

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062620\  
 Data File : BM026599.D  
 Acq On : 26 Jun 2020 21:18  
 Operator : JU/CG  
 Sample : L3064-13MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ET162MS

Quant Time: Jun 26 23:23:45 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jun 26 22:52:41 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.36  | 152  | 74683    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.12 | 136  | 345175   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.02 | 164  | 227989   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.78 | 188  | 515891   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 20.99 | 240  | 611433   | 20.00 | ng/ul | -0.01    |
| 86) Perylene-d12          | 23.07 | 264  | 605935   | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 2.96  | 96  | 8977   | 4.22  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.57  | 99  | 189814 | 27.59 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.72  | 67  | 136172 | 31.29 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 6.91  | 132 | 146608 | 26.14 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.09  | 113 | 160554 | 29.65 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.52  | 128 | 74093  | 24.16 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.23  | 143 | 81019  | 24.01 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.76  | 165 | 151862 | 24.45 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.27 | 131 | 199135 | 30.74 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.45 | 166 | 521387 | 27.20 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 13.71 | 160 | 496823 | 21.61 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.27 | 143 | 67804  | 21.33 | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.03 | 176 | 330326 | 20.08 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.17 | 200 | 46519  | 13.78 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 16.88 | 188 | 474118 | 18.05 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.19 | 212 | 503783 | 15.02 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 22.94 | 264 | 419458 | 12.52 | ng/ul | -0.01 |

## Target Compounds

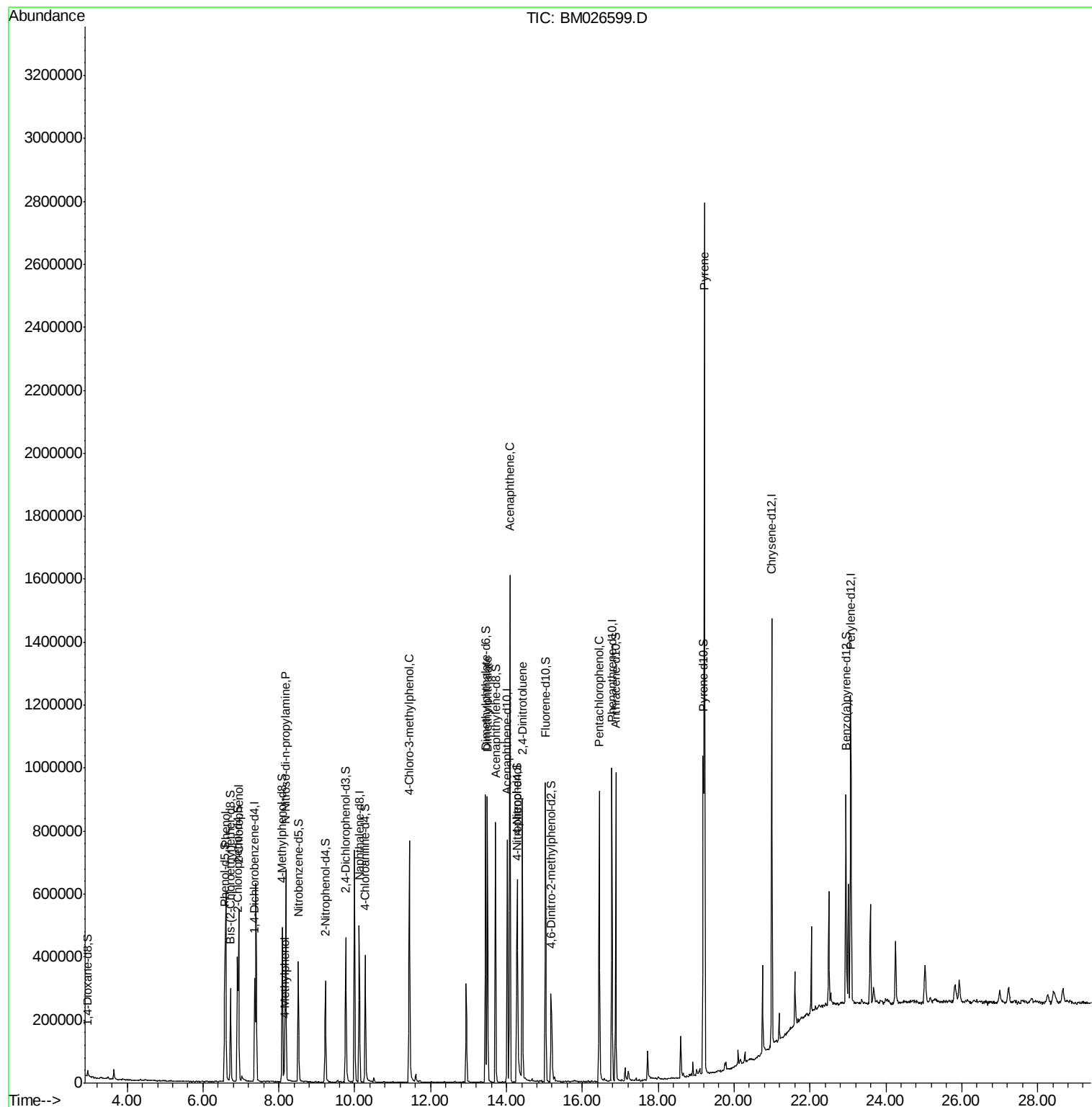
|                                |       |     |         |        | Ovalue   |
|--------------------------------|-------|-----|---------|--------|----------|
| 6) Phenol                      | 6.60  | 94  | 266722  | 35.402 | ng/ul 95 |
| 10) 2-Chlorophenol             | 6.94  | 128 | 195228  | 32.463 | ng/ul 98 |
| 15) N-Nitroso-di-n-propylamine | 8.18  | 70  | 214842  | 40.455 | ng/ul 97 |
| 16) 4-Methylphenol             | 8.15  | 108 | 12771   | 2.154  | ng/ul 98 |
| 33) 4-Chloro-3-methylphenol    | 11.44 | 107 | 259094  | 35.584 | ng/ul 98 |
| 45) Dimethylphthalate          | 13.50 | 163 | 494206  | 24.825 | ng/ul 99 |
| 50) Acenaphthene               | 14.09 | 153 | 585535  | 34.641 | ng/ul 99 |
| 53) 4-Nitrophenol              | 14.29 | 109 | 107595  | 38.767 | ng/ul 92 |
| 55) 2,4-Dinitrotoluene         | 14.42 | 165 | 209848  | 35.005 | ng/ul 92 |
| 69) Pentachlorophenol          | 16.44 | 266 | 141948  | 41.009 | ng/ul 99 |
| 80) Pyrene                     | 19.22 | 202 | 1512149 | 33.638 | ng/ul 99 |

