

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\  
 Data File : BM026740.D  
 Acq On : 10 Jul 2020 18:51  
 Operator : JU/CG  
 Sample : L3203-19  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RO-16

Quant Time: Jul 10 23:56:44 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 10 10:38:33 2020  
 Response via : Initial Calibration

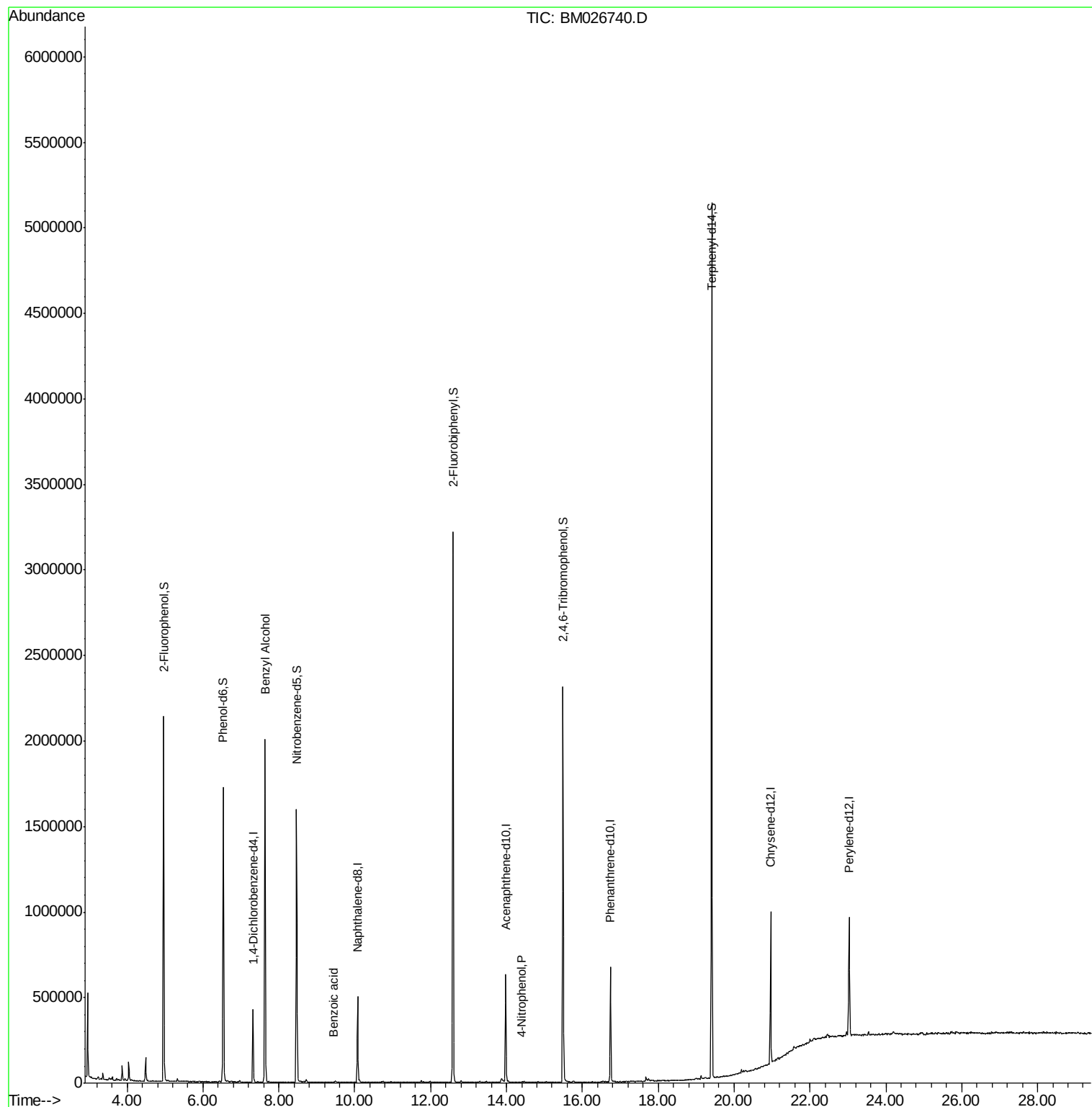
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.32  | 152  | 96489    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.07 | 136  | 349577   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 13.98 | 164  | 186681   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.74 | 188  | 363058   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 20.96 | 240  | 373954   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.03 | 264  | 400628   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 4.96  | 112  | 700108   | 121.61 | ng    | 0.00     |
| 7) Phenol-d6                | 6.53  | 99   | 783031   | 85.37  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.47  | 82   | 805076   | 98.25  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.49 | 330  | 345737   | 127.14 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.59 | 172  | 1478759  | 105.32 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.41 | 244  | 2167789  | 114.08 | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 15) Benzyl Alcohol          | 7.63  | 79   | 15826    | 2.017  | ng    | # 55     |
| 32) Benzoic acid            | 9.45  | 122  | 509      | 7.196  | ng    | # 74     |
| 56) 4-Nitrophenol           | 14.39 | 139  | 469      | 4.056  | ng    | # 1      |

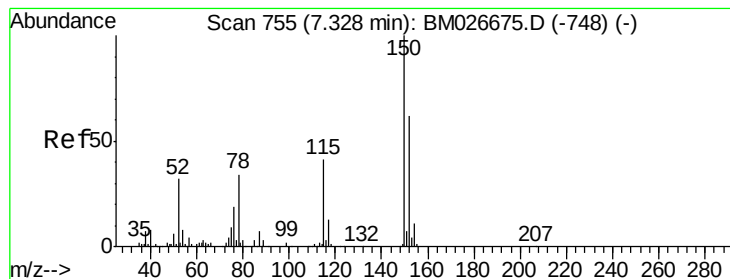
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\  
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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
RO-16

