

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\  
 Data File : BF118727.D  
 Acq On : 29 Jan 2020 13:19  
 Operator : CG/JU  
 Sample : L1289-05  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-26-27-COMP

Quant Time: Jan 30 00:20:16 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:24:10 2020  
 Response via : Initial Calibration

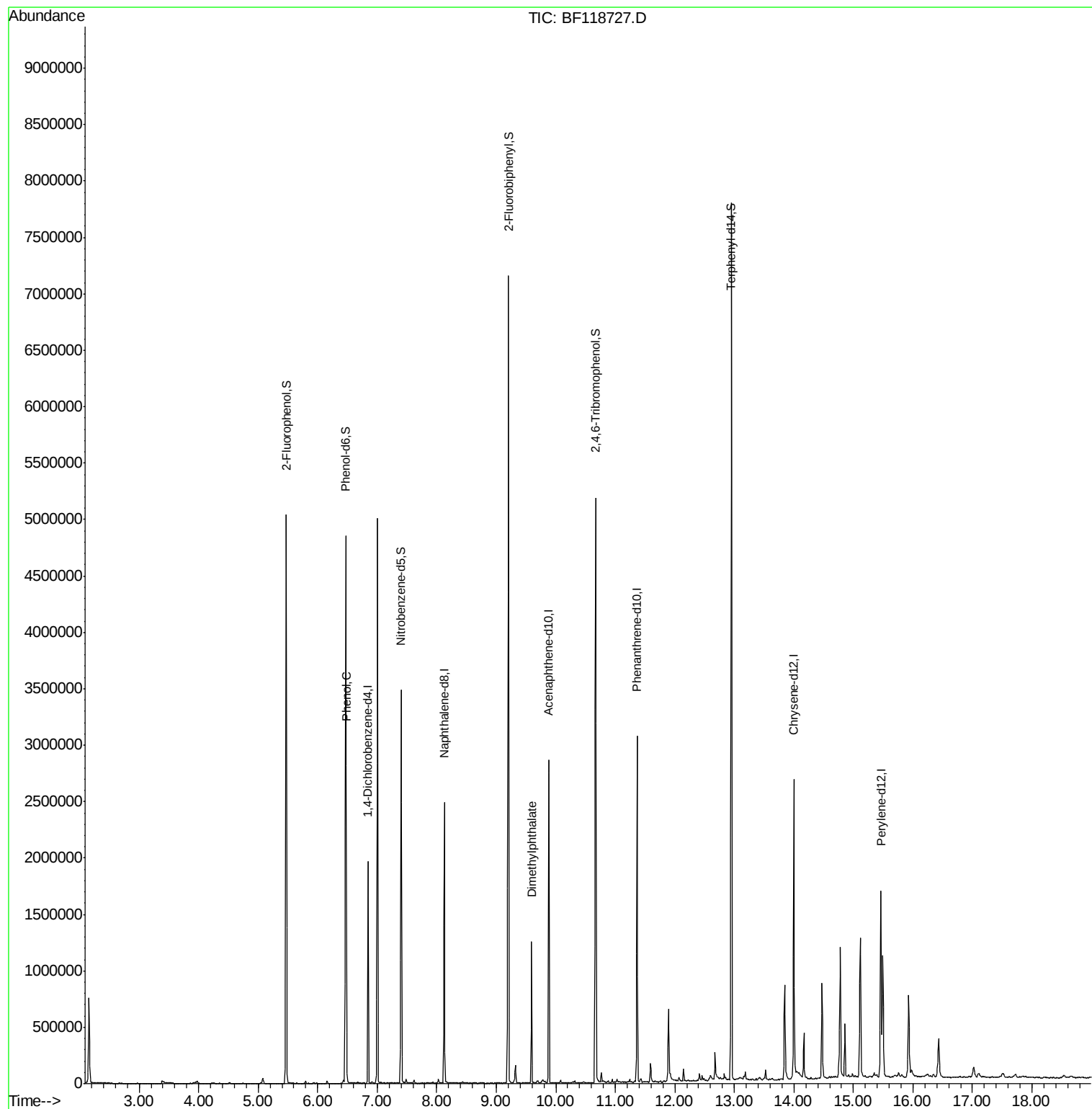
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 301964   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.13  | 136  | 1143083  | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 9.88  | 164  | 649093   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 11.37 | 188  | 1242868  | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.00 | 240  | 915788   | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 15.46 | 264  | 808498   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.47  | 112  | 1520943  | 93.55  | ng    | 0.00     |
| 7) Phenol-d6                | 6.47  | 99   | 1901947  | 90.00  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 1223985  | 59.89  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 715150   | 95.26  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 2369006  | 59.99  | ng    | -0.02    |
| 79) Terphenyl-d14           | 12.95 | 244  | 2895790  | 68.97  | ng    | -0.01    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.49  | 94   | 80699    | 3.351  | ng    | 95       |
| 50) Dimethylphthalate       | 9.59  | 163  | 509585   | 12.050 | ng    | 99       |

