

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE022019\  
 Data File : BE098735.D  
 Acq On : 20 Feb 2019 10:54  
 Operator : JU/SJ  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Manual Integrations  
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 2/21/2019 3:22:34 PM

Quant Time: Feb 21 14:03:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE012419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 24 14:44:44 2019  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.816  | 152  | 972      | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.602 | 136  | 4264     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.471 | 164  | 2861     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.215 | 188  | 6858     | 0.40 | ng    | #-0.01   |
| 27) Chrysene-d12              | 21.402 | 240  | 7424     | 0.40 | ng    | #-0.01   |
| 34) Perylene-d12              | 23.920 | 264  | 7191     | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.409  | 112  | 957      | 0.33 | ng    | 0.01     |
| 5) Phenol-d6                  | 6.998  | 99   | 1395     | 0.33 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.978  | 82   | 1577     | 0.38 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.209 | 152  | 3104     | 0.38 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.970 | 330  | 406      | 0.32 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.088 | 172  | 4645     | 0.38 | ng    | -0.01    |
| 25) Fluoranthene-d10          | 19.258 | 212  | 38743    | 0.40 | ng    | 0.00     |
| 29) Terphenyl-d14             | 19.856 | 244  | 7346     | 0.40 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.313  | 88   | 673      | 0.36 | ng    | 93       |
| 3) n-Nitrosodimethylamine     | 3.658  | 42   | 956      | 0.41 | ng    | # 71     |
| 6) bis(2-Chloroethyl)ether    | 7.240  | 93   | 1137     | 0.40 | ng    | 74       |
| 9) Naphthalene                | 10.653 | 128  | 19217    | 0.39 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.926 | 225  | 1291     | 0.39 | ng    | 97       |
| 12) 2-Methylnaphthalene       | 12.281 | 142  | 3039     | 0.37 | ng    | 96       |
| 16) Acenaphthylene            | 14.183 | 152  | 5422     | 0.37 | ng    | 99       |
| 17) Acenaphthene              | 14.529 | 154  | 3303     | 0.38 | ng    | 100      |
| 18) Fluorene                  | 15.515 | 166  | 4506     | 0.38 | ng    | 99       |
| 20) 4-Bromophenyl-phenylether | 16.412 | 248  | 1509     | 0.37 | ng    | 93       |
| 21) Hexachlorobenzene         | 16.533 | 284  | 1818     | 0.38 | ng    | 96       |
| 22) Pentachlorophenol         | 16.894 | 266  | 443      | 0.36 | ng    | 97       |
| 23) Phenanthrene              | 17.269 | 178  | 7329     | 0.39 | ng    | 100      |
| 24) Anthracene                | 17.363 | 178  | 5888     | 0.38 | ng    | 99       |
| 26) Fluoranthene              | 19.287 | 202  | 9723     | 0.40 | ng    | 99       |
| 28) Pyrene                    | 19.649 | 202  | 10021    | 0.42 | ng    | 100      |
| 30) Benzo(a)anthracene        | 21.390 | 228  | 9165     | 0.41 | ng    | 97       |
| 31) Chrysene                  | 21.450 | 228  | 9380     | 0.39 | ng    | 99       |
| 32) Bis(2-ethylhexyl)phtha... | 21.305 | 149  | 16906    | 0.41 | ng    | 99       |
| 33) Indeno(1,2,3-cd)pyrene    | 26.563 | 276  | 6815     | 0.27 | ng    | 98       |
| 35) Benzo(b)fluoranthene      | 23.146 | 252  | 9077m    | 0.39 | ng    |          |
| 36) Benzo(k)fluoranthene      | 23.196 | 252  | 9661     | 0.39 | ng    | 99       |
| 37) Benzo(a)pyrene            | 23.806 | 252  | 8425     | 0.38 | ng    | # 96     |
| 38) Dibenzo(a,h)anthracene    | 26.595 | 278  | 4617     | 0.22 | ng    | # 94     |
| 39) Benzo(g,h,i)perylene      | 27.380 | 276  | 7253     | 0.32 | ng    | 99       |
| -----                         |        |      |          |      |       |          |

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

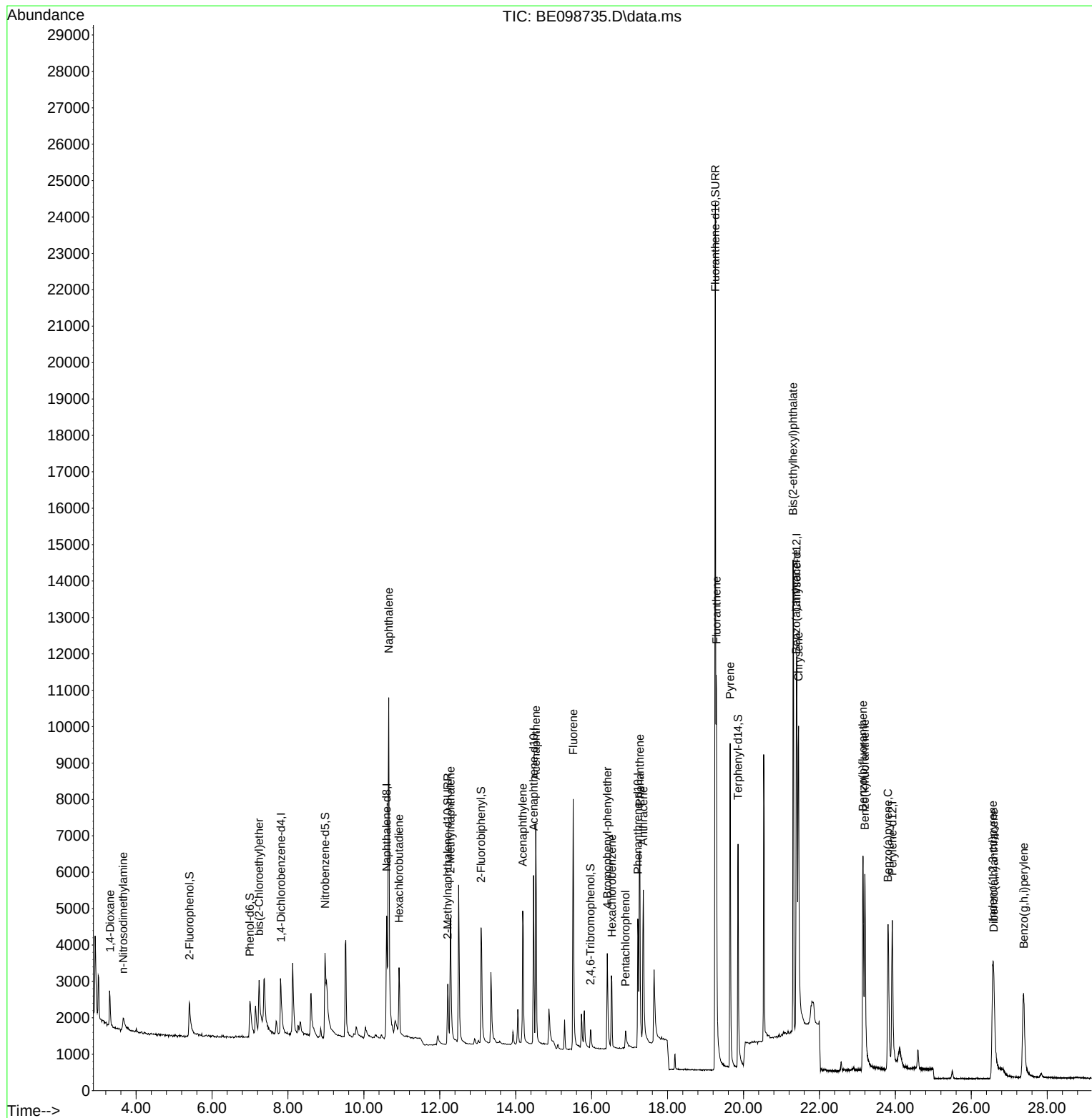
Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE022019\  
Data File : BE098735.D  
Acq On : 20 Feb 2019 10:54  
Operator : JU/SJ  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

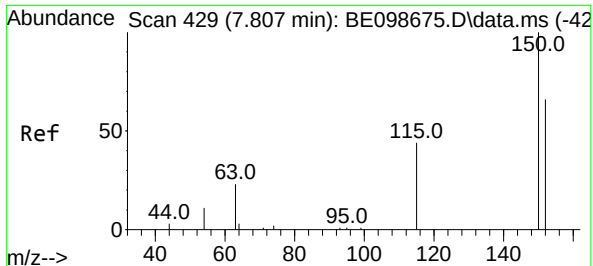
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

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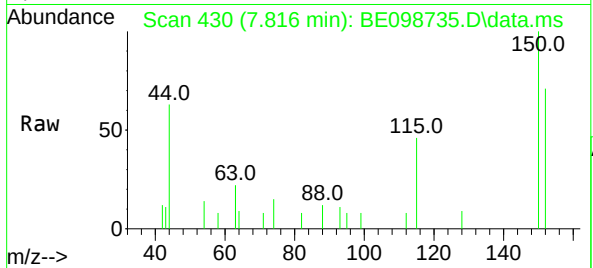
Quant Time: Feb 21 14:03:58 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE012419.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 24 14:44:44 2019  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.816 min Scan# 430  
Delta R.T. 0.009 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

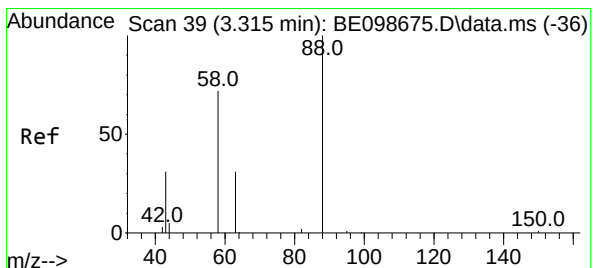
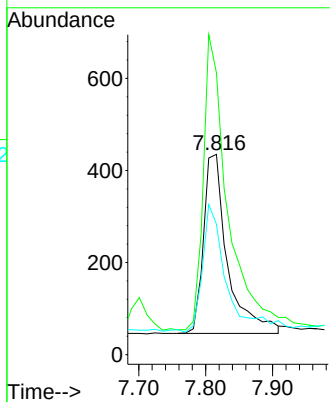
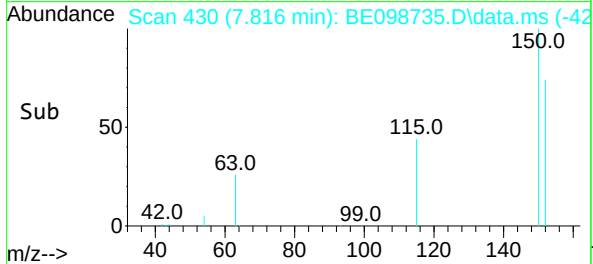
Instrument :  
BNA\_E  
ClientSampled :  
SSTDCCC0.4



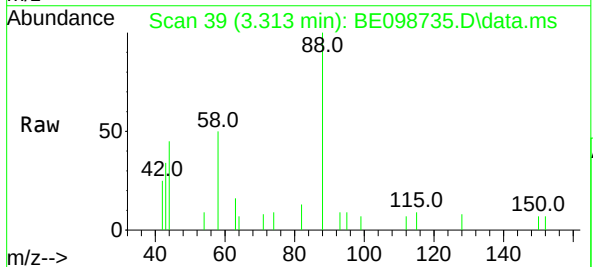
Tgt Ion:152 Resp: 972  
Ion Ratio Lower Upper  
152 100  
150 140.7 121.4 182.2  
115 65.1 59.1 88.7

Manual Integrations  
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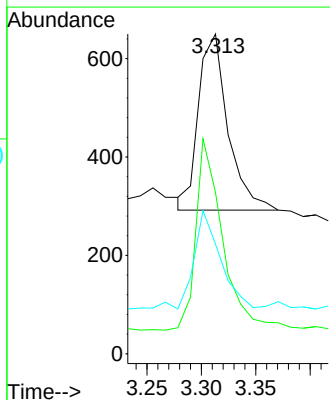
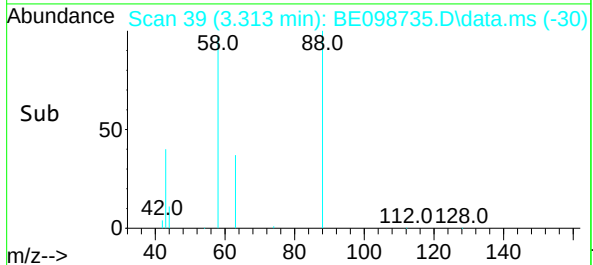
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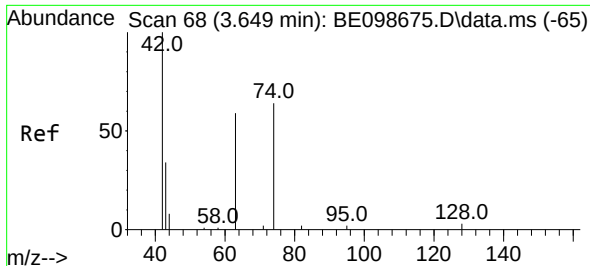


