

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061520\  
 Data File : BM026388.D  
 Acq On : 15 Jun 2020 13:07  
 Operator : JU/CG  
 Sample : PB129537BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 15 14:04:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 15 12:22:53 2020  
 Response via : Initial Calibration

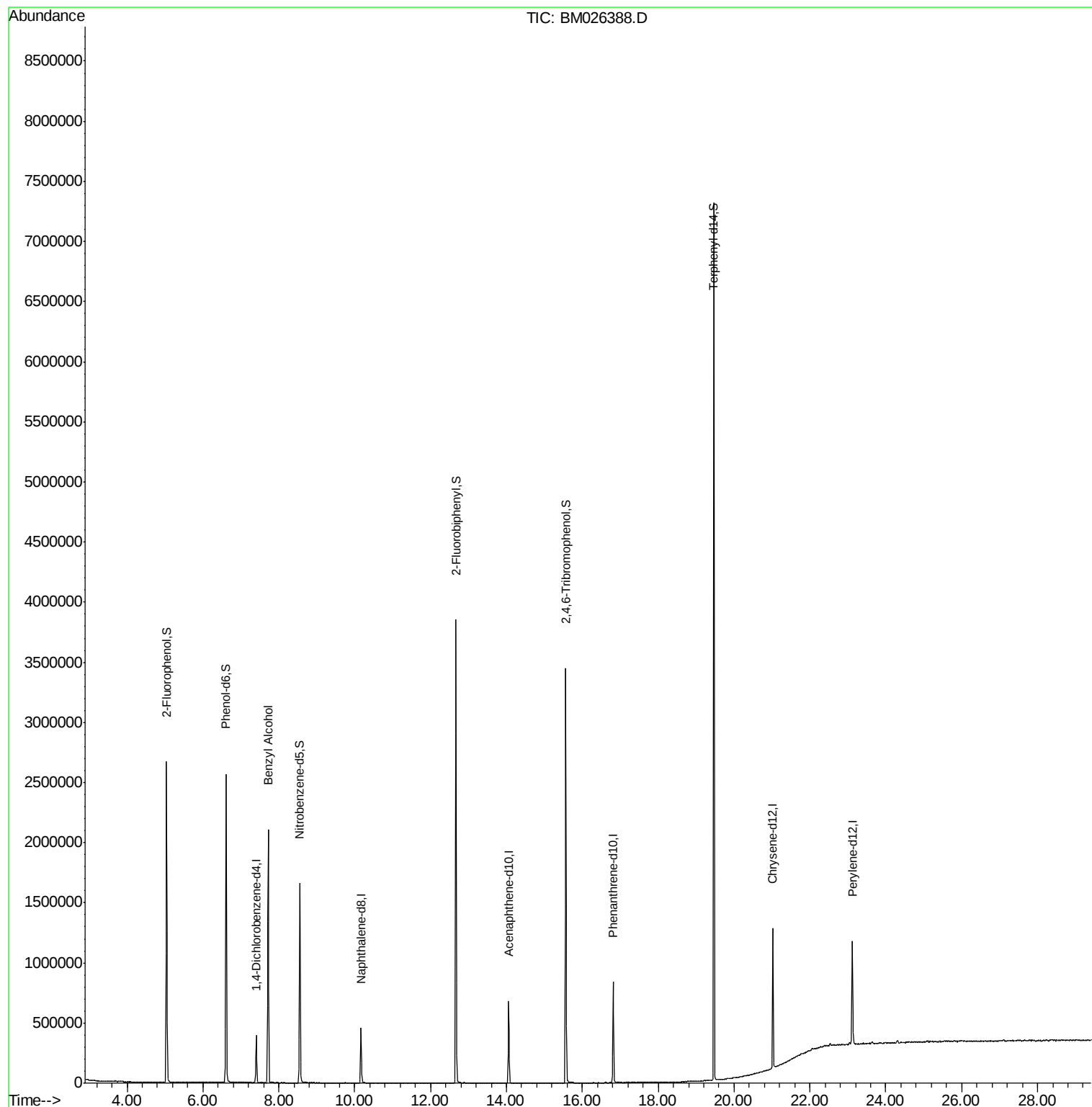
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.40  | 152  | 91990    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 10.16 | 136  | 361393   | 20.00  | ng    | 0.00           |
| 39) Acenaphthene-d10        | 14.06 | 164  | 221552   | 20.00  | ng    | 0.00           |
| 64) Phenanthrene-d10        | 16.82 | 188  | 479788   | 20.00  | ng    | 0.00           |
| 76) Chrysene-d12            | 21.02 | 240  | 508612   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 23.12 | 264  | 548396   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.04  | 112  | 958789   | 184.28 | ng    | 0.00           |
| 7) Phenol-d6                | 6.61  | 99   | 1290018  | 171.22 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 8.55  | 82   | 907858   | 123.34 | ng    | 0.00           |
| 42) 2,4,6-Tribromophenol    | 15.56 | 330  | 548553   | 204.40 | ng    | 0.00           |
| 45) 2-Fluorobiphenyl        | 12.67 | 172  | 1864449  | 127.74 | ng    | 0.00           |
| 79) Terphenyl-d14           | 19.47 | 244  | 3375667  | 128.84 | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 15) Benzyl Alcohol          | 7.72  | 79   | 16078    | 2.513  | ng    | Qvalue<br># 56 |

