

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\  
 Data File : BF121491.D  
 Acq On : 31 Aug 2020 22:05  
 Operator : JU/CG  
 Sample : L3847-03 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LINDEN-JOP-BH-08-B

Manual Integrations  
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 9/2/2020 1:56:31 PM

Quant Time: Sep 01 09:46:46 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 28 09:25:49 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.86  | 152  | 304631   | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.15  | 136  | 1117621  | 20.00   | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.90  | 164  | 527137   | 20.00   | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.39 | 188  | 855498   | 20.00   | ng    | 0.00     |
| 76) Chrysene-d12            | 14.04 | 240  | 607011   | 20.00   | ng    | 0.01     |
| 86) Perylene-d12            | 15.52 | 264  | 628513   | 20.00   | ng    | 0.02     |
| System Monitoring Compounds |       |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 170225   | 9.38    | ng    | 0.00     |
| 7) Phenol-d6                | 6.48  | 99   | 223451   | 8.81    | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 134062   | 8.20    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 47658    | 8.95    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 284585   | 8.71    | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.97 | 244  | 222768   | 7.73    | ng    | 0.00     |
| Target Compounds            |       |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 8.17  | 128  | 140790   | 2.537   | ng    | 98       |
| 37) 2-Methylnaphthalene     | 8.86  | 142  | 138446   | 3.766   | ng    | 99       |
| 38) 1-Methylnaphthalene     | 8.96  | 142  | 202168   | 5.824   | ng    | 99       |
| 49) Acenaphthylene          | 9.76  | 152  | 201193   | 4.102   | ng    | # 94     |
| 52) Acenaphthene            | 9.93  | 154  | 329027   | 10.625  | ng    | 96       |
| 58) Fluorene                | 10.45 | 166  | 359254   | 10.594  | ng    | 99       |
| 71) Phenanthrene            | 11.42 | 178  | 3408655  | 77.642  | ng    | 98       |
| 72) Anthracene              | 11.47 | 178  | 1016167  | 23.533  | ng    | 97       |
| 75) Fluoranthene            | 12.62 | 202  | 4586484  | 96.934  | ng    | 97       |
| 78) Pyrene                  | 12.85 | 202  | 6177205  | 142.491 | ng    | 93       |
| 81) Benzo(a)anthracene      | 14.03 | 228  | 3037196  | 81.965  | ng    | 94       |
| 83) Chrysene                | 14.07 | 228  | 3188387  | 86.005  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene  | 17.00 | 276  | 1227184  | 31.734  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 15.09 | 252  | 2991827m | 73.177  | ng    |          |
| 89) Benzo(k)fluoranthene    | 15.12 | 252  | 757517m  | 19.920  | ng    |          |
| 90) Benzo(a)pyrene          | 15.46 | 252  | 2437634  | 66.306  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 17.00 | 278  | 353906   | 11.180  | ng    | 93       |
| 92) Benzo(g,h,i)perylene    | 17.44 | 276  | 1265638  | 41.505  | ng    | 97       |

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

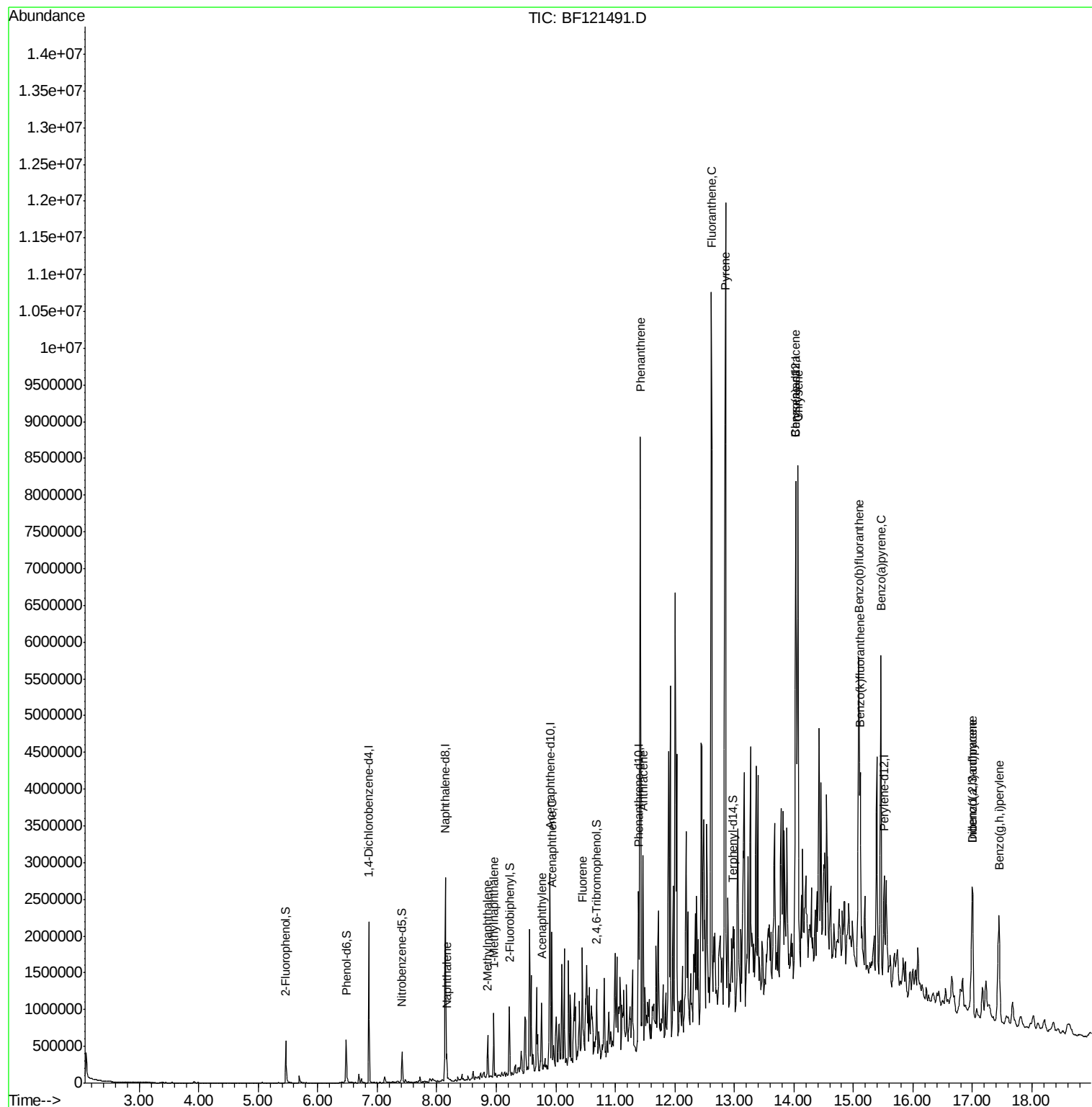
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\  
Data File : BF121491.D  
Acq On : 31 Aug 2020 22:05  
Operator : JU/CG  
Sample : L3847-03 5X  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

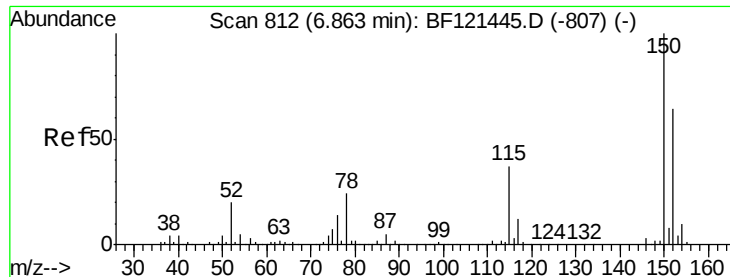
Instrument :  
BNA\_F  
ClientSampleId :  
LINDEN-JOP-BH-08-B

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Quant Time: Sep 01 09:46:46 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 28 09:25:49 2020  
Response via : Initial Calibration





#1

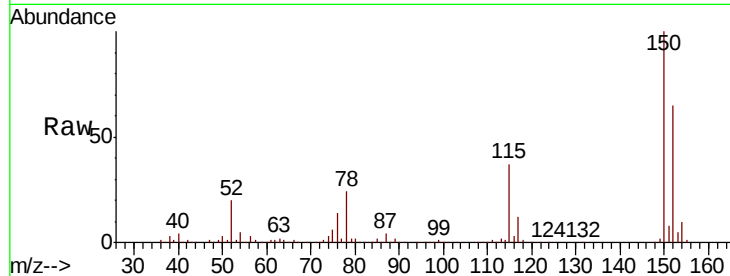
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.86 min Scan# 812  
Delta R.T. -0.00 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

Instrument :  
BNA\_F  
ClientSampleId :  
LINDEN-JOP-BH-08-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.7 | 125.8 | 188.6 |
| 115     | 57.7  | 46.6  | 69.8  |

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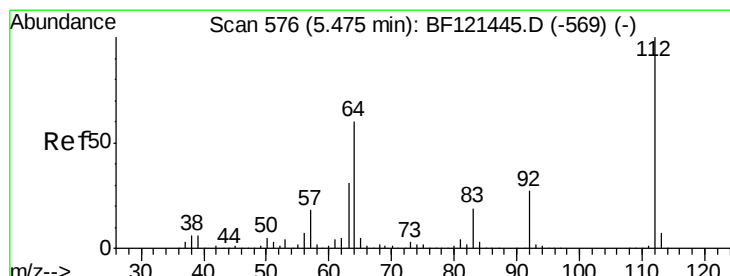
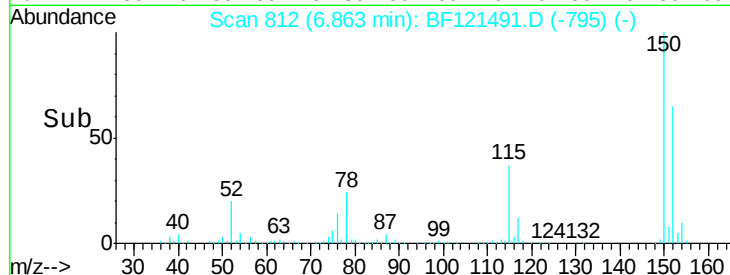
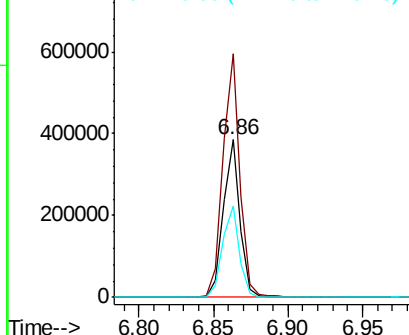


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

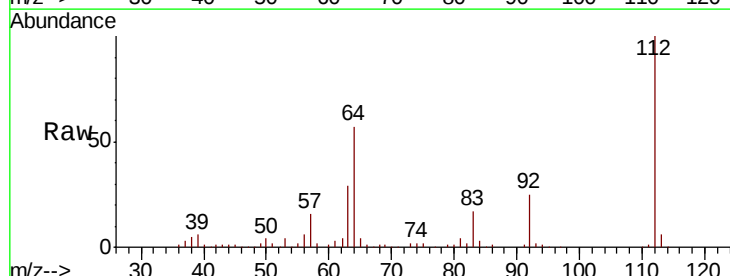
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 9.375 ng  
RT: 5.47 min Scan# 575  
Delta R.T. -0.01 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 56.7  | 48.2  | 72.2  |
| 63      | 29.0  | 24.8  | 37.2  |

