

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM051419\  
 Data File : BM020329.D  
 Acq On : 14 May 2019 13:01  
 Operator : JU/SJ  
 Sample : K2759-01RE  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-0D015-03-004RE

Quant Time: May 14 15:52:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 14 15:47:15 2019  
 Response via : Initial Calibration

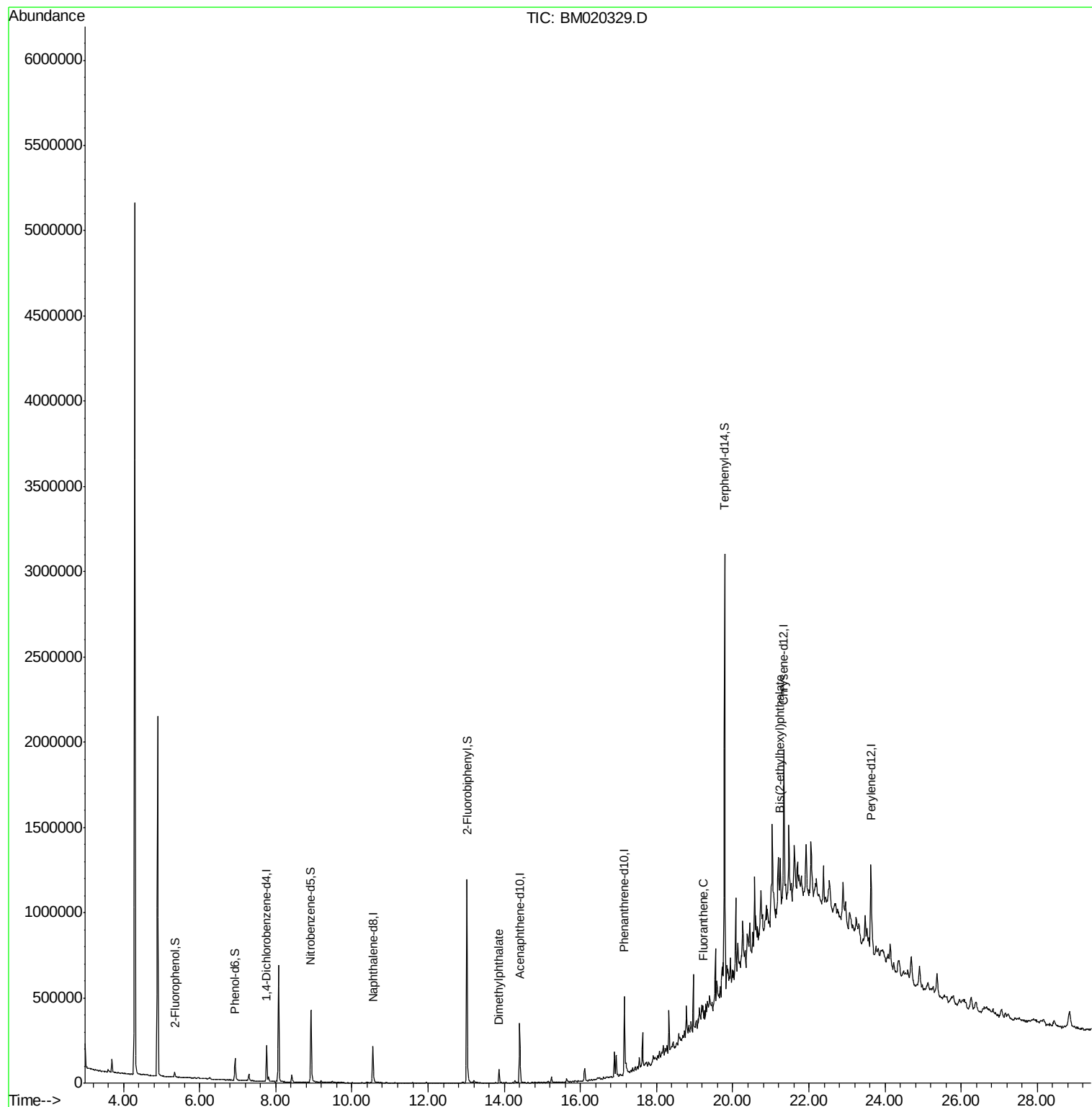
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)   |
|--------------------------------|-------|------|----------|-------|-------|------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.76  | 152  | 56144    | 20.00 | ng    | 0.00       |
| 21) Naphthalene-d8             | 10.55 | 136  | 184756   | 20.00 | ng    | 0.00       |
| 39) Acenaphthene-d10           | 14.40 | 164  | 116365   | 20.00 | ng    | 0.00       |
| 64) Phenanthrene-d10           | 17.16 | 188  | 288444   | 20.00 | ng    | 0.00       |
| 76) Chrysene-d12               | 21.34 | 240  | 331873   | 20.00 | ng    | 0.00       |
| 87) Perylene-d12               | 23.63 | 264  | 391684   | 20.00 | ng    | 0.00       |
| System Monitoring Compounds    |       |      |          |       |       |            |
| 5) 2-Fluorophenol              | 5.35  | 112  | 12223    | 3.56  | ng    | 0.00       |
| 7) Phenol-d6                   | 6.93  | 99   | 81572    | 17.38 | ng    | 0.00       |
| 23) Nitrobenzene-d5            | 8.92  | 82   | 301773   | 64.49 | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol       | 0.00  | 330  | 0        | 0.00  | ng    | 0.00       |
| 45) 2-Fluorobiphenyl           | 13.02 | 172  | 641143   | 67.79 | ng    | 0.00       |
| 79) Terphenyl-d14              | 19.79 | 244  | 1202775  | 63.21 | ng    | 0.00       |
| Target Compounds               |       |      |          |       |       |            |
| 50) Dimethylphthalate          | 13.86 | 163  | 51283    | 5.185 | ng    | Qvalue 100 |
| 75) Fluoranthene               | 19.22 | 202  | 41211    | 2.046 | ng    | 94         |
| 84) Bis(2-ethylhexyl)phthalate | 21.24 | 149  | 44689    | 3.554 | ng    | 92         |

