

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\  
 Data File : BF121566.D  
 Acq On : 14 Sep 2020 18:05  
 Operator : JU/CG  
 Sample : L3869-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-091120

Quant Time: Sep 15 00:58:55 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 10 16:47:54 2020  
 Response via : Initial Calibration

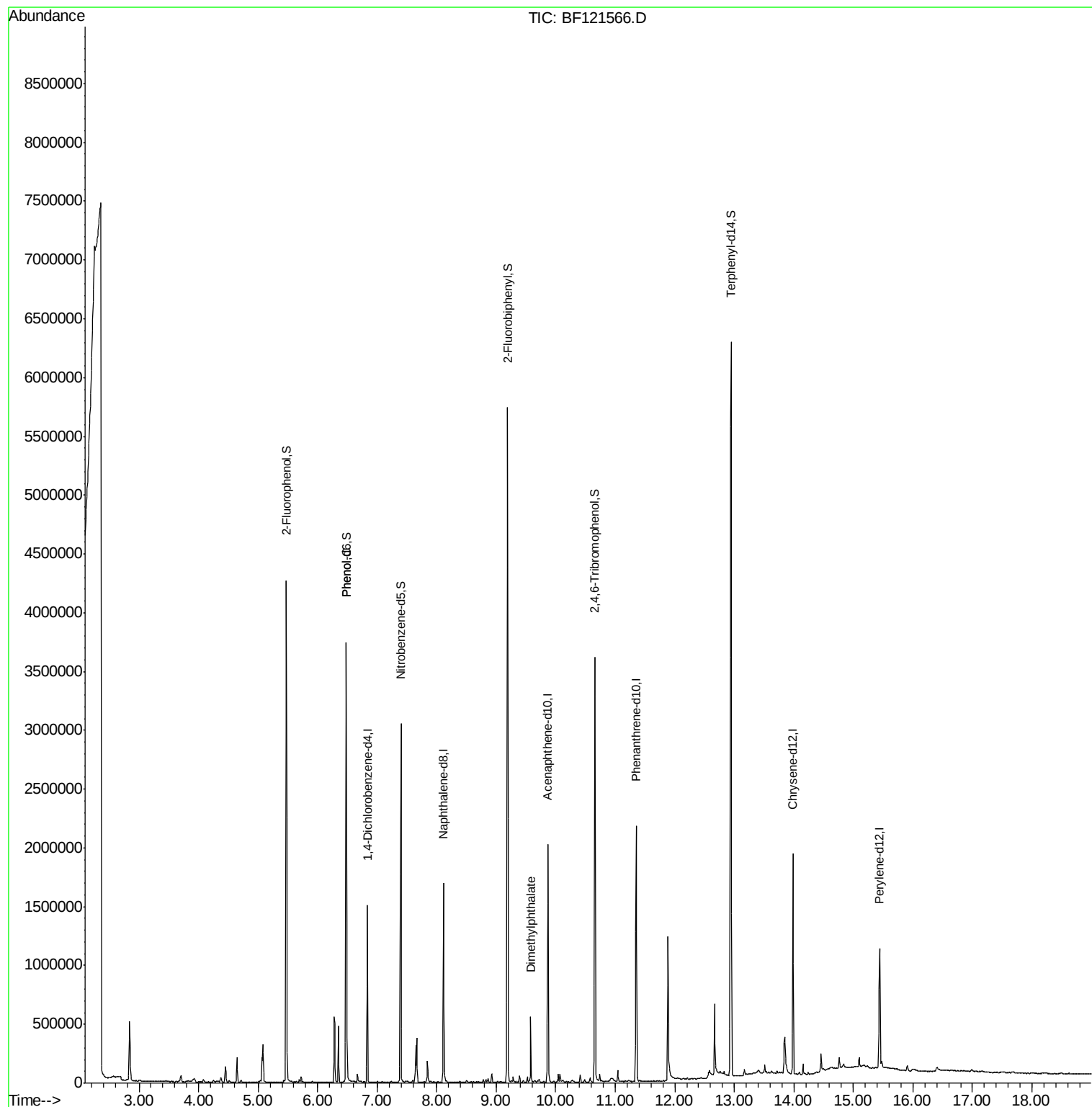
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 189386   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8          | 8.12  | 136  | 745095   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 9.87  | 164  | 387239   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 11.35 | 188  | 735397   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12            | 13.99 | 240  | 590274   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12            | 15.44 | 264  | 456623   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.47  | 112  | 1120074  | 87.89  | ng    | 0.03        |
| 7) Phenol-d6                | 6.48  | 99   | 1304667  | 78.04  | ng    | 0.02        |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 1075418  | 77.50  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 10.66 | 330  | 520335   | 108.11 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 9.19  | 172  | 1824562  | 71.36  | ng    | 0.00        |
| 79) Terphenyl-d14           | 12.95 | 244  | 2222214  | 76.27  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.49  | 94   | 40686    | 2.285  | ng    | Qvalue # 59 |
| 50) Dimethylphthalate       | 9.58  | 163  | 190973   | 6.804  | ng    | 99          |

