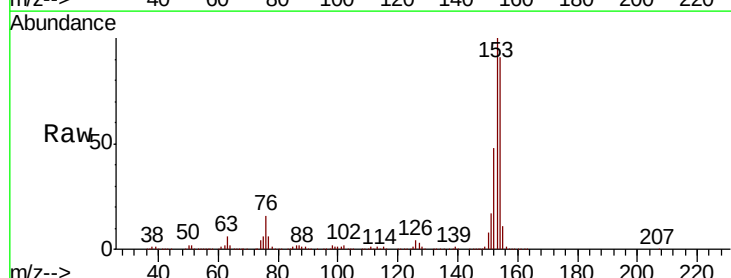
Tgt Ion:153 Resp: 3880104

Ion Ratio Lower Upper

153 100

152 47.5 37.8 56.6

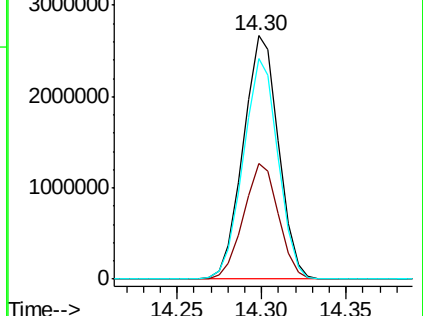
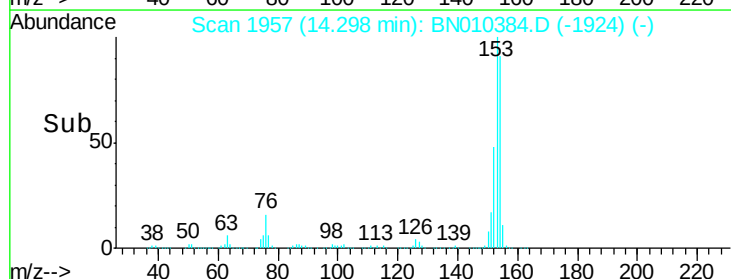
154 90.6 69.1 103.7

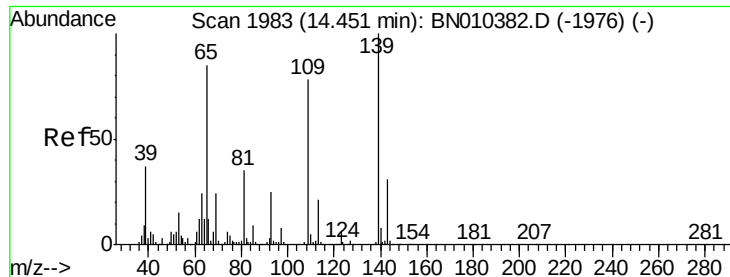


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 9.011 ng/ul

RT: 14.45 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BN010384.D

Acq: 02 Apr 2020 09:23

Instrument :

BNA_N

ClientSampleId :