#2  
1,4-Dioxane  
Concen: 0.36 ng  
RT: 3.313 min Scan# 39  
Delta R.T. -0.002 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54



Tgt Ion: 88 Resp: 673  
Ion Ratio Lower Upper  
88 100  
58 98.5 73.9 110.9  
43 49.6 43.7 65.5





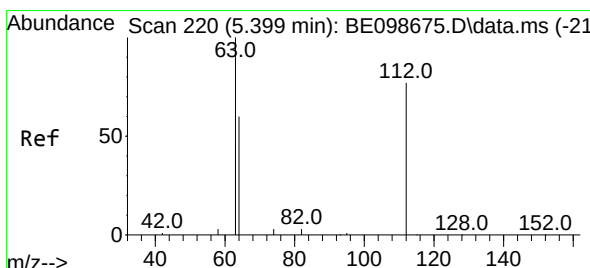
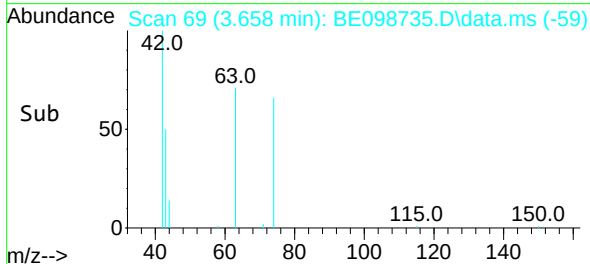
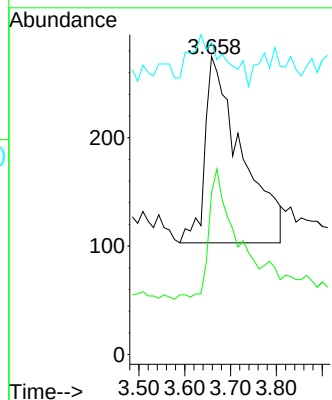
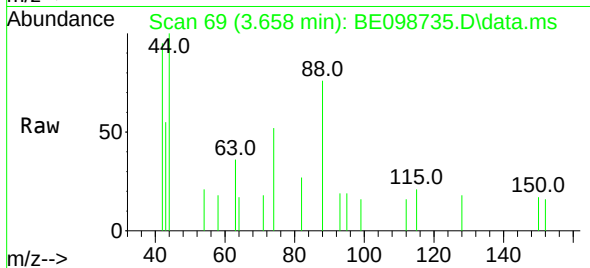
#3  
n-Nitrosodimethylamine  
Concen: 0.41 ng  
RT: 3.658 min Scan# 69  
Delta R.T. 0.009 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion: 42 Resp: 956  
Ion Ratio Lower Upper  
42 100  
74 49.0 58.9 88.3#  
44 0.0 0.0 0.0

Instrument :  
BNA\_E  
ClientSampled :  
SSTDCCC0.4

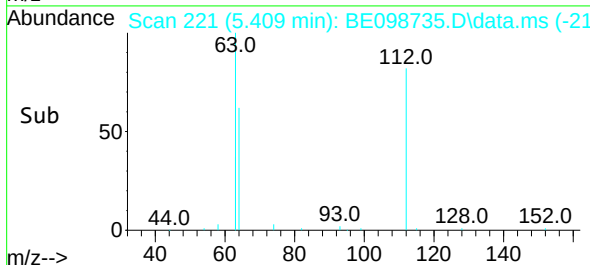
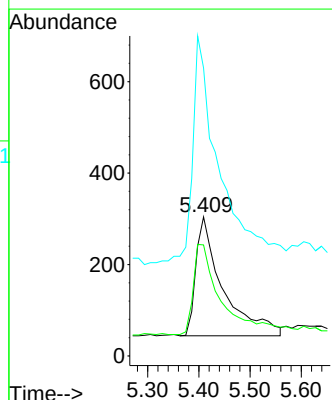
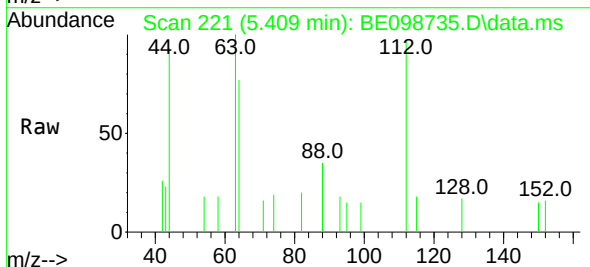
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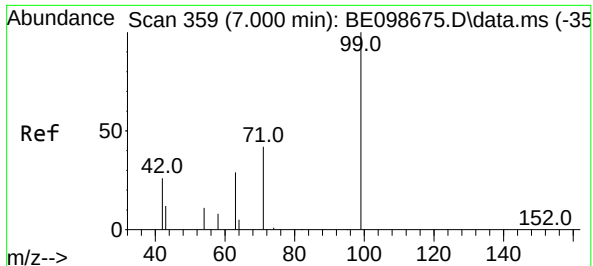
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#4  
2-Fluorophenol  
Concen: 0.33 ng  
RT: 5.409 min Scan# 221  
Delta R.T. 0.010 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion: 112 Resp: 957  
Ion Ratio Lower Upper  
112 100  
64 80.8 62.9 94.3  
63 183.7 152.2 228.4





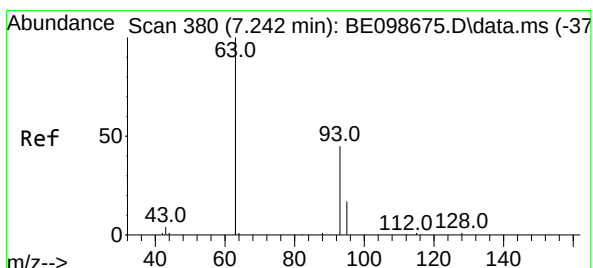
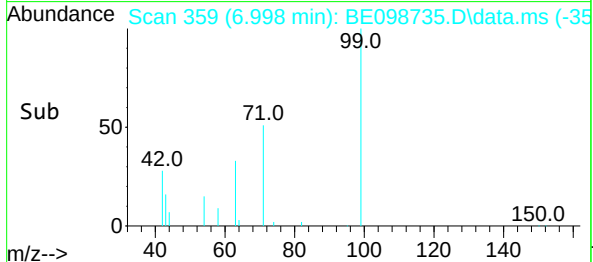
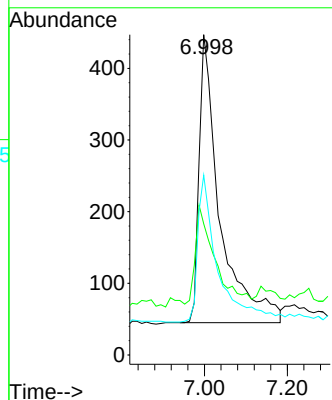
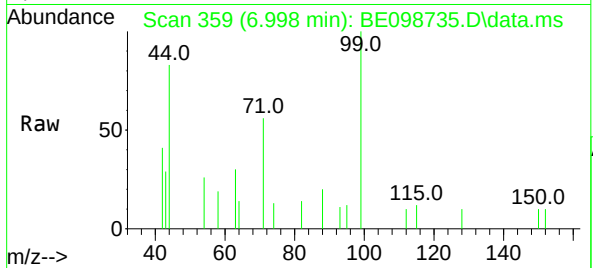
#5  
Phenol-d6  
Concen: 0.33 ng  
RT: 6.998 min Scan# 359  
Delta R.T. -0.002 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 1395  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 32.0  | 24.6  | 37.0  |
| 71       | 50.0  | 35.1  | 52.7  |

Instrument :  
BNA\_E  
ClientSampled :  
SSTDCCC0.4

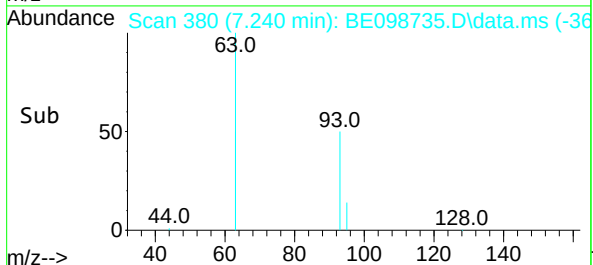
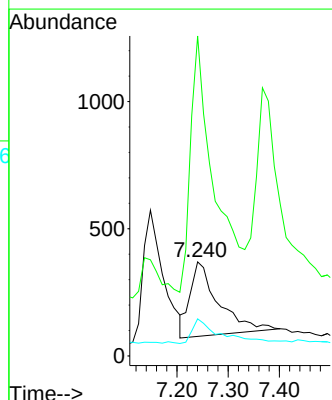
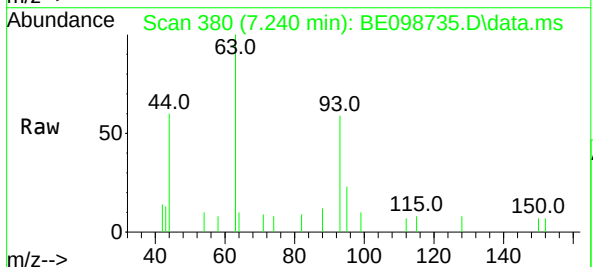
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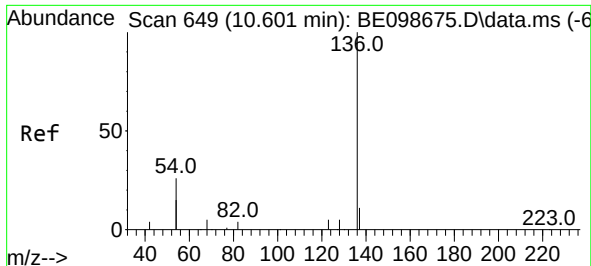
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#6  
bis(2-Chloroethyl)ether  
Concen: 0.40 ng  
RT: 7.240 min Scan# 380  
Delta R.T. -0.002 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1137  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 273.4 | 267.3 | 400.9 |
| 95       | 32.8  | 26.2  | 39.4  |





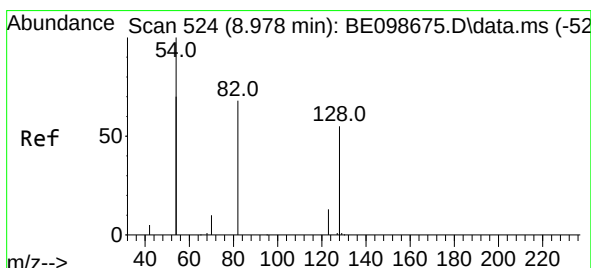
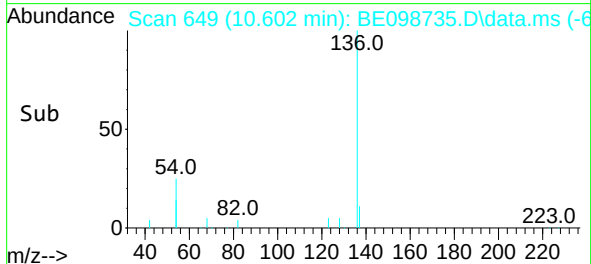
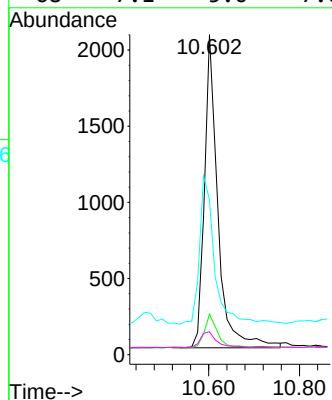
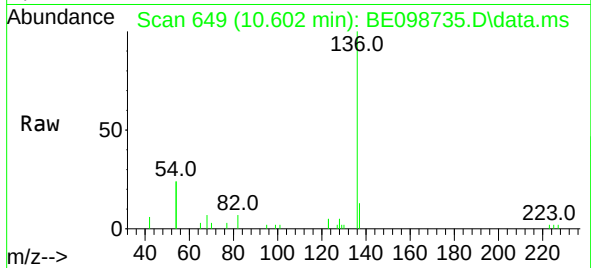
#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.602 min Scan# 649  
Delta R.T. 0.001 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:136 | Resp: | 4264      |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 12.7  | 9.7 14.5  |
| 54          | 48.4  | 35.5 53.3 |
| 68          | 7.1   | 5.0 7.6   |

