

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\  
 Data File : BM024686.D  
 Acq On : 31 Jan 2020 21:34  
 Operator : CG/JU  
 Sample : L1004-18  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BU-01-012920

Quant Time: Feb 01 01:00:20 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

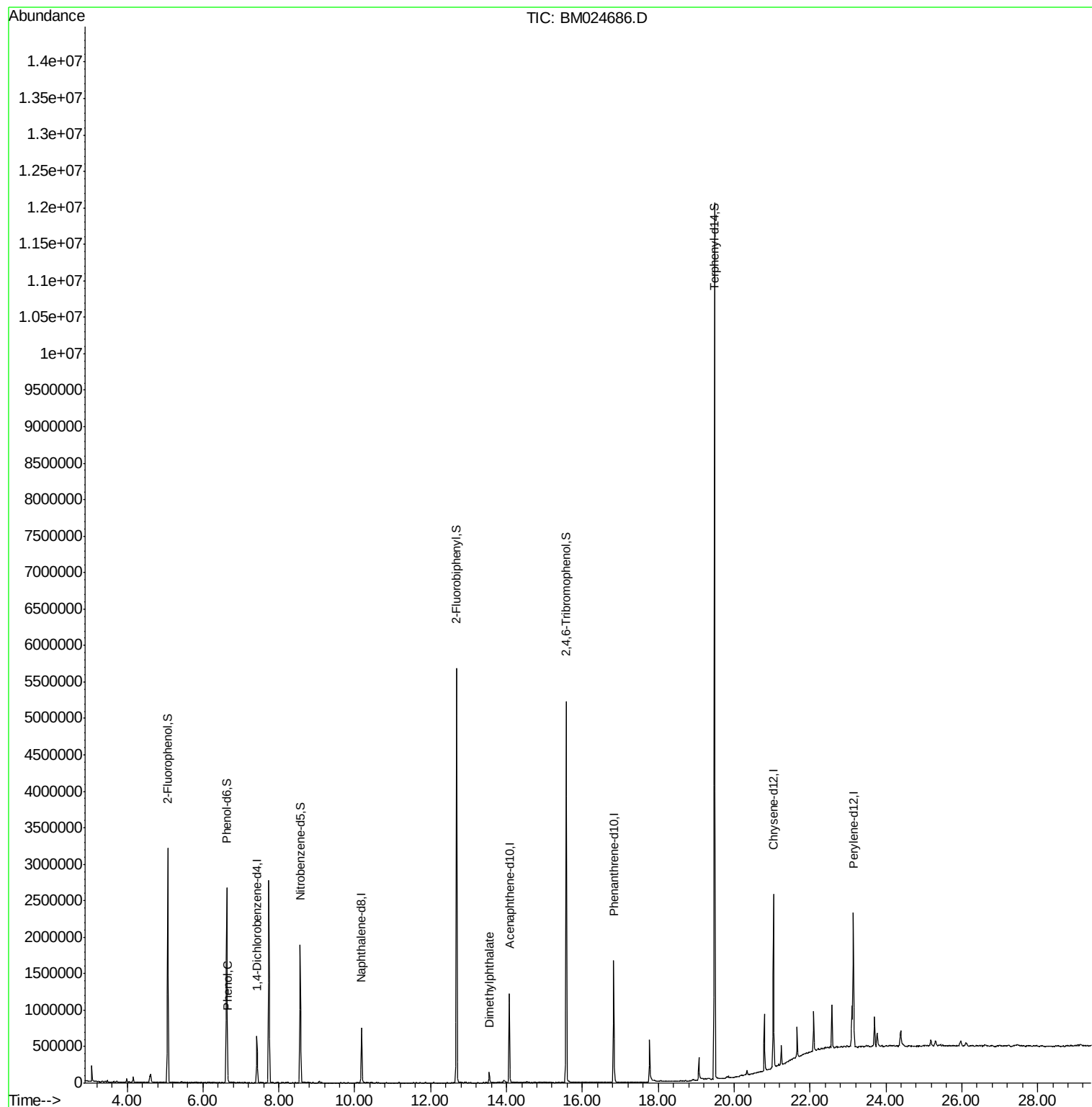
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.42  | 152  | 181163   | 20.00  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.18 | 136  | 636061   | 20.00  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.07 | 164  | 427709   | 20.00  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 16.83 | 188  | 997992   | 20.00  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.04 | 240  | 1125725  | 20.00  | ng    | -0.02    |
| 87) Perylene-d12            | 23.14 | 264  | 1326074  | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.07  | 112  | 1311841  | 137.71 | ng    | -0.01    |
| 7) Phenol-d6                | 6.63  | 99   | 1470475  | 112.05 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.56  | 82   | 1053207  | 81.20  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.57 | 330  | 1066601  | 153.31 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.69 | 172  | 2946219  | 93.65  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.49 | 244  | 6007719  | 99.63  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.65  | 94   | 39332    | 3.007  | ng    | 96       |
| 50) Dimethylphthalate       | 13.54 | 163  | 100664   | 2.911  | ng    | 99       |

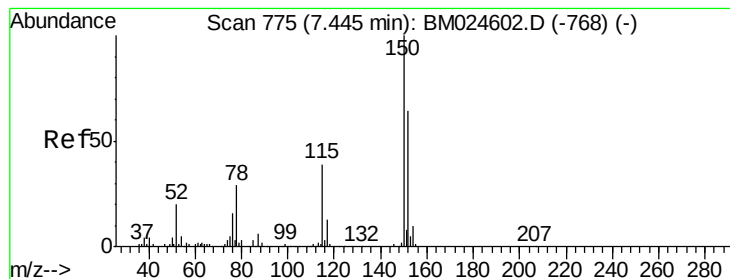
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\  
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BU-01-012920

