

Data File : BN009751.D  
Acq On : 18 Feb 2020 20:02  
Operator : CG/JU  
Sample : L1541-04MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBD33MS

Quant Time: Feb 19 03:39:47 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN021220MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Feb 19 03:37:25 2020  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.42  | 152  | 121697   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.16 | 136  | 505493   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.05 | 164  | 313133   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.81 | 188  | 681671   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.03 | 240  | 659944   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.14 | 264  | 668106   | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| System Monitoring Compounds    |       |     |         |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.05  | 96  | 14260   | 4.82  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.62  | 99  | 57867   | 5.59  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.77  | 67  | 195348  | 27.35 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.96  | 132 | 175807  | 22.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.13  | 113 | 111350  | 13.52 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.56  | 128 | 109162  | 29.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.27  | 143 | 116569  | 28.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.80  | 165 | 197920  | 25.45 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.35 | 131 | 12048   | 1.38  | ng/ul | 0.03 |
| 44) Dimethylphthalate-d6       | 13.48 | 166 | 765703  | 32.74 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.74 | 160 | 853923  | 31.00 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.30 | 143 | 19737   | 4.62  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.06 | 176 | 655925  | 32.48 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.21 | 200 | 111102  | 26.24 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.91 | 188 | 1048875 | 33.57 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.22 | 212 | 1176479 | 34.11 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.00 | 264 | 1187748 | 35.60 | ng/ul | 0.00 |

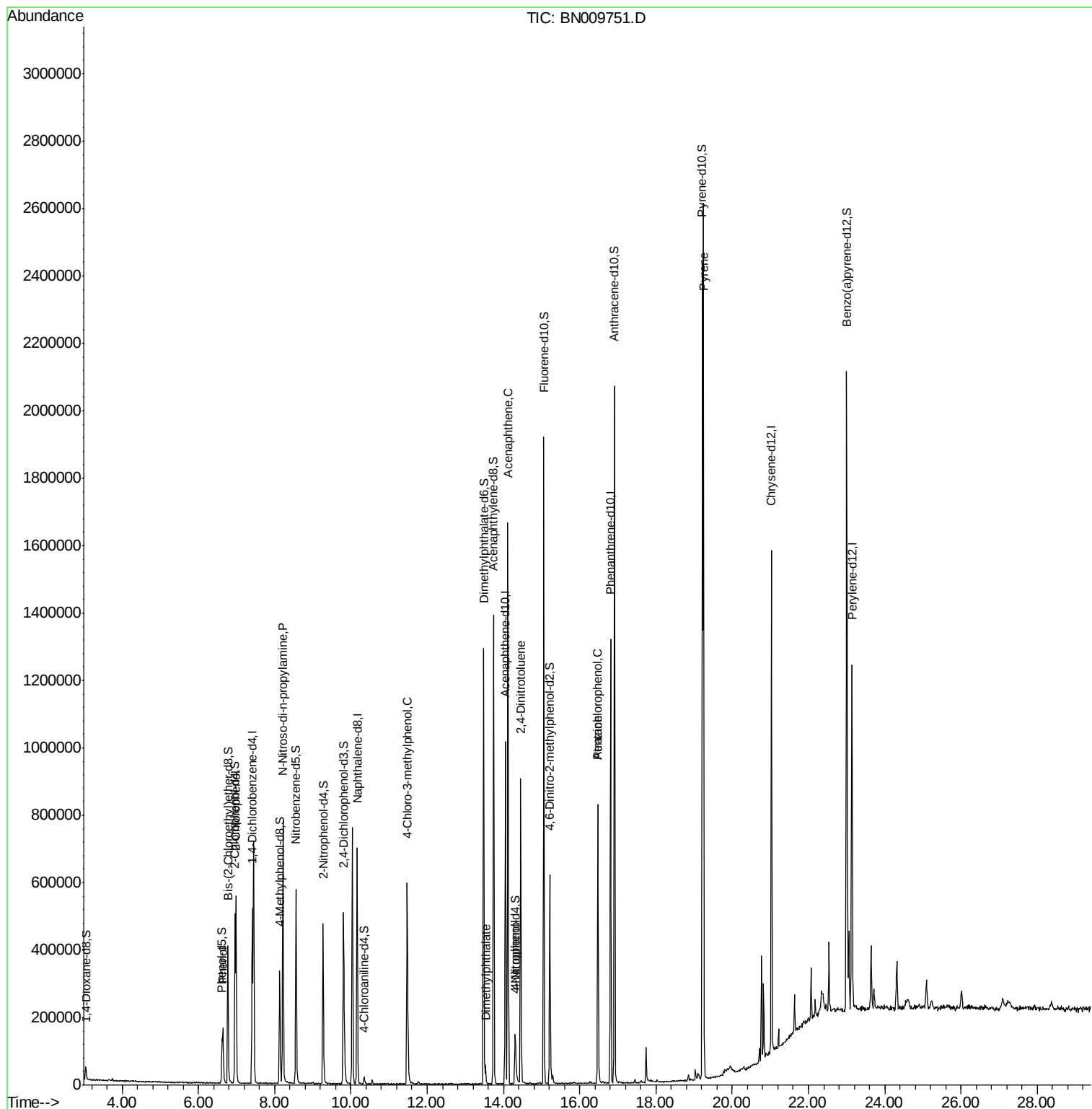
|                                |       |     |         |        |        |    |
|--------------------------------|-------|-----|---------|--------|--------|----|
| Target Compounds               |       |     |         | Qvalue |        |    |
| 6) Phenol                      | 6.64  | 94  | 66728   | 6.016  | ng/ul  | 91 |
| 10) 2-Chlorophenol             | 6.99  | 128 | 181648  | 22.129 | ng/ul  | 97 |
| 15) N-Nitroso-di-n-propylamine | 8.22  | 70  | 207642  | 29.618 | ng/ul  | 98 |
| 33) 4-Chloro-3-methylphenol    | 11.48 | 107 | 222345  | 24.780 | ng/ul  | 98 |
| 45) Dimethylphthalate          | 13.53 | 163 | 30537   | 1.251  | ng/ul# | 97 |
| 50) Acenaphthene               | 14.12 | 153 | 609480  | 29.819 | ng/ul  | 99 |
| 53) 4-Nitrophenol              | 14.31 | 109 | 19671   | 5.103  | ng/ul  | 92 |
| 55) 2,4-Dinitrotoluene         | 14.46 | 165 | 222003  | 31.352 | ng/ul# | 75 |
| 68) Atrazine                   | 16.47 | 200 | 22913   | 2.986  | ng/ul# | 33 |
| 69) Pentachlorophenol          | 16.47 | 266 | 128398  | 29.437 | ng/ul  | 95 |
| 80) Pyrene                     | 19.25 | 202 | 1532394 | 32.207 | ng/ul  | 98 |