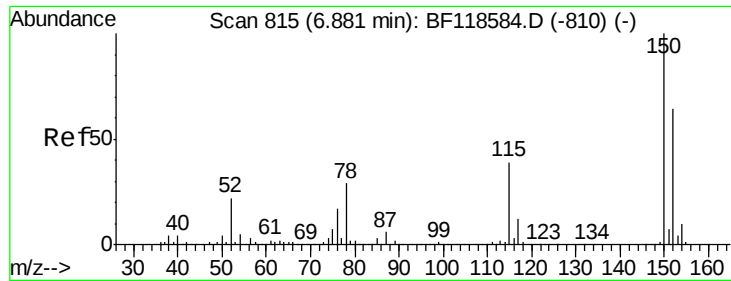
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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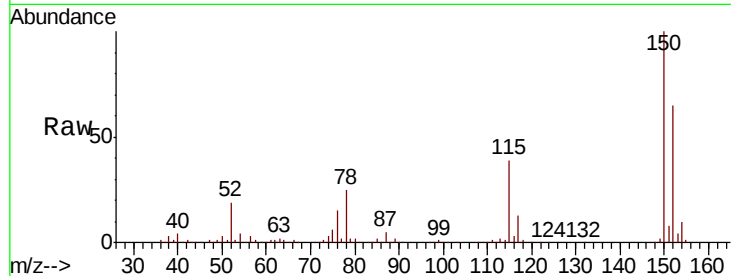


#1

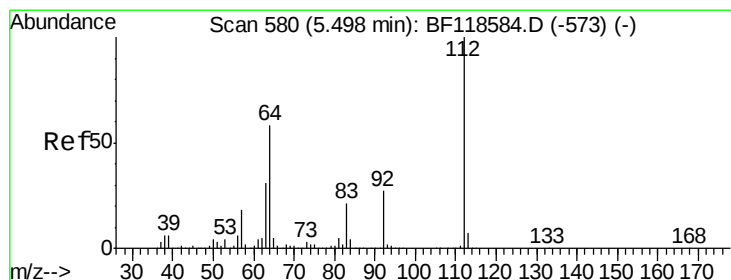
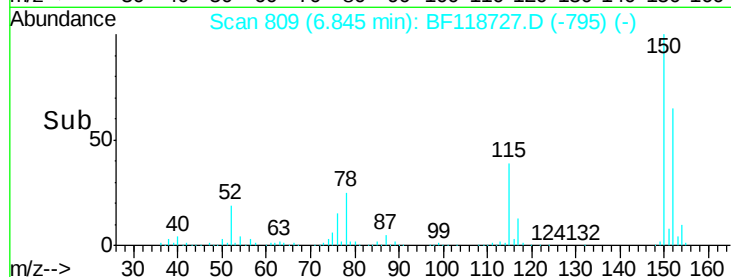
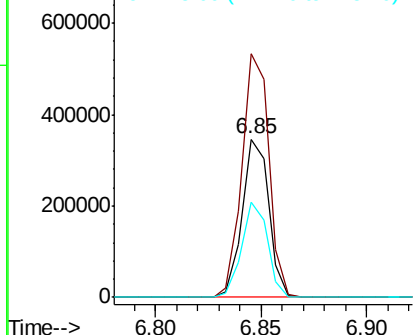
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.02 min  
Lab File: BF118727.D  
Acq: 29 Jan 2020 13:19

Instrument :  
BNA\_F  
ClientSampleId :  
TP-26-27-COMP

Tot Ion:152 Resp: 301964  
Ion Ratio Lower Upper  
152 100  
150 154.0 123.7 185.5  
115 59.8 45.1 67.7



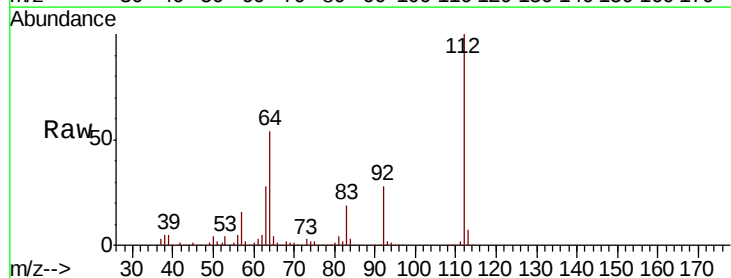
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