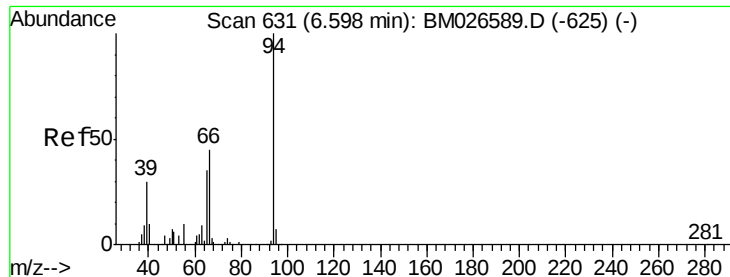
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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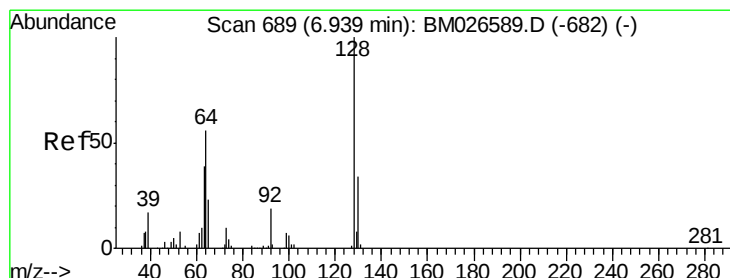
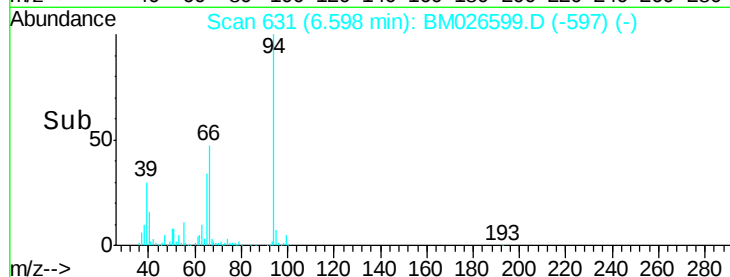
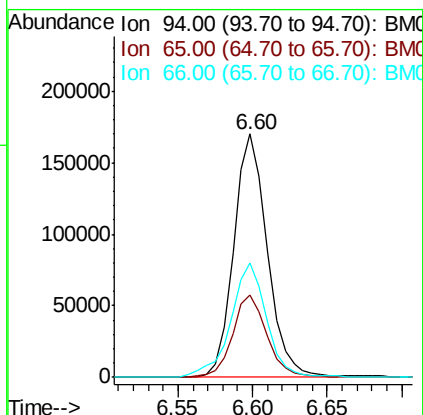
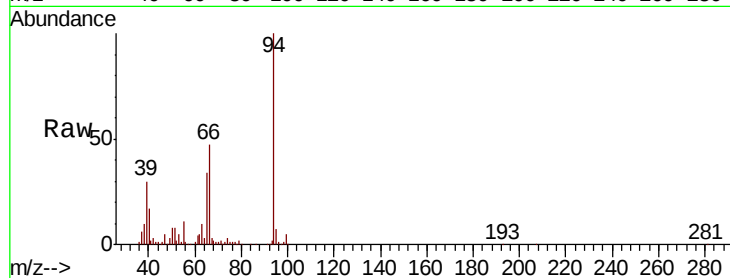
#6

