

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\  
 Data File : BM019139.D  
 Acq On : 13 Mar 2019 09:04  
 Operator : JU/SJ  
 Sample : K1824-17  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P-3

Quant Time: Mar 13 14:15:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 11 17:30:46 2019  
 Response via : Initial Calibration

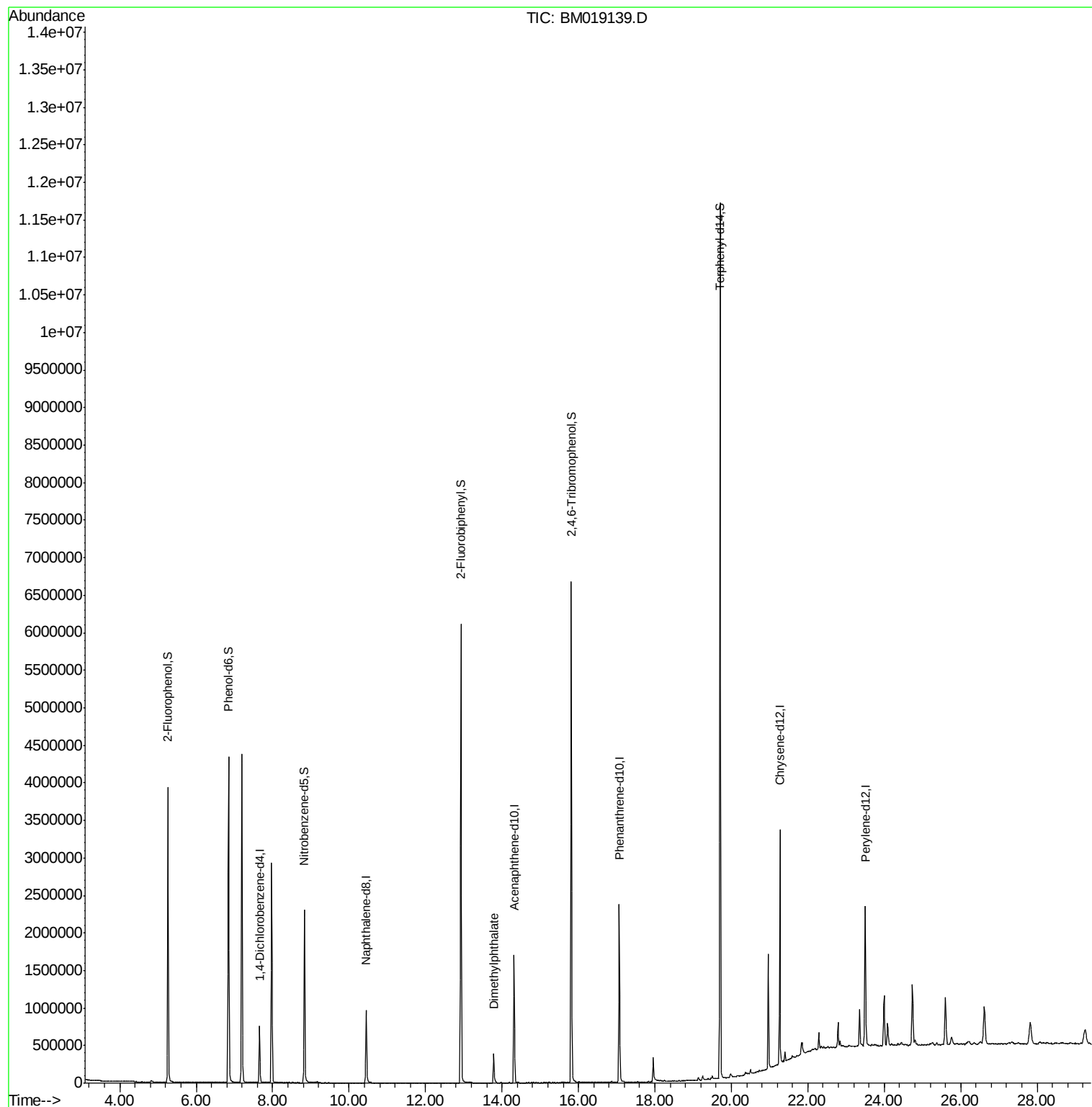
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.66  | 152  | 201889   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.45 | 136  | 836953   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.31 | 164  | 565982   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 17.07 | 188  | 1366064  | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.27 | 240  | 1411029  | 20.00  | ng    | 0.00      |
| 87) Perylene-d12            | 23.50 | 264  | 1296198  | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.26  | 112  | 1674530  | 134.32 | ng    | 0.00      |
| 7) Phenol-d6                | 6.85  | 99   | 2519642  | 138.18 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.83  | 82   | 1515037  | 85.57  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.82 | 330  | 1224085  | 146.48 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.93 | 172  | 2979559  | 68.48  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.70 | 244  | 5224688  | 73.51  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 13.78 | 163  | 276371   | 5.708  | ng    | Qvalue 98 |