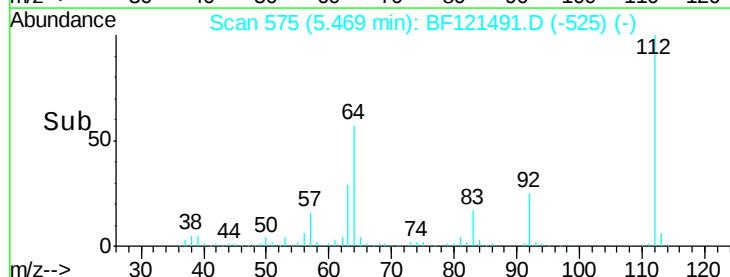
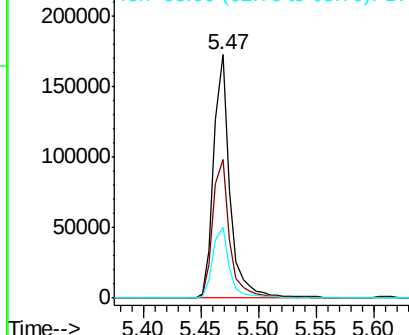


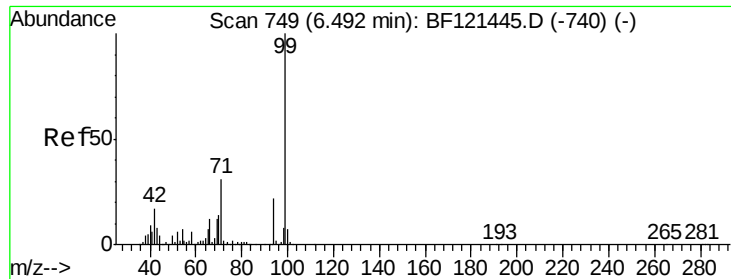
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 8.806 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA\_F

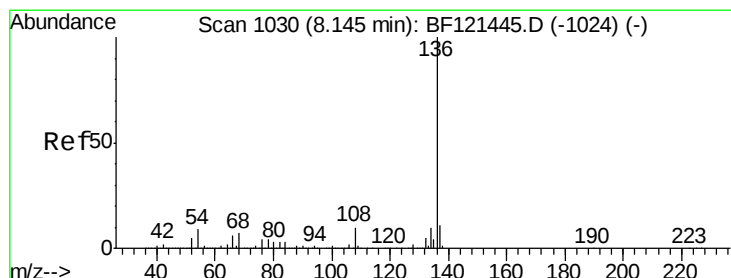
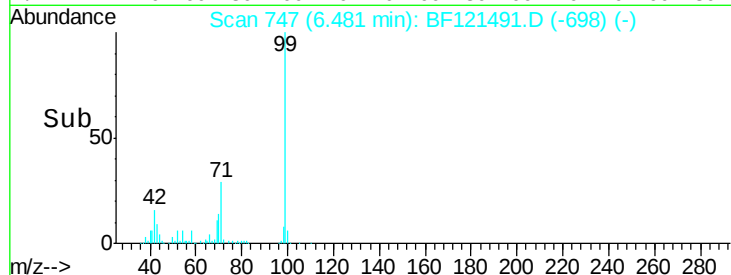
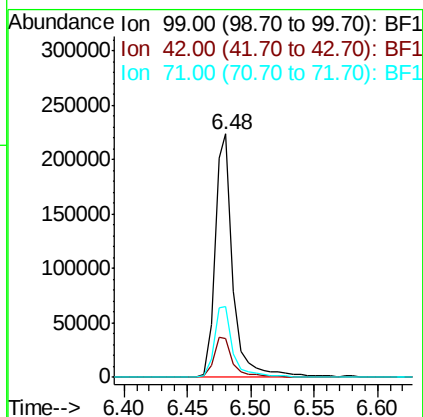
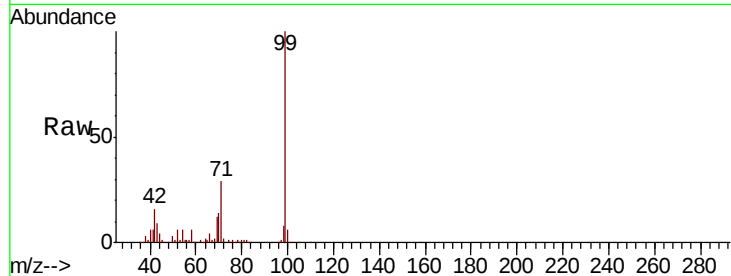
ClientSampleId :

LINDEN-JOP-BH-08-B

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 223451 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.1  | 13.5  | 20.3   |
| 71        | 29.3  | 24.6  | 37.0   |

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#21

Naphthalene-d8

Concen: 20.000 ng

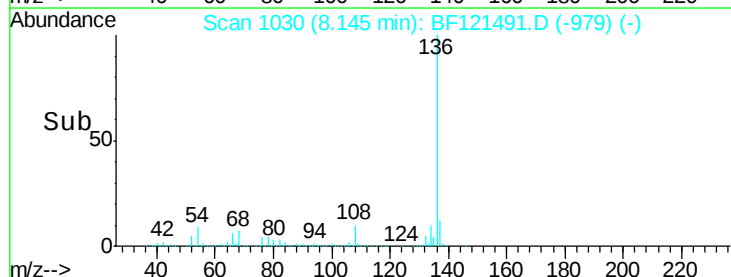
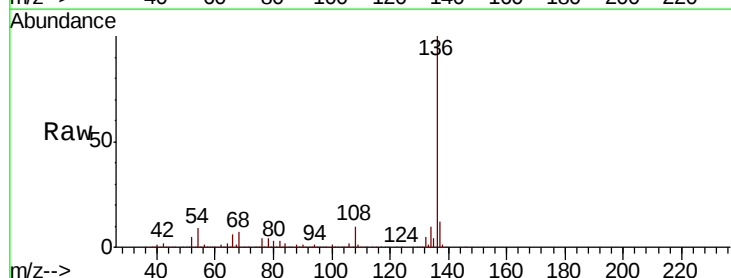
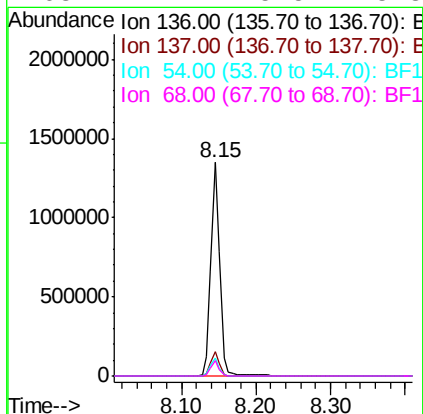
RT: 8.15 min Scan# 1030

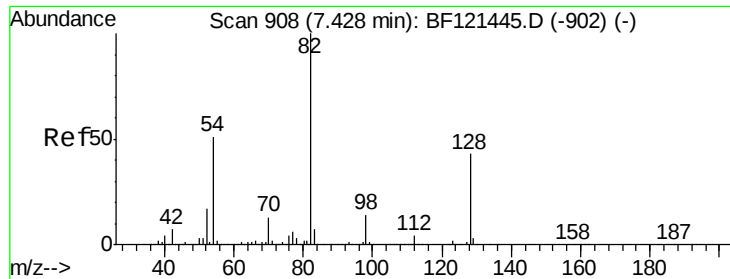
Delta R.T. -0.00 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 136   | Resp: | 1117621 |
| Ion Ratio | Lower | Upper |         |
| 136       | 100   |       |         |
| 137       | 11.5  | 9.1   | 13.7    |
| 54        | 8.5   | 7.0   | 10.4    |
| 68        | 7.1   | 5.5   | 8.3     |





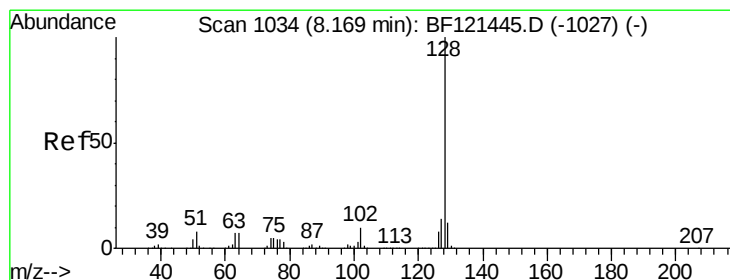
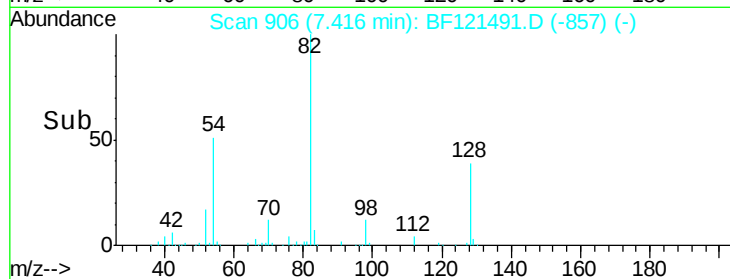
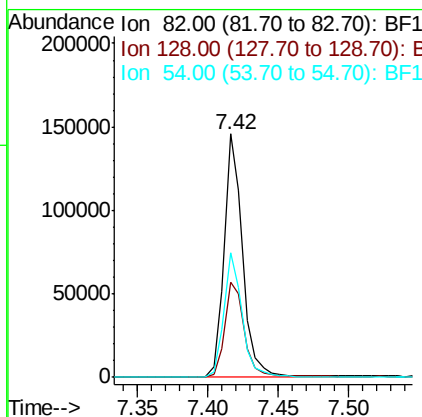
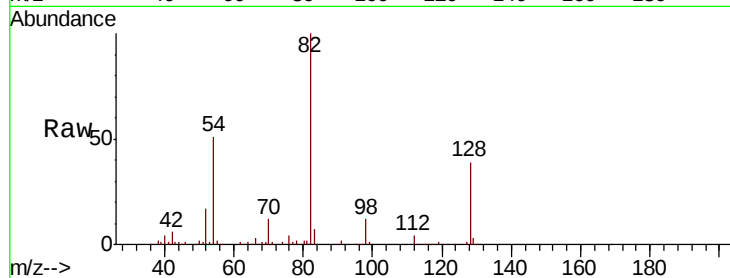
#23  
Nitrobenzene-d5  
Concen: 8.201 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

Instrument :  
BNA\_F  
ClientSampleId :  
LINDEN-JOP-BH-08-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.3  | 34.1  | 51.1  |
| 54      | 51.1  | 41.0  | 61.6  |

