

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\  
 Data File : BF121499.D  
 Acq On : 1 Sep 2020 16:32  
 Operator : JU/CG  
 Sample : L3848-17  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LINDEN-BH-03-A

Quant Time: Sep 01 17:35:33 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

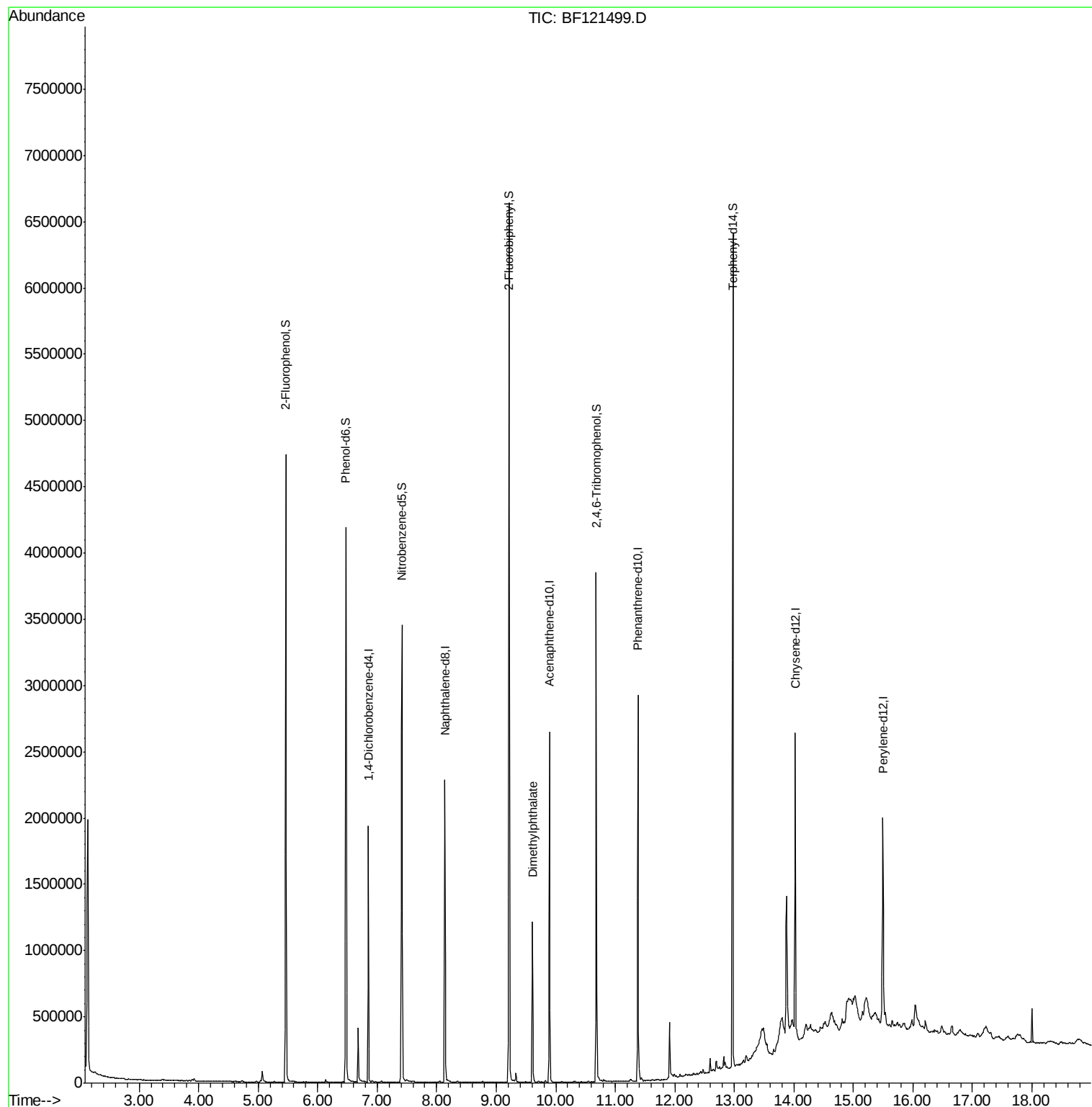
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 271891   | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 8.14  | 136  | 1026094  | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.89  | 164  | 548199   | 20.00  | ng    | -0.01        |
| 64) Phenanthrene-d10        | 11.38 | 188  | 1023514  | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 14.02 | 240  | 737415   | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 15.50 | 264  | 734557   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.47  | 112  | 1294416  | 79.87  | ng    | 0.00         |
| 7) Phenol-d6                | 6.48  | 99   | 1715051  | 75.73  | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 7.42  | 82   | 1109274  | 73.91  | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 10.69 | 330  | 531895   | 96.06  | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.22  | 172  | 2101370  | 61.85  | ng    | -0.01        |
| 79) Terphenyl-d14           | 12.97 | 244  | 2078738  | 59.34  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.61  | 163  | 464067   | 12.324 | ng    | Qvalue<br>99 |