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

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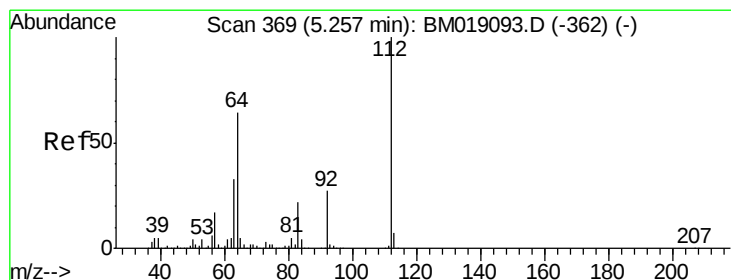
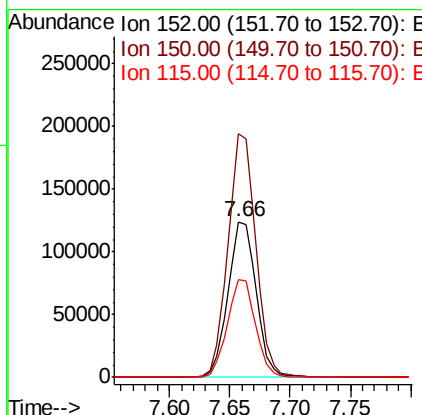
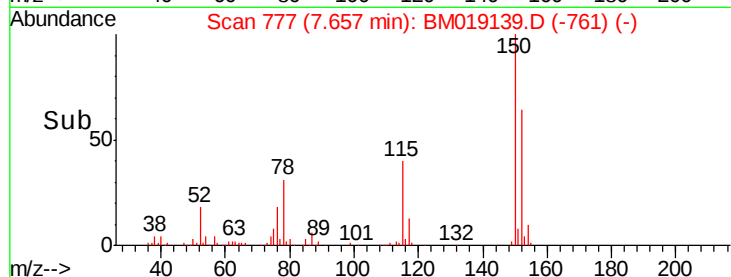
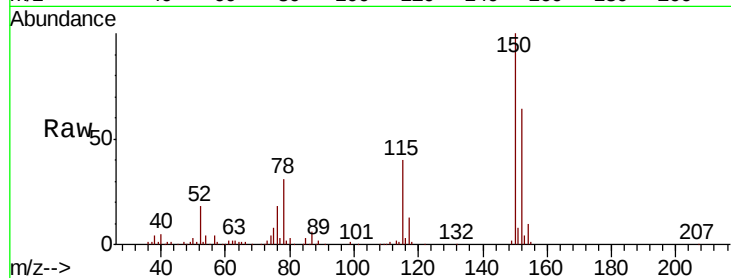


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.66 min Scan# 777  
Delta R.T. -0.01 min  
Lab File: BM019139.D  
Acq: 13 Mar 2019 09:04

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ClientSampleId :  
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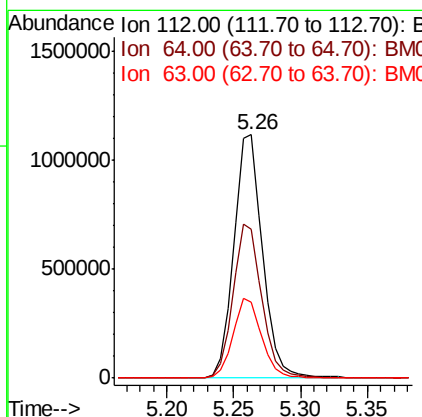
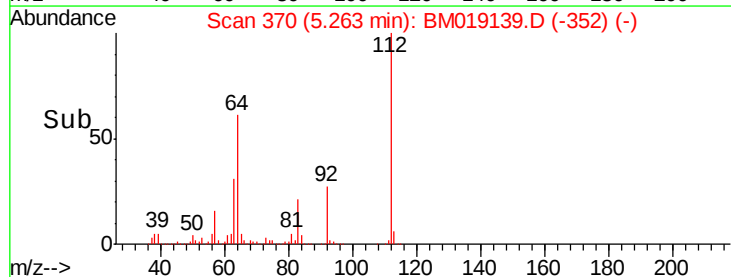
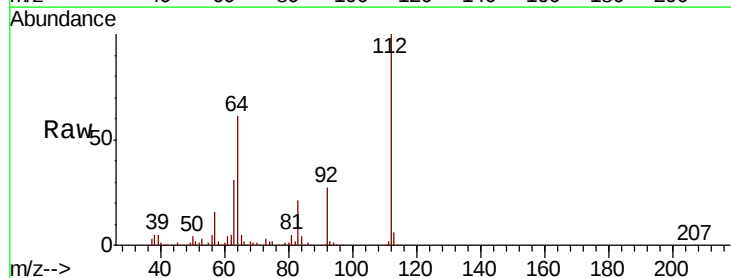
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.8 | 125.3 | 187.9 |
| 115     | 62.6  | 49.4  | 74.0  |