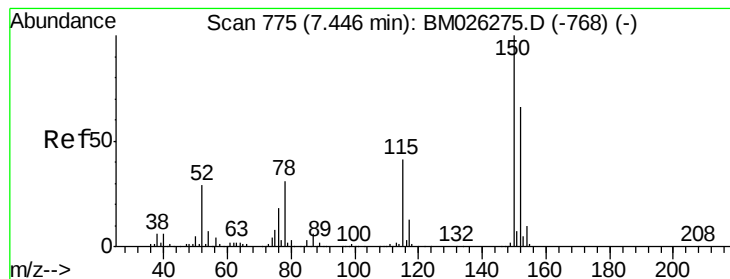
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB129537BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Jun 15 14:04:52 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 15 12:22:53 2020  
Response via : Initial Calibration



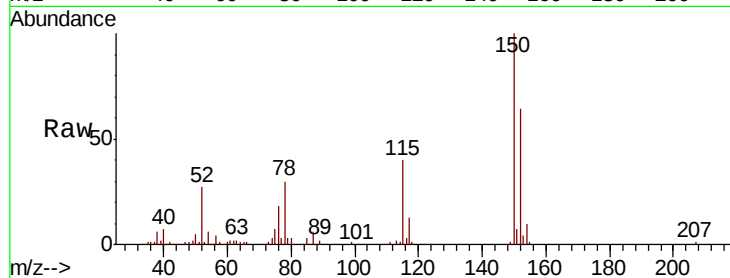


#1

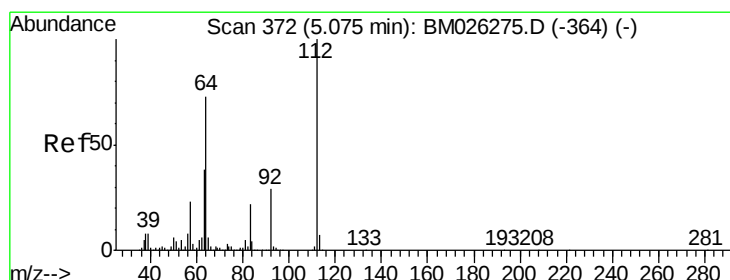
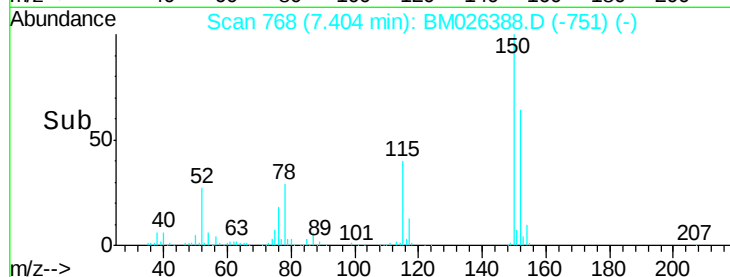
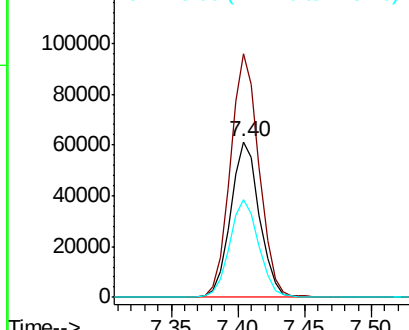
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.40 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: BM026388.D  
Acq: 15 Jun 2020 13:07

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion   | 152   | Resp  | 91990 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 156.2 | 127.8 | 191.6 |
| 115       | 62.6  | 51.5  | 77.3  |



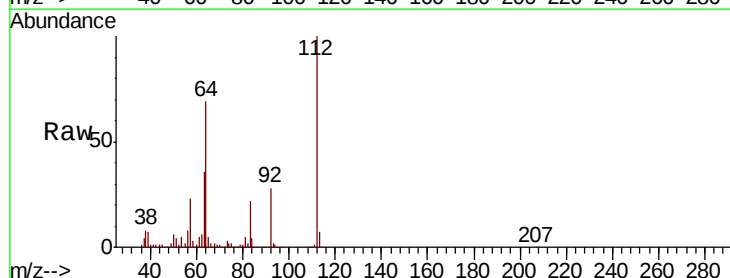
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



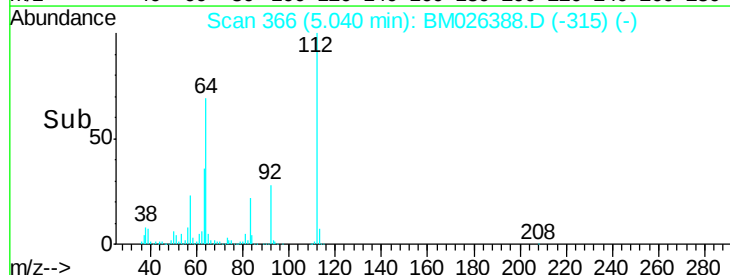
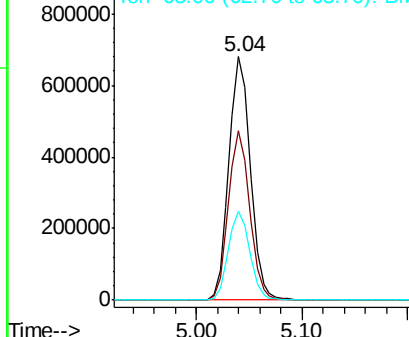
#5