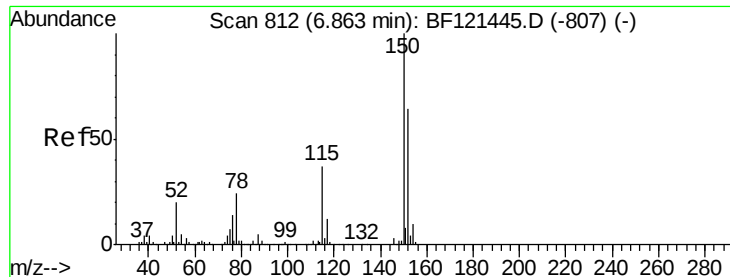
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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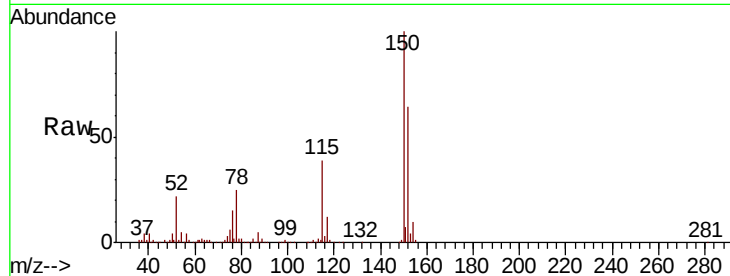


#1

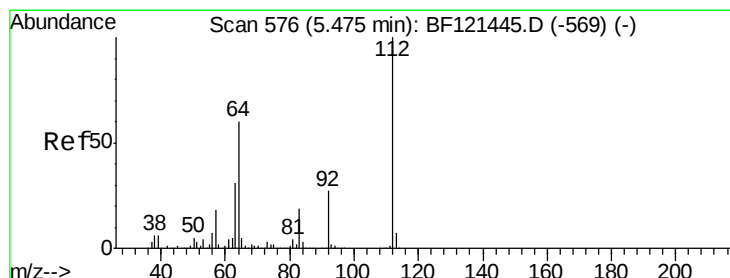
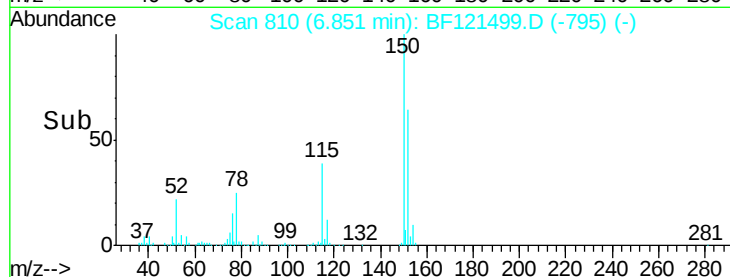
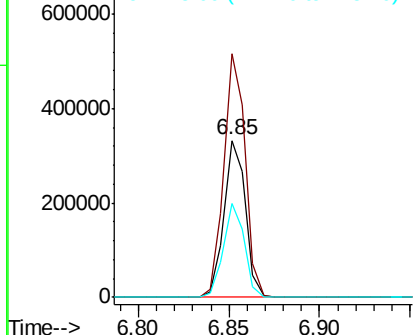
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 810  
Delta R.T. -0.01 min  
Lab File: BF121499.D  
Acq: 1 Sep 2020 16:32

Instrument :  
BNA\_F  
ClientSampleId :  
LINDEN-BH-03-A

Tot Ion:152 Resp: 271891  
Ion Ratio Lower Upper  
152 100  
150 155.5 125.8 188.6  
115 60.2 46.6 69.8



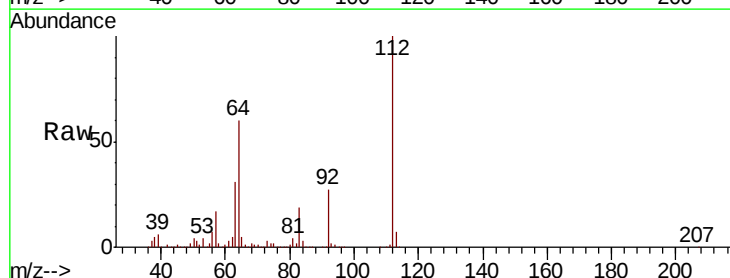
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



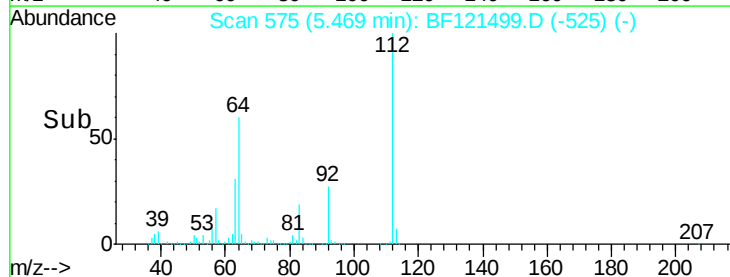
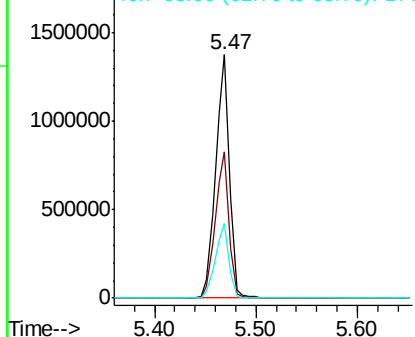
#5