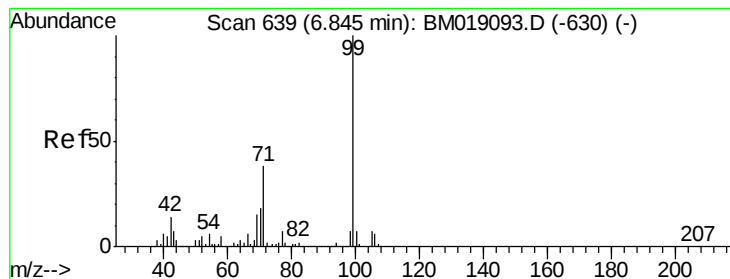


#5

2-Fluorophenol  
Concen: 134.325 ng  
RT: 5.26 min Scan# 370  
Delta R.T. 0.01 min  
Lab File: BM019139.D  
Acq: 13 Mar 2019 09:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 61.3  | 51.4  | 77.0  |
| 63      | 31.4  | 26.6  | 40.0  |





#7

Phenol-d6

Concen: 138.180 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM019139.D

Acq: 13 Mar 2019 09:04

Instrument :

BNA\_M

ClientSampleId :

P-3

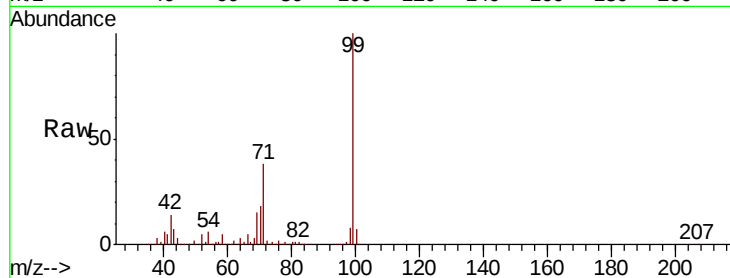
Tot Ion: 99 Resp: 2519642

Ion Ratio Lower Upper

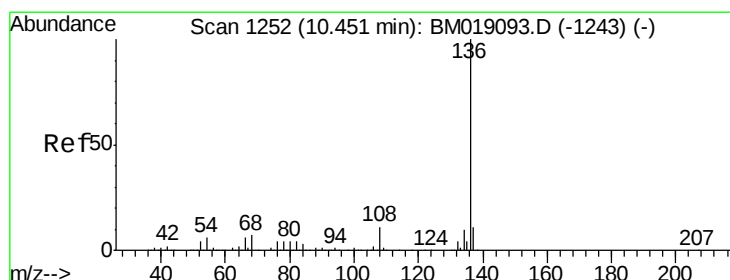
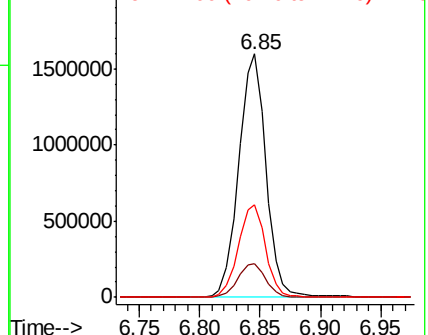
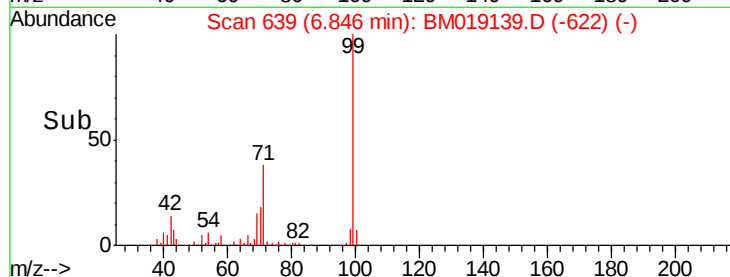
99 100

42 13.9 10.9 16.3

71 37.9 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019139.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM019139.D