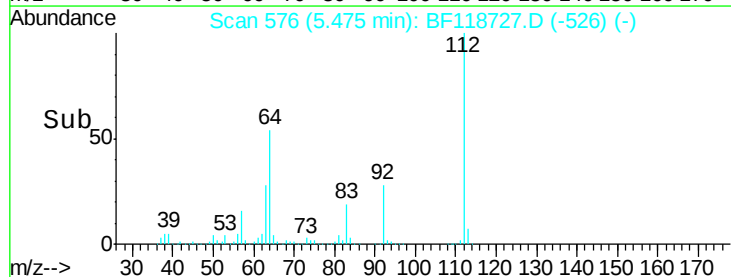
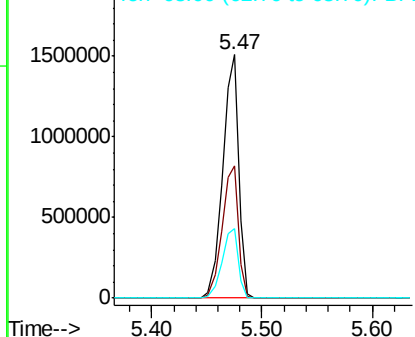
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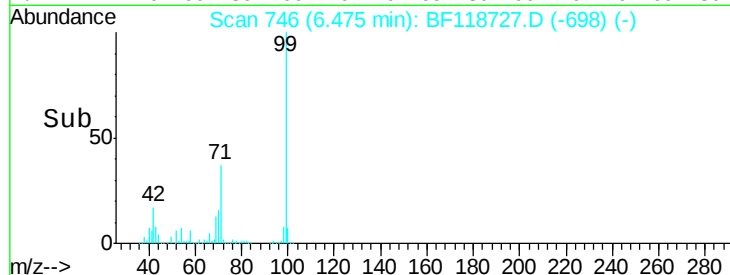
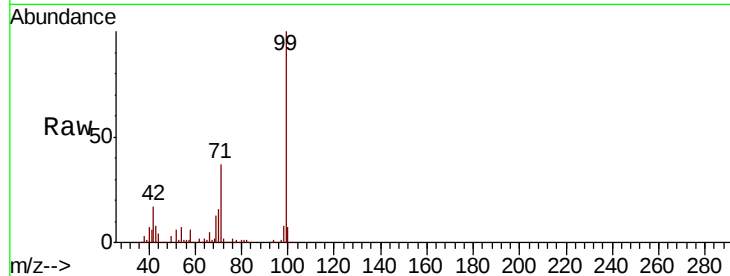
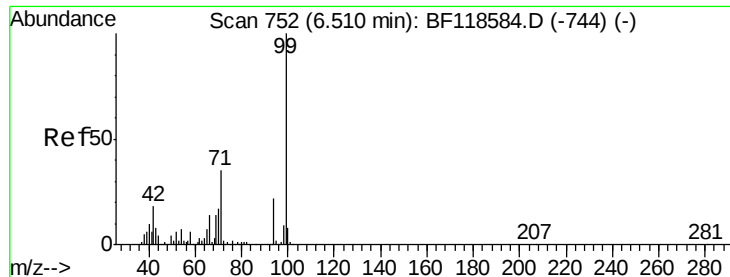
2-Fluorophenol  
Concen: 93.547 ng  
RT: 5.47 min Scan# 576  
Delta R.T. -0.01 min  
Lab File: BF118727.D  
Acq: 29 Jan 2020 13:19

Tgt Ion:112 Resp: 1520943  
Ion Ratio Lower Upper  
112 100  
64 54.3 42.4 63.6  
63 28.4 21.7 32.5



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: 90.003 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

Instrument :

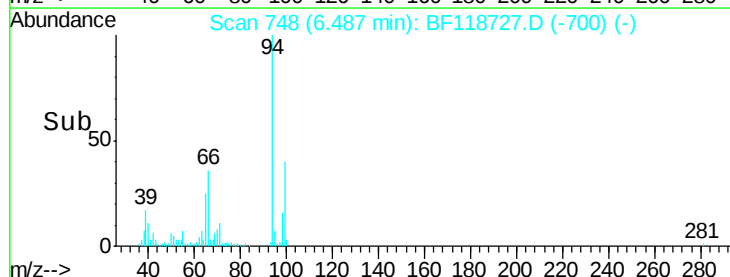
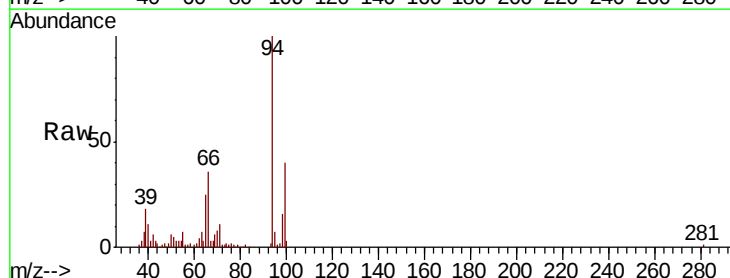
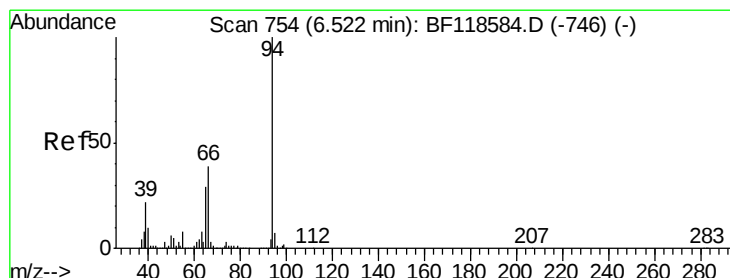
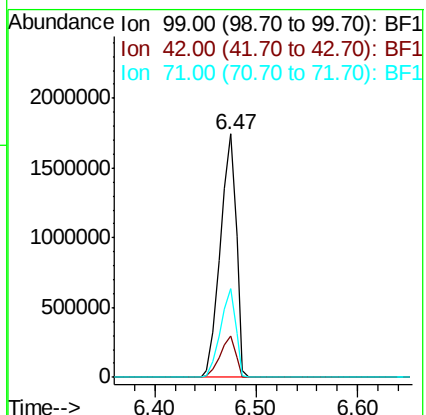
BNA\_F

ClientSampleId :

TP-26-27-COMP

Tot Ion: 99 Resp: 1901947

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.2  | 13.1  | 19.7  |
| 71  | 36.5  | 28.4  | 42.6  |



#10

Phenol

Concen: 3.351 ng

RT: 6.49 min Scan# 748

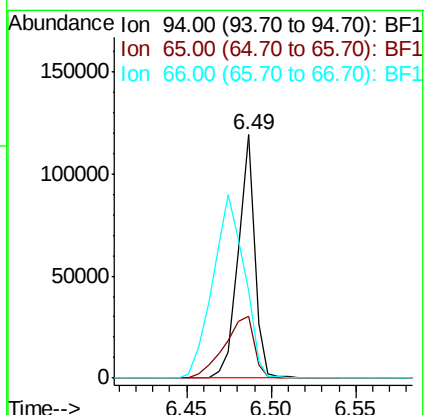
Delta R.T. -0.02 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