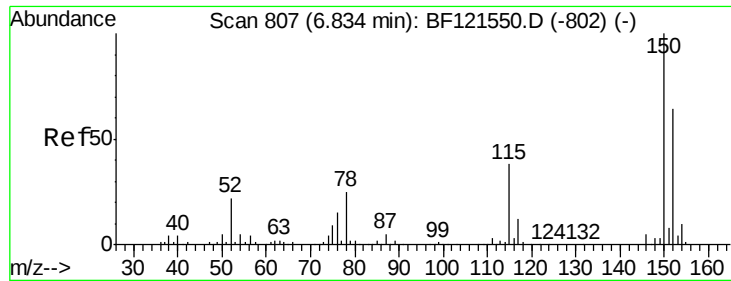
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091420\  
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Sample : L3869-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-091120

Quant Time: Sep 15 00:58:55 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 10 16:47:54 2020  
Response via : Initial Calibration



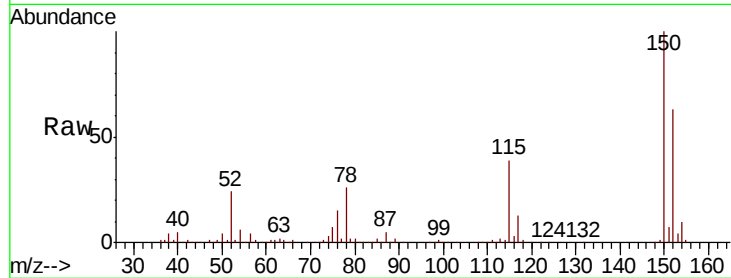


#1

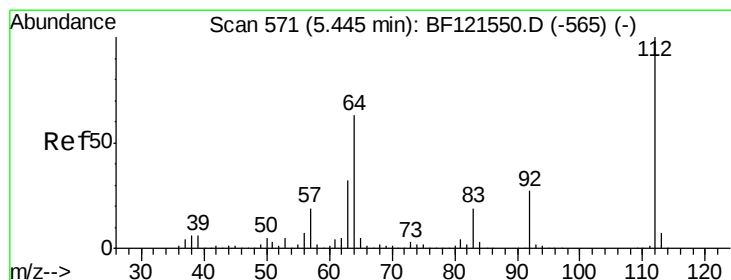
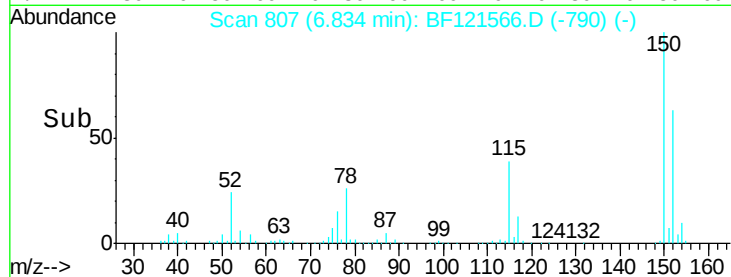
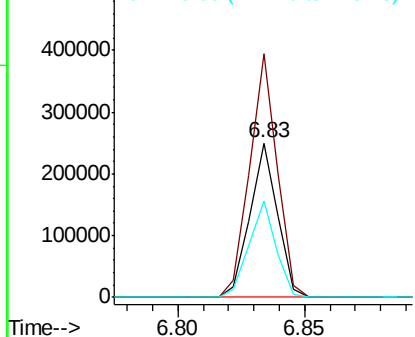
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 807  
Delta R.T. 0.00 min  
Lab File: BF121566.D  
Acq: 14 Sep 2020 18:05

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-091120

Tot Ion:152 Resp: 189386  
Ion Ratio Lower Upper  
152 100  
150 157.9 125.8 188.6  
115 62.3 47.8 71.8



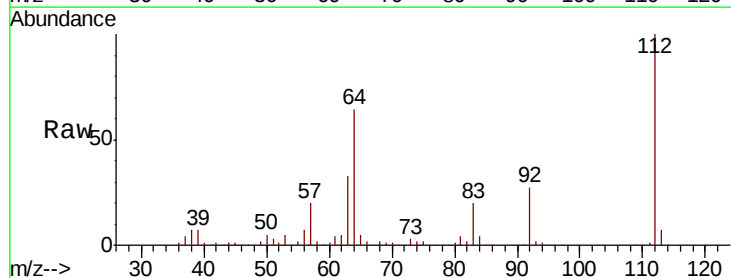
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



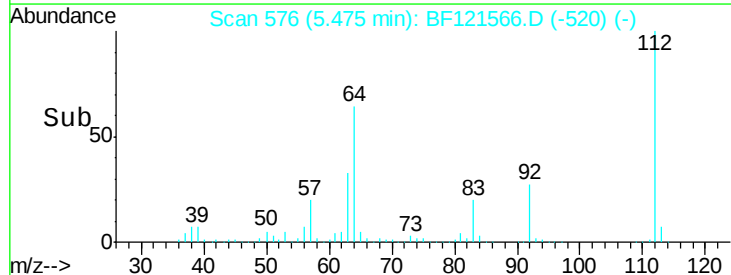
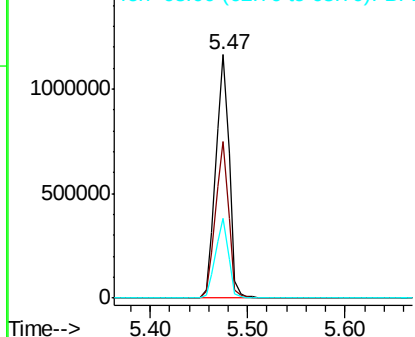
#5

2-Fluorophenol  
Concen: 87.893 ng  
RT: 5.47 min Scan# 576  
Delta R.T. 0.03 min  
Lab File: BF121566.D  
Acq: 14 Sep 2020 18:05

