

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\  
 Data File : BE095332.D  
 Acq On : 1 Feb 2018 00:08  
 Operator : SJ/JU  
 Sample : J1245-14  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 F6B75

Manual Integrations  
 APPROVED

Sohil  
 2/1/2018 5:58:47 PM

Quant Time: Feb 01 05:04:04 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 04:05:22 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.44  | 152  | 2212     | 0.40  | ng/ul  | 0.00     |
| 2) Naphthalene-d8           | 11.26 | 136  | 6882     | 0.40  | ng/ul  | 0.00     |
| 6) Acenaphthene-d10         | 15.02 | 164  | 4603     | 0.40  | ng/ul  | 0.00     |
| 10) Phenanthrene-d10        | 17.71 | 188  | 8717m    | 0.40  | ng/ul  | 0.00     |
| 16) Chrysene-d12            | 21.80 | 240  | 8837     | 0.40  | ng/ul  | 0.00     |
| 20) Perylene-d12            | 24.44 | 264  | 8445m    | 0.40  | ng/ul  | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 4) 2-Methylnaphthalene-d10  | 12.81 | 152  | 5274     | 0.47  | ng/ul  | 0.00     |
| 14) Fluoranthene-d10        | 19.70 | 212  | 13305    | 0.40  | ng/ul  | 0.00     |
| Target Compounds            |       |      |          |       |        |          |
| 3) Naphthalene              | 11.31 | 128  | 5071     | 0.263 | ng/ul# | 91       |
| 5) 2-Methylnaphthalene      | 12.89 | 142  | 6678     | 0.519 | ng/ul  | 100      |
| 8) Acenaphthene             | 15.08 | 153  | 639      | 0.037 | ng/ul# | 87       |
| 9) Fluorene                 | 16.02 | 166  | 1136m    | 0.064 | ng/ul  |          |
| 11) Pentachlorophenol       | 17.36 | 266  | 8557     | 5.068 | ng/ul  | 96       |
| 12) Phenanthrene            | 17.75 | 178  | 1612     | 0.055 | ng/ul# | 90       |

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

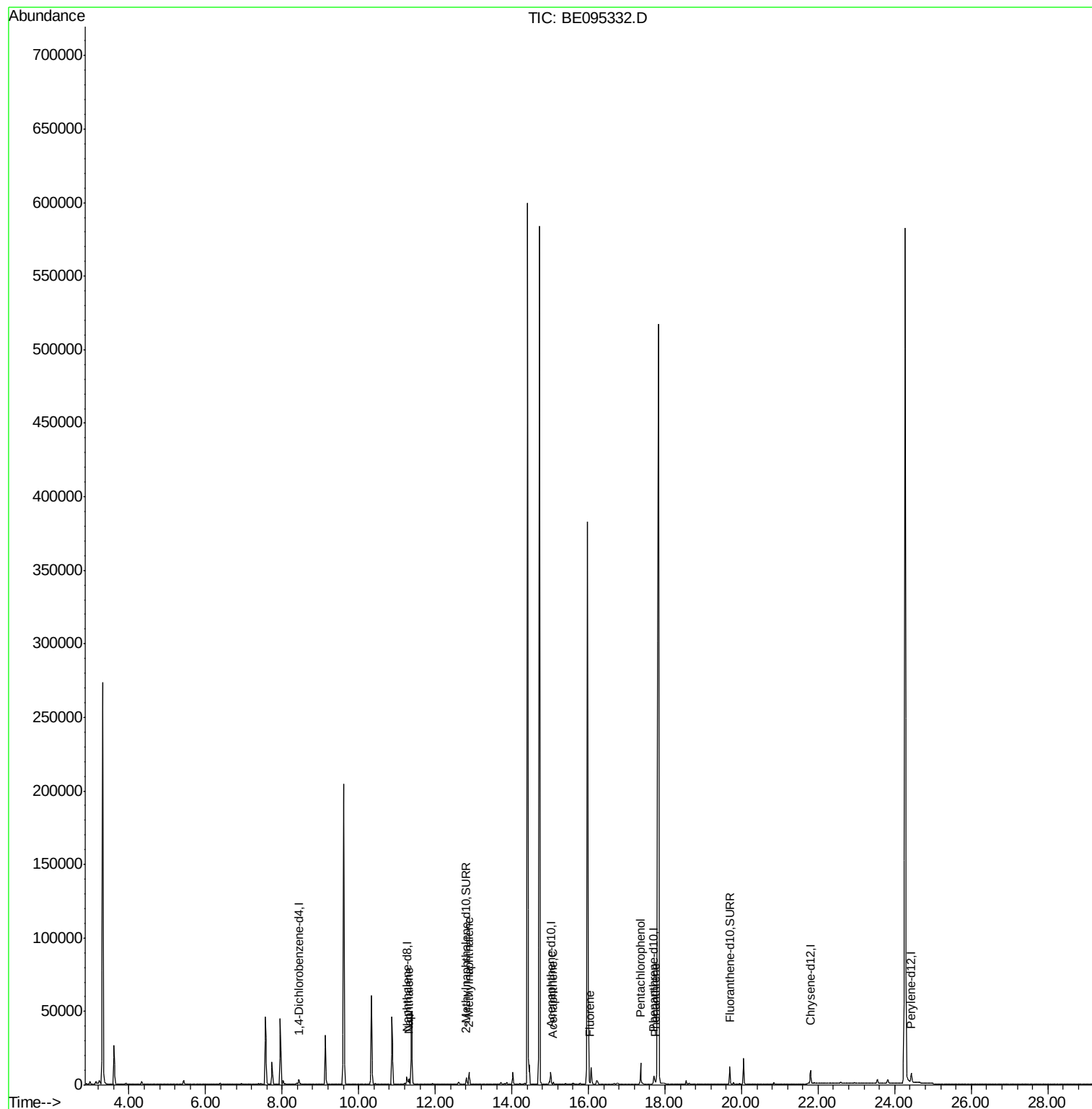
Data Path : Z:\HPCHEM1\BNA E\DATA\BE013118\  
Data File : BE095332.D  
Acq On : 1 Feb 2018 00:08  
Operator : SJ/JU  
Sample : J1245-14  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

