

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM051019\  
 Data File : BM020266.D  
 Acq On : 11 May 2019 07:30  
 Operator : JU/SJ  
 Sample : K2801-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-1873

Quant Time: May 12 02:47:26 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

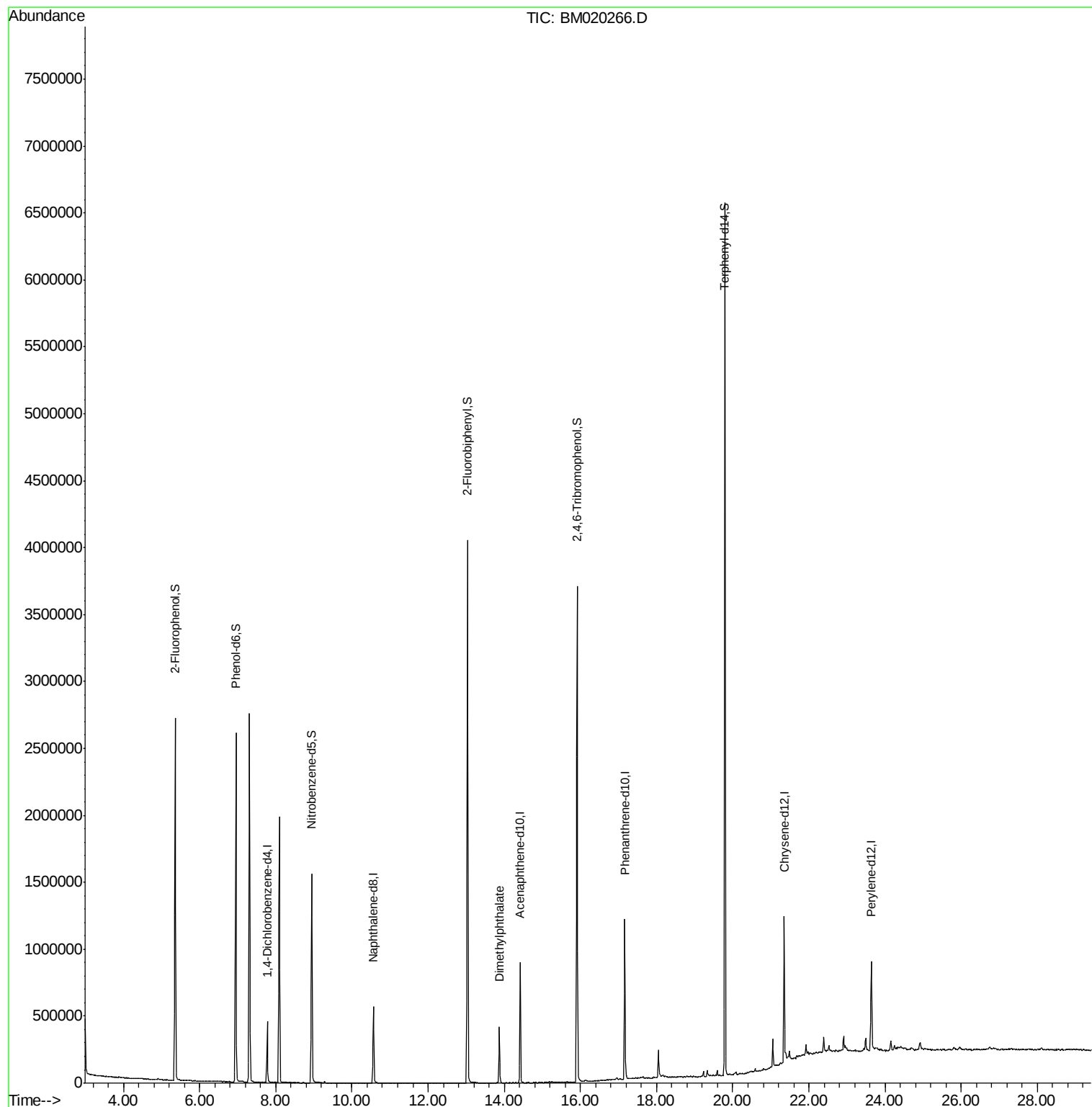
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.77  | 152  | 119973   | 20.00  | ng    | -0.02     |
| 21) Naphthalene-d8          | 10.56 | 136  | 458903   | 20.00  | ng    | -0.02     |
| 39) Acenaphthene-d10        | 14.42 | 164  | 293036   | 20.00  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 17.17 | 188  | 675275   | 20.00  | ng    | -0.01     |
| 76) Chrysene-d12            | 21.35 | 240  | 502057   | 20.00  | ng    | -0.02     |
| 87) Perylene-d12            | 23.64 | 264  | 508788   | 20.00  | ng    | -0.02     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.36  | 112  | 1054577  | 143.68 | ng    | -0.01     |
| 7) Phenol-d6                | 6.95  | 99   | 1514193  | 151.01 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.95  | 82   | 1049940  | 90.33  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 15.92 | 330  | 712368   | 156.62 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.04 | 172  | 2131616  | 89.50  | ng    | -0.02     |
| 79) Terphenyl-d14           | 19.79 | 244  | 3073083  | 106.76 | ng    | -0.02     |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 13.87 | 163  | 259736   | 10.429 | ng    | Qvalue 99 |