2-Fluorophenol  
Concen: 79.874 ng  
RT: 5.47 min Scan# 575  
Delta R.T. -0.01 min  
Lab File: BF121499.D  
Acq: 1 Sep 2020 16:32

Tgt Ion:112 Resp: 1294416  
Ion Ratio Lower Upper  
112 100  
64 59.9 48.2 72.2  
63 30.5 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: 75.730 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

Instrument :

BNA\_F

ClientSampleId :

LINDEN-BH-03-A

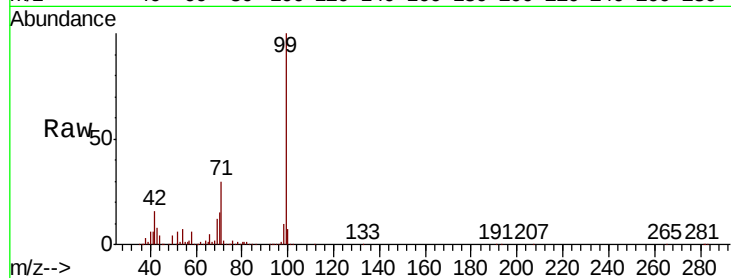
Tot Ion: 99 Resp: 1715051

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

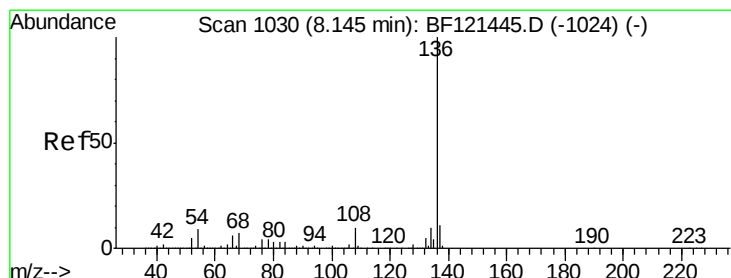
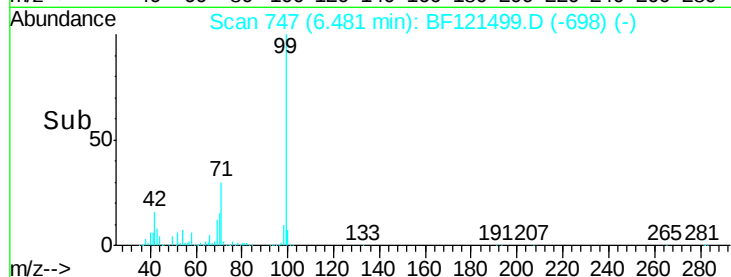
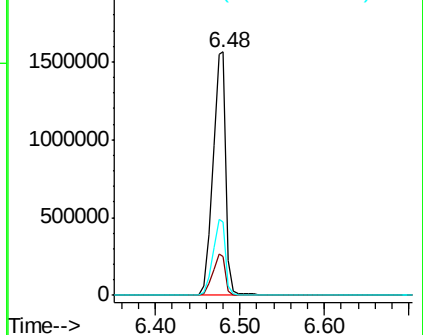
71 30.0 24.6 37.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121499.D

Acq: 1 Sep 2020 16:32

Tgt Ion: 136 Resp: 1026094

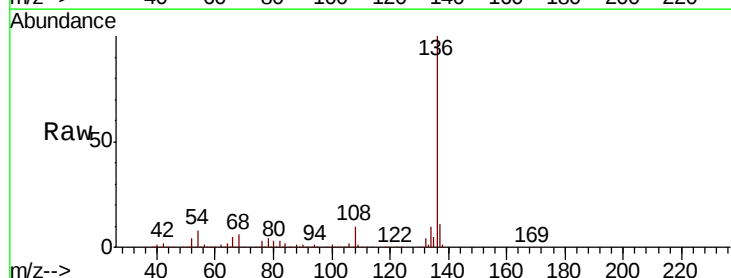
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.0 7.0 10.4