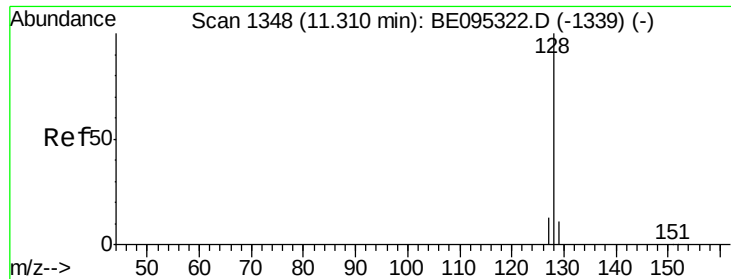
Instrument :  
BNA\_E  
ClientSampleId :  
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Quant Time: Feb 01 05:04:04 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M  
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QLast Update : Thu Feb 01 04:05:22 2018  
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.263 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BE095332.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA\_E

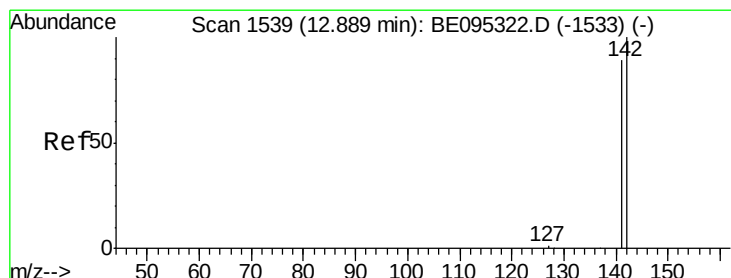
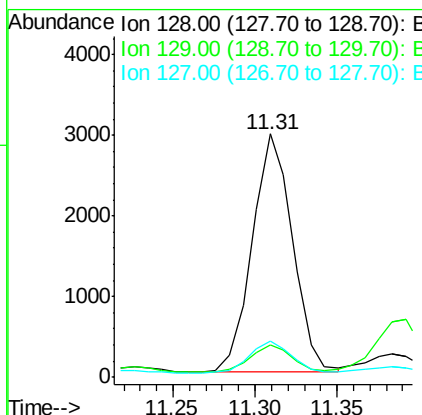
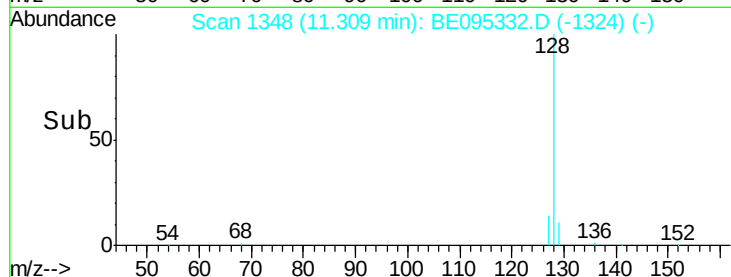
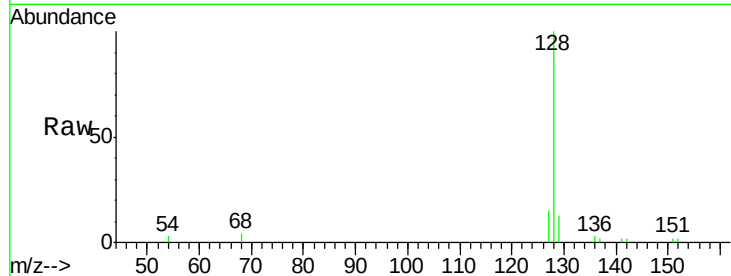
ClientSampleId :

