

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\  
 Data File : BE101126.D  
 Acq On : 22 Jan 2020 22:12  
 Operator : CG/JU  
 Sample : L1148-18  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SB-49-(0.5-2)

Manual Integrations  
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 1/23/2020 1:54:02 PM

Quant Time: Jan 23 10:20:47 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 08 18:36:25 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 2326     | 0.40 | ng    | -0.01    |
| 7) Naphthalene-d8         | 10.50 | 136  | 12253    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.36 | 164  | 8955     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.09 | 188  | 16533    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.28 | 240  | 18967    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.73 | 264  | 20880    | 0.40 | ng    | 0.03     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.34  | 112 | 2061  | 0.39 | ng | 0.00  |
| 5) Phenol-d6                | 6.92  | 99  | 3146  | 0.47 | ng | 0.00  |
| 8) Nitrobenzene-d5          | 8.86  | 82  | 2820  | 0.32 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.09 | 152 | 4797  | 0.21 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol    | 15.85 | 330 | 876   | 0.35 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 12.99 | 172 | 7000  | 0.21 | ng | -0.01 |
| 25) Fluoranthene-d10        | 19.14 | 212 | 46674 | 0.20 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.73 | 244 | 10286 | 0.22 | ng | 0.00  |

|                                |       |     |         |        |        |      |
|--------------------------------|-------|-----|---------|--------|--------|------|
| Target Compounds               |       |     |         |        | Qvalue |      |
| 9) Naphthalene                 | 10.55 | 128 | 578370  | 4.251  | ng     | 100  |
| 12) 2-Methylnaphthalene        | 12.17 | 142 | 27857   | 1.354  | ng     | # 73 |
| 16) Acenaphthylene             | 14.08 | 152 | 161030  | 4.415  | ng     | 100  |
| 17) Acenaphthene               | 14.43 | 154 | 12797   | 0.490  | ng     | # 77 |
| 18) Fluorene                   | 15.39 | 166 | 51394   | 1.557  | ng     | 89   |
| 23) Phenanthrene               | 17.13 | 178 | 684118  | 15.153 | ng     | 100  |
| 24) Anthracene                 | 17.23 | 178 | 188337  | 4.421  | ng     | 99   |
| 26) Fluoranthene               | 19.17 | 202 | 1141476 | 20.189 | ng     | 98   |
| 28) Pyrene                     | 19.53 | 202 | 1203974 | 17.053 | ng     | 97   |
| 30) Benzo(a)anthracene         | 21.27 | 228 | 801744  | 14.814 | ng     | 92   |
| 31) Chrysene                   | 21.32 | 228 | 745521  | 9.268  | ng     | 94   |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 23135   | 0.257  | ng     | # 96 |
| 33) Indeno(1,2,3-cd)pyrene     | 26.32 | 276 | 872530  | 13.729 | ng     | 99   |
| 35) Benzo(b)fluoranthene       | 22.99 | 252 | 1453074 | 24.814 | ng     | 98   |
| 36) Benzo(k)fluoranthene       | 23.03 | 252 | 528087m | 6.223  | ng     |      |
| 37) Benzo(a)pyrene             | 23.62 | 252 | 858879  | 15.162 | ng     | 98   |
| 38) Dibenzo(a,h)anthracene     | 26.32 | 278 | 180702  | 3.469  | ng     | 97   |
| 39) Benzo(a,h,i)perylene       | 27.12 | 276 | 839483  | 13.103 | ng     | 99   |

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

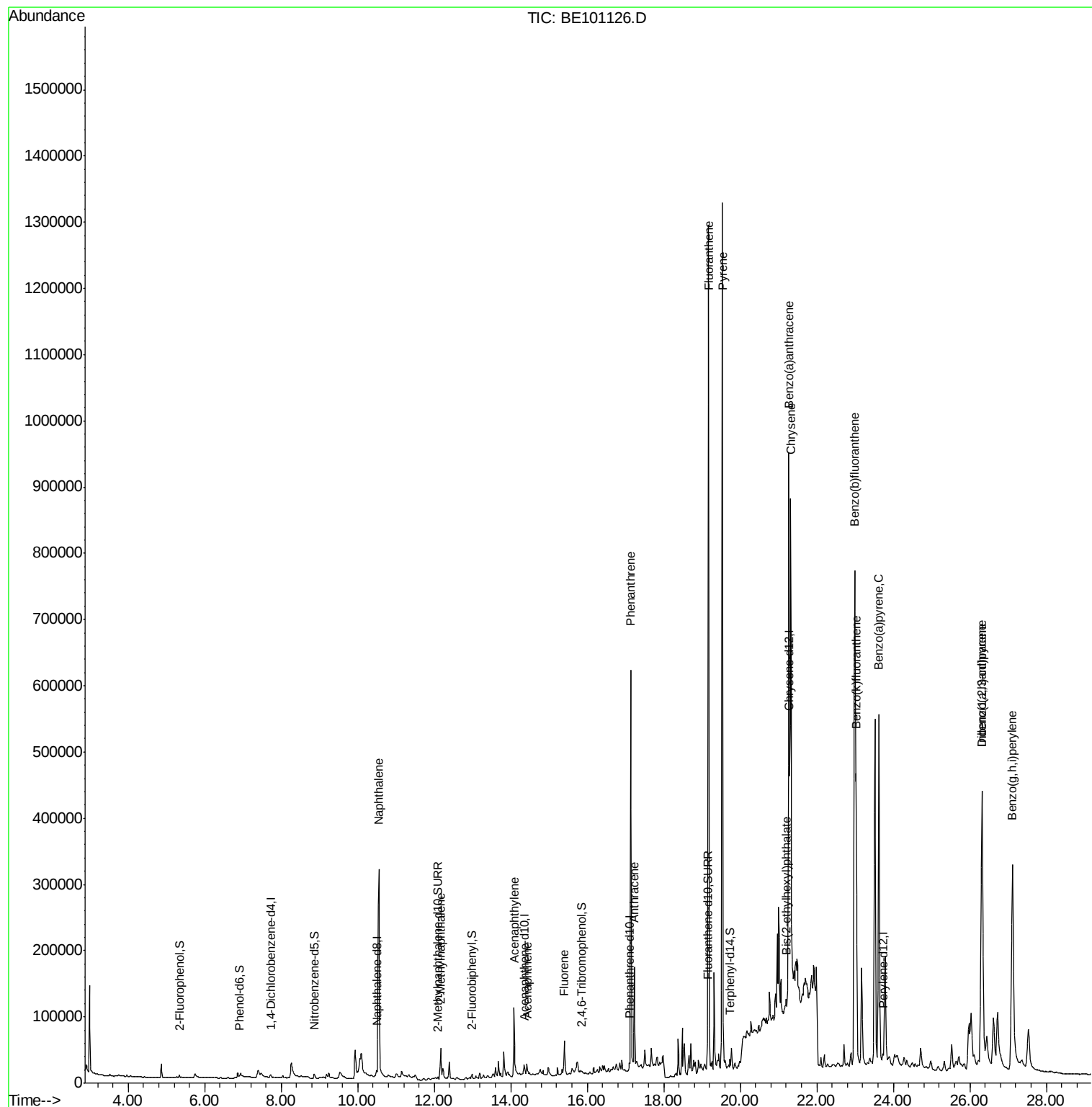
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012220\  
Data File : BE101126.D  
Acq On : 22 Jan 2020 22:12  
Operator : CG/JU  
Sample : L1148-18  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

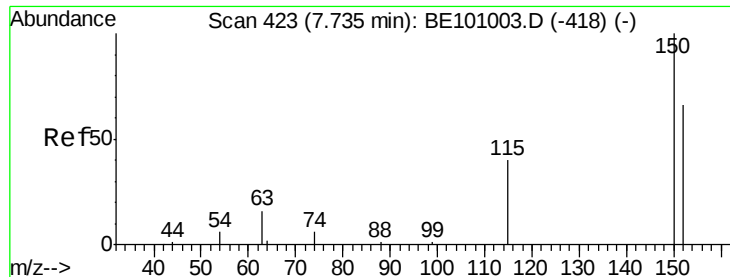
Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

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Quant Time: Jan 23 10:20:47 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 08 18:36:25 2020  
Response via : Initial Calibration





#1

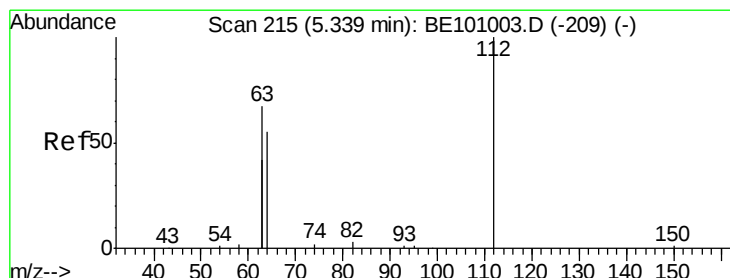
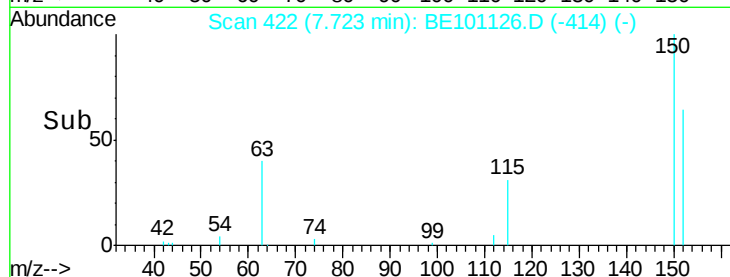
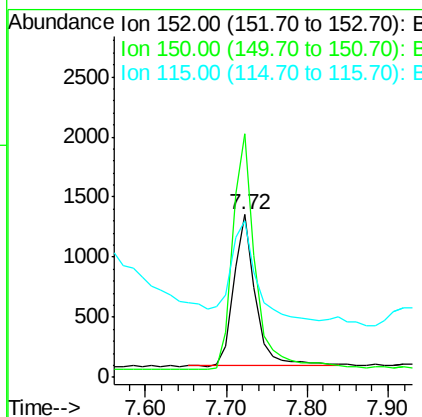
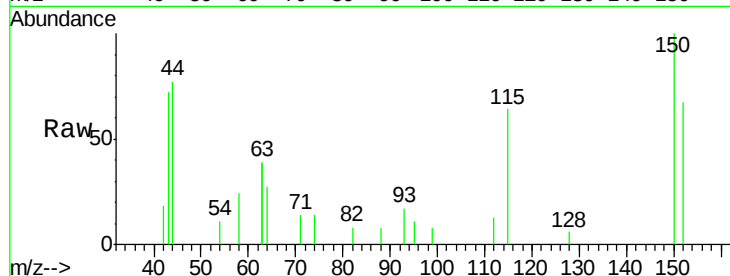
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.72 min Scan# 422  
Delta R.T. -0.01 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.0 | 120.3 | 180.5 |
| 115     | 96.1  | 51.7  | 77.5# |