DBF04MS

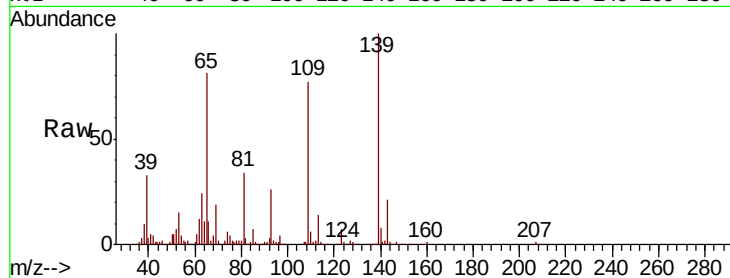
Tot Ion:109 Resp: 176966

Ion Ratio Lower Upper

109 100

139 129.5 106.1 159.1

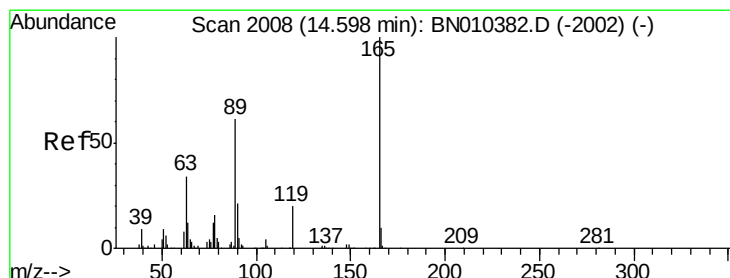
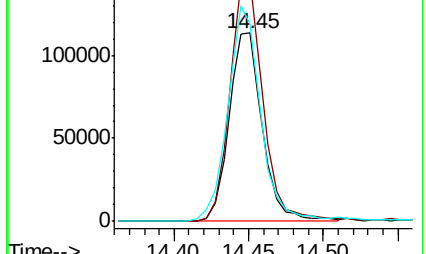
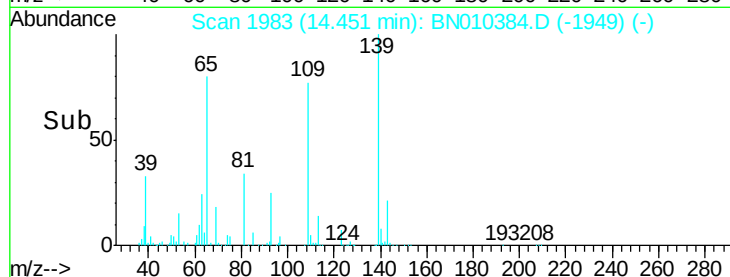
65 105.3 89.0 133.6



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#55

2,4-Dinitrotoluene

Concen: 36.124 ng/ul

RT: 14.60 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BN010384.D

Acq: 02 Apr 2020 09:23

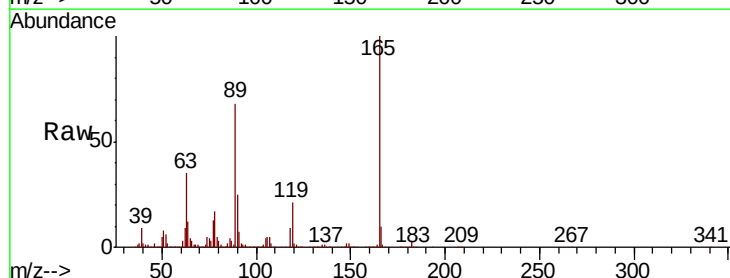
Tgt Ion:165 Resp: 1407430

Ion Ratio Lower Upper

165 100

63 35.2 26.5 39.7

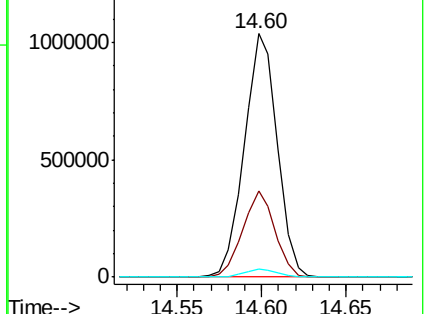
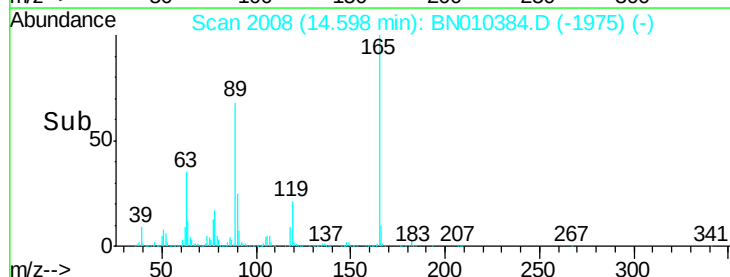
182 3.1 2.6 3.8

