

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051419\  
 Data File : BM020332.D  
 Acq On : 14 May 2019 14:51  
 Operator : JU/SJ  
 Sample : K2769-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P026-SS017-1218-01

Quant Time: May 14 15:52:31 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

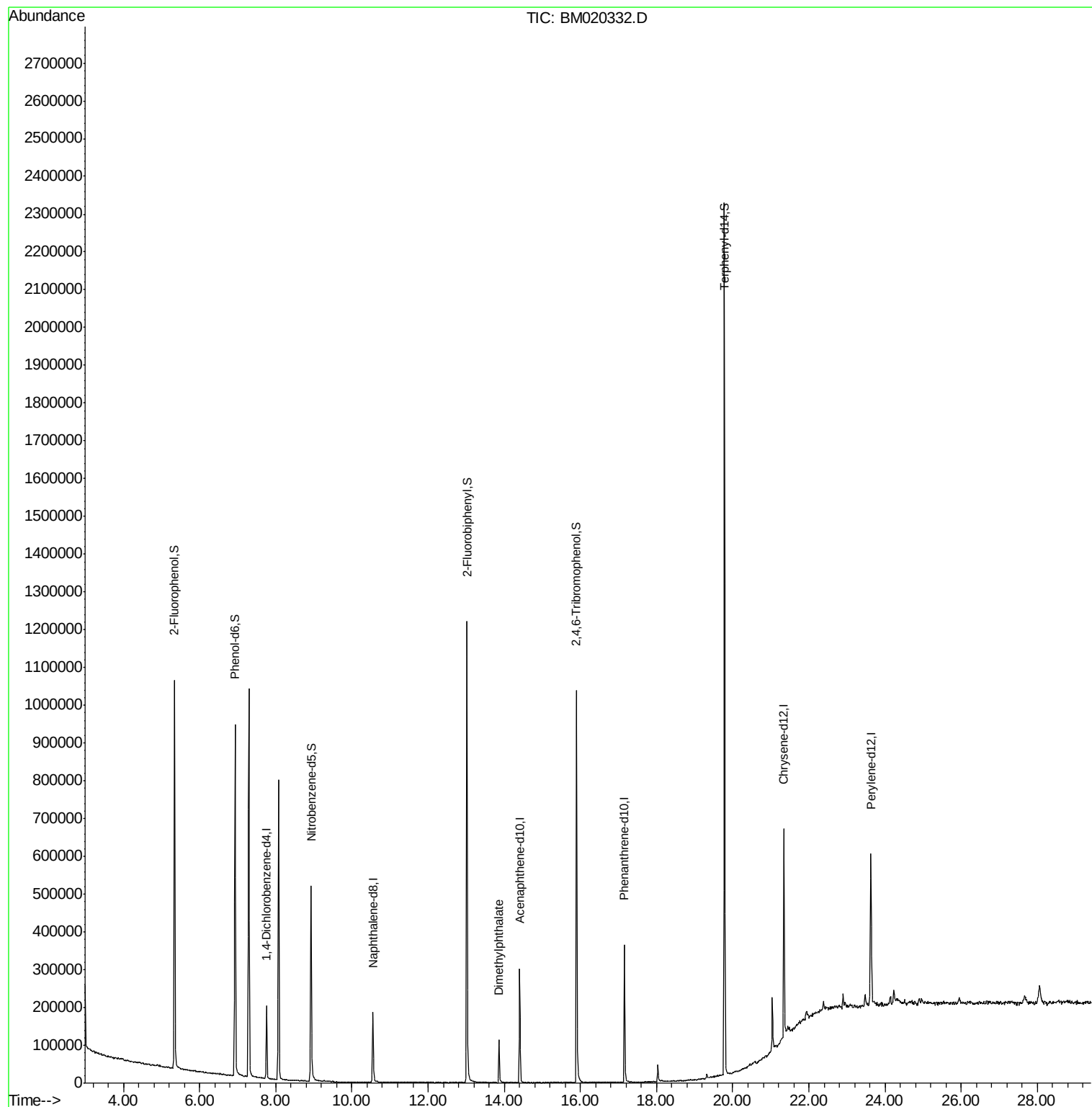
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.76  | 152  | 50691    | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 10.55 | 136  | 165713   | 20.00  | ng    | 0.00          |
| 39) Acenaphthene-d10        | 14.40 | 164  | 101944   | 20.00  | ng    | 0.00          |
| 64) Phenanthrene-d10        | 17.16 | 188  | 241571   | 20.00  | ng    | 0.00          |
| 76) Chrysene-d12            | 21.34 | 240  | 270514   | 20.00  | ng    | 0.00          |
| 87) Perylene-d12            | 23.63 | 264  | 315471   | 20.00  | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.34  | 112  | 426961   | 137.68 | ng    | 0.00          |
| 7) Phenol-d6                | 6.93  | 99   | 537453   | 126.86 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 8.93  | 82   | 364679   | 86.88  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 15.90 | 330  | 213177   | 134.72 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 13.02 | 172  | 671936   | 81.10  | ng    | 0.00          |
| 79) Terphenyl-d14           | 19.79 | 244  | 1143837  | 73.75  | ng    | 0.00          |
| Target Compounds            |       |      |          |        |       |               |
| 50) Dimethylphthalate       | 13.86 | 163  | 80225    | 9.259  | ng    | Qvalue<br>100 |