Tgt Ion:112 Resp: 1120074  
Ion Ratio Lower Upper  
112 100  
64 64.2 50.3 75.5  
63 32.8 25.6 38.4



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: 78.036 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF121566.D

Acq: 14 Sep 2020 18:05

Instrument :

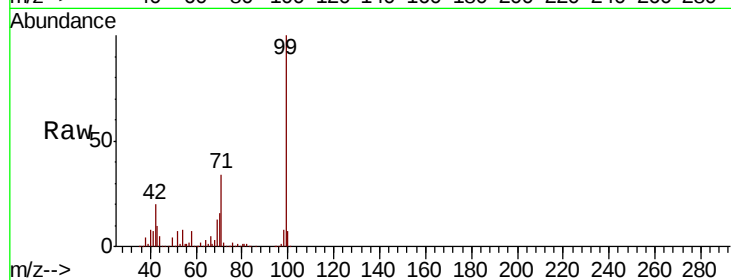
BNA\_F

ClientSampleId :

OR-03-091120

Tot Ion: 99 Resp: 1304667

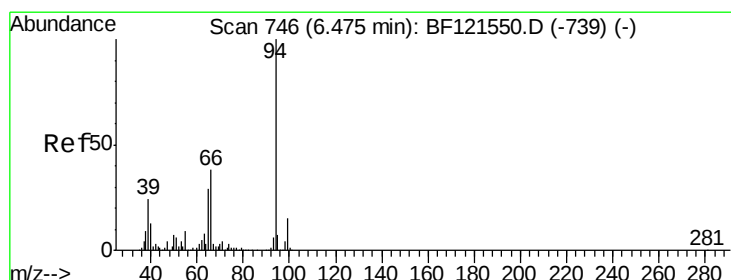
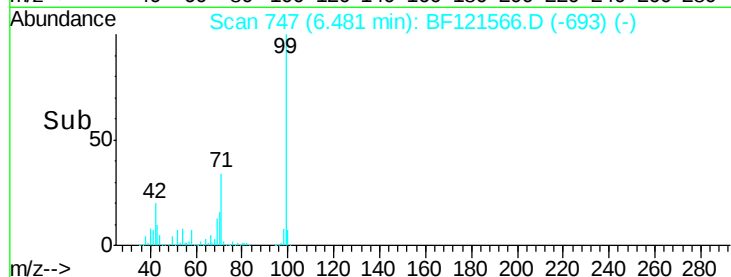
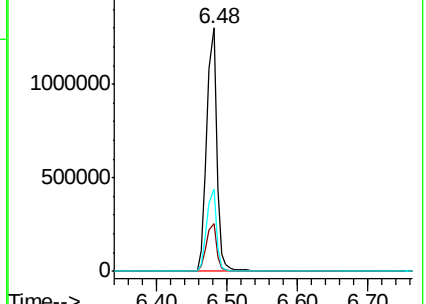
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.8  | 15.5  | 23.3  |
| 71  | 33.6  | 26.1  | 39.1  |



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



#10

Phenol

Concen: 2.285 ng

RT: 6.49 min Scan# 748

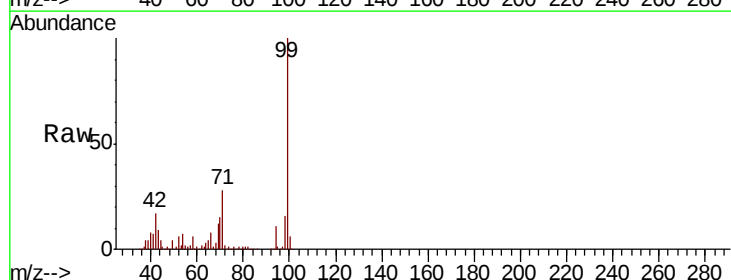
Delta R.T. 0.01 min

Lab File: BF121566.D

Acq: 14 Sep 2020 18:05

Tgt Ion: 94 Resp: 40686

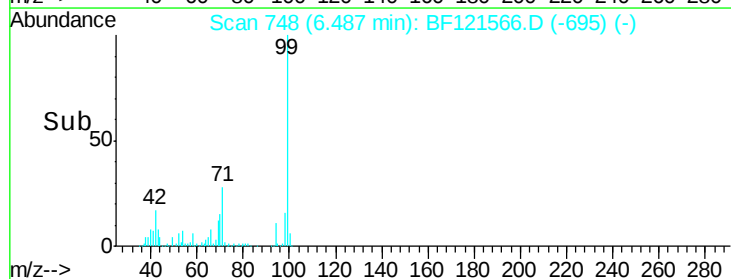
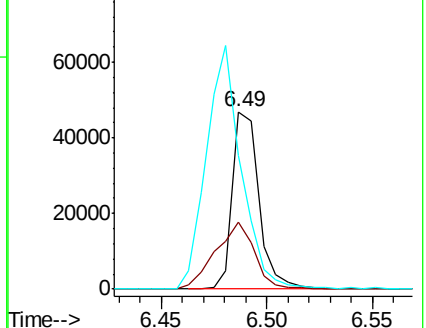
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 37.4  | 9.4   | 49.4  |
| 66  | 75.0  | 18.3  | 58.3  |

