

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070720\  
 Data File : BF120798.D  
 Acq On : 7 Jul 2020 20:20  
 Operator : JU/CG  
 Sample : L3205-02  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 12013

Quant Time: Jul 08 03:24:43 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 02 18:51:52 2020  
 Response via : Initial Calibration

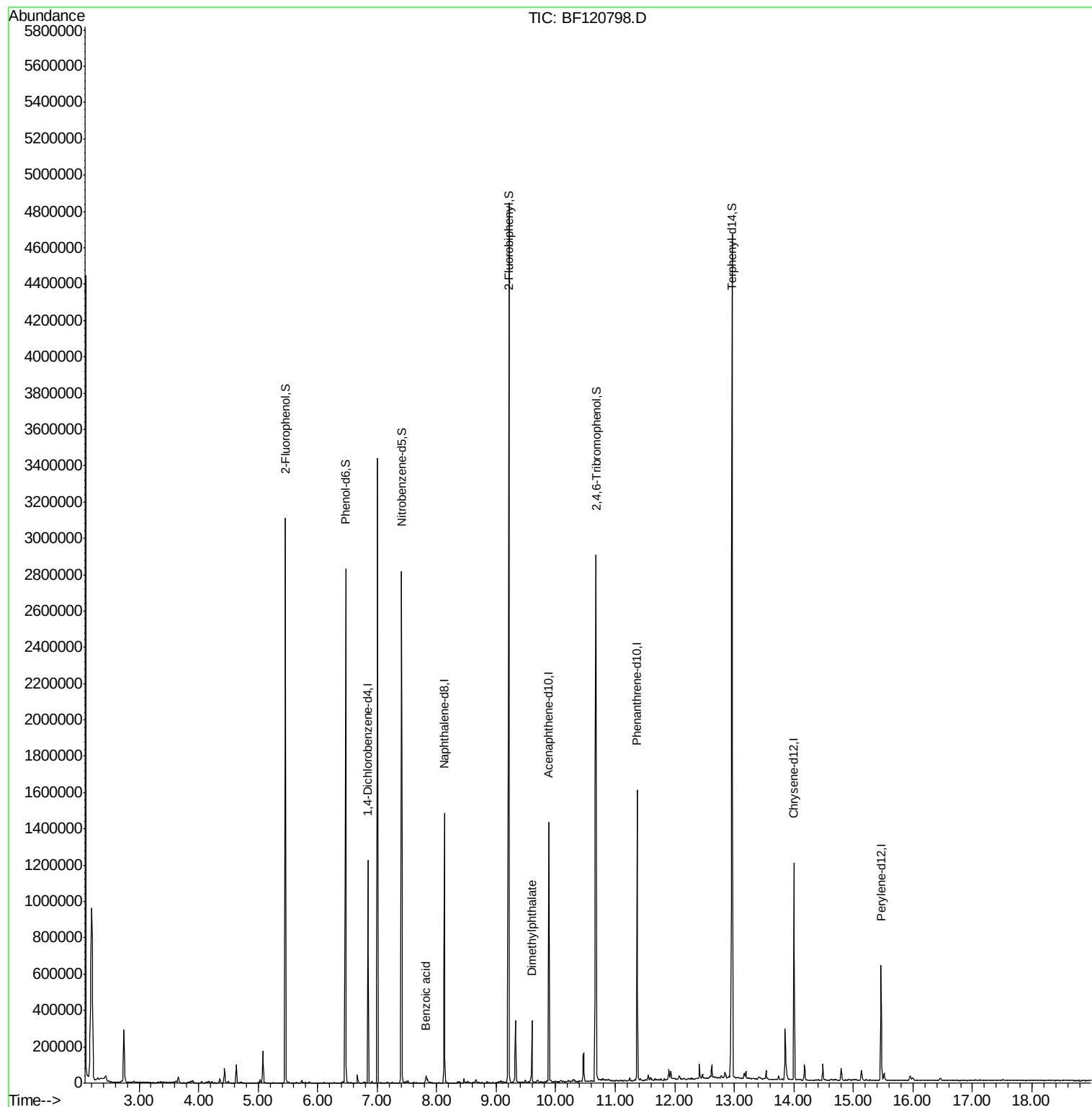
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.85  | 152  | 149633   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.13  | 136  | 565942   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.88  | 164  | 280887   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.37 | 188  | 513032   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.00 | 240  | 353112   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.47 | 264  | 280662   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.46  | 112  | 958045   | 98.83  | ng    | 0.00     |
| 7) Phenol-d6                | 6.47  | 99   | 1027296  | 82.99  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.41  | 82   | 877483   | 89.83  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 394194   | 139.69 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.21  | 172  | 1537621  | 82.82  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.96 | 244  | 1906206  | 105.69 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 32) Benzoic acid            | 7.82  | 122  | 11557    | 5.997  | ng    | 97       |
| 50) Dimethylphthalate       | 9.60  | 163  | 110953   | 5.415  | ng    | 98       |