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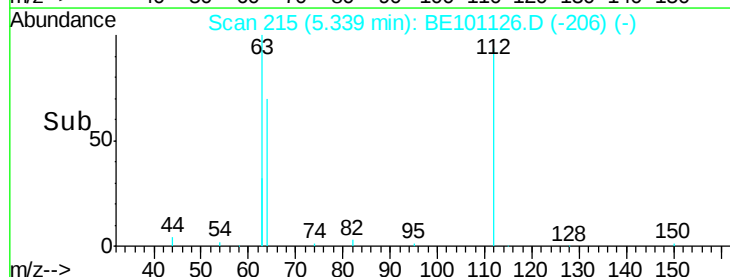
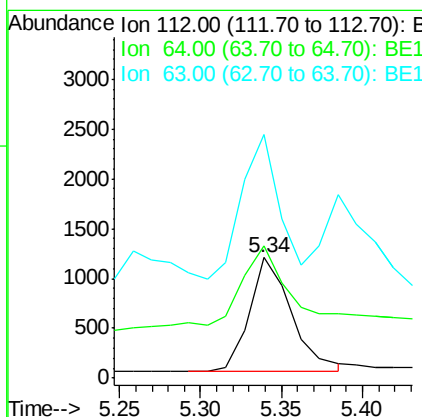
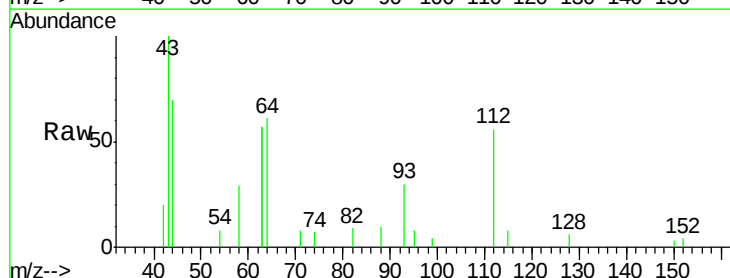
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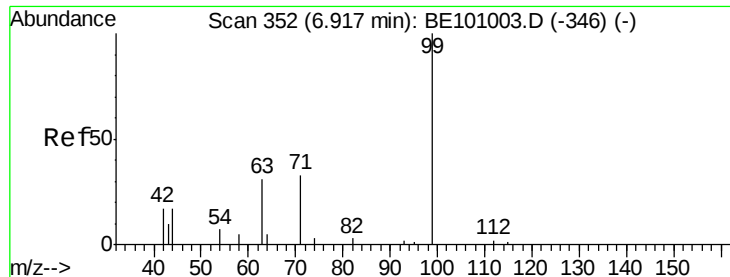


#4

2-Fluorophenol  
Concen: 0.394 ng  
RT: 5.34 min Scan# 215  
Delta R.T. -0.00 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 112     | 100   |       |        |
| 64      | 77.5  | 53.6  | 80.4   |
| 63      | 112.2 | 114.6 | 172.0# |





#5

Phenol-d6

Concen: 0.475 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.00 min

Lab File: BE101126.D

Acq: 22 Jan 2020 22:12

Instrument :

BNA\_E

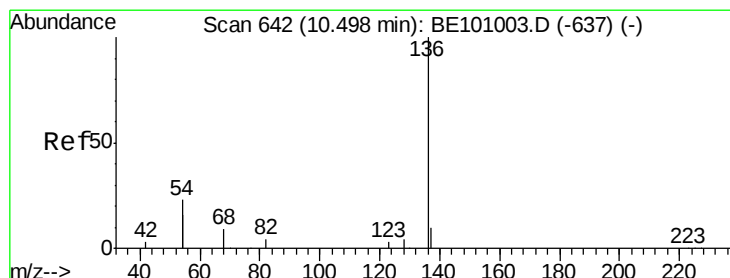
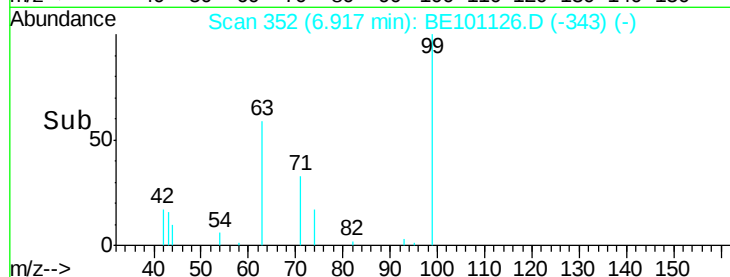
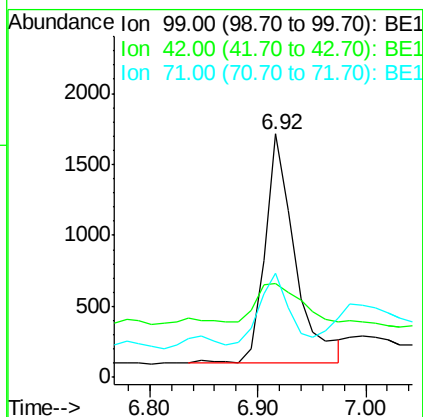
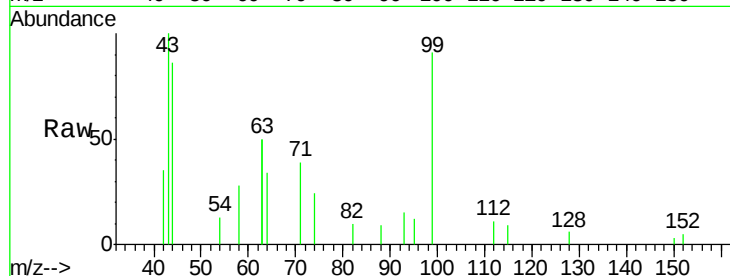
ClientSampleId :

SB-49-(0.5-2)

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 99    | Resp: | 3146  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 32.9  | 18.3  | 27.5# |
| 71       | 31.1  | 28.0  | 42.0  |

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#7

Naphthalene-d8

Concen: 0.400 ng

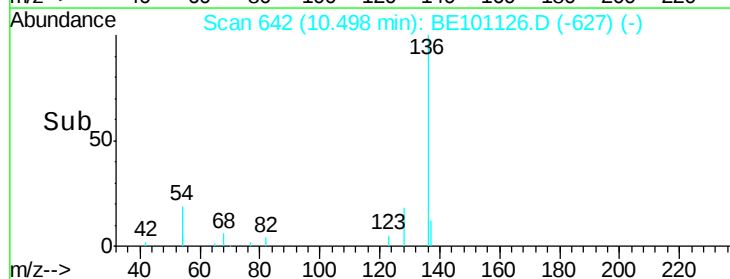
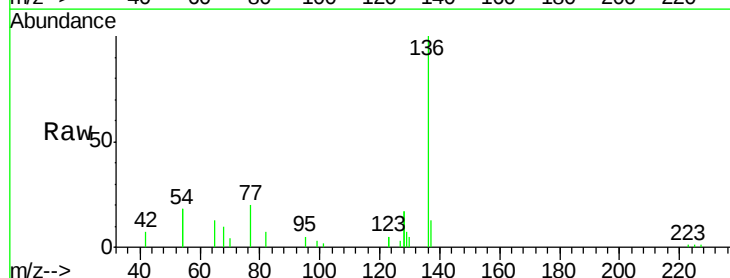
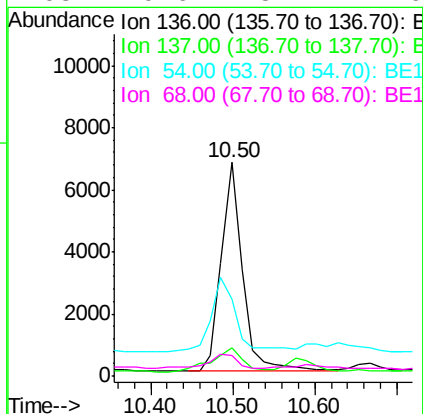
RT: 10.50 min Scan# 642

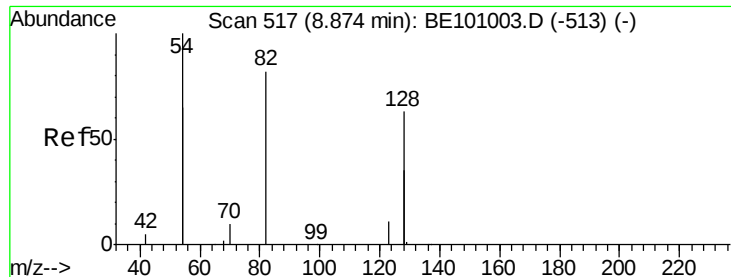
Delta R.T. 0.00 min

Lab File: BE101126.D

Acq: 22 Jan 2020 22:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12253 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 13.5  | 9.3   | 13.9  |
| 54       | 35.7  | 36.8  | 55.2# |
| 68       | 9.6   | 8.4   | 12.6  |





#8

Nitrobenzene-d5

Concen: 0.322 ng

RT: 8.86 min Scan# 516

Delta R.T. -0.01 min

Lab File: BE101126.D

Acq: 22 Jan 2020 22:12

Instrument :

BNA\_E

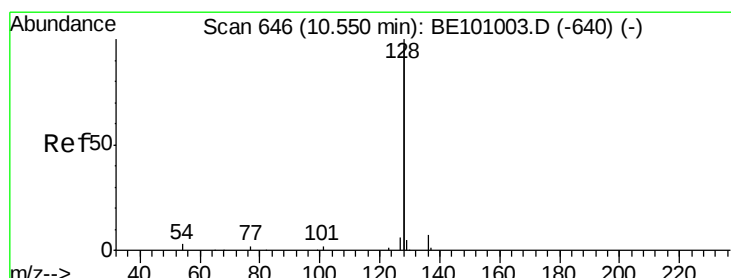
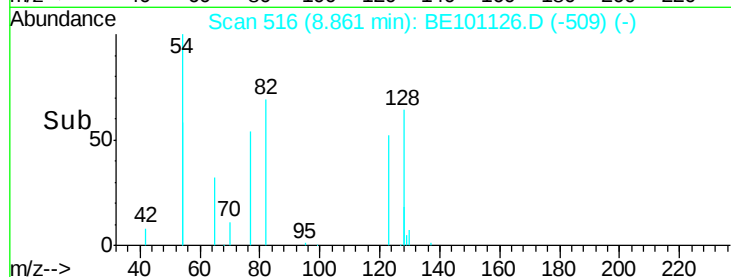
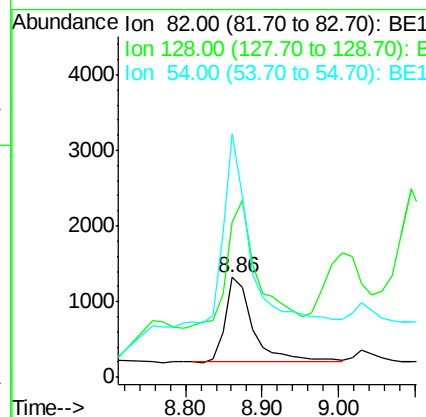
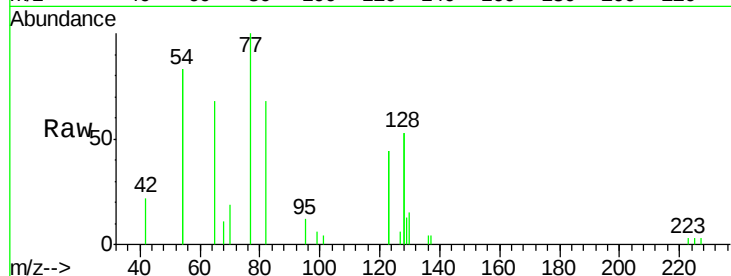
ClientSampleId :

SB-49-(0.5-2)

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 82    | Resp: | 2820  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 156.4 | 109.8 | 164.6 |
| 54       | 244.3 | 174.5 | 261.7 |

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#9

Naphthalene

Concen: 4.251 ng

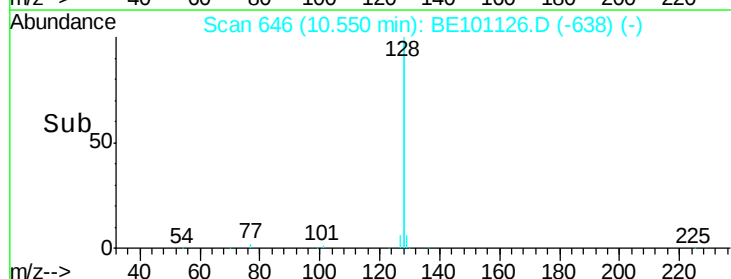
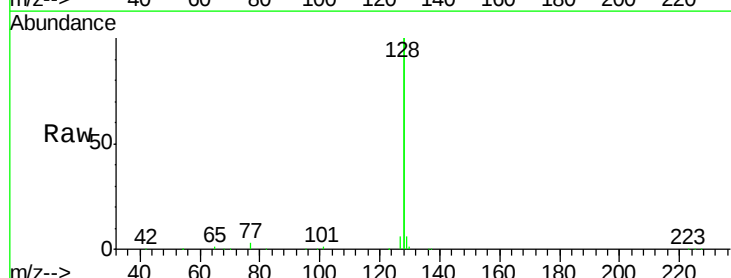
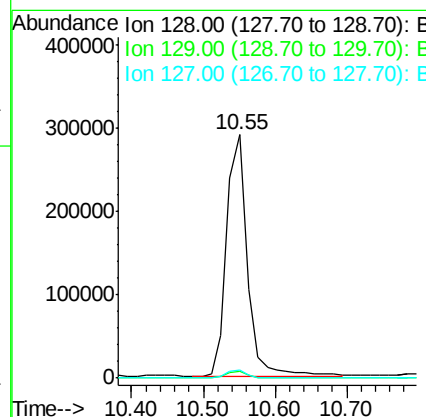
RT: 10.55 min Scan# 646