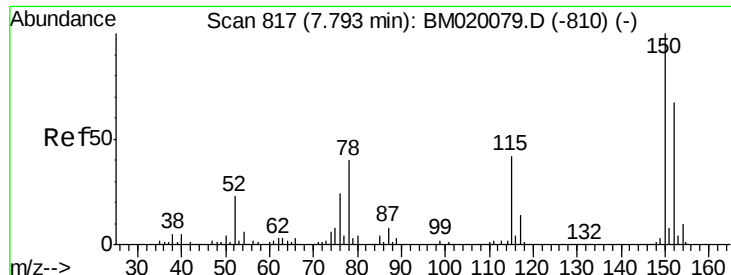
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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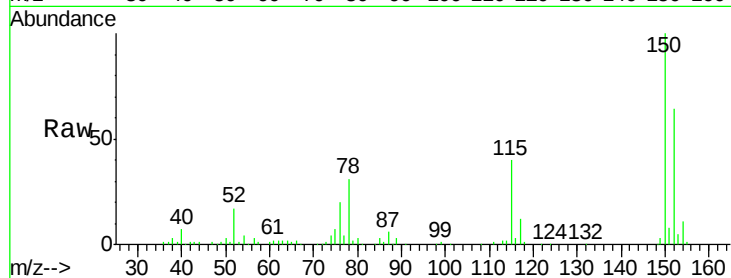


#1

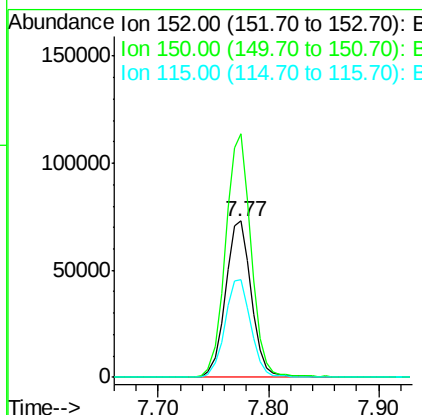
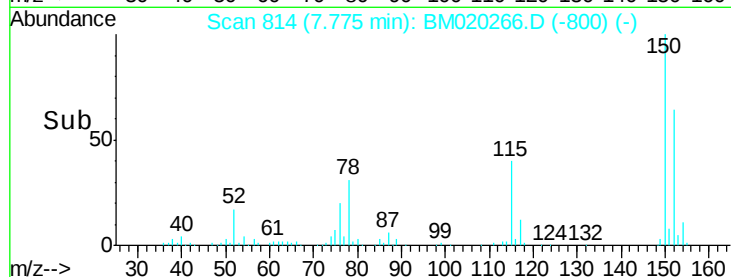
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.77 min Scan# 814  
 Delta R.T. -0.02 min  
 Lab File: BM020266.D  
 Acq: 11 May 2019 07:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-1873

Tgt Ion:152 Resp: 119973  
 Ion Ratio Lower Upper  
 152 100  
 150 155.9 119.8 179.8  
 115 62.3 50.8 76.2



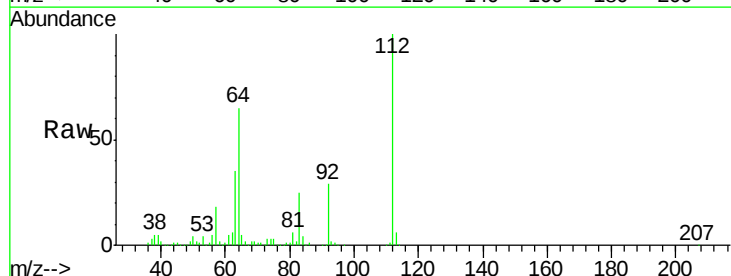
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