Quant Time: Feb 01 01:00:20 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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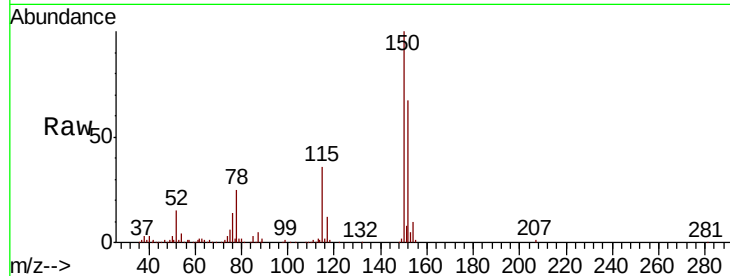


#1

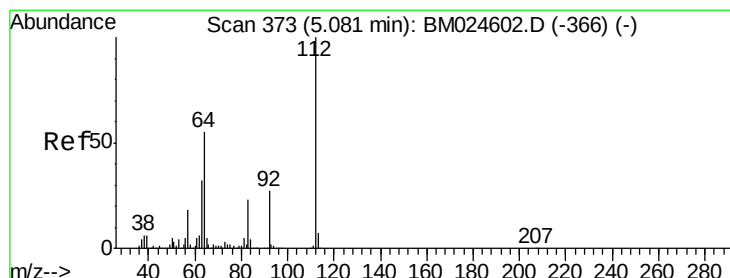
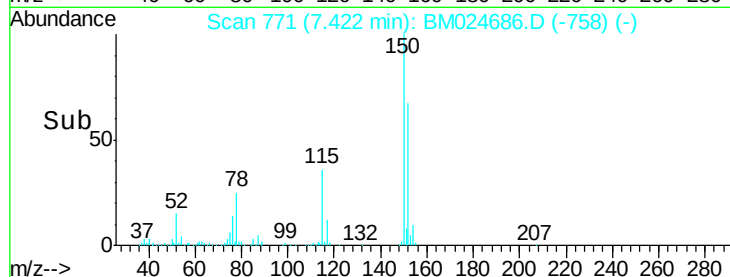
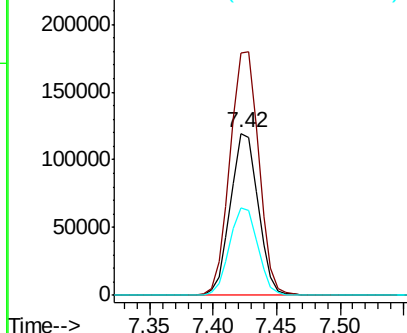
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.42 min Scan# 771  
Delta R.T. -0.02 min  
Lab File: BM024686.D  
Acq: 31 Jan 2020 21:34

Instrument :  
BNA\_M  
ClientSampleId :  
BU-01-012920

Tot Ion:152 Resp: 181163  
Ion Ratio Lower Upper  
152 100  
150 149.7 124.2 186.4  
115 54.2 48.6 72.8



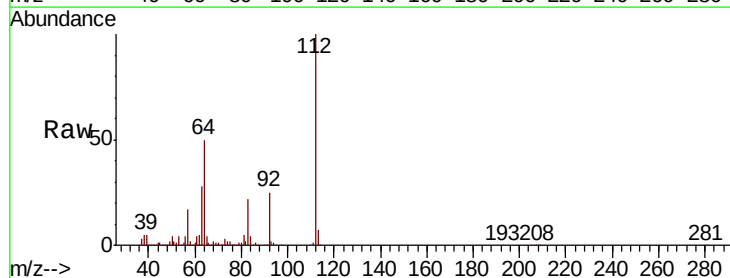
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



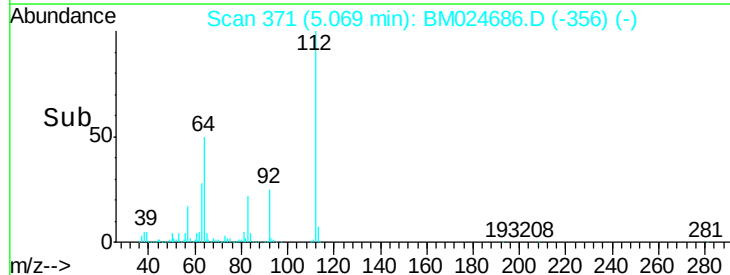
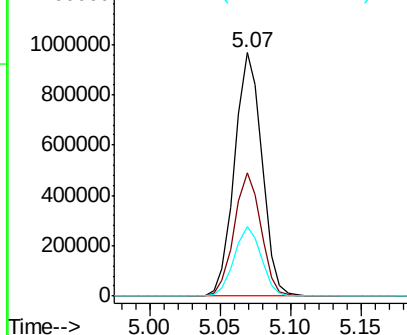
#5

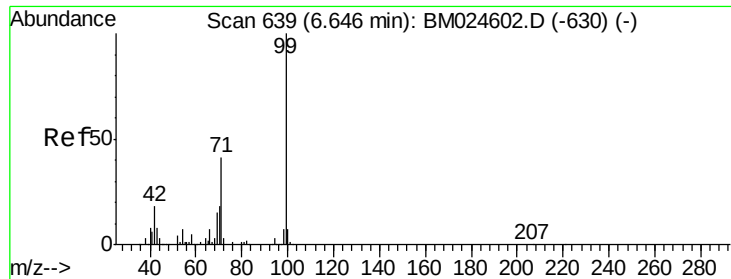
2-Fluorophenol  
Concen: 137.711 ng  
RT: 5.07 min Scan# 371  
Delta R.T. -0.01 min  
Lab File: BM024686.D  
Acq: 31 Jan 2020 21:34