Quant Time: Jul 10 23:56:44 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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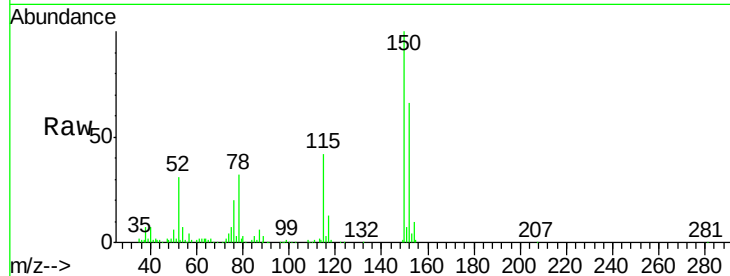


#1

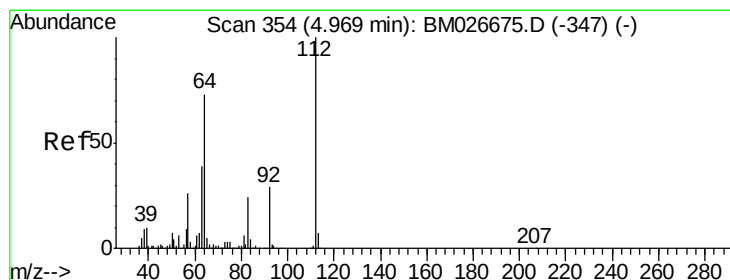
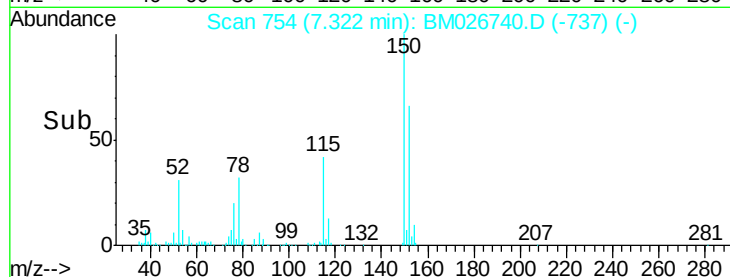
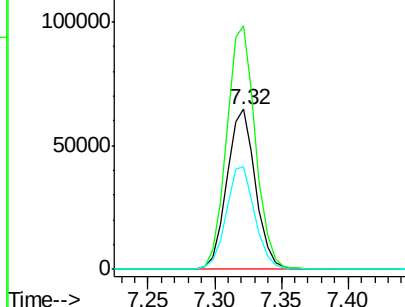
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.32 min Scan# 754  
Delta R.T. -0.00 min  
Lab File: BM026740.D  
Acq: 10 Jul 2020 18:51

Instrument :  
BNA\_M  
ClientSampleId :  
RO-16

Tot Ion:152 Resp: 96489  
Ion Ratio Lower Upper  
152 100  
150 152.2 128.1 192.1  
115 63.9 52.2 78.4



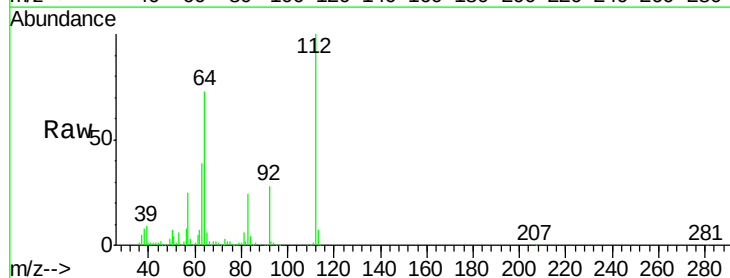
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



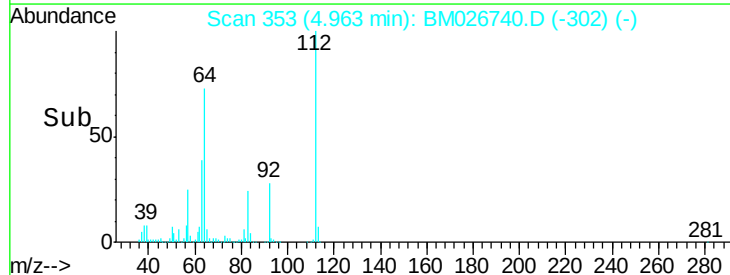
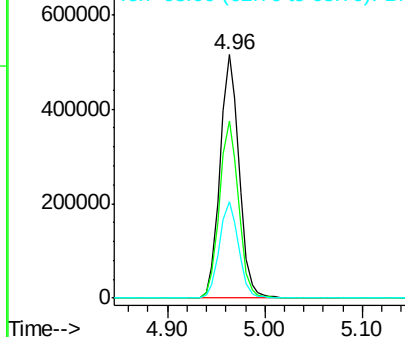
#5

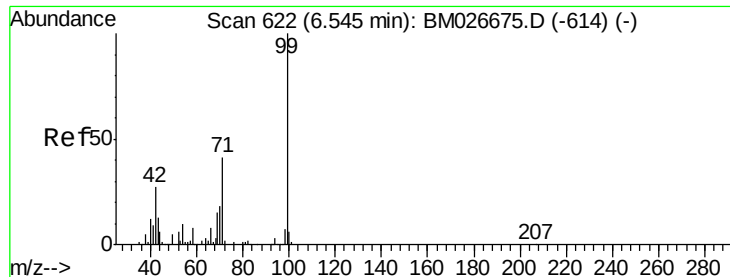
2-Fluorophenol  
Concen: 121.614 ng  
RT: 4.96 min Scan# 353  
Delta R.T. -0.00 min  
Lab File: BM026740.D  
Acq: 10 Jul 2020 18:51

Tgt Ion:112 Resp: 700108  
Ion Ratio Lower Upper  
112 100  
64 72.5 58.4 87.6  
63 39.4 31.5 47.3



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: 85.372 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

Instrument :

BNA\_M

ClientSampleId :