Acq: 13 Mar 2019 09:04

Tgt Ion: 136 Resp: 836953

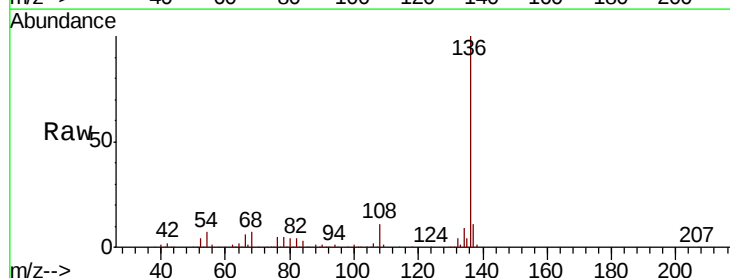
Ion Ratio Lower Upper

136 100

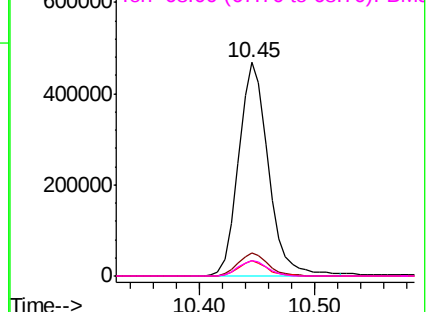
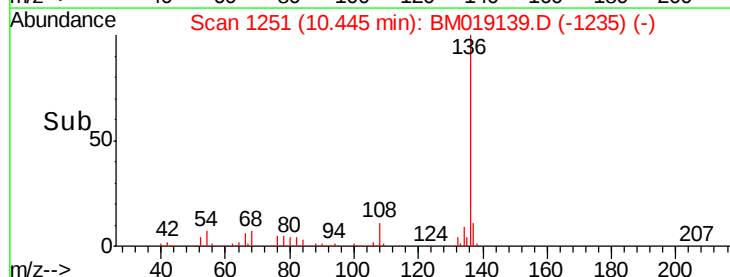
137 10.9 8.6 13.0

54 7.0 5.2 7.8

68 7.3 5.8 8.8



Abundance Ion 136.00 (135.70 to 136.70): BM019139.D (-1235) (-)

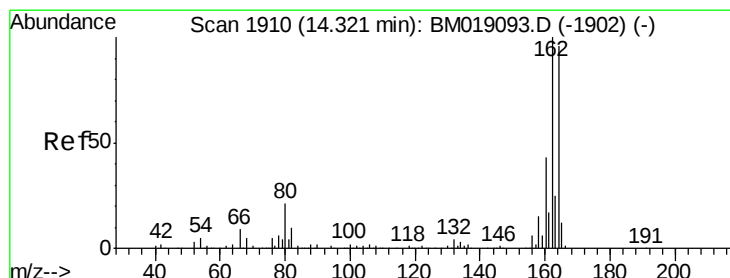
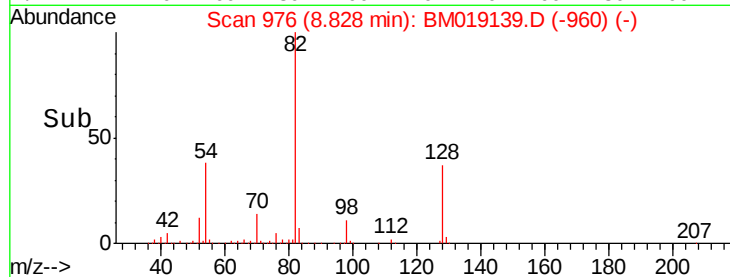
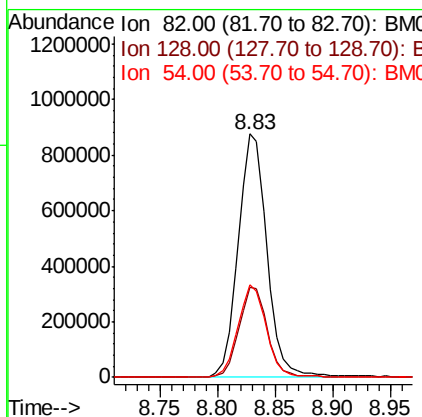
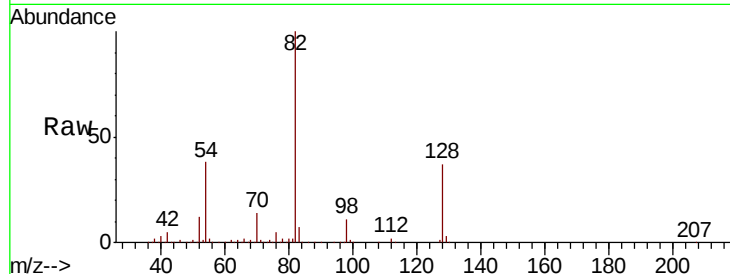




#23  
Nitrobenzene-d5  
Concen: 85.568 ng  
RT: 8.83 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BM019139.D  
Acq: 13 Mar 2019 09:04