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

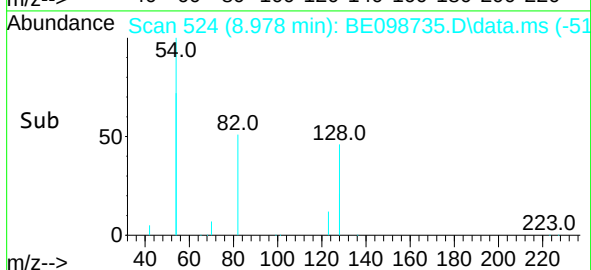
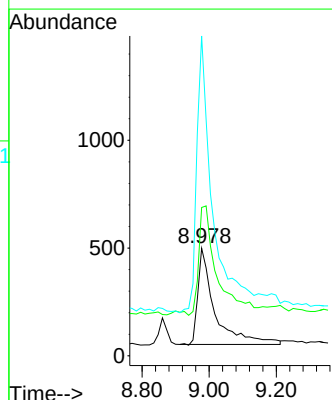
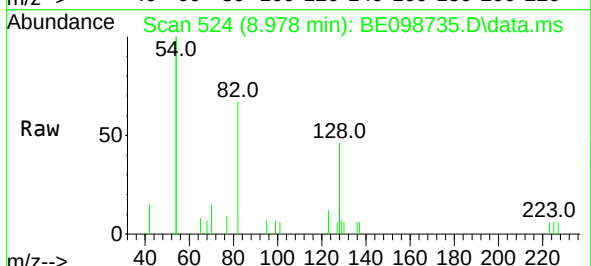
Manual Integrations  
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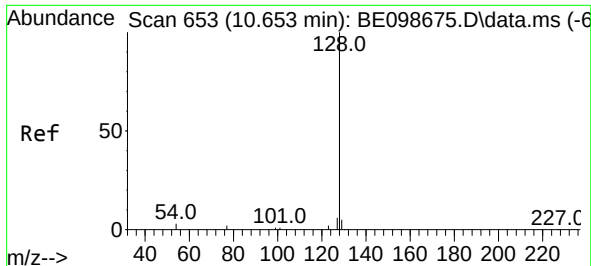
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#8  
Nitrobenzene-d5  
Concen: 0.38 ng  
RT: 8.978 min Scan# 524  
Delta R.T. -0.000 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

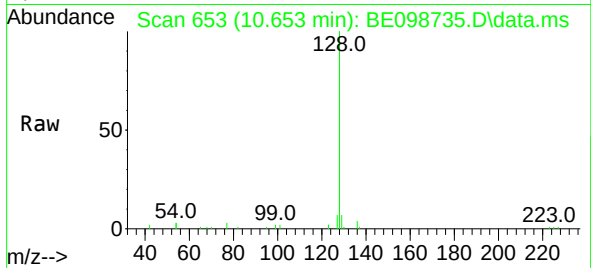
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 1577        |
| Ion Ratio   | Lower | Upper       |
| 82          | 100   |             |
| 128         | 137.9 | 96.5 144.7  |
| 54          | 297.4 | 224.7 337.1 |





#9  
Naphthalene  
Concen: 0.39 ng  
RT: 10.653 min Scan# 653  
Delta R.T. 0.000 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

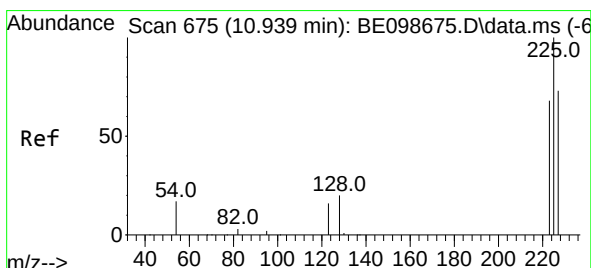
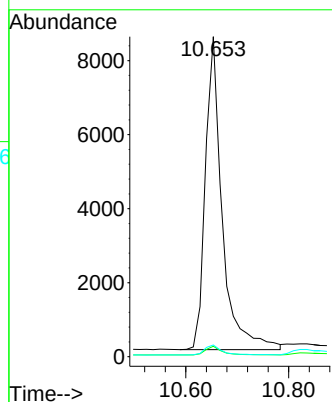
Instrument :  
BNA\_E  
ClientSampled :  
SSTDCCC0.4



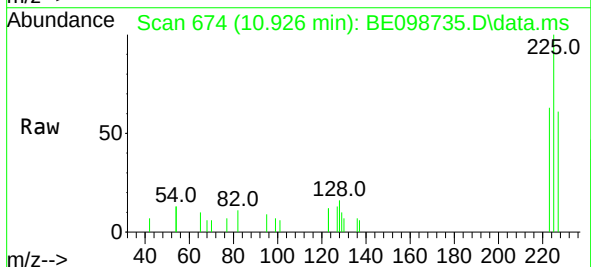
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 19217 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 3.3   | 2.6   | 3.8   |
| 127      | 3.7   | 3.0   | 4.6   |

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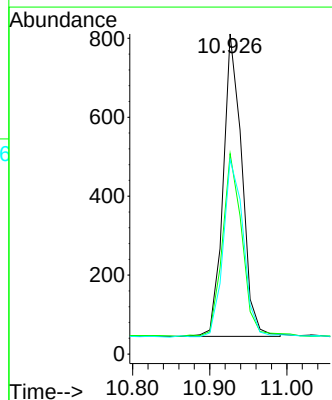
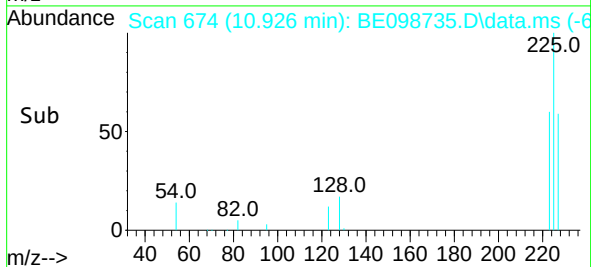
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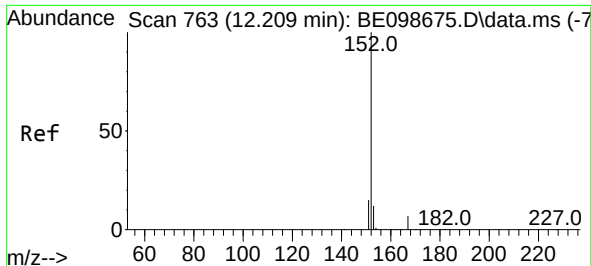


#10  
Hexachlorobutadiene  
Concen: 0.39 ng  
RT: 10.926 min Scan# 674  
Delta R.T. -0.013 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1291  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.3  | 47.8  | 71.8  |
| 227      | 62.7  | 50.5  | 75.7  |





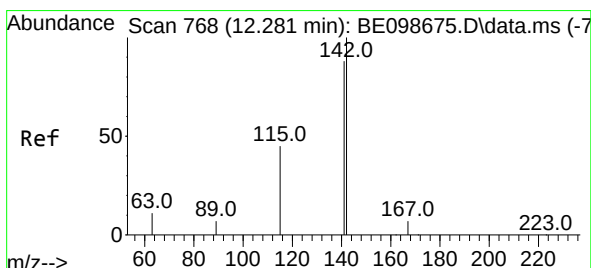
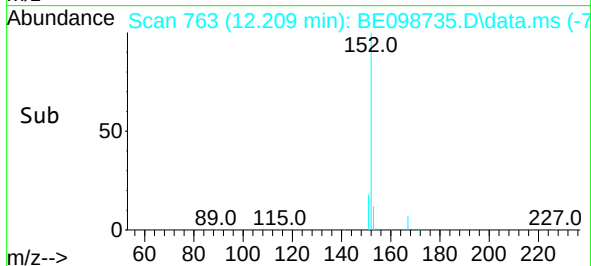
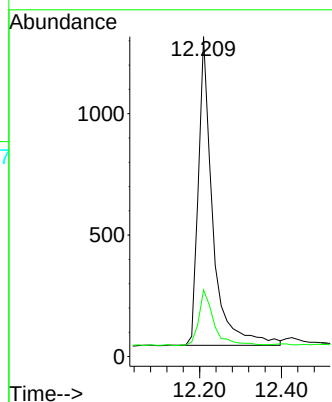
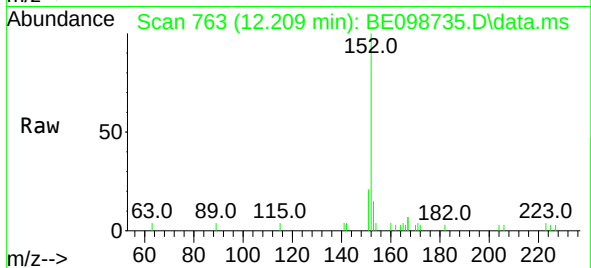
#11  
2-Methylnaphthalene-d10  
Concen: 0.38 ng  
RT: 12.209 min Scan# 763  
Delta R.T. 0.000 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion:152 Resp: 3104  
Ion Ratio Lower Upper  
152 100  
151 19.1 16.2 24.4

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

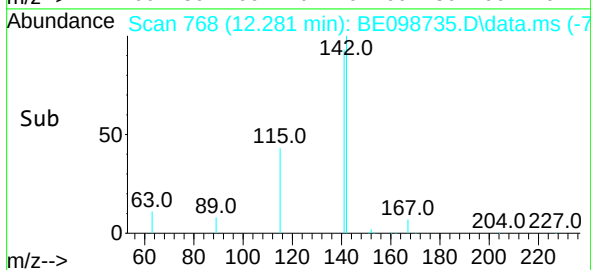
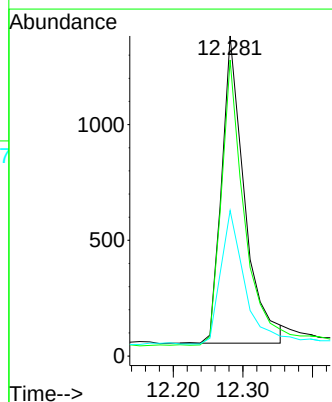
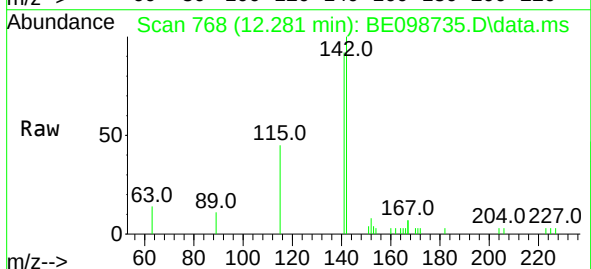
Manual Integrations  
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Sohil  
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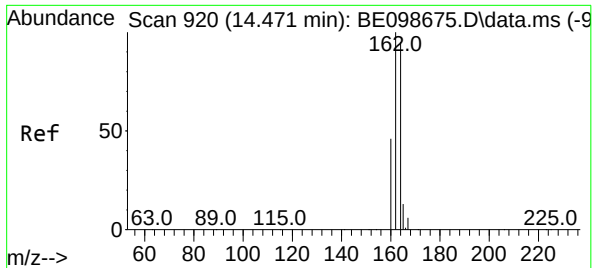


#12  
2-Methylnaphthalene  
Concen: 0.37 ng  
RT: 12.281 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion:142 Resp: 3039  
Ion Ratio Lower Upper  
142 100  
141 92.5 70.0 105.0  
115 45.5 35.2 52.8

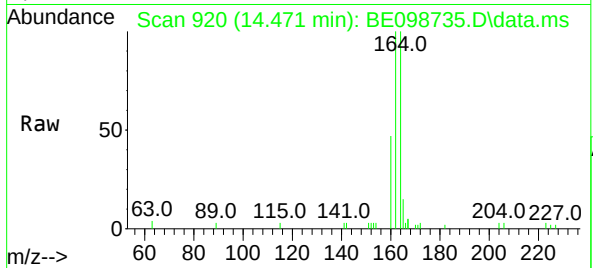






#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.471 min Scan# 920  
Delta R.T. 0.000 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