RO-16

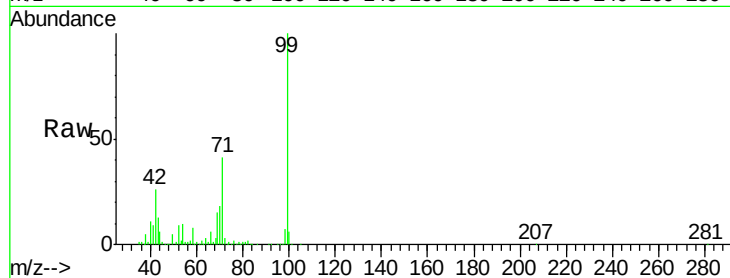
Tot Ion: 99 Resp: 783031

Ion Ratio Lower Upper

99 100

42 25.7 21.7 32.5

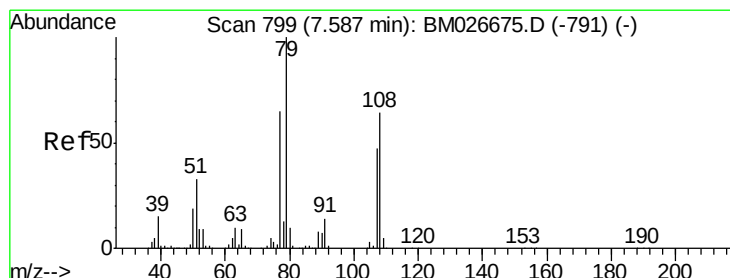
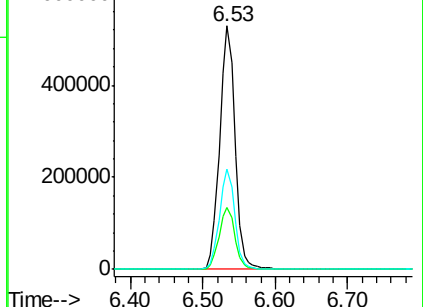
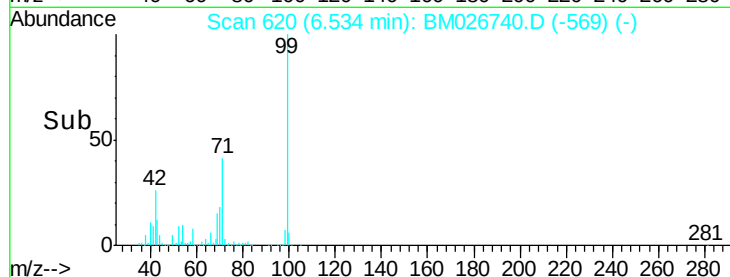
71 41.1 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)



#15

Benzyl Alcohol

Concen: 2.017 ng

RT: 7.63 min Scan# 807

Delta R.T. 0.06 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

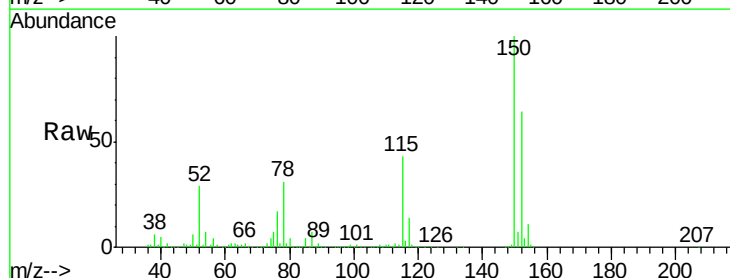
Tgt Ion: 79 Resp: 15826

Ion Ratio Lower Upper

79 100

108 36.8 51.0 76.4#

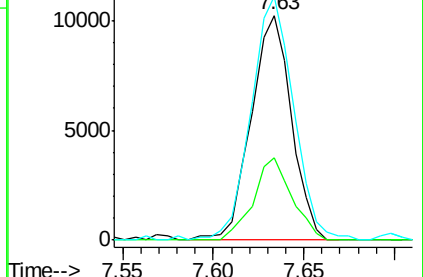
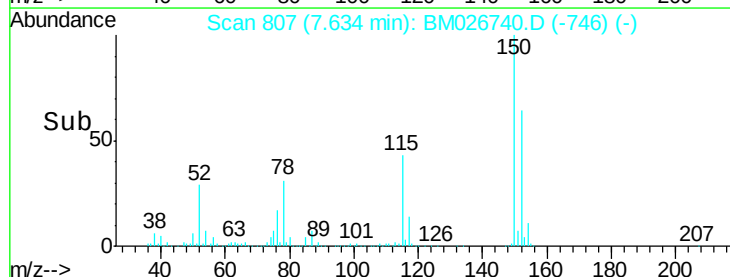
77 108.3 52.1 78.1#

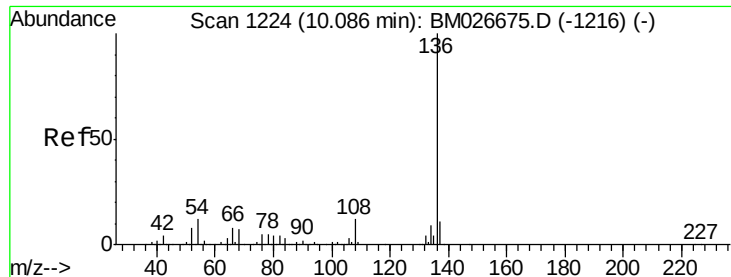


Abundance Ion 79.00 (78.70 to 79.70): BM026675.D (-791) (-)

Ion 108.00 (107.70 to 108.70): BM026675.D (-791) (-)

Ion 77.00 (76.70 to 77.70): BM026675.D (-791) (-)