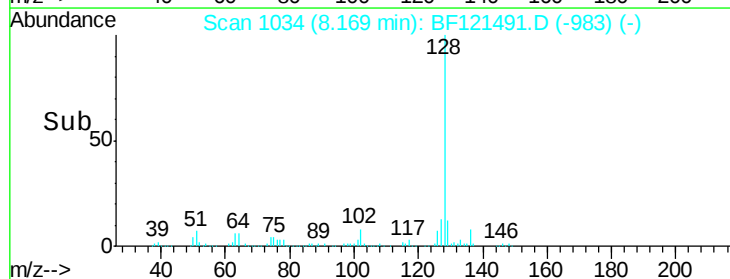
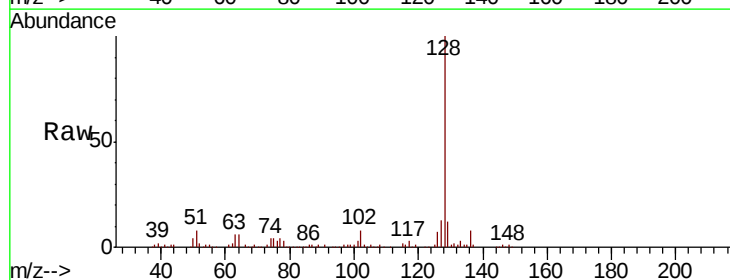
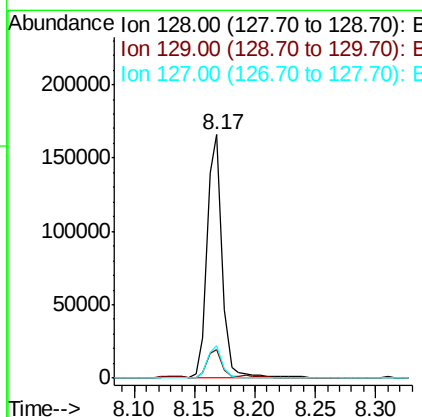
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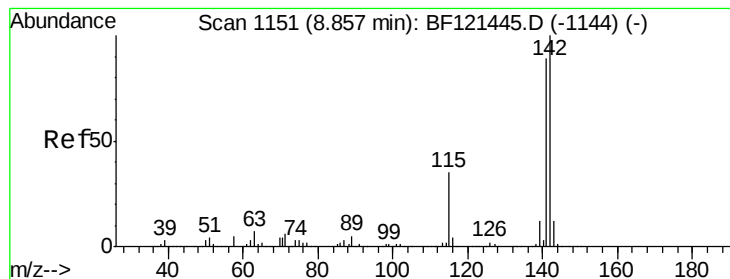
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#31  
Naphthalene  
Concen: 2.537 ng  
RT: 8.17 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 9.6   | 14.4  |
| 127     | 13.2  | 11.4  | 17.2  |





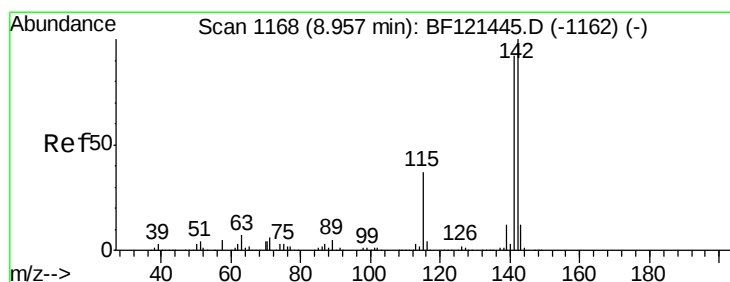
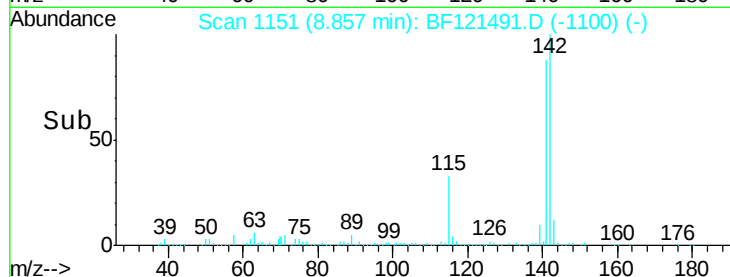
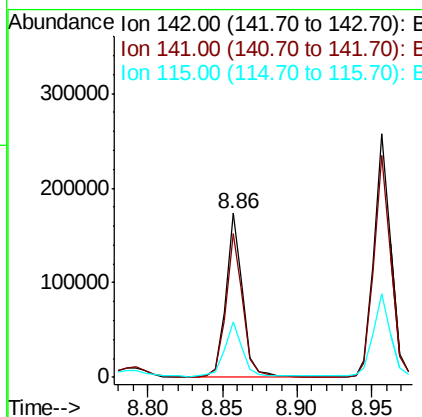
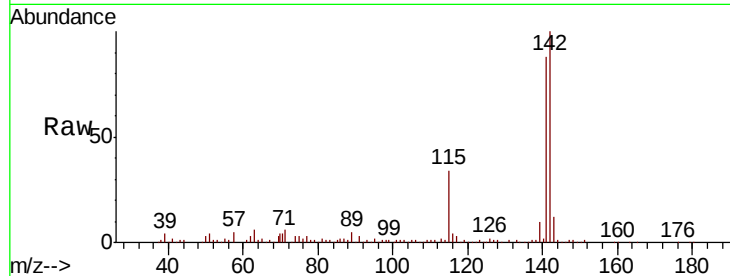
#37  
2-Methylnaphthalene  
Concen: 3.766 ng  
RT: 8.86 min Scan# 1151  
Delta R.T. -0.00 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

Instrument :  
BNA\_F  
ClientSampleId :  
LINDEN-JOP-BH-08-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.1  | 70.8  | 106.2 |
| 115     | 33.9  | 28.2  | 42.4  |

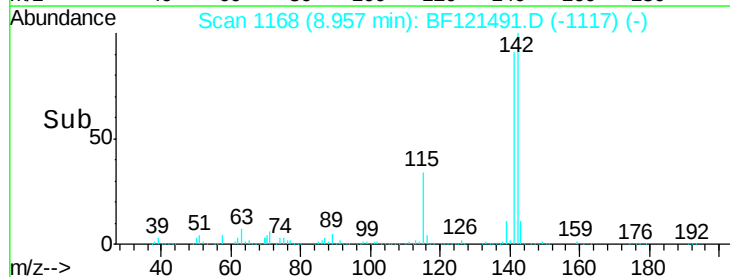
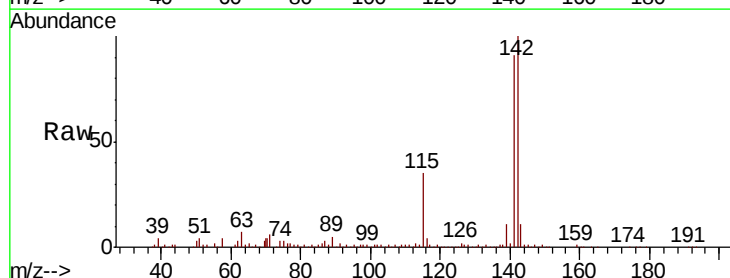
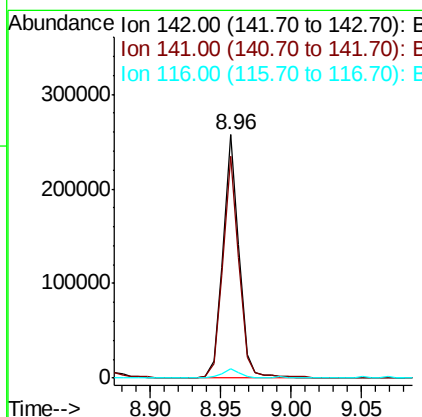
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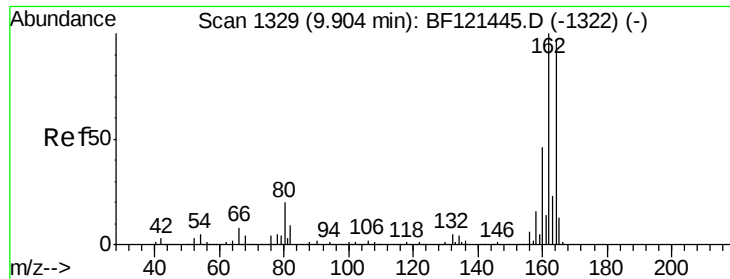
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#38  
1-Methylnaphthalene  
Concen: 5.824 ng  
RT: 8.96 min Scan# 1168  
Delta R.T. -0.00 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.2  | 73.7  | 110.5 |
| 116     | 4.0   | 3.1   | 4.7   |





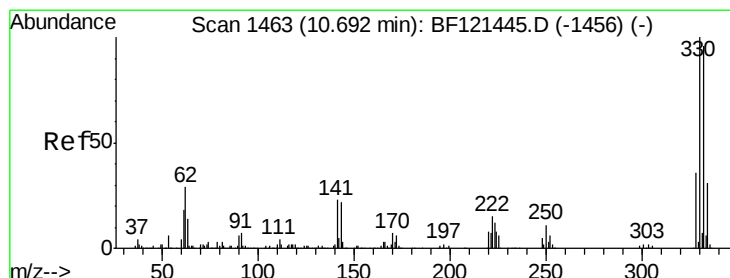
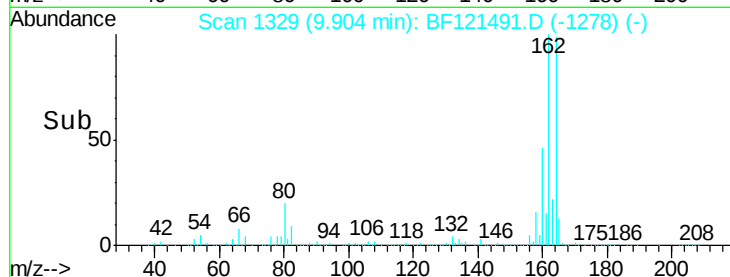
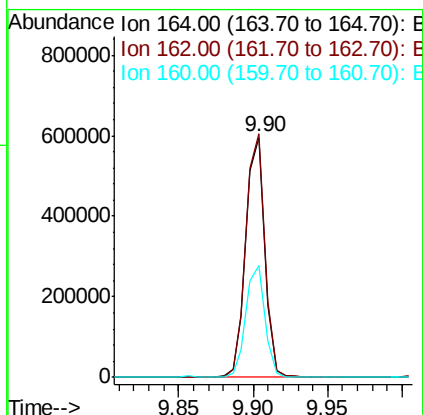
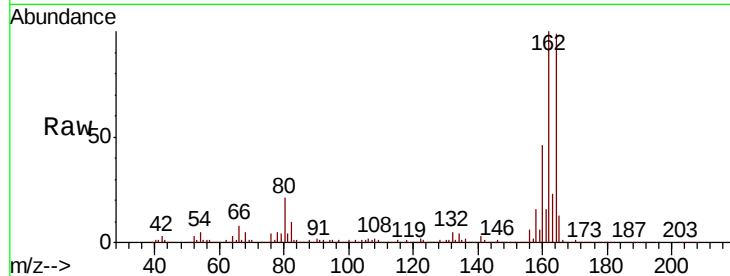
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 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.90 min Scan# 1329  
 Delta R.T. -0.00 min  
 Lab File: BF121491.D  
 Acq: 31 Aug 2020 22:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LINDEN-JOP-BH-08-B

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 101.3 | 82.4 | 123.6 |       |
| 160     | 46.7  | 37.6 | 56.4  |       |

