

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\  
 Data File : BM026645.D  
 Acq On : 01 Jul 2020 20:12  
 Operator : JU/CG  
 Sample : L3153-08RE  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP1-CRE

Quant Time: Jul 02 01:12:50 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 01 13:20:43 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.35  | 152  | 79332    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.11 | 136  | 297304   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.01 | 164  | 181925   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.77 | 188  | 400501   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 20.99 | 240  | 401168   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.06 | 264  | 406863   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 4.99  | 112  | 688044   | 153.34 | ng    | 0.00     |
| 7) Phenol-d6                | 6.56  | 99   | 820944   | 126.35 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.50  | 82   | 799300   | 132.00 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.52 | 330  | 459020   | 208.29 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.62 | 172  | 1606189  | 134.02 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.43 | 244  | 2927747  | 141.67 | ng    | 0.00     |

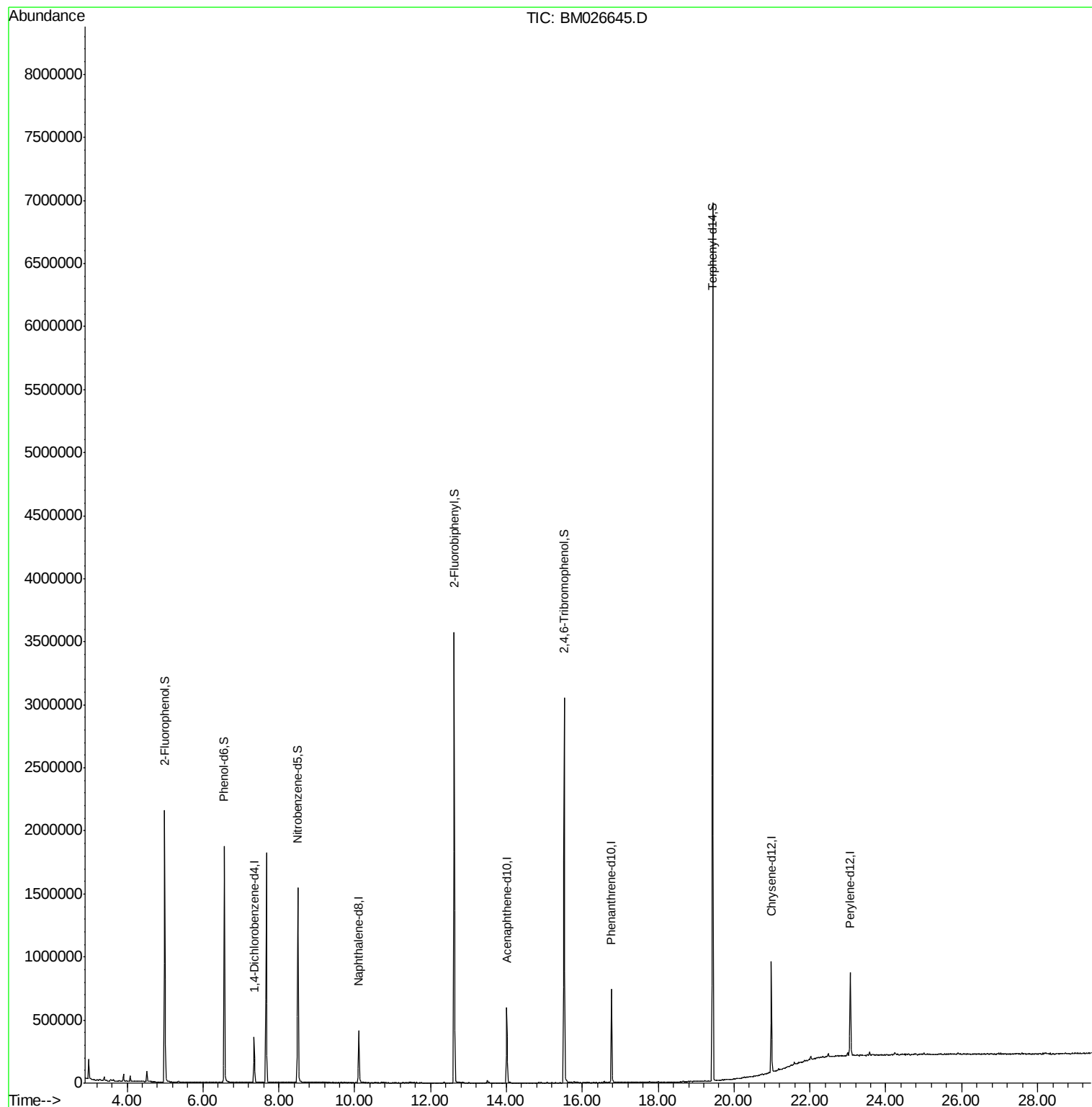
Target Compounds Qvalue

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

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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
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QLast Update : Wed Jul 01 13:20:43 2020  
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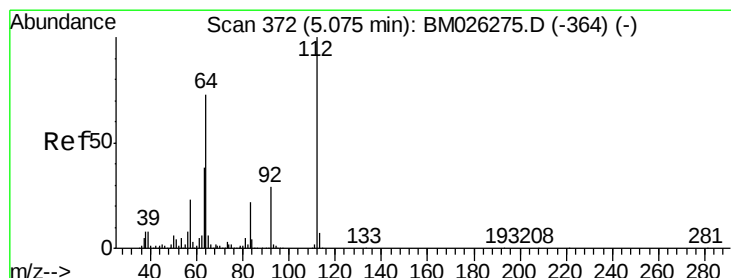
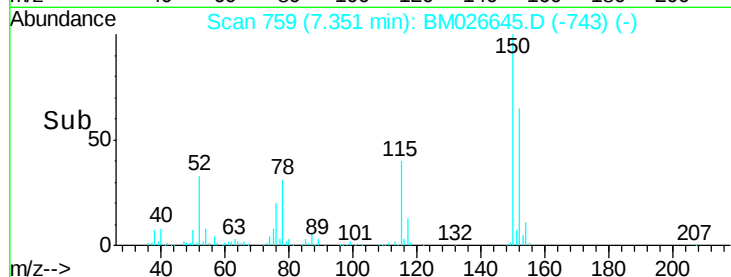
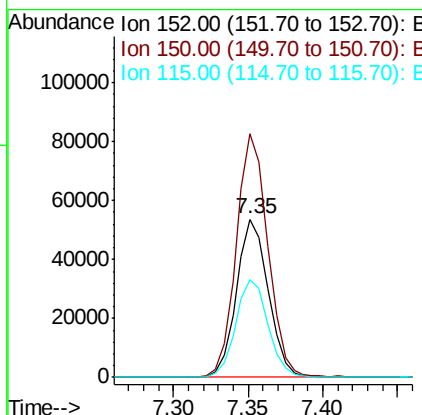
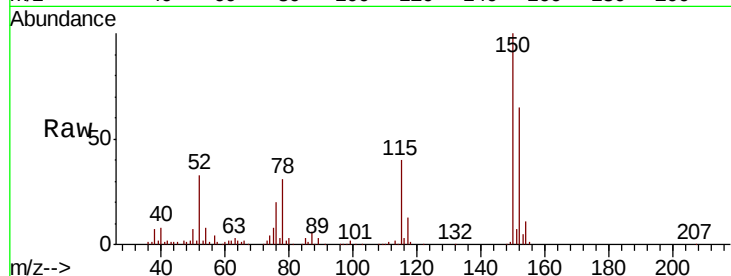


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.35 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: BM026645.D  
Acq: 01 Jul 2020 20:12

Instrument :  
BNA\_M  
ClientSampleId :  
SP1-CRE

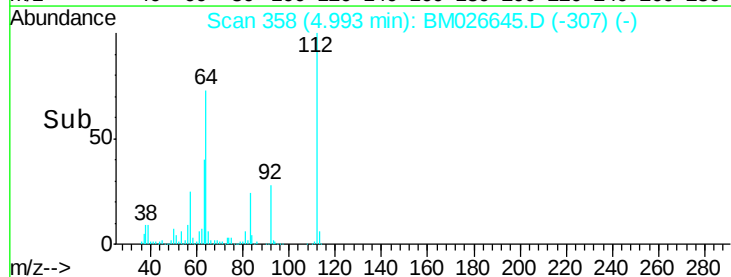
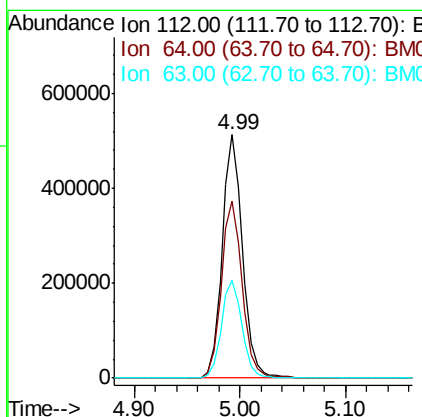
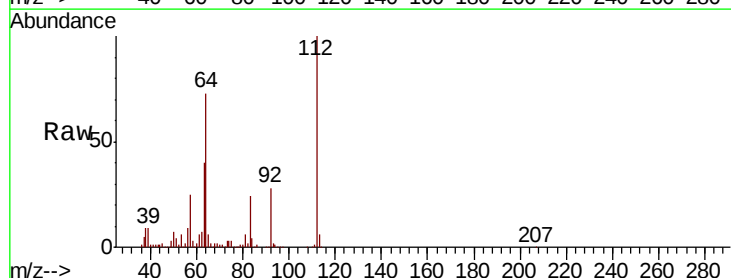
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.2 | 127.8 | 191.6 |
| 115     | 61.7  | 51.5  | 77.3  |