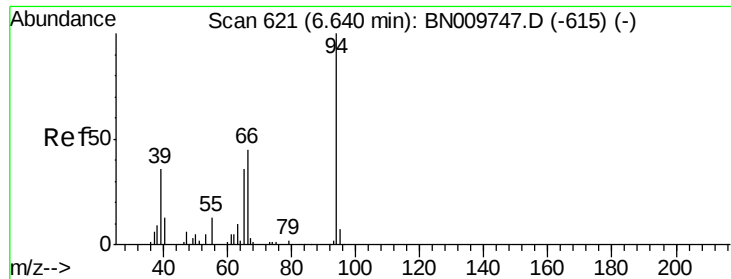
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.016 ng/ul

RT: 6.64 min Scan# 621

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

Instrument :

BNA\_N

ClientSampleId :

DBD33MS

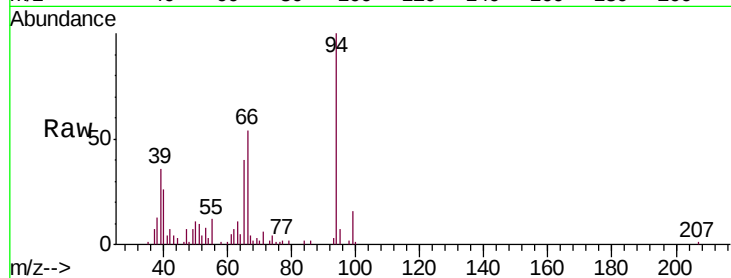
Tgt Ion: 94 Resp: 66728

Ion Ratio Lower Upper

94 100

65 40.1 27.6 41.4

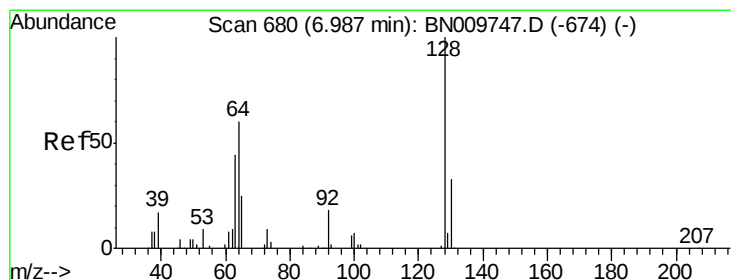
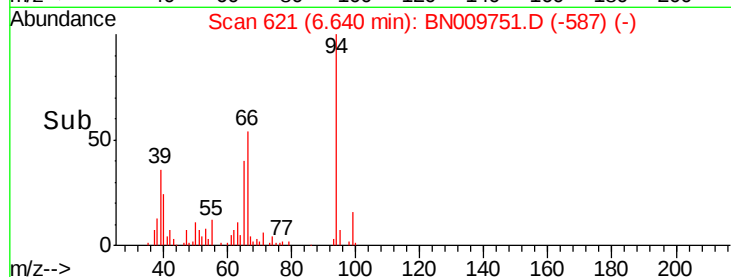
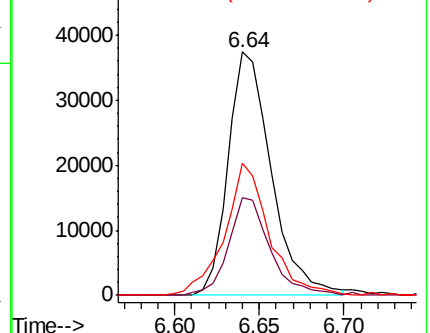
66 54.4 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN009747.D (-615) (-)