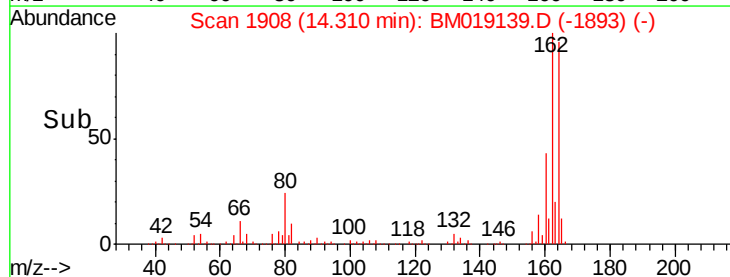
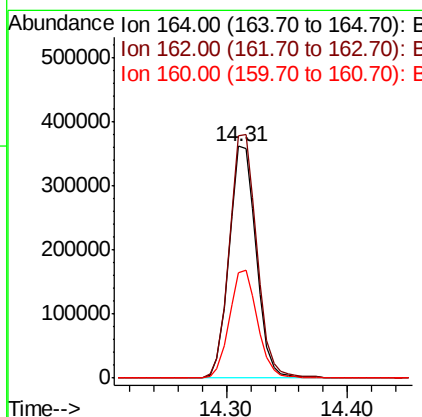
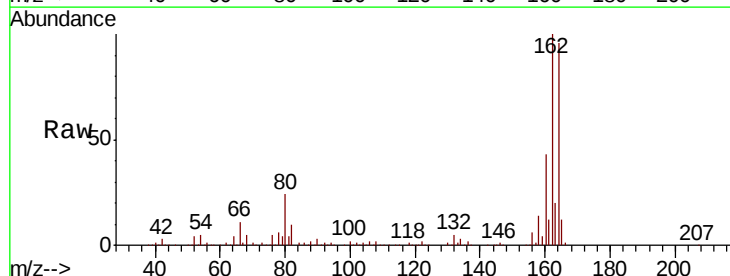
Instrument :  
BNA\_M  
ClientSampled :  
P-3

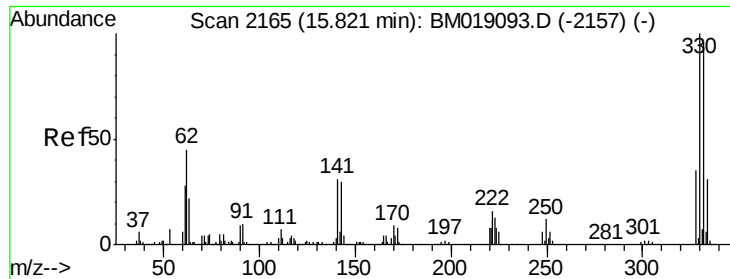
Tot Ion: 82 Resp: 1515037  
Ion Ratio Lower Upper  
82 100  
128 37.0 29.4 44.2  
54 38.2 29.9 44.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.31 min Scan# 1908  
Delta R.T. -0.01 min  
Lab File: BM019139.D  
Acq: 13 Mar 2019 09:04

Tgt Ion: 164 Resp: 565982  
Ion Ratio Lower Upper  
164 100  
162 104.6 83.5 125.3  
160 45.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 146.483 ng

RT: 15.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BM019139.D

Acq: 13 Mar 2019 09:04

Instrument :

BNA\_M

ClientSampled :

P-3

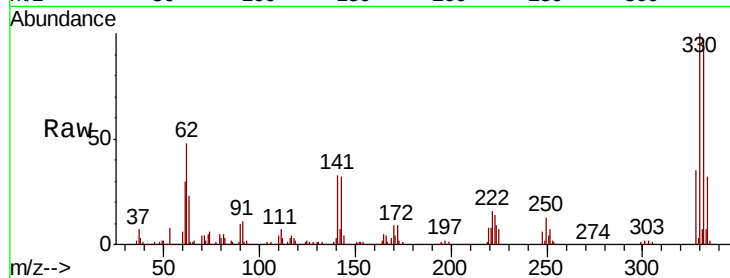
Tot Ion:330 Resp: 1224085

Ion Ratio Lower Upper

330 100

332 96.8 76.8 115.2

141 33.7 27.0 40.4

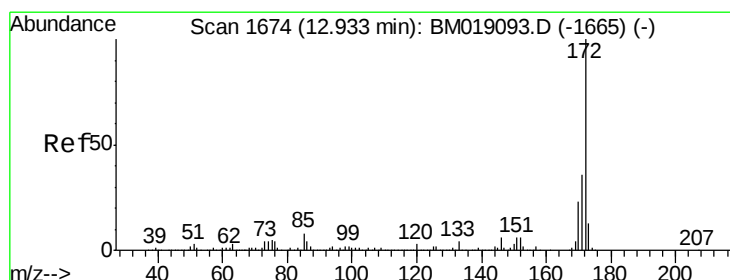
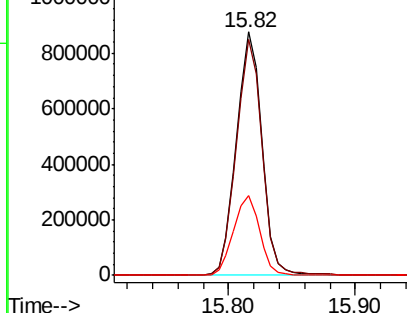
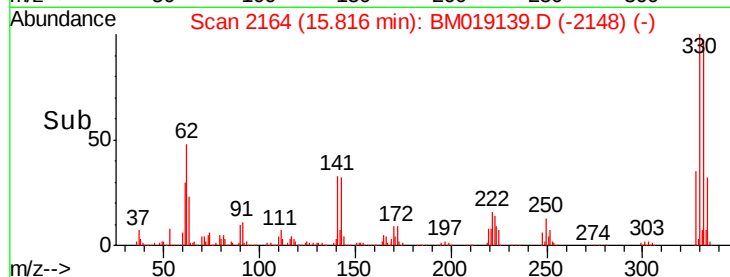