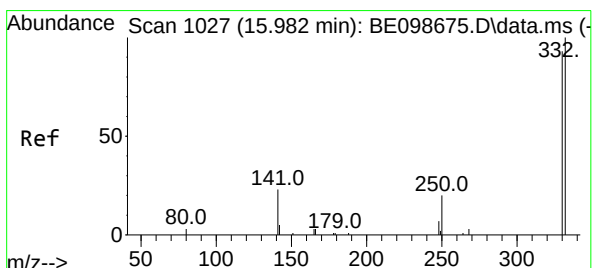
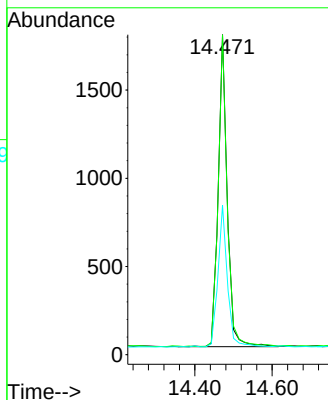
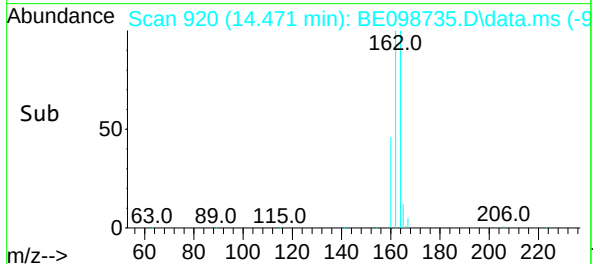
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4



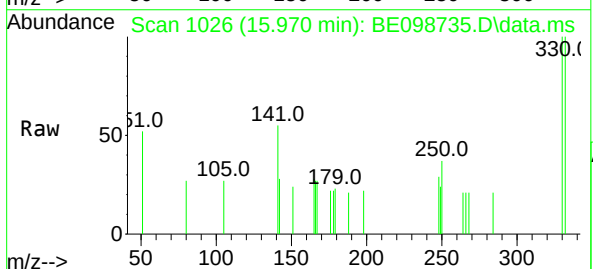
Tgt Ion:164 Resp: 2861  
Ion Ratio Lower Upper  
164 100  
162 99.9 80.5 120.7  
160 46.7 40.1 60.1

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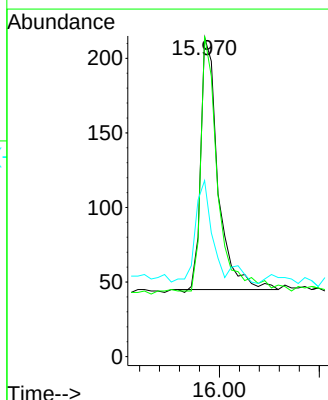
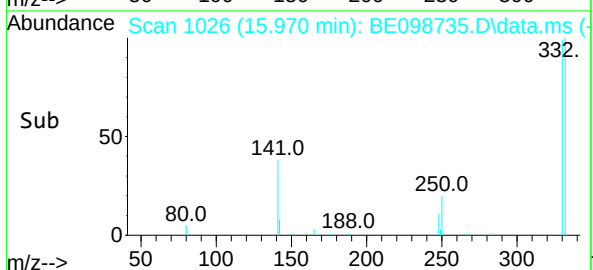
Sohil  
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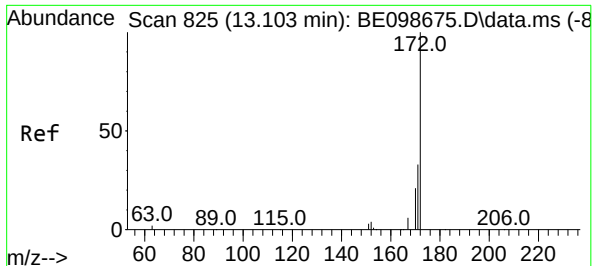


#14  
2,4,6-Tribromophenol  
Concen: 0.32 ng  
RT: 15.970 min Scan# 1026  
Delta R.T. -0.012 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54



Tgt Ion:330 Resp: 406  
Ion Ratio Lower Upper  
330 100  
332 100.0 73.3 109.9  
141 37.7 33.1 49.7





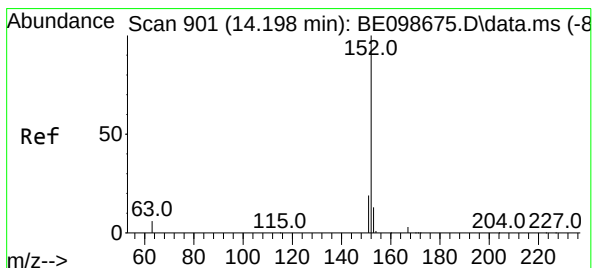
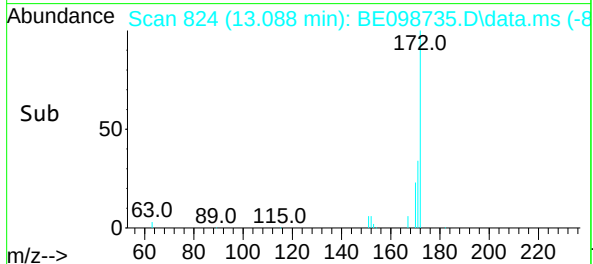
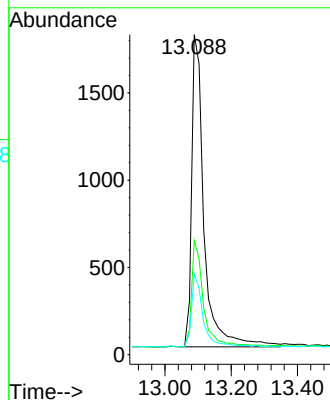
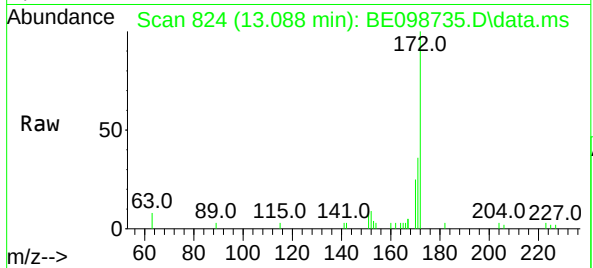
#15  
2-Fluorobiphenyl  
Concen: 0.38 ng  
RT: 13.088 min Scan# 824  
Delta R.T. -0.015 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 4645 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 35.7  | 29.0  | 43.4 |
| 170       | 25.2  | 20.8  | 31.2 |

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

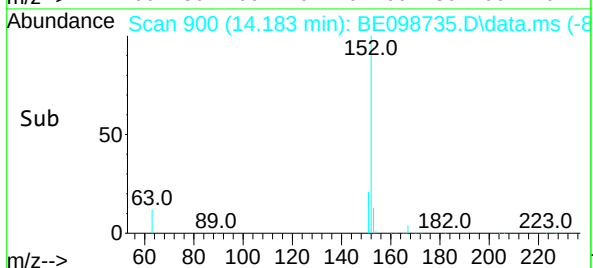
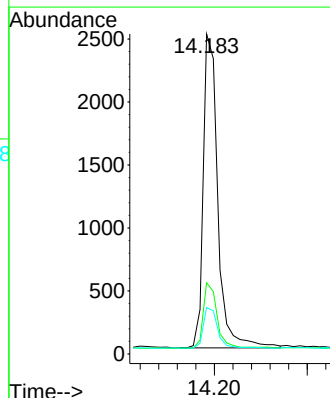
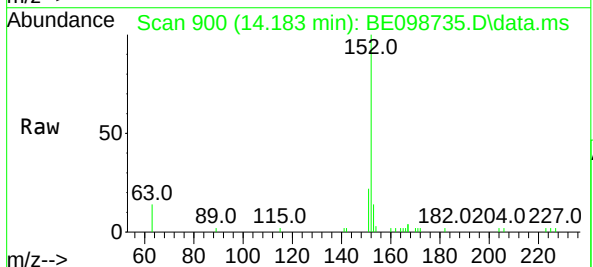
Manual Integrations  
APPROVED

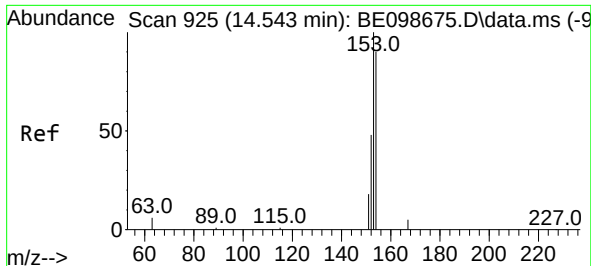
Sohil  
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#16  
Acenaphthylene  
Concen: 0.37 ng  
RT: 14.183 min Scan# 900  
Delta R.T. -0.015 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

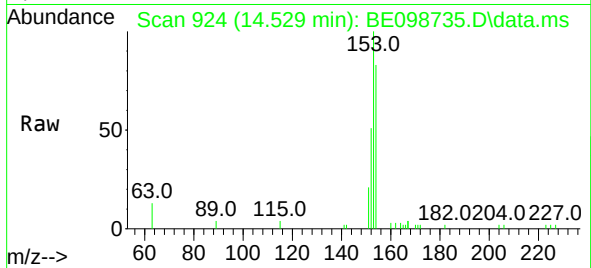
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 5422 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 19.8  | 16.3  | 24.5 |
| 153       | 12.9  | 10.7  | 16.1 |





#17  
Acenaphthene  
Concen: 0.38 ng  
RT: 14.529 min Scan# 924  
Delta R.T. -0.014 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

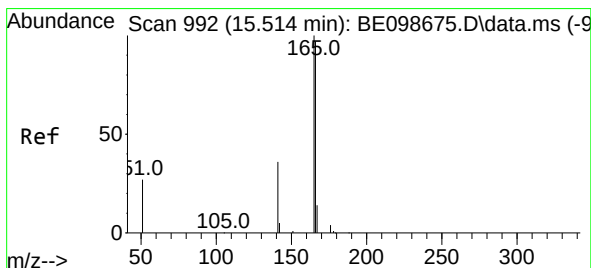
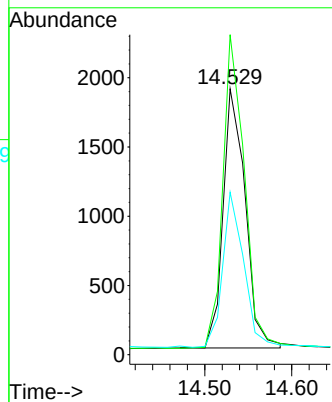
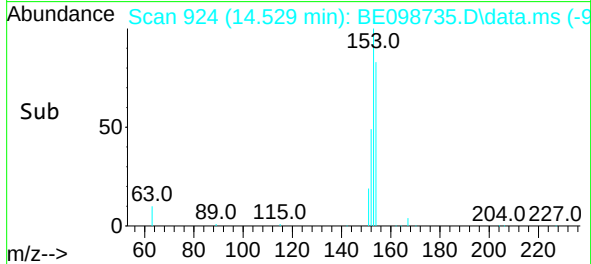
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4



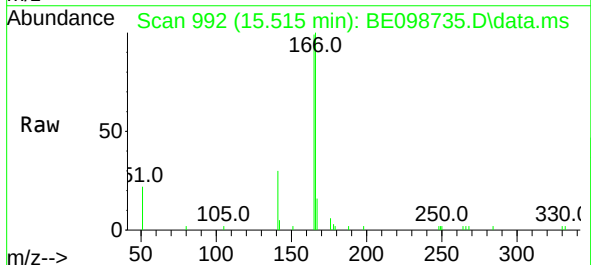
Tgt Ion:154 Resp: 3303  
Ion Ratio Lower Upper  
154 100  
153 117.3 93.9 140.9  
152 56.9 45.8 68.8

Manual Integrations  
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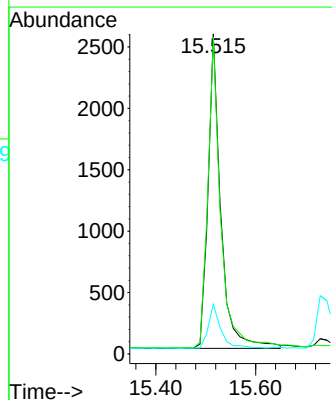
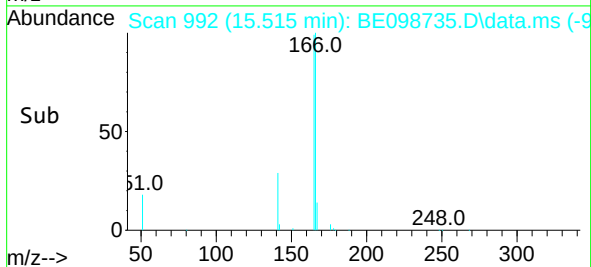
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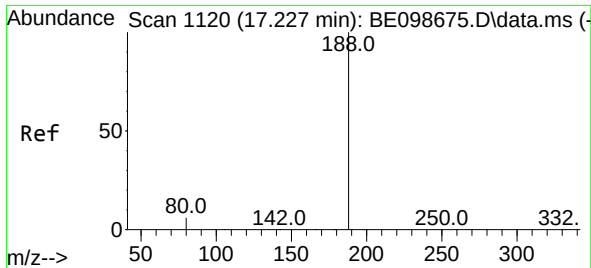