Phenol

Concen: 35.402 ng/ul  
 RT: 6.60 min Scan# 631  
 Delta R.T. -0.00 min  
 Lab File: BM026599.D  
 Acq: 26 Jun 2020 21:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ET162MS

| Tot Ion | 94    | Resp  | 266722 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 94      | 100   |       |        |
| 65      | 33.9  | 25.5  | 38.3   |
| 66      | 47.2  | 34.8  | 52.2   |

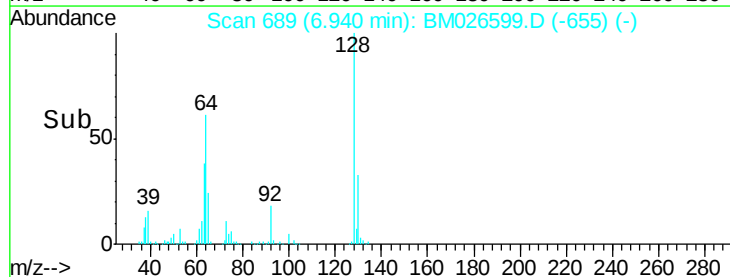
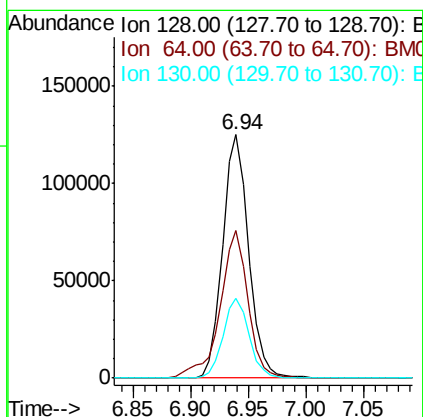
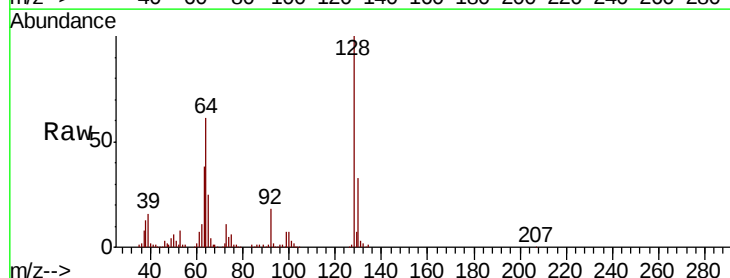


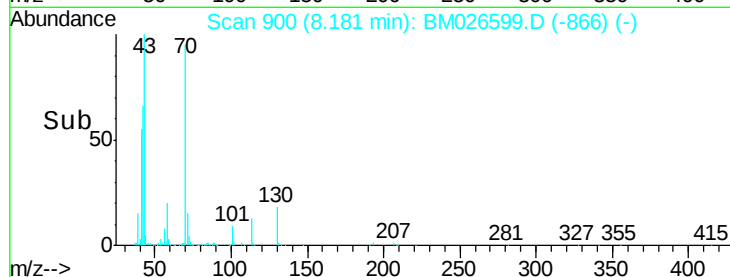
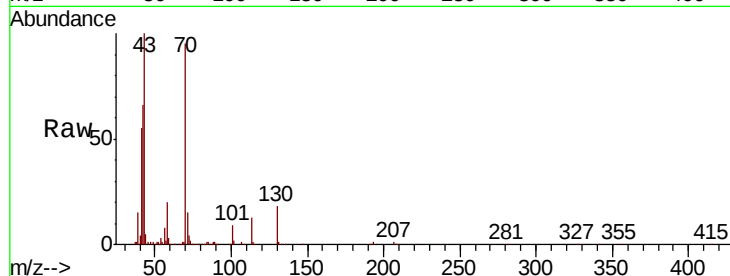
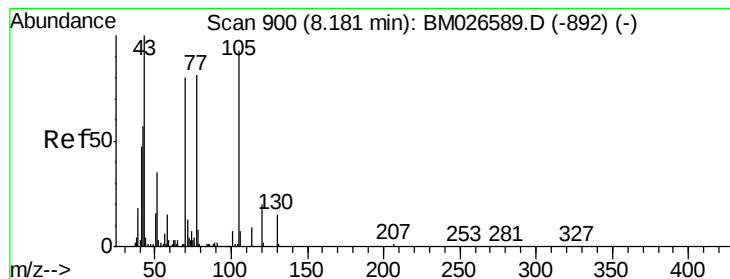
#10