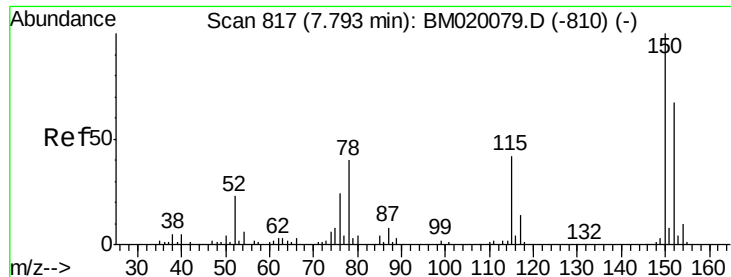
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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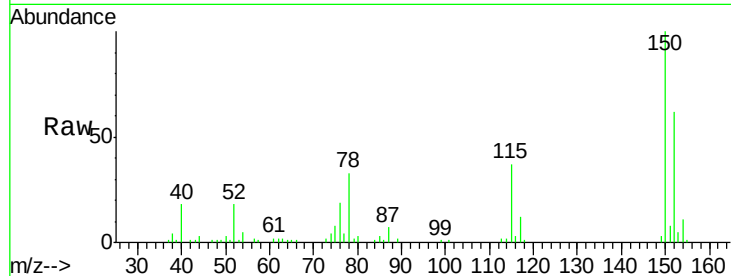


#1

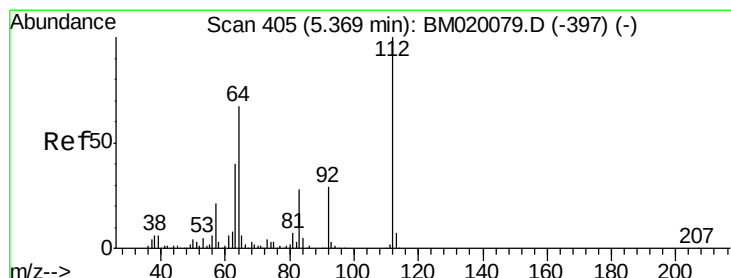
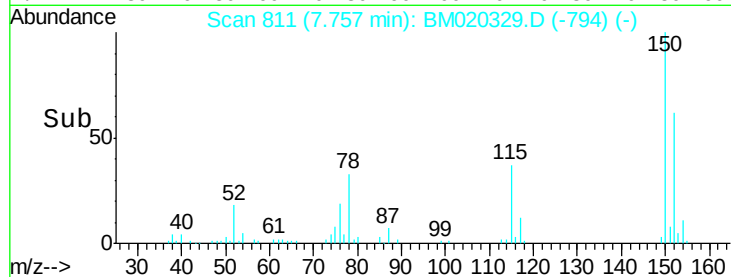
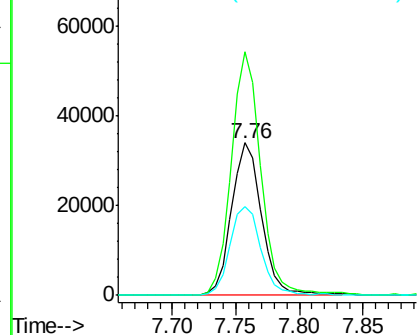
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.76 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: BM020329.D  
 Acq: 14 May 2019 13:01

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-0D015-03-004RE

Tgt Ion:152 Resp: 56144  
 Ion Ratio Lower Upper  
 152 100  
 150 160.1 120.3 180.5  
 115 58.6 49.2 73.8



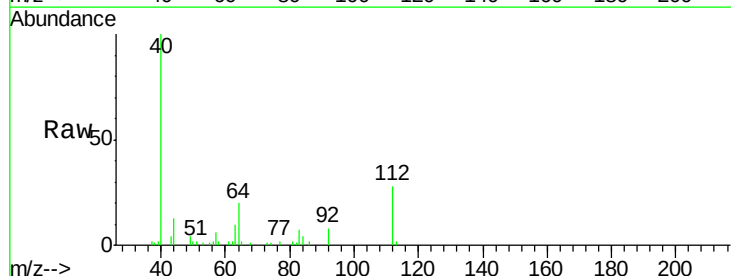
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



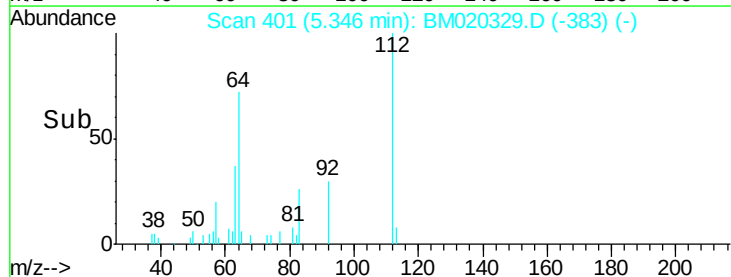
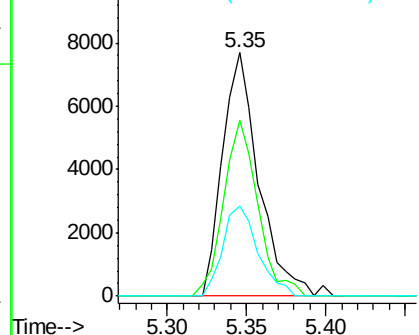
#5