Ion 65.00 (64.70 to 65.70): BN009747.D (-615) (-)

Ion 66.00 (65.70 to 66.70): BN009747.D (-615) (-)



#10

2-Chlorophenol

Concen: 22.129 ng/ul

RT: 6.99 min Scan# 680

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

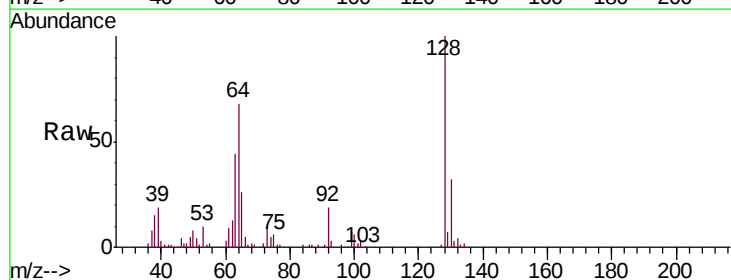
Tgt Ion: 128 Resp: 181648

Ion Ratio Lower Upper

128 100

64 67.7 52.5 78.7

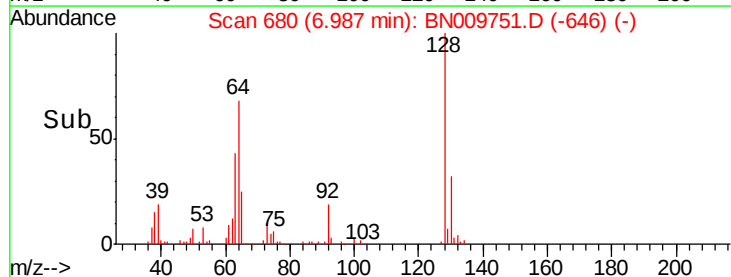
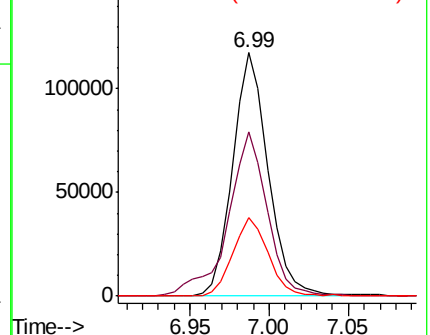
130 32.5 24.4 36.6

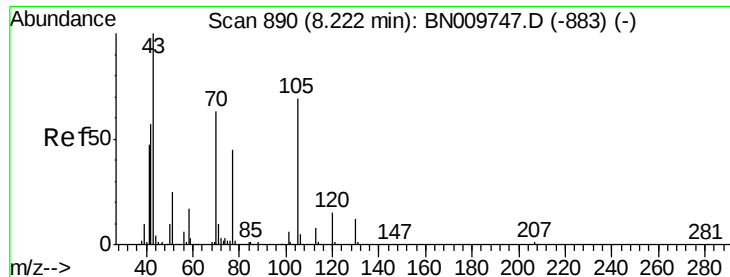


Abundance Ion 128.00 (127.70 to 128.70): BN009747.D (-674) (-)

Ion 64.00 (63.70 to 64.70): BN009747.D (-674) (-)

Ion 130.00 (129.70 to 130.70): BN009747.D (-674) (-)

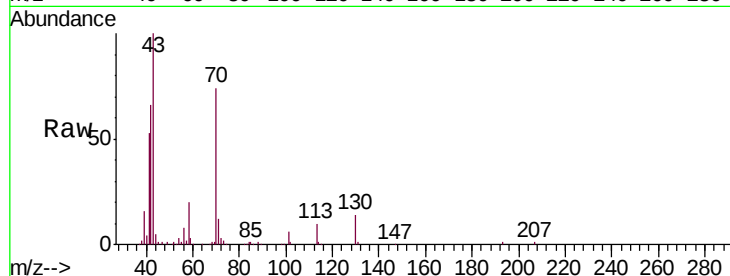




#15  
N-Nitroso-di-n-propylamine  
Concen: 29.618 ng/ul  
RT: 8.22 min Scan# 889  
Delta R.T. -0.01 min  
Lab File: BN009751.D  
Acq: 18 Feb 2020 20:02