Abundance

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: 68.477 ng

RT: 12.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BM019139.D

Acq: 13 Mar 2019 09:04

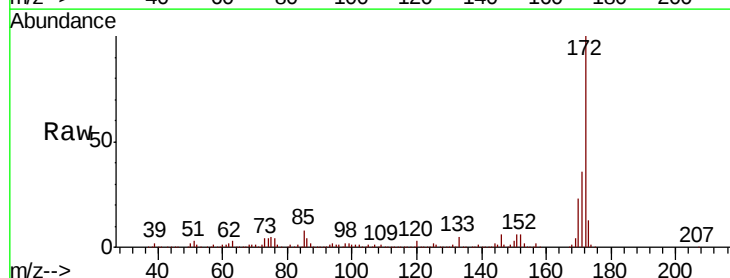
Tgt Ion:172 Resp: 2979559

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 23.3 18.6 28.0

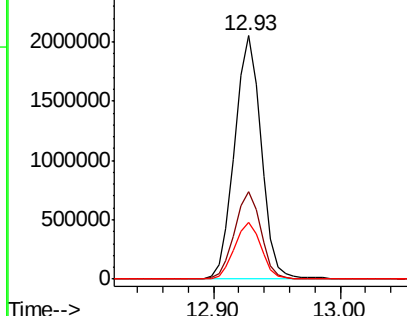
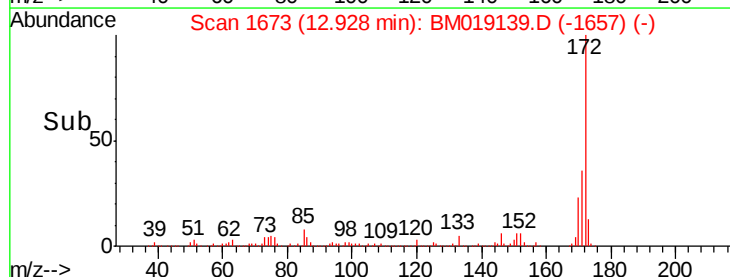


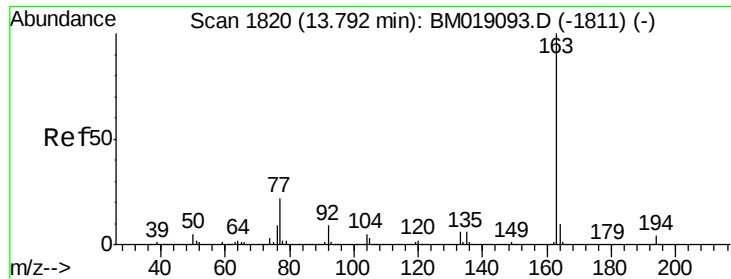
Abundance

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: 5.708 ng

RT: 13.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM019139.D

Acq: 13 Mar 2019 09:04

Instrument :

BNA\_M

ClientSampled :