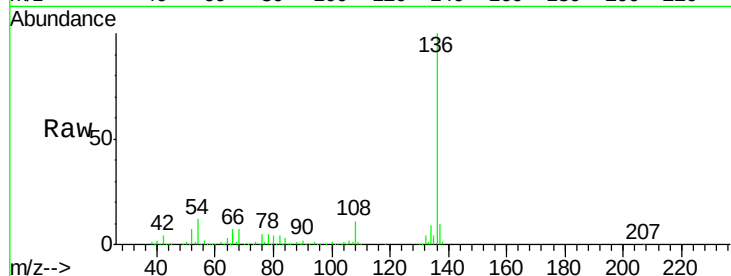




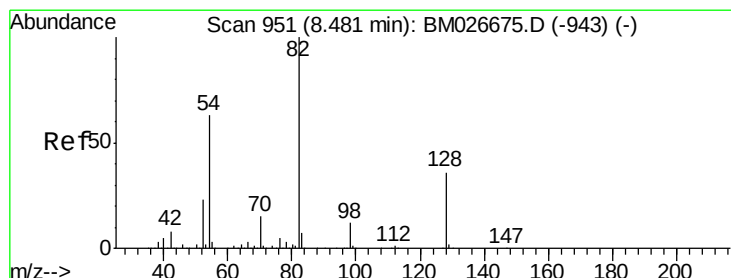
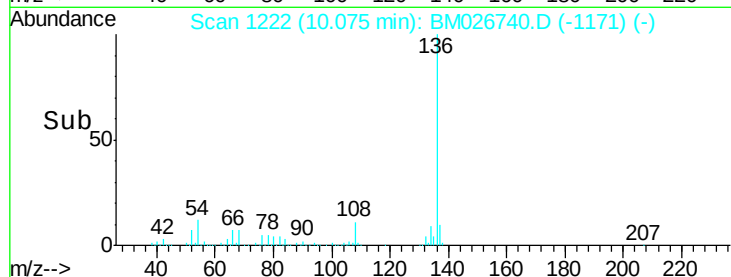
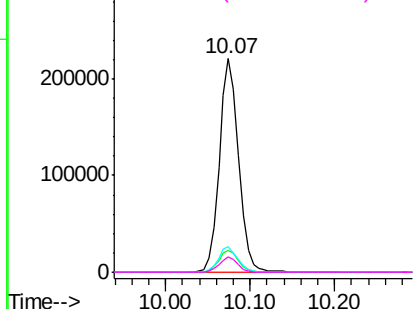
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.07 min Scan# 1222  
Delta R.T. -0.00 min  
Lab File: BM026740.D  
Acq: 10 Jul 2020 18:51

Instrument :  
BNA\_M  
ClientSampleId :  
RO-16

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 349577 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.0    | 8.6   | 12.8   |
| 54 11.9     | 9.8   | 14.6   |
| 68 7.0      | 5.8   | 8.6    |

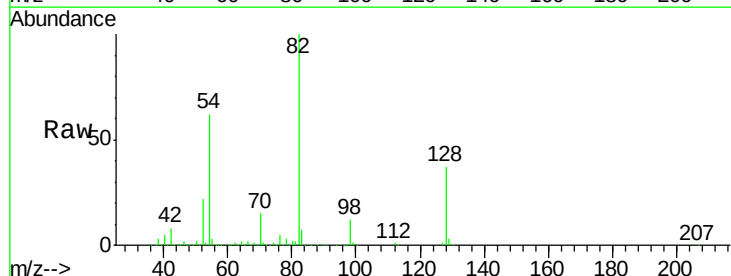


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

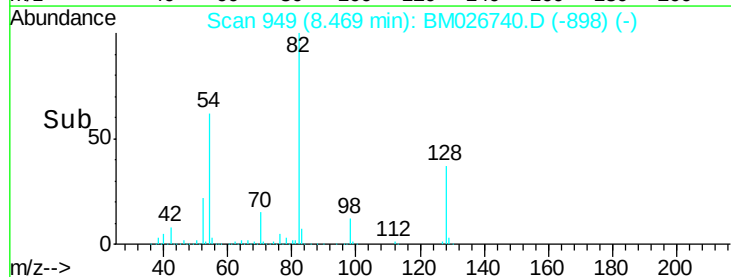
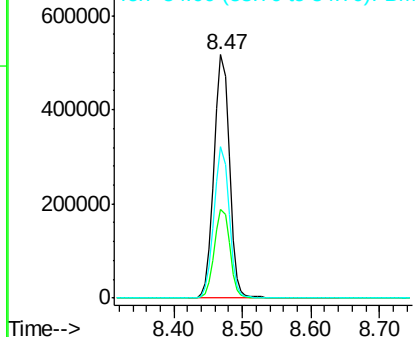


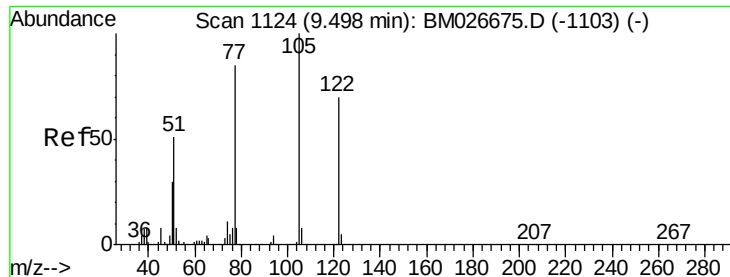
#23  
Nitrobenzene-d5  
Concen: 98.253 ng  
RT: 8.47 min Scan# 949  
Delta R.T. -0.00 min  
Lab File: BM026740.D  
Acq: 10 Jul 2020 18:51

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion: 82 | Resp: | 805076 |
| Ion | Ratio   | Lower | Upper  |
| 82  | 100     |       |        |
| 128 | 36.6    | 29.1  | 43.7   |
| 54  | 62.1    | 50.2  | 75.4   |