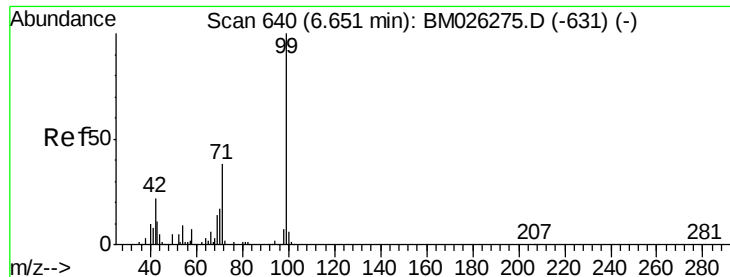


#5

2-Fluorophenol  
Concen: 153.341 ng  
RT: 4.99 min Scan# 358  
Delta R.T. 0.00 min  
Lab File: BM026645.D  
Acq: 01 Jul 2020 20:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 72.8  | 56.0  | 84.0  |
| 63      | 40.0  | 29.0  | 43.6  |





#7

Phenol-d6

Concen: 126.349 ng

RT: 6.56 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM026645.D

Acq: 01 Jul 2020 20:12

Instrument :

BNA\_M

ClientSampleId :

SP1-CRE

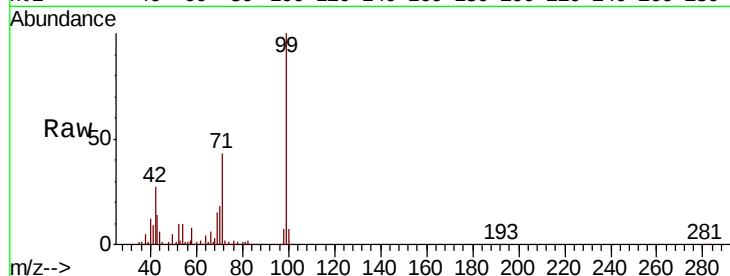
Tot Ion: 99 Resp: 820944

Ion Ratio Lower Upper

99 100

42 26.6 17.8 26.6#

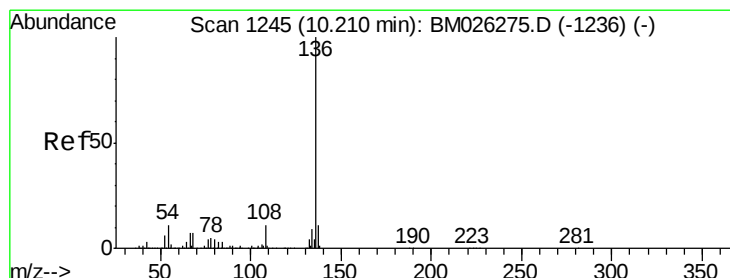
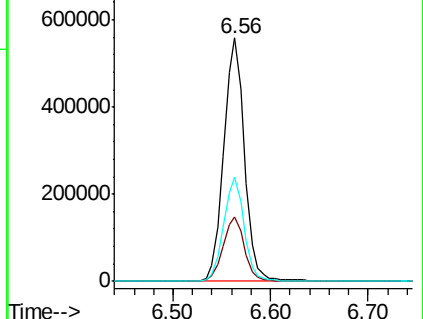
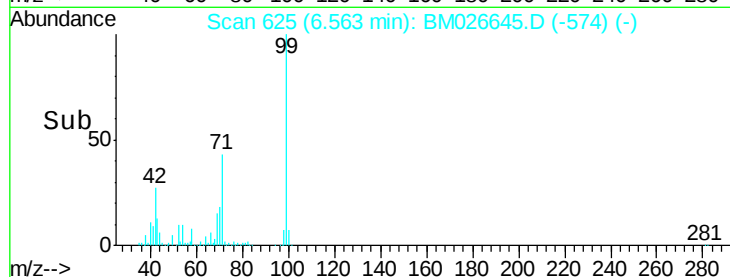
71 42.8 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026645.D (-574) (-)

Ion 42.00 (41.70 to 42.70): BM026645.D (-574) (-)

Ion 71.00 (70.70 to 71.70): BM026645.D (-574) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.11 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BM026645.D