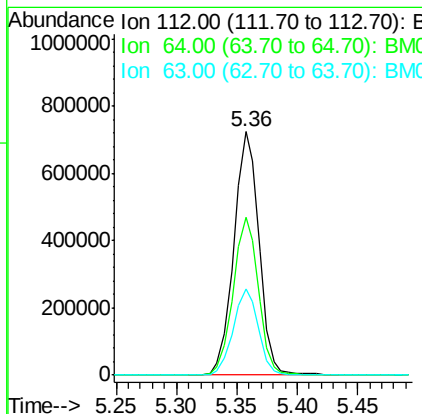
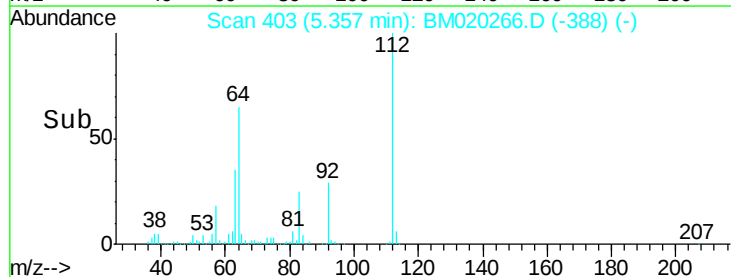
#5

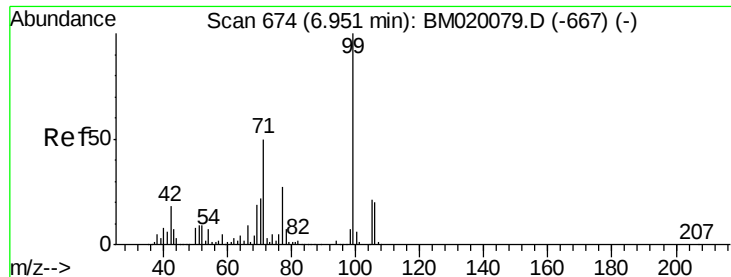
2-Fluorophenol  
 Concen: 143.683 ng  
 RT: 5.36 min Scan# 403  
 Delta R.T. -0.01 min  
 Lab File: BM020266.D  
 Acq: 11 May 2019 07:30

Tgt Ion:112 Resp: 1054577  
 Ion Ratio Lower Upper  
 112 100  
 64 65.0 53.8 80.6  
 63 35.3 32.3 48.5



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: 151.012 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020266.D

Acq: 11 May 2019 07:30

Instrument :

BNA\_M

ClientSampleId :

RT-1873

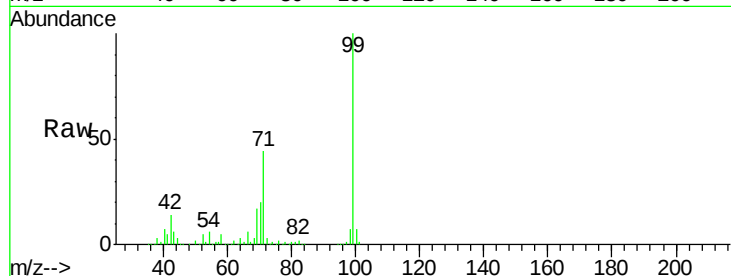
Tgt Ion: 99 Resp: 1514193

Ion Ratio Lower Upper

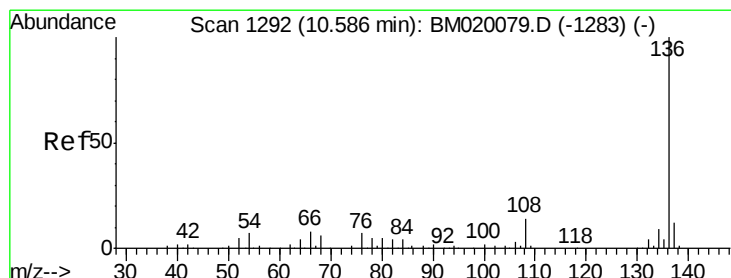
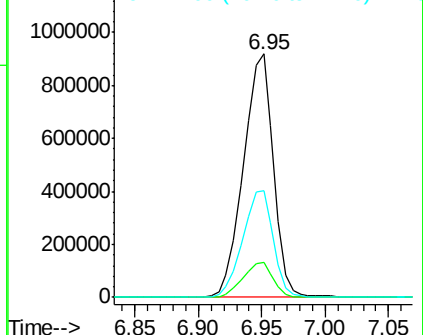
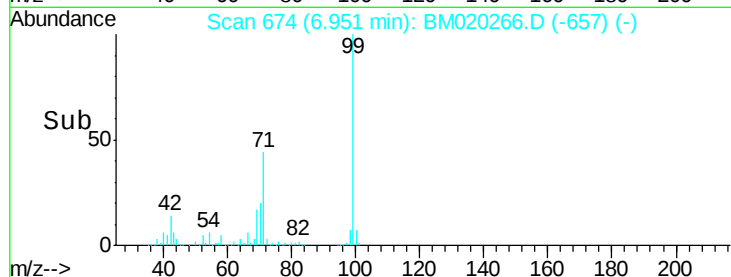
99 100