P-3

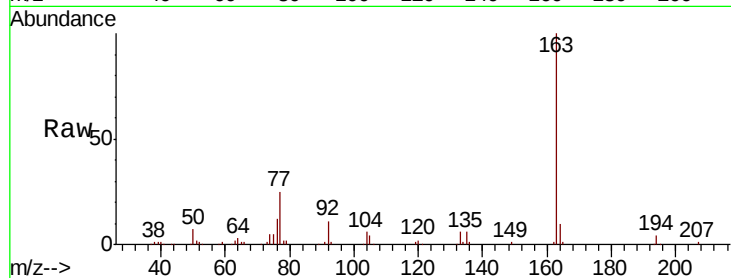
Tot Ion:163 Resp: 276371

Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

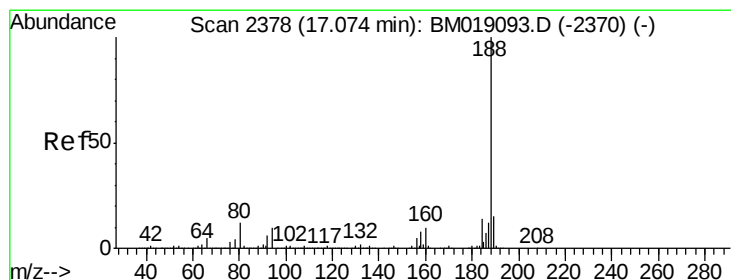
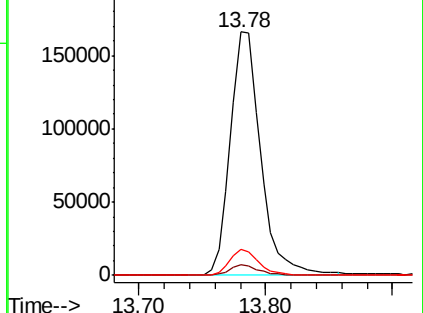
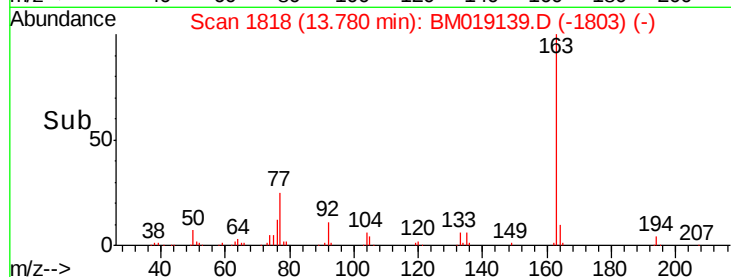
164 10.4 7.7 11.5



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: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019139.D

Acq: 13 Mar 2019 09:04

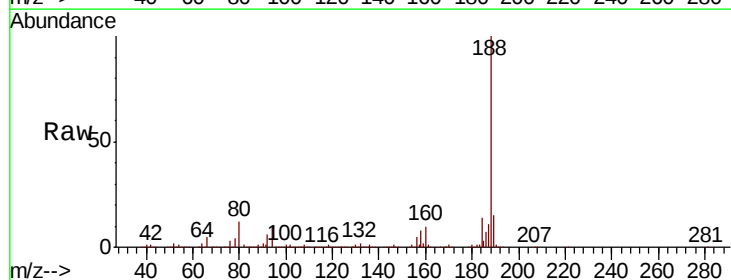
Tgt Ion:188 Resp: 1366064

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

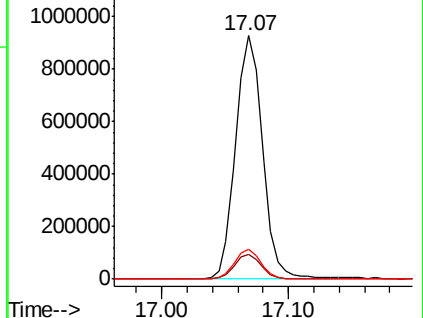
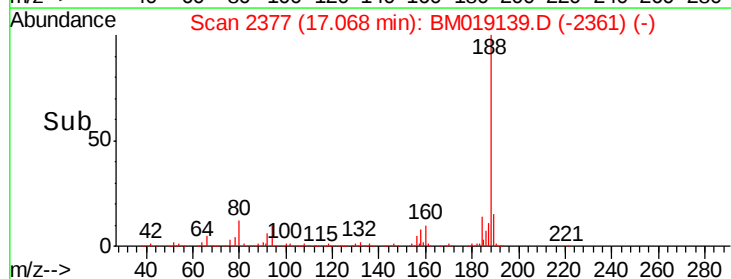
80 12.1 9.7 14.5