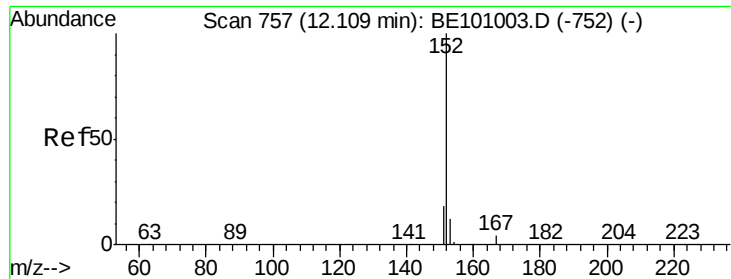
Delta R.T. 0.00 min

Lab File: BE101126.D

Acq: 22 Jan 2020 22:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 578370 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 129      | 3.0   | 2.3   | 3.5    |
| 127      | 3.2   | 2.7   | 4.1    |





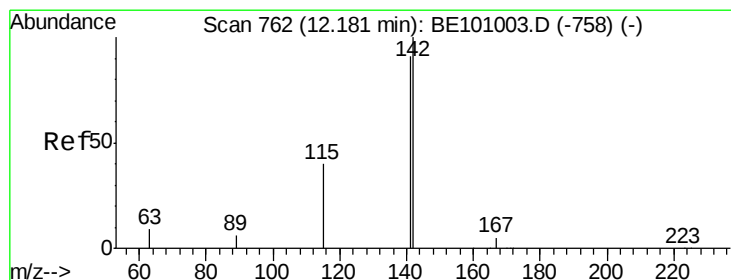
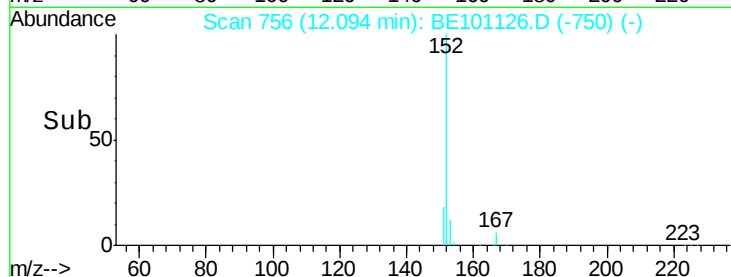
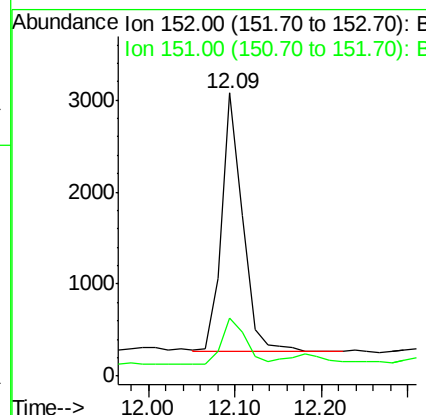
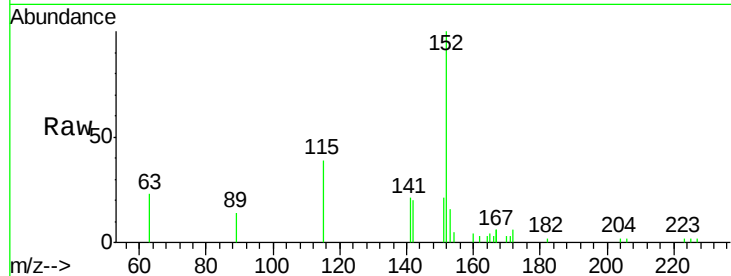
#11  
2-Methylnaphthalene-d10  
Concen: 0.205 ng  
RT: 12.09 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 15.0  | 22.6  |

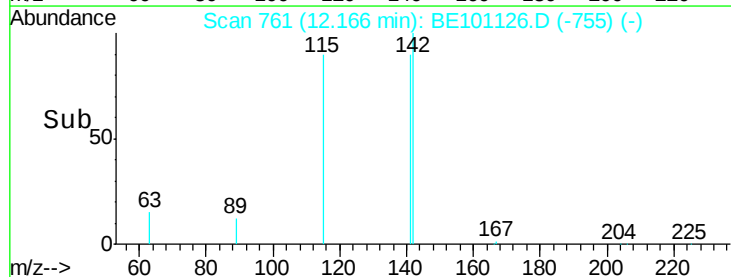
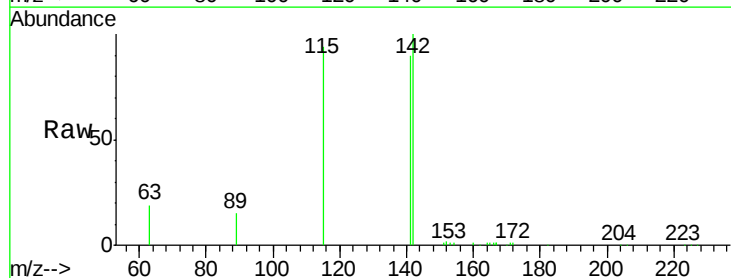
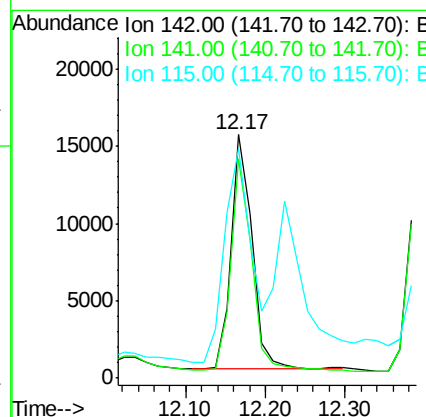
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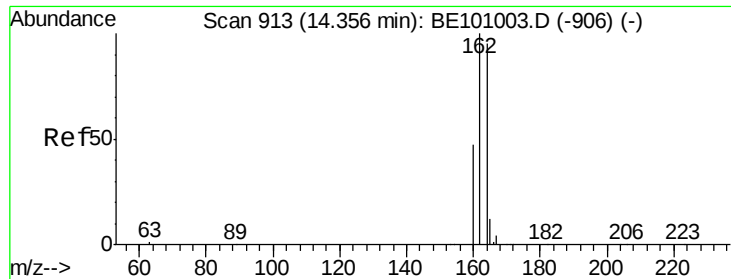
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#12  
2-Methylnaphthalene  
Concen: 1.354 ng  
RT: 12.17 min Scan# 761  
Delta R.T. -0.01 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.2  | 72.5  | 108.7 |
| 115     | 94.3  | 33.0  | 49.6  |





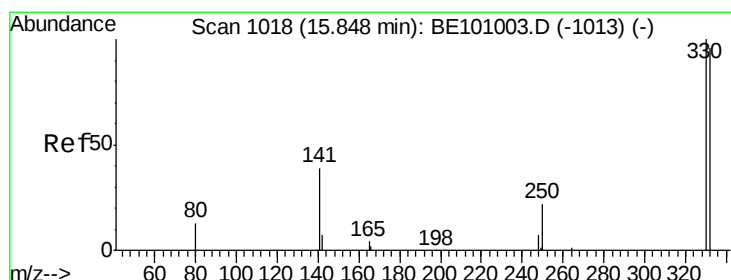
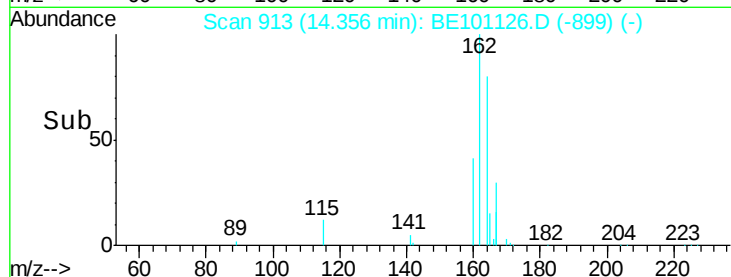
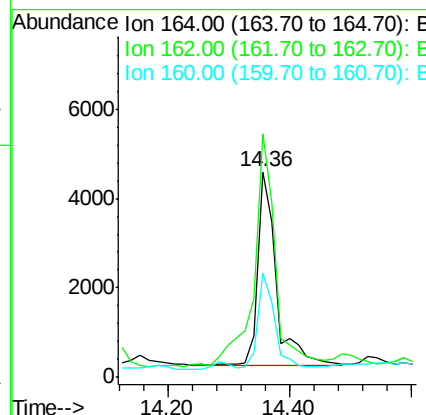
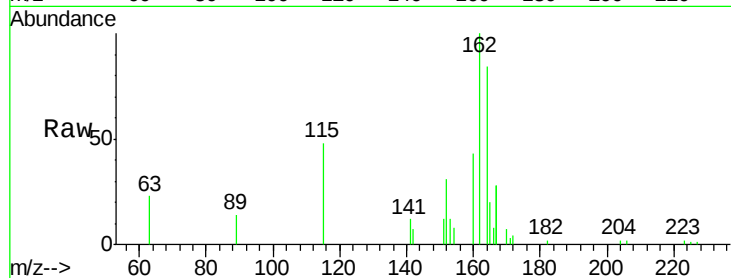
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Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.36 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 118.4 | 84.1  | 126.1 |
| 160     | 50.8  | 40.4  | 60.6  |

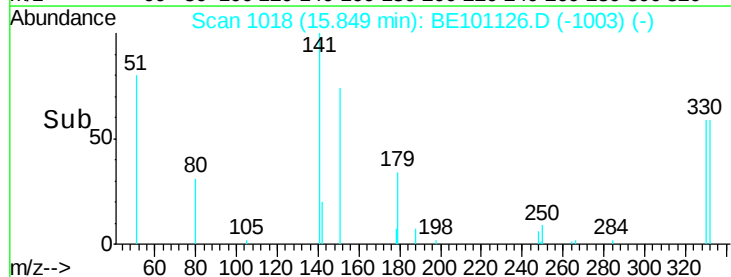
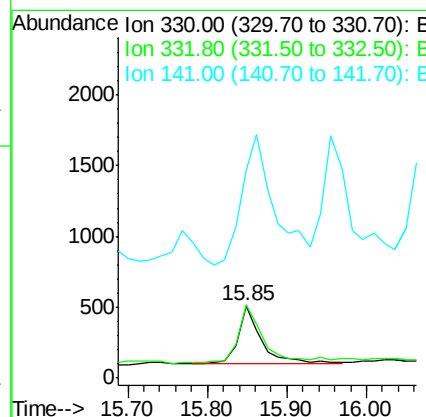
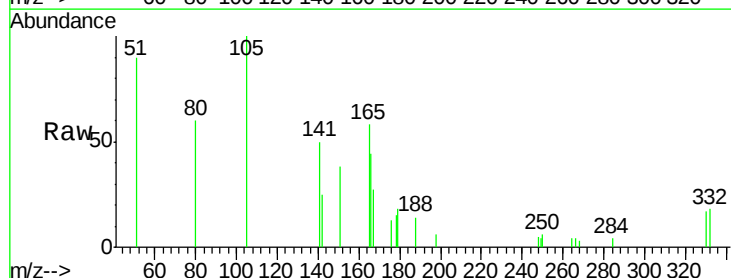
Manual Integrations  
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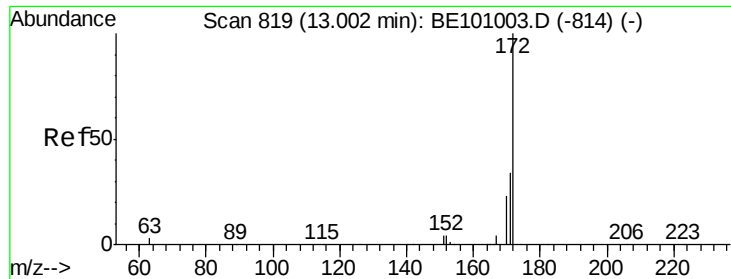
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#14  
2,4,6-Tribromophenol  
Concen: 0.347 ng  
RT: 15.85 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 105.3 | 78.4  | 117.6 |
| 141     | 307.5 | 37.0  | 55.4# |