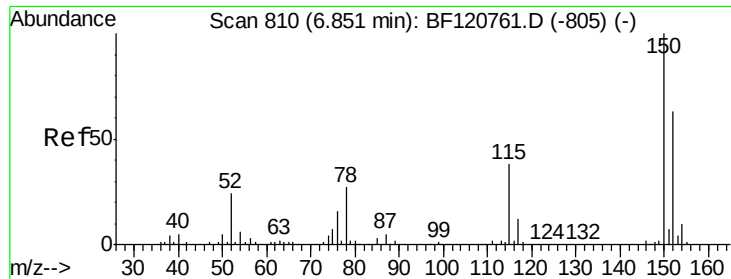
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF120798.D  
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Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
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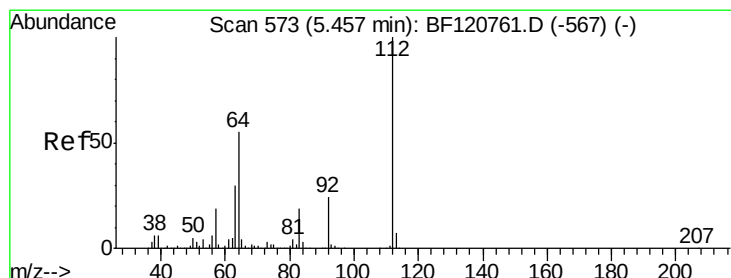
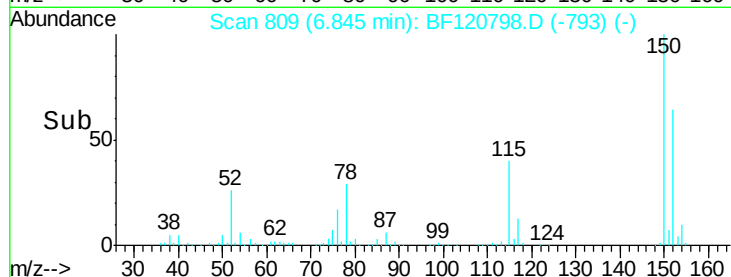
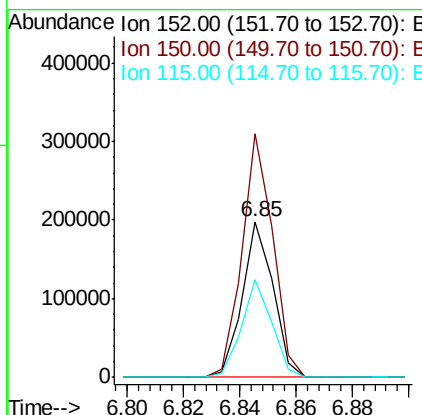
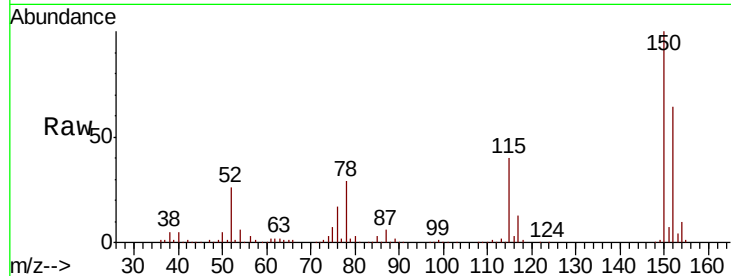




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.85 min Scan# 809  
 Delta R.T. -0.01 min  
 Lab File: BF120798.D  
 Acq: 7 Jul 2020 20:20

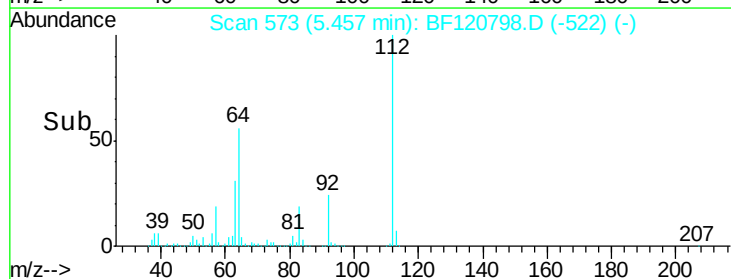
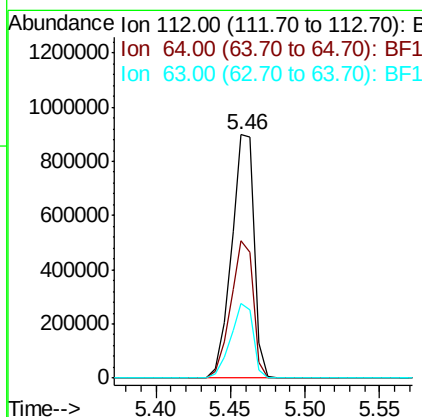
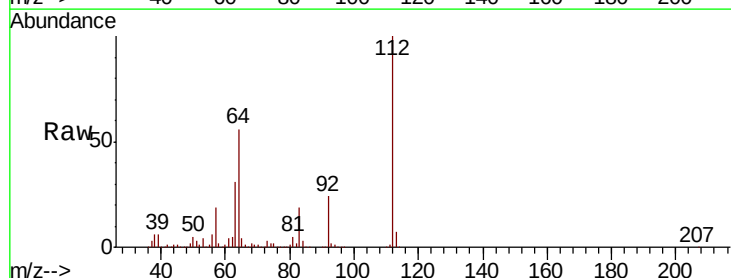
Instrument :  
 BNA\_F  
 ClientSampled :  
 12013

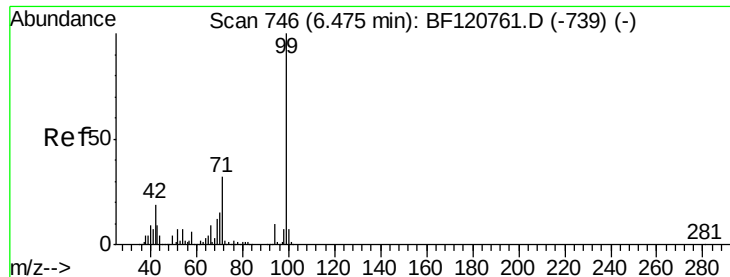
Tot Ion:152 Resp: 149633  
 Ion Ratio Lower Upper  
 152 100  
 150 156.5 126.1 189.1  
 115 62.4 48.5 72.7