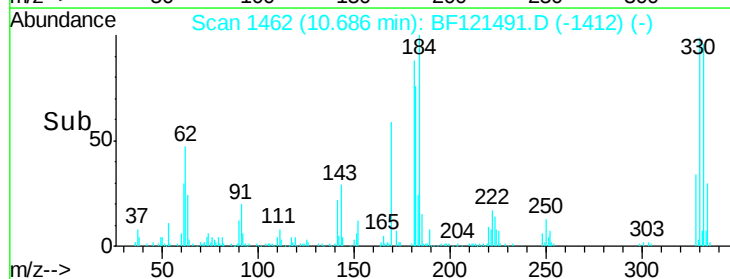
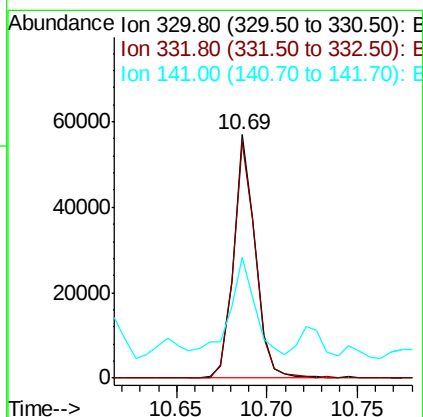
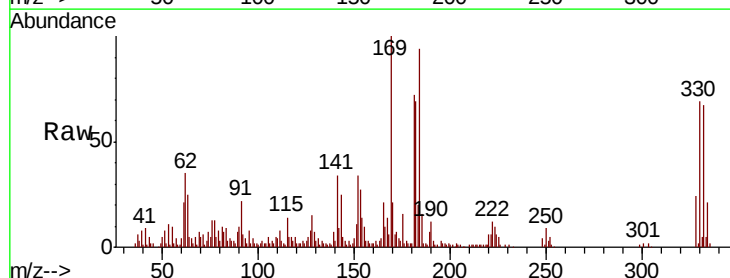
Manual Integrations  
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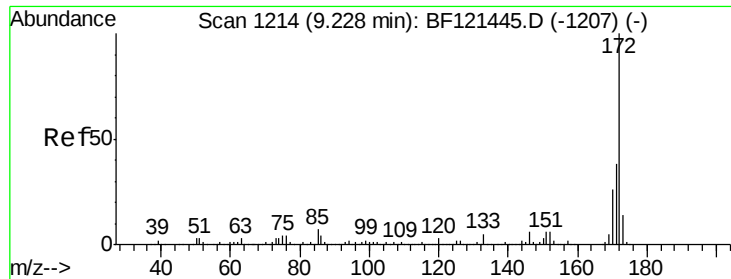
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#42  
 2,4,6-Tribromophenol  
 Concen: 8.951 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: BF121491.D  
 Acq: 31 Aug 2020 22:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 97.8  | 76.2 | 114.2 |       |
| 141     | 45.0  | 24.6 | 36.8  |       |





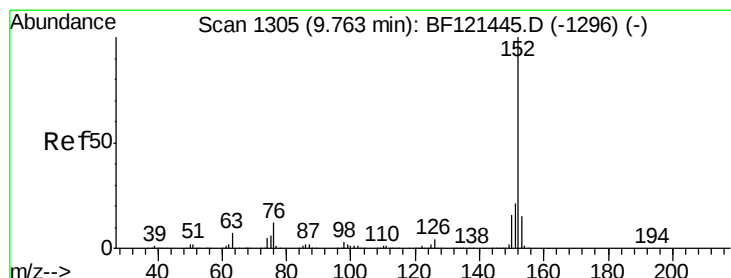
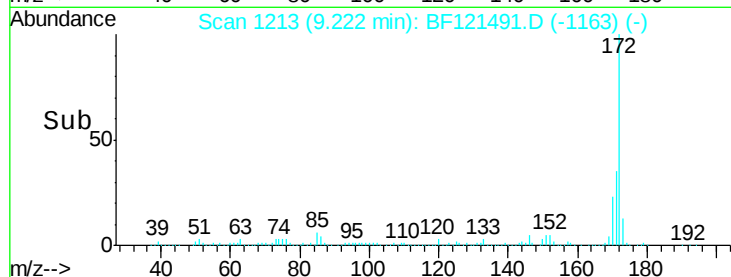
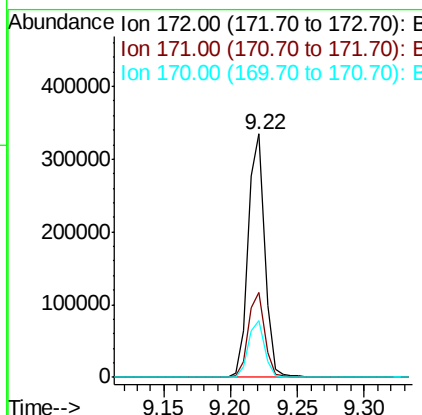
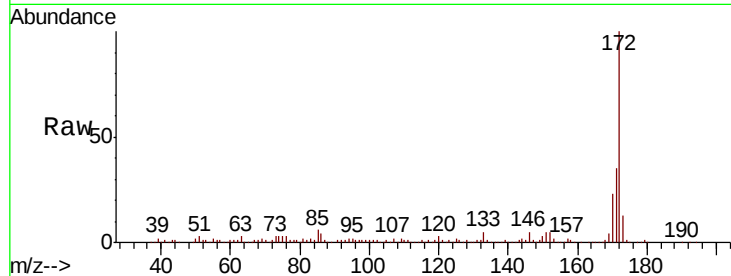
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2-Fluorobiphenyl  
Concen: 8.711 ng  
RT: 9.22 min Scan# 1213  
Delta R.T. -0.01 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

Instrument :  
BNA\_F  
ClientSampleId :  
LINDEN-JOP-BH-08-B

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 172   | Resp: | 284585 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 34.7  | 30.6  | 45.8   |
| 170       | 23.2  | 20.6  | 31.0   |

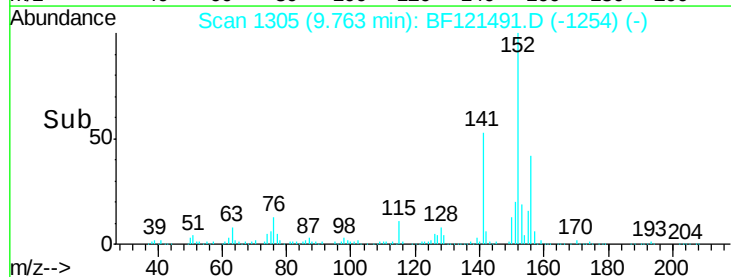
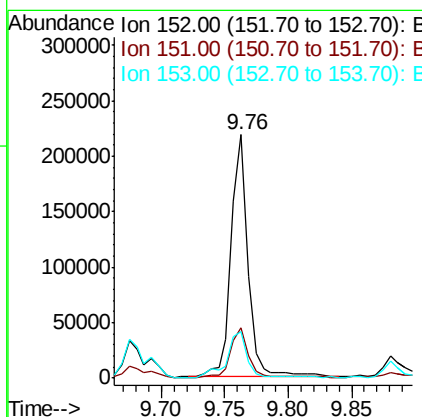
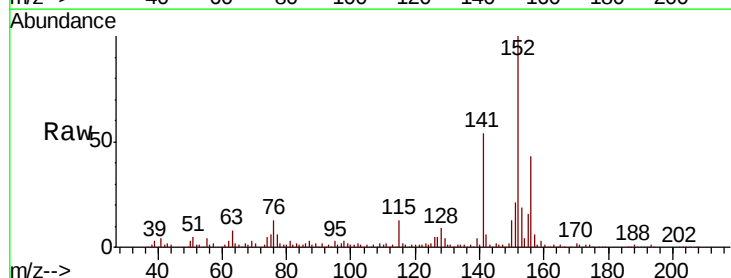
Manual Integrations  
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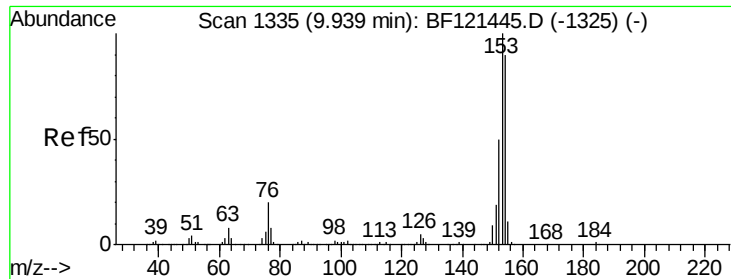
mohammad  
9/2/2020 1:56:31 PM



#49  
Acenaphthylene  
Concen: 4.102 ng  
RT: 9.76 min Scan# 1305  
Delta R.T. -0.00 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 201193 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.5  | 17.2  | 25.8   |
| 153       | 19.2  | 11.6  | 17.4#  |





#52

Acenaphthene

Concen: 10.625 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA\_F

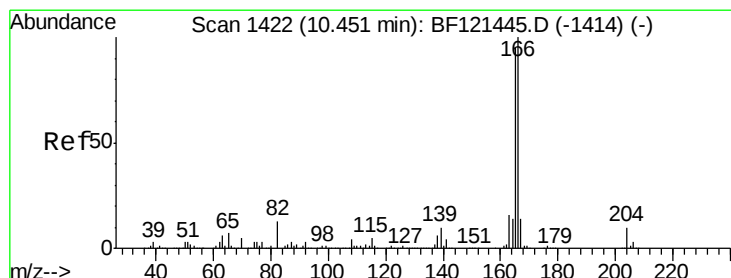
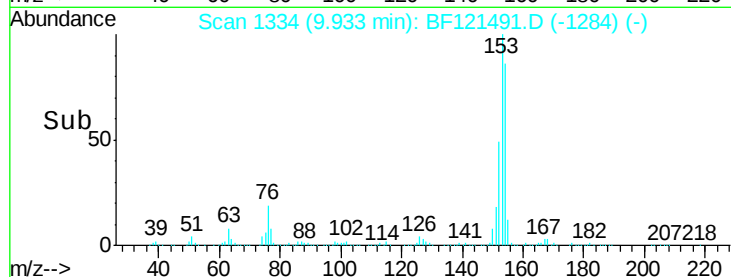
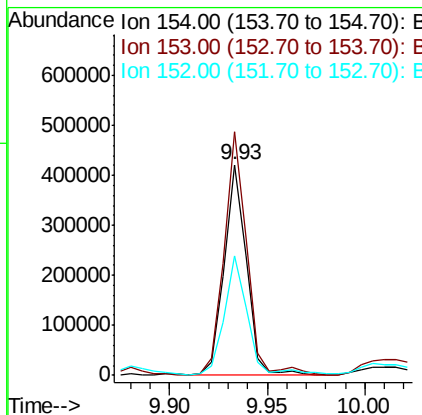
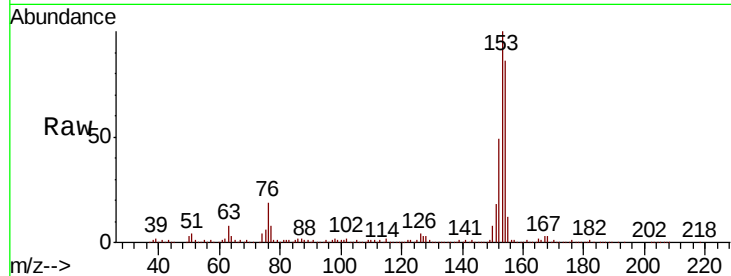
ClientSampleId :

LINDEN-JOP-BH-08-B

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 329027 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.7 | 88.9  | 133.3  |
| 152       | 56.5  | 44.1  | 66.1   |