42 14.1 14.2 21.2#

71 43.7 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020266.D (-657) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BM020266.D

Acq: 11 May 2019 07:30

Tgt Ion: 136 Resp: 458903

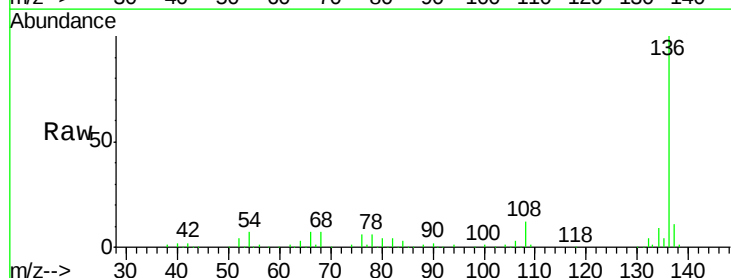
Ion Ratio Lower Upper

136 100

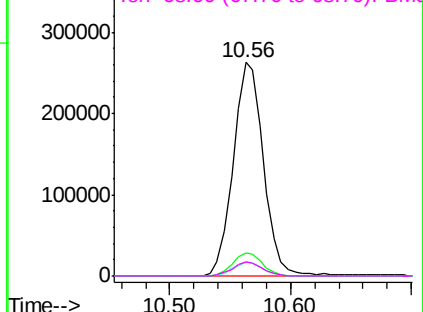
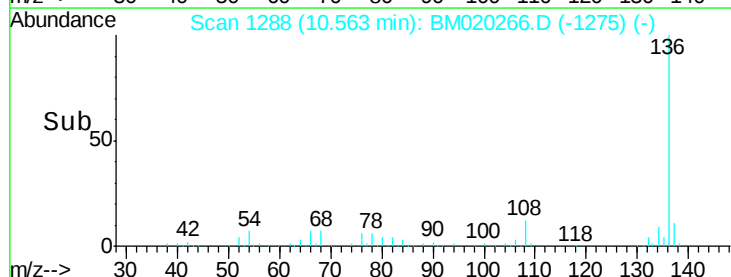
137 11.1 9.6 14.4

54 6.5 5.5 8.3

68 6.6 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): BM020266.D (-1275) (-)

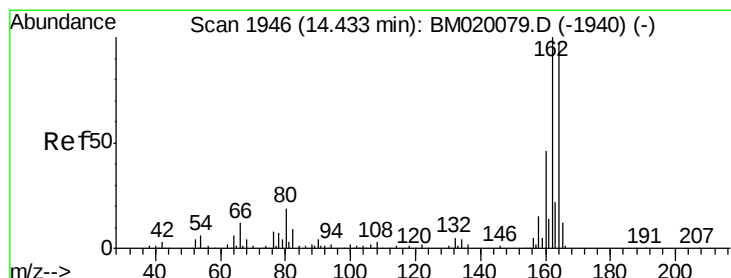
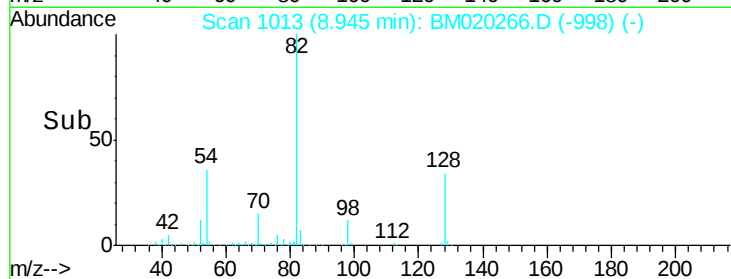
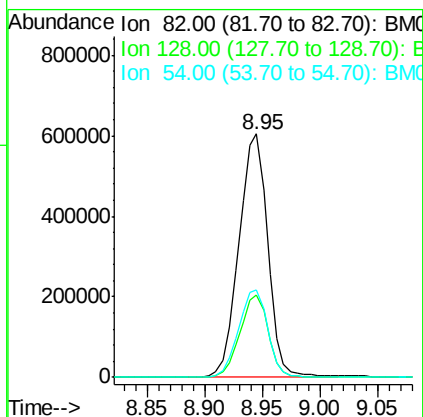
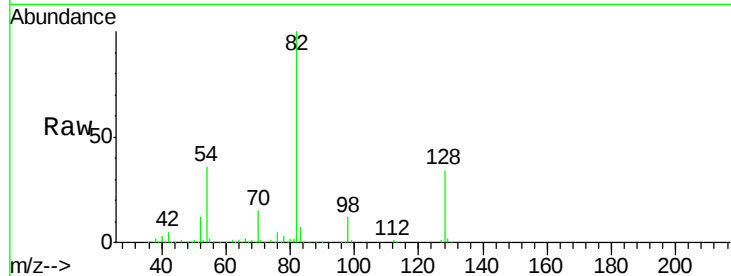