#5  
 2-Fluorophenol  
 Concen: 98.834 ng  
 RT: 5.46 min Scan# 573  
 Delta R.T. 0.00 min  
 Lab File: BF120798.D  
 Acq: 7 Jul 2020 20:20

Tgt Ion:112 Resp: 958045  
 Ion Ratio Lower Upper  
 112 100  
 64 56.5 43.8 65.6  
 63 30.6 23.6 35.4





#7

Phenol-d6

Concen: 82.987 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120798.D

Acq: 7 Jul 2020 20:20

Instrument :

BNA\_F

ClientSampleId :

12013

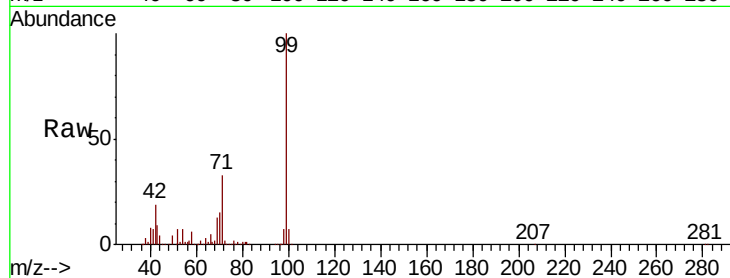
Tot Ion: 99 Resp: 1027296

Ion Ratio Lower Upper

99 100

42 19.3 15.4 23.0

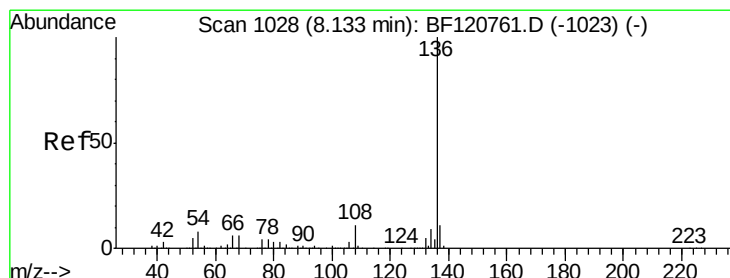
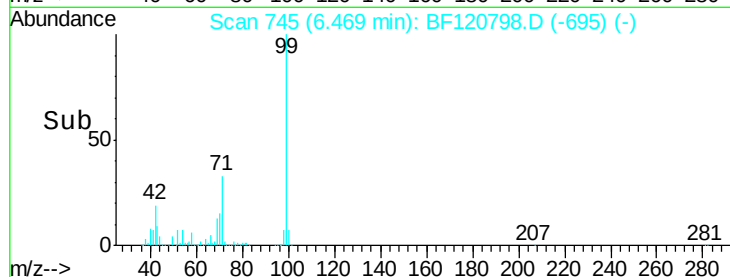
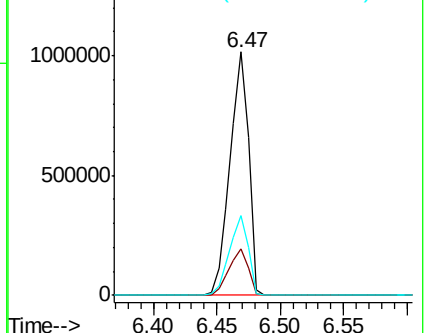
71 32.8 25.9 38.9



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120798.D

Acq: 7 Jul 2020 20:20

Tgt Ion: 136 Resp: 565942

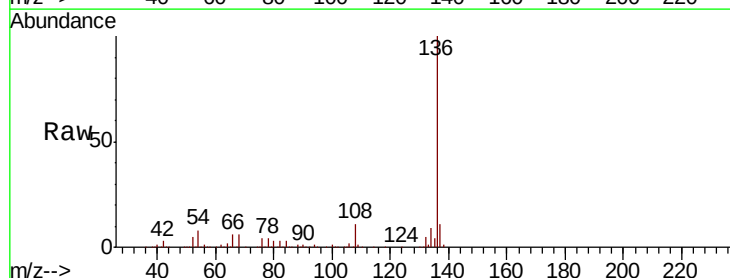
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.4 6.2 9.4

68 5.8 4.7 7.1

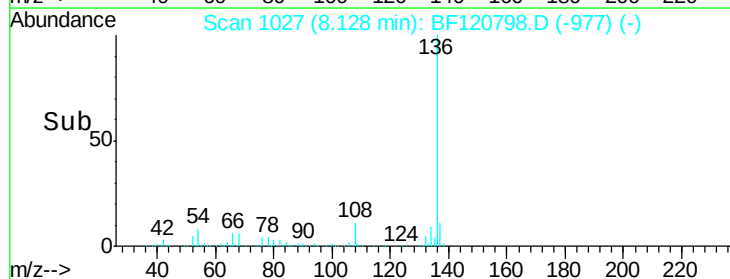
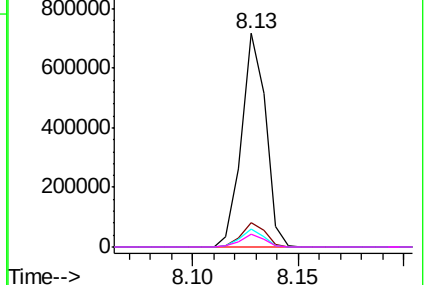