2-Chlorophenol

Concen: 32.463 ng/ul  
 RT: 6.94 min Scan# 689  
 Delta R.T. -0.00 min  
 Lab File: BM026599.D  
 Acq: 26 Jun 2020 21:18

| Tgt Ion | 128   | Resp  | 195228 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 128     | 100   |       |        |
| 64      | 60.7  | 46.8  | 70.2   |
| 130     | 32.5  | 26.6  | 40.0   |





#15

N-Nitroso-di-n-propylamine

Concen: 40.455 ng/ul

RT: 8.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BM026599.D

Acq: 26 Jun 2020 21:18

Instrument :

BNA\_M

ClientSampleId :

ET162MS

Tot Ion: 70 Resp: 214842

Ion Ratio Lower Upper

70 100

42 69.9 53.3 79.9

101 9.2 7.9 11.9

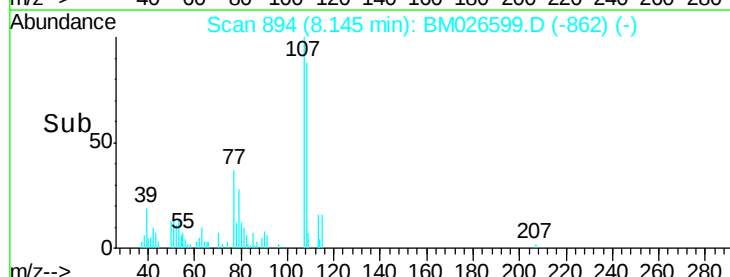
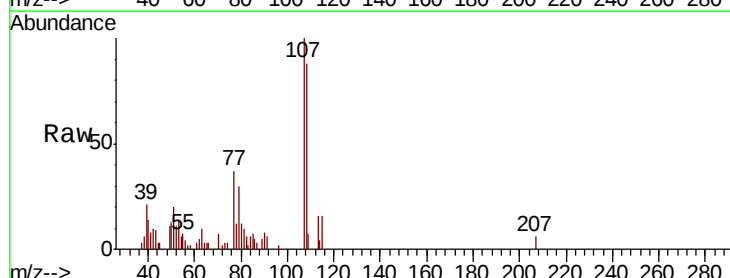
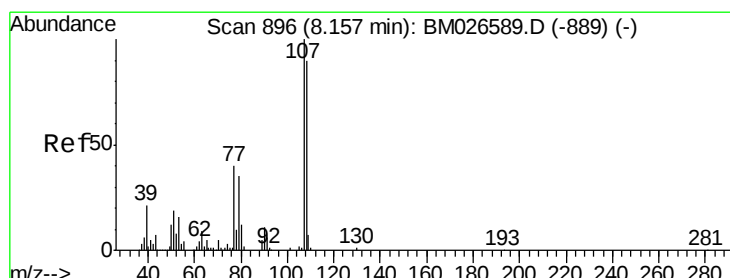
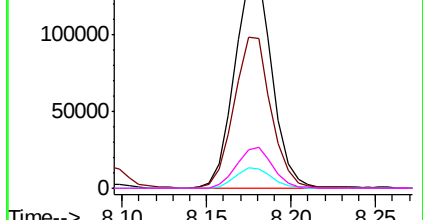
130 19.2 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BM026599.D (-866) (-)

Ion 42.00 (41.70 to 42.70): BM026599.D (-866) (-)

Ion 101.00 (100.70 to 101.70): BM026599.D (-866) (-)

Ion 130.00 (129.70 to 130.70): BM026599.D (-866) (-)