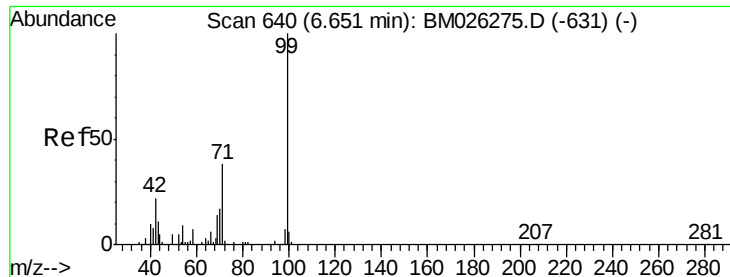
2-Fluorophenol  
Concen: 184.278 ng  
RT: 5.04 min Scan# 366  
Delta R.T. 0.00 min  
Lab File: BM026388.D  
Acq: 15 Jun 2020 13:07

| Tgt Ion   | 112   | Resp  | 958789 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.5  | 56.0  | 84.0   |
| 63        | 36.2  | 29.0  | 43.6   |



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: 171.223 ng

RT: 6.61 min Scan# 633

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Instrument :

BNA\_M

ClientSampled :

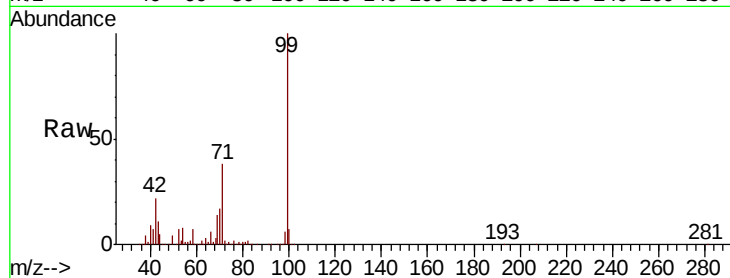
Tot Ion: 99 Resp: 1290018

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

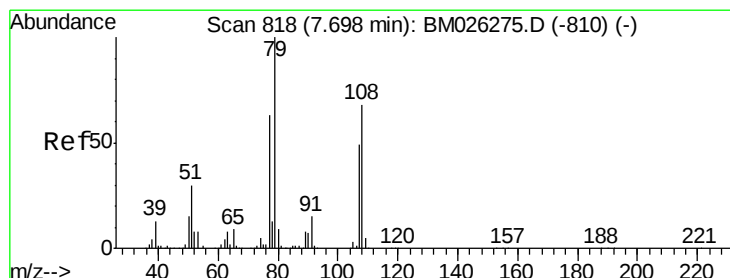
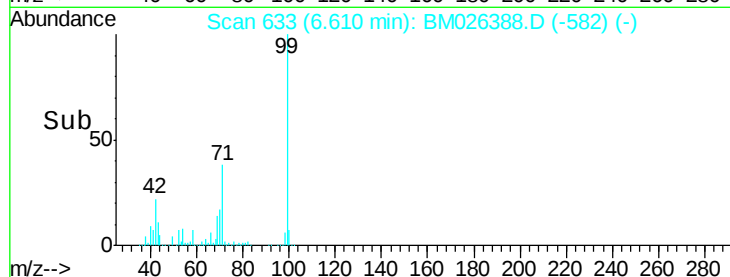
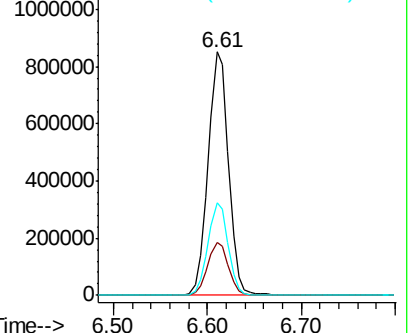
71 37.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#15