68 6.4 5.5 8.3

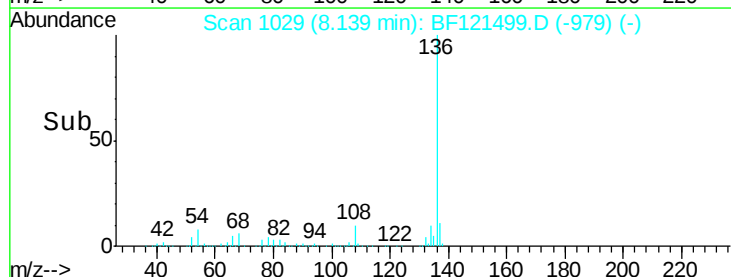
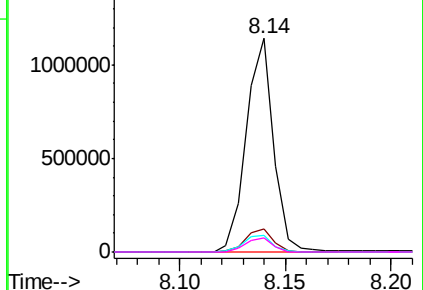


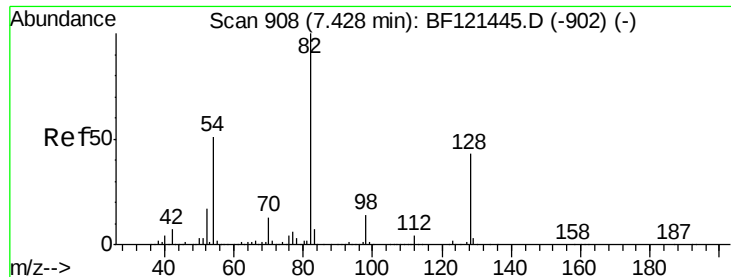
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

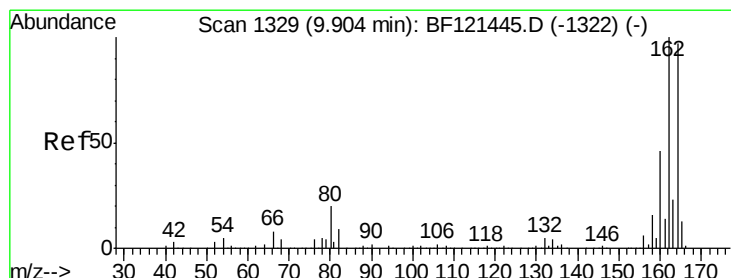
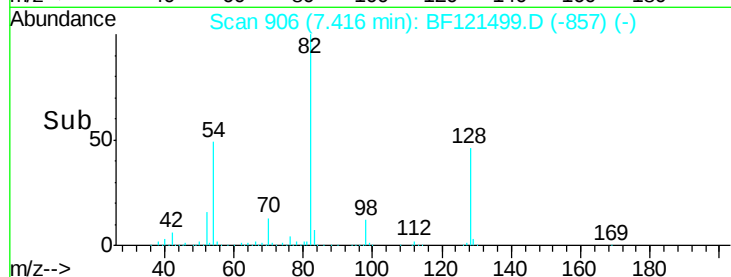
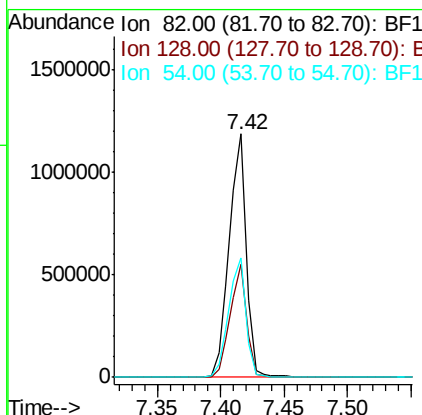
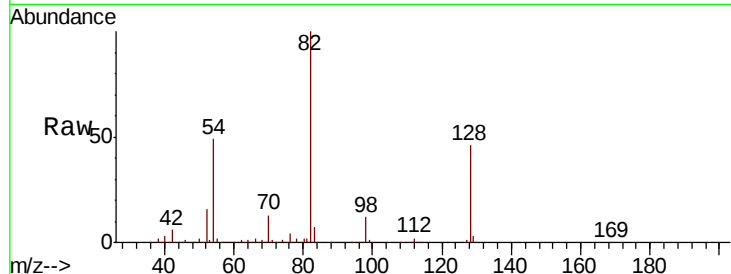




#23  
Nitrobenzene-d5  
Concen: 73.908 ng  
RT: 7.42 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BF121499.D  
Acq: 1 Sep 2020 16:32