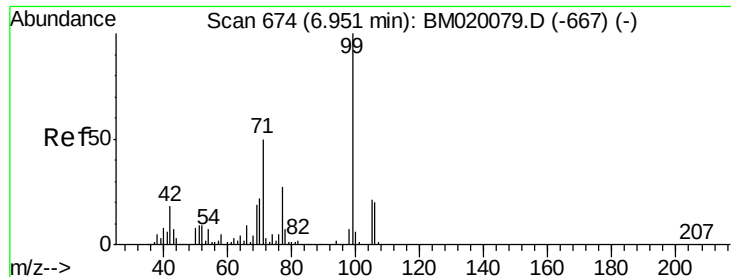
2-Fluorophenol  
 Concen: 3.559 ng  
 RT: 5.35 min Scan# 401  
 Delta R.T. 0.01 min  
 Lab File: BM020329.D  
 Acq: 14 May 2019 13:01

Tgt Ion:112 Resp: 12223  
 Ion Ratio Lower Upper  
 112 100  
 64 72.2 50.1 75.1  
 63 36.9 27.4 41.2



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: 17.384 ng

RT: 6.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM020329.D

Acq: 14 May 2019 13:01

Instrument :

BNA\_M

ClientSampleId :

FK-0D015-03-004RE

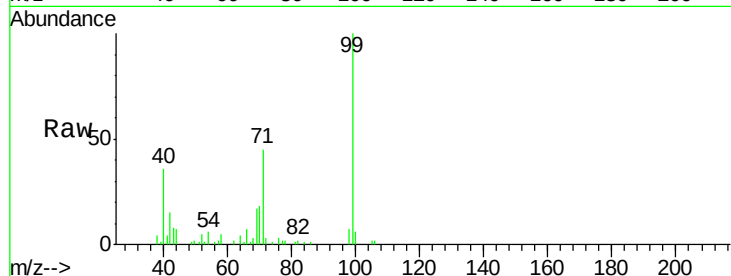
Tgt Ion: 99 Resp: 81572

Ion Ratio Lower Upper

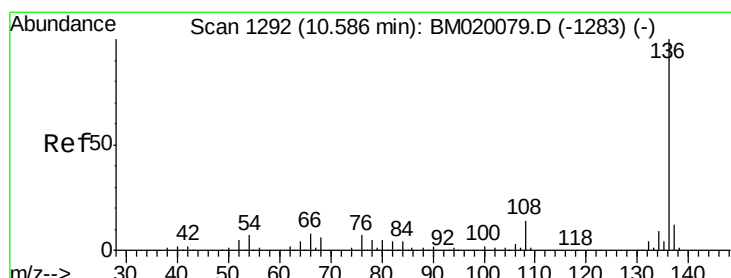
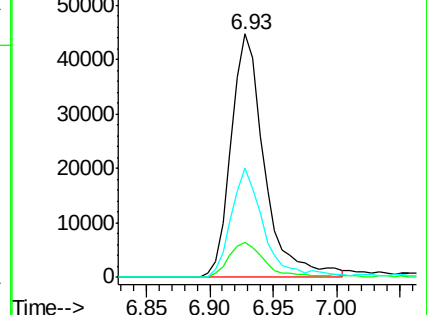
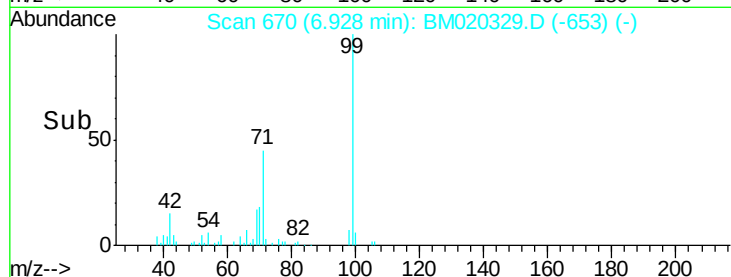
99 100

42 14.6 11.2 16.8

71 44.9 35.6 53.4



Abundance Ion 99.00 (98.70 to 99.70): BM020329.D (-653) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BM020329.D

Acq: 14 May 2019 13:01

Tgt Ion: 136 Resp: 184756

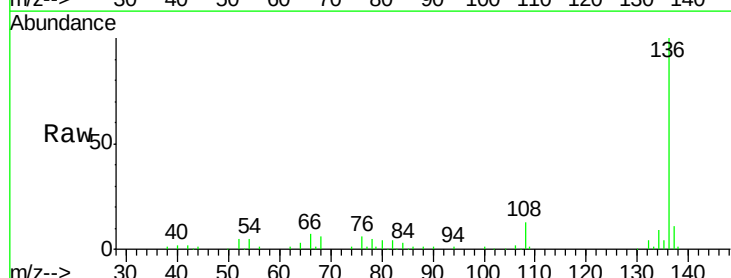
Ion Ratio Lower Upper

136 100

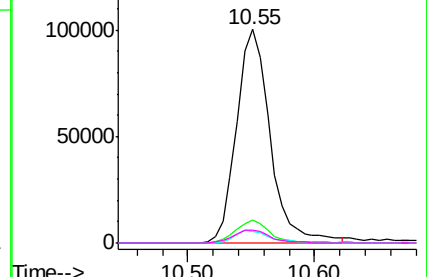
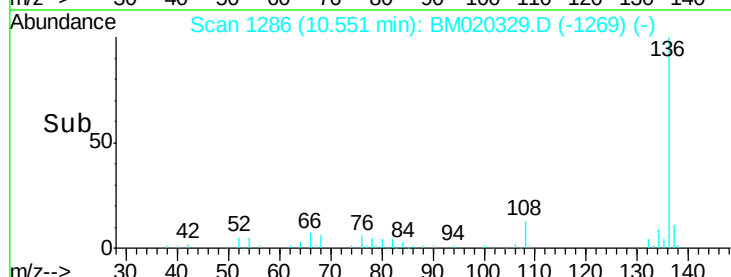
137 10.8 9.0 13.6