Benzyl Alcohol

Concen: 2.513 ng

RT: 7.72 min Scan# 821

Delta R.T. 0.06 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

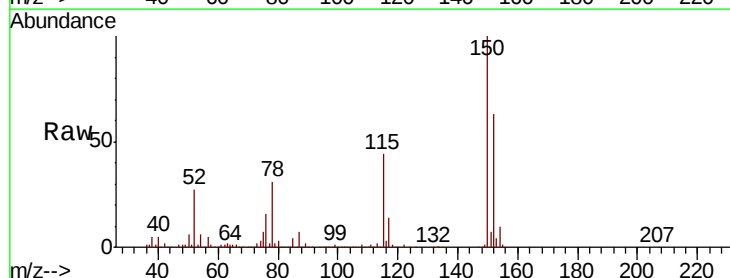
Tgt Ion: 79 Resp: 16078

Ion Ratio Lower Upper

79 100

108 35.6 54.6 82.0#

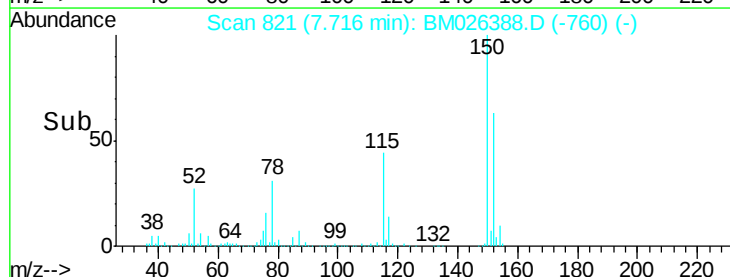
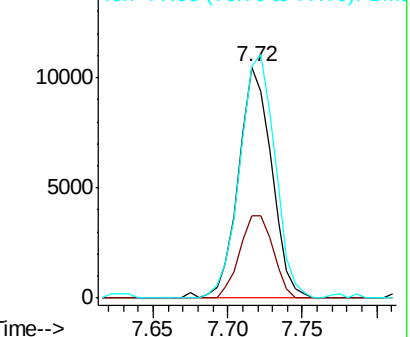
77 100.4 51.0 76.4#

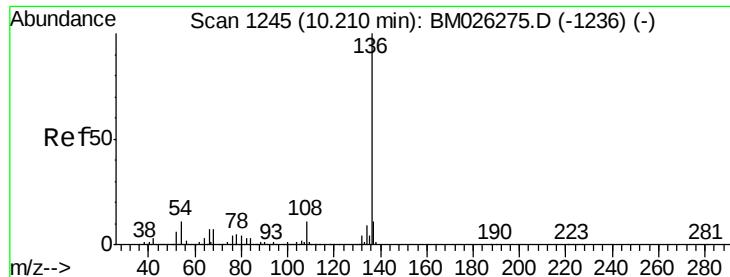


Abundance Ion 79.00 (78.70 to 79.70): BM026275.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM026275.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM026275.D (-810) (-)

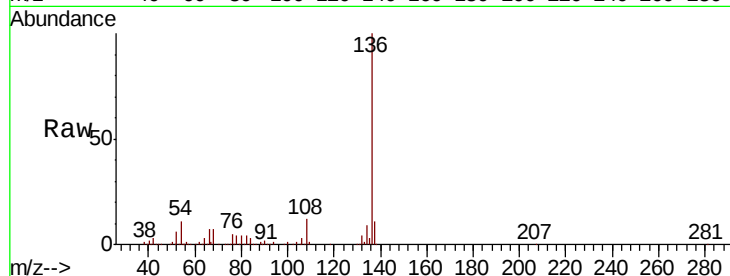




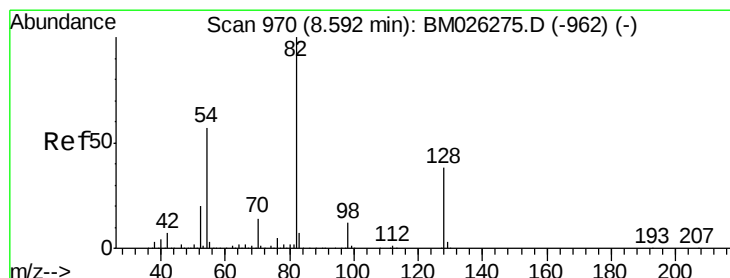
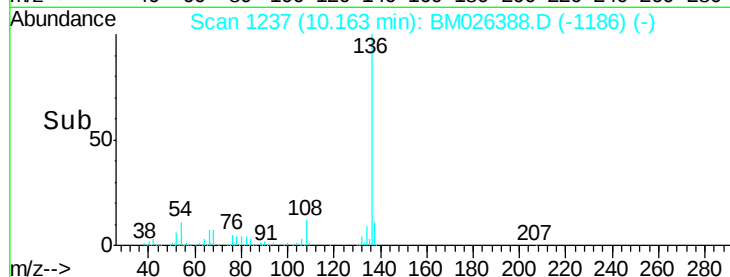
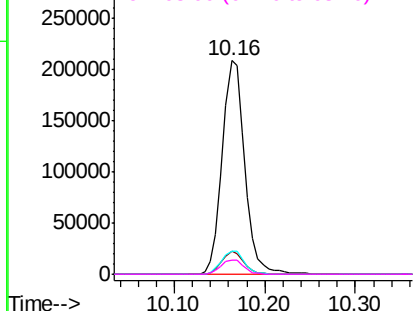
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.16 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: BM026388.D  
Acq: 15 Jun 2020 13:07

Instrument :  
BNA\_M  
ClientSampleId :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 361393 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.0    | 8.5   | 12.7   |
| 54 10.9     | 9.0   | 13.6   |
| 68 6.7      | 5.6   | 8.4    |