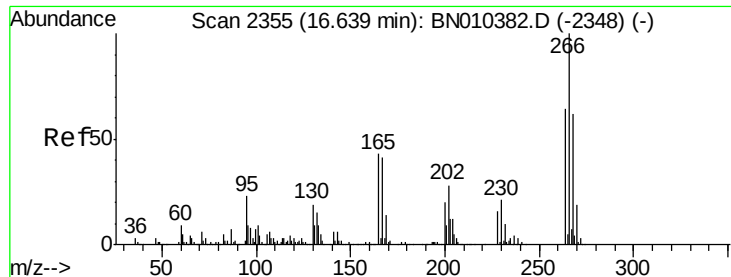


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 38.383 ng/ul

RT: 16.64 min Scan# 2355

Delta R.T. -0.00 min

Lab File: BN010384.D

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DBF04MS

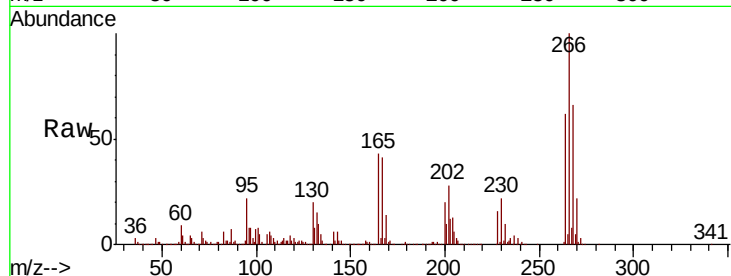
Tot Ion:266 Resp: 1116893

Ion Ratio Lower Upper

266 100

264 62.4 48.7 73.1

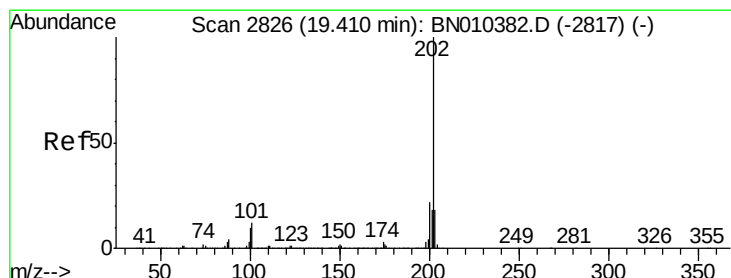
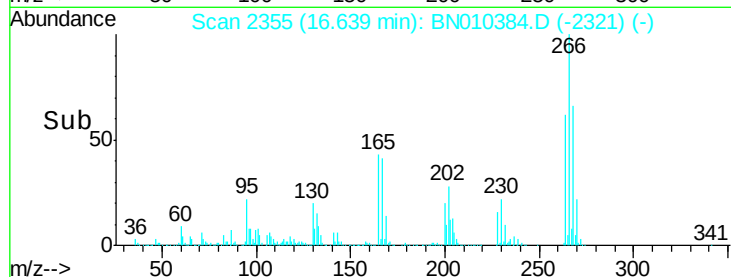
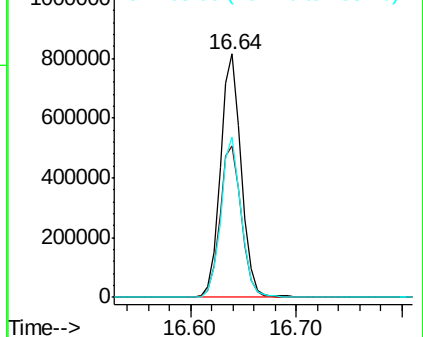
268 66.1 47.8 71.6



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#80

Pyrene

Concen: 32.183 ng/ul

RT: 19.42 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BN010384.D

Acq: 02 Apr 2020 09:23

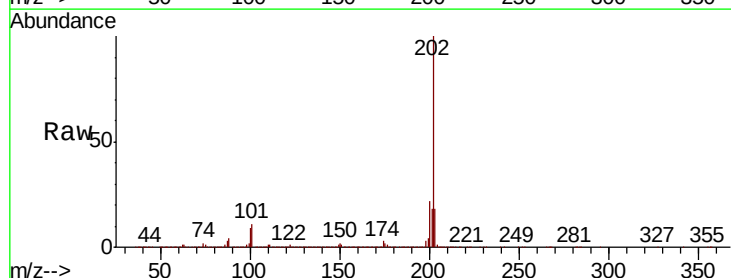
Tgt Ion:202 Resp: 9664313

Ion Ratio Lower Upper

202 100

101 10.5 9.6 14.4

100 8.9 8.1 12.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