F6B75

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:128 | Resp: | 5071      |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 13.3  | 11.3 16.9 |
| 127         | 15.0  | 4.0 6.0#  |

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#5

2-Methylnaphthalene

Concen: 0.519 ng/ul

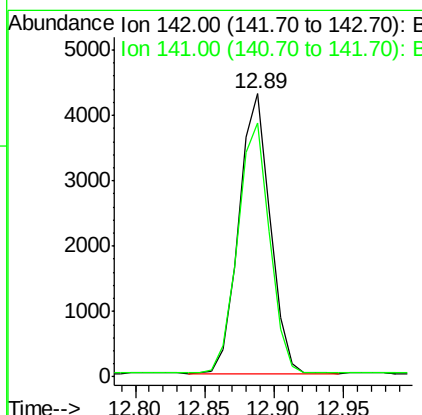
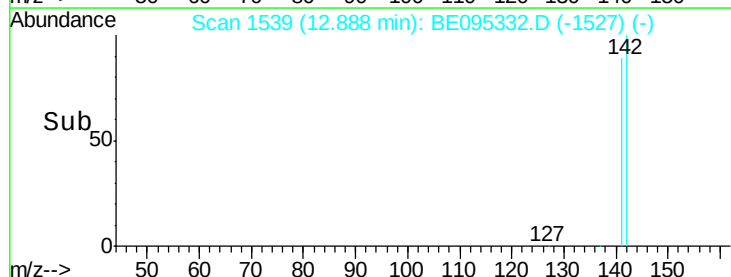
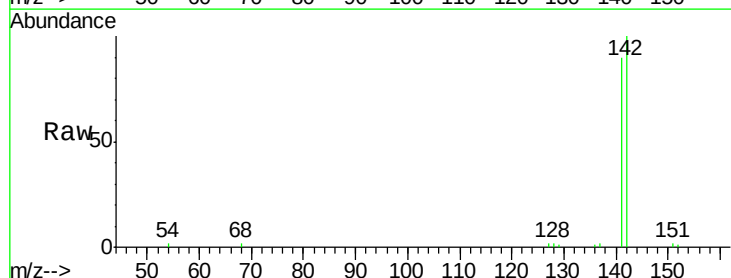
RT: 12.89 min Scan# 1539

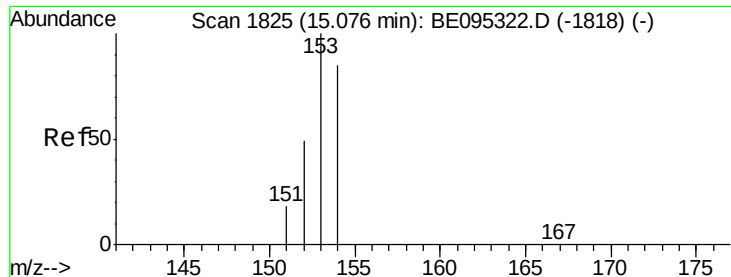
Delta R.T. -0.00 min

Lab File: BE095332.D

Acq: 1 Feb 2018 00:08

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 6678       |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 91.1  | 72.6 108.8 |





#8

Acenaphthene

Concen: 0.037 ng/ul

RT: 15.08 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BE095332.D

Acq: 1 Feb 2018 00:08

Instrument :

BNA\_E

ClientSampleId :