#23  
 Nitrobenzene-d5  
 Concen: 90.328 ng  
 RT: 8.95 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: BM020266.D  
 Acq: 11 May 2019 07:30

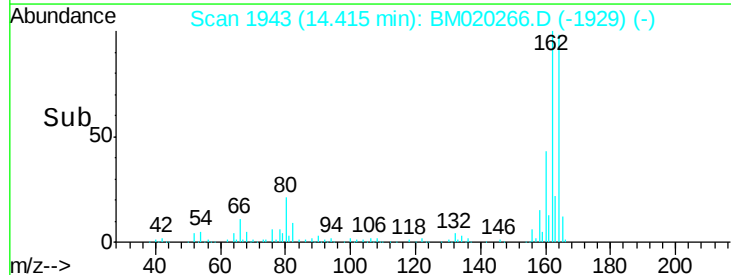
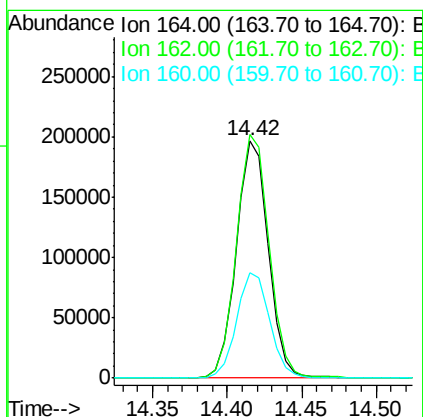
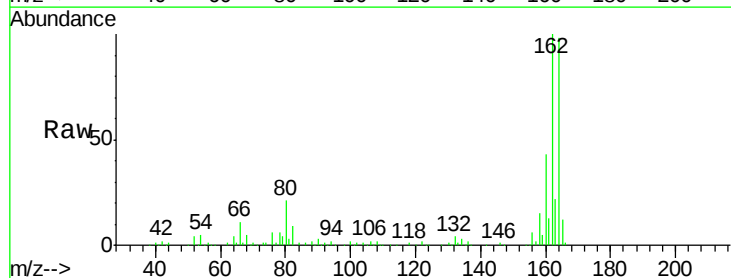
Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-1873

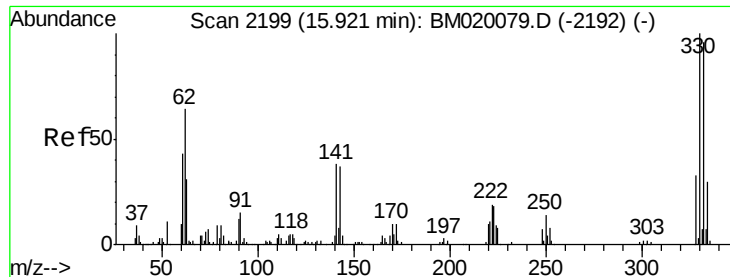
Tgt Ion: 82 Resp: 1049940  
 Ion Ratio Lower Upper  
 82 100  
 128 33.7 25.2 37.8  
 54 36.1 31.9 47.9



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.42 min Scan# 1943  
 Delta R.T. -0.02 min  
 Lab File: BM020266.D  
 Acq: 11 May 2019 07:30

Tgt Ion: 164 Resp: 293036  
 Ion Ratio Lower Upper  
 164 100  
 162 102.5 82.2 123.2  
 160 44.4 37.6 56.4