#16

4-Methylphenol

Concen: 2.154 ng/ul

RT: 8.15 min Scan# 894

Delta R.T. -0.01 min

Lab File: BM026599.D

Acq: 26 Jun 2020 21:18

Tgt Ion:108 Resp: 12771

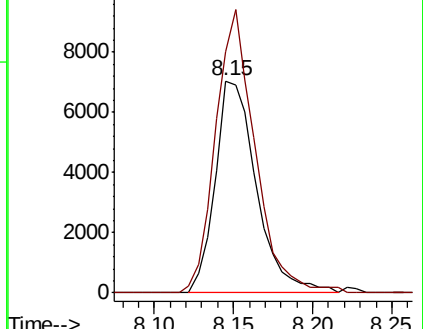
Ion Ratio Lower Upper

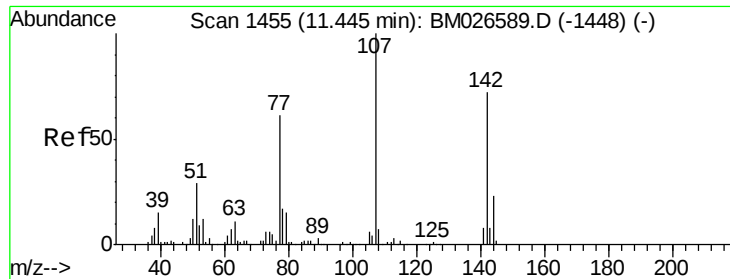
108 100

107 113.6 89.2 133.8

Abundance Ion 108.00 (107.70 to 108.70): BM026599.D (-862) (-)

Ion 107.00 (106.70 to 107.70): BM026599.D (-862) (-)

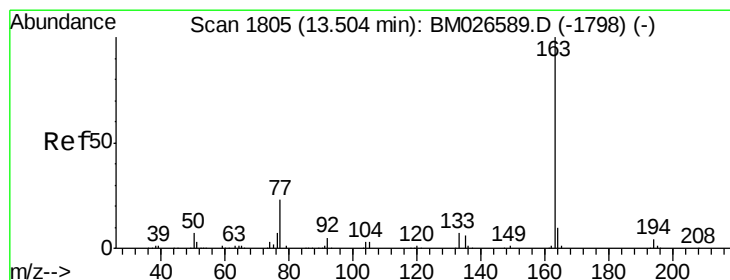
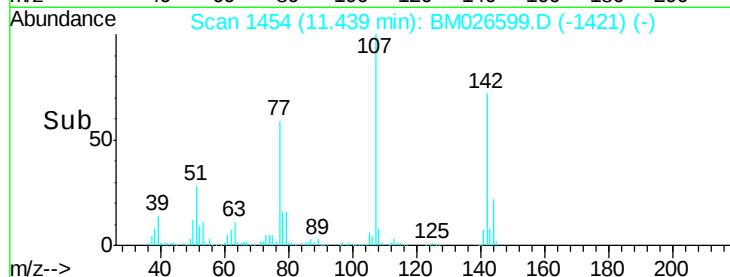
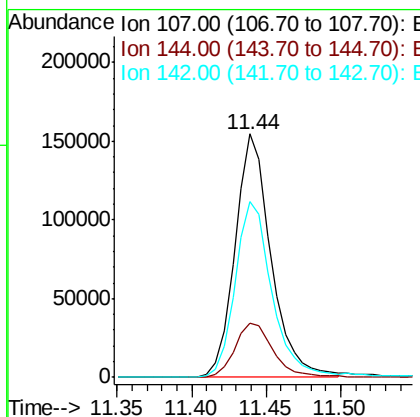
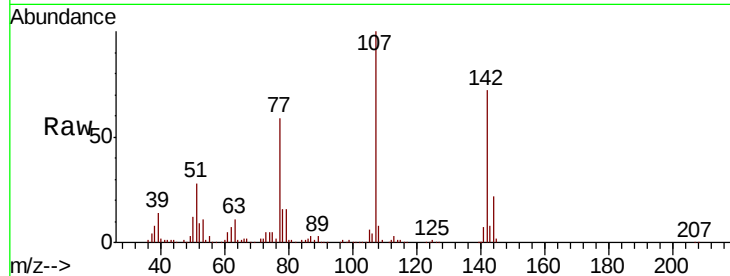




#33  
4-Chloro-3-methylphenol  
Concen: 35.584 ng/ul  
RT: 11.44 min Scan# 1454  
Delta R.T. -0.01 min  
Lab File: BM026599.D  
Acq: 26 Jun 2020 21:18