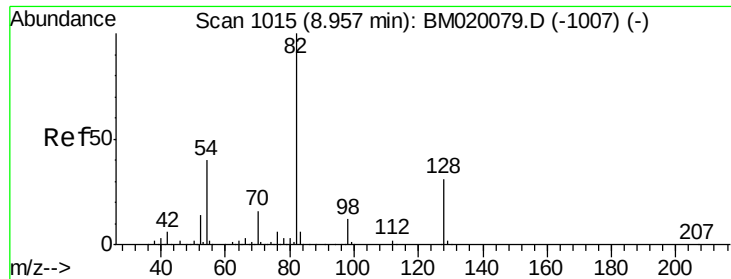
54 5.5 5.3 7.9

68 6.0 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): BM020329.D (-1269) (-)

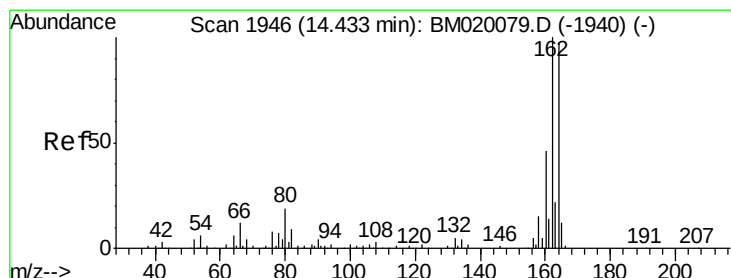
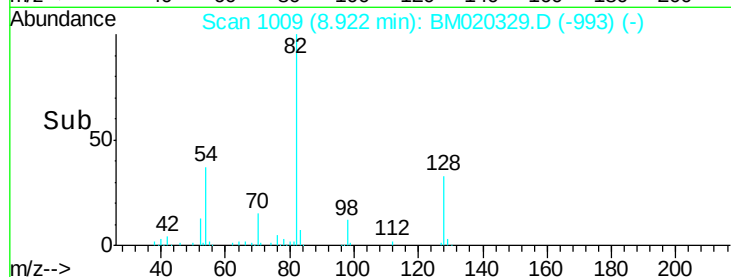
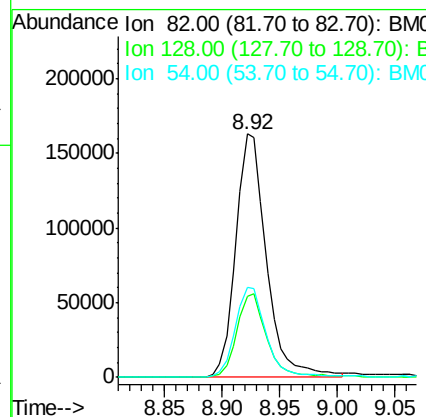
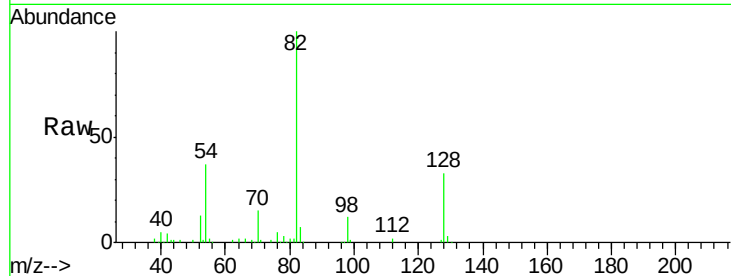




#23  
Nitrobenzene-d5  
Concen: 64.485 ng  
RT: 8.92 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BM020329.D  
Acq: 14 May 2019 13:01

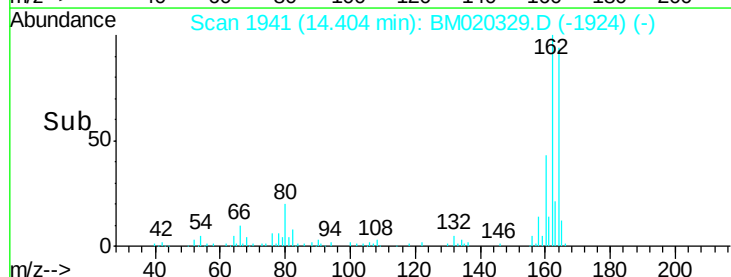
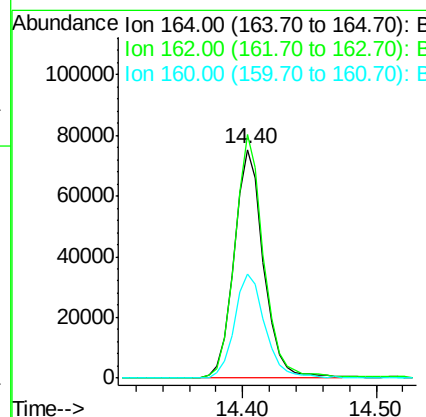
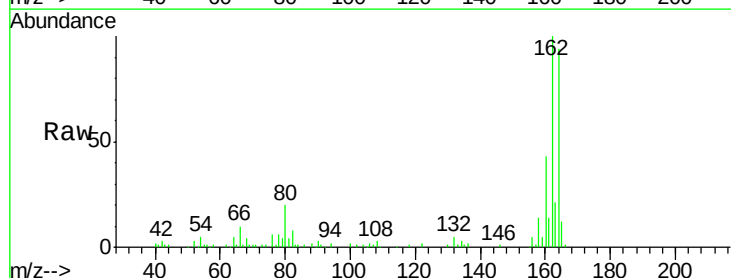
Instrument :  
BNA\_M  
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FK-0D015-03-004RE