Tgt Ion:112 Resp: 1311841  
Ion Ratio Lower Upper  
112 100  
64 50.4 44.2 66.4  
63 28.3 25.9 38.9



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 112.055 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024686.D

Acq: 31 Jan 2020 21:34

Instrument :

BNA\_M

ClientSampleId :

BU-01-012920

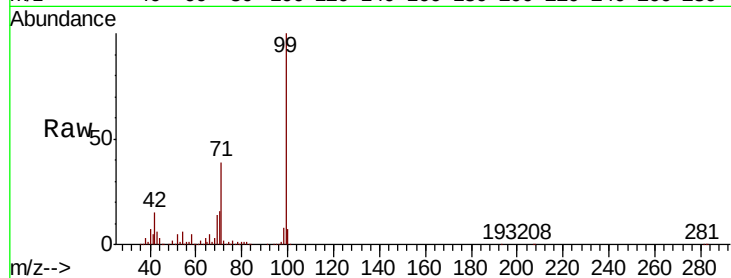
Tot Ion: 99 Resp: 1470475

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

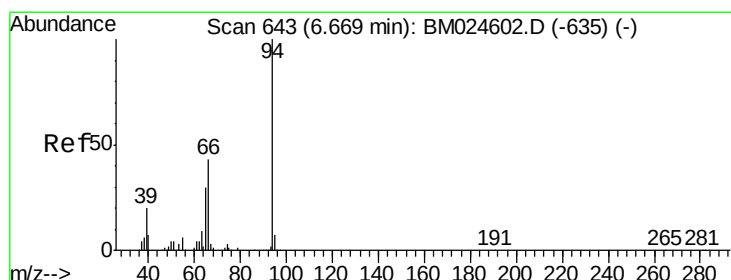
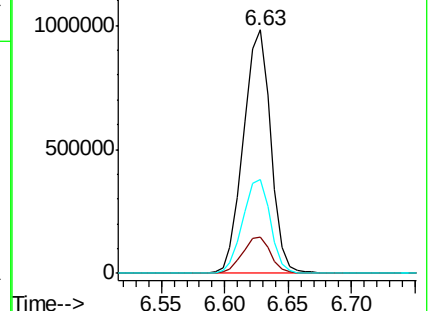
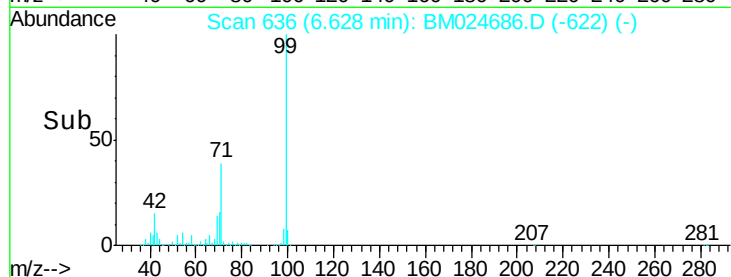
71 38.7 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024686.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024686.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024686.D (-622) (-)



#10

Phenol

Concen: 3.007 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024686.D

Acq: 31 Jan 2020 21:34

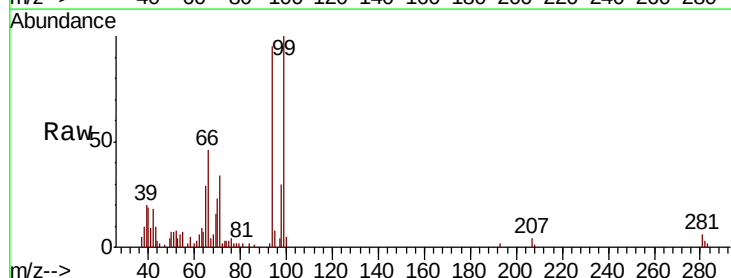
Tgt Ion: 94 Resp: 39332

Ion Ratio Lower Upper

94 100

65 30.1 10.3 50.3

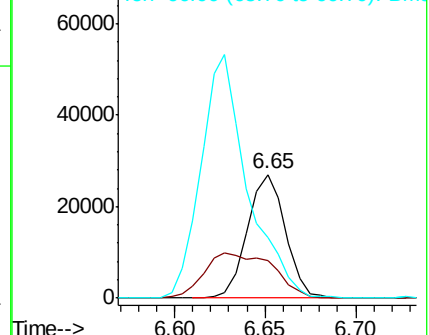
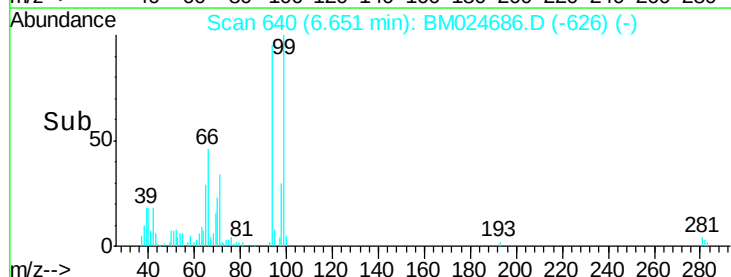
66 48.6 24.8 64.8