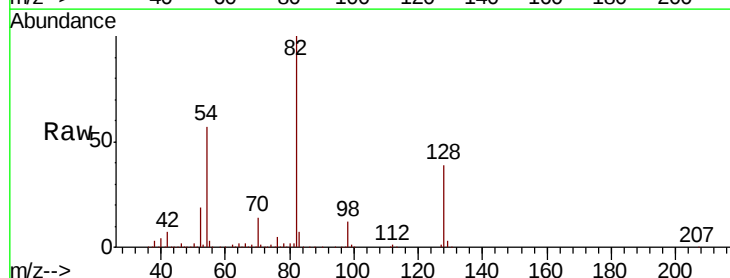


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

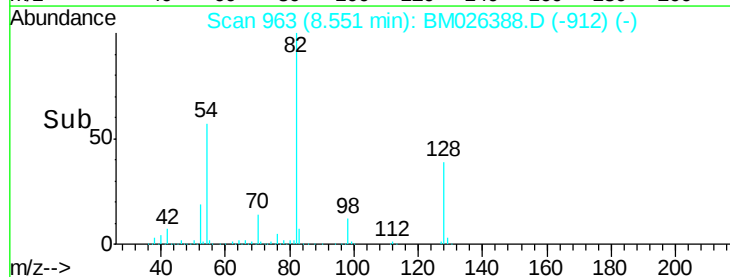
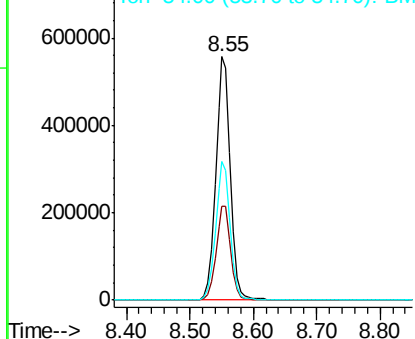


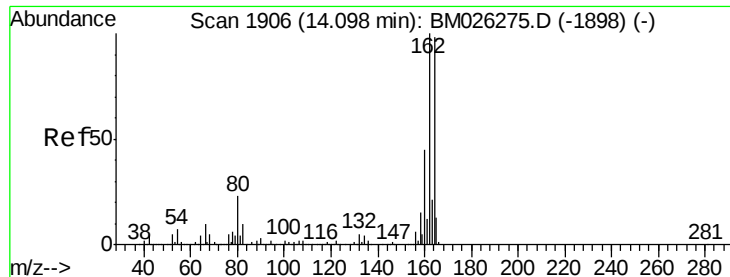
#23  
Nitrobenzene-d5  
Concen: 123.344 ng  
RT: 8.55 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BM026388.D  
Acq: 15 Jun 2020 13:07

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 907858 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 38.8    | 31.0 46.6    |
| 54 56.7     | 45.4 68.2    |



Abundance Ion 82.00 (81.70 to 82.70): BM0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BM0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.06 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Instrument :

BNA\_M

ClientSampleId :

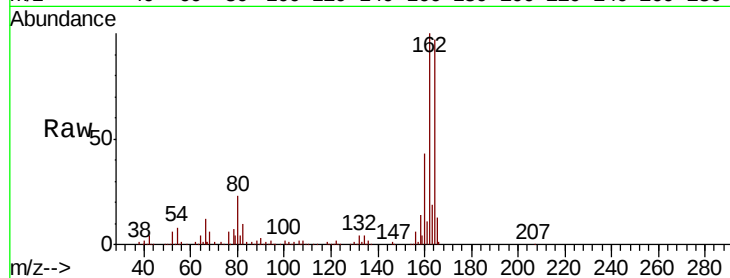
Tot Ion:164 Resp: 221552

Ion Ratio Lower Upper

164 100

162 102.8 77.7 116.5

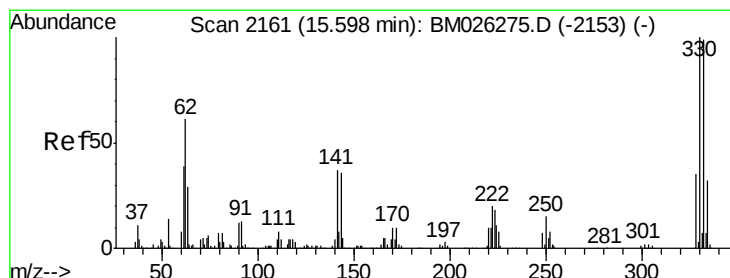
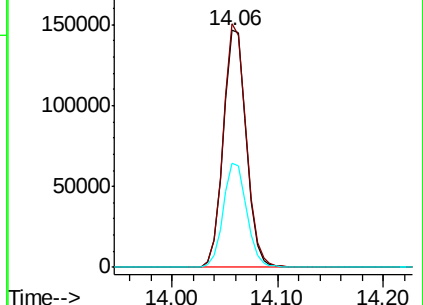
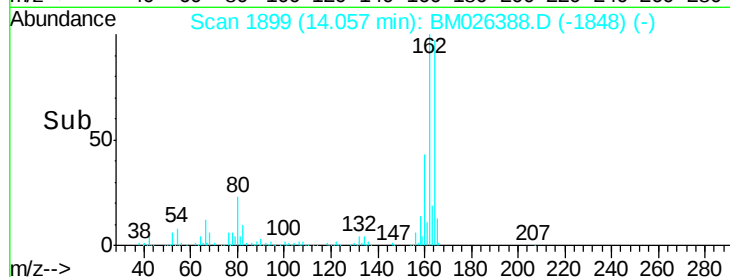
160 44.2 34.2 51.2