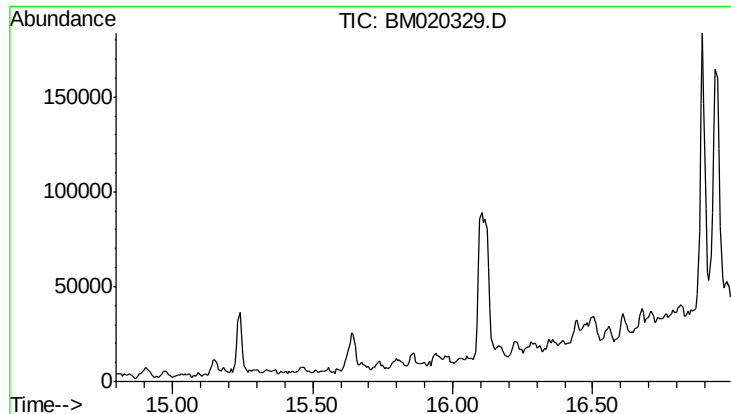
Tgt Ion: 82 Resp: 301773  
Ion Ratio Lower Upper  
82 100  
128 33.1 26.9 40.3  
54 36.8 28.6 43.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.40 min Scan# 1941  
Delta R.T. 0.00 min  
Lab File: BM020329.D  
Acq: 14 May 2019 13:01

Tgt Ion: 164 Resp: 116365  
Ion Ratio Lower Upper  
164 100  
162 106.6 77.5 116.3  
160 45.3 35.8 53.6



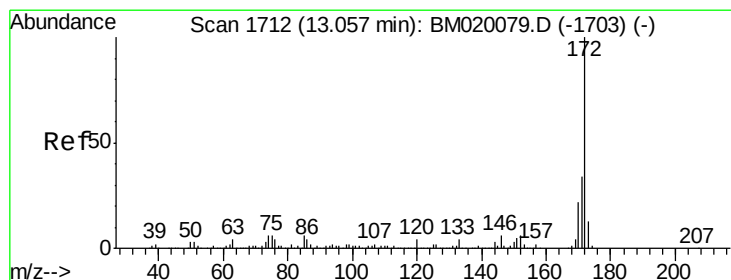
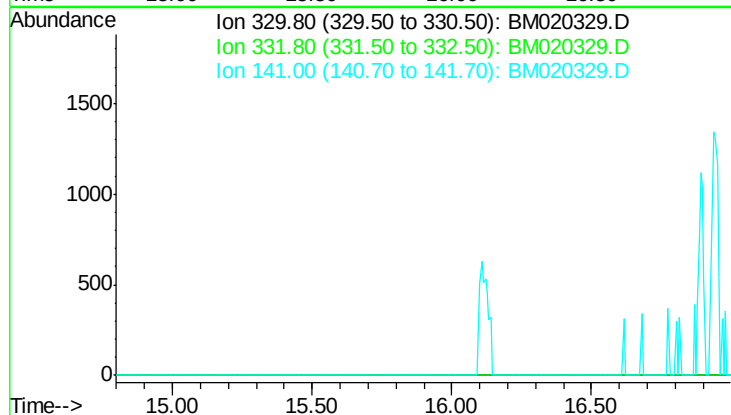


#42  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 15.90 min  
 Lab File: BM020329.D  
 Acq: 14 May 2019 13:01

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-0D015-03-004RE

Tgt Ion: 330  

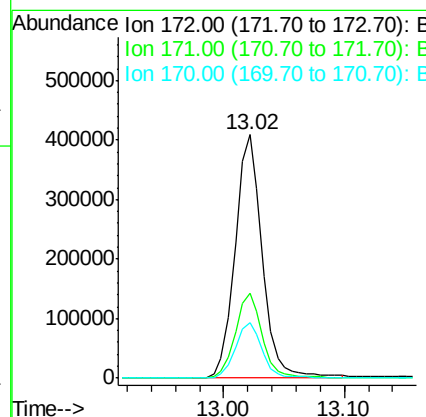
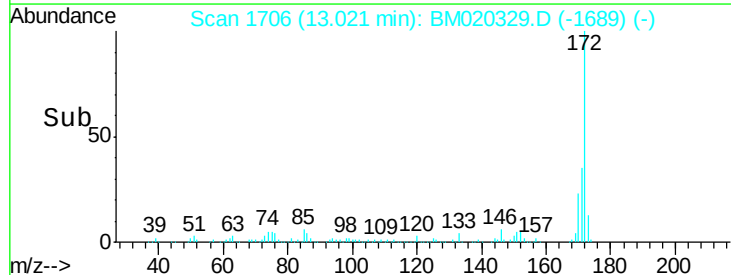
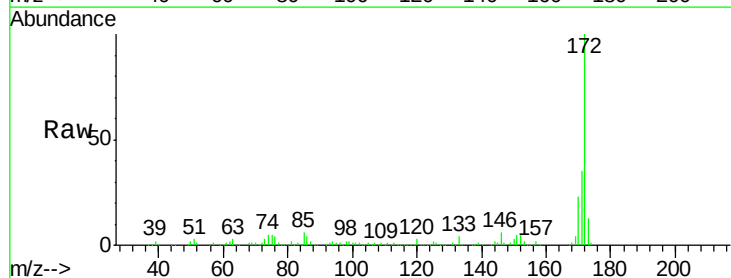
| Sig | Exp Ratio |
|-----|-----------|
| 330 | 100       |
| 332 | 97.0      |
| 141 | 32.1      |

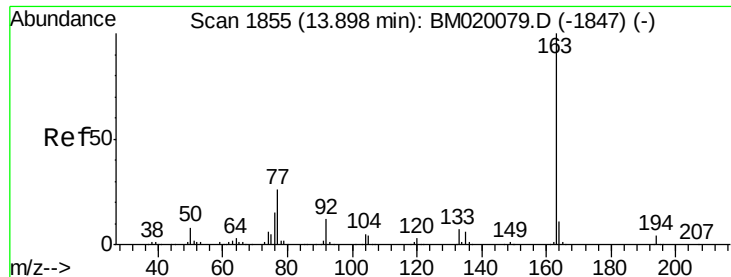


#45  
 2-Fluorobiphenyl  
 Concen: 67.790 ng  
 RT: 13.02 min Scan# 1706  
 Delta R.T. 0.00 min  
 Lab File: BM020329.D  
 Acq: 14 May 2019 13:01

Tgt Ion: 172 Resp: 641143  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 34.8  | 28.2  | 42.4  |
| 170 | 22.6  | 18.3  | 27.5  |