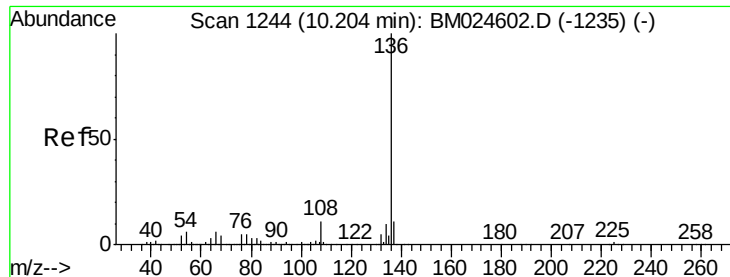


Abundance Ion 94.00 (93.70 to 94.70): BM024686.D (-626) (-)

Ion 65.00 (64.70 to 65.70): BM024686.D (-626) (-)

Ion 66.00 (65.70 to 66.70): BM024686.D (-626) (-)

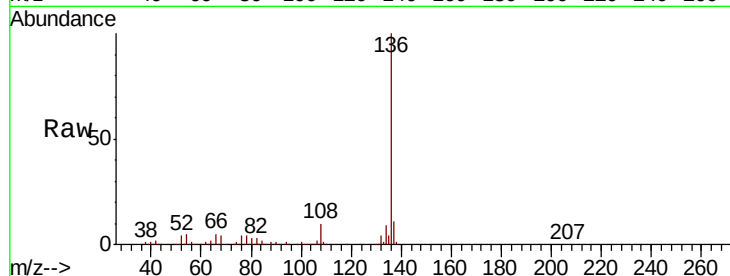




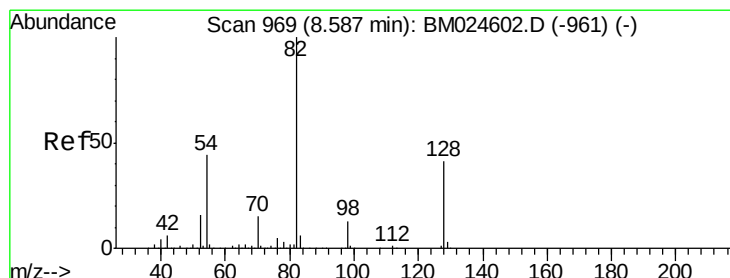
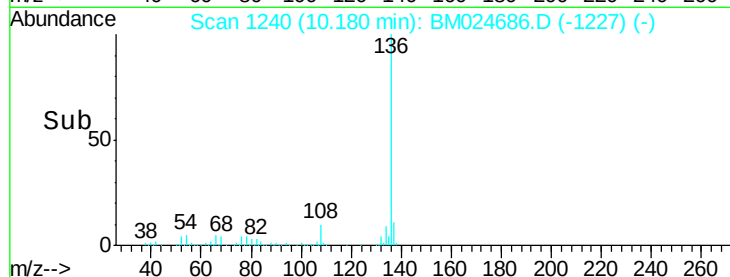
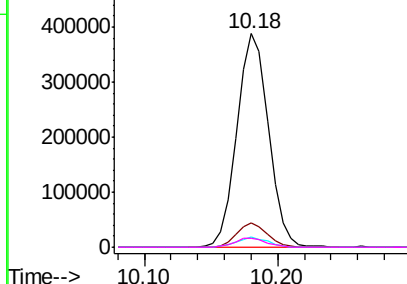
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.18 min Scan# 1240  
Delta R.T. -0.02 min  
Lab File: BM024686.D  
Acq: 31 Jan 2020 21:34

Instrument :  
BNA\_M  
ClientSampleId :  
BU-01-012920

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 636061 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.3    | 8.6 13.0     |
| 54 4.6      | 4.5 6.7      |
| 68 4.2      | 3.4 5.0      |

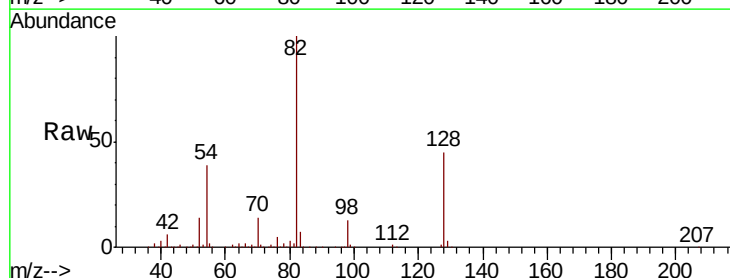


Abundance Ion 136.00 (135.70 to 136.70): E  
600000  
Ion 137.00 (136.70 to 137.70): E  
500000  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

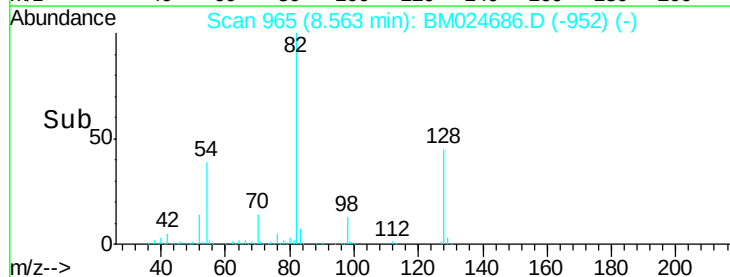
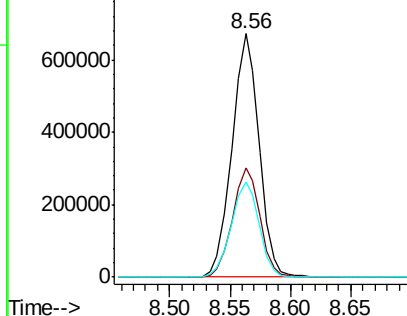