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: 204.396 ng

RT: 15.56 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

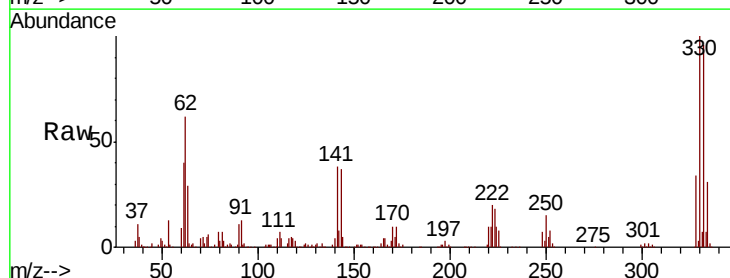
Tgt Ion:330 Resp: 548553

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

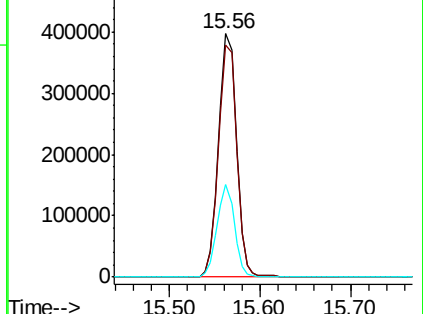
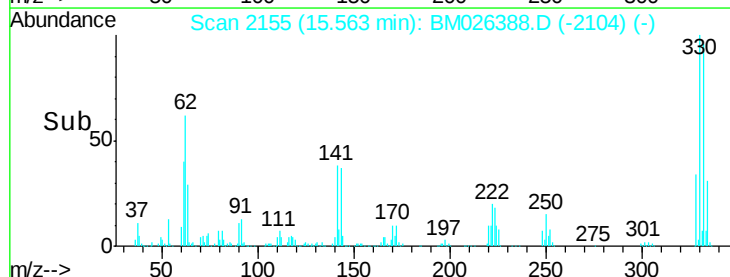
141 36.9 29.7 44.5

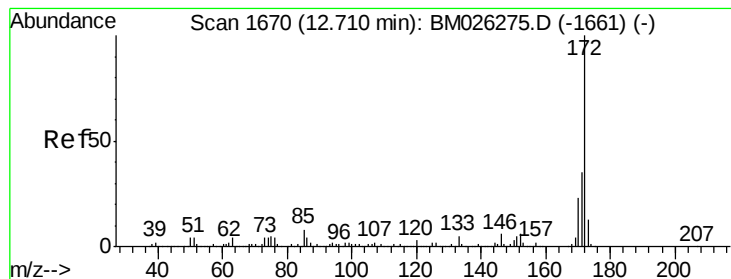


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 127.743 ng

RT: 12.67 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

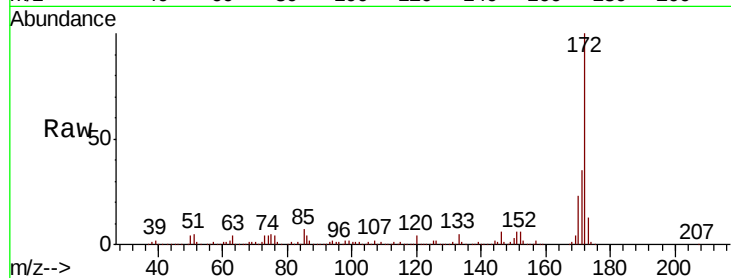
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:172 Resp: 1864449

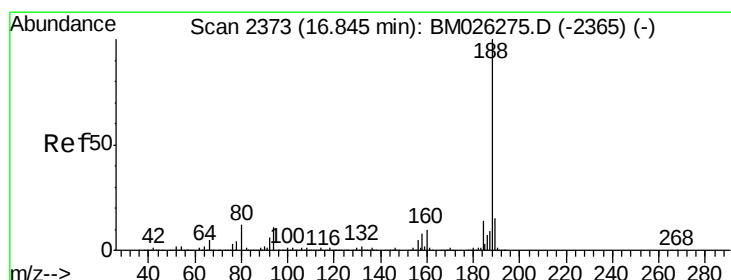
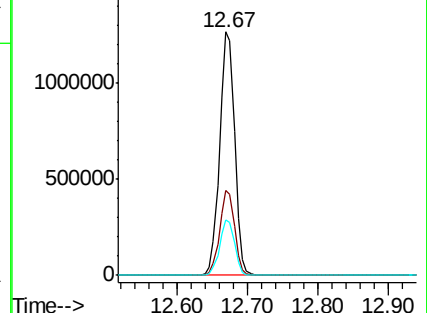
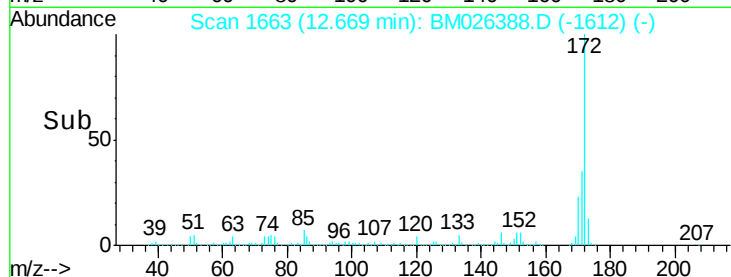
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 34.9  | 27.8  | 41.8  |
| 170 | 22.8  | 18.2  | 27.4  |