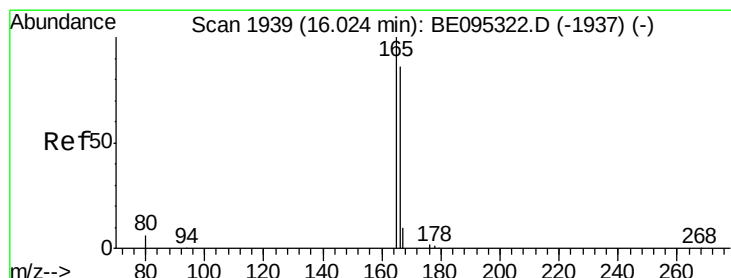
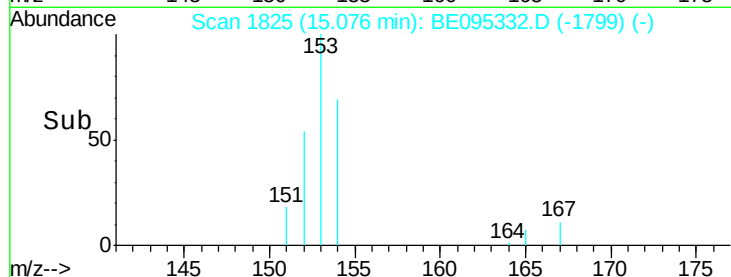
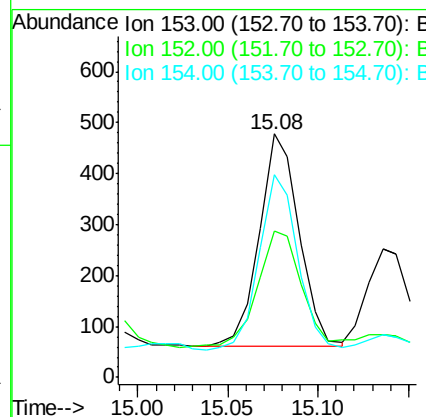
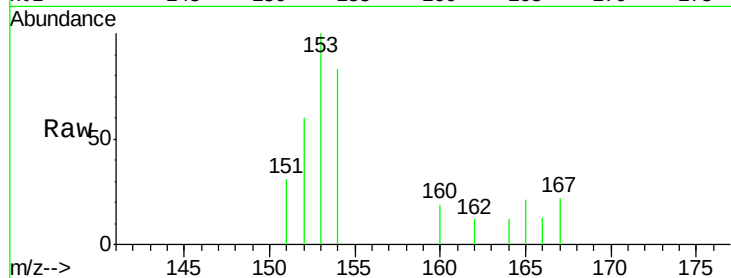
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Tot Ion:153 Resp: 639

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 153 | 100   |       |       |
| 152 | 60.0  | 36.0  | 54.0# |
| 154 | 83.1  | 72.0  | 108.0 |

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#9

Fluorene

Concen: 0.064 ng/ul m

RT: 16.02 min Scan# 1939

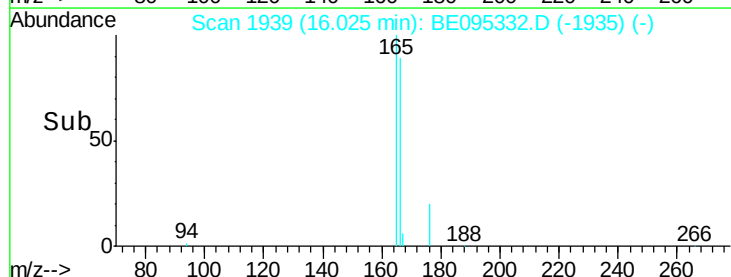
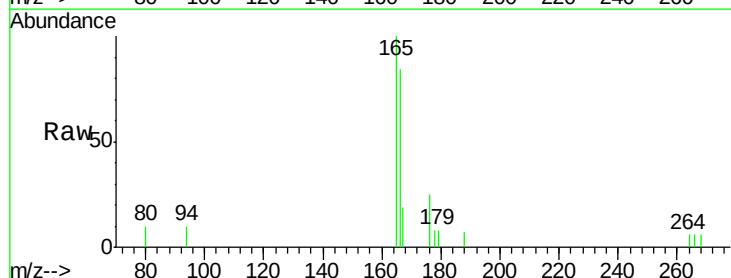
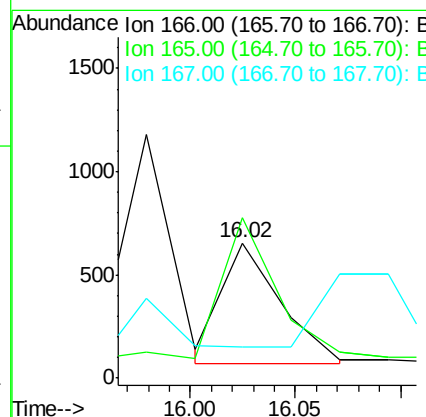
Delta R.T. 0.00 min