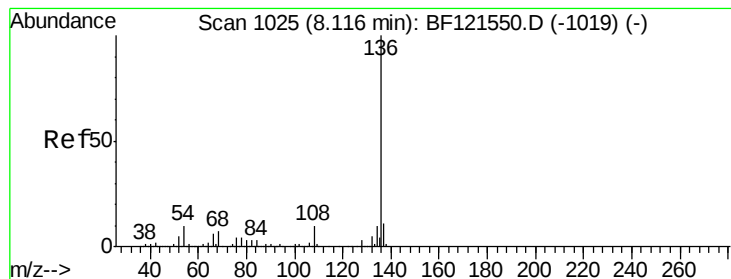


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF121566.D

Acq: 14 Sep 2020 18:05

Instrument :

BNA\_F

ClientSampleId :

OR-03-091120

Tot Ion:136 Resp: 745095

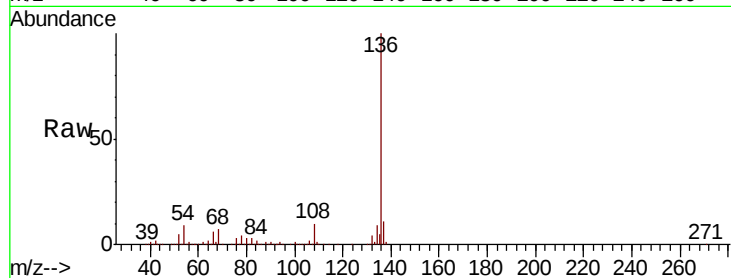
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 9.0 7.6 11.4

68 6.9 5.7 8.5

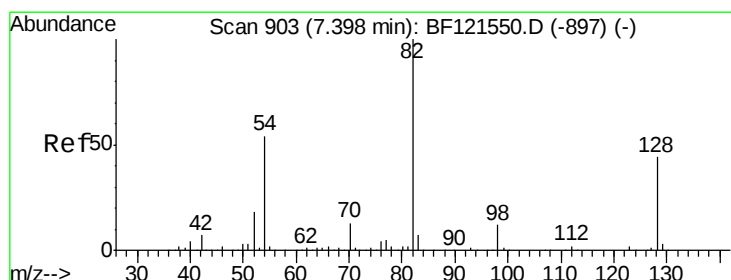
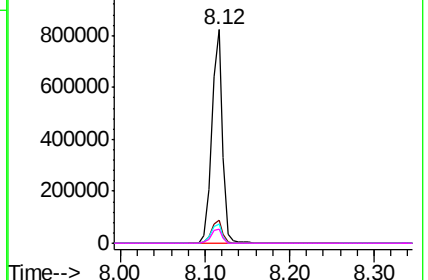
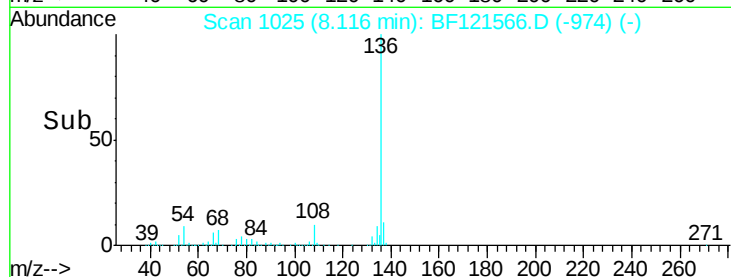


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.495 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF121566.D

Acq: 14 Sep 2020 18:05

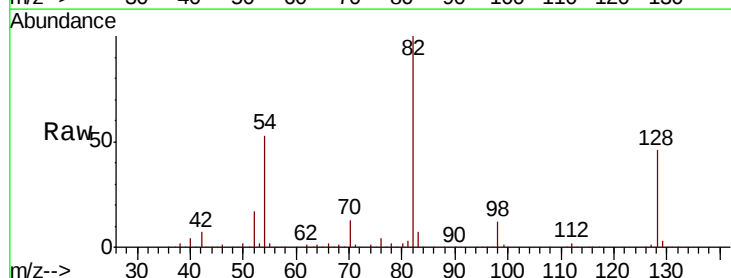
Tgt Ion: 82 Resp: 1075418

Ion Ratio Lower Upper

82 100

128 45.6 35.1 52.7

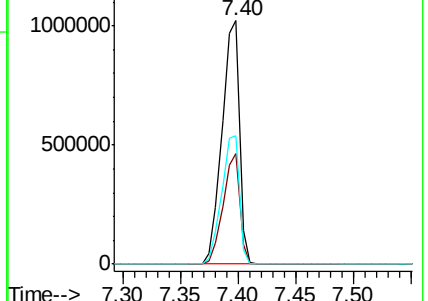
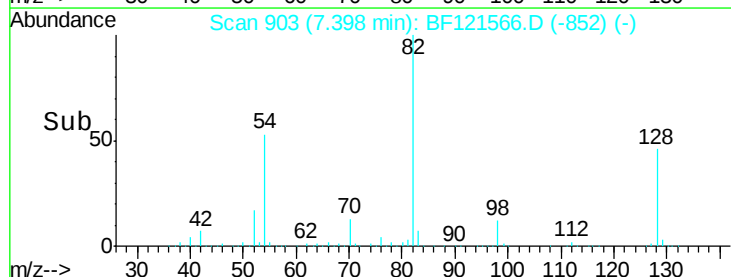
54 52.7 43.0 64.6