Instrument :  
BNA\_N  
ClientSampleId :  
DBD33MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 207642 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 89.1  | 72.6  | 108.8  |
| 101      | 8.2   | 7.7   | 11.5   |
| 130      | 19.6  | 14.7  | 22.1   |

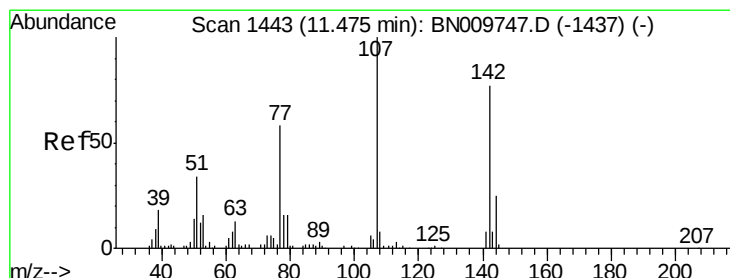
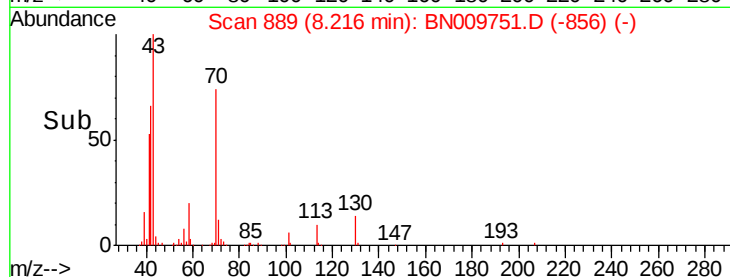
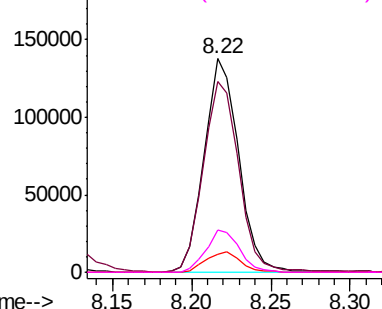


Abundance Ion 70.00 (69.70 to 70.70): BN009751.D (-883) (-)

Ion 42.00 (41.70 to 42.70): BN009751.D (-883) (-)

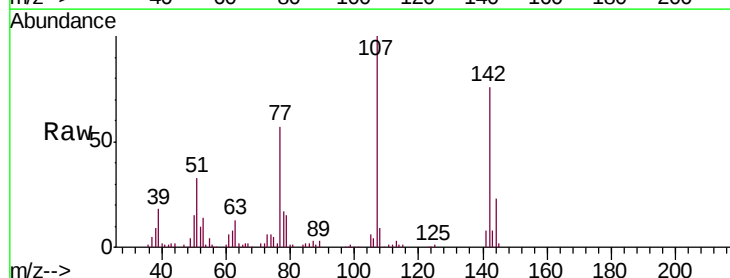
Ion 101.00 (100.70 to 101.70): BN009751.D (-883) (-)

Ion 130.00 (129.70 to 130.70): BN009751.D (-883) (-)



#33  
4-Chloro-3-methylphenol  
Concen: 24.780 ng/ul  
RT: 11.48 min Scan# 1443  
Delta R.T. 0.00 min  
Lab File: BN009751.D  
Acq: 18 Feb 2020 20:02

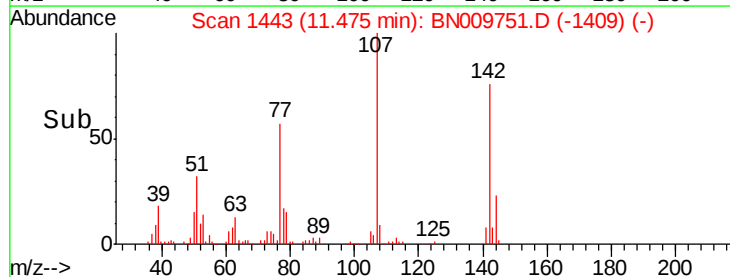
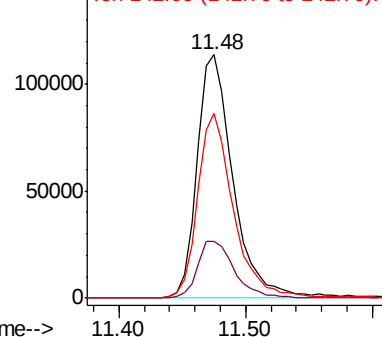
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 222345 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 144      | 23.5  | 19.3  | 28.9   |
| 142      | 75.9  | 59.5  | 89.3   |