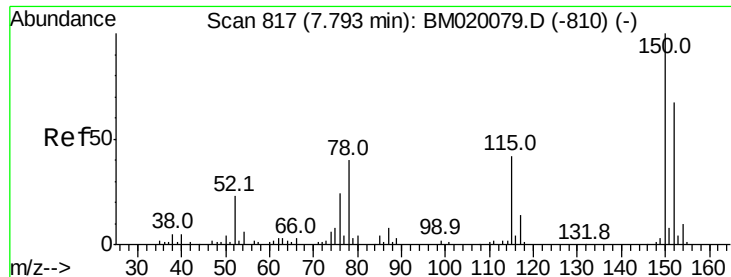
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



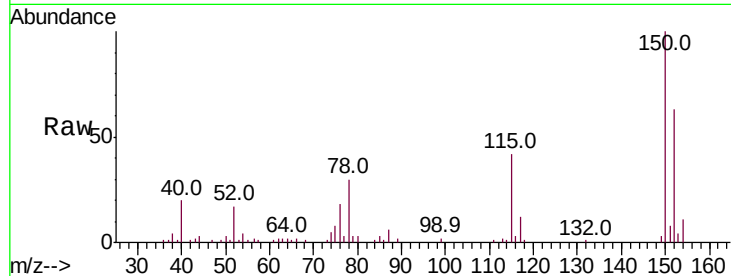


#1

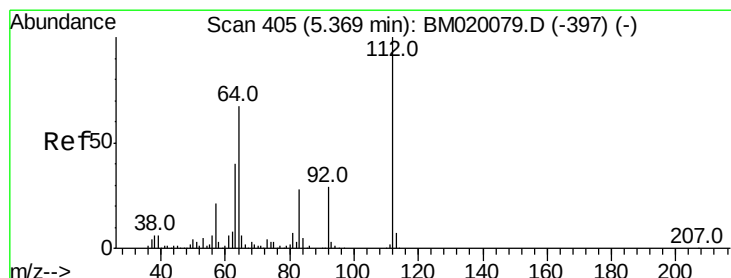
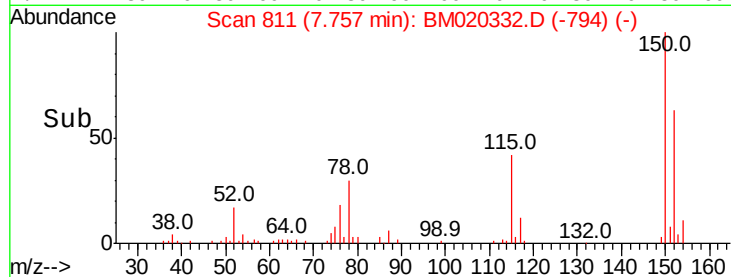
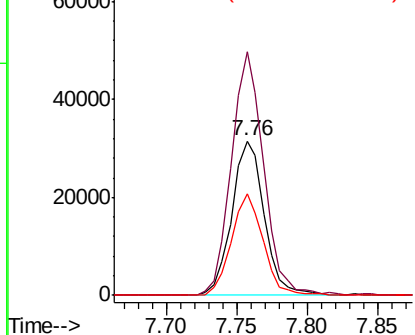
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.76 min Scan# 811  
Delta R.T. 0.00 min  
Lab File: BM020332.D  
Acq: 14 May 2019 14:51

Instrument :  
BNA\_M  
ClientSampleId :  
P026-SS017-1218-01

Tot Ion:152 Resp: 50691  
Ion Ratio Lower Upper  
152 100  
150 158.1 120.3 180.5  
115 66.1 49.2 73.8



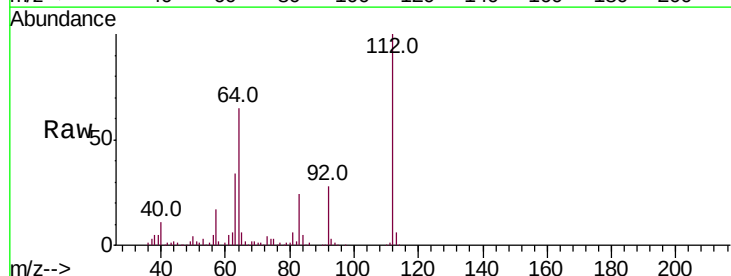
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



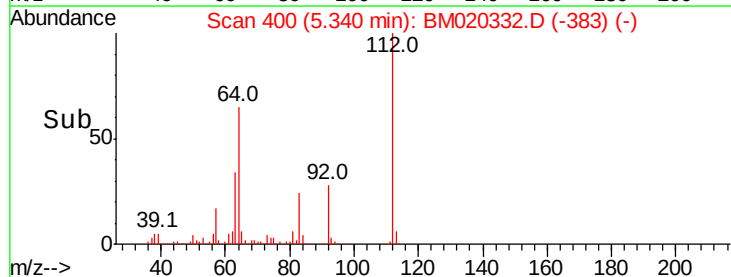
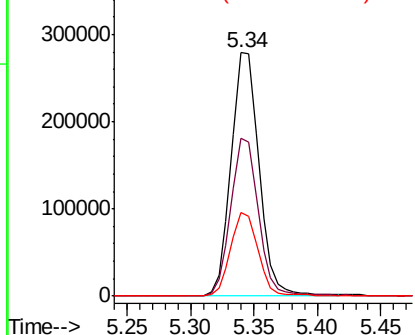
#5