Tgt Ion: 94 Resp: 80699

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 25.2  | 7.9   | 47.9  |
| 66  | 36.1  | 19.1  | 59.1  |

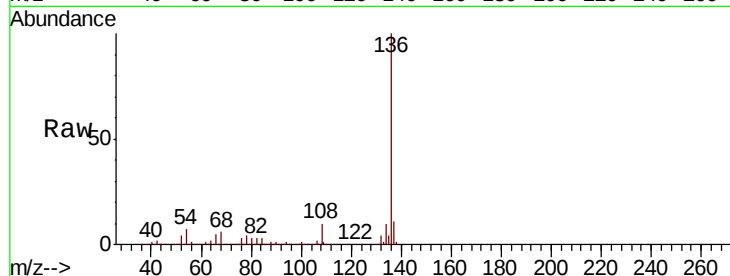




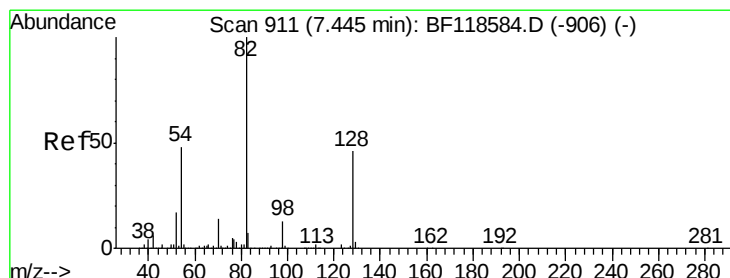
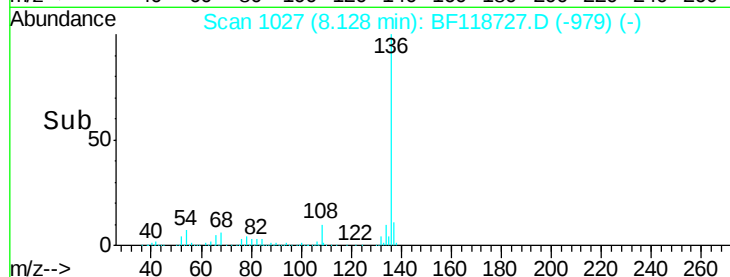
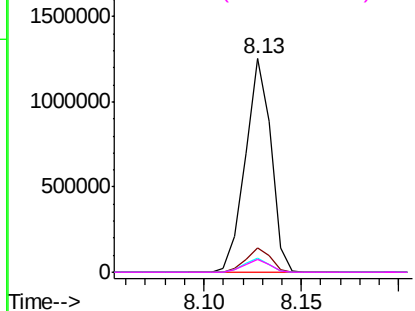
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.13 min Scan# 1027  
Delta R.T. -0.02 min  
Lab File: BF118727.D  
Acq: 29 Jan 2020 13:19

Instrument :  
BNA\_F  
ClientSampleId :  
TP-26-27-COMP

|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1143083 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.2    | 8.9 13.3      |
| 54 6.8      | 5.1 7.7       |
| 68 5.9      | 4.3 6.5       |

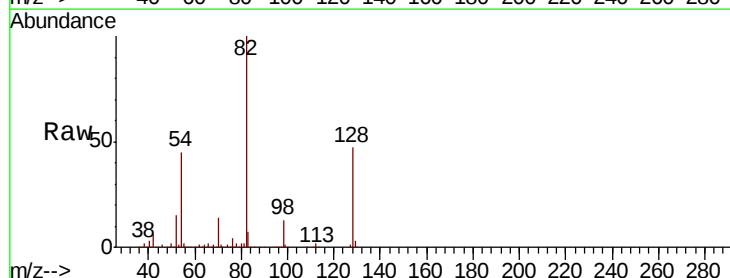


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

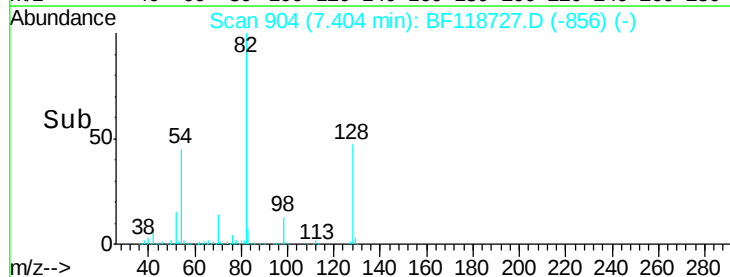
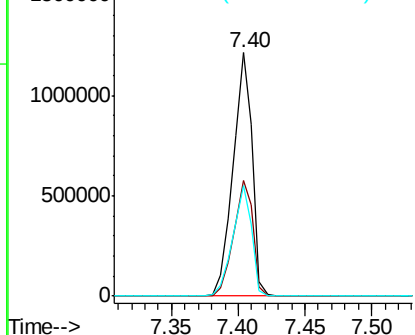