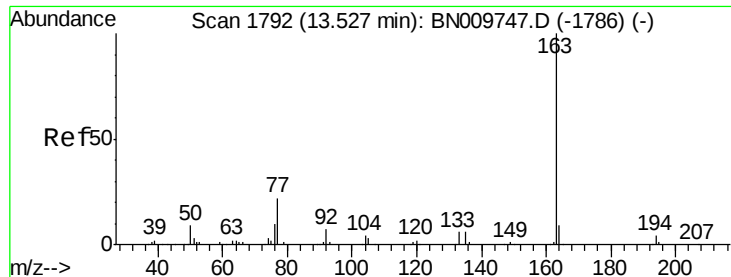


Abundance Ion 107.00 (106.70 to 107.70): BN009751.D (-1437) (-)

Ion 144.00 (143.70 to 144.70): BN009751.D (-1437) (-)

Ion 142.00 (141.70 to 142.70): BN009751.D (-1437) (-)





#45

Dimethylphthalate

Concen: 1.251 ng/ul

RT: 13.53 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

Instrument :

BNA\_N

ClientSampleId :

DBD33MS

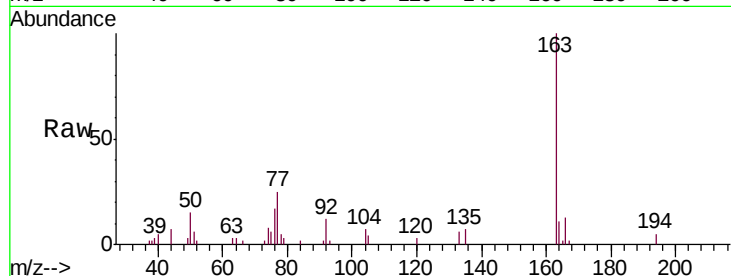
Tgt Ion:163 Resp: 30537

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.0#

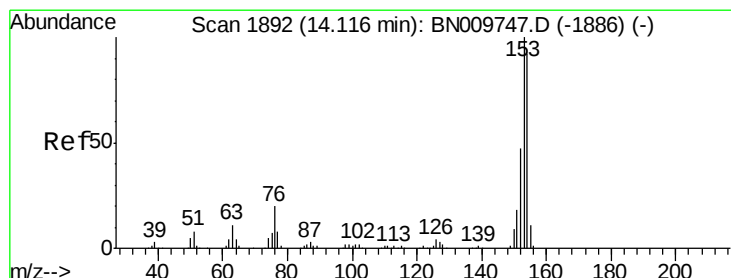
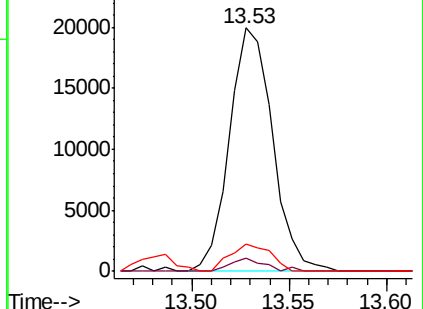
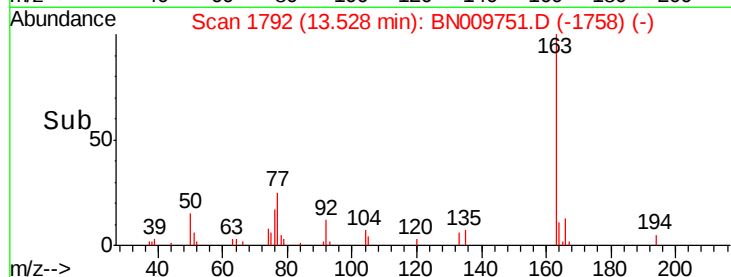
164 11.3 8.0 12.0



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: 29.819 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