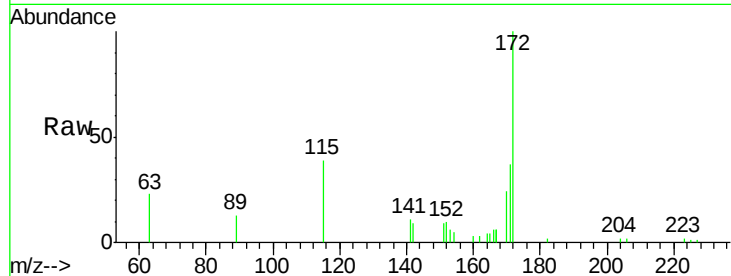
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2-Fluorobiphenyl  
Concen: 0.206 ng  
RT: 12.99 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

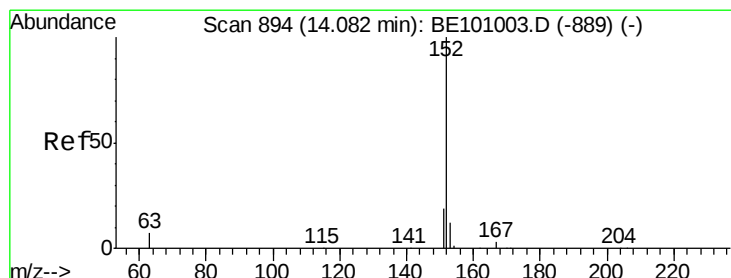
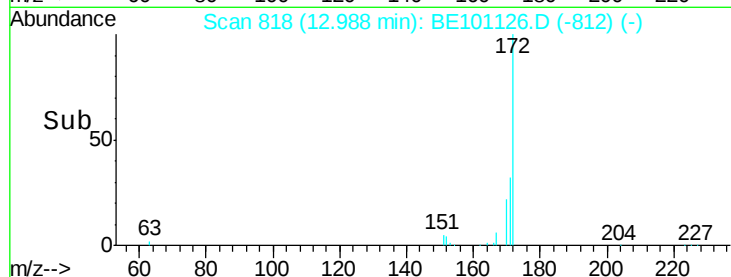
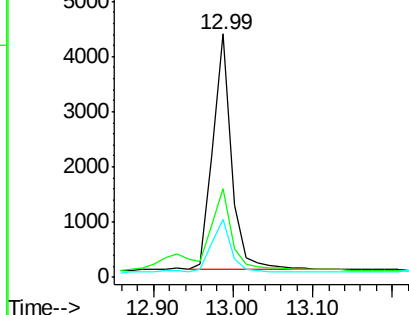
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.7  | 28.2  | 42.2  |
| 170     | 23.9  | 18.9  | 28.3  |

Manual Integrations  
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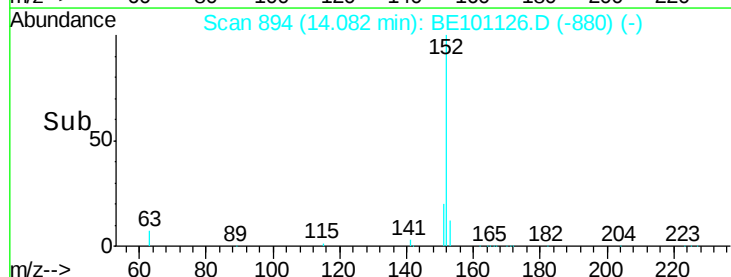
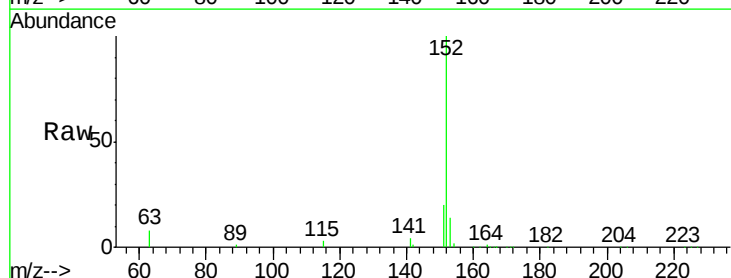
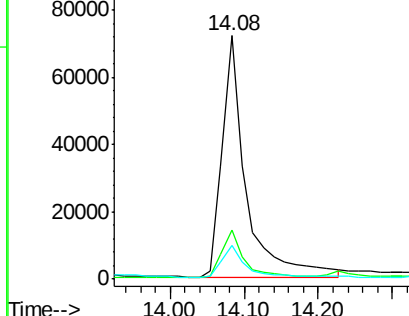
Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

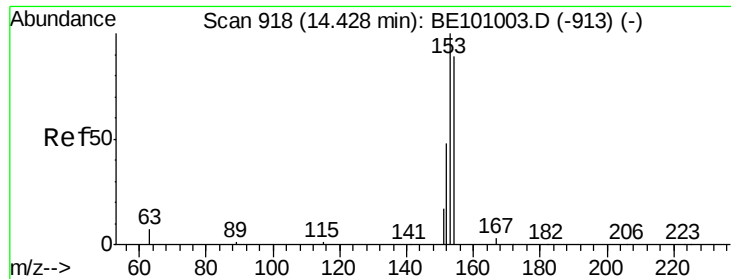


#16  
Acenaphthylene  
Concen: 4.415 ng  
RT: 14.08 min Scan# 894  
Delta R.T. 0.00 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.2  | 15.5  | 23.3  |
| 153     | 12.8  | 10.4  | 15.6  |

Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E





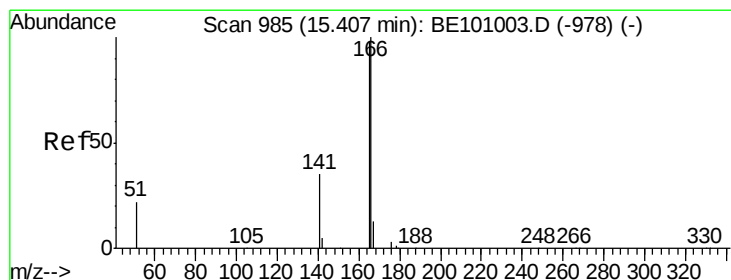
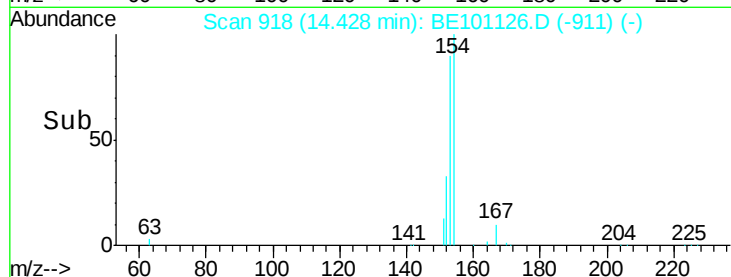
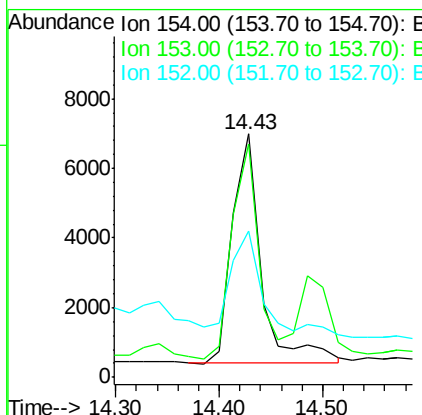
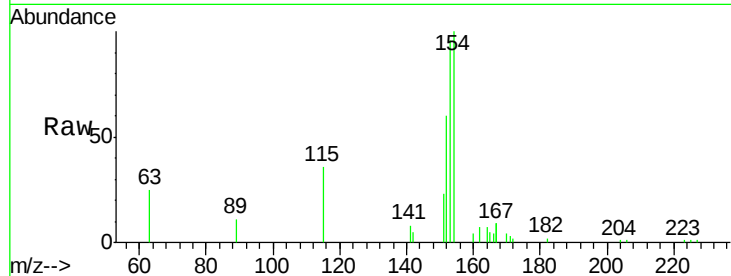
#17  
Acenaphthene  
Concen: 0.490 ng  
RT: 14.43 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 154     | 100   |       |        |
| 153     | 85.6  | 93.6  | 140.4# |
| 152     | 48.6  | 46.3  | 69.5   |

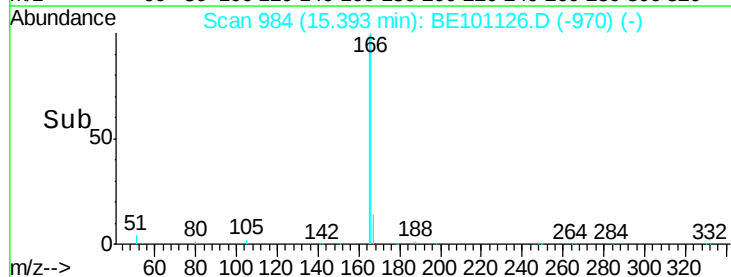
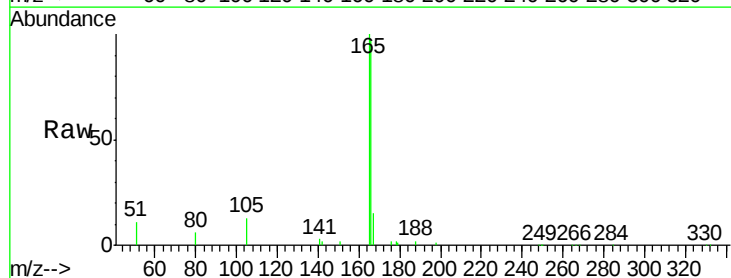
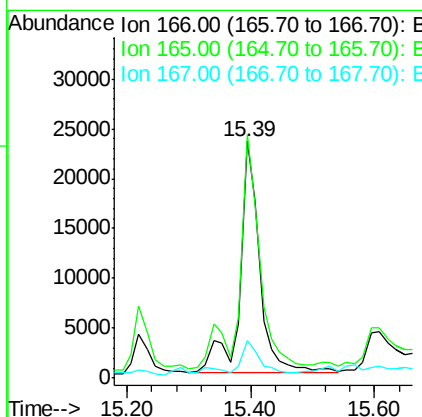
Manual Integrations  
APPROVED

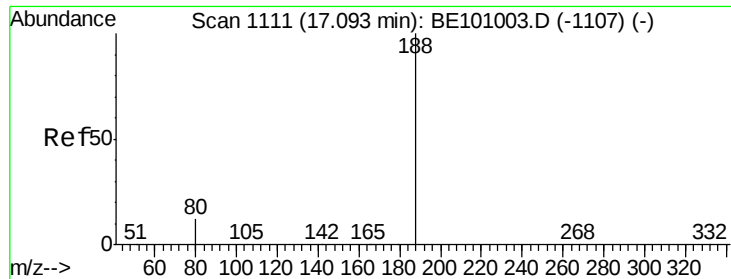
mohammad  
1/23/2020 1:54:02 PM



#18  
Fluorene  
Concen: 1.557 ng  
RT: 15.39 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 87.4  | 79.8  | 119.8 |
| 167     | 12.1  | 11.0  | 16.6  |