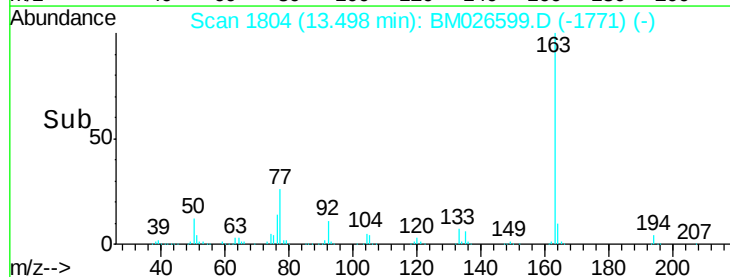
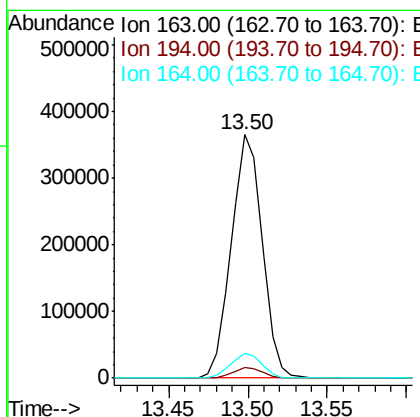
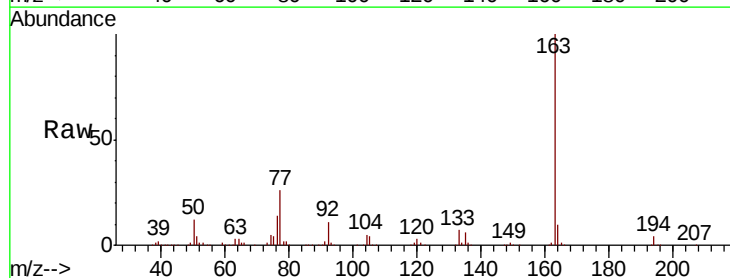
Instrument :  
BNA\_M  
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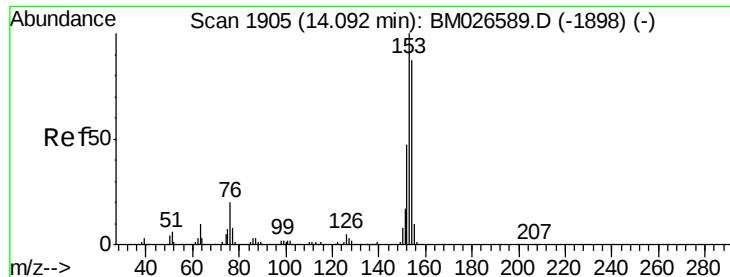
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.2  | 19.3  | 28.9  |
| 142     | 72.4  | 58.7  | 88.1  |



#45  
Dimethylphthalate  
Concen: 24.825 ng/ul  
RT: 13.50 min Scan# 1804  
Delta R.T. -0.01 min  
Lab File: BM026599.D  
Acq: 26 Jun 2020 21:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.2   | 3.4   | 5.2   |
| 164     | 10.0  | 7.8   | 11.6  |





#50

Acenaphthene

Concen: 34.641 ng/ul

RT: 14.09 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM026599.D

Acq: 26 Jun 2020 21:18

Instrument :

BNA\_M

ClientSampleId :

ET162MS

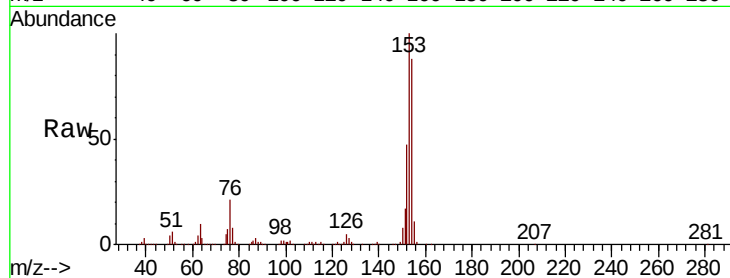
Tot Ion:153 Resp: 585535

Ion Ratio Lower Upper

153 100

152 46.8 36.4 54.6

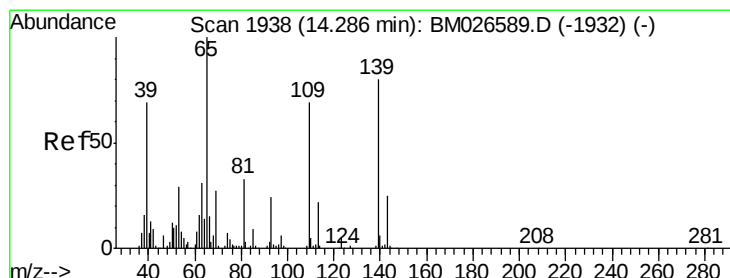
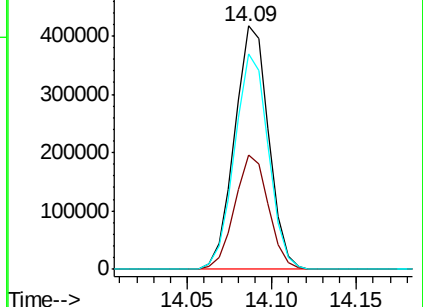
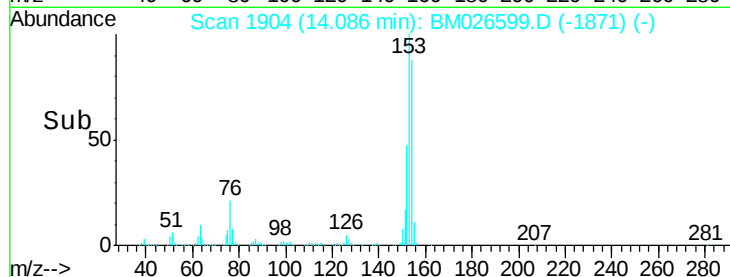
154 88.5 71.0 106.4