Acq: 01 Jul 2020 20:12

Tgt Ion: 136 Resp: 297304

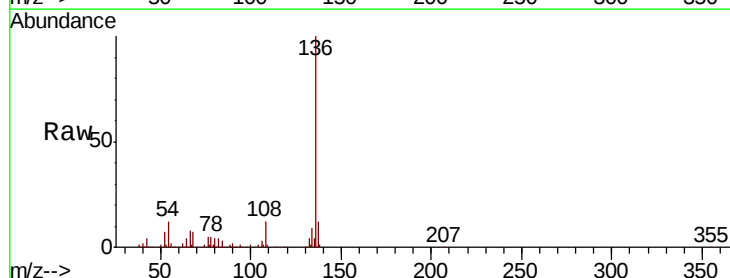
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 12.0 9.0 13.6

68 7.1 5.6 8.4

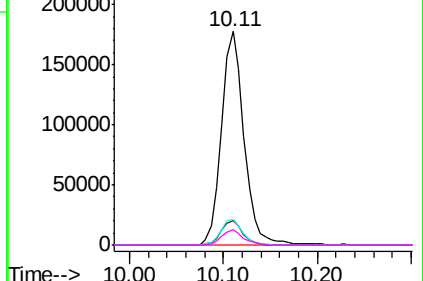
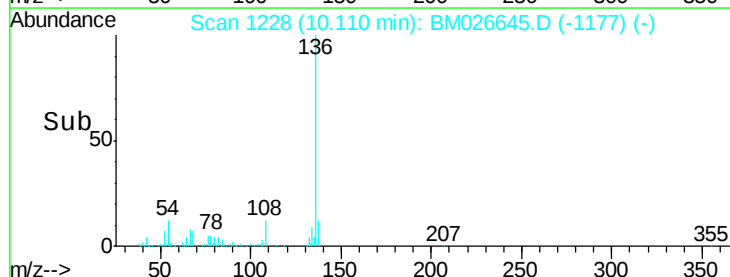


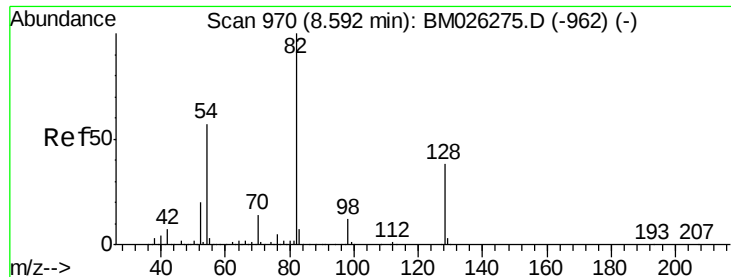
Abundance Ion 136.00 (135.70 to 136.70): BM026645.D (-1177) (-)

Ion 137.00 (136.70 to 137.70): BM026645.D (-1177) (-)

Ion 54.00 (53.70 to 54.70): BM026645.D (-1177) (-)

Ion 68.00 (67.70 to 68.70): BM026645.D (-1177) (-)

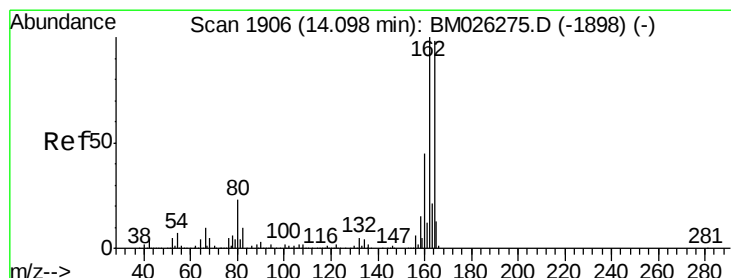
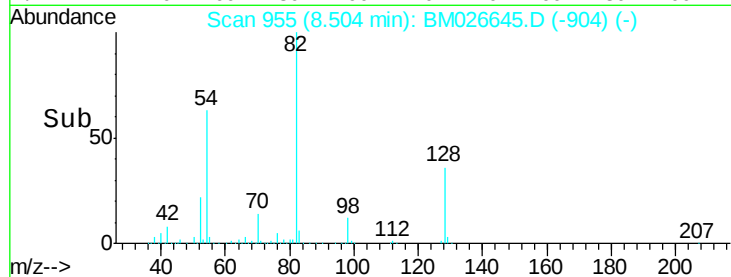
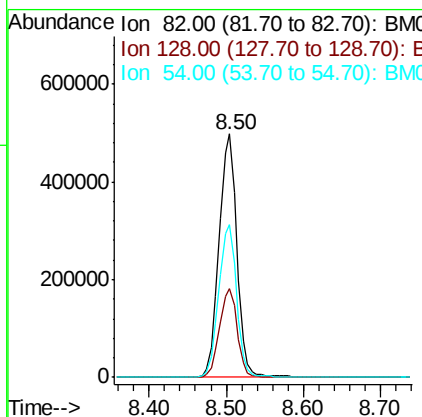
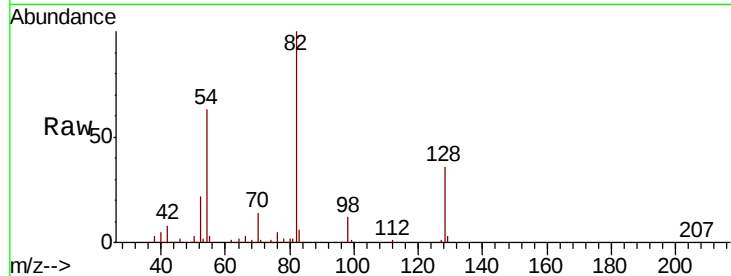