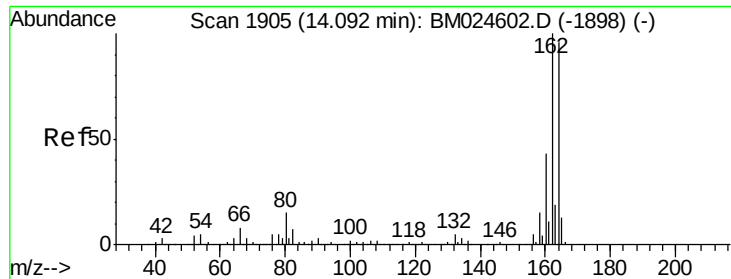
#23  
Nitrobenzene-d5  
Concen: 81.204 ng  
RT: 8.56 min Scan# 965  
Delta R.T. -0.02 min  
Lab File: BM024686.D  
Acq: 31 Jan 2020 21:34

|             |               |
|-------------|---------------|
| Tgt Ion: 82 | Resp: 1053207 |
| Ion Ratio   | Lower Upper   |
| 82 100      |               |
| 128 44.9    | 32.6 48.8     |
| 54 39.3     | 34.8 52.2     |



Abundance Ion 82.00 (81.70 to 82.70): BM  
800000  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024686.D

Acq: 31 Jan 2020 21:34

Instrument :

BNA\_M

ClientSampleId :

BU-01-012920

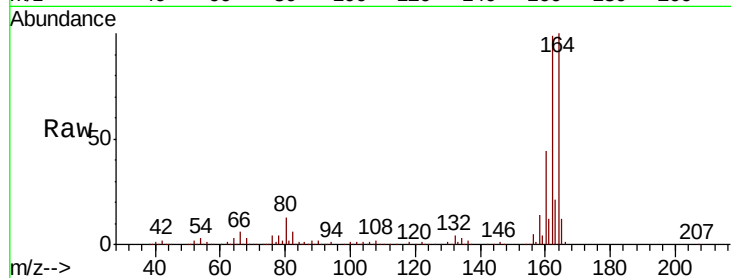
Tot Ion:164 Resp: 427709

Ion Ratio Lower Upper

164 100

162 98.9 82.9 124.3

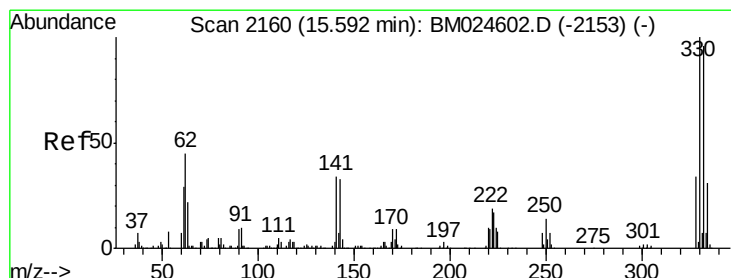
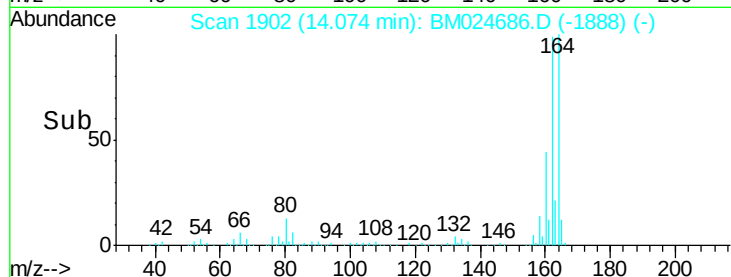
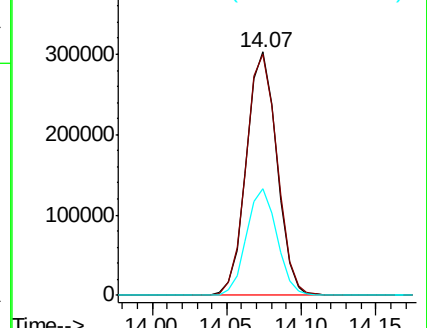
160 43.6 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 153.306 ng

RT: 15.57 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BM024686.D

Acq: 31 Jan 2020 21:34

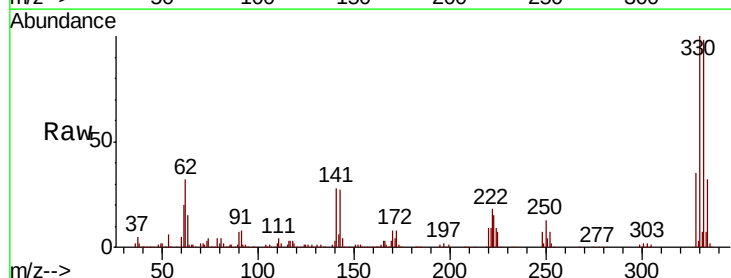
Tgt Ion:330 Resp: 1066601

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

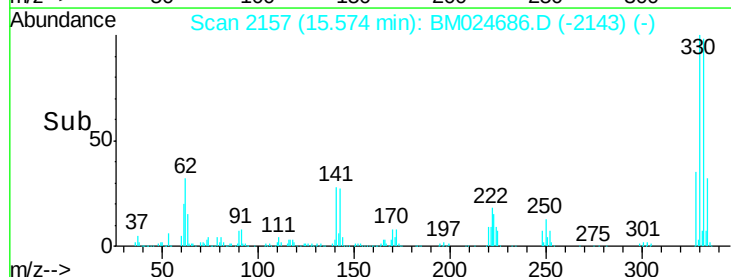
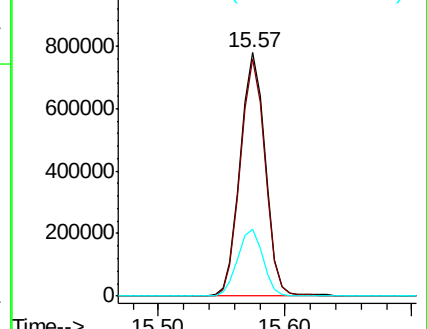
141 28.0 26.9 40.3