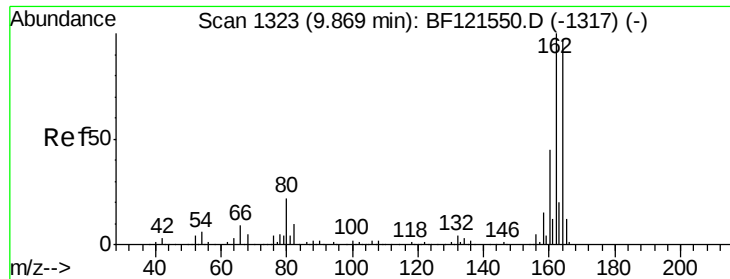


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

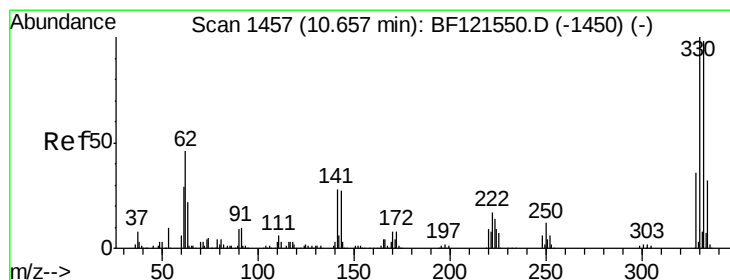
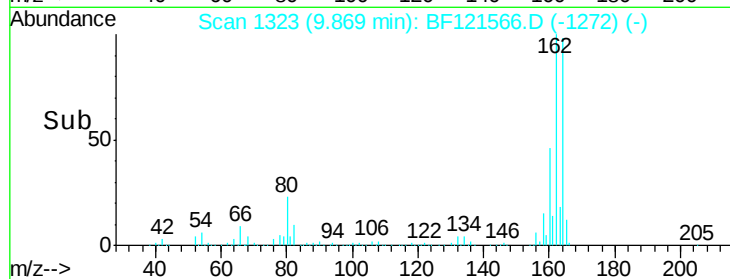
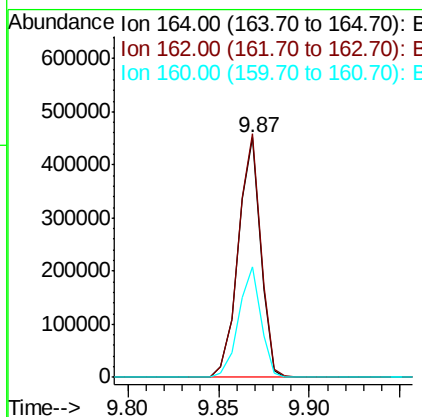
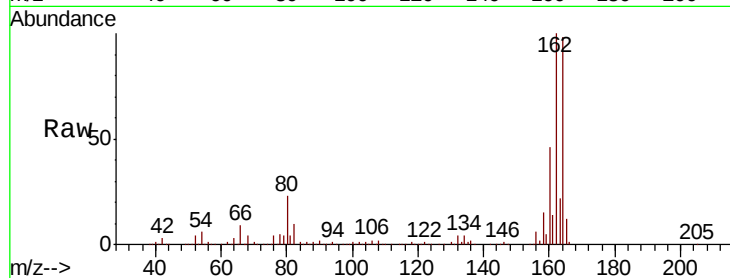




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.87 min Scan# 1323  
 Delta R.T. 0.00 min  
 Lab File: BF121566.D  
 Acq: 14 Sep 2020 18:05

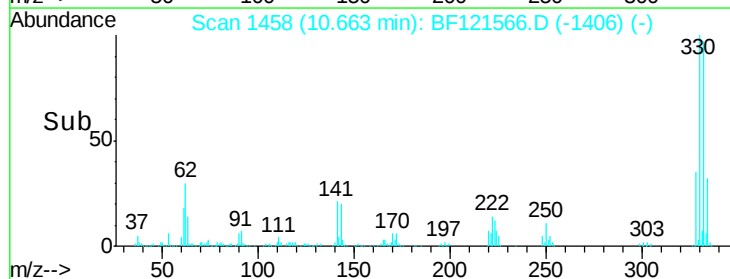
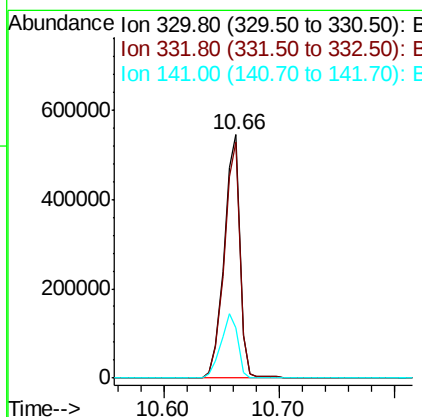
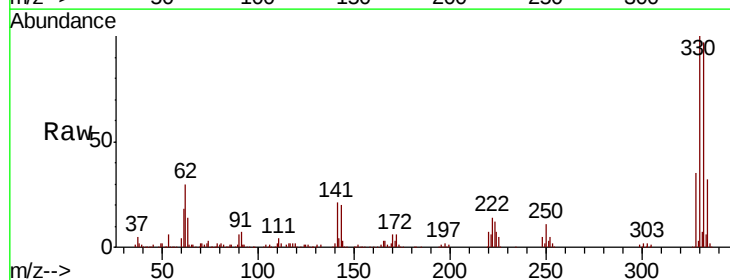
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-03-091120