#18  
Fluorene  
Concen: 0.38 ng  
RT: 15.515 min Scan# 992  
Delta R.T. 0.001 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54



Tgt Ion:166 Resp: 4506  
Ion Ratio Lower Upper  
166 100  
165 99.9 79.3 118.9  
167 14.2 10.6 15.8





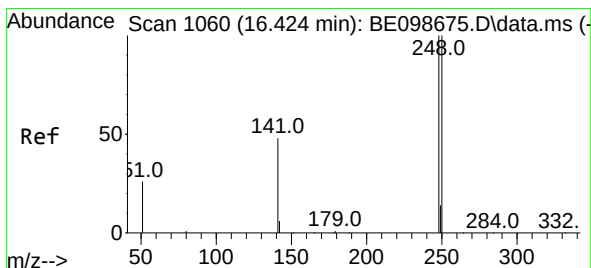
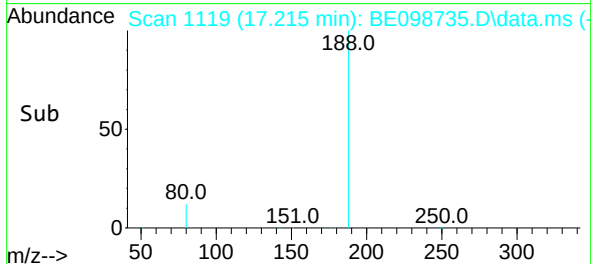
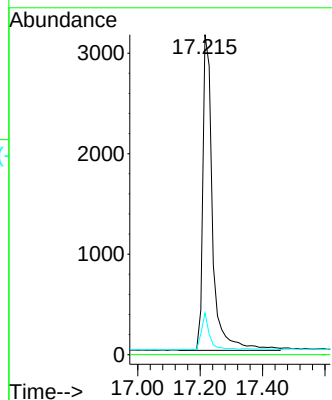
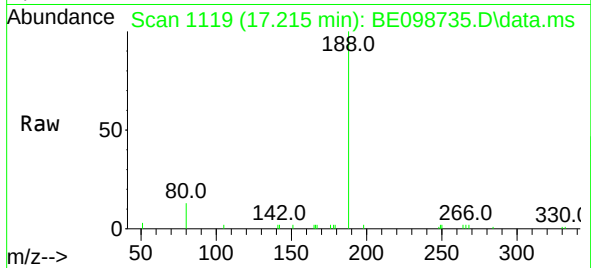
#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.215 min Scan# 1119  
Delta R.T. -0.012 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion:188 Resp: 6858  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.0 4.7 7.1#

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

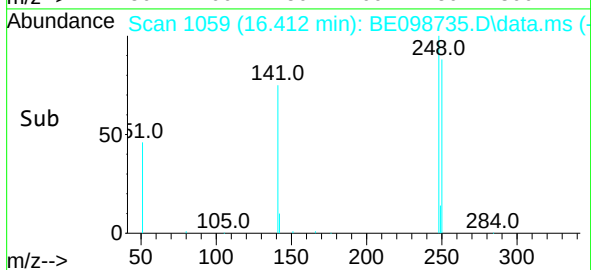
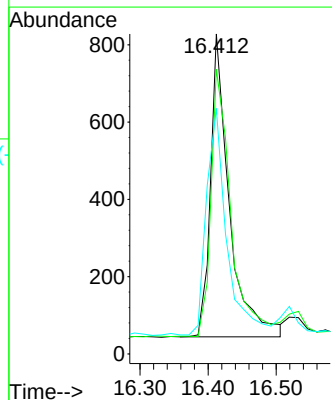
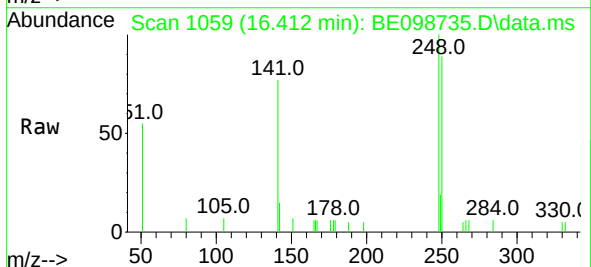
Manual Integrations  
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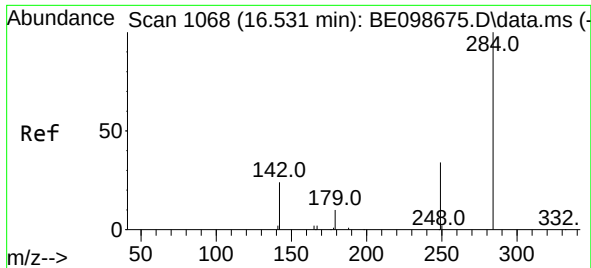
Sohil  
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#20  
4-Bromophenyl-phenylether  
Concen: 0.37 ng  
RT: 16.412 min Scan# 1059  
Delta R.T. -0.012 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion:248 Resp: 1509  
Ion Ratio Lower Upper  
248 100  
250 88.9 80.2 120.4  
141 76.7 60.5 90.7





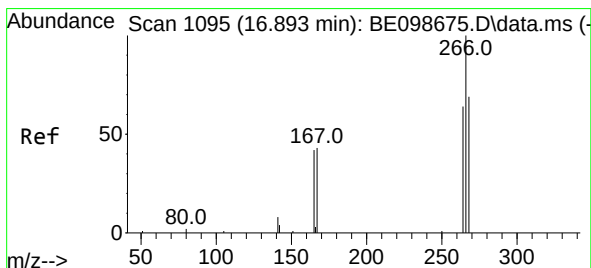
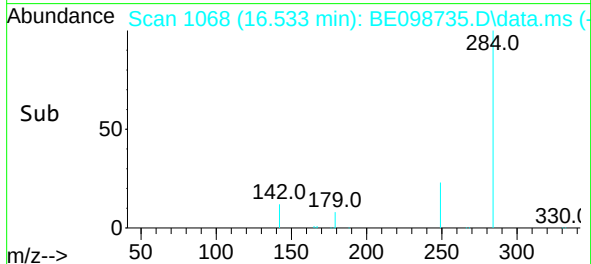
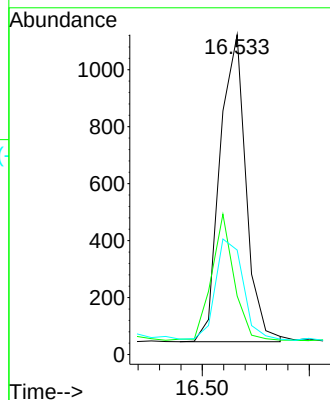
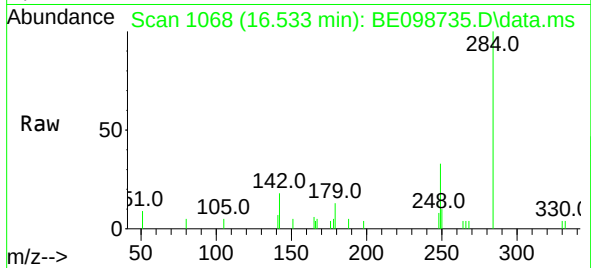
#21  
Hexachlorobenzene  
Concen: 0.38 ng  
RT: 16.533 min Scan# 1068  
Delta R.T. 0.002 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion: 284 Resp: 1818  
Ion Ratio Lower Upper  
284 100  
142 35.5 25.5 38.3  
249 34.3 26.6 39.8

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

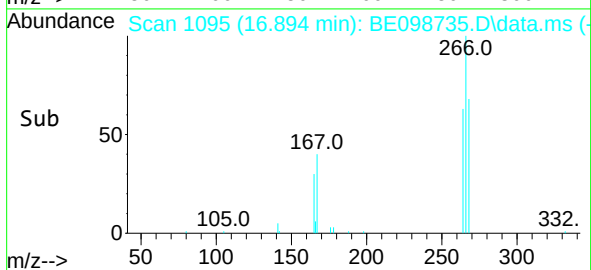
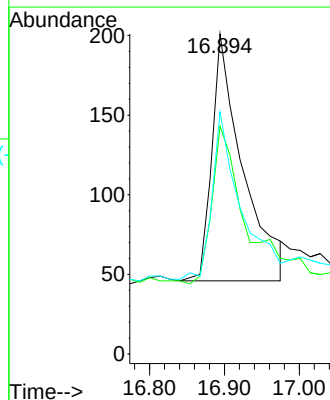
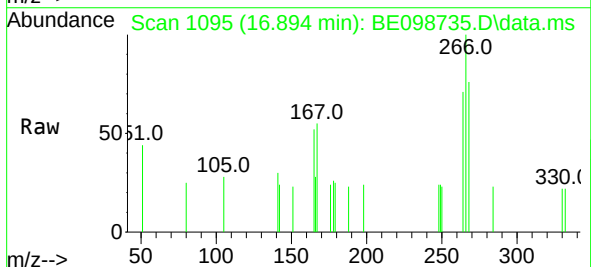
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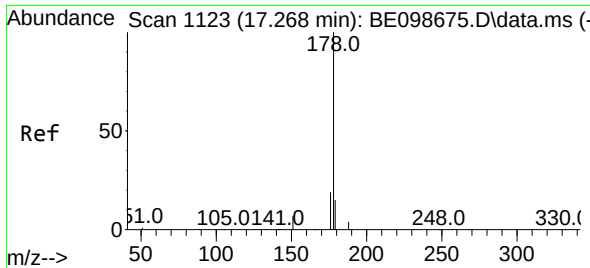
Sohil  
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#22  
Pentachlorophenol  
Concen: 0.36 ng  
RT: 16.894 min Scan# 1095  
Delta R.T. 0.001 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

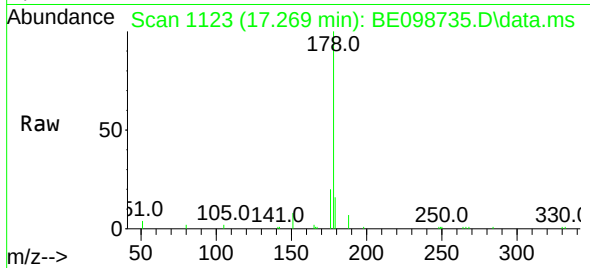
Tgt Ion: 266 Resp: 443  
Ion Ratio Lower Upper  
266 100  
264 71.1 53.7 80.5  
268 75.6 59.8 89.8





#23  
Phenanthrene  
Concen: 0.39 ng  
RT: 17.269 min Scan# 1123  
Delta R.T. 0.001 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

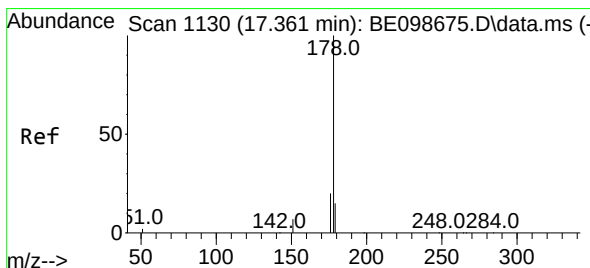
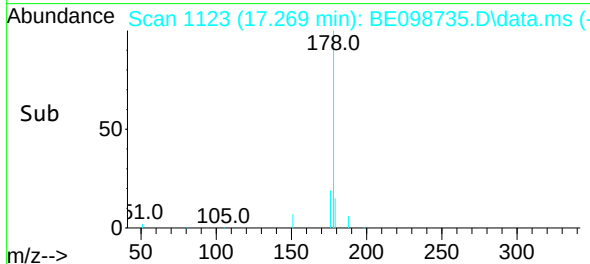
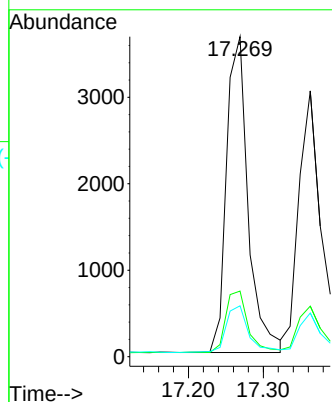
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4



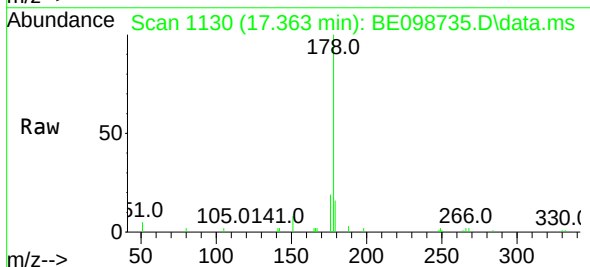
Tgt Ion:178 Resp: 7329  
Ion Ratio Lower Upper  
178 100  
176 20.2 15.9 23.9  
179 15.4 12.2 18.4