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

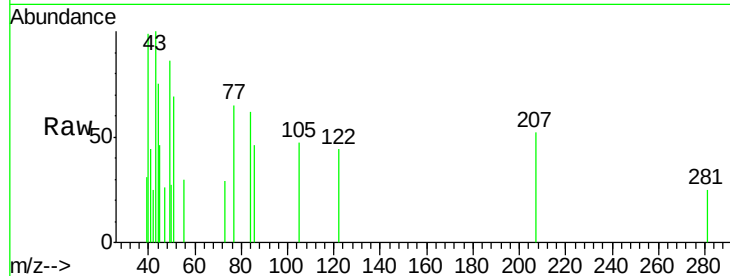




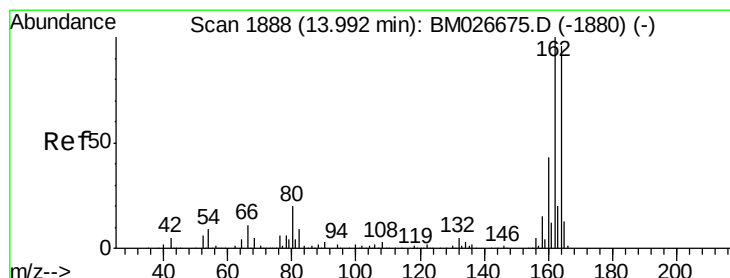
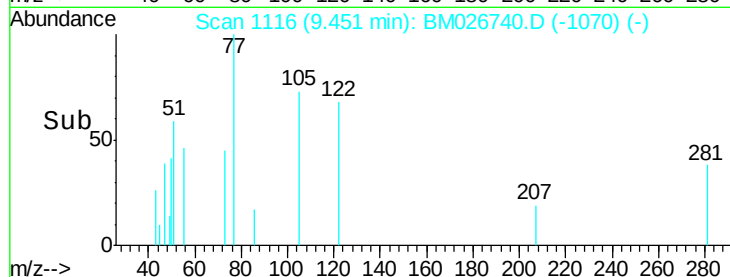
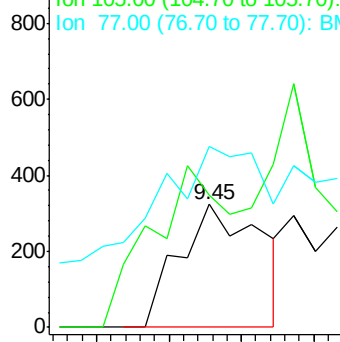
#32  
Benzoic acid  
Concen: 7.196 ng  
RT: 9.45 min Scan# 1116  
Delta R.T. -0.03 min  
Lab File: BM026740.D  
Acq: 10 Jul 2020 18:51

Instrument :  
BNA\_M  
ClientSampled :  
RO-16

Tot Ion:122 Resp: 509  
Ion Ratio Lower Upper  
122 100  
105 107.1 120.9 160.9#  
77 146.9 100.0 140.0#

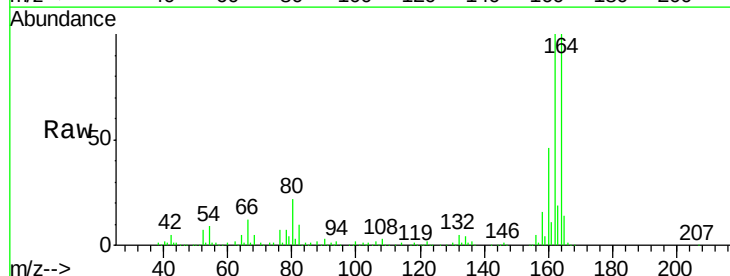


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM0

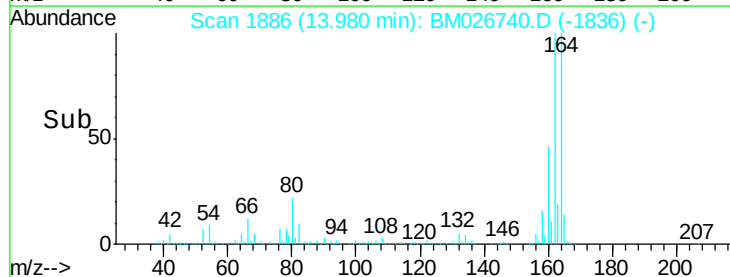
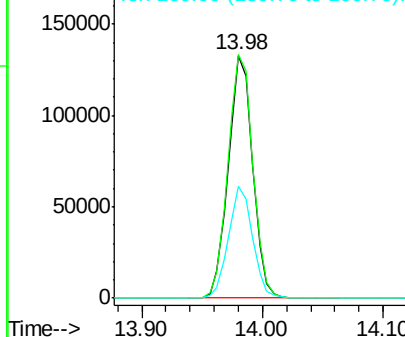


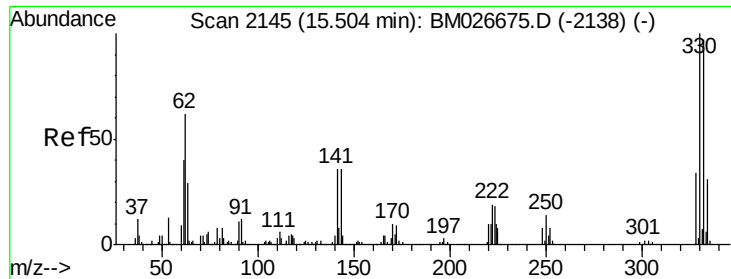
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 13.98 min Scan# 1886  
Delta R.T. -0.01 min  
Lab File: BM026740.D  
Acq: 10 Jul 2020 18:51

Tgt Ion:164 Resp: 186681  
Ion Ratio Lower Upper  
164 100  
162 100.4 83.7 125.5  
160 45.9 36.2 54.2