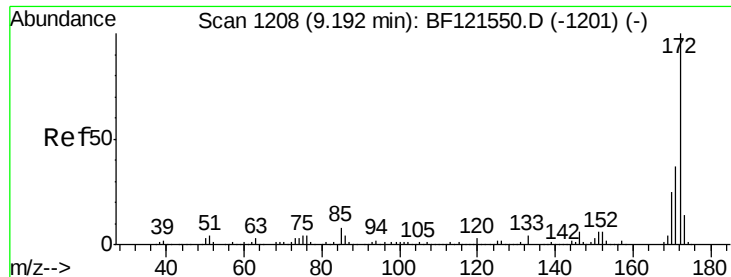
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.6 | 82.3  | 123.5 |
| 160     | 46.3  | 37.0  | 55.4  |



#42  
 2,4,6-Tribromophenol  
 Concen: 108.113 ng  
 RT: 10.66 min Scan# 1458  
 Delta R.T. 0.01 min  
 Lab File: BF121566.D  
 Acq: 14 Sep 2020 18:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.6  | 77.1  | 115.7 |
| 141     | 28.5  | 23.6  | 35.4  |



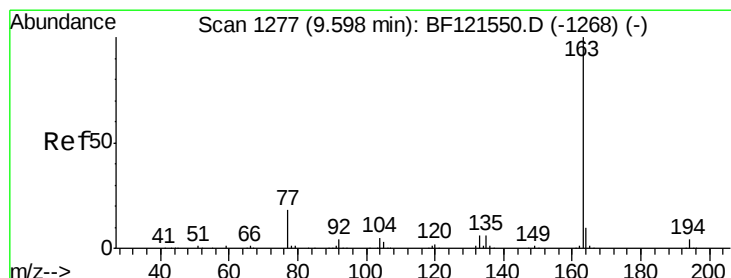
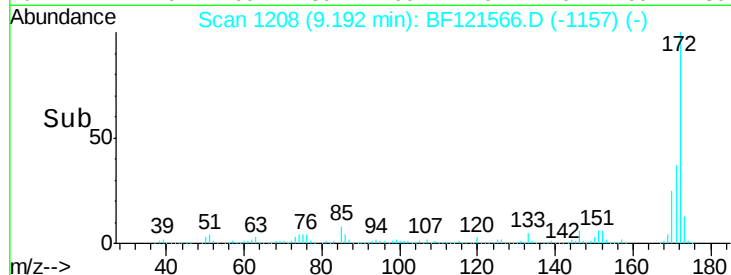
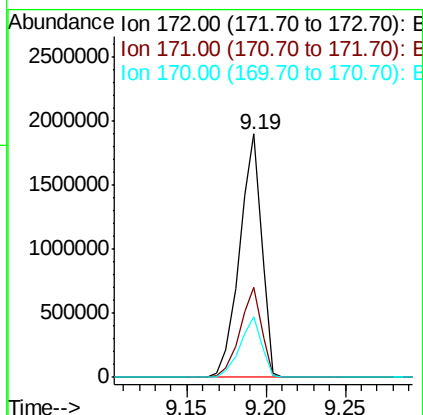
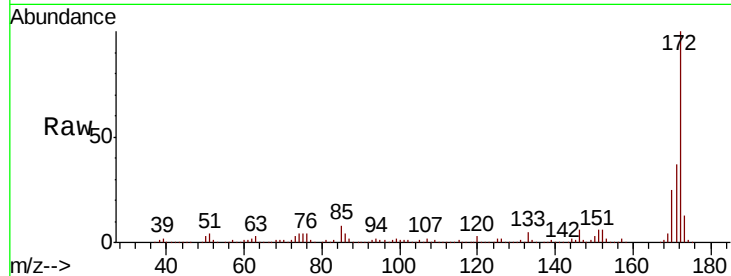


#45  
2-Fluorobiphenyl  
Concen: 71.360 ng  
RT: 9.19 min Scan# 1208  
Delta R.T. 0.00 min  
Lab File: BF121566.D  
Acq: 14 Sep 2020 18:05

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-091120

Tot Ion:172 Resp: 1824562

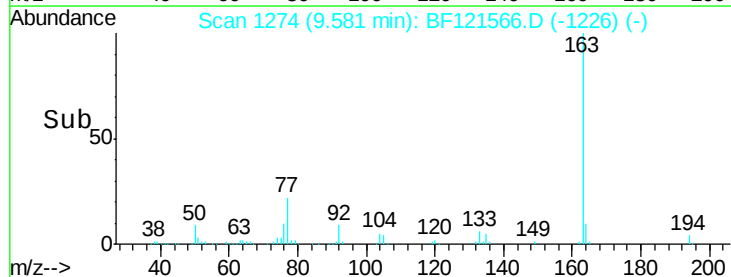
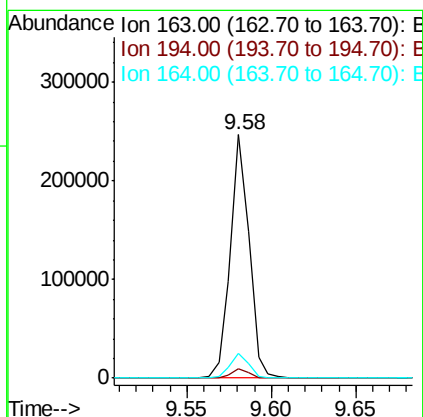
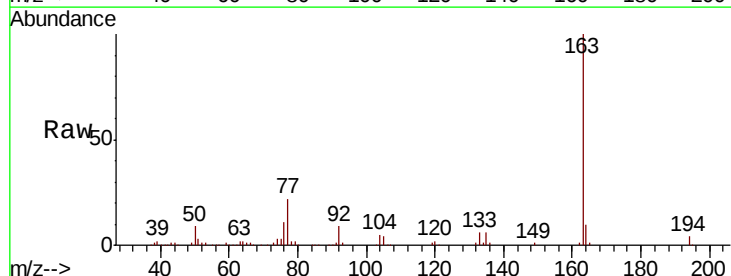
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.0  | 29.8  | 44.6  |
| 170 | 25.0  | 19.8  | 29.8  |