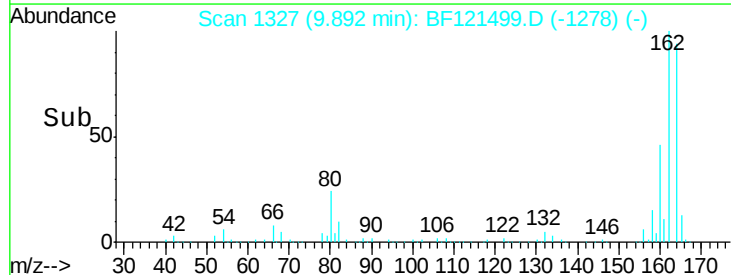
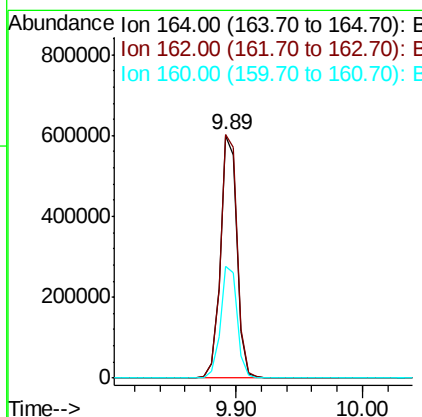
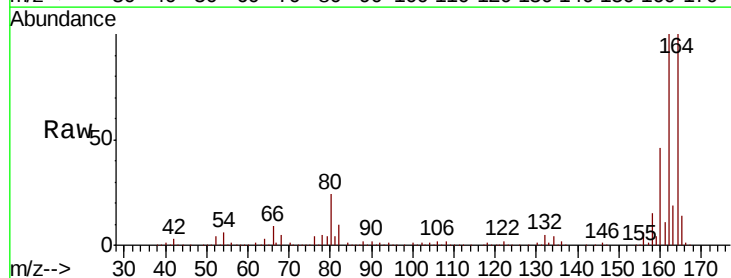
Instrument :  
BNA\_F  
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LINDEN-BH-03-A

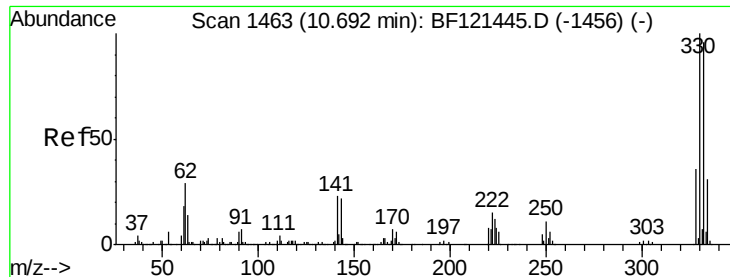
Tot Ion: 82 Resp: 1109274  
Ion Ratio Lower Upper  
82 100  
128 46.3 34.1 51.1  
54 49.3 41.0 61.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF121499.D  
Acq: 1 Sep 2020 16:32

Tgt Ion:164 Resp: 548199  
Ion Ratio Lower Upper  
164 100  
162 100.4 82.4 123.6  
160 46.2 37.6 56.4

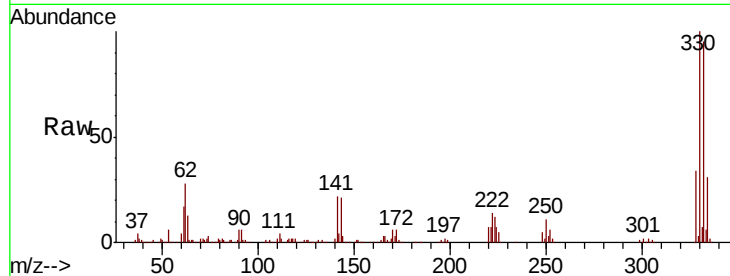




#42  
 2,4,6-Tribromophenol  
 Concen: 96.060 ng  
 RT: 10.69 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: BF121499.D  
 Acq: 1 Sep 2020 16:32

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LINDEN-BH-03-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.2  | 76.2  | 114.2 |
| 141     | 28.6  | 24.6  | 36.8  |

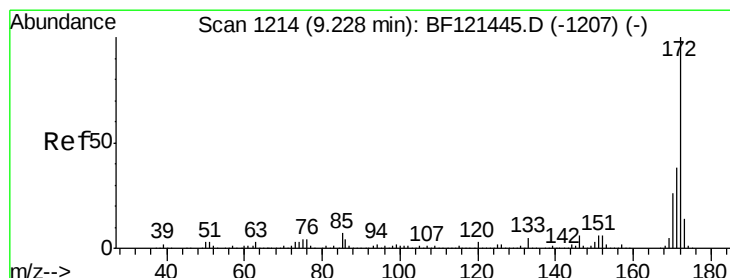
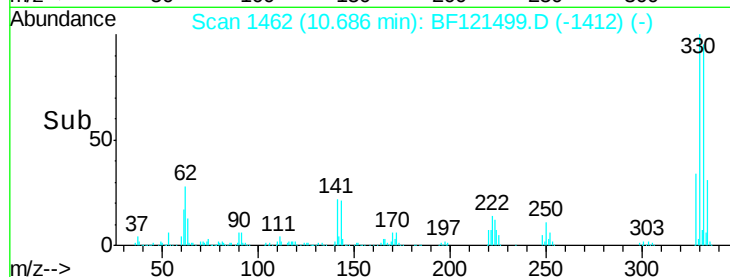
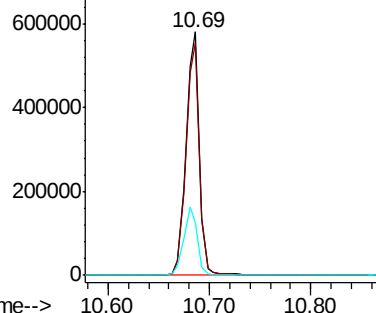