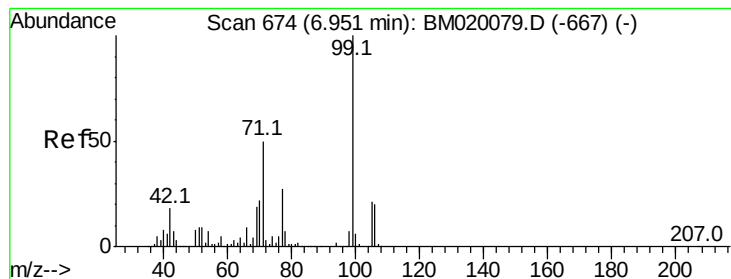
2-Fluorophenol  
Concen: 137.679 ng  
RT: 5.34 min Scan# 400  
Delta R.T. 0.00 min  
Lab File: BM020332.D  
Acq: 14 May 2019 14:51

Tgt Ion:112 Resp: 426961  
Ion Ratio Lower Upper  
112 100  
64 64.6 50.1 75.1  
63 34.4 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: 126.860 ng

RT: 6.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM020332.D

Acq: 14 May 2019 14:51

Instrument :

BNA\_M

ClientSampleId :

P026-SS017-1218-01

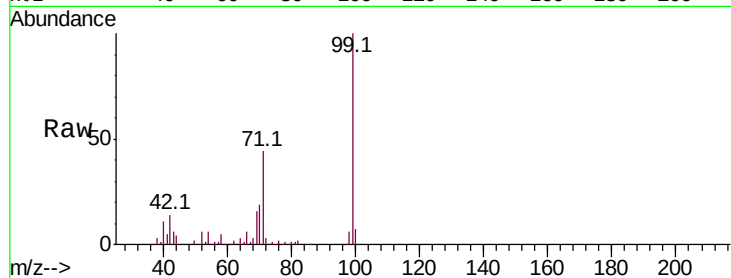
Tot Ion: 99 Resp: 537453

Ion Ratio Lower Upper

99 100

42 14.1 11.2 16.8

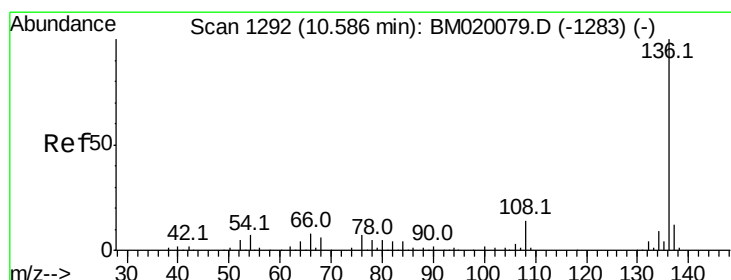
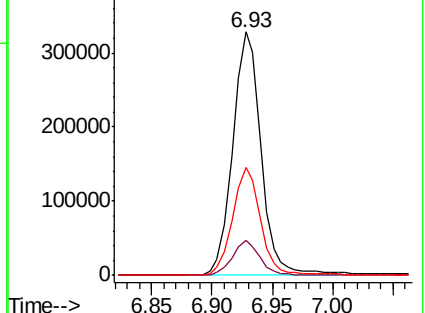
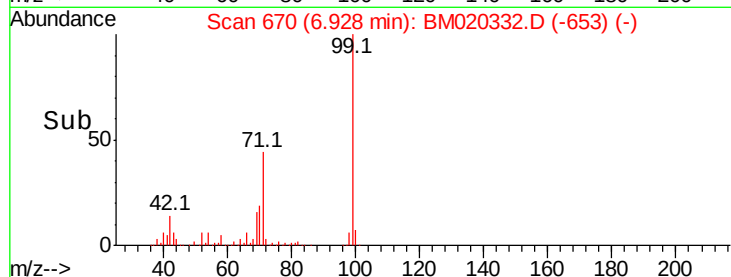
71 44.4 35.6 53.4



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BM020332.D

Acq: 14 May 2019 14:51

Tgt Ion: 136 Resp: 165713

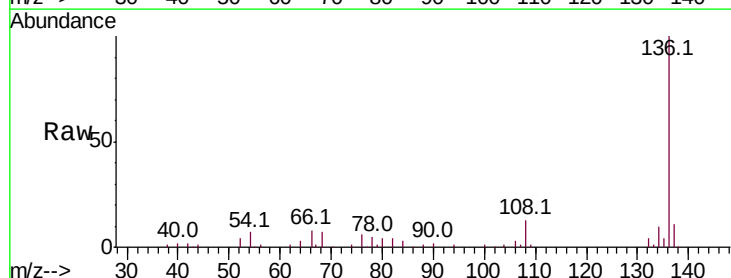
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.8 5.3 7.9