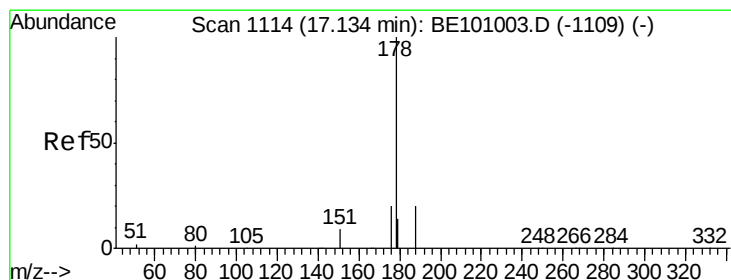
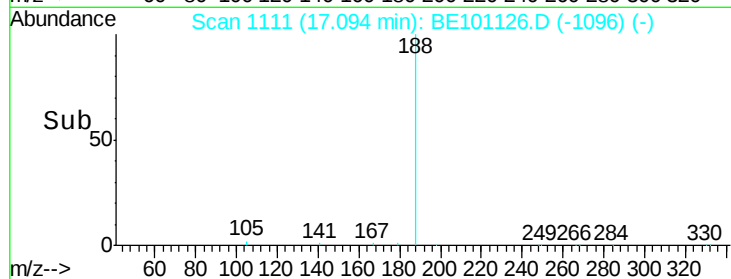
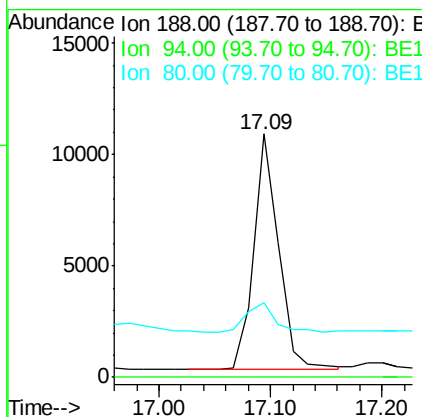
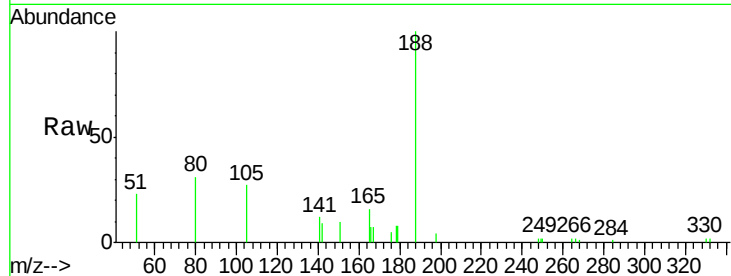
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.09 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 0.0   | 0.0   | 0.0   |
| 80      | 30.8  | 10.8  | 16.2  |

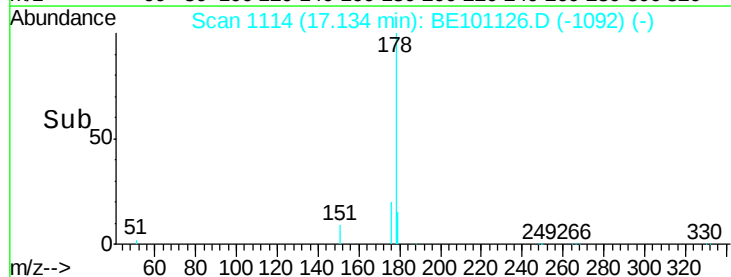
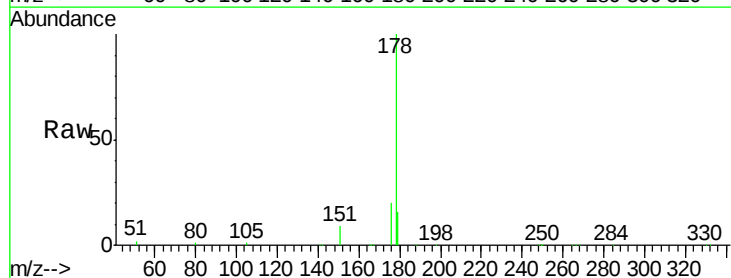
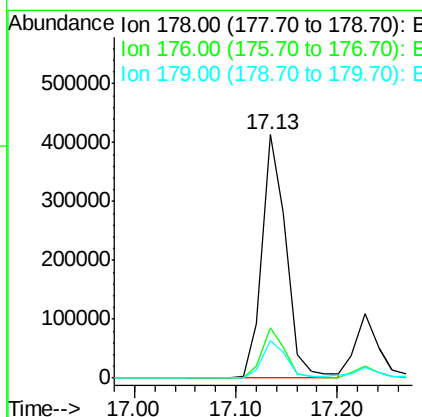
Manual Integrations  
APPROVED

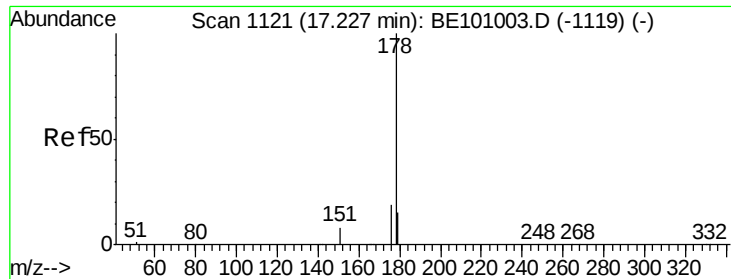
mohammad  
1/23/2020 1:54:02 PM



#23  
Phenanthrene  
Concen: 15.153 ng  
RT: 17.13 min Scan# 1114  
Delta R.T. 0.00 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 15.7  | 23.5  |
| 179     | 15.4  | 12.0  | 18.0  |





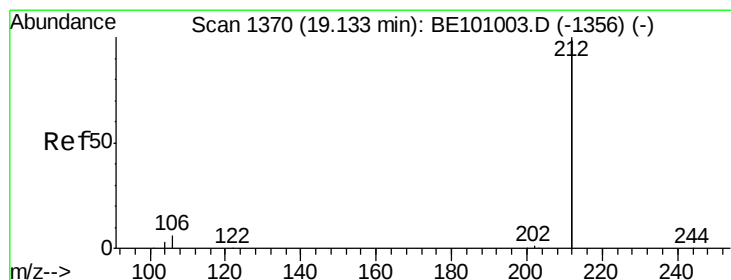
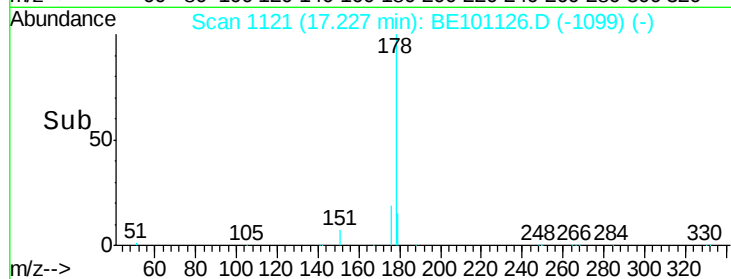
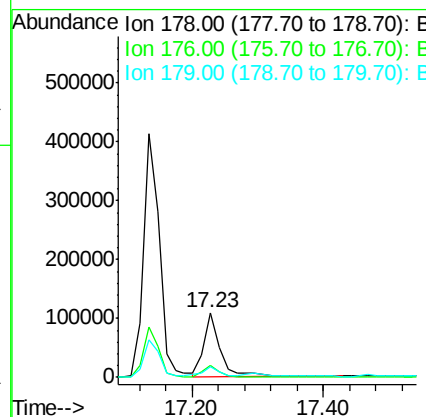
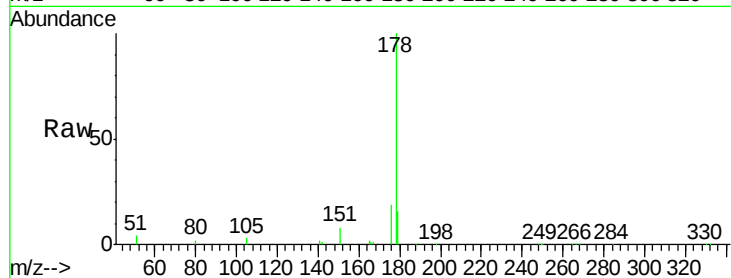
#24  
 Anthracene  
 Concen: 4.421 ng  
 RT: 17.23 min Scan# 1121  
 Delta R.T. 0.00 min  
 Lab File: BE101126.D  
 Acq: 22 Jan 2020 22:12

Instrument :  
 BNA\_E  
 ClientSampled :  
 SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 14.8  | 22.2  |
| 179     | 15.0  | 12.4  | 18.6  |

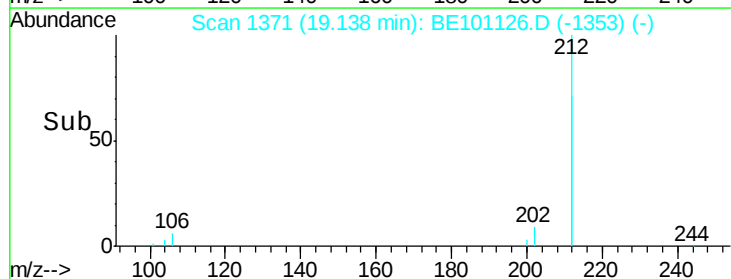
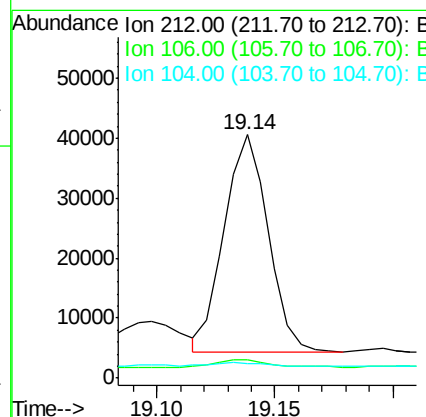
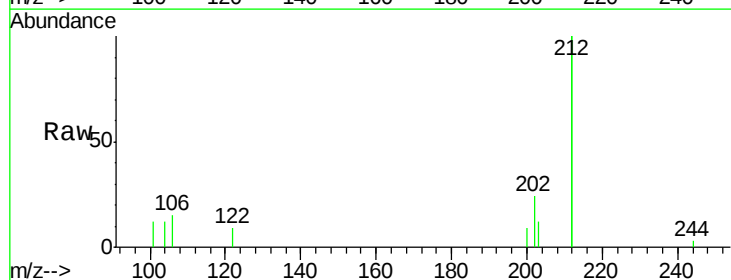
Manual Integrations  
 APPROVED

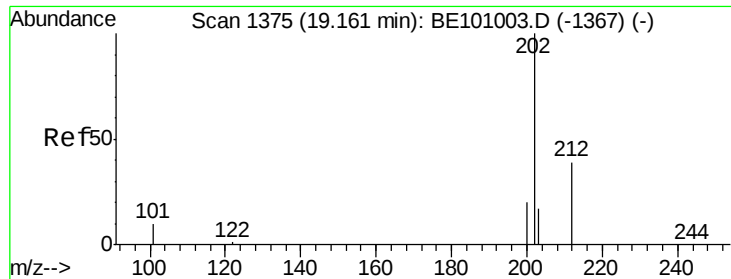
mohammad  
 1/23/2020 1:54:02 PM



#25  
 Fluoranthene-d10  
 Concen: 0.203 ng  
 RT: 19.14 min Scan# 1371  
 Delta R.T. 0.01 min  
 Lab File: BE101126.D  
 Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 4.3   | 2.6   | 3.8#  |
| 104     | 2.5   | 1.4   | 2.0#  |





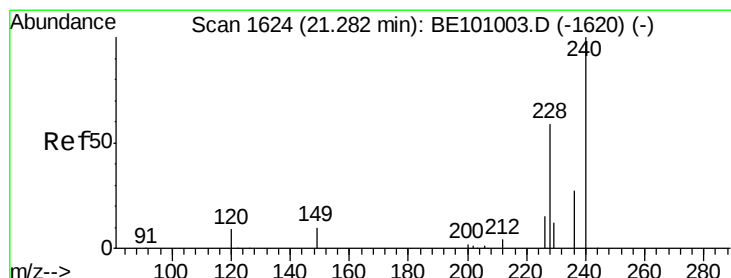
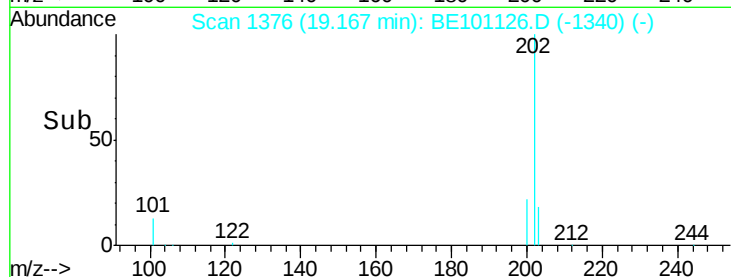
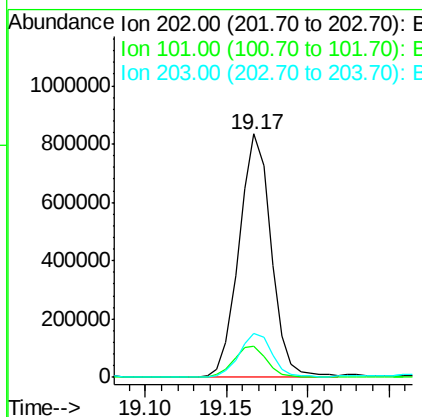
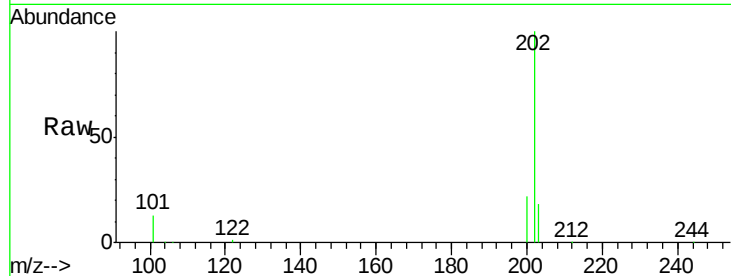
#26  
Fluoranthene  
Concen: 20.189 ng  
RT: 19.17 min Scan# 1376  
Delta R.T. 0.01 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