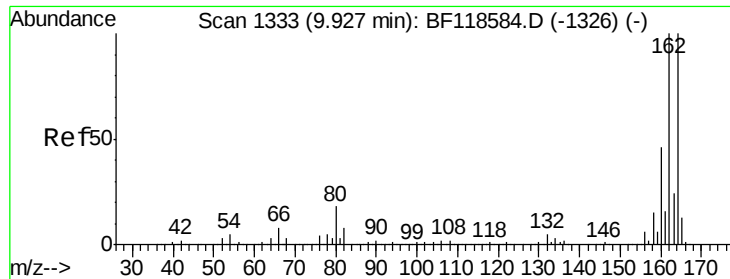
#23  
Nitrobenzene-d5  
Concen: 59.893 ng  
RT: 7.40 min Scan# 904  
Delta R.T. -0.02 min  
Lab File: BF118727.D  
Acq: 29 Jan 2020 13:19

|     |         |               |       |
|-----|---------|---------------|-------|
| Tgt | Ion: 82 | Resp: 1223985 |       |
| Ion | Ratio   | Lower         | Upper |
| 82  | 100     |               |       |
| 128 | 47.2    | 38.2          | 57.2  |
| 54  | 45.4    | 36.1          | 54.1  |



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1

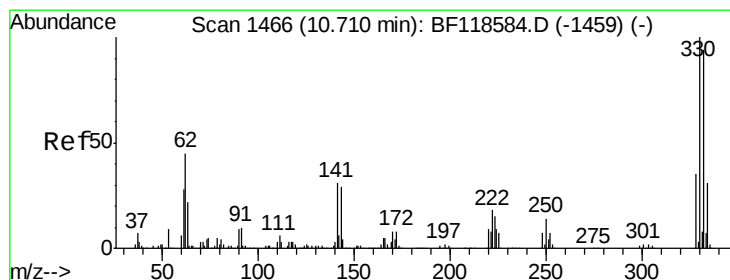
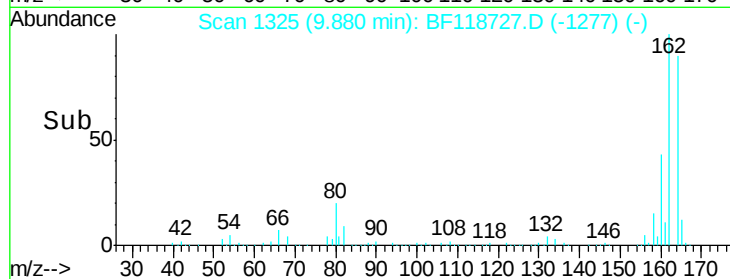
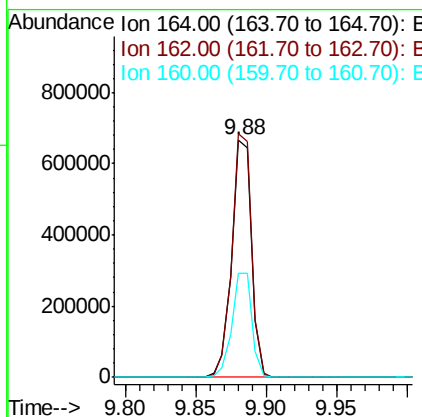
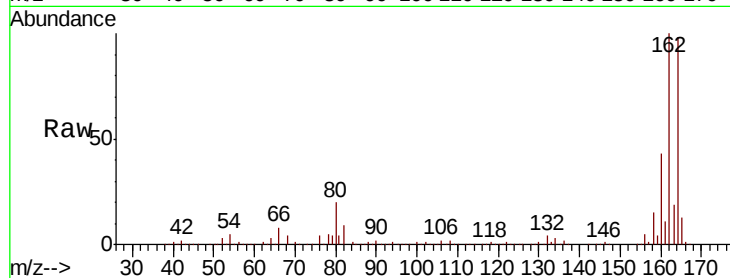




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.88 min Scan# 1325  
 Delta R.T. -0.02 min  
 Lab File: BF118727.D  
 Acq: 29 Jan 2020 13:19

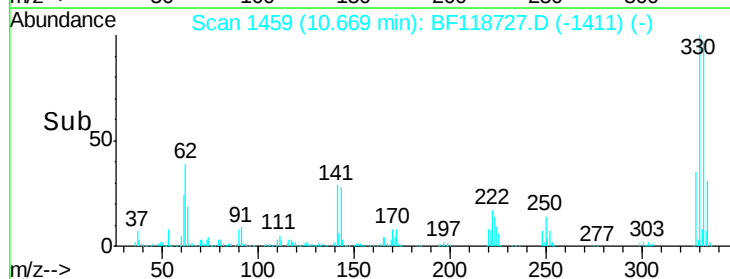
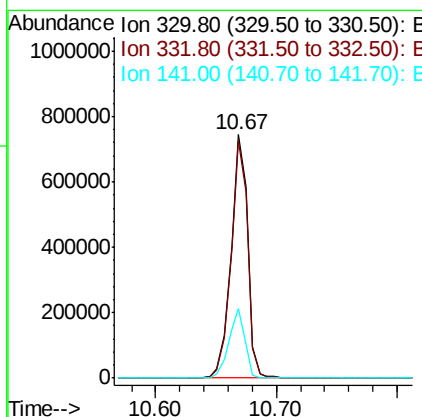
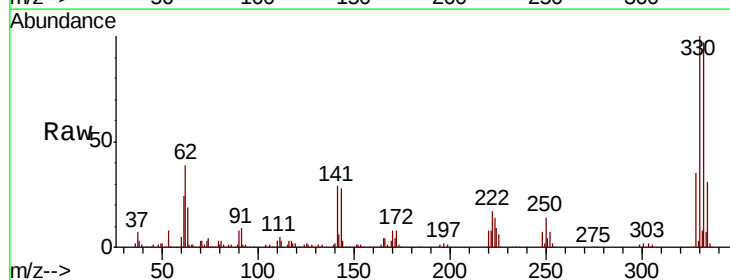
Instrument :  
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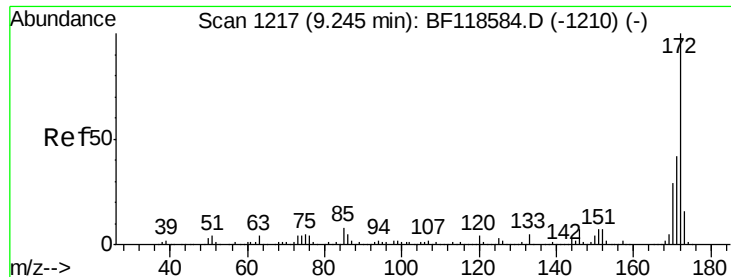
Tot Ion:164 Resp: 649093  
 Ion Ratio Lower Upper  
 164 100  
 162 102.5 80.8 121.2  
 160 44.0 35.4 53.0