68 6.7 5.4 8.2

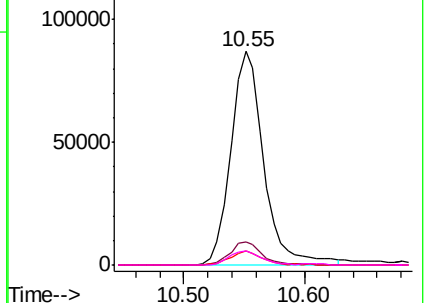
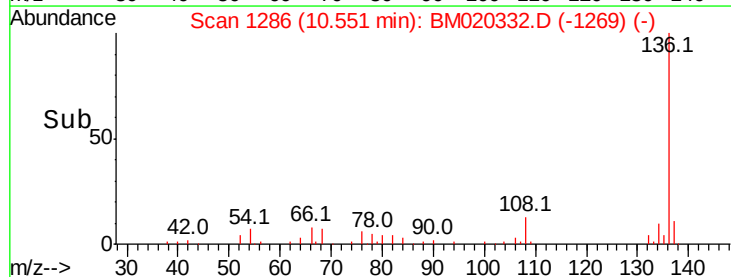


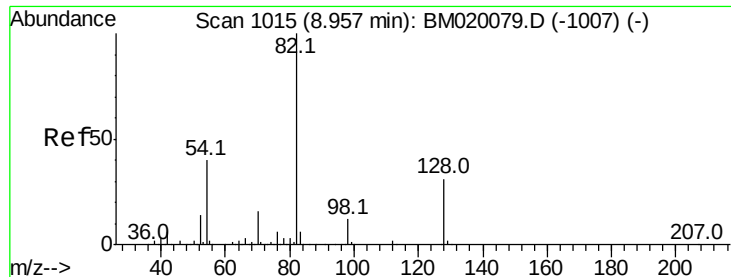
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

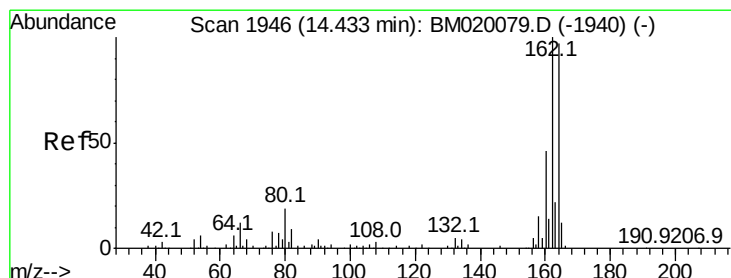
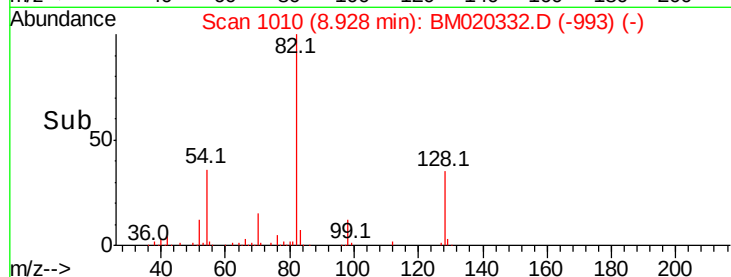
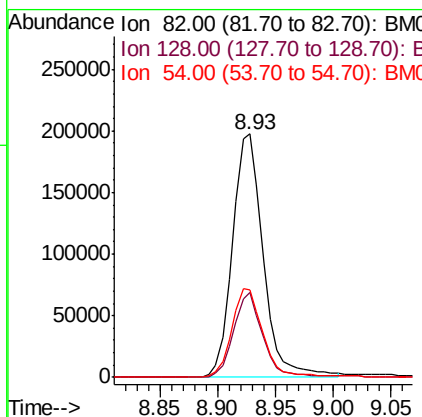
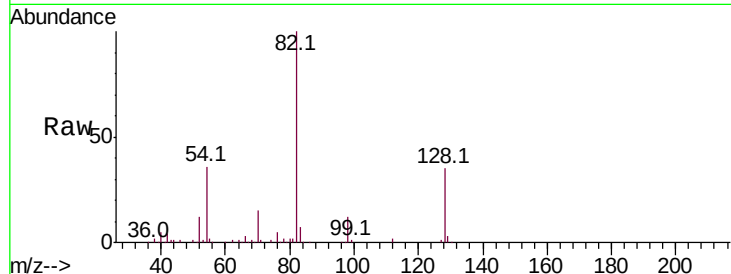




#23  
Nitrobenzene-d5  
Concen: 86.883 ng  
RT: 8.93 min Scan# 1010  
Delta R.T. 0.00 min  
Lab File: BM020332.D  
Acq: 14 May 2019 14:51