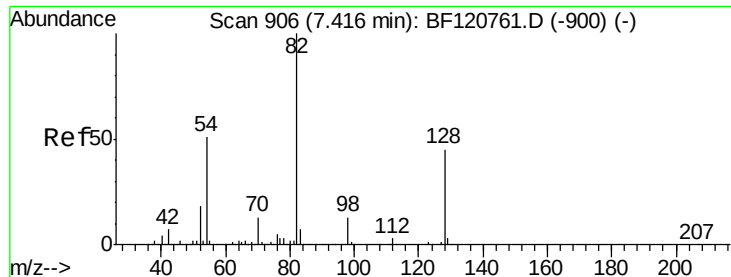
Abundance Ion 136.00 (135.70 to 136.70): E

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

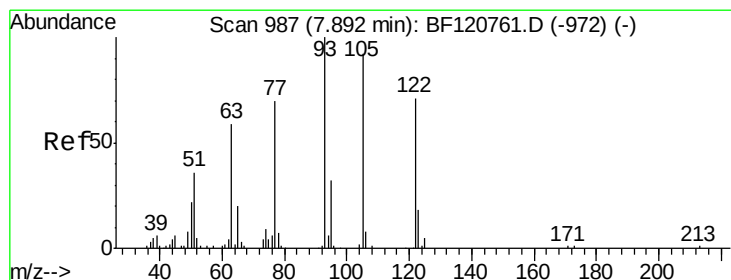
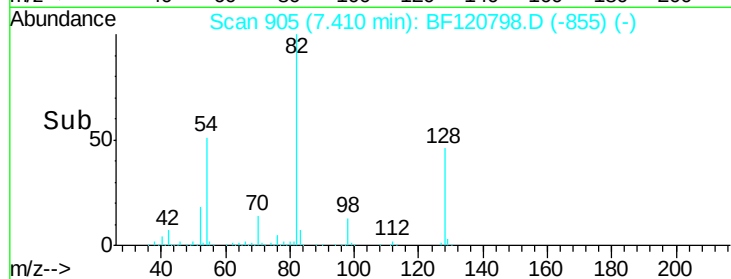
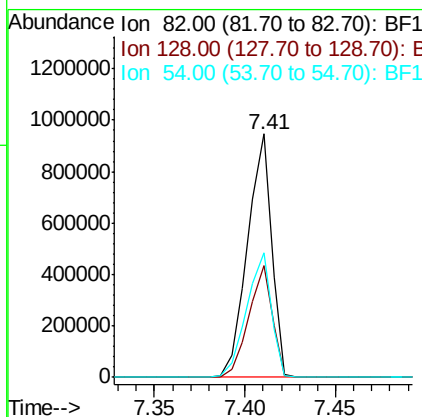
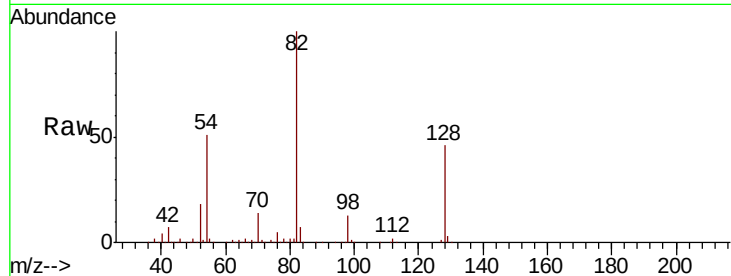




#23  
Nitrobenzene-d5  
Concen: 89.831 ng  
RT: 7.41 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BF120798.D  
Acq: 7 Jul 2020 20:20

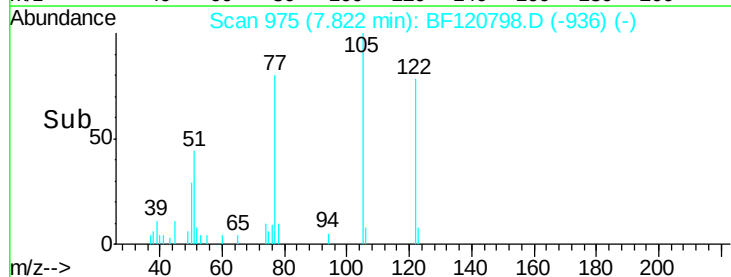
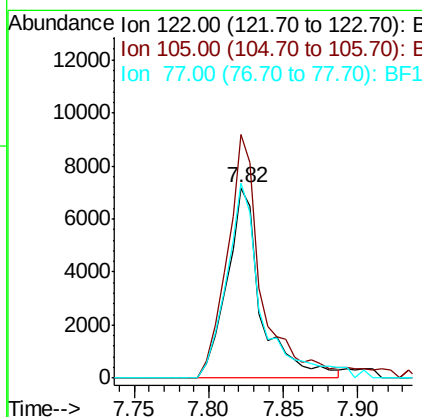
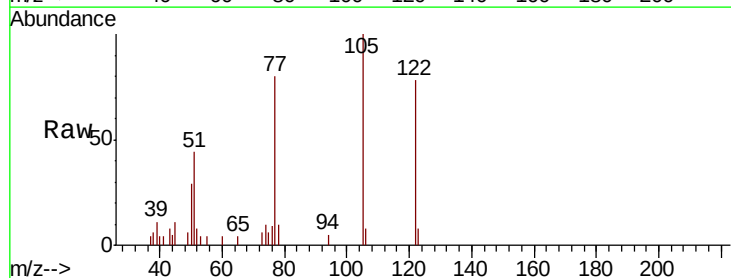
Instrument :  
BNA\_F  
ClientSampleId :  
12013