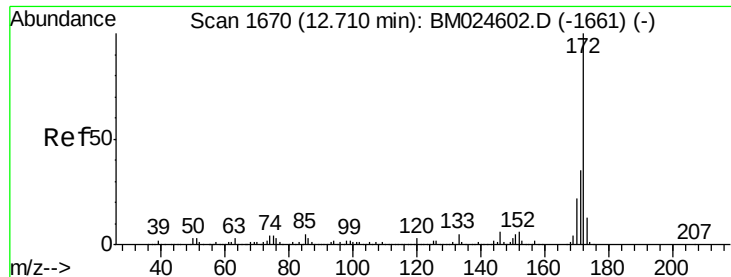


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

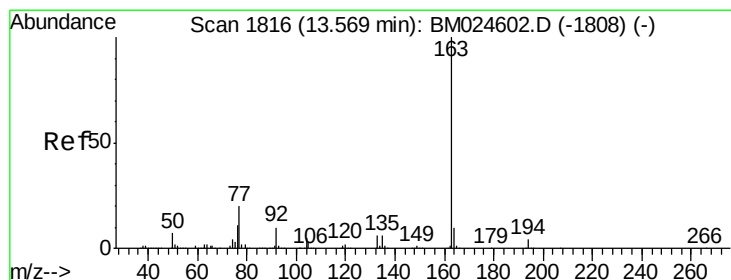
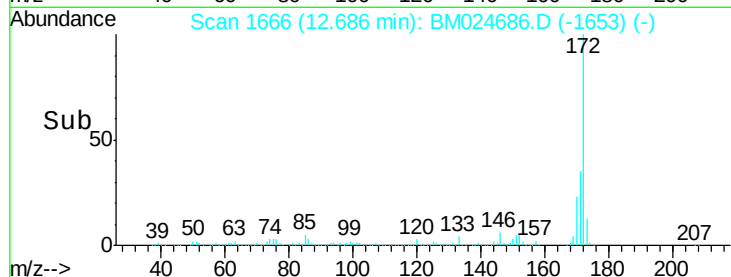
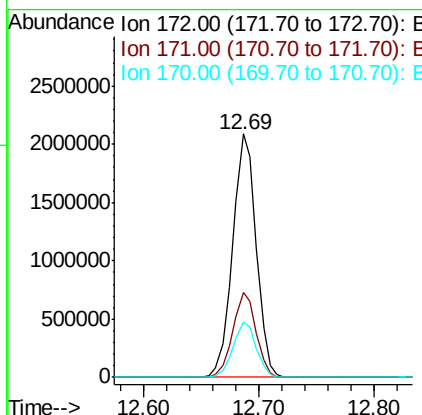
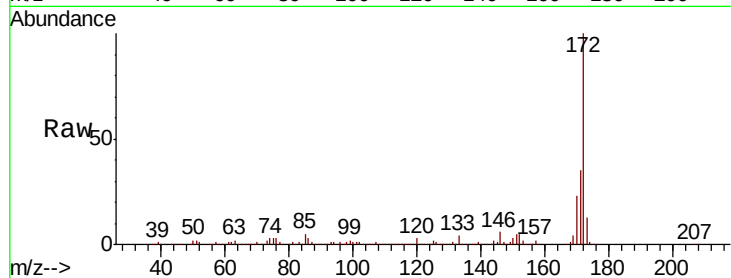




#45  
2-Fluorobiphenyl  
Concen: 93.648 ng  
RT: 12.69 min Scan# 1666  
Delta R.T. -0.02 min  
Lab File: BM024686.D  
Acq: 31 Jan 2020 21:34

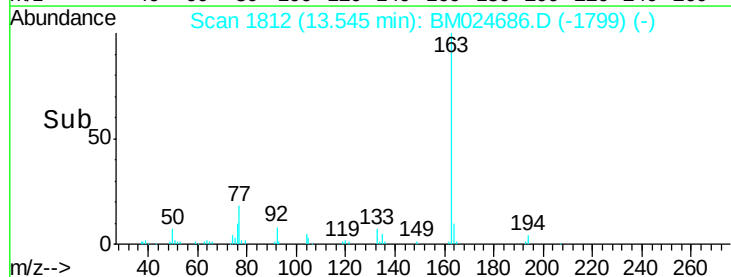
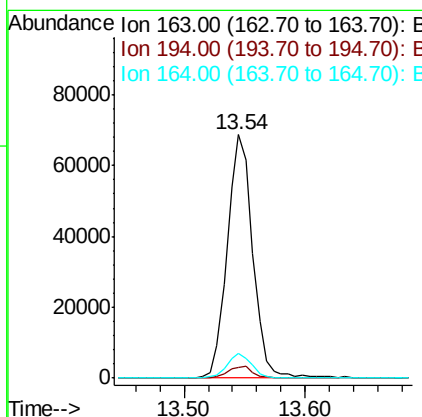
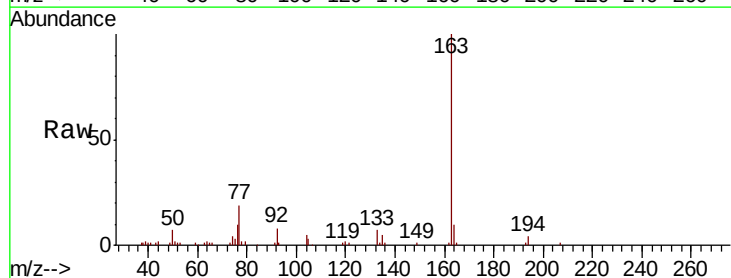
Instrument :  
BNA\_M  
ClientSampleId :  
BU-01-012920