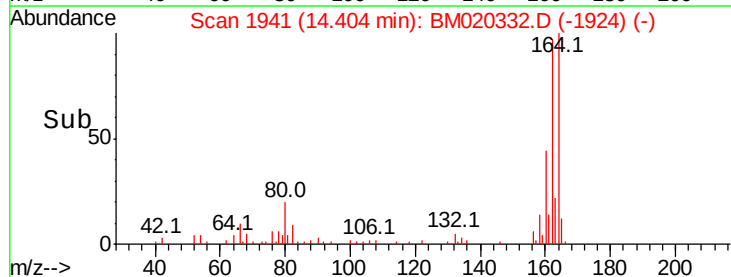
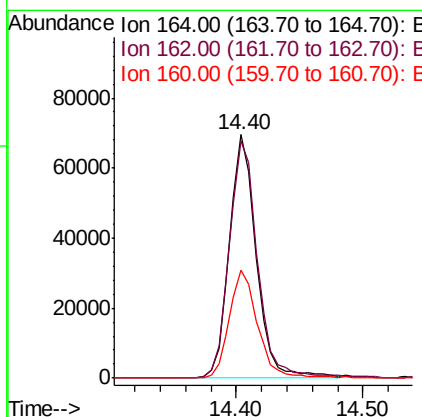
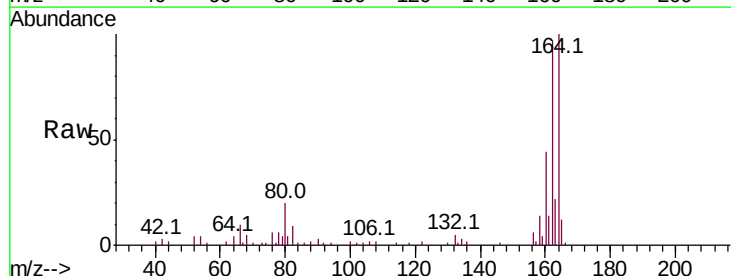
Instrument :  
BNA\_M  
ClientSampleId :  
P026-SS017-1218-01

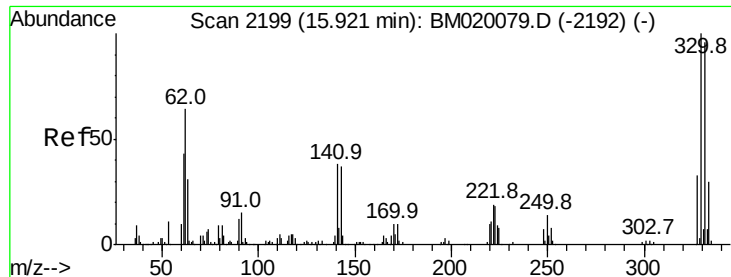
Tot Ion: 82 Resp: 364679  
Ion Ratio Lower Upper  
82 100  
128 34.7 26.9 40.3  
54 36.0 28.6 43.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.40 min Scan# 1941  
Delta R.T. 0.00 min  
Lab File: BM020332.D  
Acq: 14 May 2019 14:51

Tgt Ion: 164 Resp: 101944  
Ion Ratio Lower Upper  
164 100  
162 97.5 77.5 116.3  
160 44.2 35.8 53.6

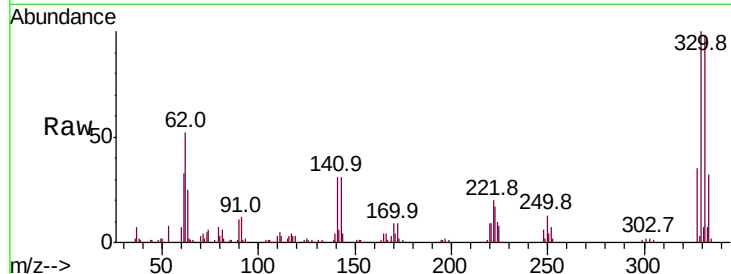




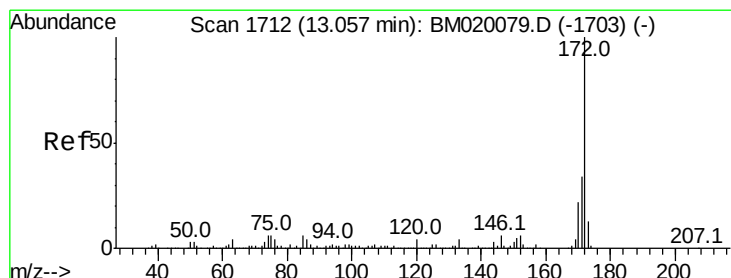
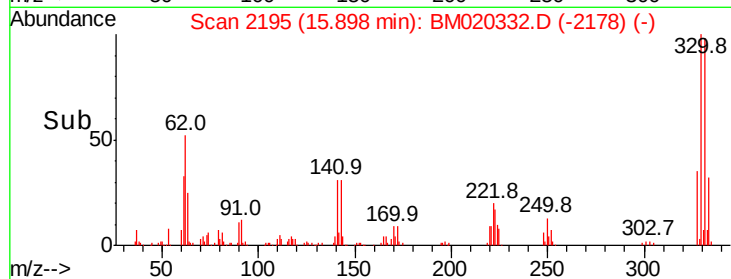
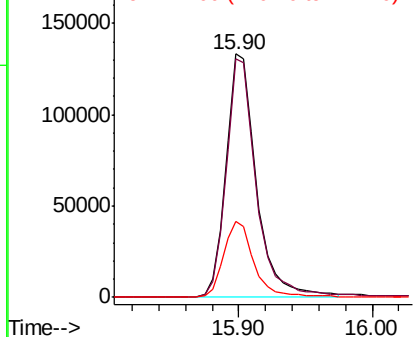
#42  
 2,4,6-Tribromophenol  
 Concen: 134.721 ng  
 RT: 15.90 min Scan# 2195  
 Delta R.T. 0.00 min  
 Lab File: BM020332.D  
 Acq: 14 May 2019 14:51