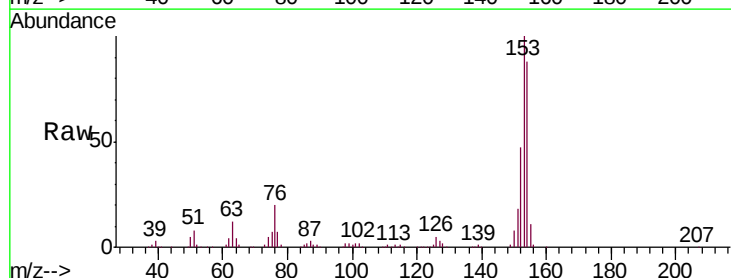
Tgt Ion:153 Resp: 609480

Ion Ratio Lower Upper

153 100

152 46.9 36.6 54.8

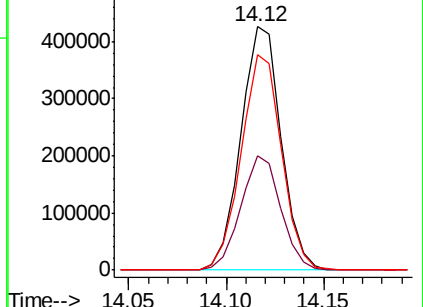
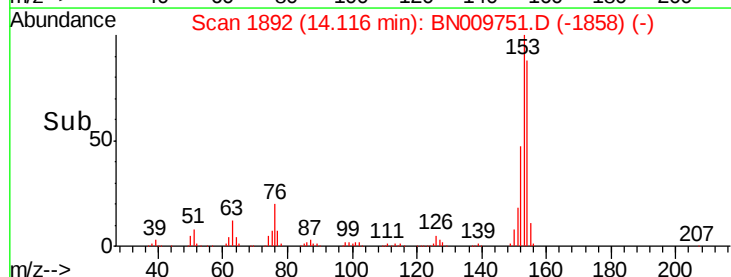
154 88.3 70.6 106.0

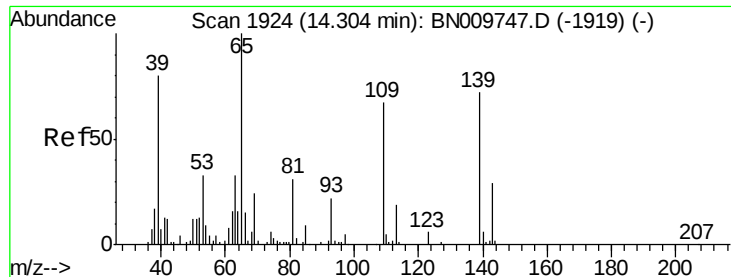


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 5.103 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. 0.01 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

Instrument :

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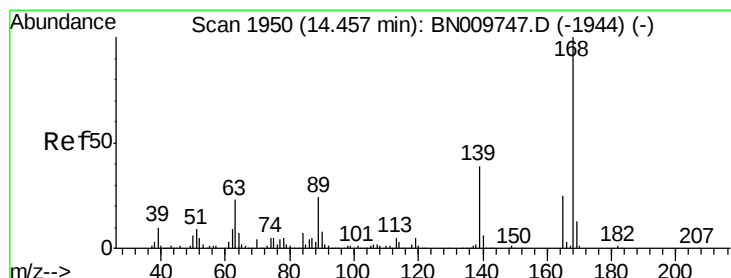
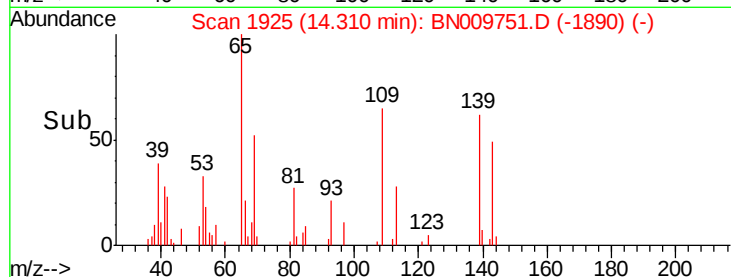
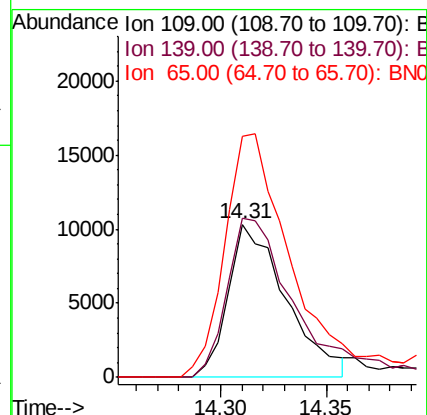
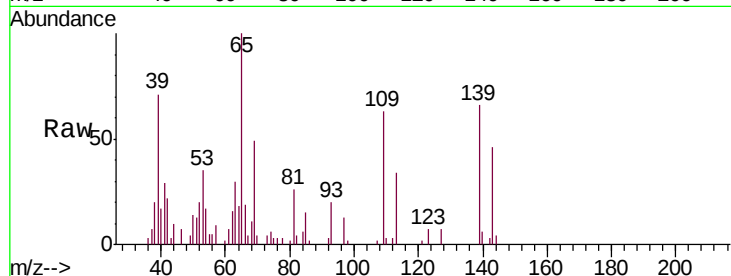
Tgt Ion:109 Resp: 19671