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#58

Fluorene

Concen: 10.594 ng

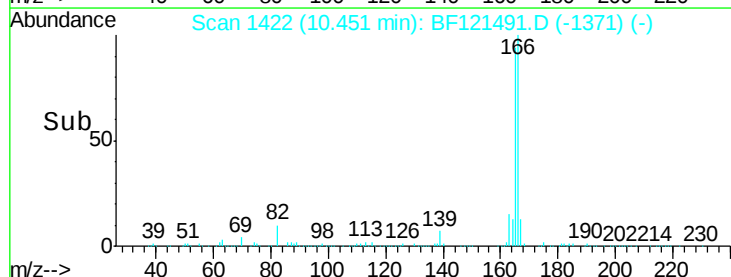
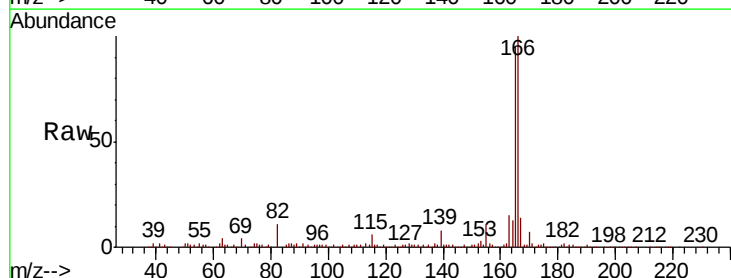
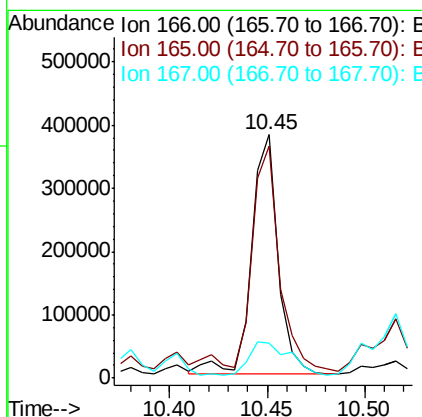
RT: 10.45 min Scan# 1422

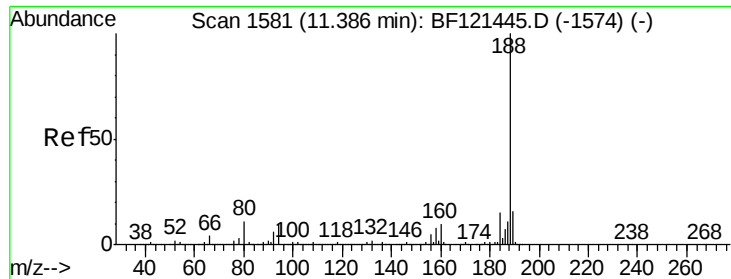
Delta R.T. -0.00 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 359254 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 95.3  | 75.7  | 113.5  |
| 167       | 14.4  | 11.1  | 16.7   |





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA\_F

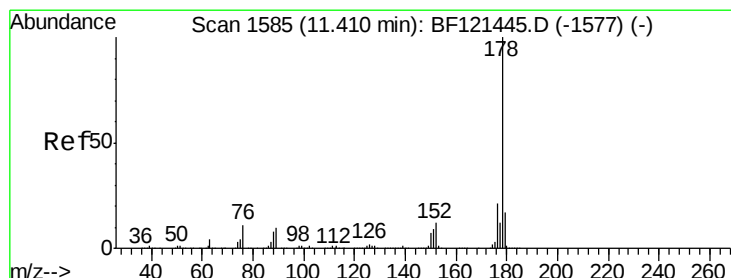
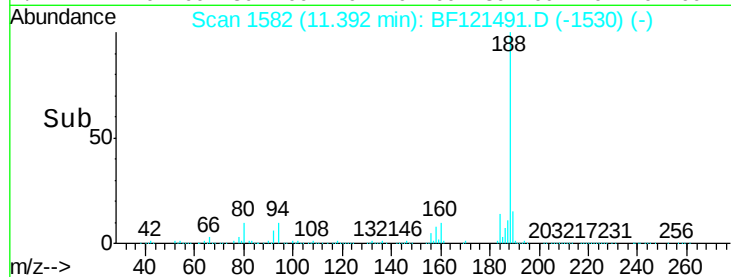
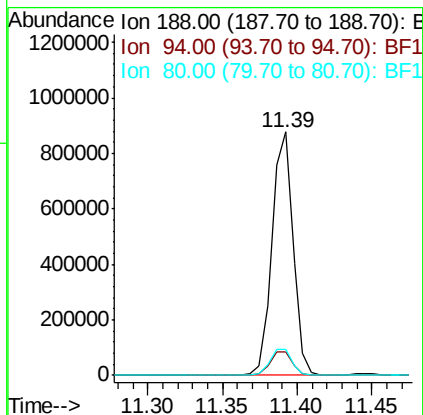
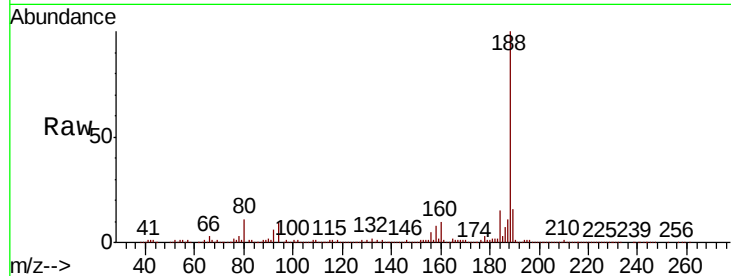
ClientSampleId :

LINDEN-JOP-BH-08-B

|             |       |        |
|-------------|-------|--------|
| Tot Ion:188 | Resp: | 855498 |
| Ion Ratio   | Lower | Upper  |
| 188 100     |       |        |
| 94 9.8      | 8.3   | 12.5   |
| 80 10.5     | 8.6   | 13.0   |

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#71

Phenanthrene

Concen: 77.642 ng

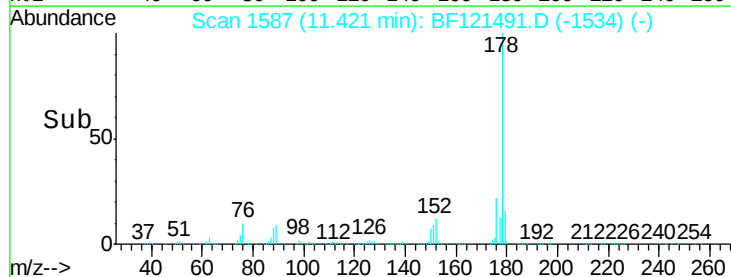
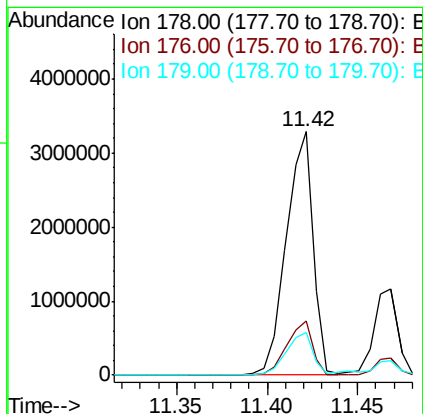
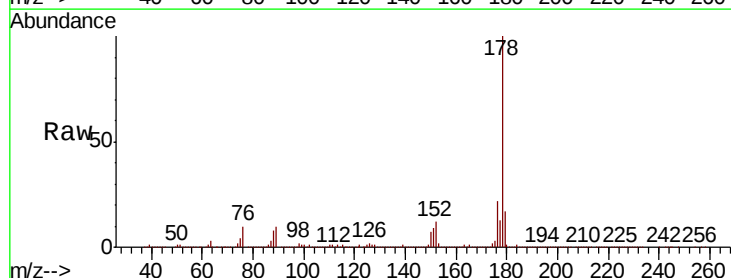
RT: 11.42 min Scan# 1587

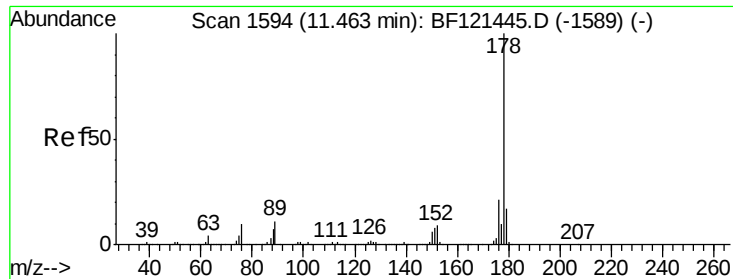
Delta R.T. 0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

|             |       |         |
|-------------|-------|---------|
| Tgt Ion:178 | Resp: | 3408655 |
| Ion Ratio   | Lower | Upper   |
| 178 100     |       |         |
| 176 22.3    | 16.9  | 25.3    |
| 179 17.4    | 13.4  | 20.0    |





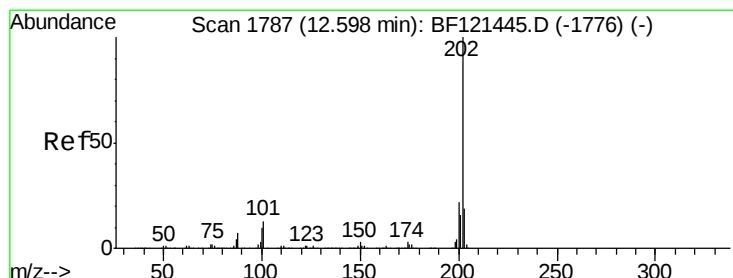
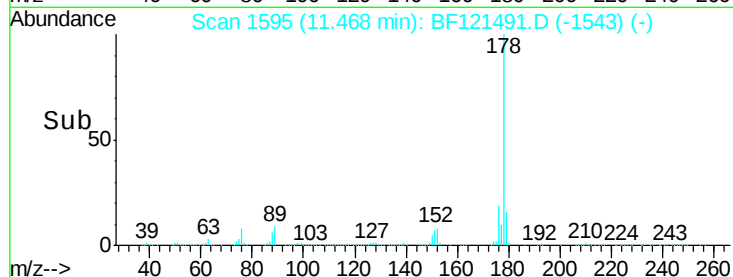
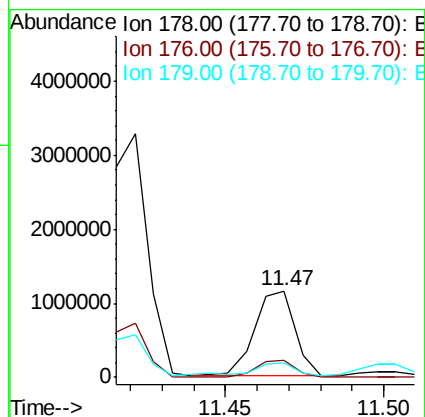
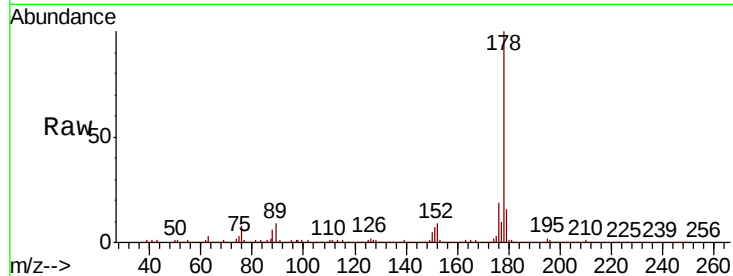
#72  
 Anthracene  
 Concen: 23.533 ng  
 RT: 11.47 min Scan# 1595  
 Delta R.T. 0.01 min  
 Lab File: BF121491.D  
 Acq: 31 Aug 2020 22:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LINDEN-JOP-BH-08-B

Tot Ion:178 Resp: 1016167  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 16.7 25.1  
 179 16.1 13.4 20.2