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: 38.767 ng/ul

RT: 14.29 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BM026599.D

Acq: 26 Jun 2020 21:18

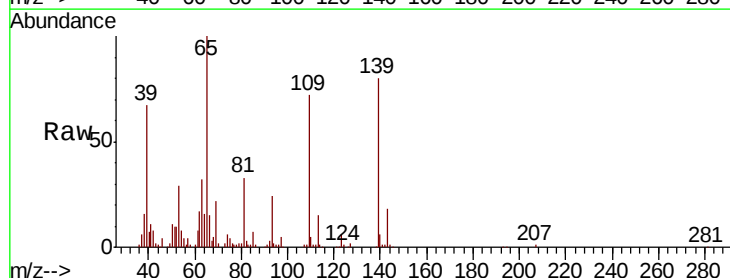
Tgt Ion:109 Resp: 107595

Ion Ratio Lower Upper

109 100

139 111.8 97.4 146.2

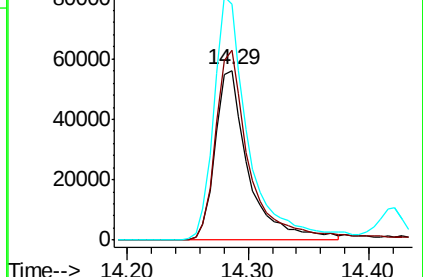
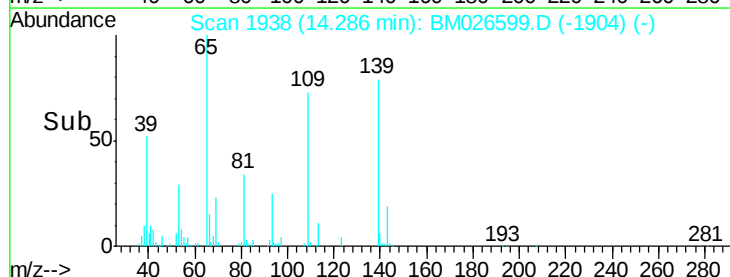
65 139.0 119.4 179.0

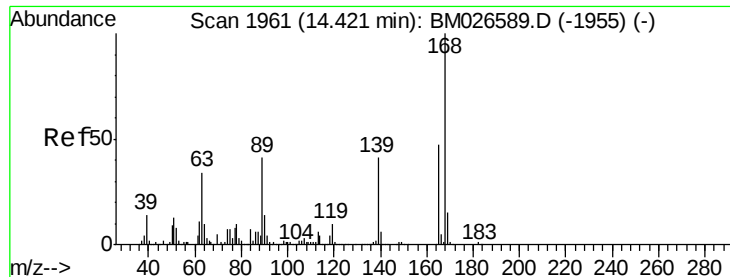


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E





#55

2,4-Dinitrotoluene

Concen: 35.005 ng/ul

RT: 14.42 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BM026599.D

Acq: 26 Jun 2020 21:18

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BNA\_M

ClientSampleId :