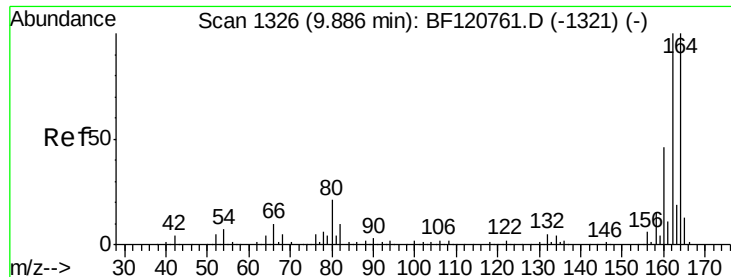
| Tot Ion   | 82    | Resp  | 877483 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 45.8  | 35.7  | 53.5   |
| 54        | 51.2  | 40.9  | 61.3   |



#32  
Benzoic acid  
Concen: 5.997 ng  
RT: 7.82 min Scan# 975  
Delta R.T. -0.07 min  
Lab File: BF120798.D  
Acq: 7 Jul 2020 20:20

| Tgt Ion   | 122   | Resp  | 11557 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 128.1 | 105.8 | 145.8 |
| 77        | 102.4 | 77.3  | 117.3 |

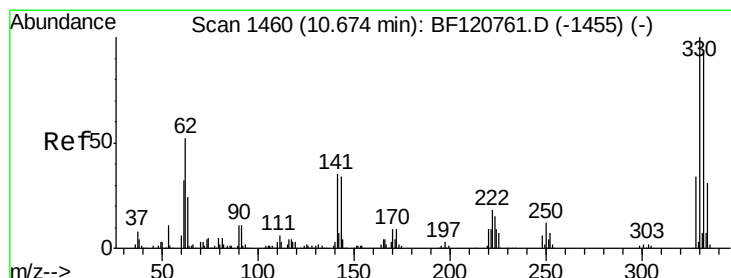
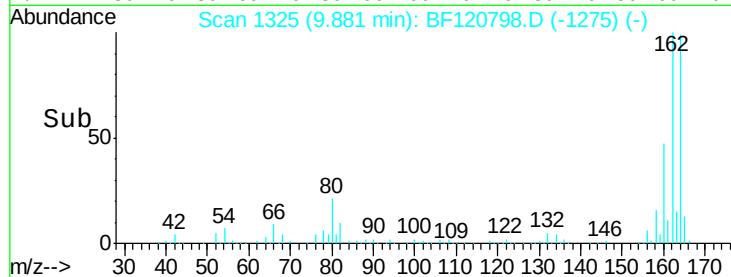
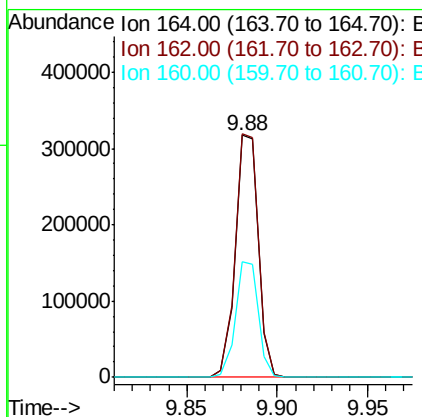
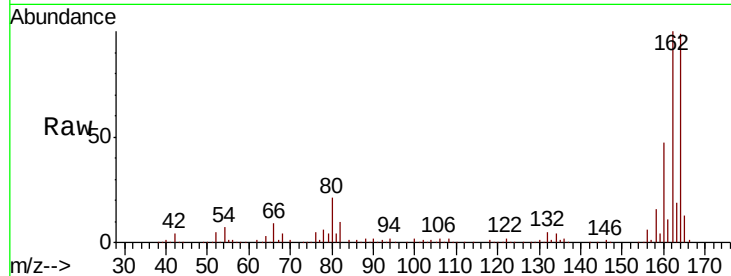




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.88 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BF120798.D  
Acq: 7 Jul 2020 20:20

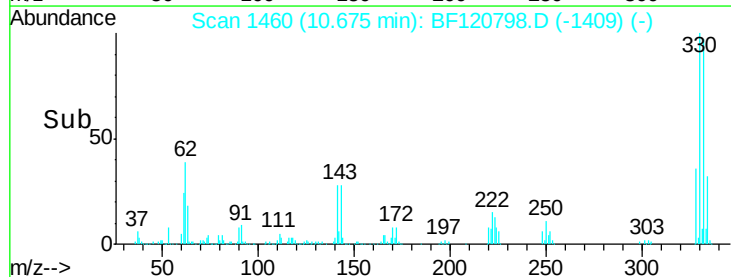
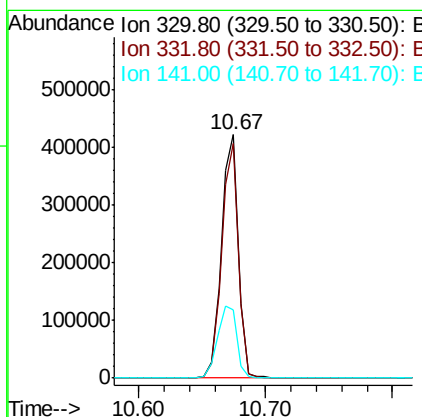
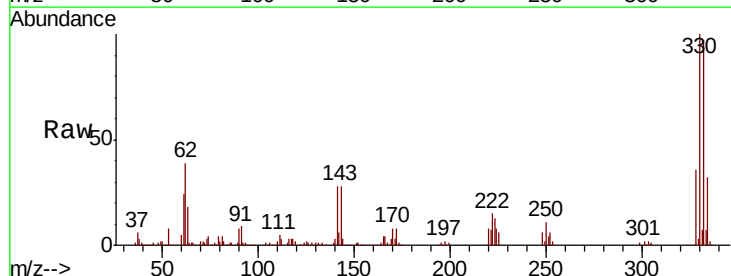
Instrument :  
BNA\_F  
ClientSampleId :  
12013