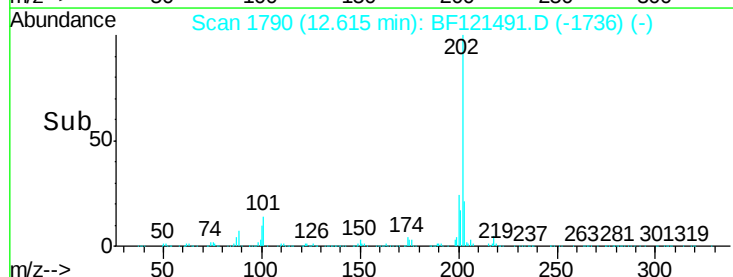
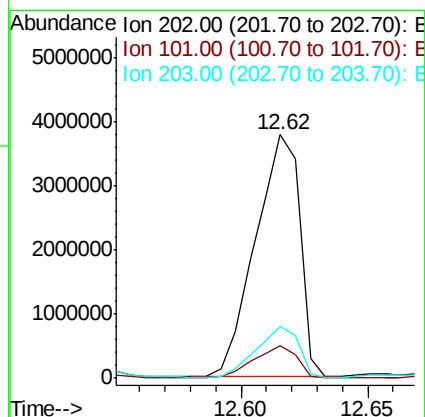
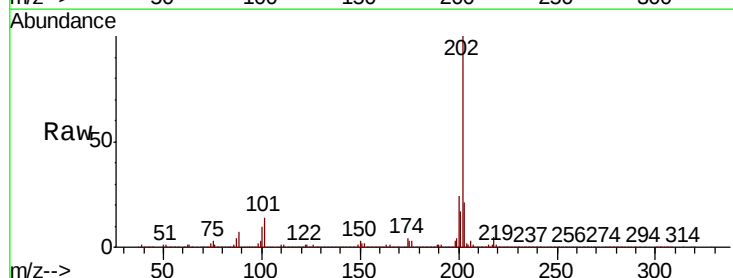
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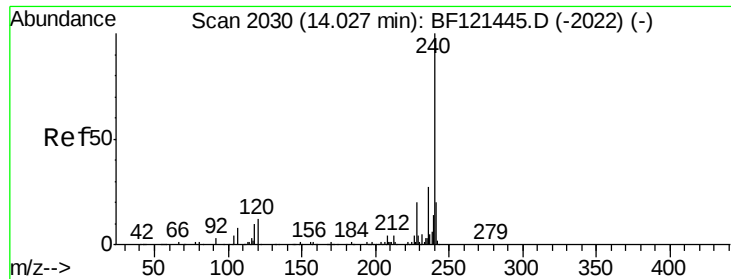
mohammad  
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#75  
 Fluoranthene  
 Concen: 96.934 ng  
 RT: 12.62 min Scan# 1790  
 Delta R.T. 0.02 min  
 Lab File: BF121491.D  
 Acq: 31 Aug 2020 22:05

Tgt Ion:202 Resp: 4586484  
 Ion Ratio Lower Upper  
 202 100  
 101 13.6 0.0 33.3  
 203 21.2 0.0 39.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA\_F

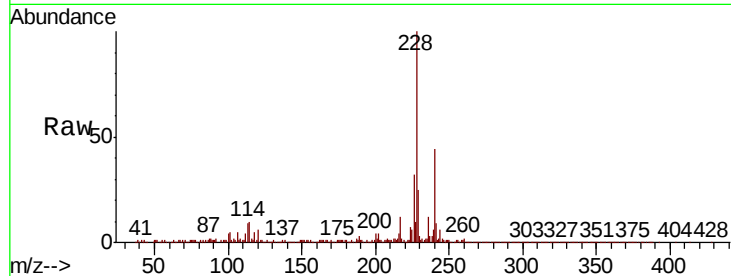
ClientSampleId :

LINDEN-JOP-BH-08-B

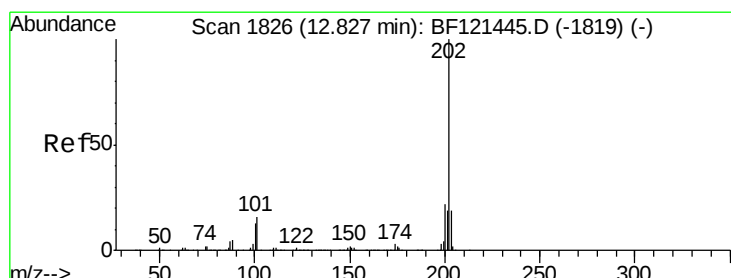
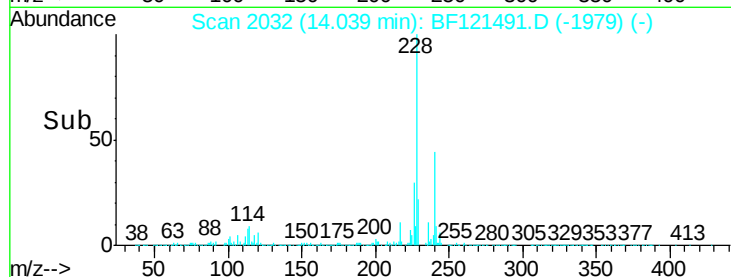
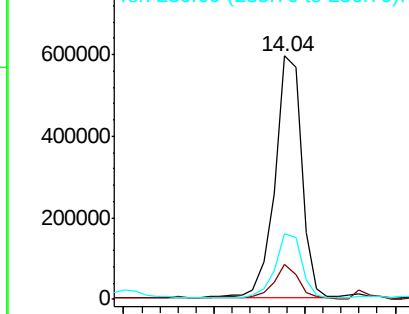
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 607011 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 14.4  | 9.5   | 14.3#  |
| 236       | 26.9  | 21.8  | 32.6   |

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Abundance Ion 240.00 (239.70 to 240.70): E  
800000 Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 142.491 ng

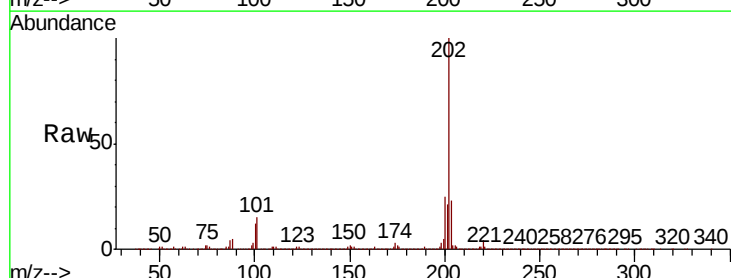
RT: 12.85 min Scan# 1830

Delta R.T. 0.02 min

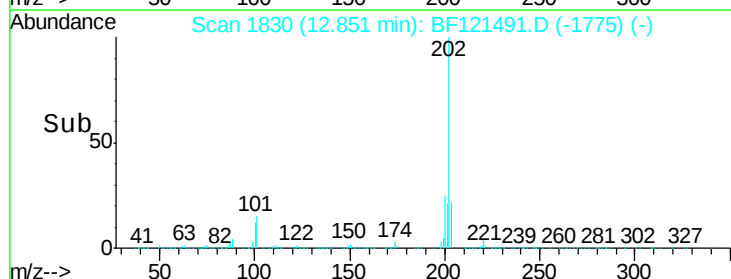
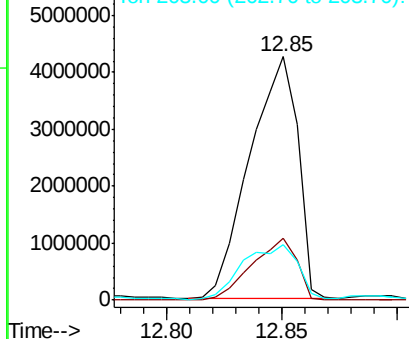
Lab File: BF121491.D

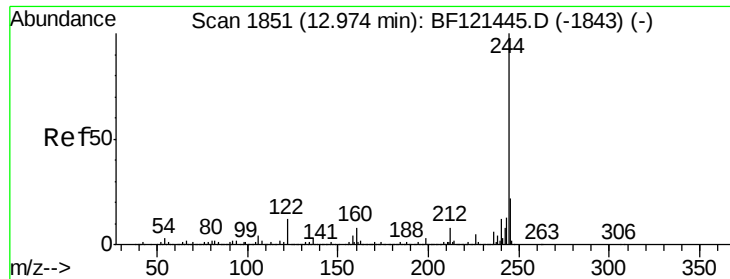
Acq: 31 Aug 2020 22:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 6177205 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 25.3  | 18.0  | 27.0    |
| 203       | 22.5  | 15.3  | 22.9    |



Abundance Ion 202.00 (201.70 to 202.70): E  
5000000 Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





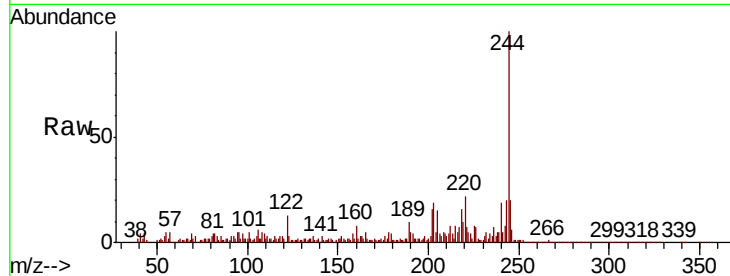
#79  
 Terphenyl-d14  
 Concen: 7.725 ng  
 RT: 12.97 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: BF121491.D  
 Acq: 31 Aug 2020 22:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LINDEN-JOP-BH-08-B

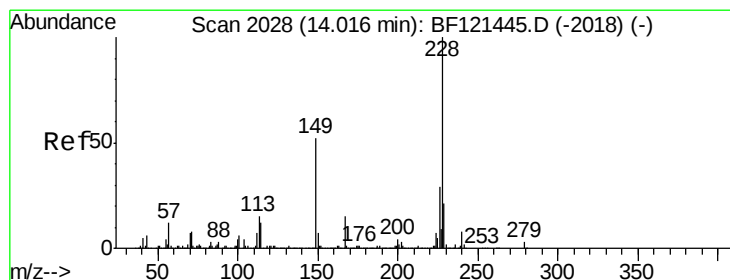
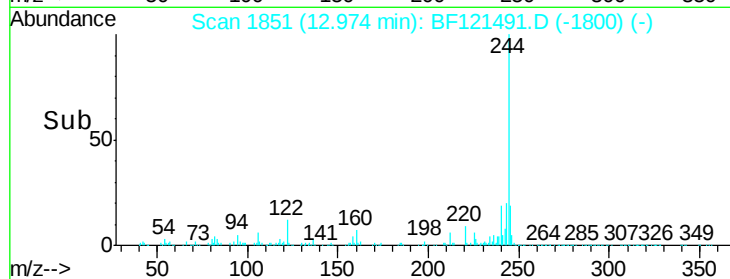
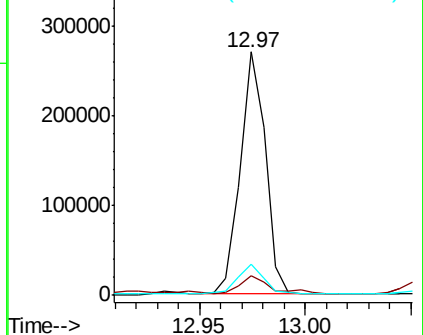
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.9   | 6.3   | 9.5   |
| 122     | 12.7  | 9.5   | 14.3  |