Manual Integrations  
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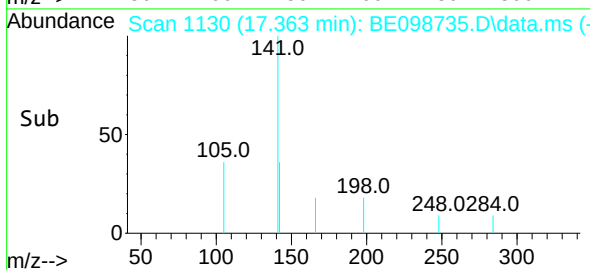
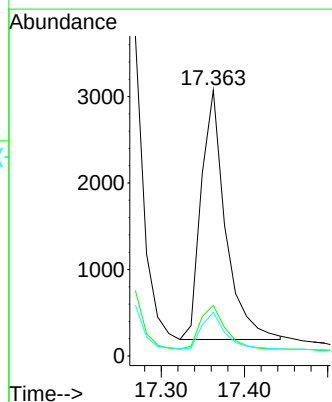
Sohil  
2/21/2019 3:22:34 PM

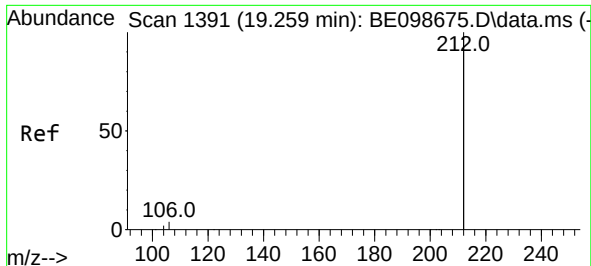


#24  
Anthracene  
Concen: 0.38 ng  
RT: 17.363 min Scan# 1130  
Delta R.T. 0.002 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54



Tgt Ion:178 Resp: 5888  
Ion Ratio Lower Upper  
178 100  
176 18.0 14.9 22.3  
179 14.2 11.8 17.8





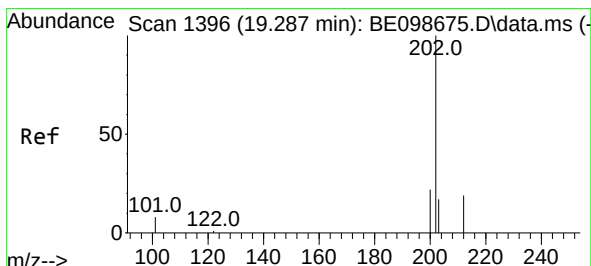
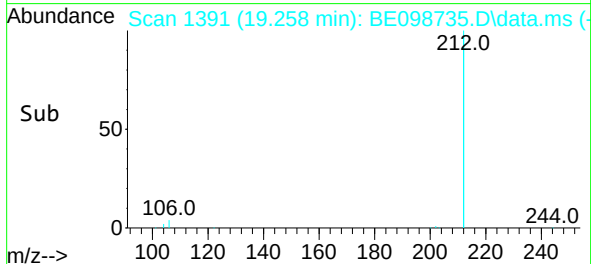
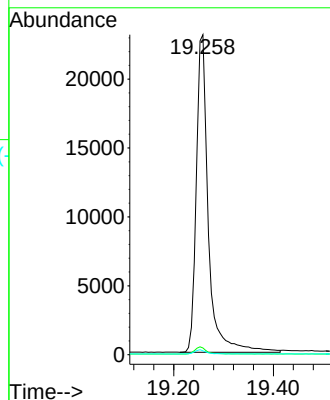
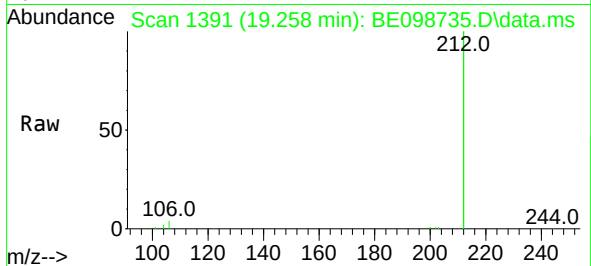
#25  
Fluoranthene-d10  
Concen: 0.40 ng  
RT: 19.258 min Scan# 1391  
Delta R.T. -0.001 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion: 212 Resp: 38743  
Ion Ratio Lower Upper  
212 100  
106 2.1 1.7 2.5  
104 1.3 1.0 1.6

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

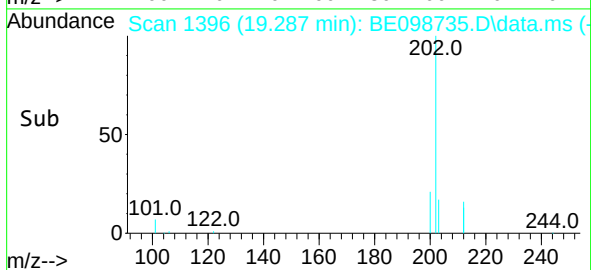
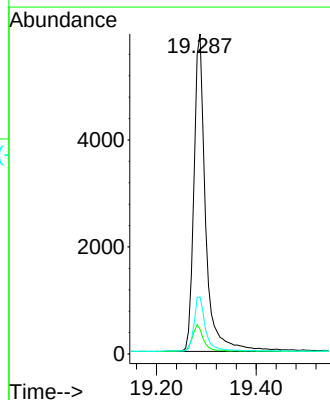
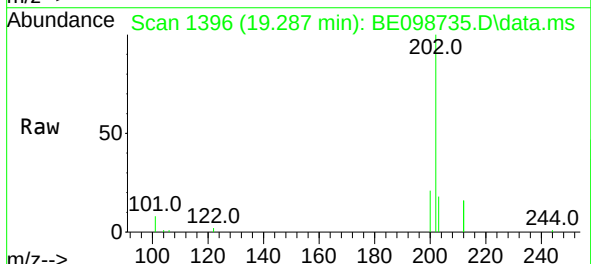
Manual Integrations  
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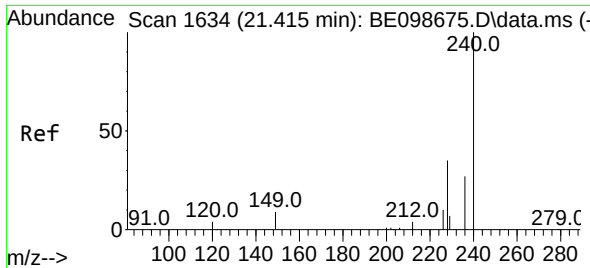
Sohil  
2/21/2019 3:22:34 PM



#26  
Fluoranthene  
Concen: 0.40 ng  
RT: 19.287 min Scan# 1396  
Delta R.T. 0.000 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion: 202 Resp: 9723  
Ion Ratio Lower Upper  
202 100  
101 8.0 6.7 10.1  
203 16.7 13.3 19.9





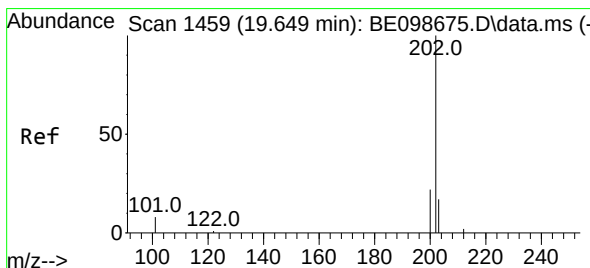
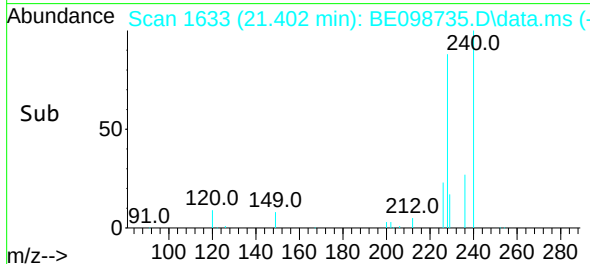
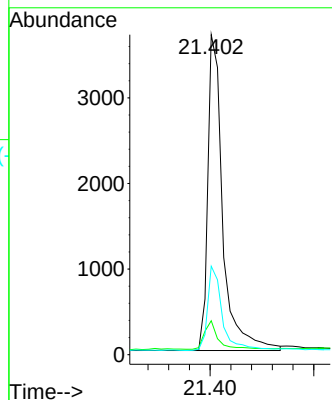
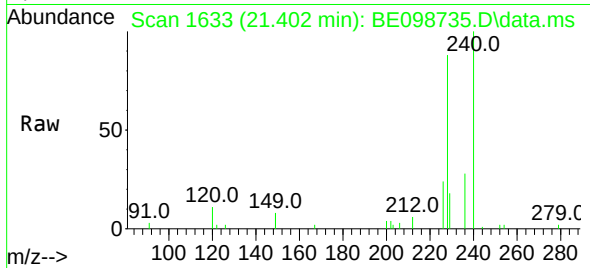
#27  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.402 min Scan# 1633  
Delta R.T. -0.013 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion:240 Resp: 7424  
Ion Ratio Lower Upper  
240 100  
120 10.6 4.7 7.1#  
236 27.7 21.9 32.9

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

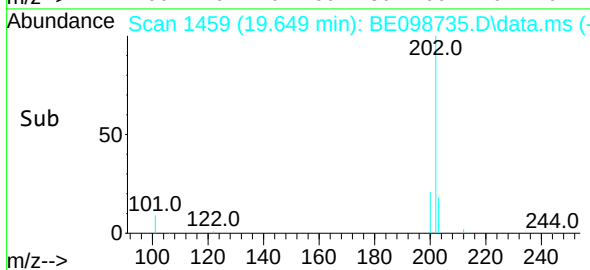
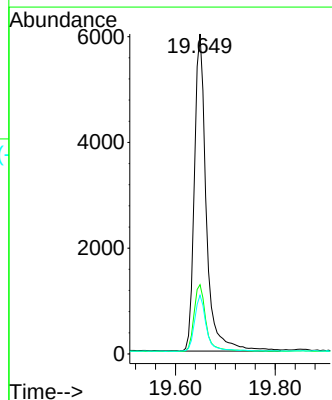
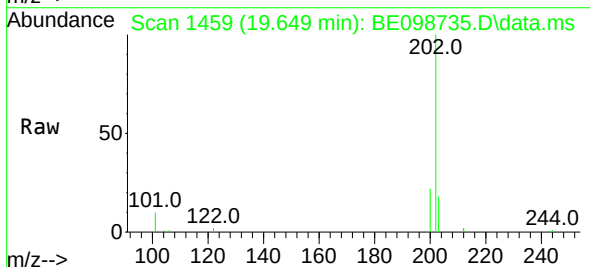
Manual Integrations  
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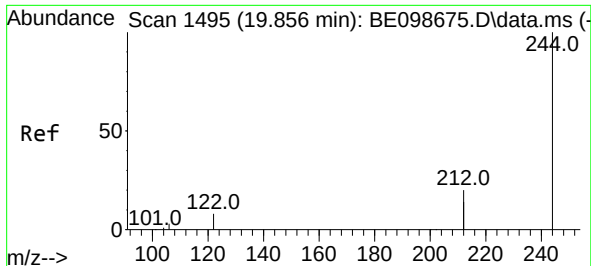


#28  
Pyrene  
Concen: 0.42 ng  
RT: 19.649 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion:202 Resp: 10021  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.0 25.6  
203 17.2 13.8 20.8

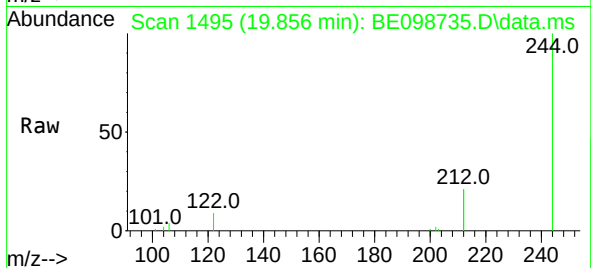






#29  
 Terphenyl-d14  
 Concen: 0.40 ng  
 RT: 19.856 min Scan# 1495  
 Delta R.T. -0.000 min  
 Lab File: BE098735.D  
 Acq: 20 Feb 2019 10:54