Tot Ion:202 Resp: 1141476  
Ion Ratio Lower Upper  
202 100  
101 12.9 9.6 14.4  
203 17.9 13.8 20.6

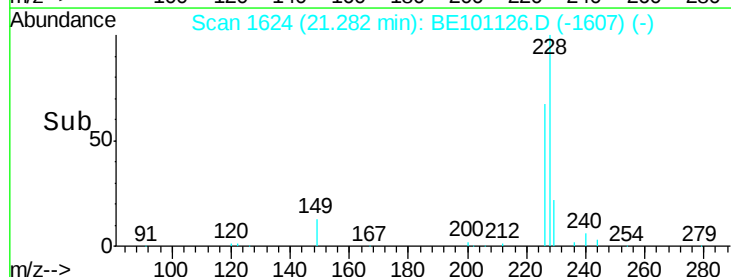
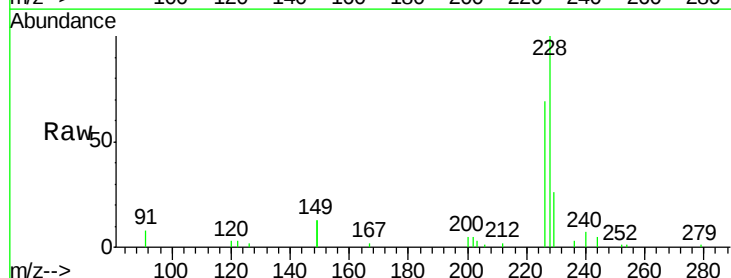
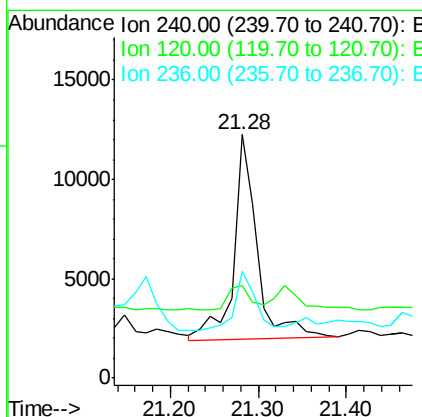
Manual Integrations  
APPROVED

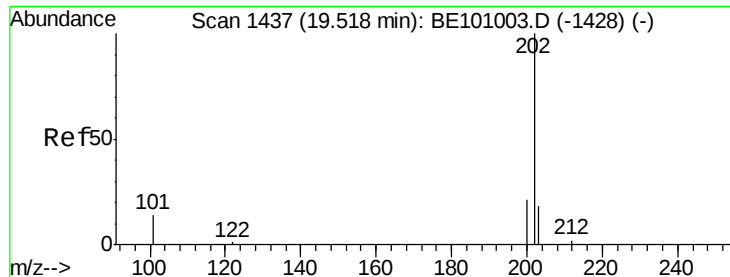
mohammad  
1/23/2020 1:54:02 PM



#27  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.28 min Scan# 1624  
Delta R.T. -0.00 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Tgt Ion:240 Resp: 18967  
Ion Ratio Lower Upper  
240 100  
120 38.0 8.6 13.0#  
236 43.8 22.2 33.4#





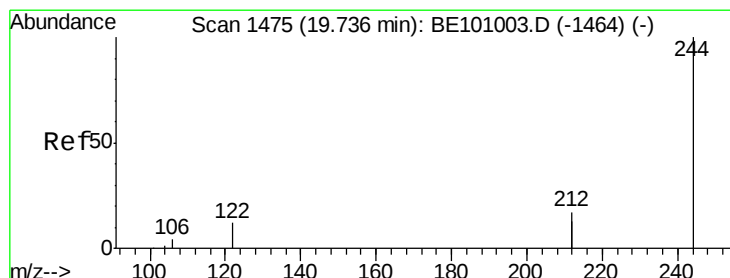
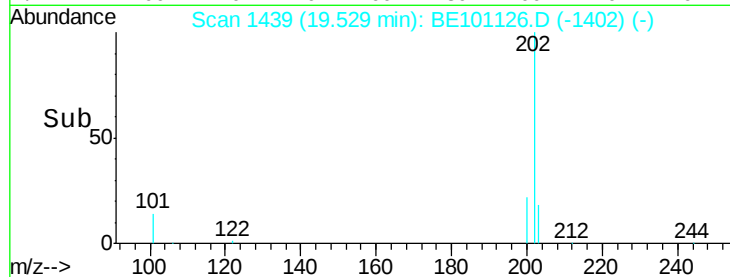
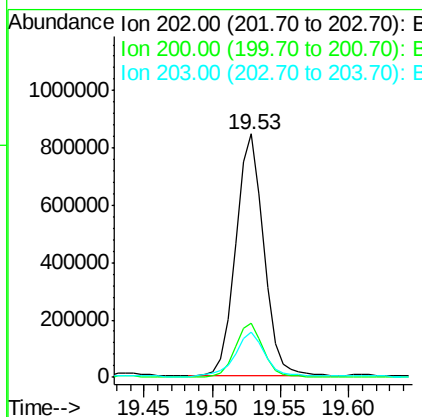
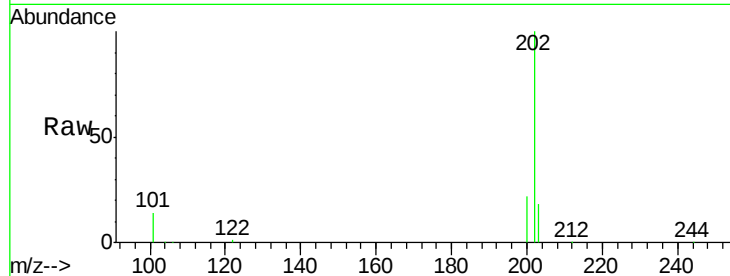
#28  
Pvrene  
Concen: 17.053 ng  
RT: 19.53 min Scan# 1439  
Delta R.T. 0.01 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.0  | 17.0  | 25.4  |
| 203     | 19.3  | 13.8  | 20.6  |

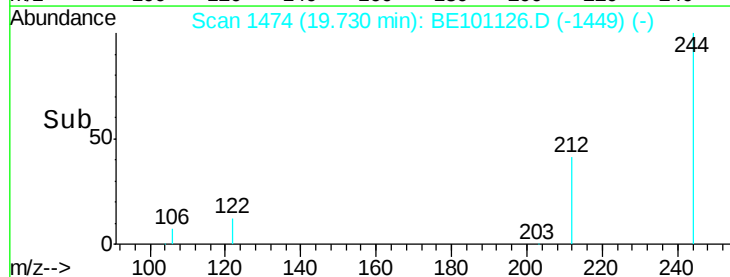
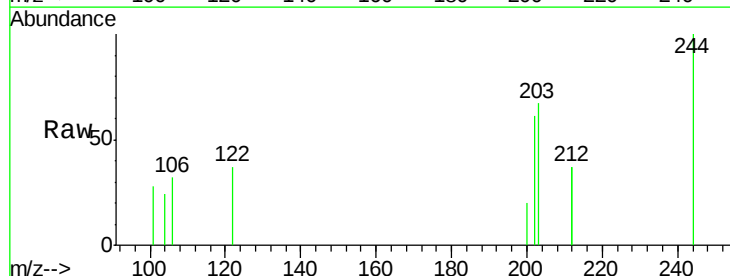
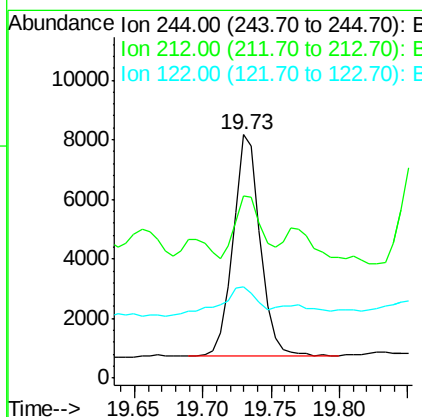
Manual Integrations  
APPROVED

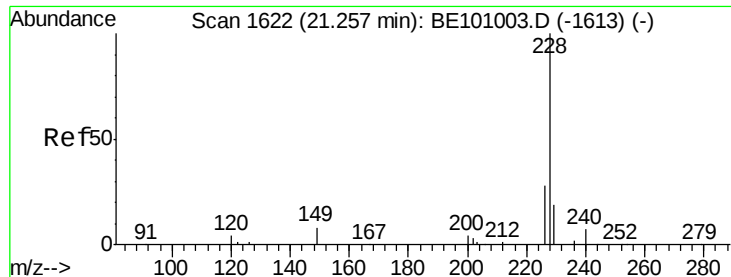
mohammad  
1/23/2020 1:54:02 PM



#29  
Terphenyl-d14  
Concen: 0.221 ng  
RT: 19.73 min Scan# 1474  
Delta R.T. -0.01 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 75.0  | 27.2  | 40.8# |
| 122     | 37.4  | 9.8   | 14.8# |





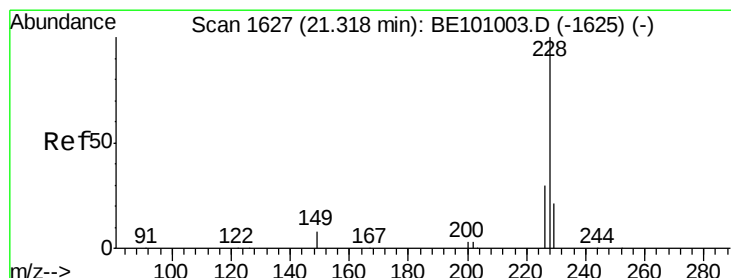
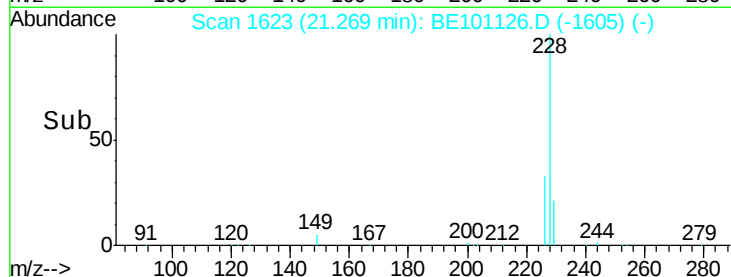
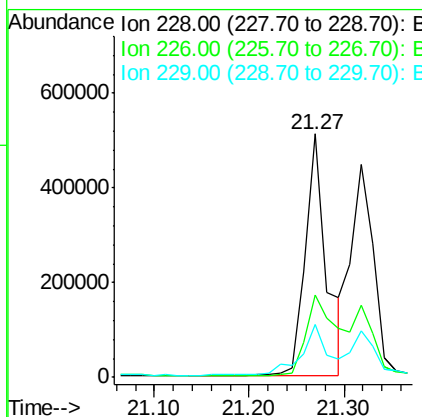
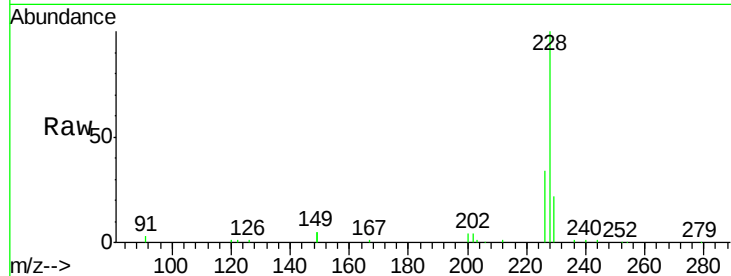
#30  
Benzo(a)anthracene  
Concen: 14.814 ng  
RT: 21.27 min Scan# 1623  
Delta R.T. 0.01 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 228     | 100  |       |       |       |
| 226     | 33.7 | 22.7  | 34.1  |       |
| 229     | 21.7 | 15.5  | 23.3  |       |