#23  
 Nitrobenzene-d5  
 Concen: 132.004 ng  
 RT: 8.50 min Scan# 955  
 Delta R.T. 0.00 min  
 Lab File: BM026645.D  
 Acq: 01 Jul 2020 20:12

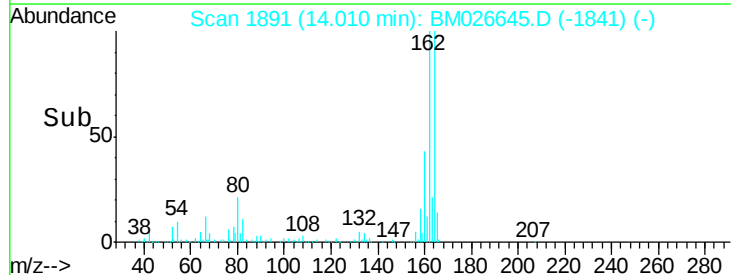
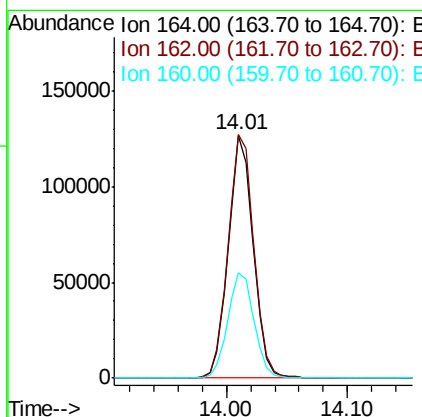
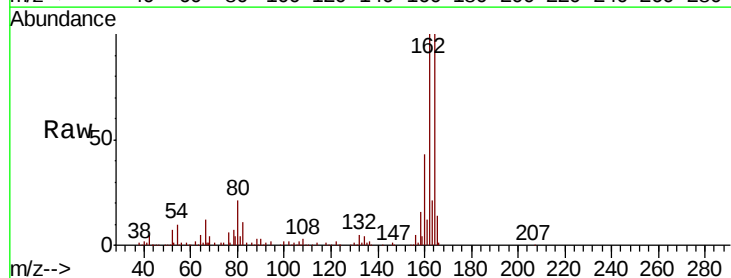
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP1-CRE

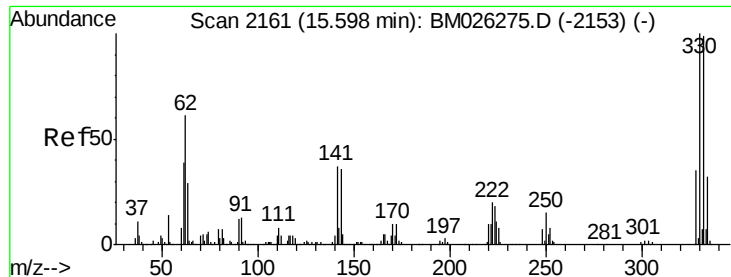
| Tot Ion   | 82    | Resp  | 799300 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 36.2  | 31.0  | 46.6   |
| 54        | 62.5  | 45.4  | 68.2   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.01 min Scan# 1891  
 Delta R.T. -0.01 min  
 Lab File: BM026645.D  
 Acq: 01 Jul 2020 20:12

| Tgt Ion   | 164   | Resp  | 181925 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 100.3 | 77.7  | 116.5  |
| 160       | 43.2  | 34.2  | 51.2   |