#50

Dimethylphthalate

Concen: 5.185 ng

RT: 13.86 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BM020329.D

Acq: 14 May 2019 13:01

Instrument :

BNA\_M

ClientSampleId :

FK-0D015-03-004RE

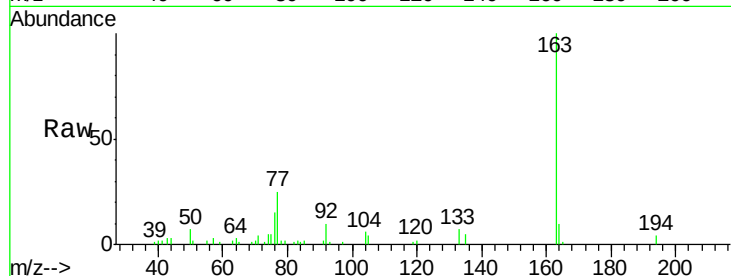
Tgt Ion:163 Resp: 51283

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

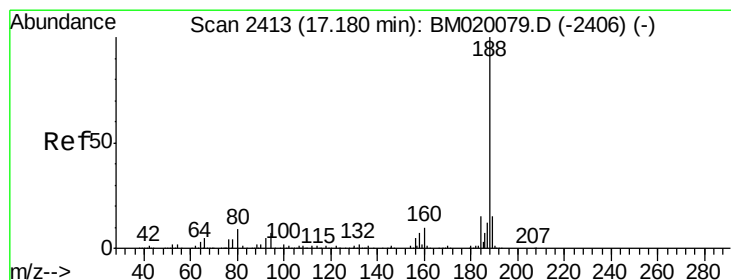
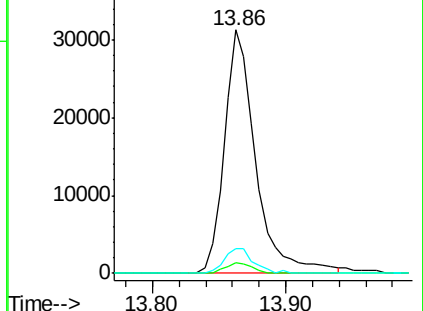
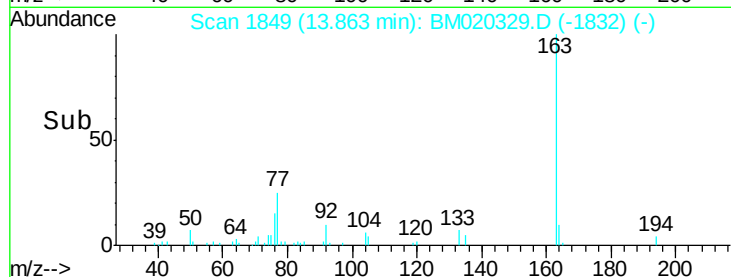
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM020329.D

Acq: 14 May 2019 13:01

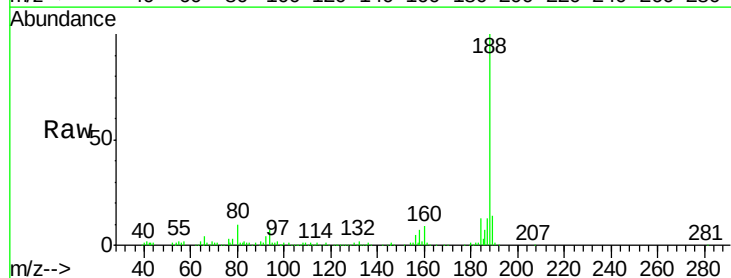
Tgt Ion:188 Resp: 288444

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

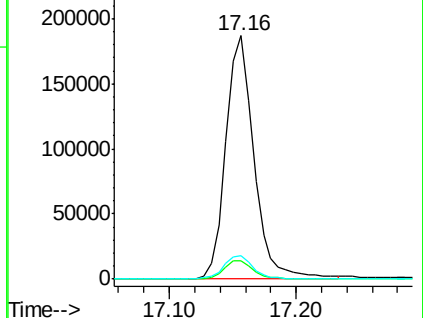
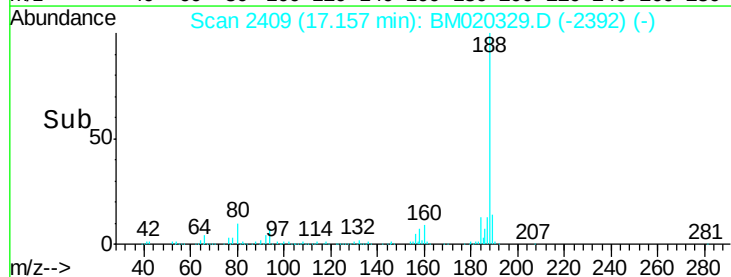
80 9.5 7.4 11.2

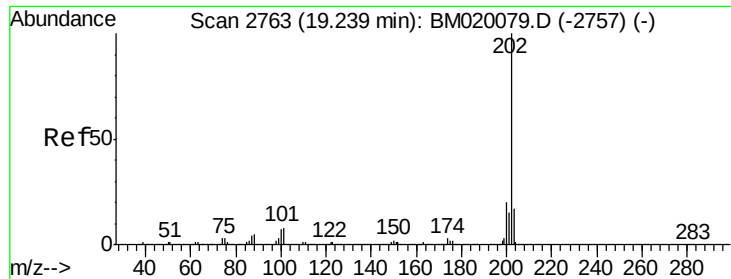


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.046 ng

RT: 19.22 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BM020329.D

Acq: 14 May 2019 13:01

Instrument :