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P026-SS017-1218-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.3  | 77.6  | 116.4 |
| 141     | 31.4  | 25.7  | 38.5  |

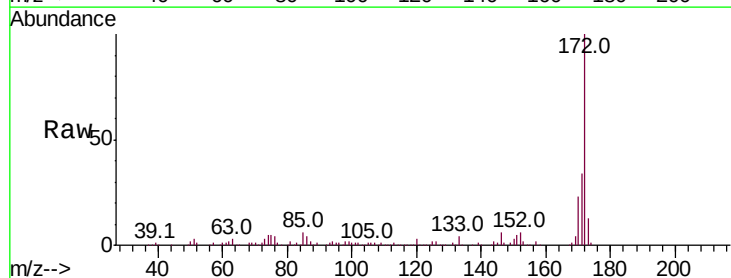


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

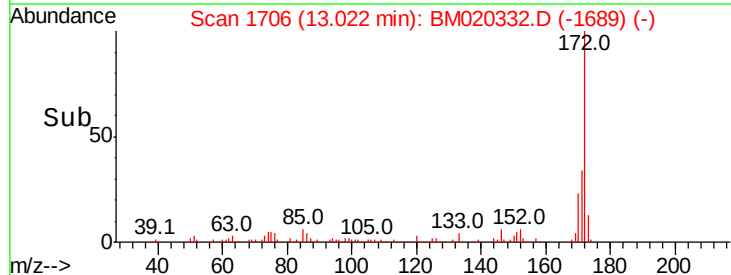
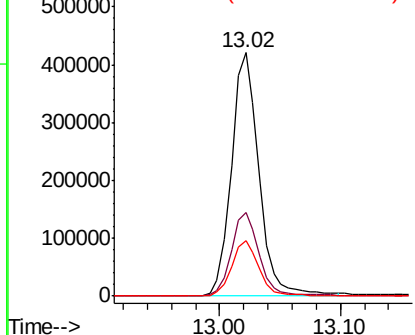


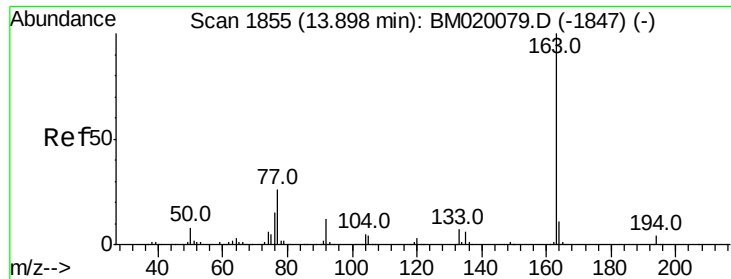
#45  
 2-Fluorobiphenyl  
 Concen: 81.096 ng  
 RT: 13.02 min Scan# 1706  
 Delta R.T. 0.00 min  
 Lab File: BM020332.D  
 Acq: 14 May 2019 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.2  | 28.2  | 42.4  |
| 170     | 22.5  | 18.3  | 27.5  |



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: 9.259 ng

RT: 13.86 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BM020332.D

Acq: 14 May 2019 14:51

Instrument :

BNA\_M

ClientSampleId :