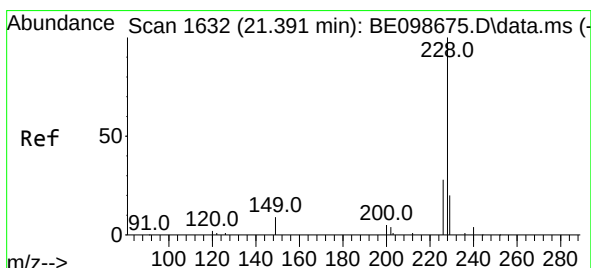
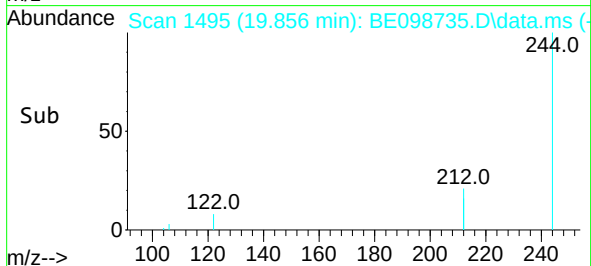
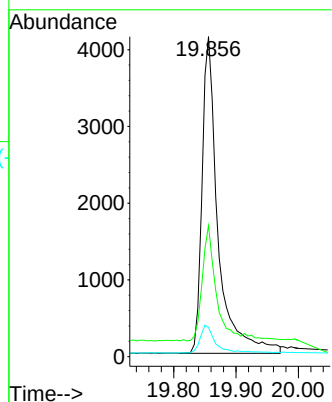
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4



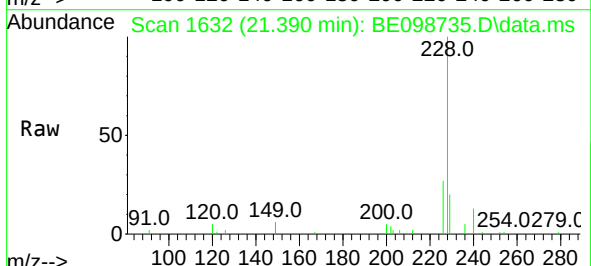
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 41.0  | 29.4  | 44.2  |
| 122     | 9.1   | 7.1   | 10.7  |

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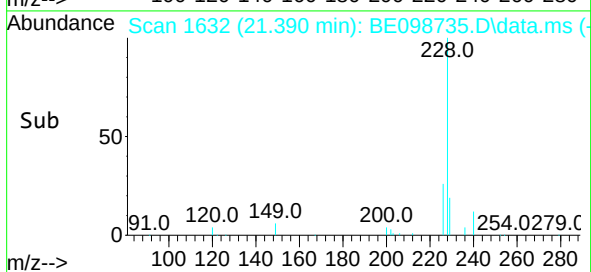
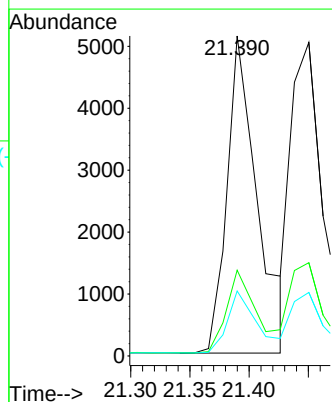
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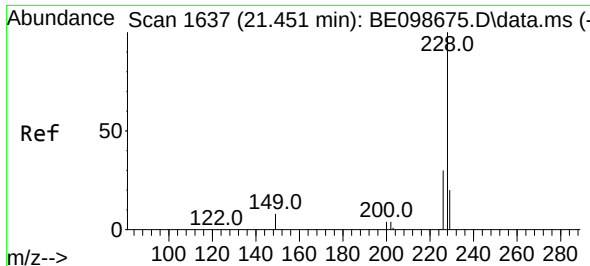


#30  
 Benzo(a)anthracene  
 Concen: 0.41 ng  
 RT: 21.390 min Scan# 1632  
 Delta R.T. -0.001 min  
 Lab File: BE098735.D  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.8  | 23.0  | 34.4  |
| 229     | 20.3  | 15.0  | 22.6  |





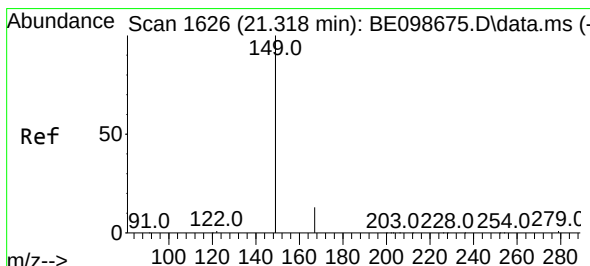
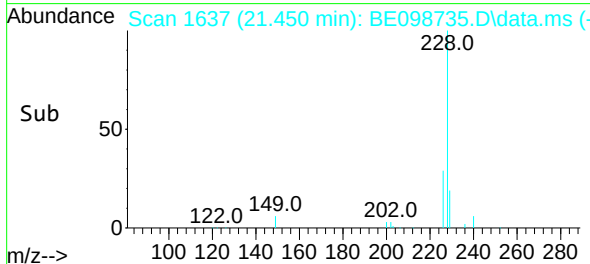
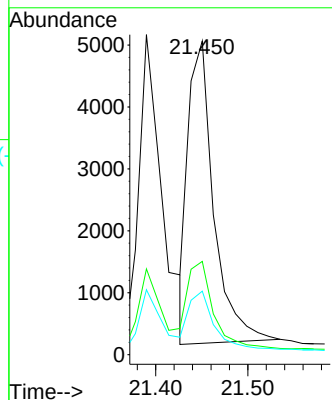
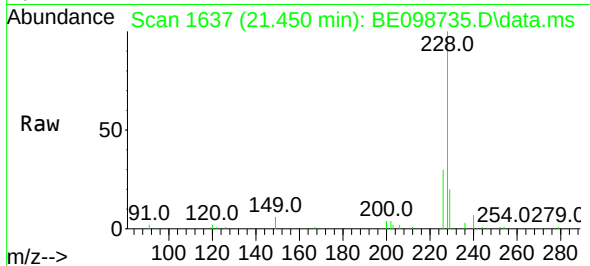
#31  
Chrysene  
Concen: 0.39 ng  
RT: 21.450 min Scan# 1637  
Delta R.T. -0.001 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 9380 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 29.8  | 24.6  | 36.8 |
| 229       | 20.3  | 16.4  | 24.6 |

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

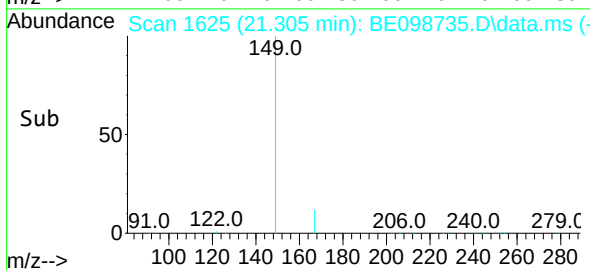
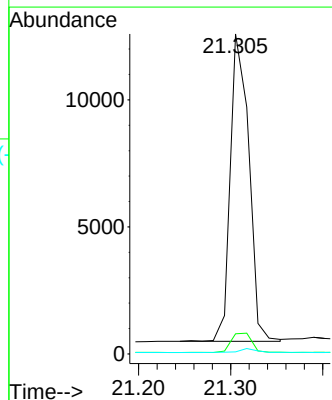
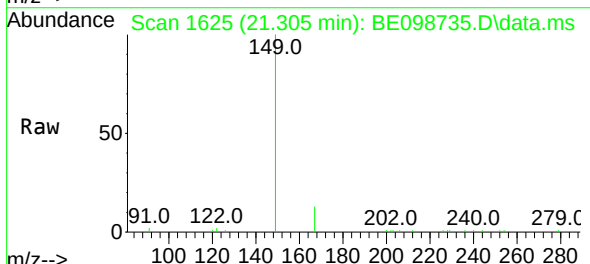
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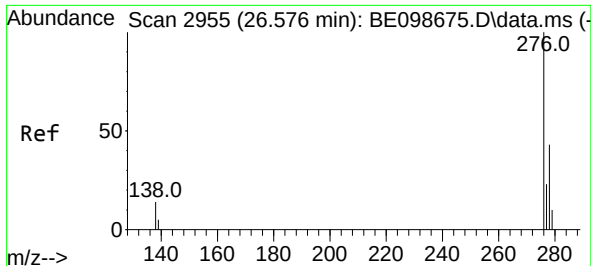
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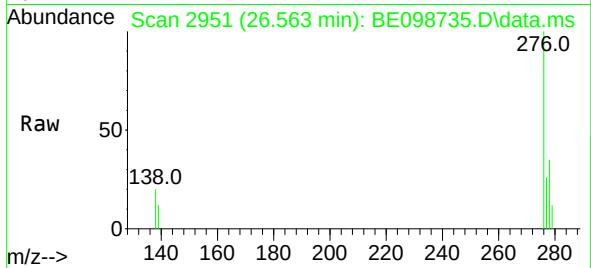
#32  
Bis(2-ethylhexyl)phthalate  
Concen: 0.41 ng  
RT: 21.305 min Scan# 1625  
Delta R.T. -0.013 min  
Lab File: BE098735.D  
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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 16906 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 7.2   | 5.4   | 8.2   |
| 279       | 1.1   | 1.0   | 1.4   |

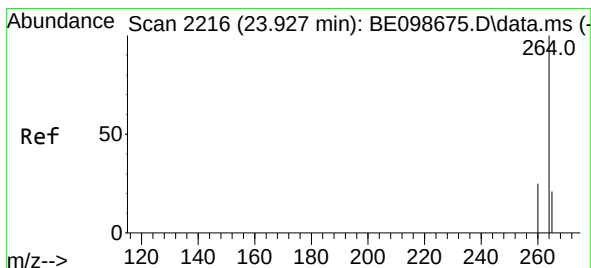
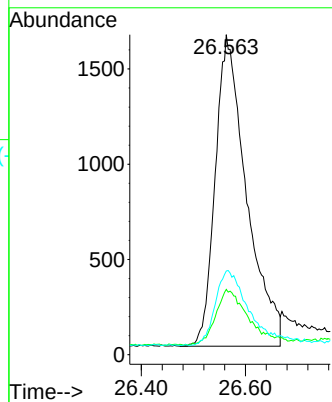
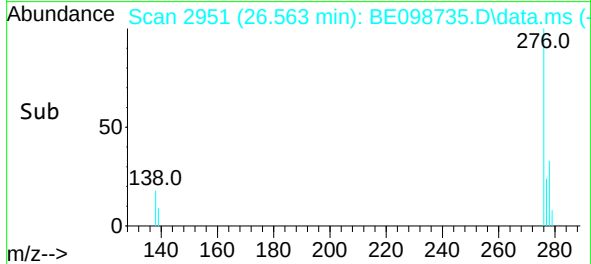




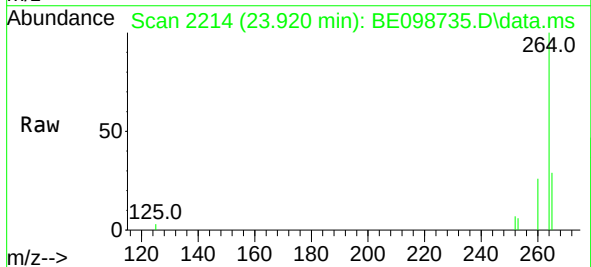
#33  
Indeno(1,2,3-cd)pyrene  
Concen: 0.27 ng  
RT: 26.563 min Scan# 2951  
Delta R.T. -0.013 min  
Lab File: BE098735.D  
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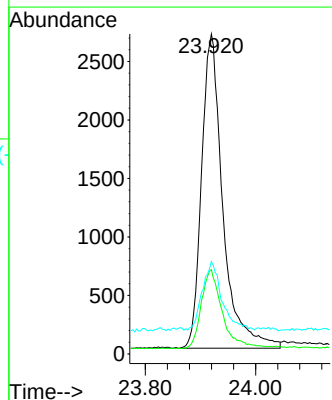
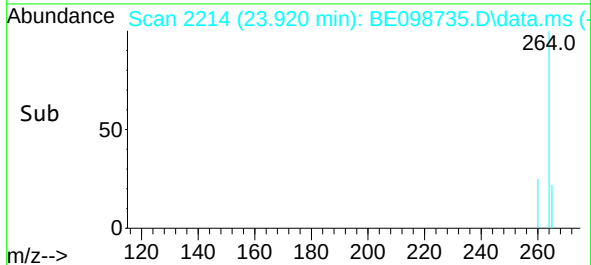
Tgt Ion: 276 Resp: 6815  
Ion Ratio Lower Upper  
276 100  
138 18.2 13.3 19.9  
277 24.2 19.4 29.0