#42  
 2,4,6-Tribromophenol  
 Concen: 95.257 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.02 min  
 Lab File: BF118727.D  
 Acq: 29 Jan 2020 13:19

Tgt Ion:330 Resp: 715150  
 Ion Ratio Lower Upper  
 330 100  
 332 97.5 77.6 116.4  
 141 27.5 22.2 33.2

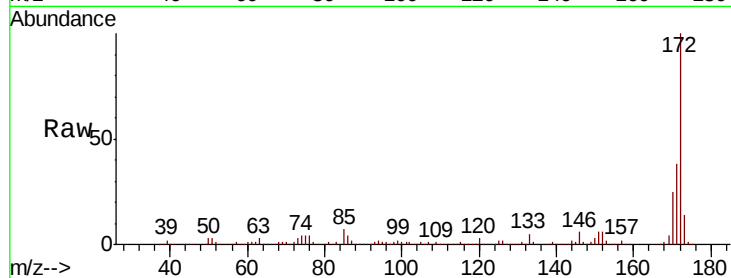




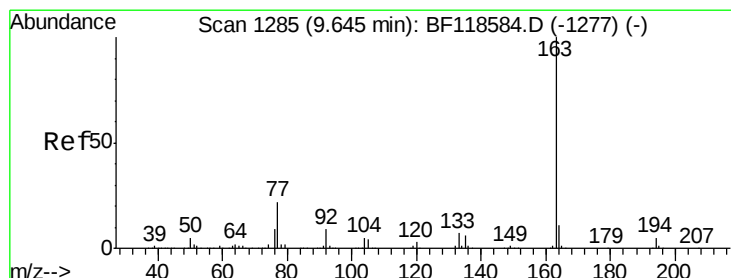
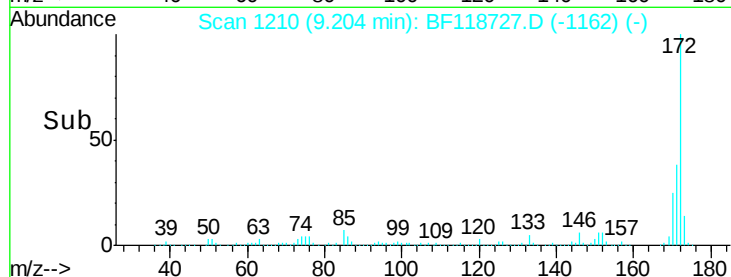
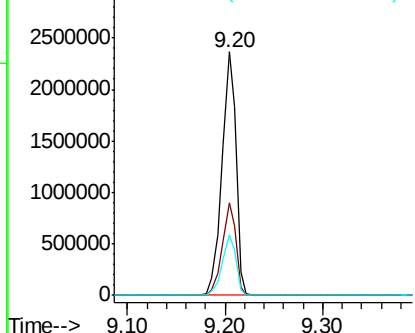
#45  
2-Fluorobiphenyl  
Concen: 59.987 ng  
RT: 9.20 min Scan# 1210  
Delta R.T. -0.02 min  
Lab File: BF118727.D  
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Instrument :  
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Tot Ion:172 Resp: 2369006  
Ion Ratio Lower Upper  
172 100  
171 37.8 31.0 46.4  
170 25.0 20.7 31.1

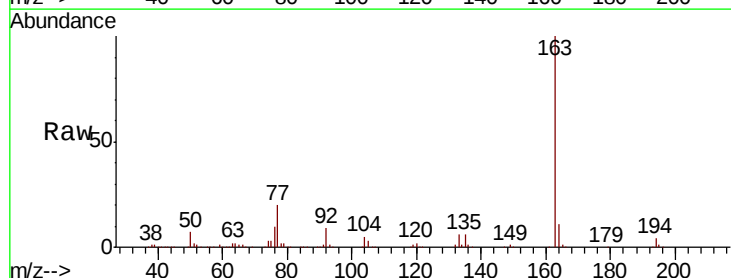


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

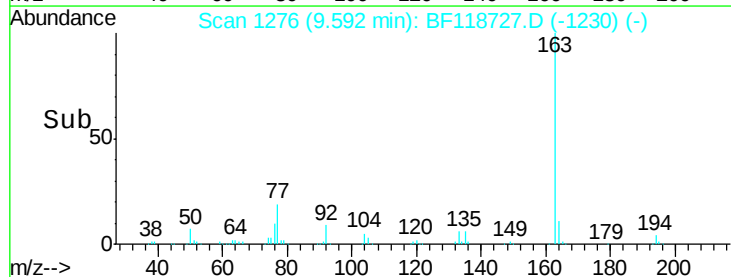
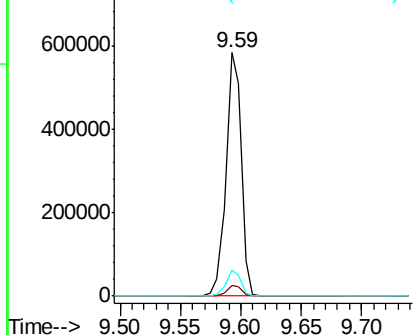