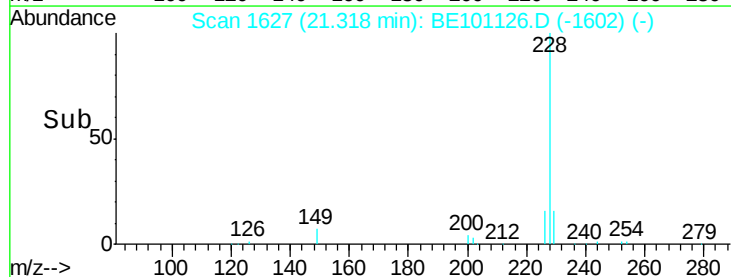
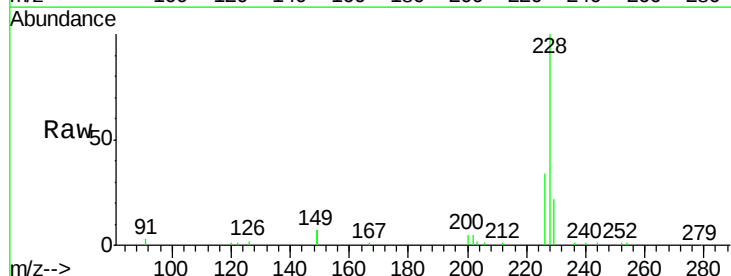
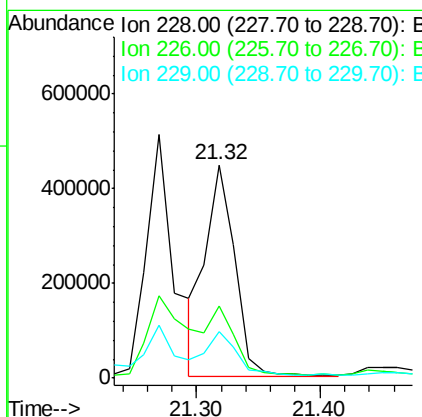
Manual Integrations  
APPROVED

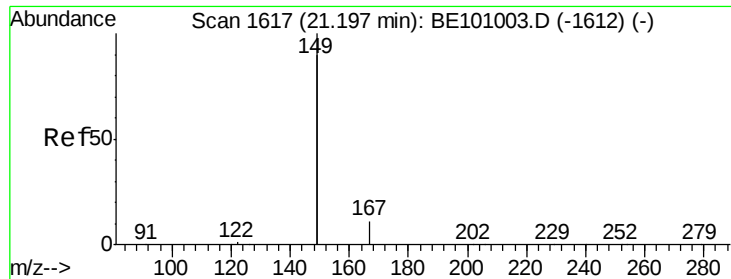
mohammad  
1/23/2020 1:54:02 PM



#31  
Chrysene  
Concen: 9.268 ng  
RT: 21.32 min Scan# 1627  
Delta R.T. -0.00 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 228     | 100  |       |       |       |
| 226     | 33.8 | 23.5  | 35.3  |       |
| 229     | 21.8 | 16.7  | 25.1  |       |





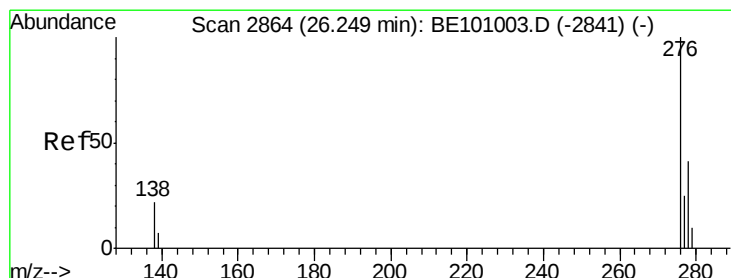
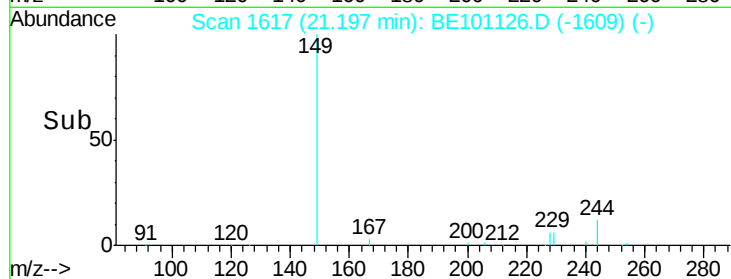
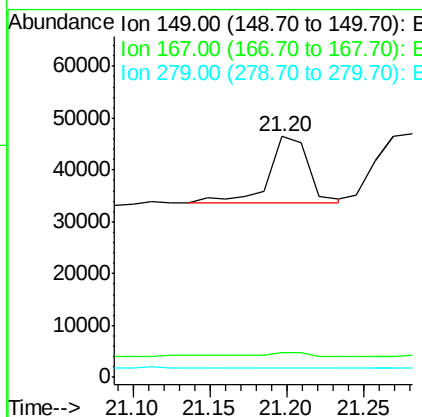
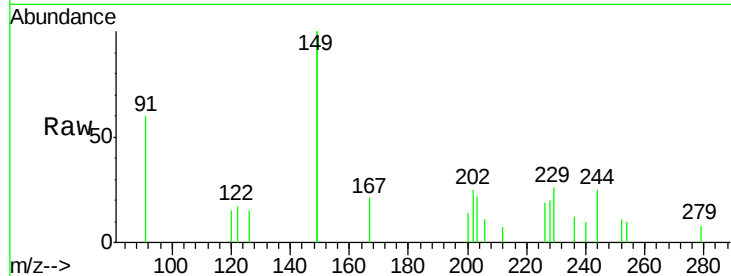
#32  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.257 ng  
 RT: 21.20 min Scan# 1617  
 Delta R.T. -0.00 min  
 Lab File: BE101126.D  
 Acq: 22 Jan 2020 22:12

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 8.0   | 5.2   | 7.8#  |
| 279     | 2.1   | 0.8   | 1.2#  |

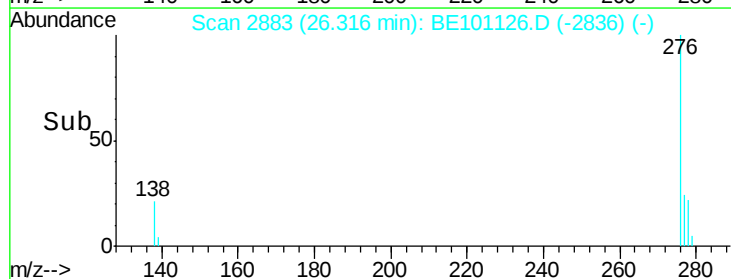
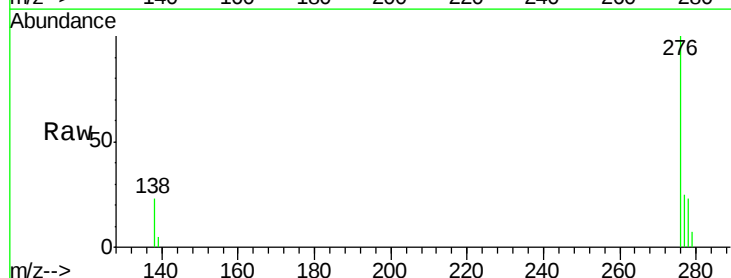
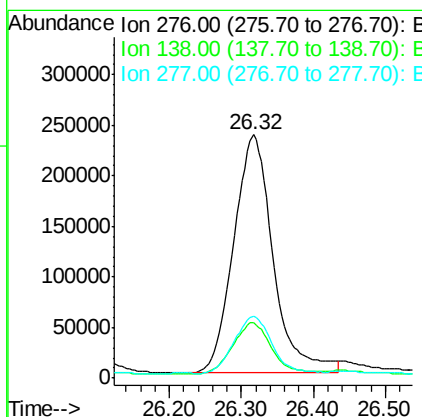
Manual Integrations  
 APPROVED

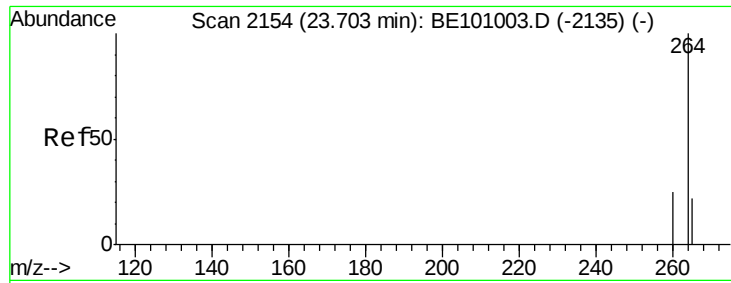
mohammad  
 1/23/2020 1:54:02 PM



#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 13.729 ng  
 RT: 26.32 min Scan# 2883  
 Delta R.T. 0.07 min  
 Lab File: BE101126.D  
 Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.6  | 16.1  | 24.1  |
| 277     | 22.8  | 18.1  | 27.1  |





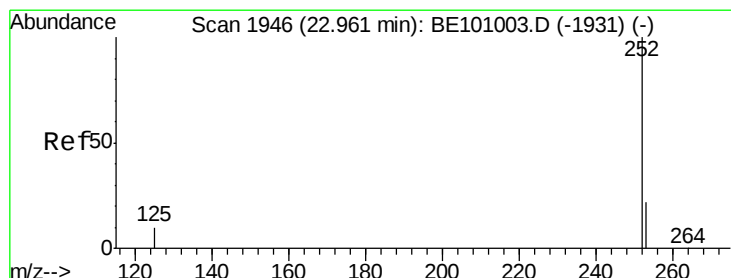
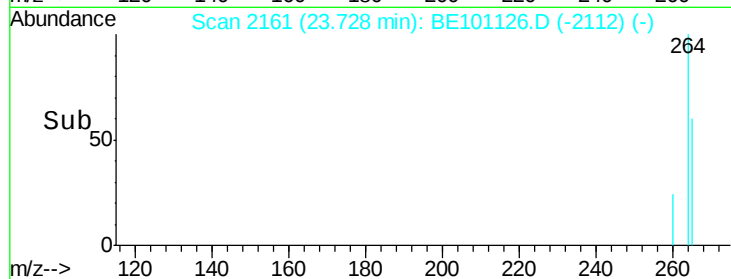
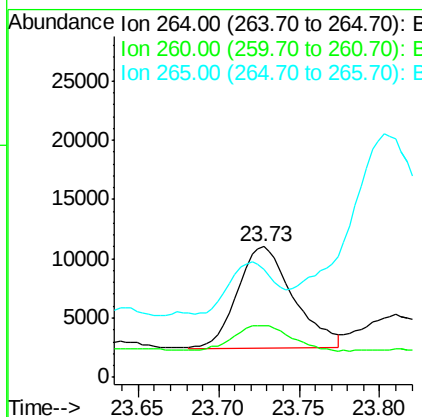
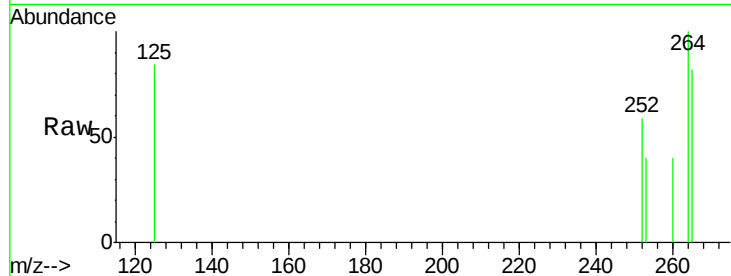
#34  
Pervlene-d12  
Concen: 0.400 ng  
RT: 23.73 min Scan# 2161  
Delta R.T. 0.03 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 39.8  | 20.3  | 30.5# |
| 265     | 82.1  | 27.0  | 40.4# |