#34  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.920 min Scan# 2214  
Delta R.T. -0.007 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54



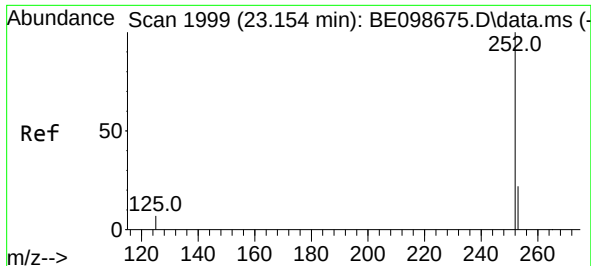
Tgt Ion: 264 Resp: 7191  
Ion Ratio Lower Upper  
264 100  
260 26.4 20.5 30.7  
265 28.9 22.3 33.5



Instrument :  
BNA\_E  
ClientSampled :  
SSTDCCC0.4

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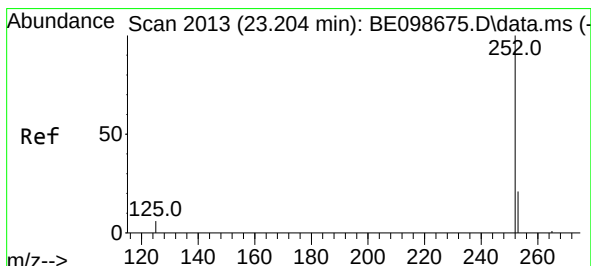
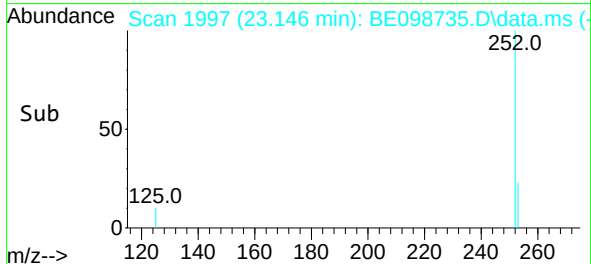
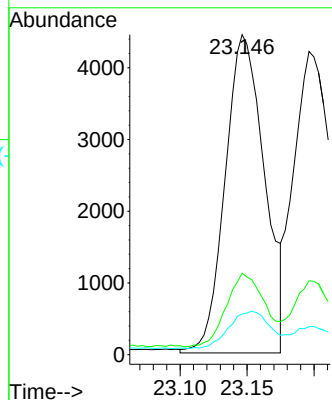
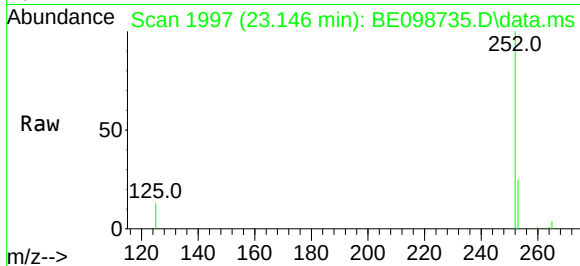
#35  
Benzo(b)fluoranthene  
Concen: 0.39 ng m  
RT: 23.146 min Scan# 1997  
Delta R.T. -0.007 min  
Lab File: BE098735.D  
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Tgt Ion:252 Resp: 9077  
Ion Ratio Lower Upper  
252 100  
253 25.4 19.4 29.0  
125 12.7 8.2 12.4#

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

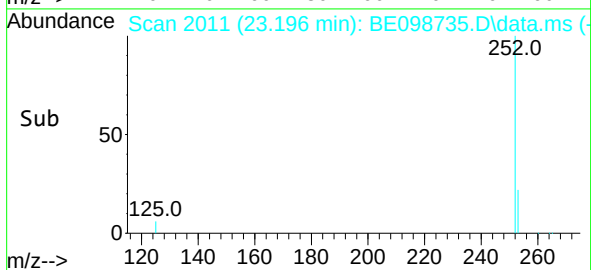
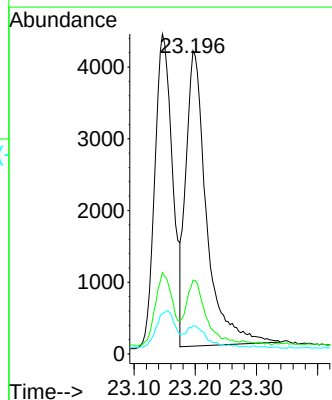
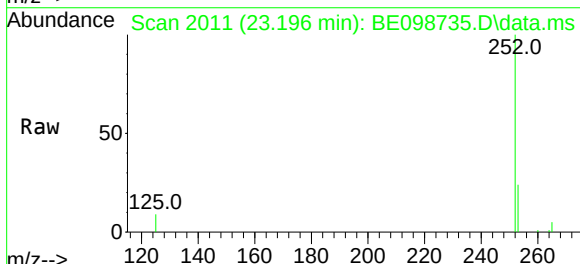
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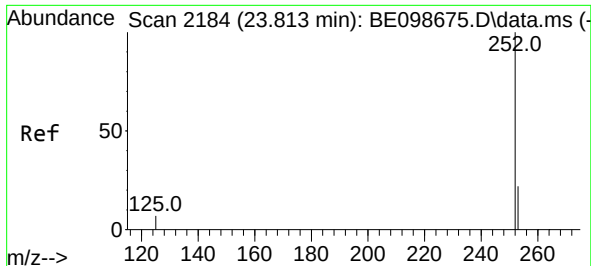
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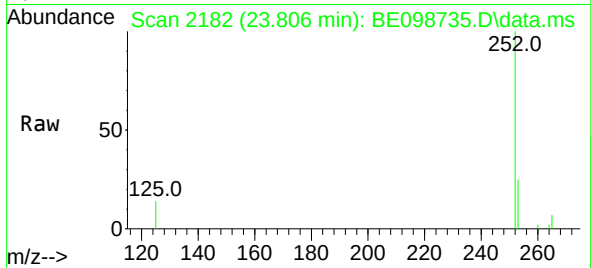
#36  
Benzo(k)fluoranthene  
Concen: 0.39 ng  
RT: 23.196 min Scan# 2011  
Delta R.T. -0.007 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54

Tgt Ion:252 Resp: 9661  
Ion Ratio Lower Upper  
252 100  
253 24.4 19.0 28.4  
125 9.3 7.0 10.4

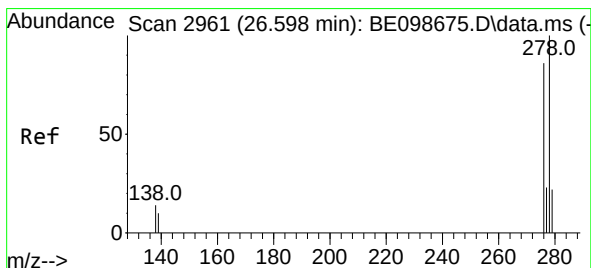
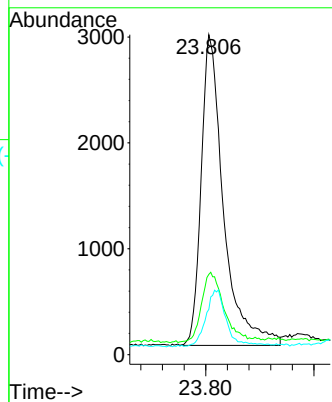
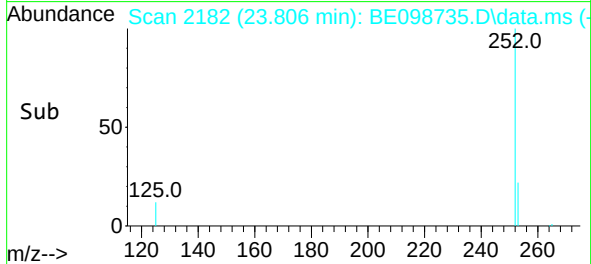




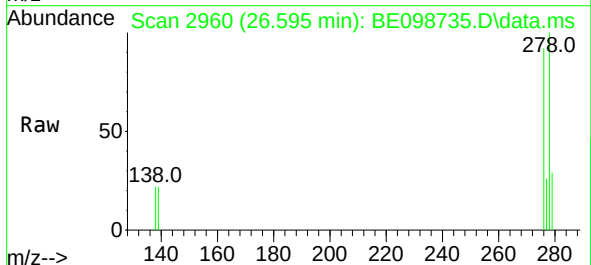
#37  
Benzo(a)pyrene  
Concen: 0.38 ng  
RT: 23.806 min Scan# 2182  
Delta R.T. -0.007 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54



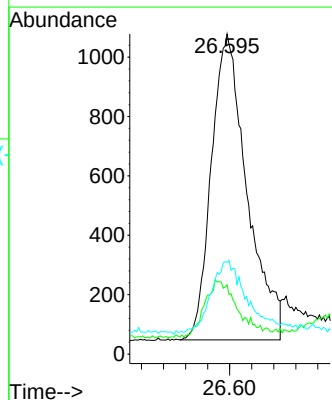
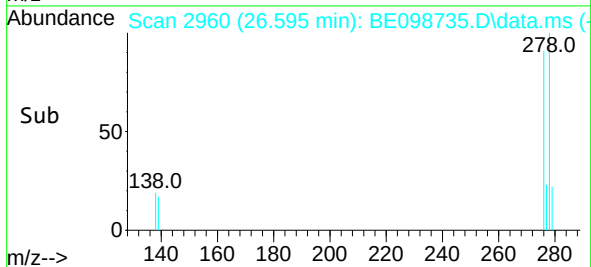
Tgt Ion:252 Resp: 8425  
Ion Ratio Lower Upper  
252 100  
253 25.1 21.0 31.4  
125 14.2 9.2 13.8#



#38  
Dibenzo(a,h)anthracene  
Concen: 0.22 ng  
RT: 26.595 min Scan# 2960  
Delta R.T. -0.003 min  
Lab File: BE098735.D  
Acq: 20 Feb 2019 10:54



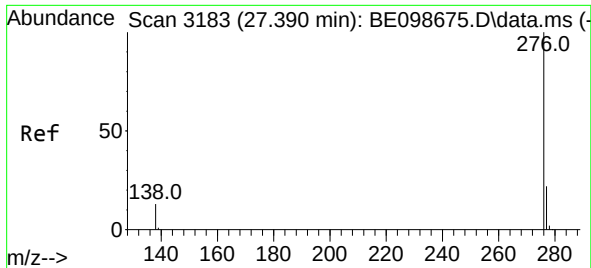
Tgt Ion:278 Resp: 4617  
Ion Ratio Lower Upper  
278 100  
139 21.6 12.7 19.1#  
279 28.7 22.0 33.0



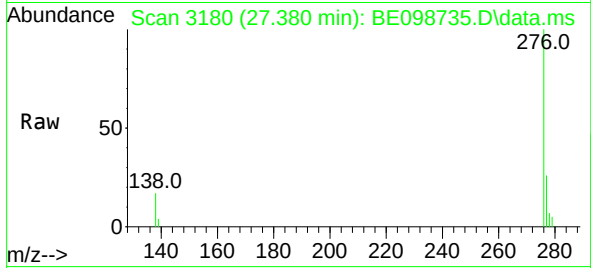
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

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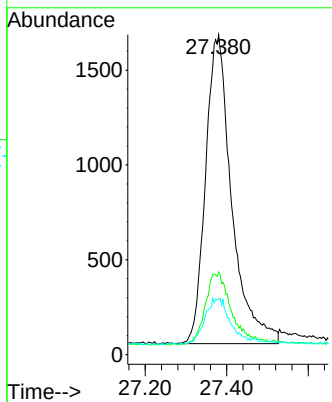
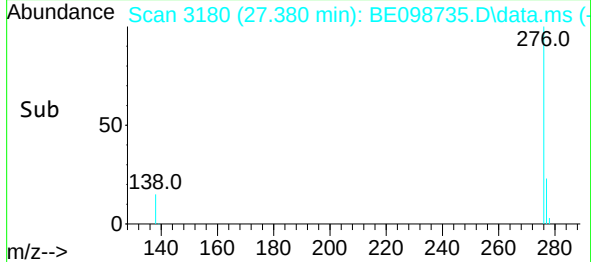
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#39  
 Benzo(g,h,i)perylene  
 Concen: 0.32 ng  
 RT: 27.380 min Scan# 3180  
 Delta R.T. -0.010 min  
 Lab File: BE098735.D  
 Acq: 20 Feb 2019 10:54



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 276   | Resp: | 7253 |
| Ion Ratio | Lower | Upper |      |
| 276       | 100   |       |      |
| 277       | 25.8  | 20.3  | 30.5 |
| 138       | 17.4  | 13.3  | 19.9 |



Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

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