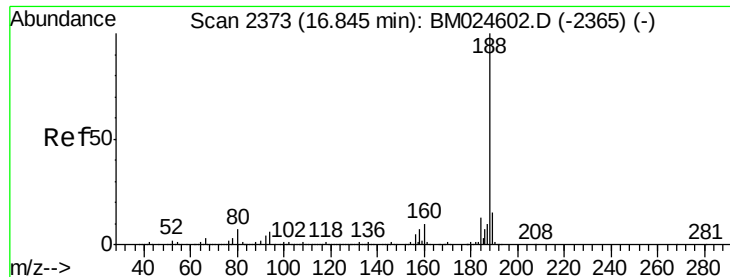
Tot Ion:172 Resp: 2946219  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.3 42.5  
170 22.6 17.9 26.9



#50  
Dimethylphthalate  
Concen: 2.911 ng  
RT: 13.54 min Scan# 1812  
Delta R.T. -0.02 min  
Lab File: BM024686.D  
Acq: 31 Jan 2020 21:34

Tgt Ion:163 Resp: 100664  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.4 5.0  
164 10.4 8.0 12.0

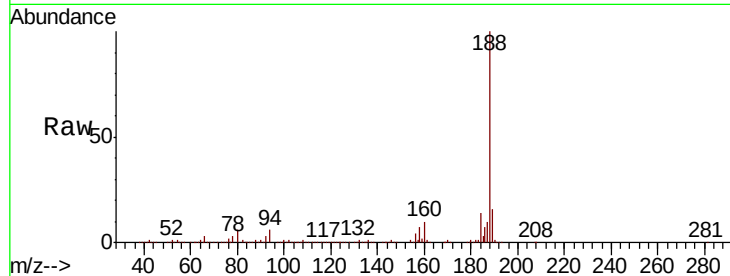




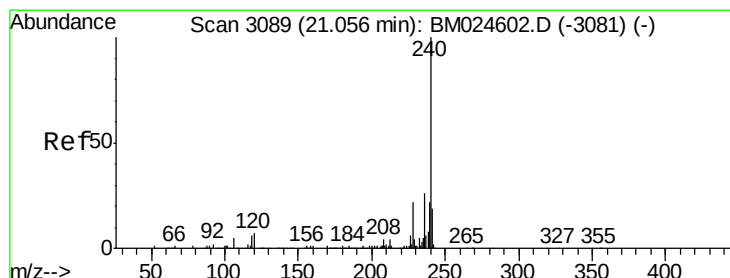
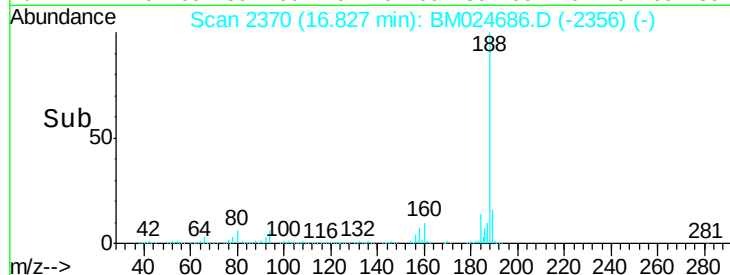
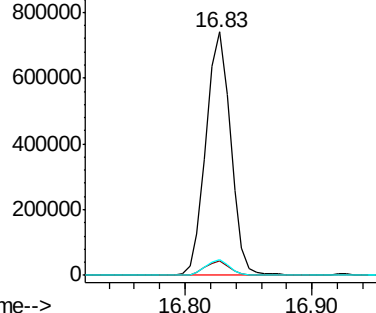
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.83 min Scan# 2370  
Delta R.T. -0.02 min  
Lab File: BM024686.D  
Acq: 31 Jan 2020 21:34

Instrument :  
BNA\_M  
ClientSampleId :  
BU-01-012920

Tot Ion:188 Resp: 997992  
Ion Ratio Lower Upper  
188 100  
94 5.7 5.0 7.6  
80 6.3 5.8 8.8

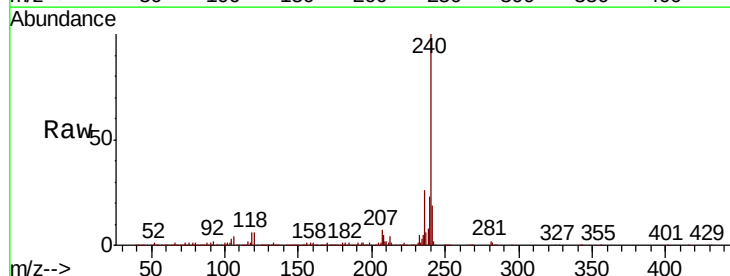


Abundance Ion 188.00 (187.70 to 188.70): E  
1000000 Ion 94.00 (93.70 to 94.70): BM  
Ion 80.00 (79.70 to 80.70): BM