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: 16.82 min Scan# 2368

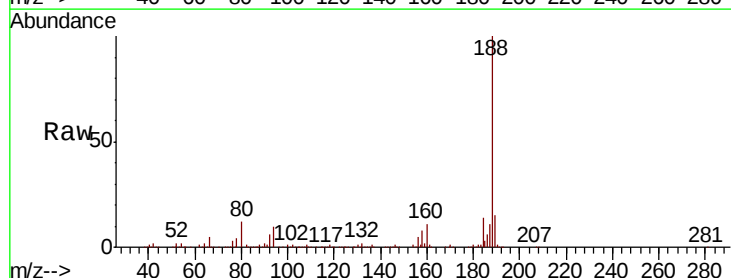
Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Tgt Ion:188 Resp: 479788

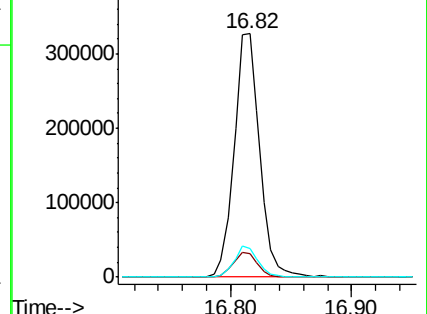
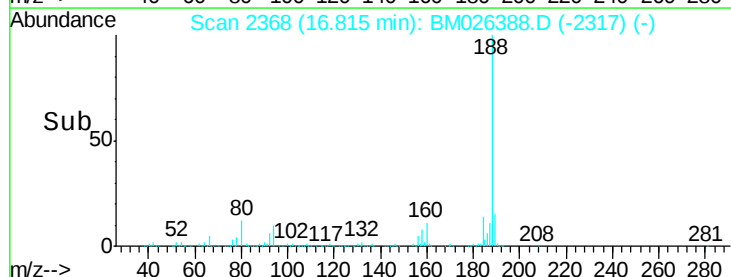
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.8   | 7.8   | 11.6  |
| 80  | 11.5  | 9.5   | 14.3  |

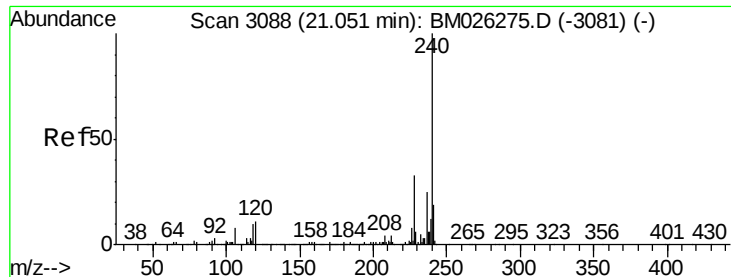


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

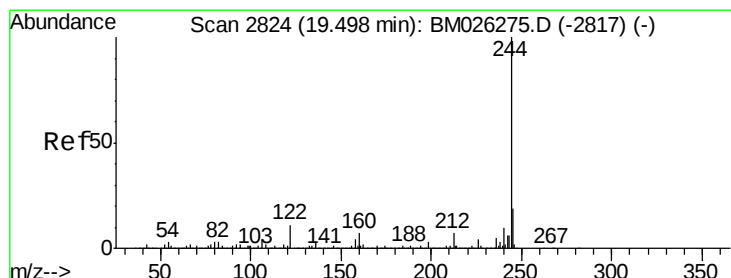
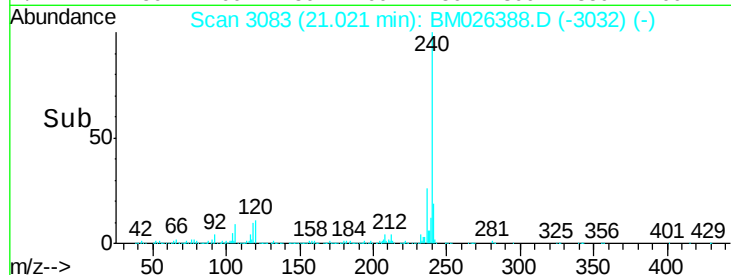
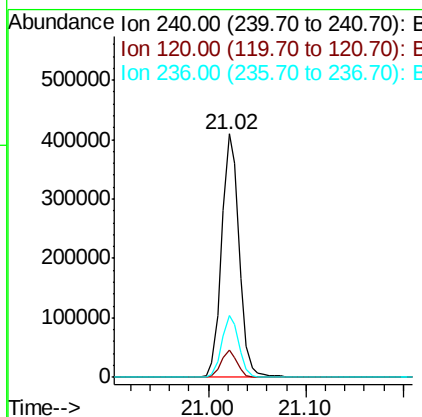
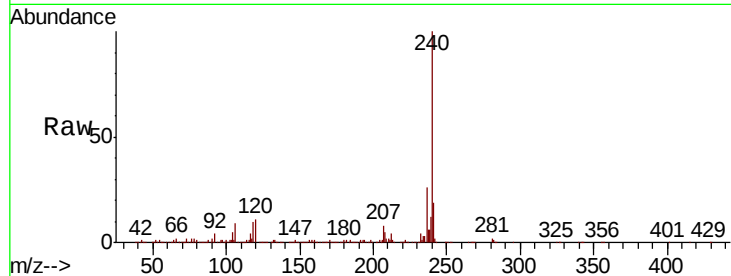