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

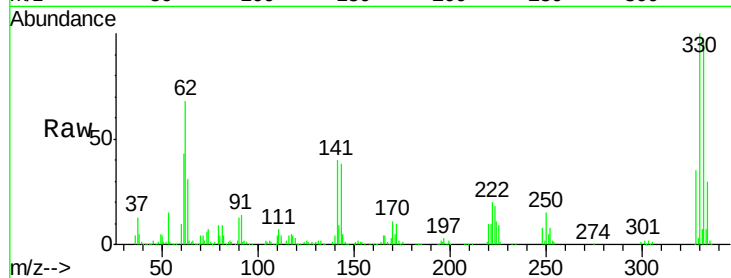




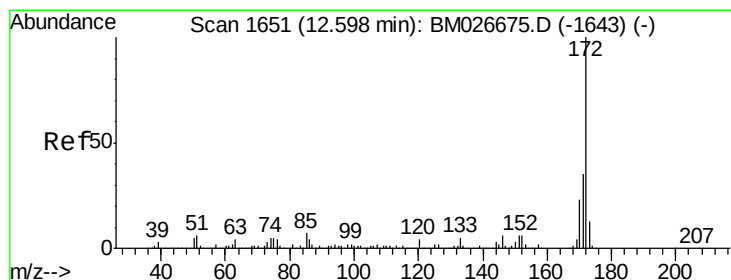
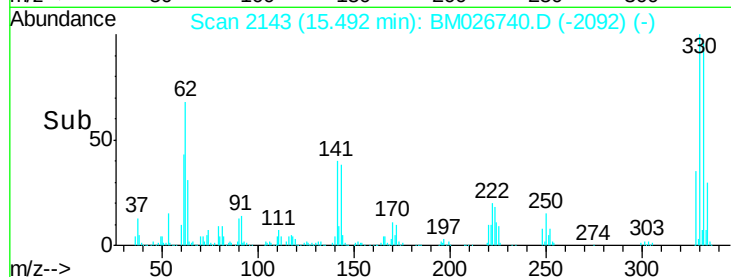
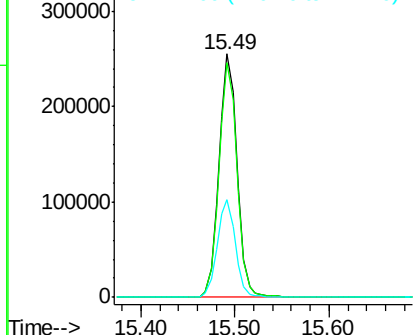
#42  
 2,4,6-Tribromophenol  
 Concen: 127.139 ng  
 RT: 15.49 min Scan# 2143  
 Delta R.T. -0.00 min  
 Lab File: BM026740.D  
 Acq: 10 Jul 2020 18:51

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RO-16

Tot Ion:330 Resp: 345737  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.5 116.3  
 141 40.3 32.4 48.6

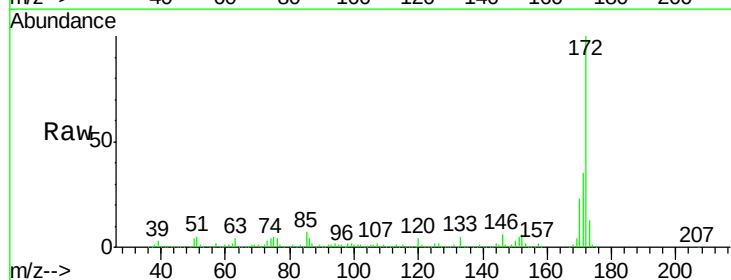


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

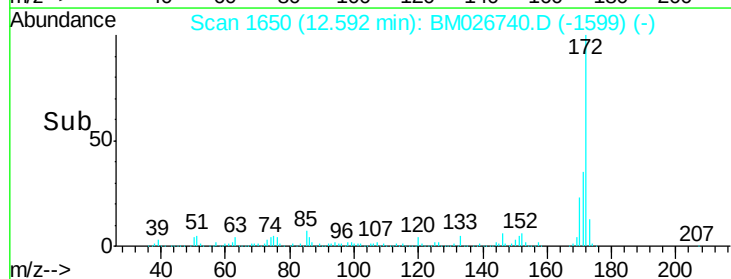
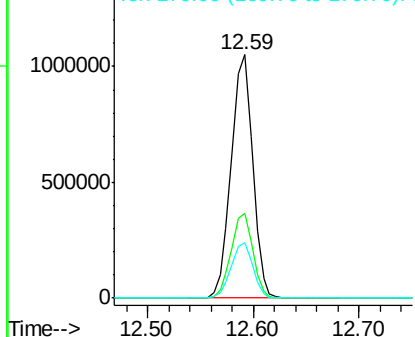


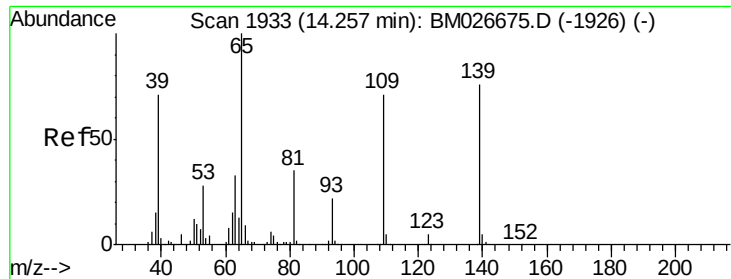
#45  
 2-Fluorobiphenyl  
 Concen: 105.324 ng  
 RT: 12.59 min Scan# 1650  
 Delta R.T. -0.00 min  
 Lab File: BM026740.D  
 Acq: 10 Jul 2020 18:51

Tgt Ion:172 Resp: 1478759  
 Ion Ratio Lower Upper  
 172 100  
 171 35.1 27.8 41.6  
 170 22.7 18.5 27.7



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





#56

4-Nitrophenol

Concen: 4.056 ng

RT: 14.39 min Scan# 1956

Delta R.T. 0.14 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

Instrument :

BNA\_M

ClientSampleId :