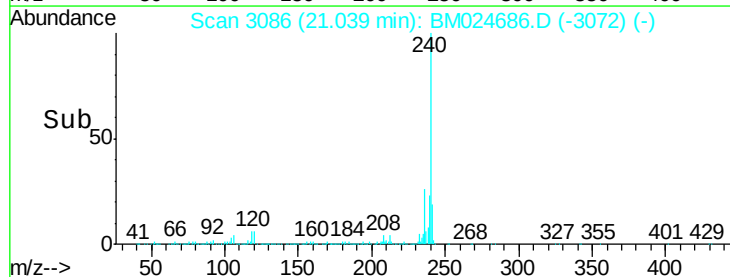
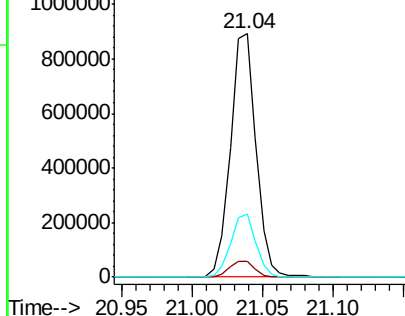


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.04 min Scan# 3086  
Delta R.T. -0.02 min  
Lab File: BM024686.D  
Acq: 31 Jan 2020 21:34

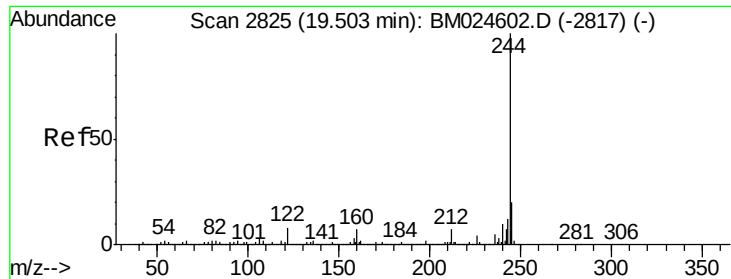
Tgt Ion:240 Resp: 1125725  
Ion Ratio Lower Upper  
240 100  
120 6.2 5.3 7.9  
236 25.7 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E  
1200000 Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



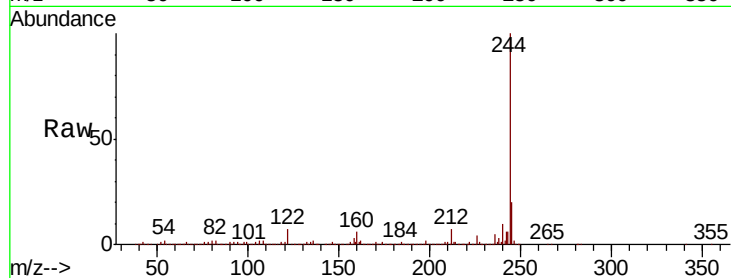




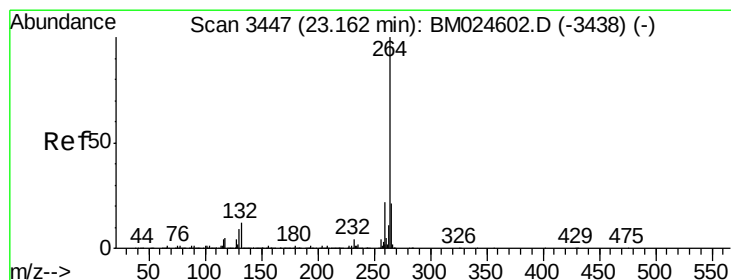
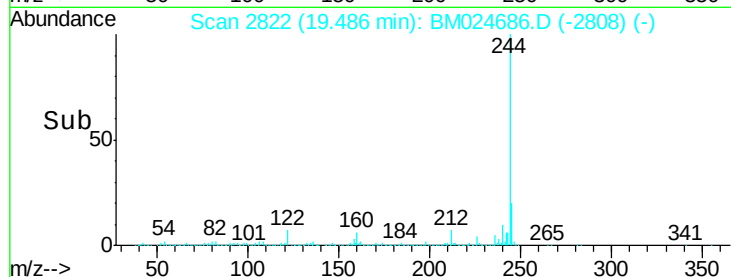
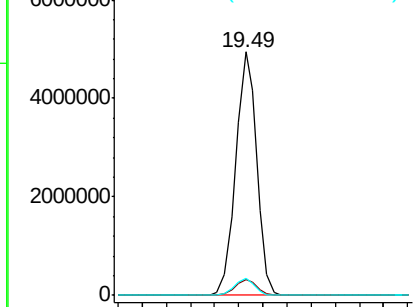
#79  
 Terphenyl-d14  
 Concen: 99.632 ng  
 RT: 19.49 min Scan# 2822  
 Delta R.T. -0.02 min  
 Lab File: BM024686.D  
 Acq: 31 Jan 2020 21:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BU-01-012920

Tot Ion:244 Resp: 6007719  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.2  
 122 7.2 6.2 9.4

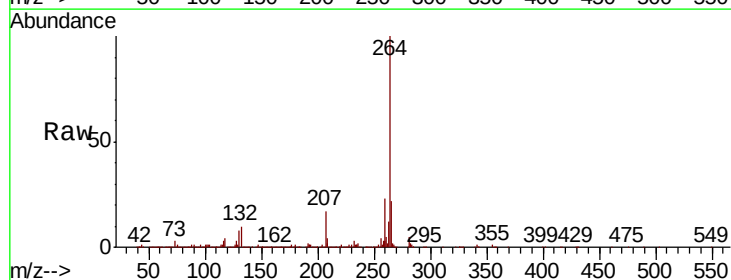


Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.14 min Scan# 3444  
 Delta R.T. -0.02 min  
 Lab File: BM024686.D  
 Acq: 31 Jan 2020 21:34

Tgt Ion:264 Resp: 1326074  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 17.9 26.9  
 265 22.4 17.3 25.9



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