P026-SS017-1218-01

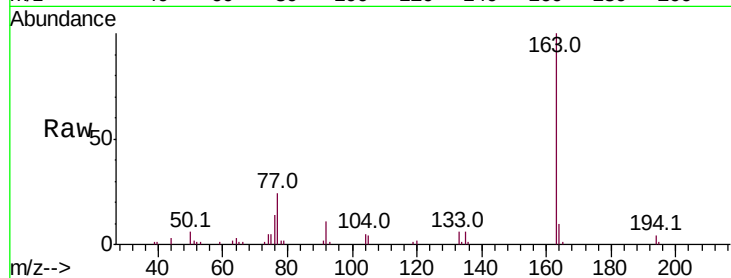
Tot Ion:163 Resp: 80225

Ion Ratio Lower Upper

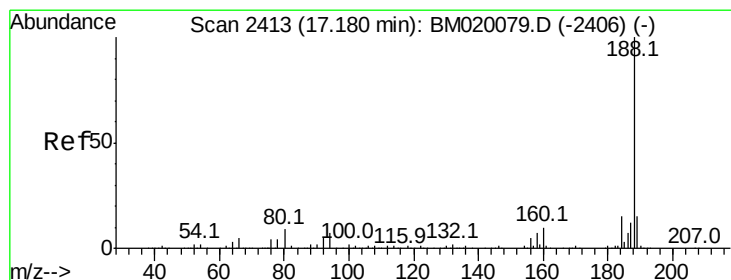
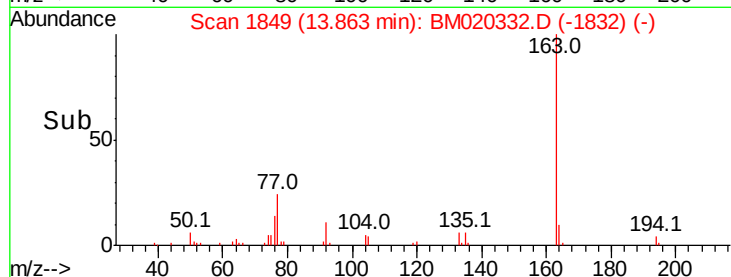
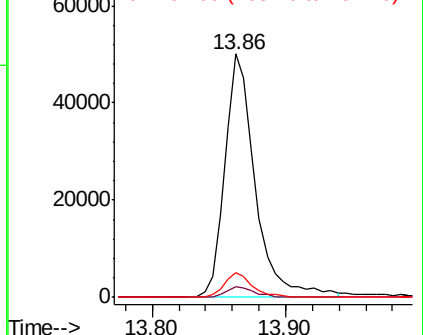
163 100

194 4.3 3.3 4.9

164 10.0 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: BM020332.D

Acq: 14 May 2019 14:51

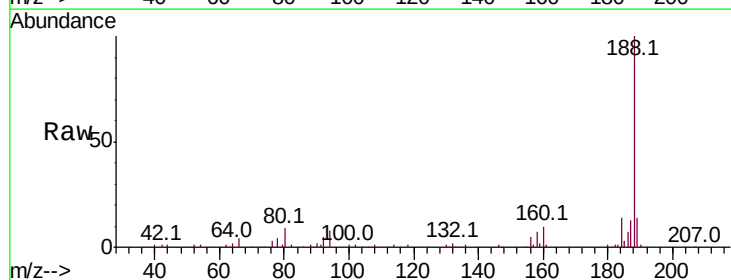
Tgt Ion:188 Resp: 241571

Ion Ratio Lower Upper

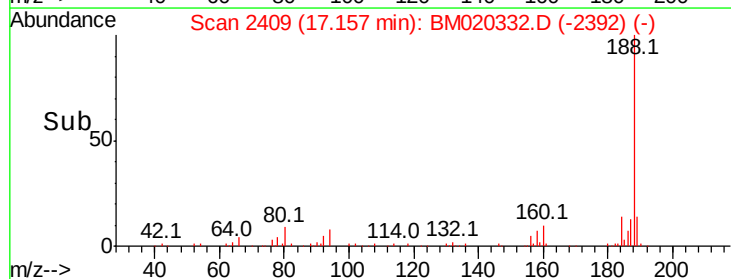
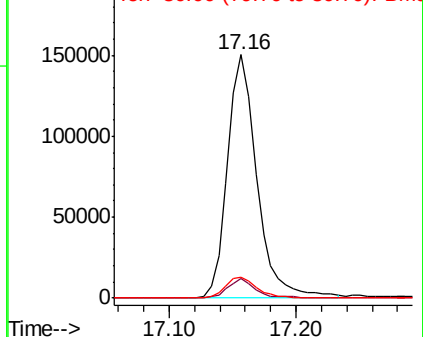
188 100