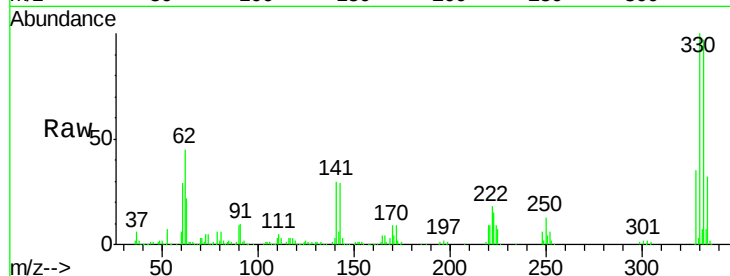




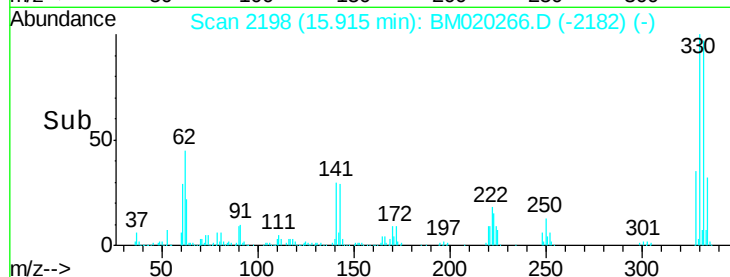
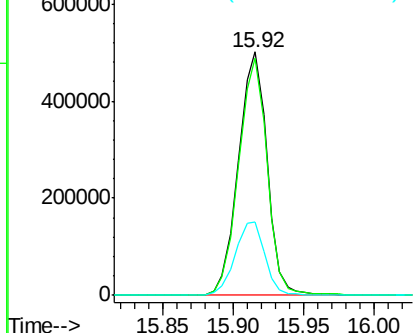
#42  
 2,4,6-Tribromophenol  
 Concen: 156.617 ng  
 RT: 15.92 min Scan# 2198  
 Delta R.T. -0.01 min  
 Lab File: BM020266.D  
 Acq: 11 May 2019 07:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RT-1873

Tgt Ion:330 Resp: 712368  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 76.8 115.2  
 141 31.4 29.2 43.8

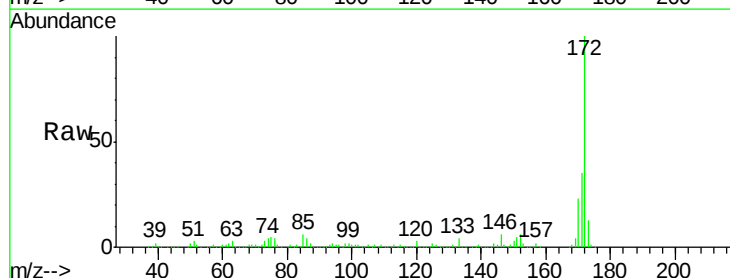


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

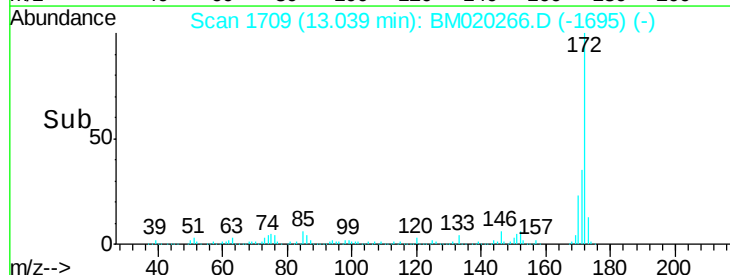
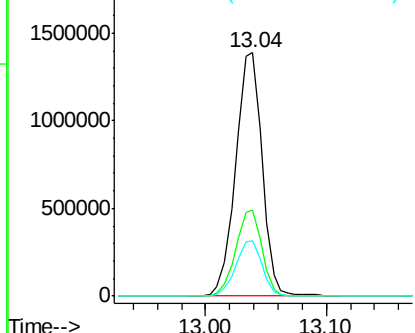


#45  
 2-Fluorobiphenyl  
 Concen: 89.500 ng  
 RT: 13.04 min Scan# 1709  
 Delta R.T. -0.02 min  
 Lab File: BM020266.D  
 Acq: 11 May 2019 07:30

Tgt Ion:172 Resp: 2131616  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 27.3 40.9  
 170 22.9 17.9 26.9



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





#50

Dimethylphthalate

Concen: 10.429 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020266.D

Acq: 11 May 2019 07:30

Instrument :

BNA\_M

ClientSampleId :