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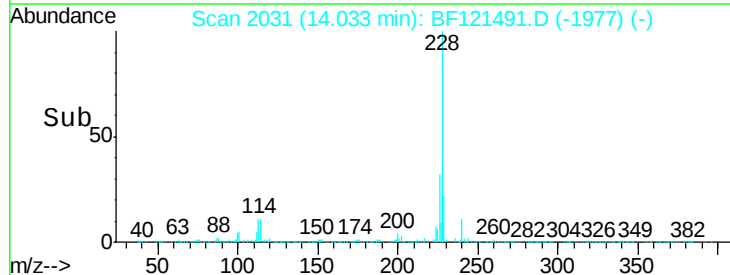
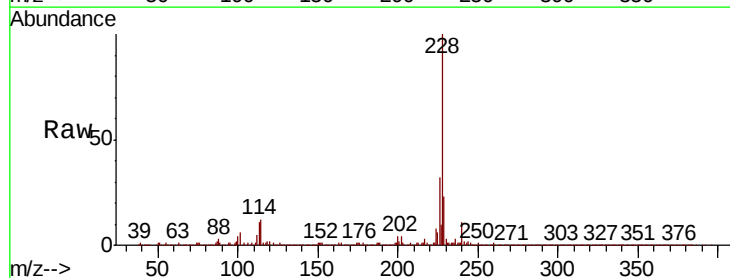
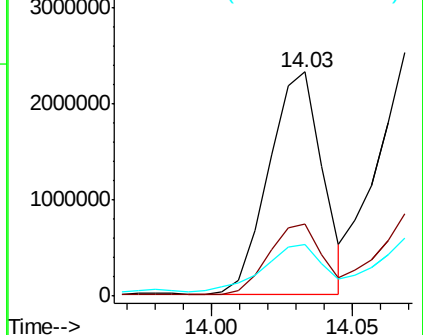
Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E

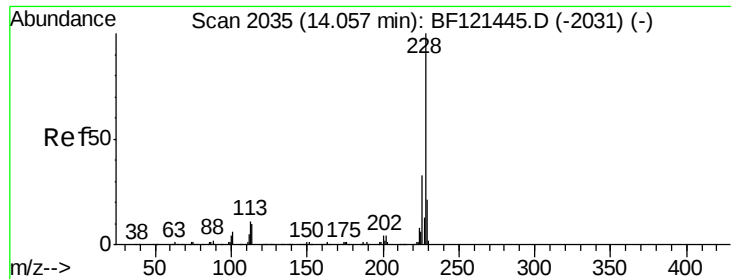


#81  
 Benzo(a)anthracene  
 Concen: 81.965 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. 0.02 min  
 Lab File: BF121491.D  
 Acq: 31 Aug 2020 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.3  | 23.0  | 34.4  |
| 229     | 23.3  | 16.6  | 24.8  |

Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





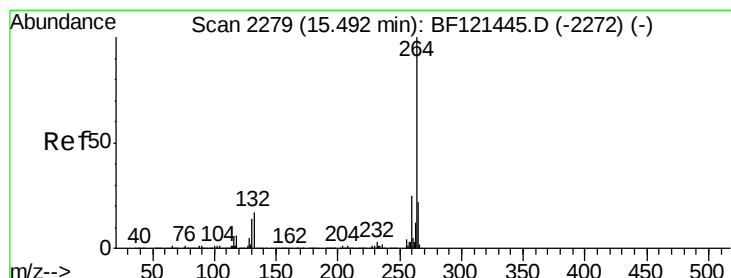
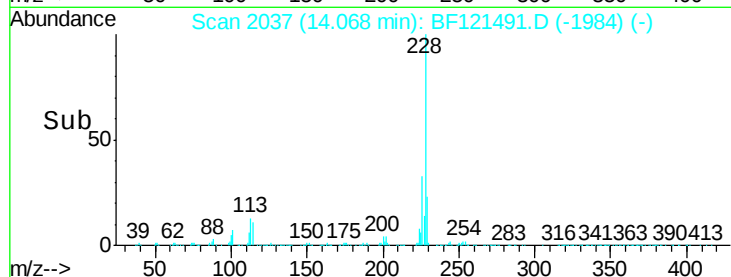
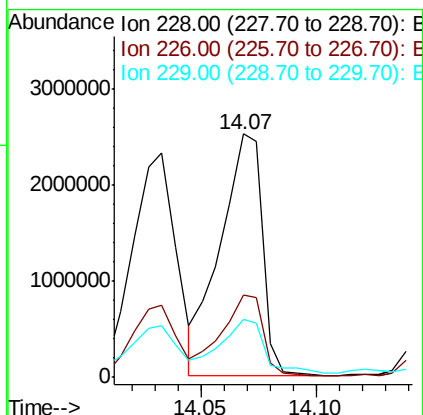
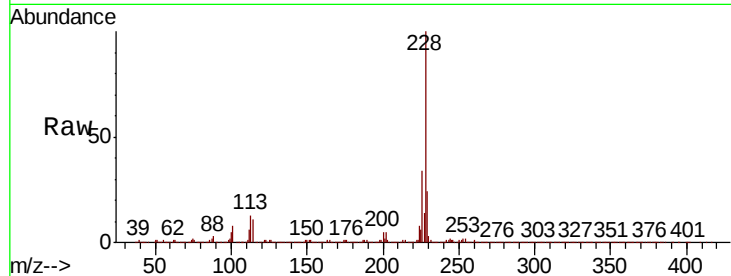
#83  
Chrysene  
Concen: 86.005 ng  
RT: 14.07 min Scan# 2037  
Delta R.T. 0.01 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

Instrument :  
BNA\_F  
ClientSampleId :  
LINDEN-JOP-BH-08-B

Tot Ion:228 Resp: 3188387  
Ion Ratio Lower Upper  
228 100  
226 33.7 26.2 39.2  
229 24.0 16.6 25.0

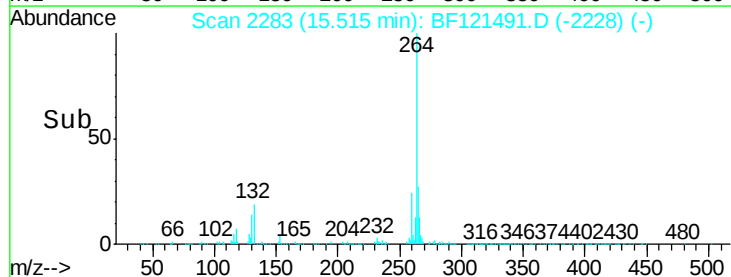
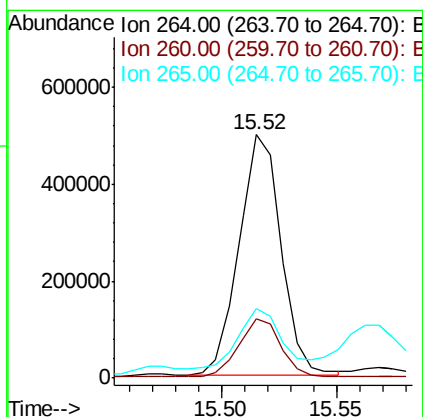
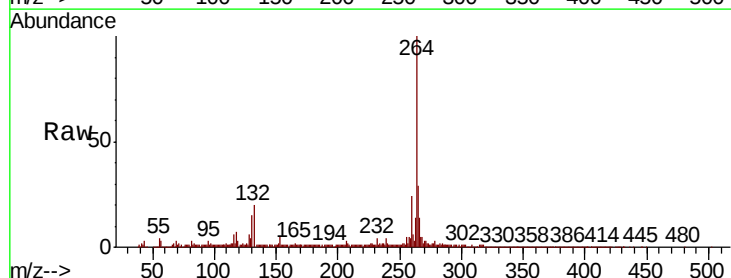
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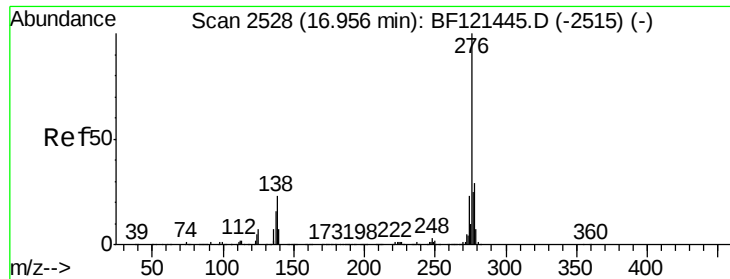
mohammad  
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.52 min Scan# 2283  
Delta R.T. 0.02 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

Tgt Ion:264 Resp: 628513  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.6 29.4  
265 28.8 17.8 26.6#





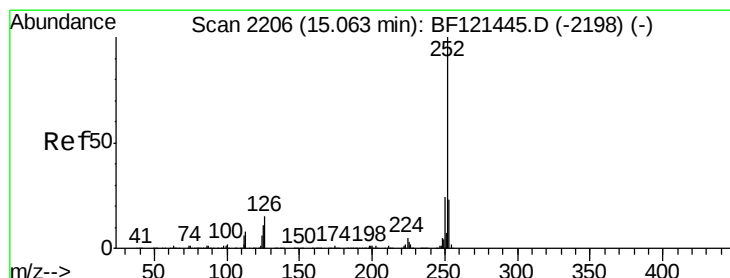
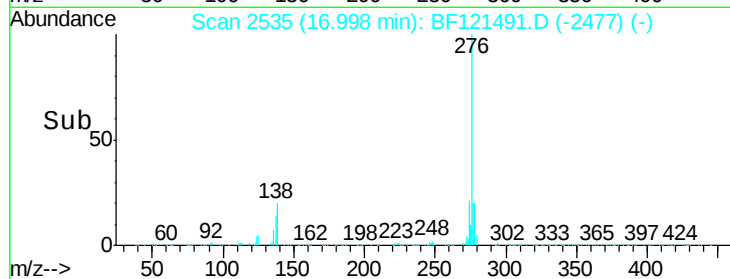
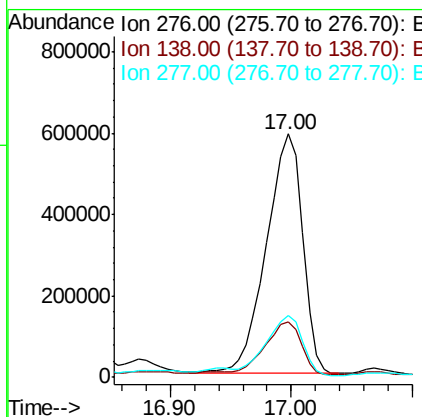
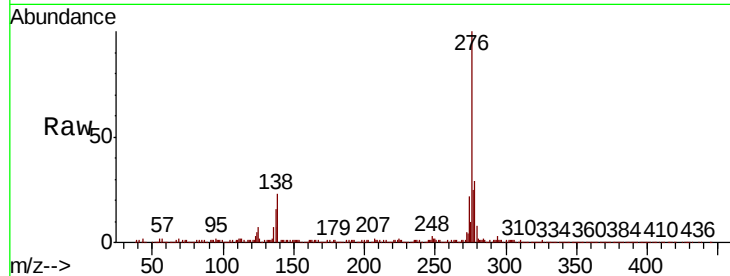
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 31.734 ng  
 RT: 17.00 min Scan# 2535  
 Delta R.T. 0.04 min  
 Lab File: BF121491.D  
 Acq: 31 Aug 2020 22:05

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LINDEN-JOP-BH-08-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 23.5  | 20.6  | 31.0  |
| 277     | 25.0  | 20.5  | 30.7  |