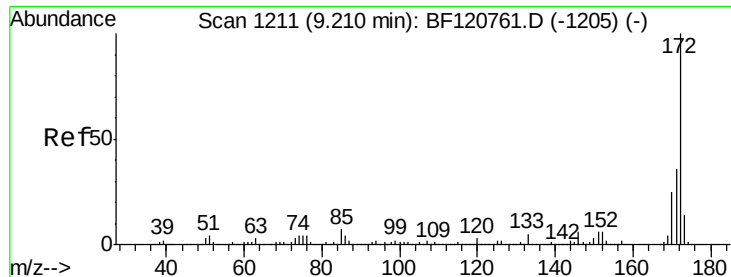
Tot Ion:164 Resp: 280887  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.2 120.2  
160 47.5 36.9 55.3



#42  
2,4,6-Tribromophenol  
Concen: 139.690 ng  
RT: 10.67 min Scan# 1460  
Delta R.T. 0.00 min  
Lab File: BF120798.D  
Acq: 7 Jul 2020 20:20

Tgt Ion:330 Resp: 394194  
Ion Ratio Lower Upper  
330 100  
332 95.2 75.8 113.6  
141 34.2 29.7 44.5

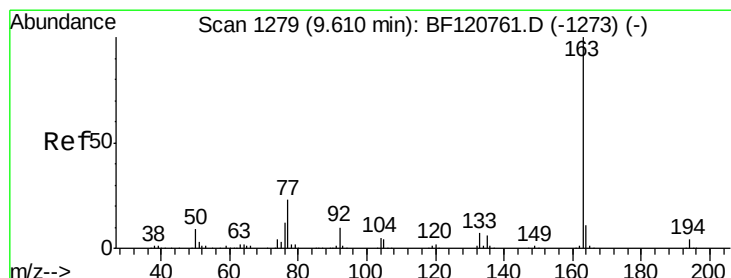
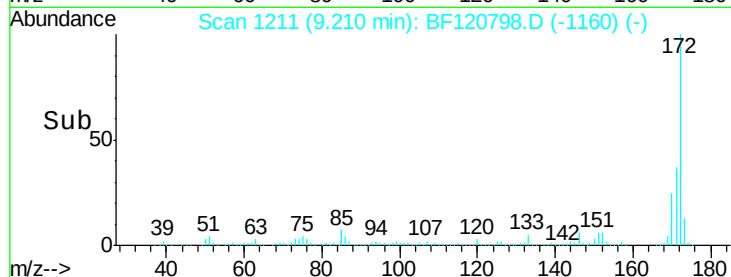
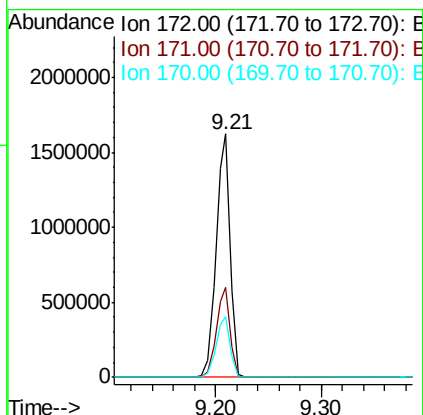
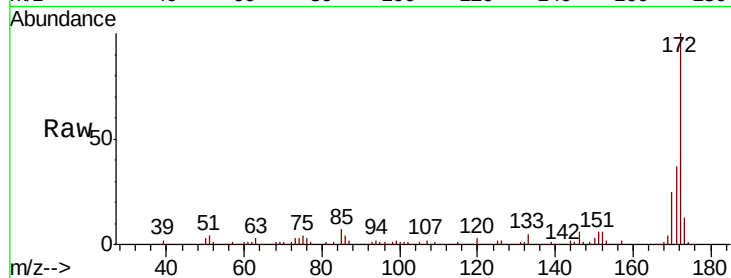




#45  
2-Fluorobiphenyl  
Concen: 82.821 ng  
RT: 9.21 min Scan# 1211  
Delta R.T. 0.00 min  
Lab File: BF120798.D  
Acq: 7 Jul 2020 20:20

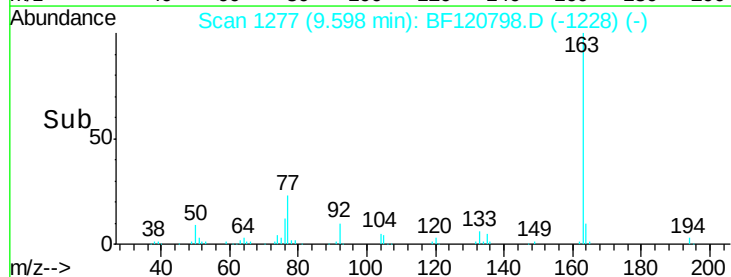
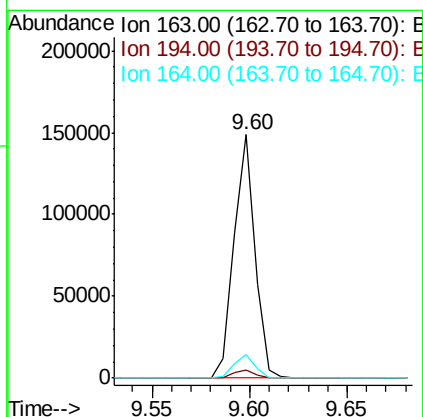
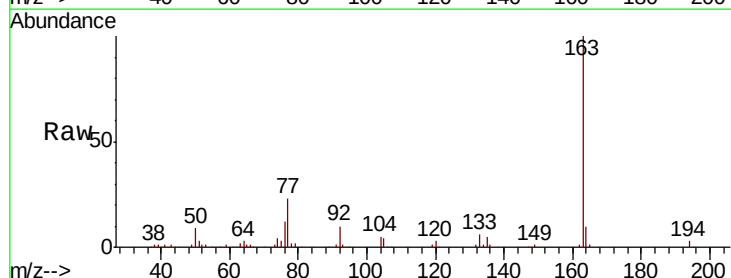
Instrument :  
BNA\_F  
ClientSampleId :  
12013