Ion Ratio Lower Upper

109 100

139 104.5 96.3 144.5

65 158.0 129.9 194.9



#55

2,4-Dinitrotoluene

Concen: 31.352 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

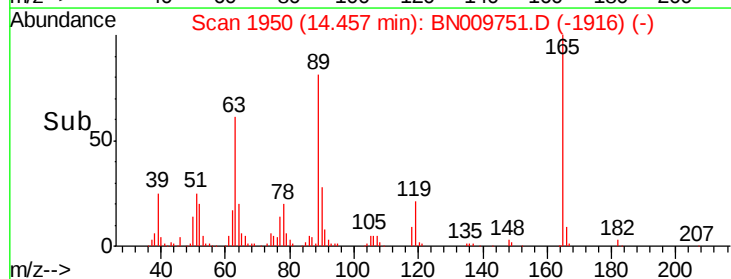
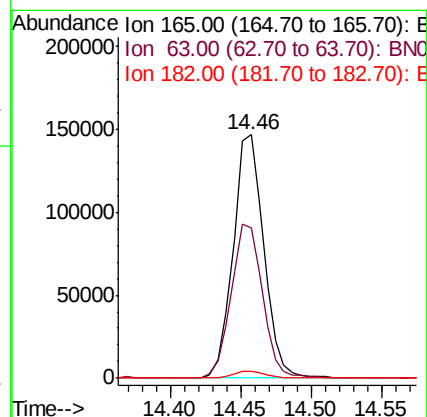
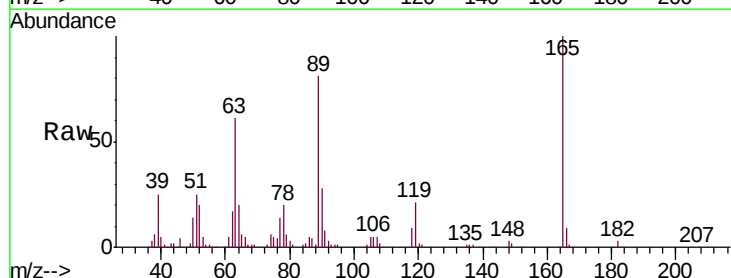
Tgt Ion:165 Resp: 222003

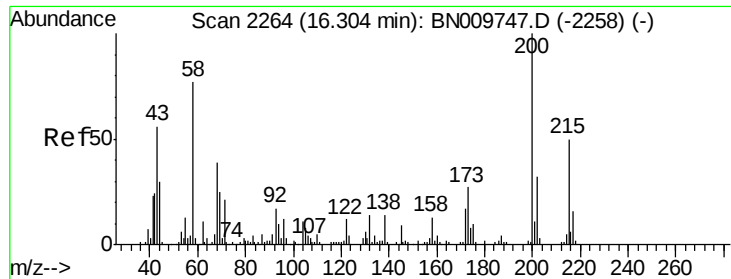
Ion Ratio Lower Upper

165 100

63 61.5 68.3 102.5#

182 2.8 2.2 3.4

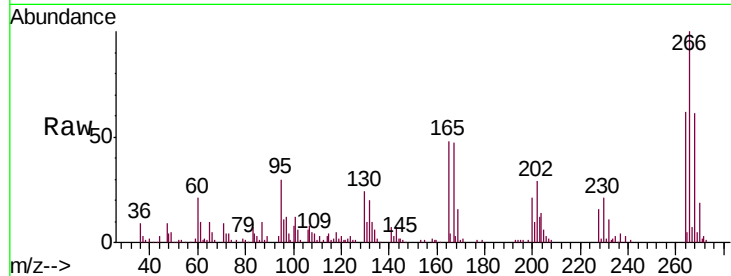




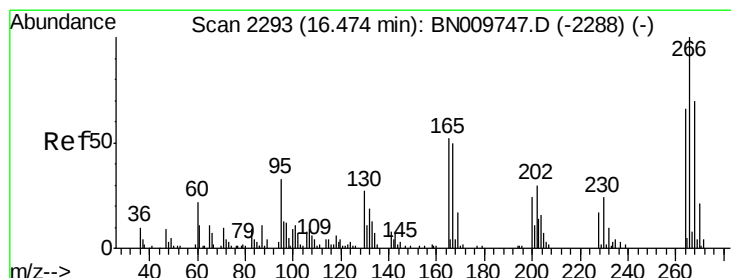
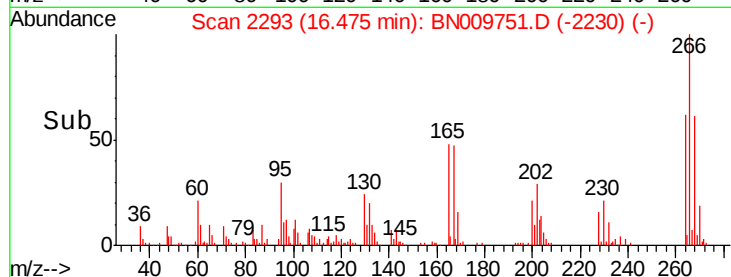
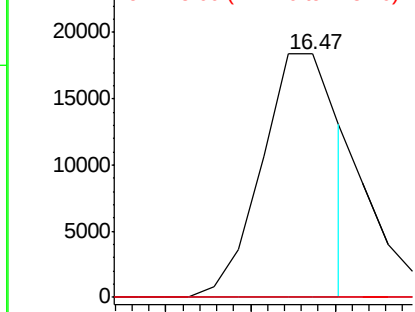
#68  
Atrazine  
Concen: 2.986 ng/ul  
RT: 16.47 min Scan# 2293  
Delta R.T. 0.17 min  
Lab File: BN009751.D  
Acq: 18 Feb 2020 20:02