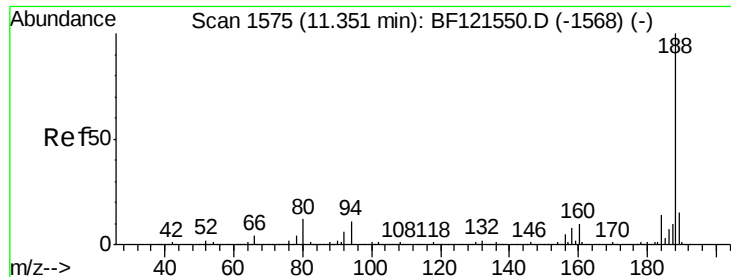


#50  
Dimethylphthalate  
Concen: 6.804 ng  
RT: 9.58 min Scan# 1274  
Delta R.T. -0.02 min  
Lab File: BF121566.D  
Acq: 14 Sep 2020 18:05

Tgt Ion:163 Resp: 190973

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 3.4   | 5.0   |
| 164 | 10.3  | 7.9   | 11.9  |

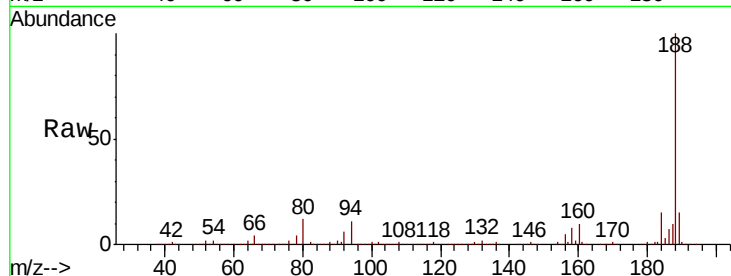




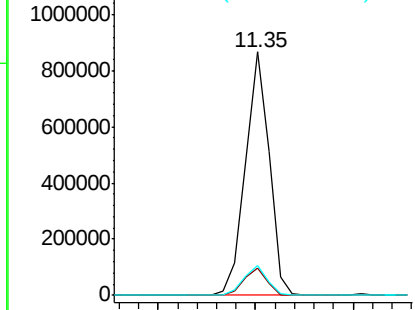
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.35 min Scan# 1575  
Delta R.T. 0.00 min  
Lab File: BF121566.D  
Acq: 14 Sep 2020 18:05

Instrument :  
BNA\_F  
ClientSampleId :  
OR-03-091120

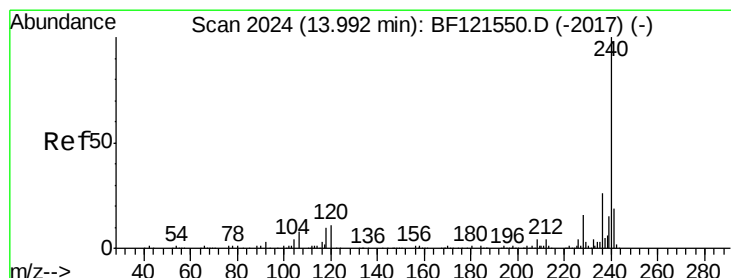
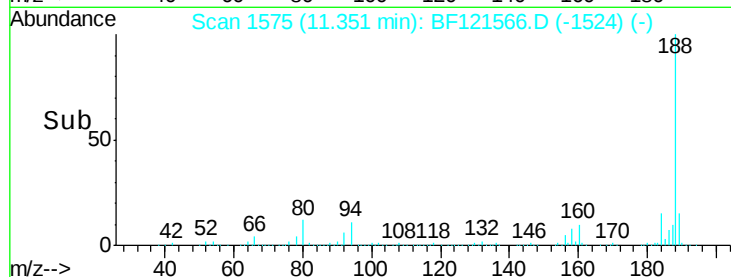
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.3  | 8.7   | 13.1  |
| 80      | 12.2  | 9.3   | 13.9  |



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

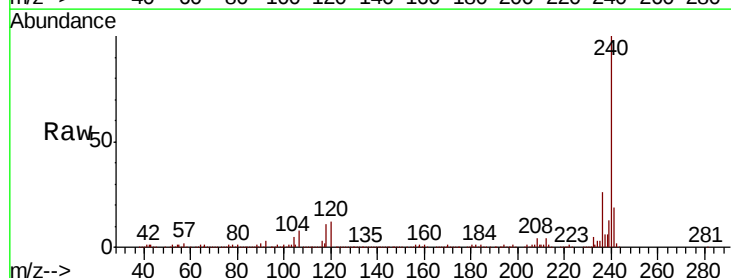


Time-->

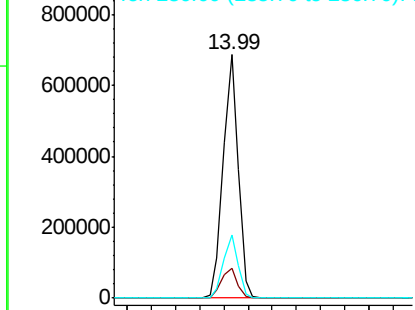


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. -0.01 min  
Lab File: BF121566.D  
Acq: 14 Sep 2020 18:05