RO-16

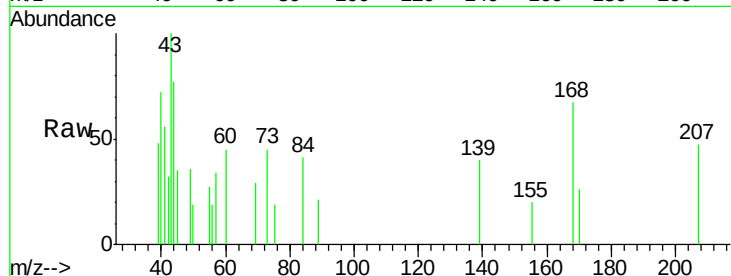
Tot Ion:139 Resp: 469

Ion Ratio Lower Upper

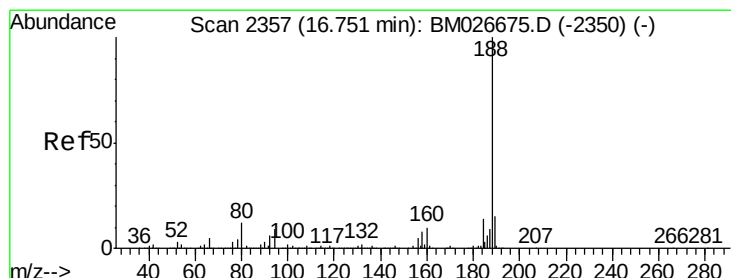
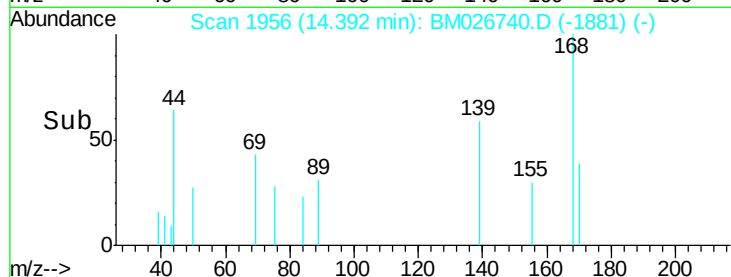
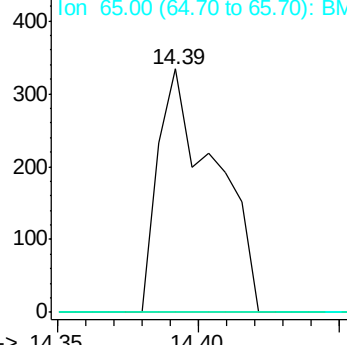
139 100

109 0.0 73.7 113.7#

65 0.0 111.5 151.5#



Abundance Ion 139.00 (138.70 to 139.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

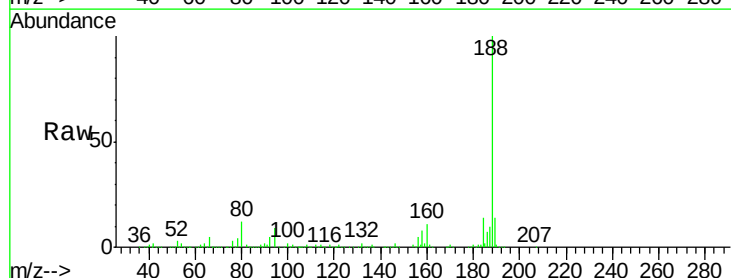
Tgt Ion:188 Resp: 363058

Ion Ratio Lower Upper

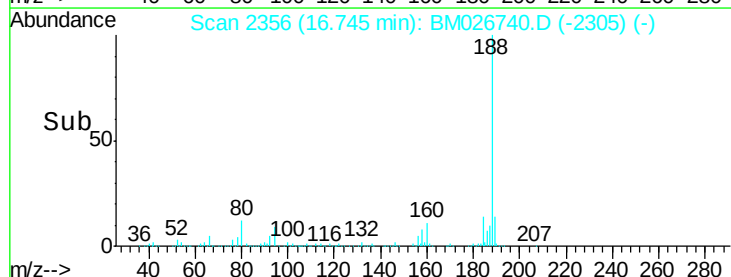
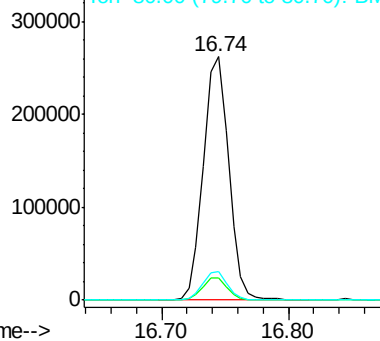
188 100

94 8.9 7.4 11.0

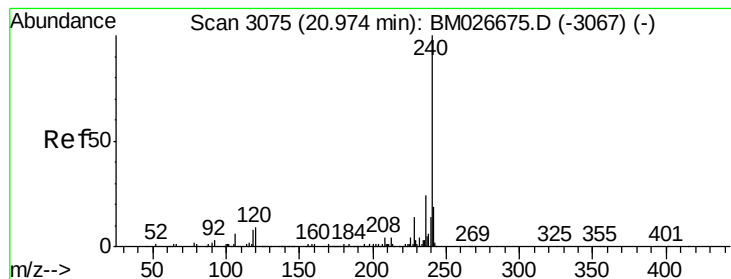
80 11.6 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E







#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.96 min Scan# 3073

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

Instrument :

BNA\_M

ClientSampleId :