Abundance

Ion 329.80 (329.50 to 330.50): E

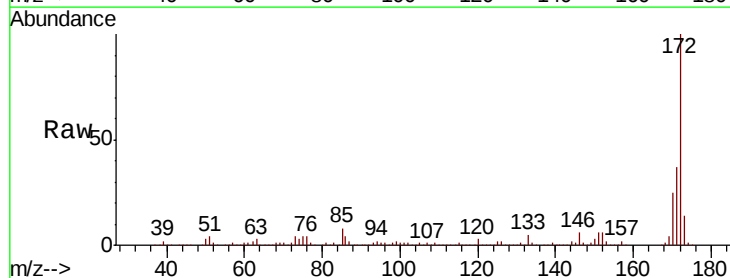
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 61.850 ng  
 RT: 9.22 min Scan# 1212  
 Delta R.T. -0.01 min  
 Lab File: BF121499.D  
 Acq: 1 Sep 2020 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.3  | 30.6  | 45.8  |
| 170     | 25.4  | 20.6  | 31.0  |

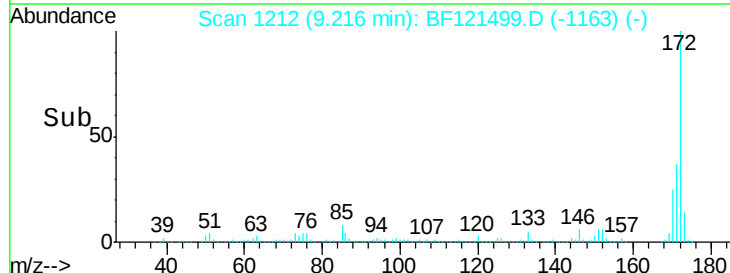
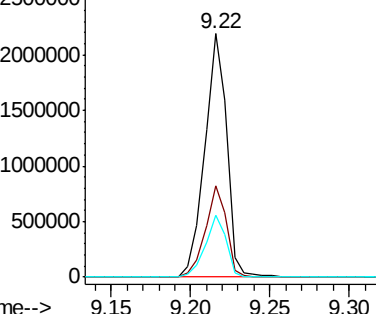


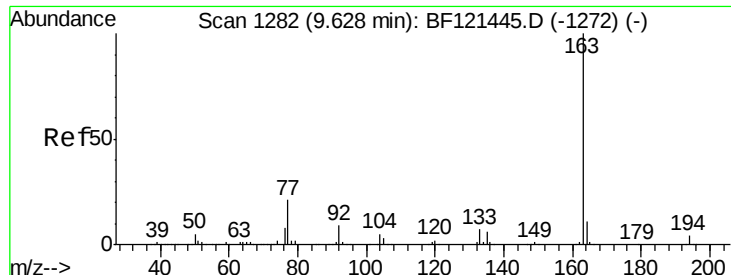
Abundance

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

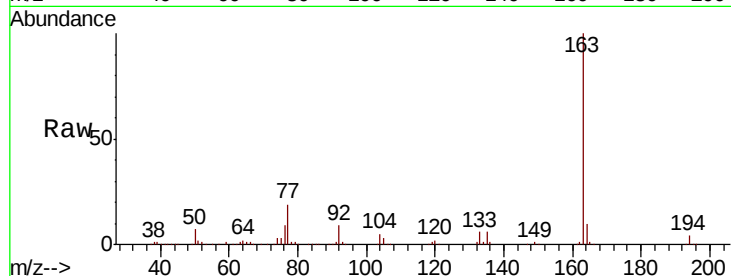




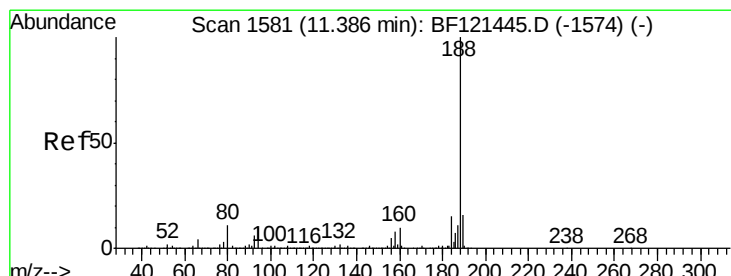
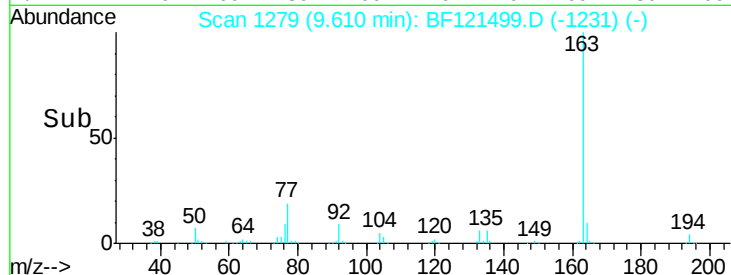
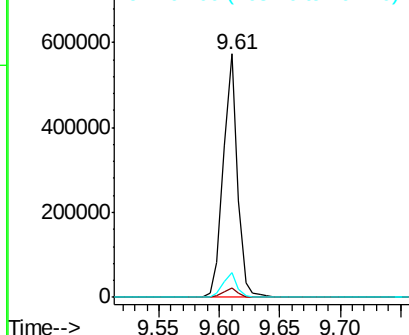
#50  
Dimethylphthalate  
Concen: 12.324 ng  
RT: 9.61 min Scan# 1279  
Delta R.T. -0.02 min  
Lab File: BF121499.D  
Acq: 1 Sep 2020 16:32