RT-1873

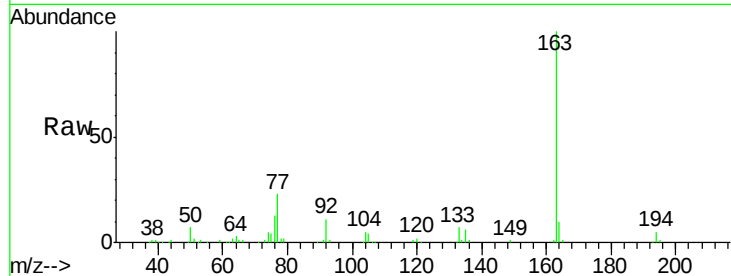
Tgt Ion:163 Resp: 259736

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

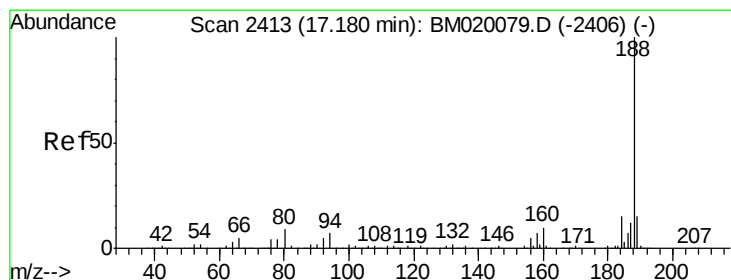
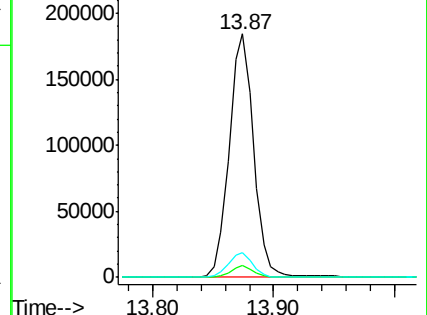
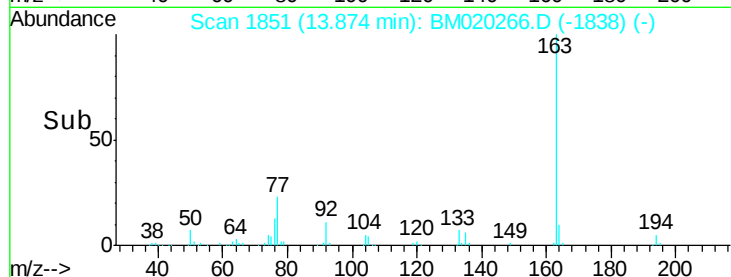
164 10.0 8.4 12.6



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: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020266.D

Acq: 11 May 2019 07:30

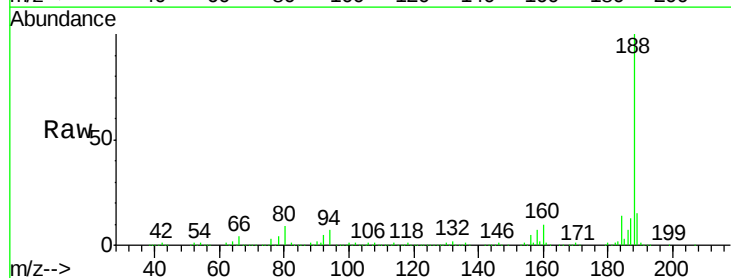
Tgt Ion:188 Resp: 675275

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.6

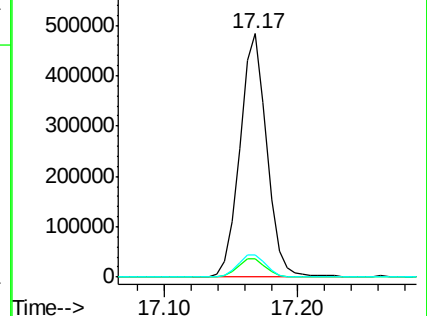
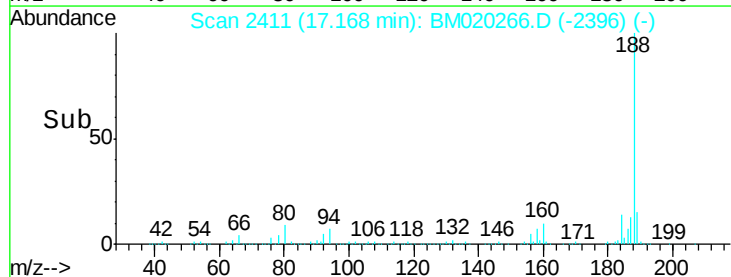
80 9.1 7.4 11.2



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

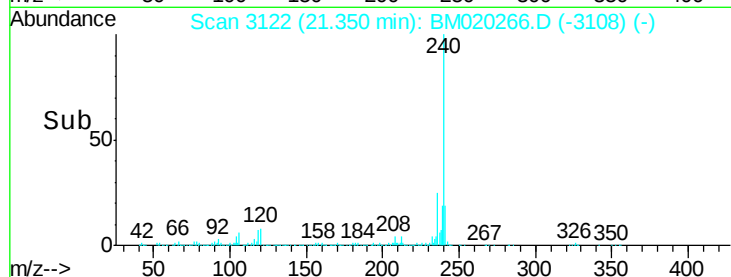
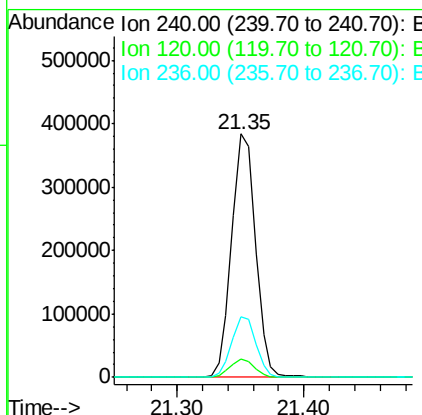
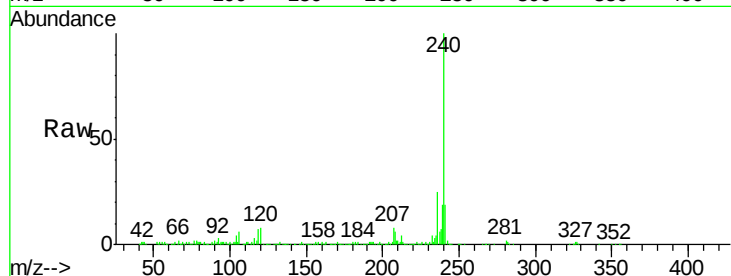