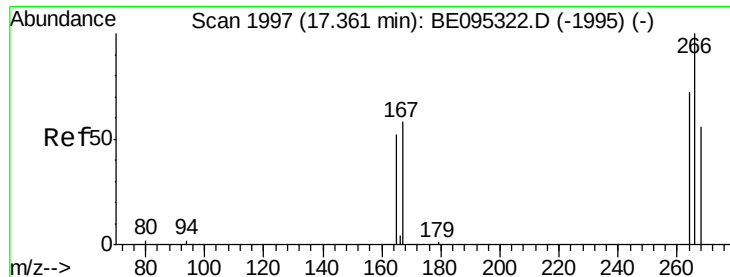
Lab File: BE095332.D

Acq: 1 Feb 2018 00:08

Tgt Ion:166 Resp: 1136

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 166 | 100   |       |        |
| 165 | 118.8 | 73.4  | 110.2# |
| 167 | 22.9  | 14.6  | 22.0#  |





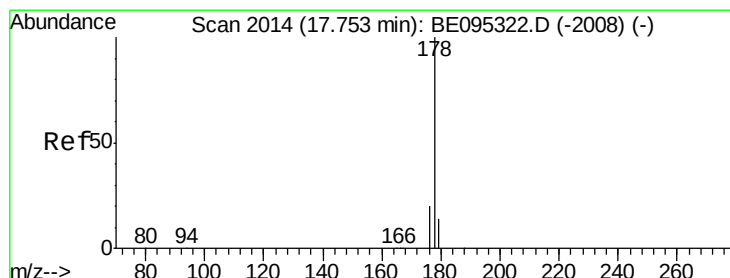
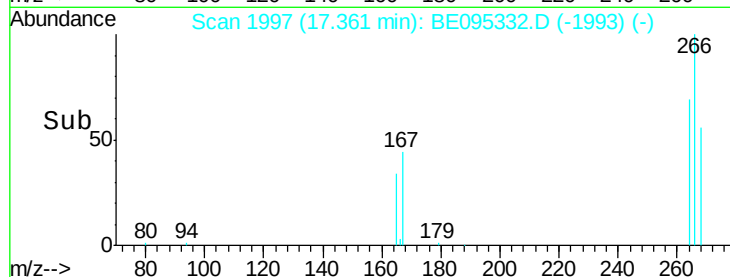
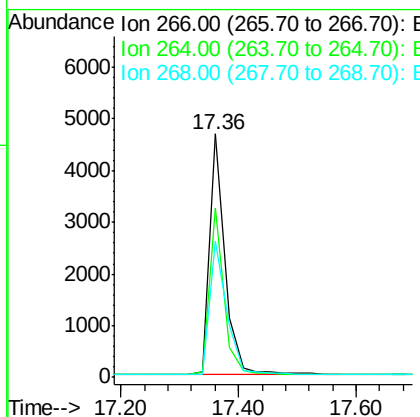
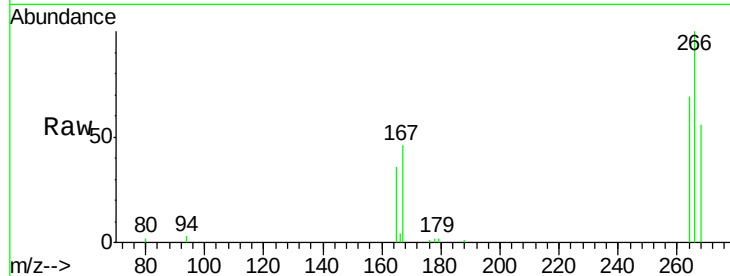
#11  
 Pentachlorophenol  
 Concen: 5.068 ng/ul  
 RT: 17.36 min Scan# 1997  
 Delta R.T. 0.00 min  
 Lab File: BE095332.D  
 Acq: 1 Feb 2018 00:08

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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 65.0  | 47.9  | 71.9  |
| 268     | 61.3  | 49.8  | 74.8  |

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#12  
 Phenanthrene  
 Concen: 0.055 ng/ul  
 RT: 17.75 min Scan# 2014  
 Delta R.T. 0.00 min  
 Lab File: BE095332.D  
 Acq: 1 Feb 2018 00:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 21.3  | 18.4  | 27.6  |
| 176     | 24.8  | 13.6  | 20.4  |