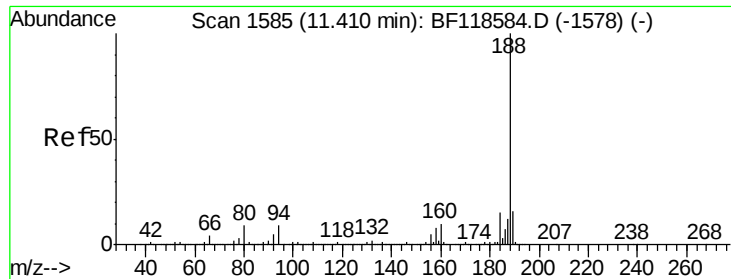
#50  
Dimethylphthalate  
Concen: 12.050 ng  
RT: 9.59 min Scan# 1276  
Delta R.T. -0.03 min  
Lab File: BF118727.D  
Acq: 29 Jan 2020 13:19

Tgt Ion:163 Resp: 509585  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.7 5.5  
164 10.6 8.2 12.2



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

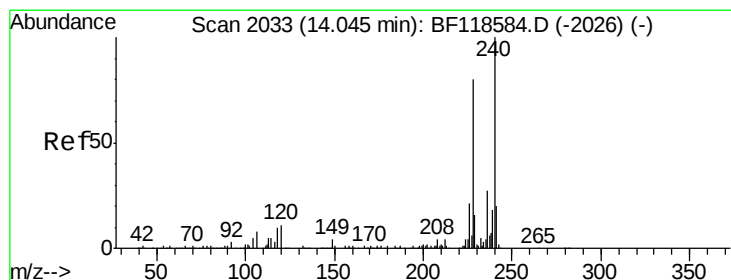
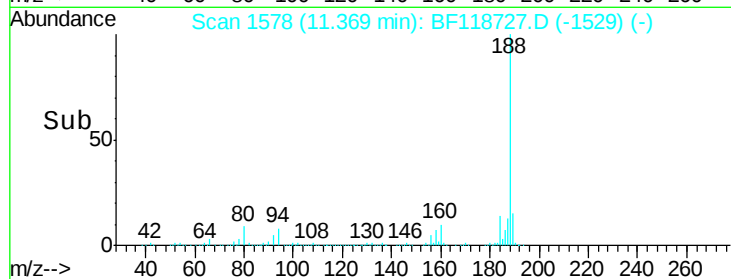
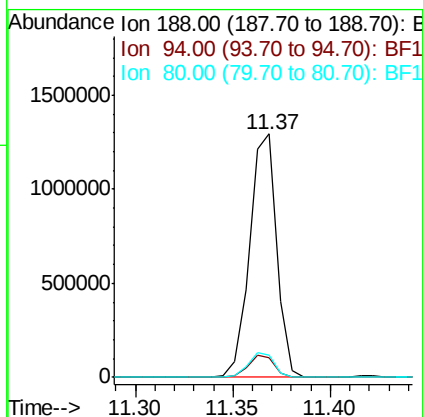
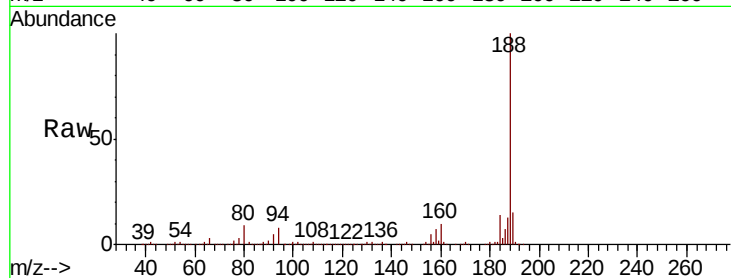




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. -0.01 min  
Lab File: BF118727.D  
Acq: 29 Jan 2020 13:19