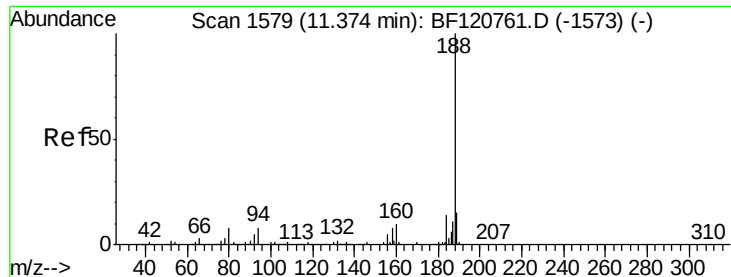
Tot Ion:172 Resp: 1537621  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.1 43.7  
170 25.1 19.8 29.6



#50  
Dimethylphthalate  
Concen: 5.415 ng  
RT: 9.60 min Scan# 1277  
Delta R.T. -0.01 min  
Lab File: BF120798.D  
Acq: 7 Jul 2020 20:20

Tgt Ion:163 Resp: 110953  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.9 4.3  
164 9.5 8.5 12.7

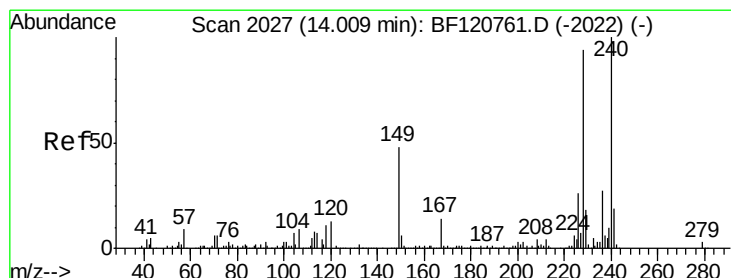
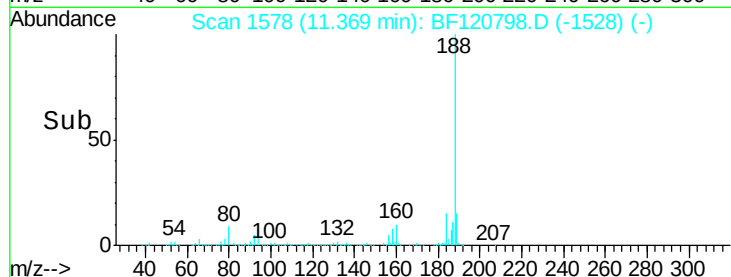
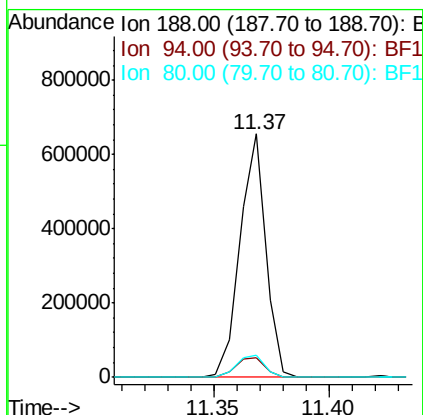
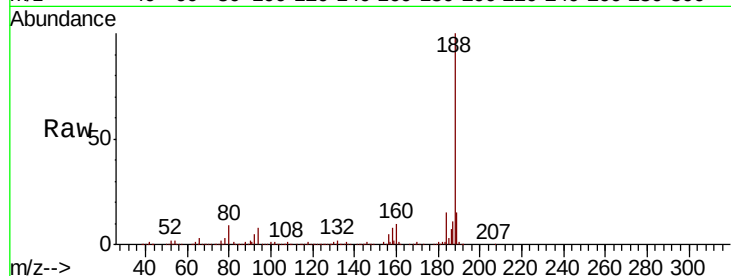




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1578  
Delta R.T. -0.01 min  
Lab File: BF120798.D  
Acq: 7 Jul 2020 20:20

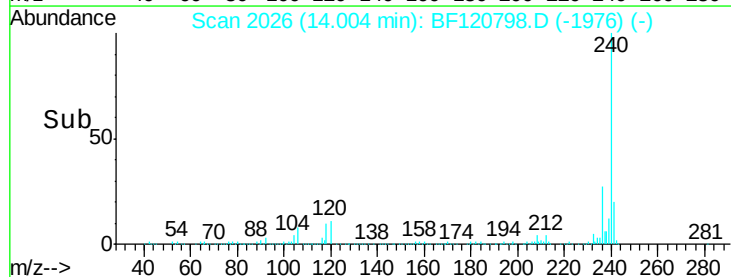
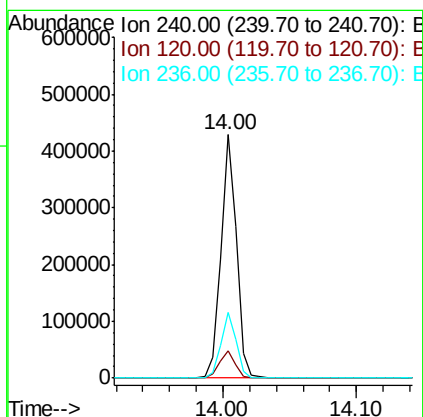
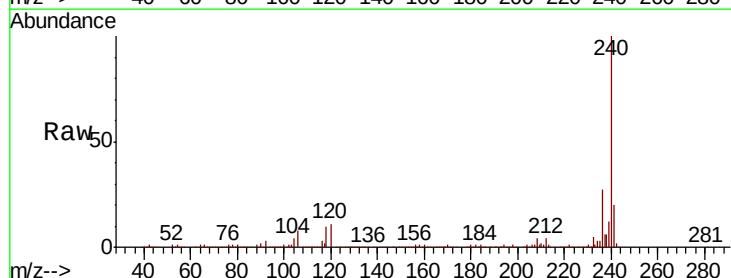
Instrument :  
BNA\_F  
ClientSampleId :  
12013