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.35 min Scan# 3122  
Delta R.T. -0.02 min  
Lab File: BM020266.D  
Acq: 11 May 2019 07:30

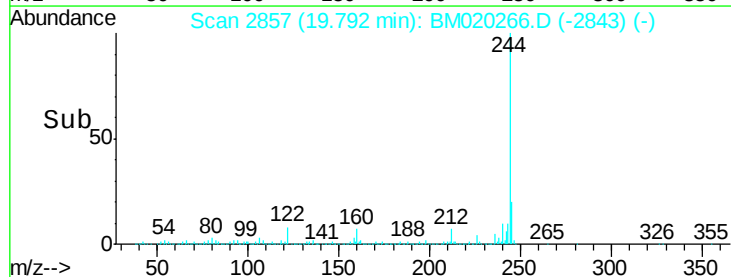
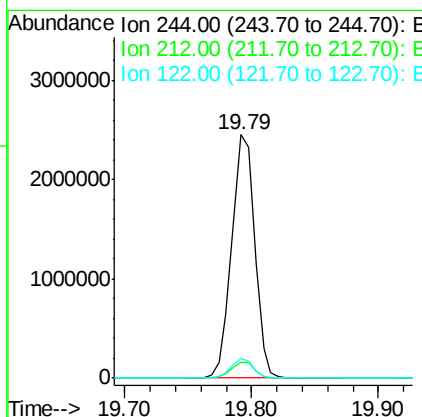
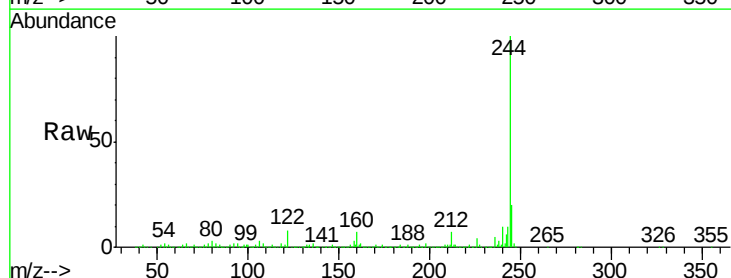
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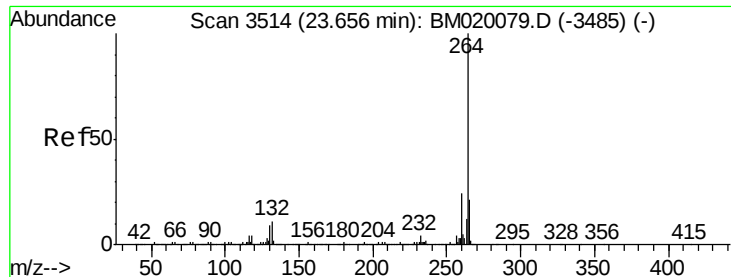
Tgt Ion:240 Resp: 502057  
Ion Ratio Lower Upper  
240 100  
120 7.6 5.6 8.4  
236 25.0 20.9 31.3



#79  
Terphenyl-d14  
Concen: 106.763 ng  
RT: 19.79 min Scan# 2857  
Delta R.T. -0.02 min  
Lab File: BM020266.D  
Acq: 11 May 2019 07:30

Tgt Ion:244 Resp: 3073083  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.7 8.5  
122 8.3 6.2 9.2

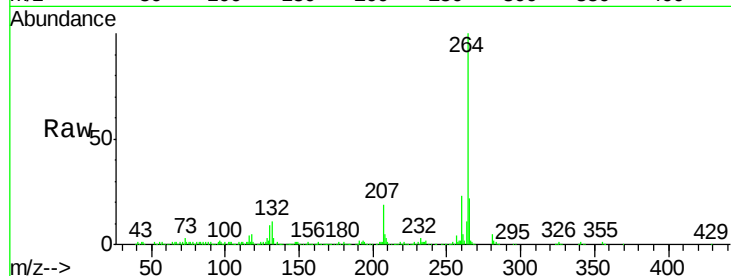




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.64 min Scan# 3511  
Delta R.T. -0.02 min  
Lab File: BM020266.D  
Acq: 11 May 2019 07:30

Instrument :  
BNA\_M  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 508788 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.1  | 19.2  | 28.8   |
| 265      | 21.8  | 16.9  | 25.3   |



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