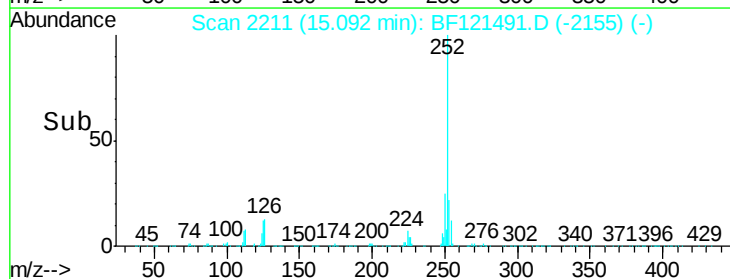
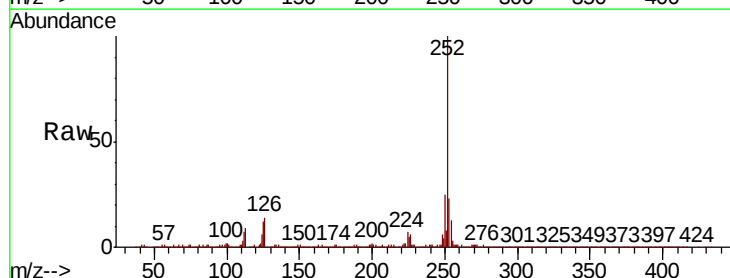
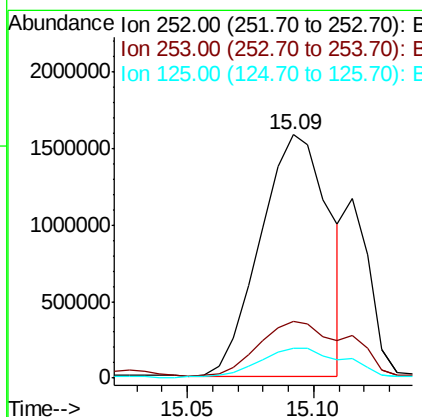
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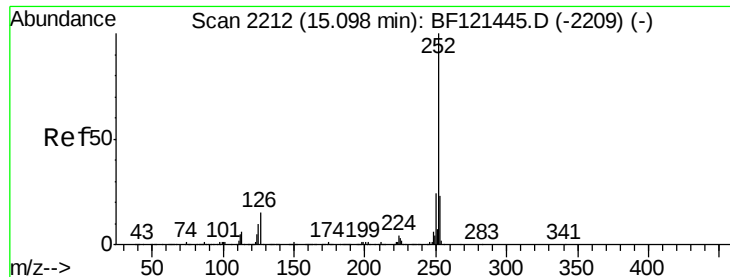
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#88  
 Benzo(b)fluoranthene  
 Concen: 73.177 ng m  
 RT: 15.09 min Scan# 2211  
 Delta R.T. 0.03 min  
 Lab File: BF121491.D  
 Acq: 31 Aug 2020 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.4  | 18.3  | 27.5  |
| 125     | 12.1  | 9.2   | 13.8  |





#89

Benzo(k)fluoranthene

Concen: 19.920 ng/mL

RT: 15.12 min Scan# 2215

Delta R.T. 0.02 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

Instrument :

BNA\_F

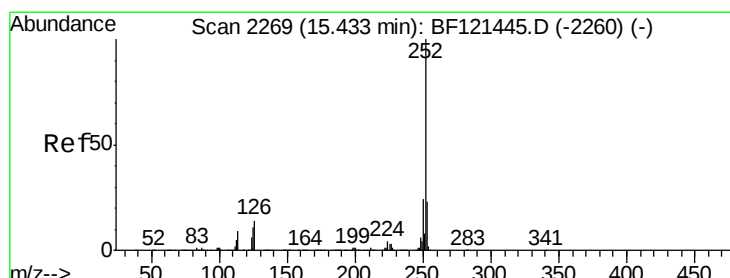
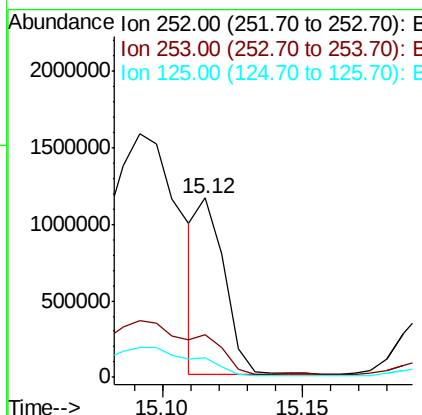
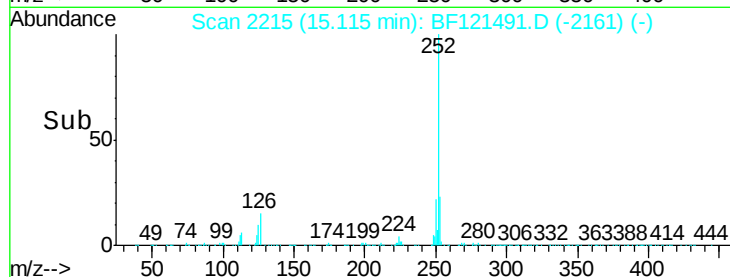
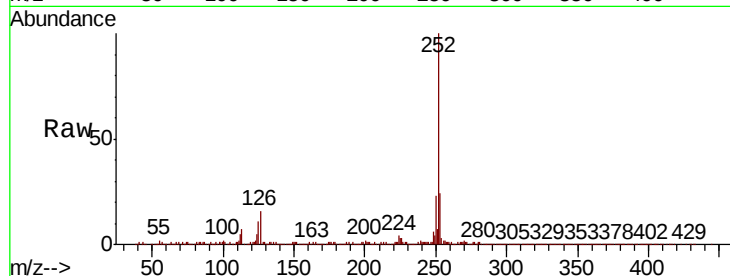
ClientSampleId :

LINDEN-JOP-BH-08-B

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 757517 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 24.0  | 18.3  | 27.5   |
| 125       | 10.8  | 8.5   | 12.7   |

Manual Integrations  
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#90

Benzo(a)pyrene

Concen: 66.306 ng/mL

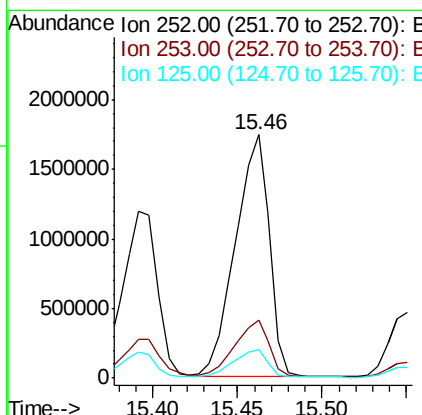
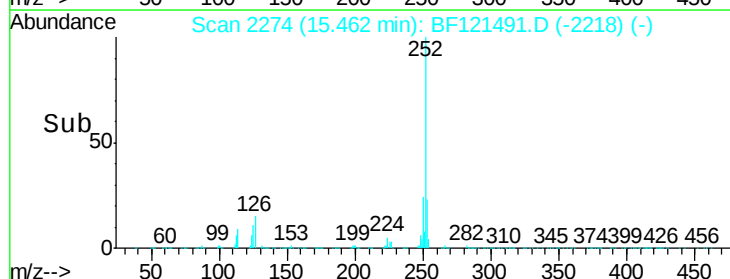
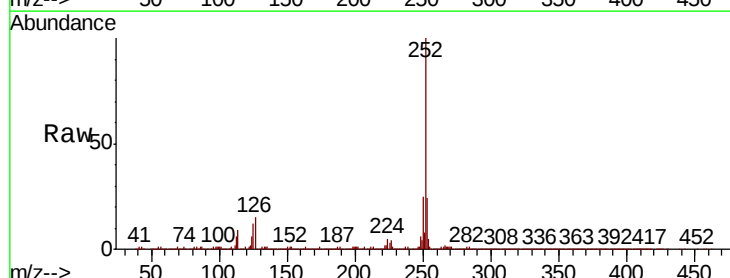
RT: 15.46 min Scan# 2274

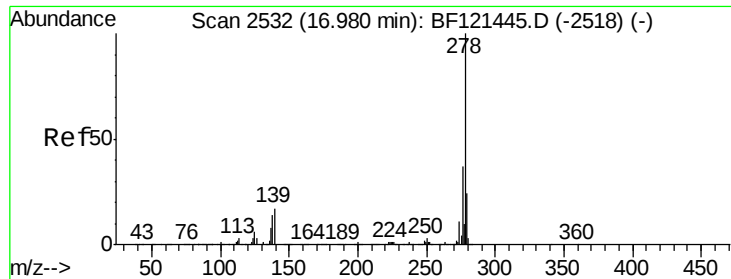
Delta R.T. 0.03 min

Lab File: BF121491.D

Acq: 31 Aug 2020 22:05

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 252   | Resp: | 2437634 |
| Ion Ratio | Lower | Upper |         |
| 252       | 100   |       |         |
| 253       | 23.6  | 18.0  | 27.0    |
| 125       | 11.7  | 9.0   | 13.4    |





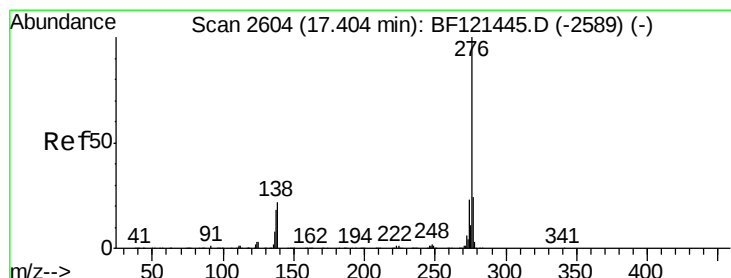
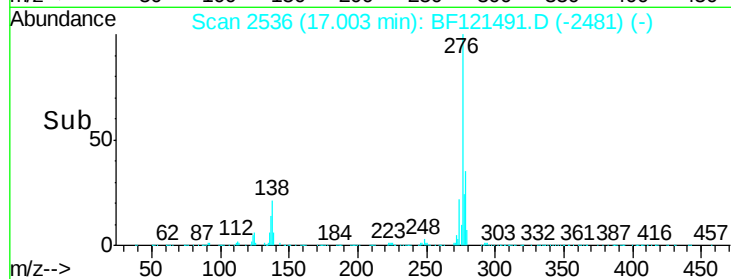
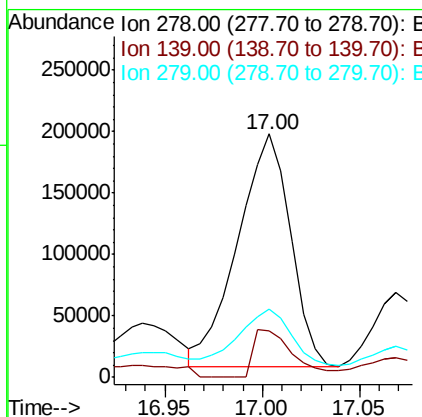
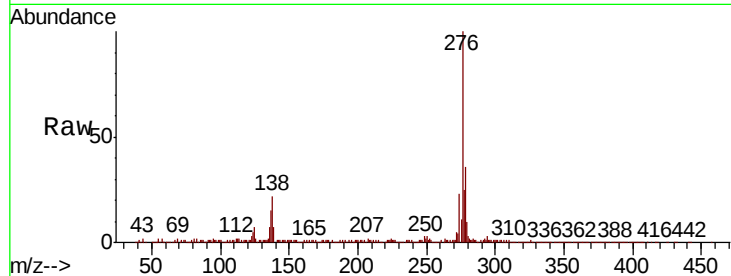
#91  
Dibenzo(a,h)anthracene  
Concen: 11.180 ng  
RT: 17.00 min Scan# 2536  
Delta R.T. 0.02 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

Instrument :  
BNA\_F  
ClientSampleId :  
LINDEN-JOP-BH-08-B

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.2  | 13.3  | 19.9  |
| 279     | 27.9  | 19.4  | 29.0  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 41.505 ng  
RT: 17.44 min Scan# 2611  
Delta R.T. 0.04 min  
Lab File: BF121491.D  
Acq: 31 Aug 2020 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 25.2  | 18.9  | 28.3  |
| 138     | 23.3  | 17.4  | 26.0  |