Tot Ion:188 Resp: 513032  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.6 9.8  
80 9.2 6.6 10.0

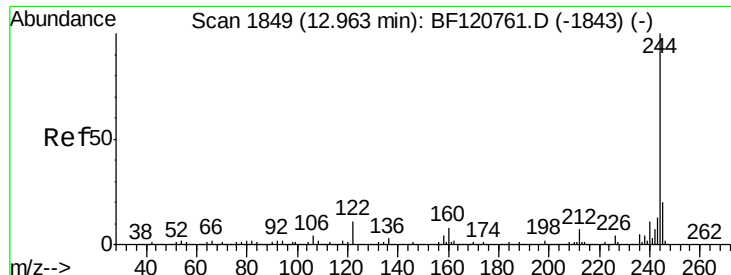


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.00 min Scan# 2026  
Delta R.T. -0.01 min  
Lab File: BF120798.D  
Acq: 7 Jul 2020 20:20

Tgt Ion:240 Resp: 353112  
Ion Ratio Lower Upper  
240 100  
120 11.5 10.3 15.5  
236 27.1 21.4 32.2







#79

Terphenyl-d14

Concen: 105.693 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120798.D

Acq: 7 Jul 2020 20:20

Instrument :

BNA\_F

ClientSampleId :  
12013

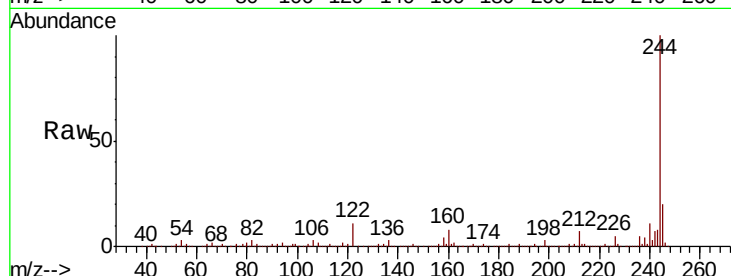
Tot Ion:244 Resp: 1906206

Ion Ratio Lower Upper

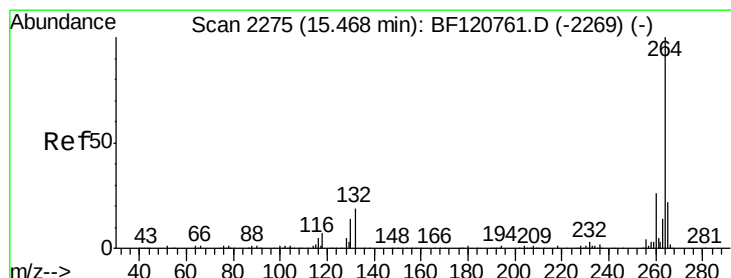
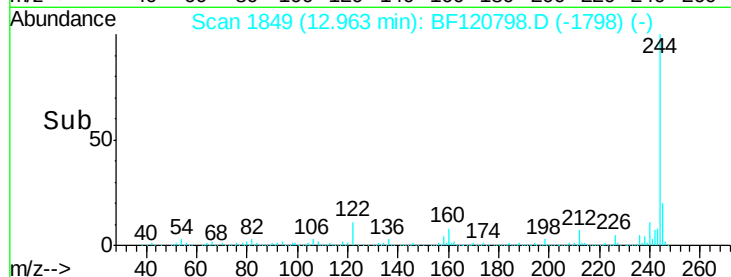
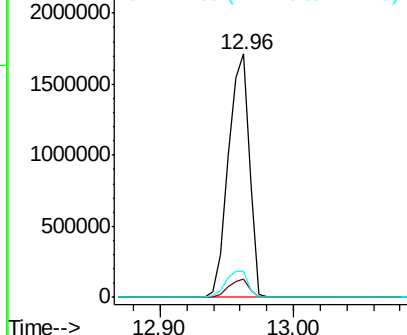
244 100

212 7.4 5.6 8.4

122 10.6 9.0 13.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120798.D

Acq: 7 Jul 2020 20:20

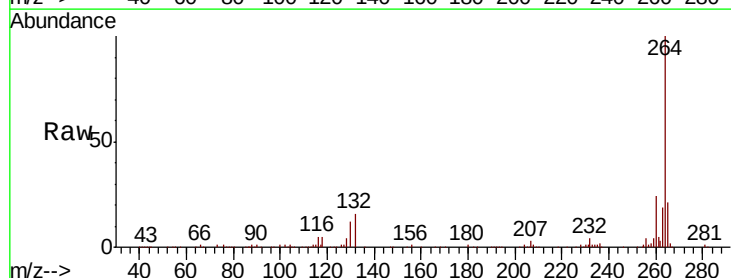
Tgt Ion:264 Resp: 280662

Ion Ratio Lower Upper

264 100

260 24.4 20.6 30.8

265 21.3 17.6 26.4



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