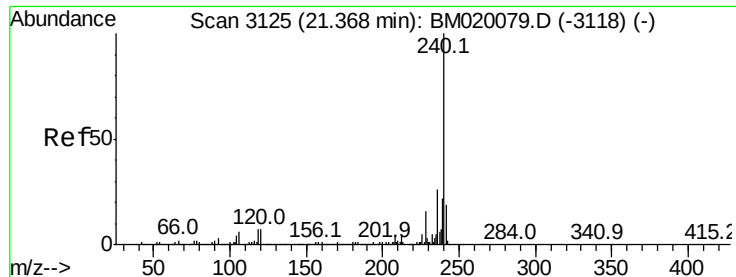
94 8.0 5.8 8.6

80 8.8 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

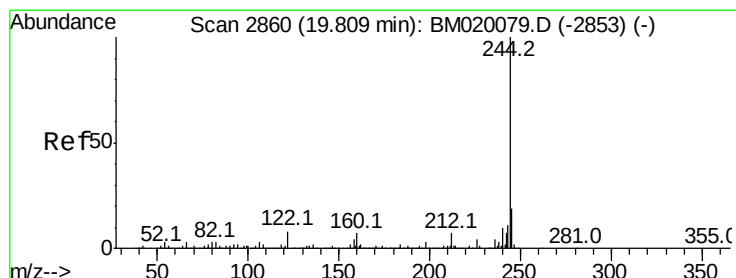
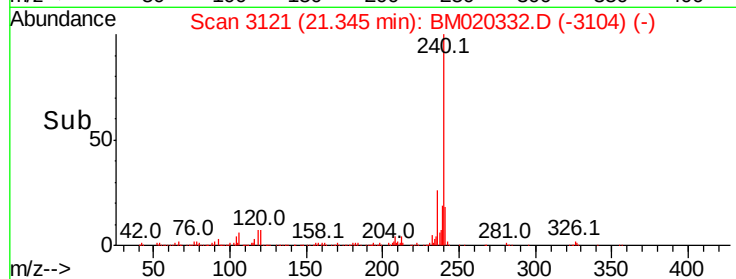
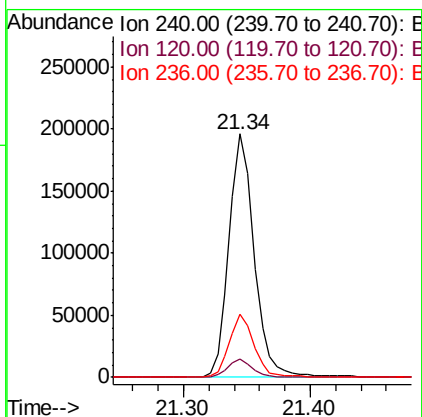
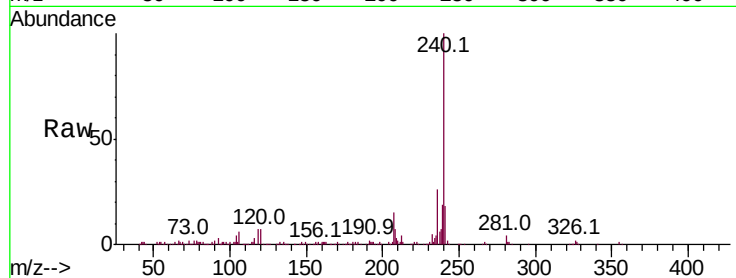




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.34 min Scan# 3121  
 Delta R.T. 0.00 min  
 Lab File: BM020332.D  
 Acq: 14 May 2019 14:51

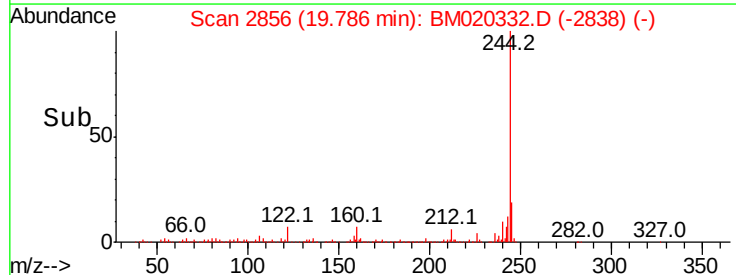
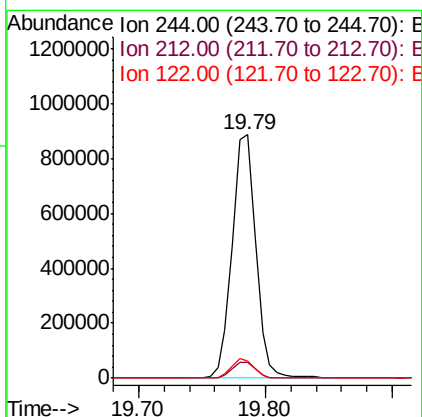
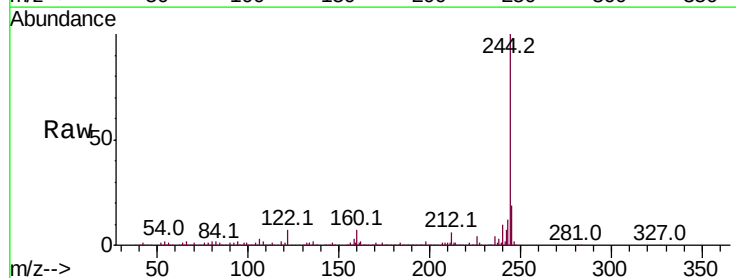
Instrument :  
 BNA\_M  
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 P026-SS017-1218-01

Tot Ion:240 Resp: 270514  
 Ion Ratio Lower Upper  
 240 100  
 120 7.3 6.1 9.1  
 236 25.7 20.2 30.2

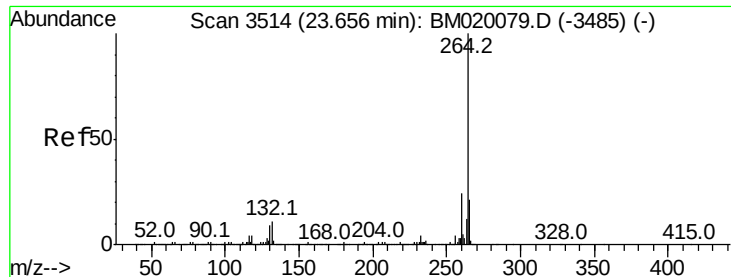


#79  
 Terphenyl-d14  
 Concen: 73.752 ng  
 RT: 19.79 min Scan# 2856  
 Delta R.T. 0.01 min  
 Lab File: BM020332.D  
 Acq: 14 May 2019 14:51

Tgt Ion:244 Resp: 1143837  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.4 8.2  
 122 6.8 6.3 9.5







#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.63 min Scan# 3509  
Delta R.T. 0.00 min  
Lab File: BM020332.D  
Acq: 14 May 2019 14:51

Instrument :  
BNA\_M  
ClientSampleId :  
P026-SS017-1218-01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.7  | 18.1  | 27.1  |
| 265     | 23.4  | 17.6  | 26.4  |