RO-16

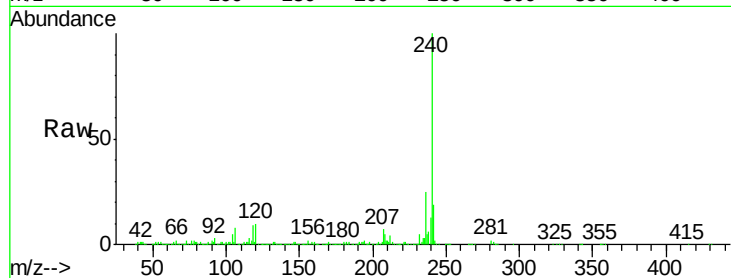
Tot Ion:240 Resp: 373954

Ion Ratio Lower Upper

240 100

120 10.2 7.3 10.9

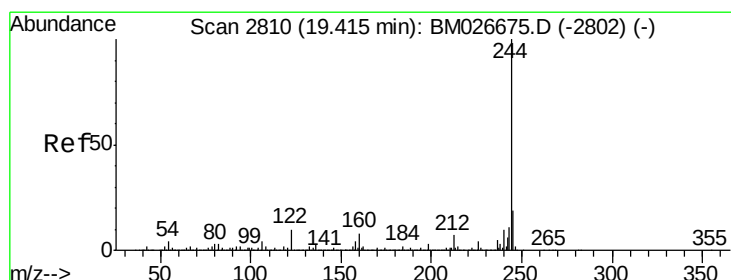
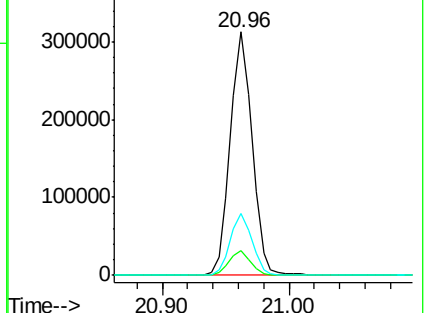
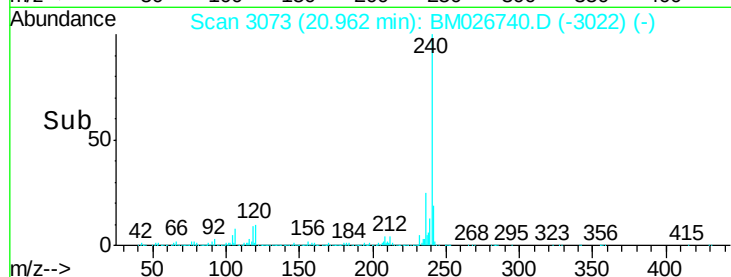
236 25.4 19.4 29.2



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: 114.085 ng

RT: 19.41 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM026740.D

Acq: 10 Jul 2020 18:51

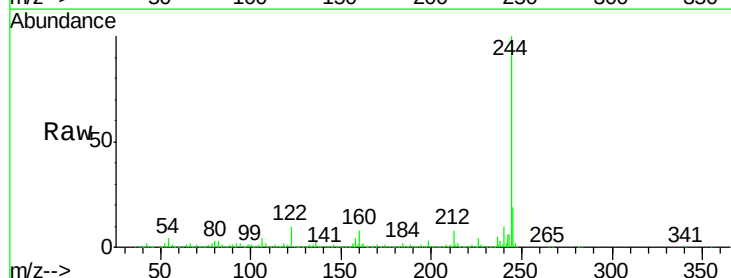
Tgt Ion:244 Resp: 2167789

Ion Ratio Lower Upper

244 100

212 7.6 5.9 8.9

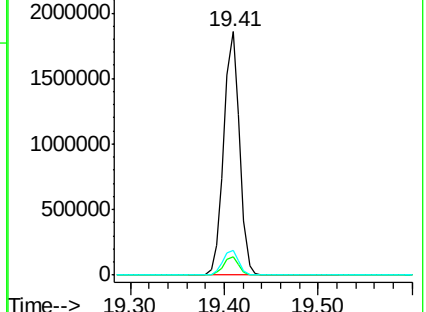
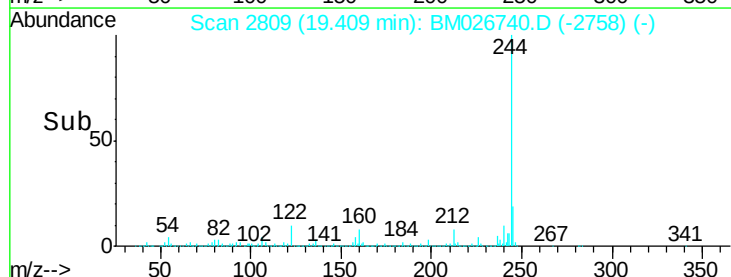
122 10.1 8.2 12.4

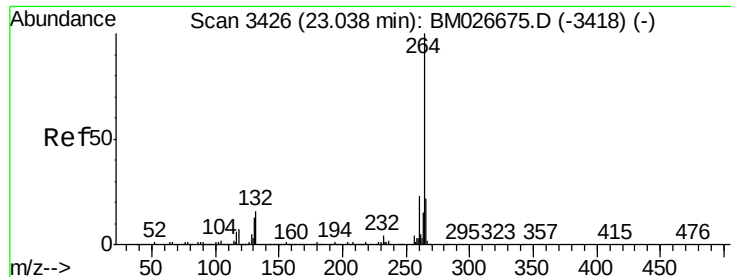


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

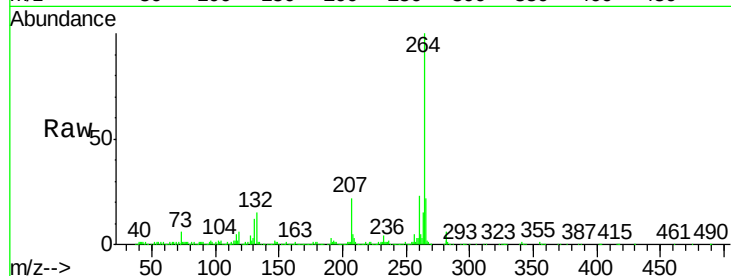




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.03 min Scan# 3425  
Delta R.T. -0.00 min  
Lab File: BM026740.D  
Acq: 10 Jul 2020 18:51

Instrument :  
BNA\_M  
ClientSampleId :  
RO-16

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.9  | 18.2  | 27.2  |
| 265     | 21.7  | 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