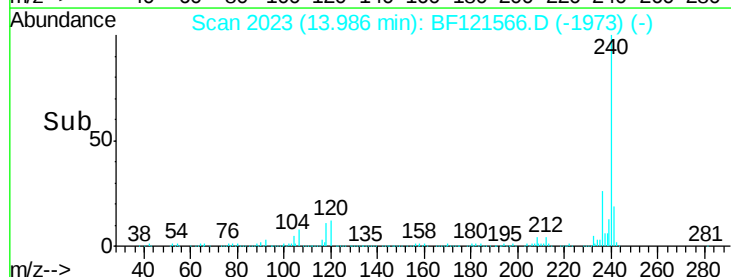
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 12.0  | 9.2   | 13.8  |
| 236     | 25.9  | 20.5  | 30.7  |

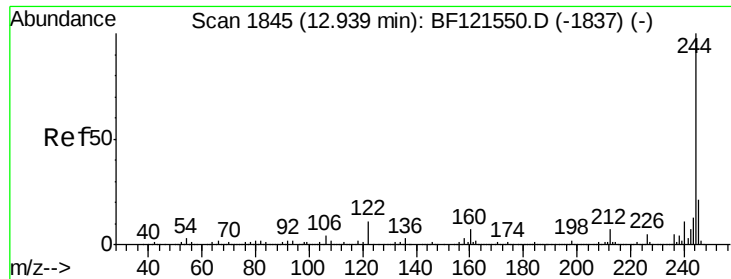


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 76.269 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF121566.D

Acq: 14 Sep 2020 18:05

Instrument :

BNA\_F

ClientSampleId :

OR-03-091120

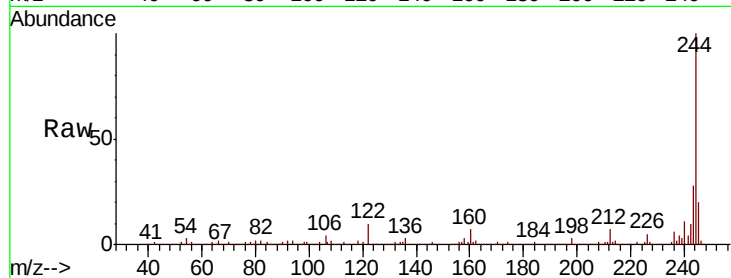
Tot Ion:244 Resp: 2222214

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

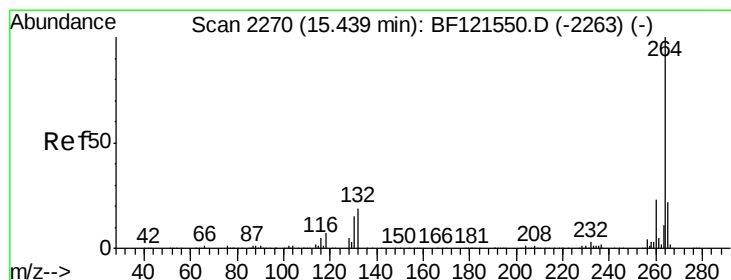
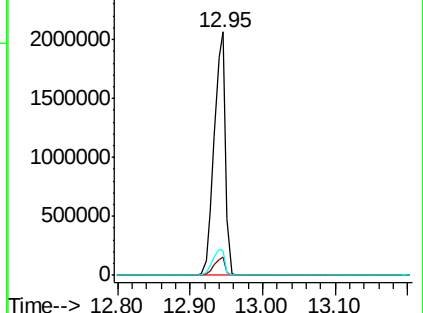
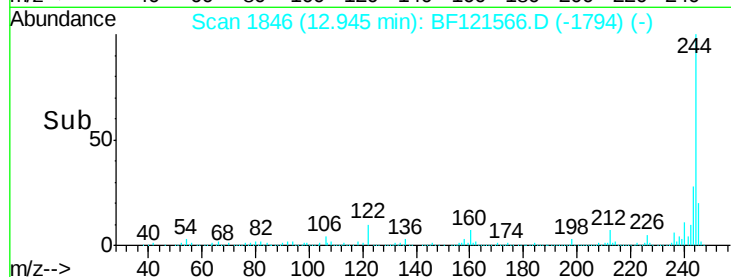
122 10.3 8.7 13.1



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF121566.D

Acq: 14 Sep 2020 18:05

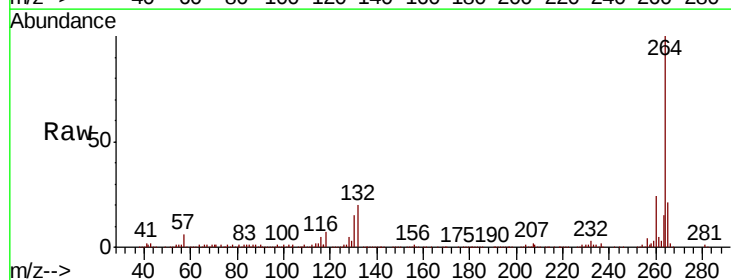
Tgt Ion:264 Resp: 456623

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.3 17.8 26.6



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