Instrument :  
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LINDEN-BH-03-A

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.3   | 4.9   |
| 164     | 10.3  | 8.6   | 12.8  |

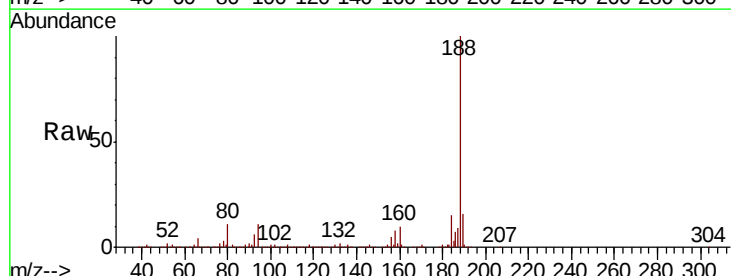


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

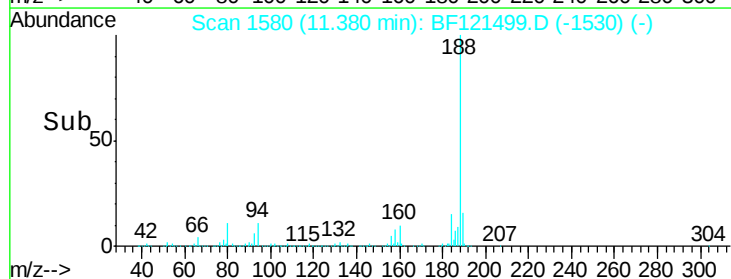
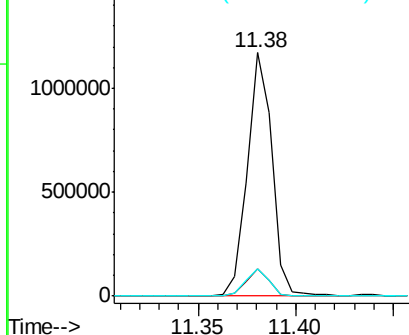


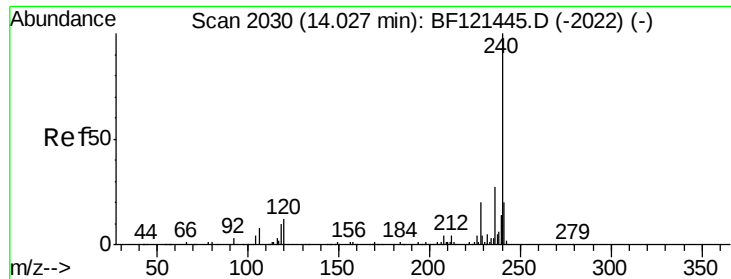
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.38 min Scan# 1580  
Delta R.T. -0.01 min  
Lab File: BF121499.D  
Acq: 1 Sep 2020 16:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.1  | 8.3   | 12.5  |
| 80      | 11.5  | 8.6   | 13.0  |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1

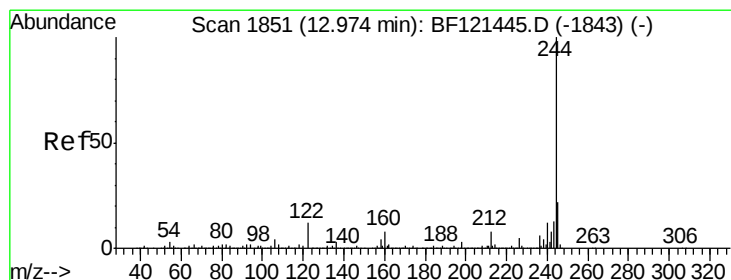
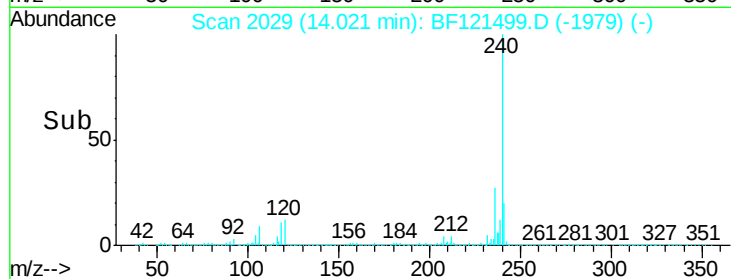
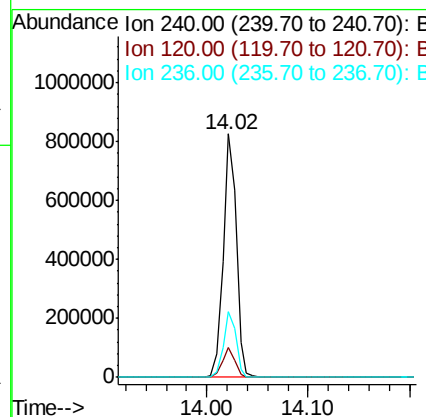
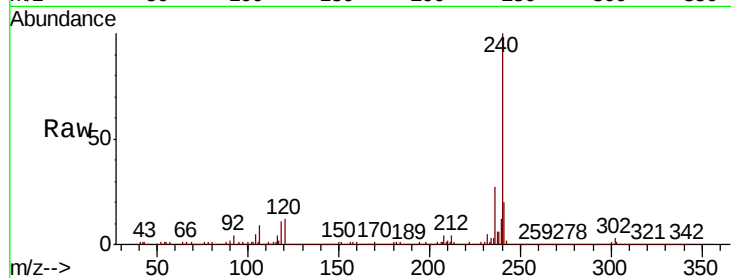