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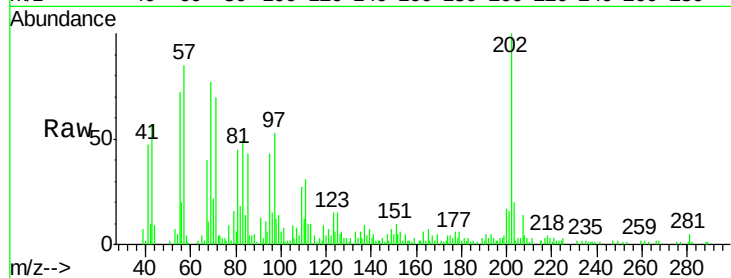
Tgt Ion:202 Resp: 41211

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.7

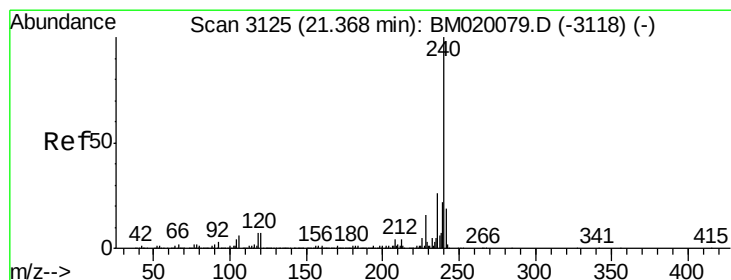
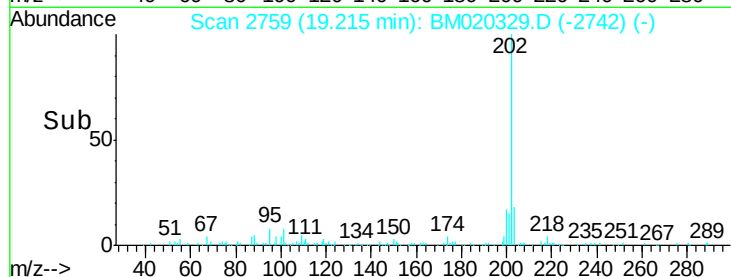
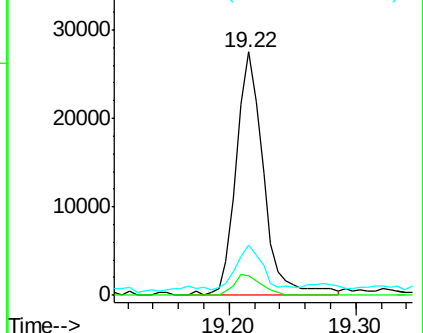
203 20.4 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.34 min Scan# 3121

Delta R.T. 0.00 min

Lab File: BM020329.D

Acq: 14 May 2019 13:01

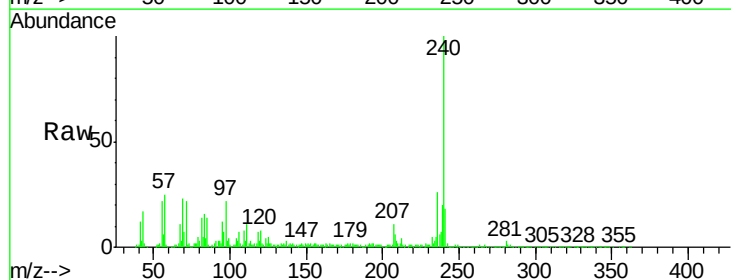
Tgt Ion:240 Resp: 331873

Ion Ratio Lower Upper

240 100

120 8.0 6.1 9.1

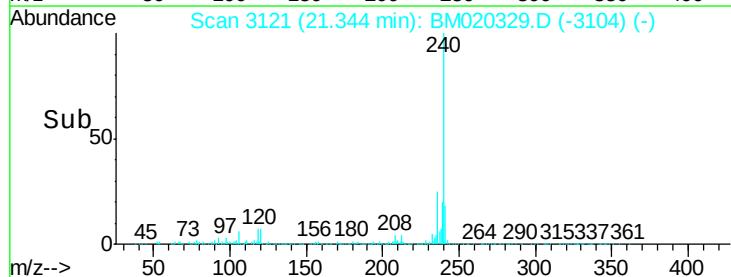
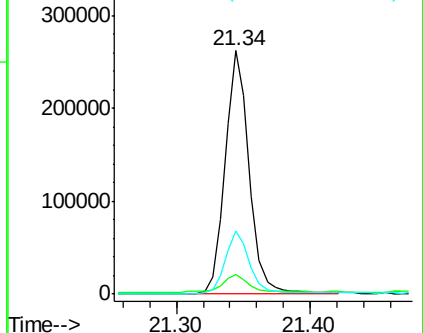
236 25.7 20.2 30.2



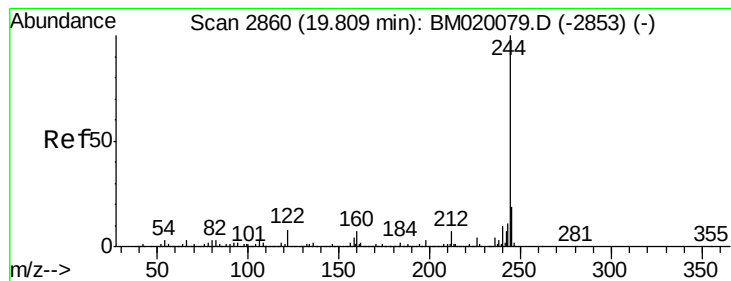
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#79

Terphenyl-d14

Concen: 63.214 ng

RT: 19.79 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BM020329.D

Acq: 14 May 2019 13:01

Instrument :

BNA\_M

ClientSampleId :