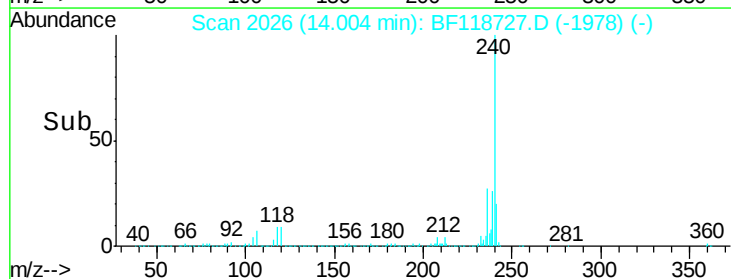
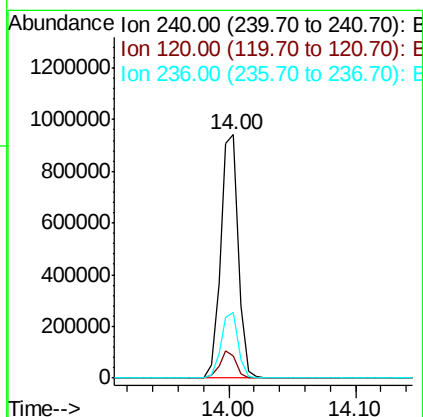
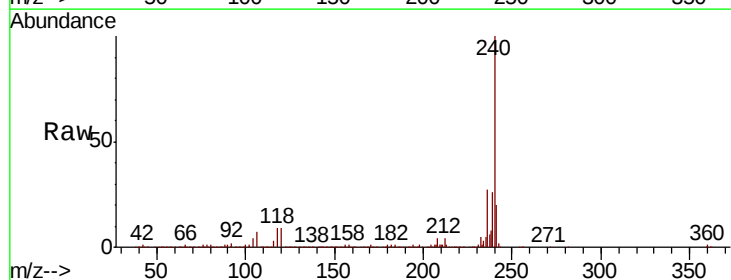
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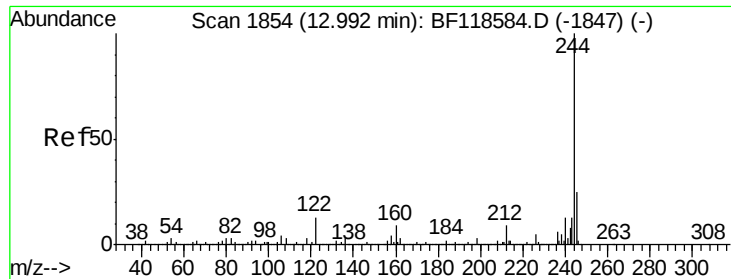
Tot Ion:188 Resp: 1242868  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.4 11.2  
80 9.2 7.8 11.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.00 min Scan# 2026  
Delta R.T. -0.02 min  
Lab File: BF118727.D  
Acq: 29 Jan 2020 13:19

Tgt Ion:240 Resp: 915788  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.6 11.4  
236 26.9 21.0 31.4





#79

Terphenyl-d14

Concen: 68.968 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

Instrument :

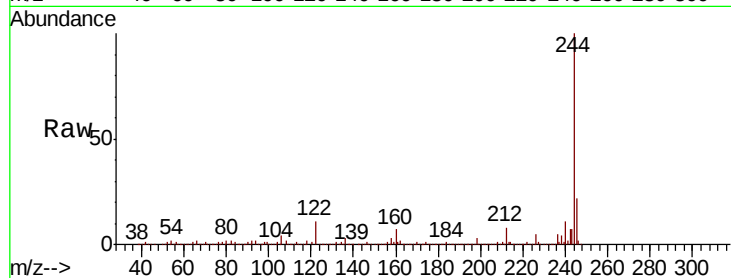
BNA\_F

ClientSampleId :

TP-26-27-COMP

Tot Ion:244 Resp: 2895790

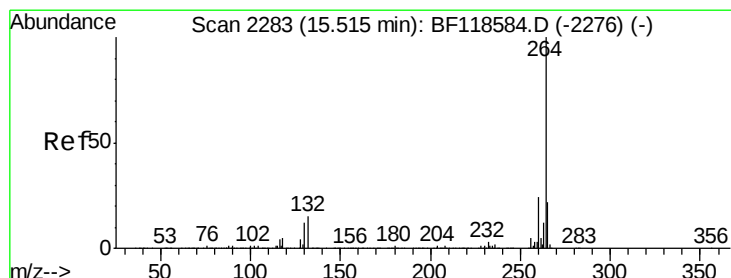
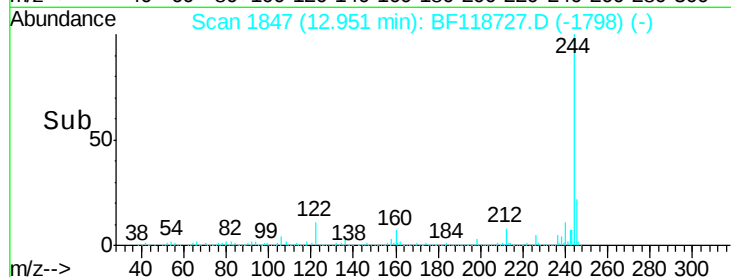
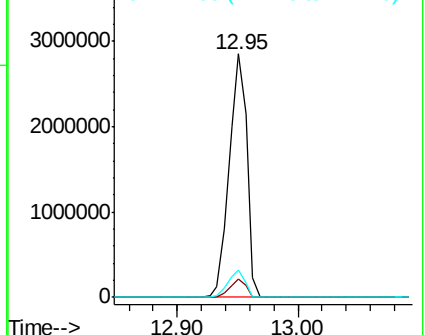
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.6   | 6.3   | 9.5   |
| 122 | 11.2  | 9.2   | 13.8  |



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

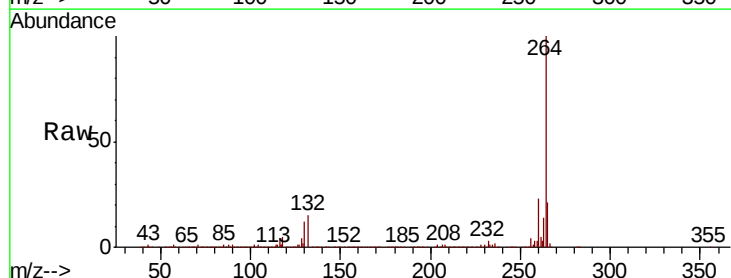
Delta R.T. -0.02 min

Lab File: BF118727.D

Acq: 29 Jan 2020 13:19

Tgt Ion:264 Resp: 808498

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 18.6  | 28.0  |
| 265 | 21.4  | 17.0  | 25.6  |



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