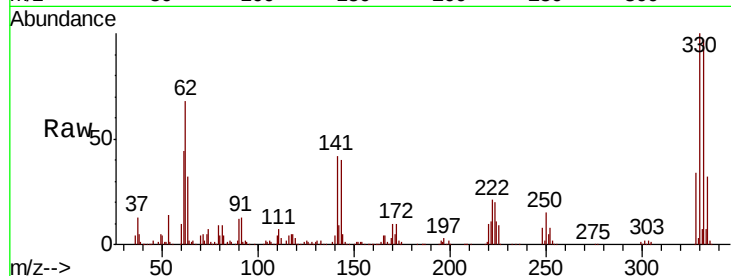




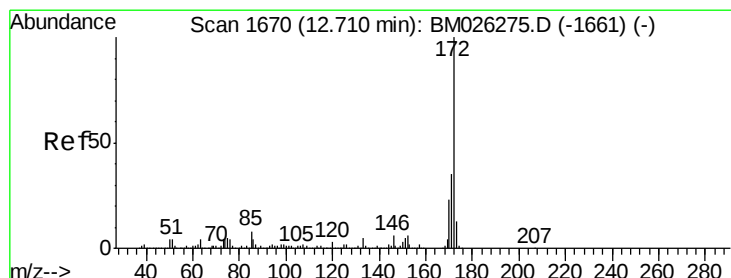
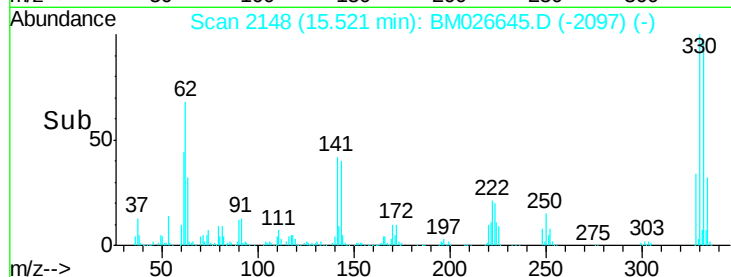
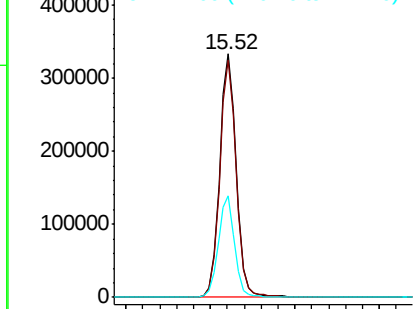
#42  
 2,4,6-Tribromophenol  
 Concen: 208.290 ng  
 RT: 15.52 min Scan# 2148  
 Delta R.T. 0.00 min  
 Lab File: BM026645.D  
 Acq: 01 Jul 2020 20:12

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP1-CRE

Tot Ion:330 Resp: 459020  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 77.7 116.5  
 141 41.0 29.7 44.5

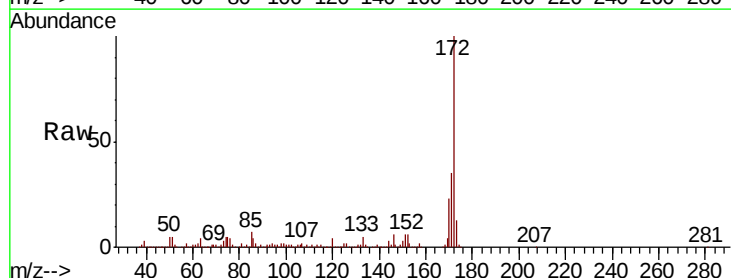


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

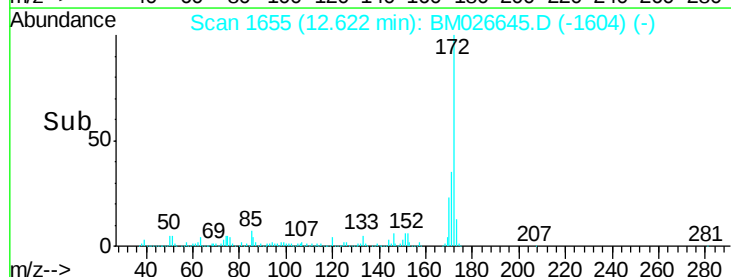
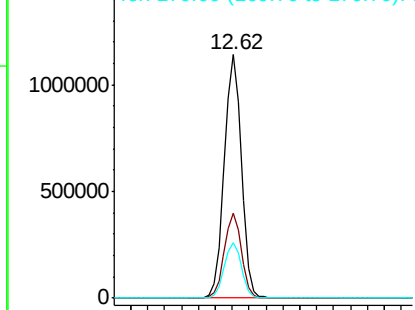


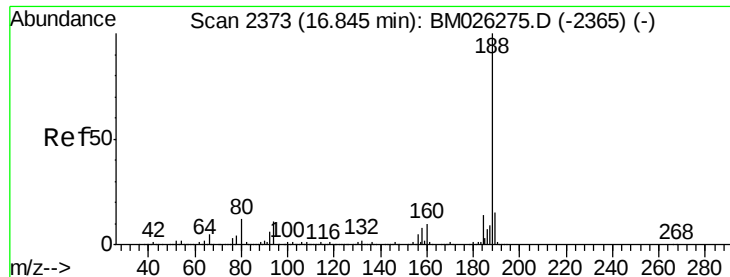
#45  
 2-Fluorobiphenyl  
 Concen: 134.019 ng  
 RT: 12.62 min Scan# 1655  
 Delta R.T. 0.00 min  
 Lab File: BM026645.D  
 Acq: 01 Jul 2020 20:12