Instrument :  
BNA\_N  
ClientSampled :  
DBD33MS

Tgt Ion:200 Resp: 22913  
Ion Ratio Lower Upper  
200 100  
173 0.0 22.1 33.1#  
215 0.0 41.6 62.4#

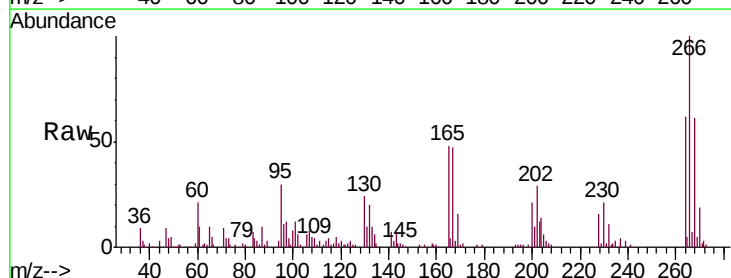


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

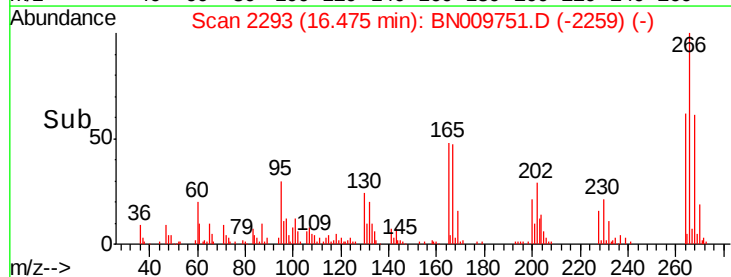
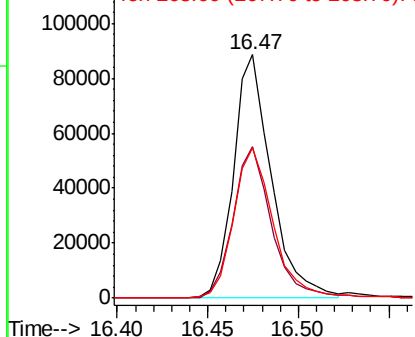


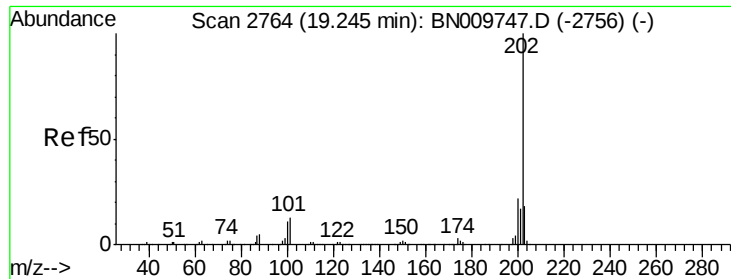
#69  
Pentachlorophenol  
Concen: 29.437 ng/ul  
RT: 16.47 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: BN009751.D  
Acq: 18 Feb 2020 20:02

Tgt Ion:266 Resp: 128398  
Ion Ratio Lower Upper  
266 100  
264 62.4 52.9 79.3  
268 61.4 52.5 78.7



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: 32.207 ng/ul

RT: 19.25 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BN009751.D

Acq: 18 Feb 2020 20:02

Instrument :

BNA\_N

ClientSampleId :

DBD33MS

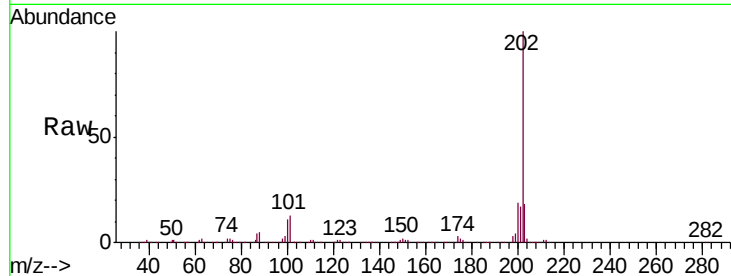
Tgt Ion:202 Resp: 1532394

Ion Ratio Lower Upper

202 100

101 13.0 11.3 16.9

100 10.9 9.0 13.6



Abundance Ion 202.00 (201.70 to 202.70): E

1500000 Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