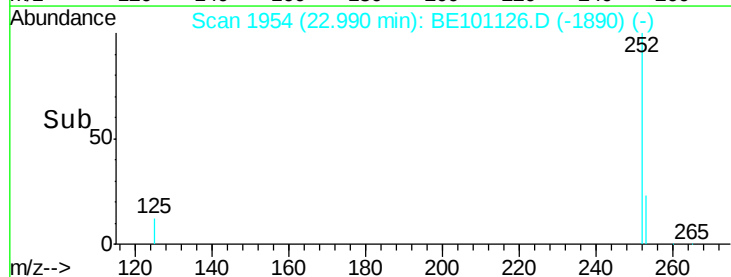
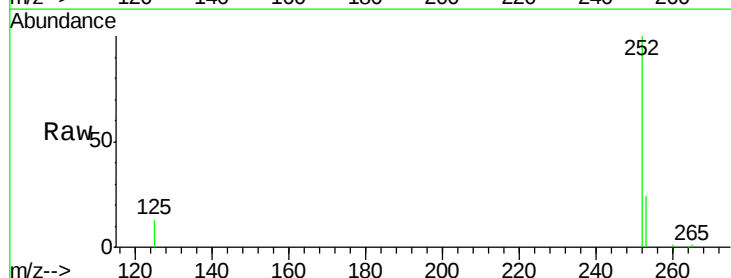
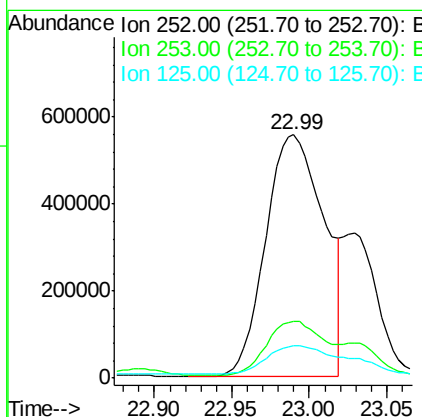
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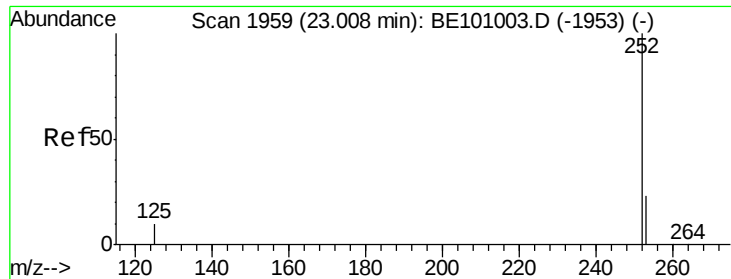
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#35  
Benzo(b)fluoranthene  
Concen: 24.814 ng  
RT: 22.99 min Scan# 1954  
Delta R.T. 0.03 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 18.5  | 27.7  |
| 125     | 13.2  | 9.5   | 14.3  |





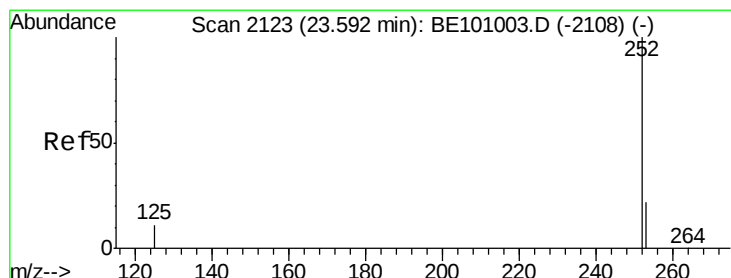
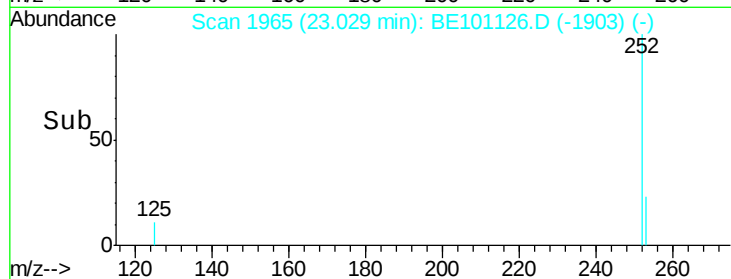
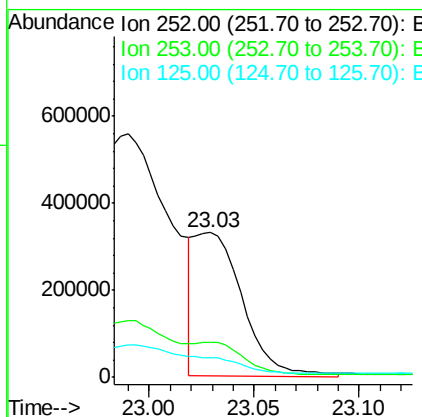
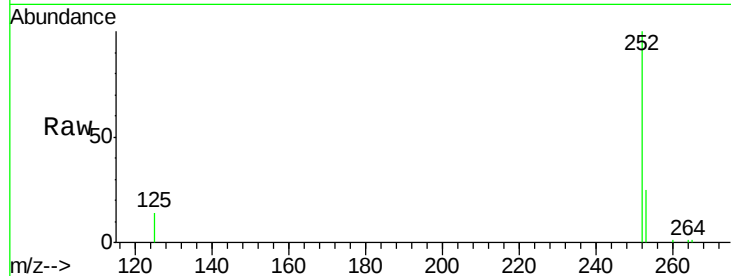
#36  
Benzo(k)fluoranthene  
Concen: 6.223 ng m  
RT: 23.03 min Scan# 1965  
Delta R.T. 0.02 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 24.6  | 18.9  | 28.3  |
| 125     | 13.6  | 10.1  | 15.1  |

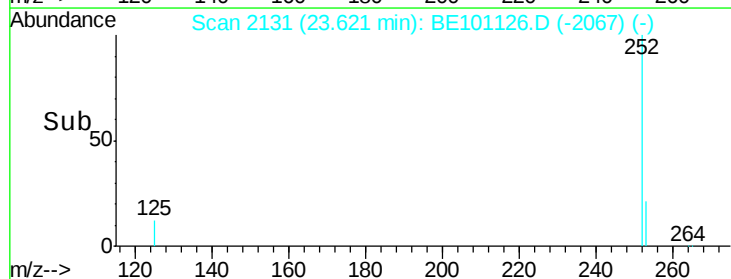
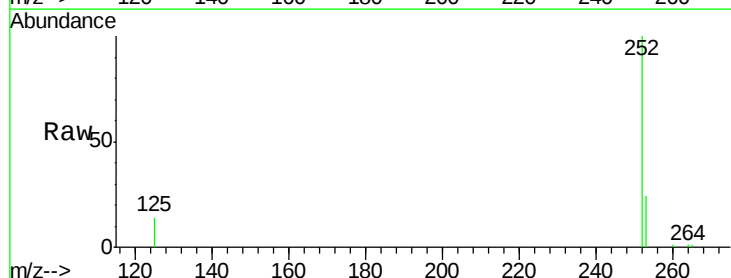
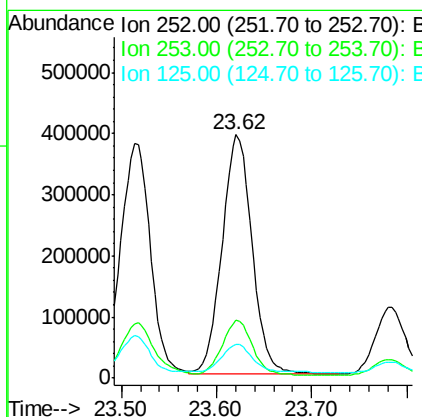
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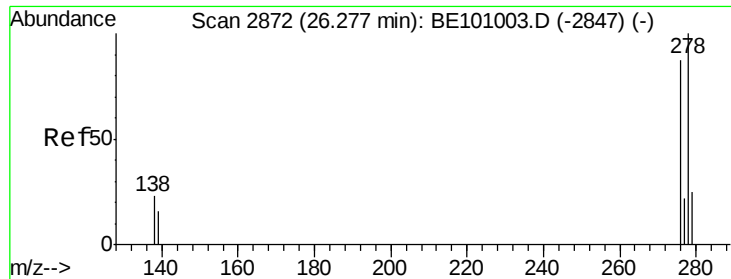
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#37  
Benzo(a)pyrene  
Concen: 15.162 ng  
RT: 23.62 min Scan# 2131  
Delta R.T. 0.03 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.7  | 19.4  | 29.2  |
| 125     | 13.9  | 11.8  | 17.6  |





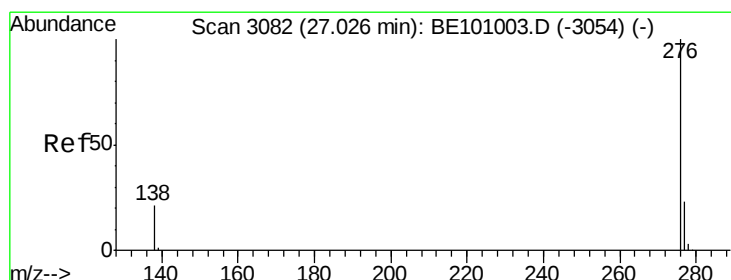
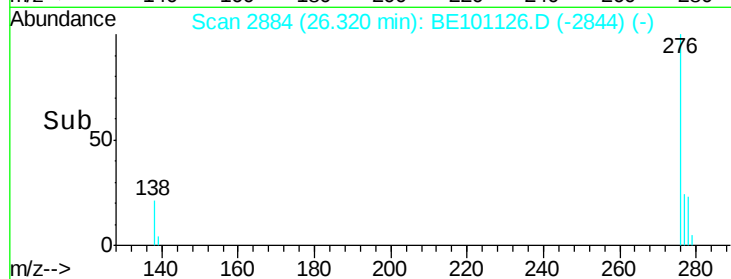
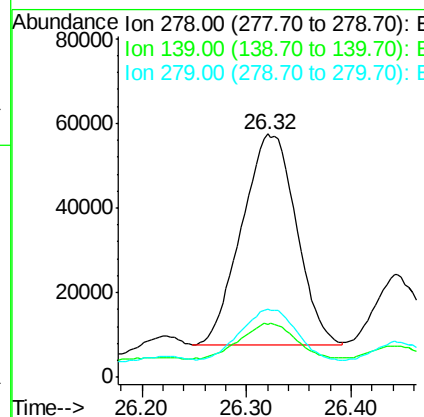
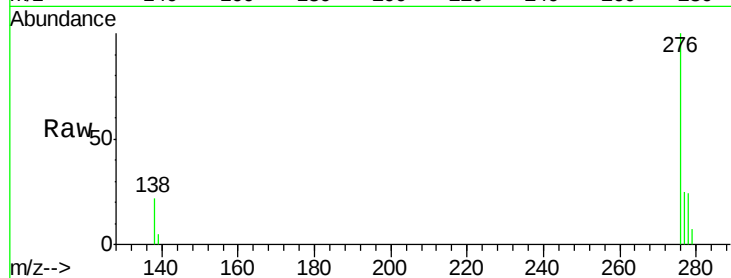
#38  
Dibenzo(a,h)anthracene  
Concen: 3.469 ng  
RT: 26.32 min Scan# 2884  
Delta R.T. 0.04 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

Instrument :  
BNA\_E  
ClientSampleId :  
SB-49-(0.5-2)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.9  | 15.0  | 22.4  |
| 279     | 28.2  | 22.6  | 33.8  |

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#39  
Benzo(g,h,i)perylene  
Concen: 13.103 ng  
RT: 27.12 min Scan# 3107  
Delta R.T. 0.09 min  
Lab File: BE101126.D  
Acq: 22 Jan 2020 22:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.8  | 19.4  | 29.2  |
| 138     | 23.2  | 17.9  | 26.9  |