Tgt Ion:172 Resp: 1606189  
 Ion Ratio Lower Upper  
 172 100  
 171 34.9 27.8 41.8  
 170 22.8 18.2 27.4



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

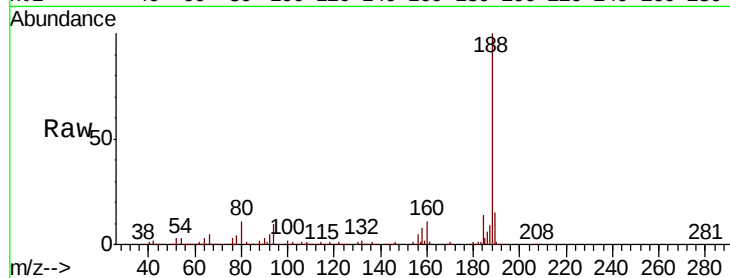




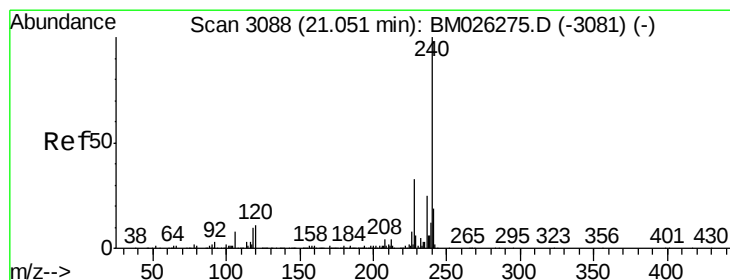
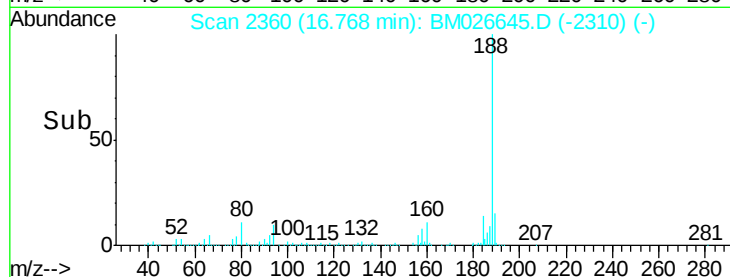
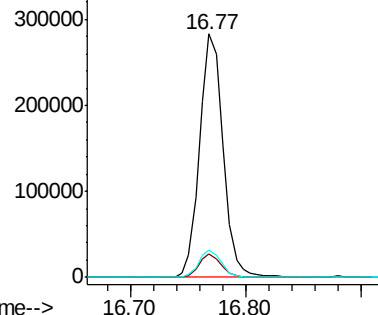
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.77 min Scan# 2360  
Delta R.T. -0.01 min  
Lab File: BM026645.D  
Acq: 01 Jul 2020 20:12

Instrument :  
BNA\_M  
ClientSampleId :  
SP1-CRE

Tot Ion:188 Resp: 400501  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.8 11.6  
80 11.1 9.5 14.3

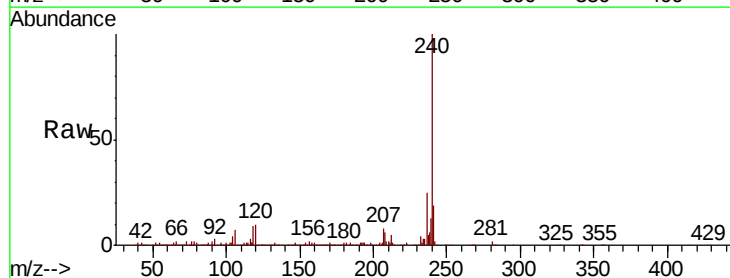


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM

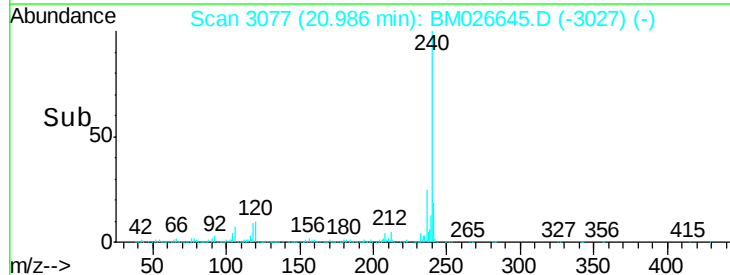
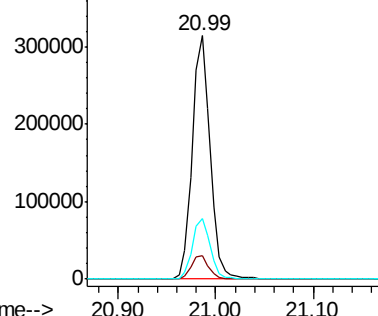