ET162MS

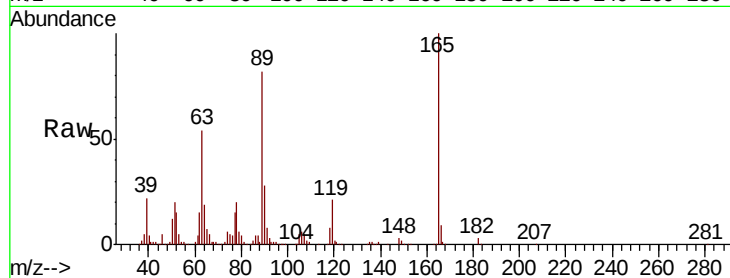
Tot Ion:165 Resp: 209848

Ion Ratio Lower Upper

165 100

63 53.5 48.0 72.0

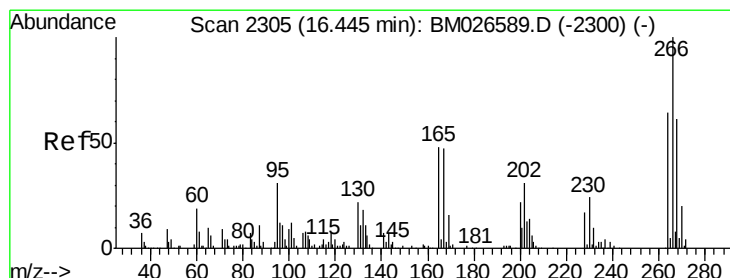
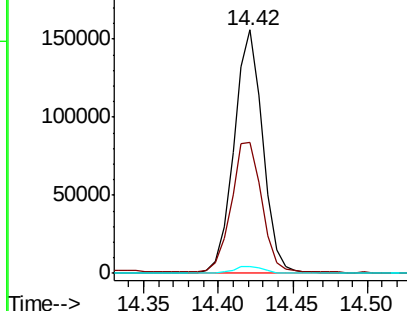
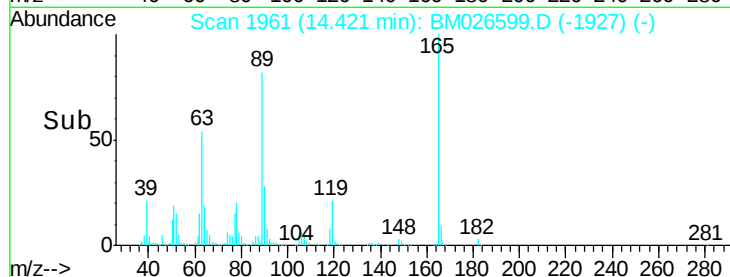
182 3.0 2.3 3.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#69

Pentachlorophenol

Concen: 41.009 ng/ul

RT: 16.44 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BM026599.D

Acq: 26 Jun 2020 21:18

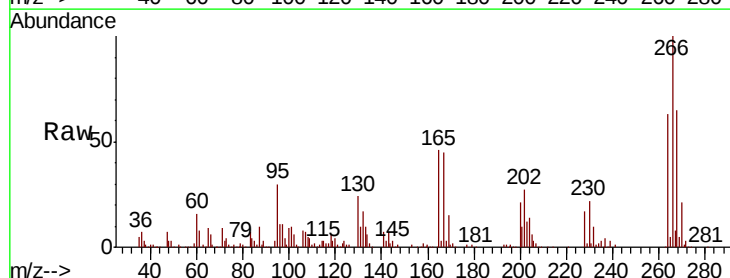
Tgt Ion:266 Resp: 141948

Ion Ratio Lower Upper

266 100

264 62.6 49.4 74.0

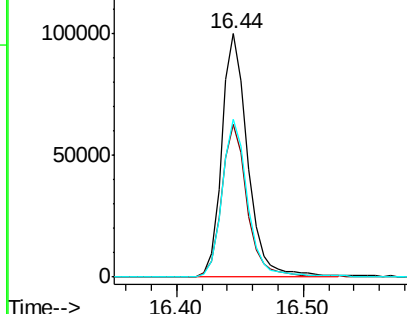
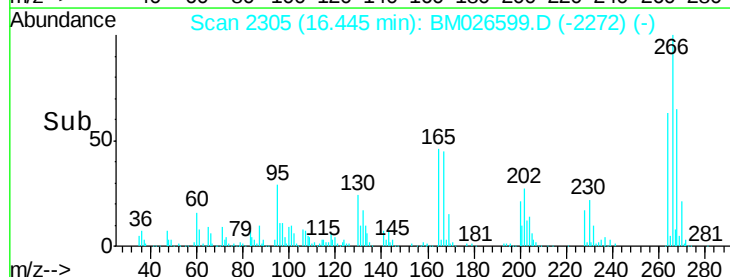
268 64.7 51.8 77.8

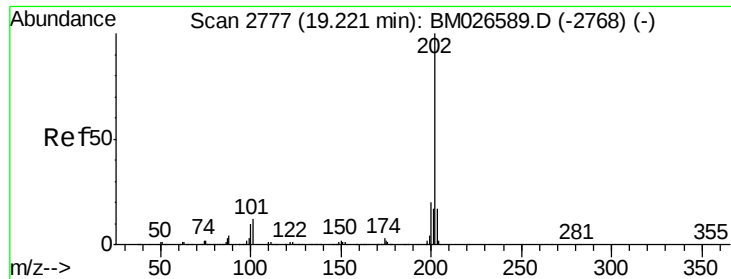


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80  
 Pvrene  
 Concen: 33.638 ng/ul  
 RT: 19.22 min Scan# 2776  
 Delta R.T. -0.01 min  
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 Acq: 26 Jun 2020 21:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ET162MS

Tot Ion: 202 Resp: 1512149  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.1  | 10.9  | 16.3  |
| 100 | 10.9  | 9.0   | 13.6  |