FK-0D015-03-004RE

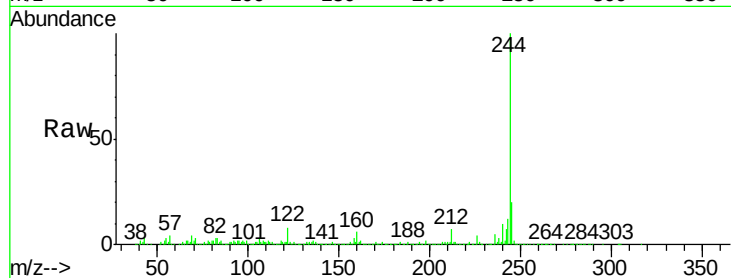
Tgt Ion:244 Resp: 1202775

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

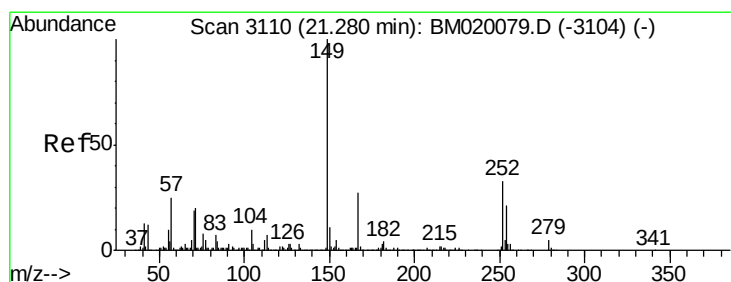
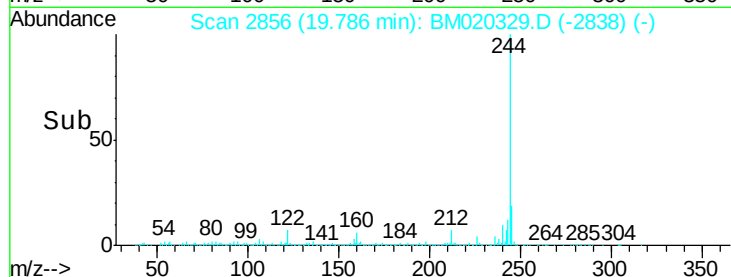
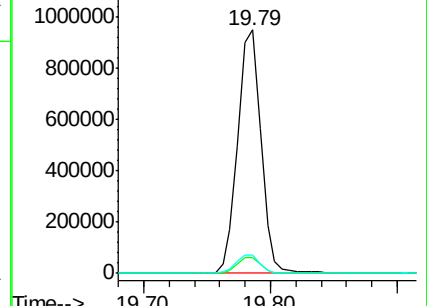
122 7.6 6.3 9.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.554 ng

RT: 21.24 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM020329.D

Acq: 14 May 2019 13:01

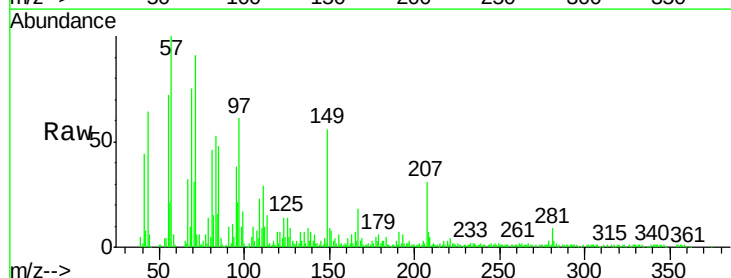
Tgt Ion:149 Resp: 44689

Ion Ratio Lower Upper

149 100

167 32.0 22.1 33.1

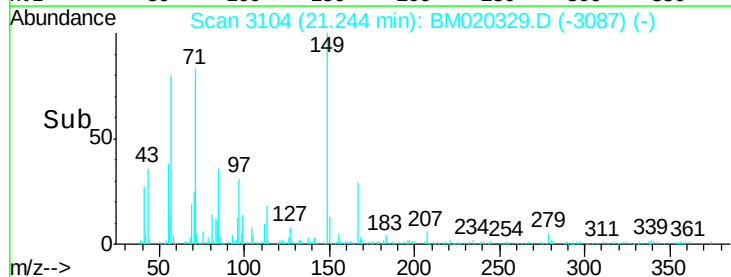
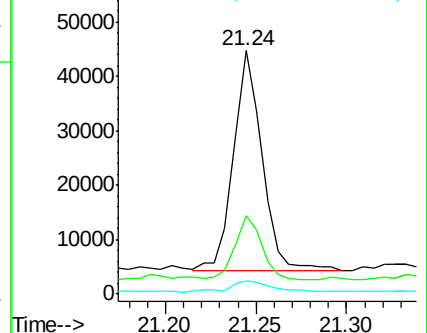
279 5.6 3.8 5.6

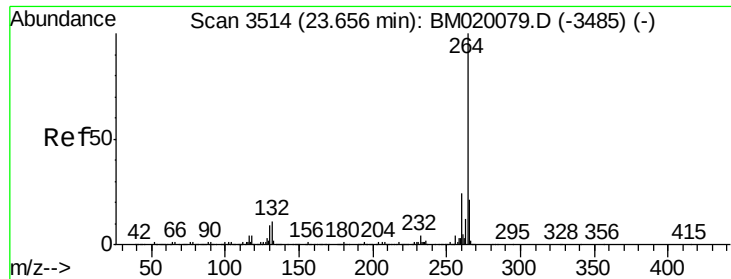


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

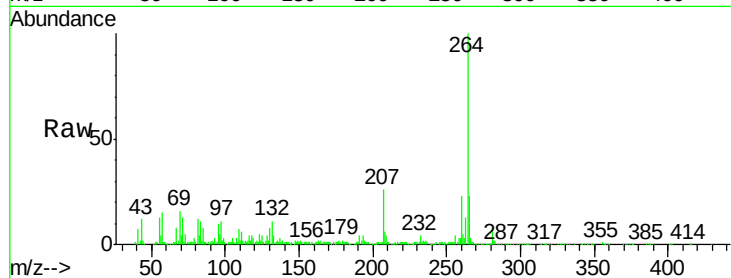




#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.63 min Scan# 3510  
 Delta R.T. 0.01 min  
 Lab File: BM020329.D  
 Acq: 14 May 2019 13:01

Instrument :  
 BNA\_M  
 ClientSampleId :  
 FK-0D015-03-004RE

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 18.1  | 27.1  |
| 265     | 22.6  | 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