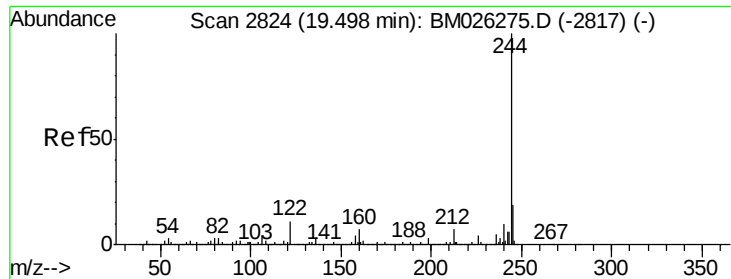
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 20.99 min Scan# 3077  
Delta R.T. -0.01 min  
Lab File: BM026645.D  
Acq: 01 Jul 2020 20:12

Tgt Ion:240 Resp: 401168  
Ion Ratio Lower Upper  
240 100  
120 9.5 9.3 13.9  
236 25.1 19.4 29.0



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

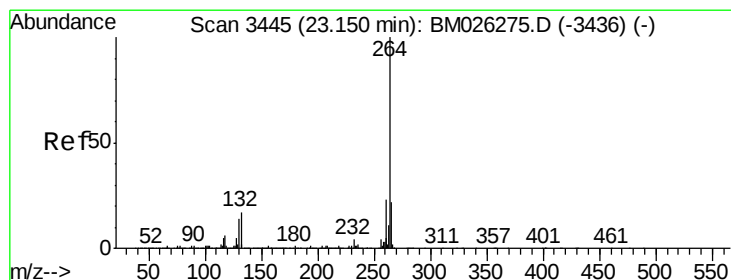
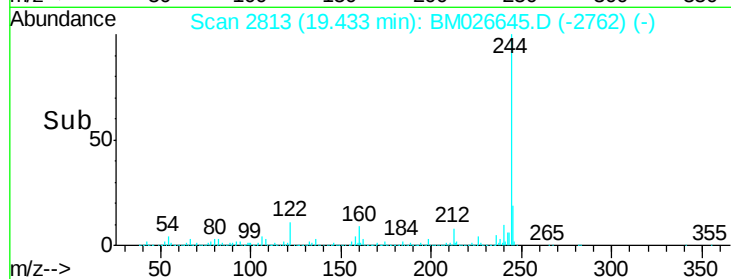
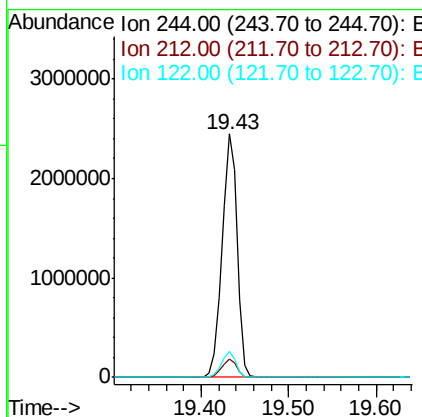
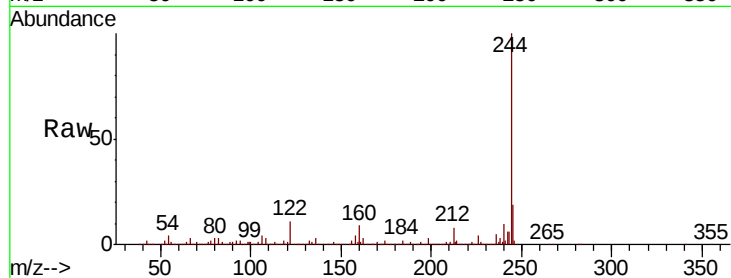




#79  
 Terphenyl-d14  
 Concen: 141.668 ng  
 RT: 19.43 min Scan# 2813  
 Delta R.T. 0.00 min  
 Lab File: BM026645.D  
 Acq: 01 Jul 2020 20:12

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SP1-CRE

Tot Ion:244 Resp: 2927747  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.9 8.9  
 122 10.8 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.06 min Scan# 3430  
 Delta R.T. -0.01 min  
 Lab File: BM026645.D  
 Acq: 01 Jul 2020 20:12

Tgt Ion:264 Resp: 406863  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.6 28.0  
 265 21.5 17.8 26.6