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.02 min Scan# 3083  
Delta R.T. 0.00 min  
Lab File: BM026388.D  
Acq: 15 Jun 2020 13:07

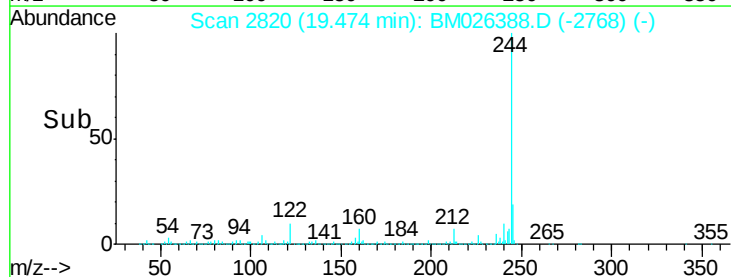
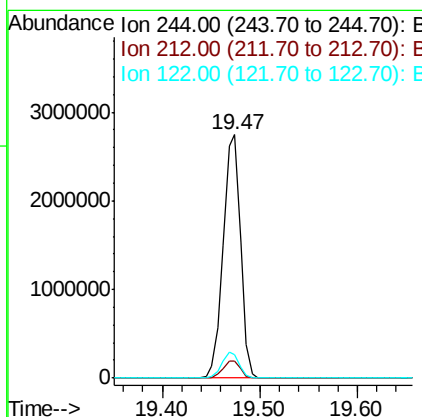
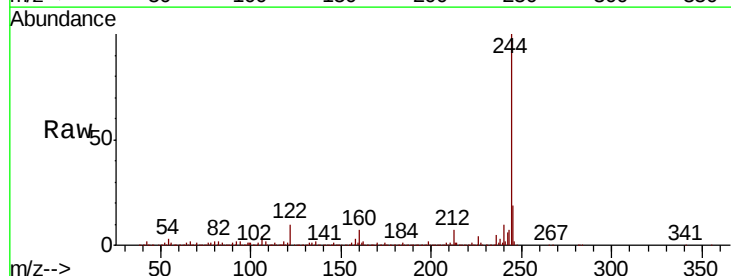
Instrument :  
BNA\_M  
ClientSampled :

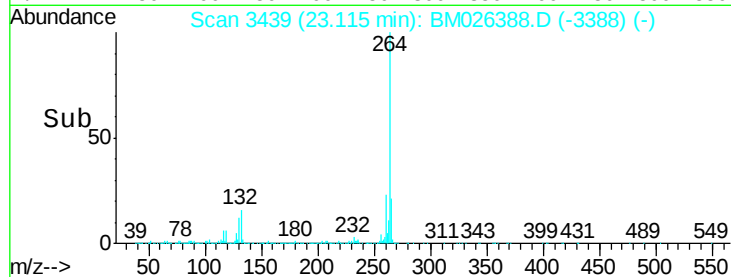
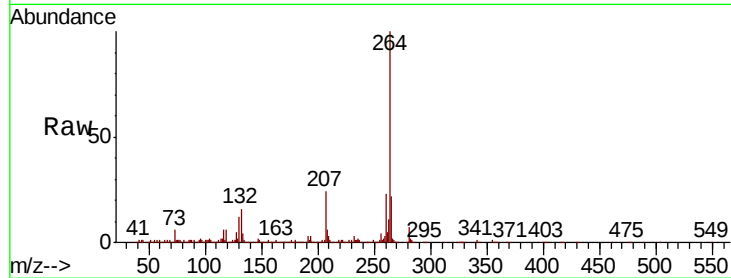
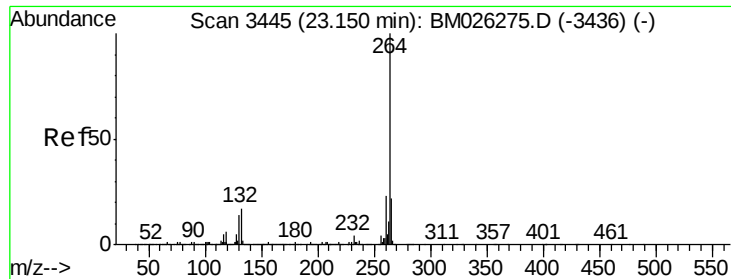
Tot Ion:240 Resp: 508612  
Ion Ratio Lower Upper  
240 100  
120 11.2 9.3 13.9  
236 25.6 19.4 29.0



#79  
Terphenyl-d14  
Concen: 128.836 ng  
RT: 19.47 min Scan# 2820  
Delta R.T. 0.01 min  
Lab File: BM026388.D  
Acq: 15 Jun 2020 13:07

Tgt Ion:244 Resp: 3375667  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 9.9 8.6 13.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.12 min Scan# 3439

Delta R.T. 0.00 min

Lab File: BM026388.D

Acq: 15 Jun 2020 13:07

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:264 Resp: 548396

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 22.0 17.8 26.6