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 14.02 min Scan# 2029  
 Delta R.T. -0.01 min  
 Lab File: BF121499.D  
 Acq: 1 Sep 2020 16:32

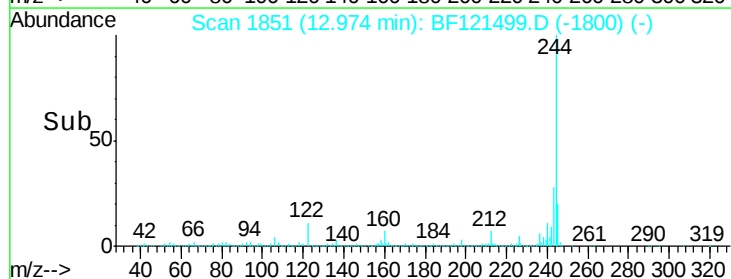
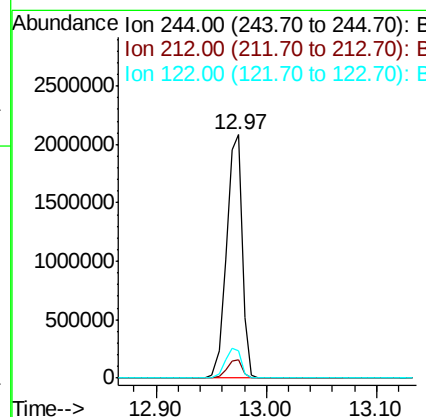
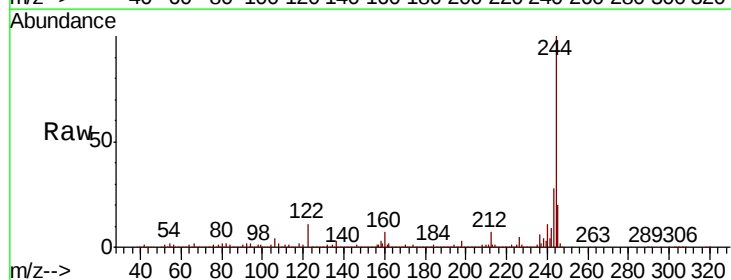
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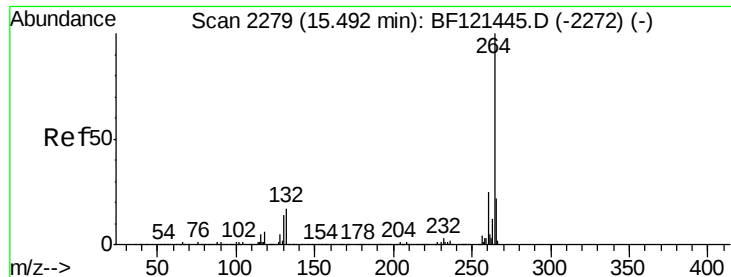
Tot Ion:240 Resp: 737415  
 Ion Ratio Lower Upper  
 240 100  
 120 12.4 9.5 14.3  
 236 26.8 21.8 32.6



#79  
 Terphenyl-d14  
 Concen: 59.338 ng  
 RT: 12.97 min Scan# 1851  
 Delta R.T. 0.00 min  
 Lab File: BF121499.D  
 Acq: 1 Sep 2020 16:32

Tgt Ion:244 Resp: 2078738  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.3 9.5  
 122 11.2 9.5 14.3





#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.50 min Scan# 2280  
Delta R.T. 0.01 min  
Lab File: BF121499.D  
Acq: 1 Sep 2020 16:32

Instrument :  
BNA\_F  
ClientSampleId :  
LINDEN-BH-03-A

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 734557 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.4  | 19.6  | 29.4   |
| 265      | 21.6  | 17.8  | 26.6   |