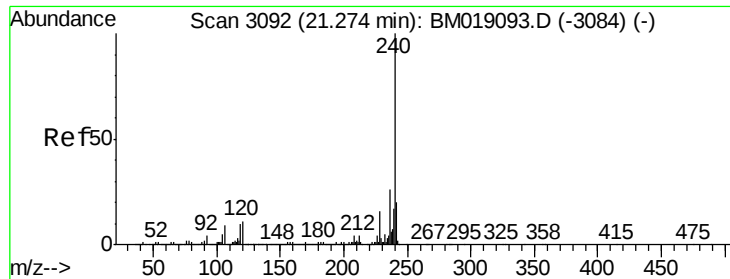


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

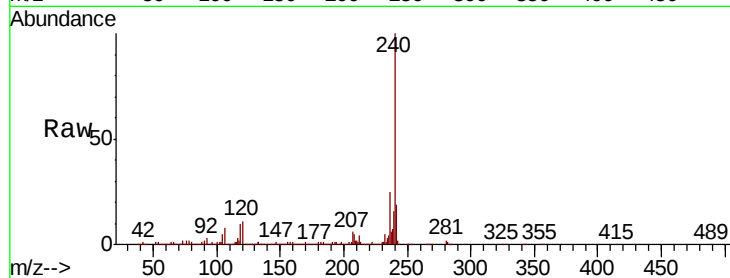




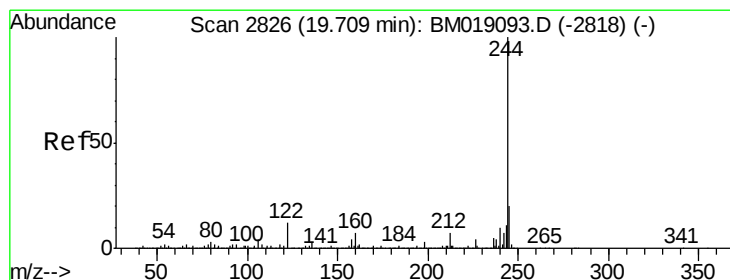
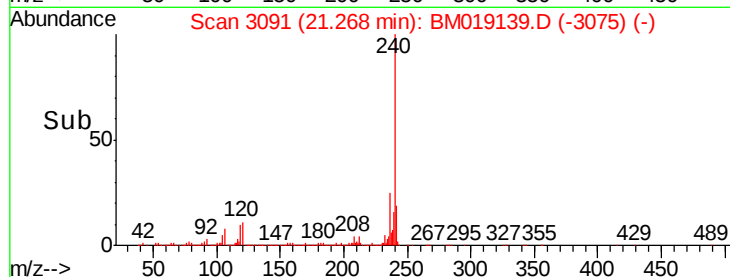
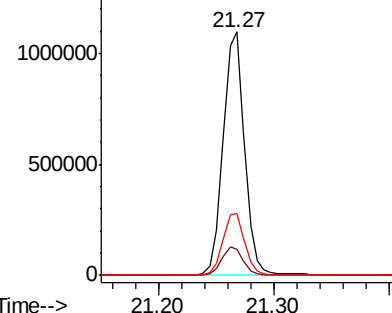
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.27 min Scan# 3091  
 Delta R.T. -0.01 min  
 Lab File: BM019139.D  
 Acq: 13 Mar 2019 09:04

Instrument :  
 BNA\_M  
 ClientSampled :  
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Tot Ion:240 Resp: 1411029  
 Ion Ratio Lower Upper  
 240 100  
 120 10.6 8.9 13.3  
 236 25.4 21.0 31.4

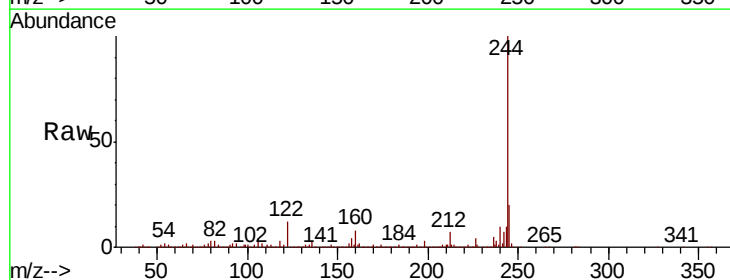


Abundance Ion 240.00 (239.70 to 240.70): E  
 1500000 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

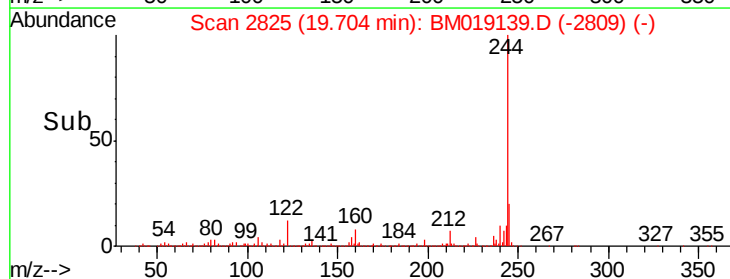
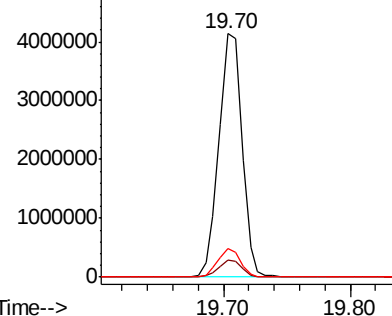


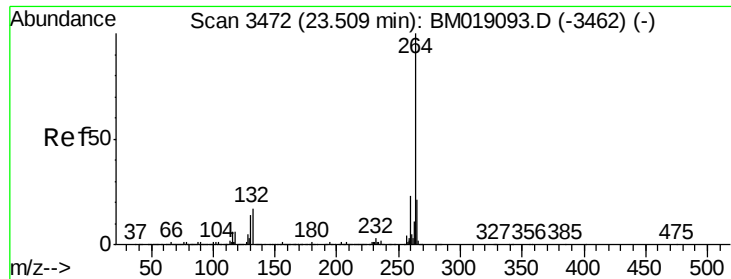
#79  
 Terphenyl-d14  
 Concen: 73.508 ng  
 RT: 19.70 min Scan# 2825  
 Delta R.T. -0.01 min  
 Lab File: BM019139.D  
 Acq: 13 Mar 2019 09:04

Tgt Ion:244 Resp: 5224688  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.4 8.2  
 122 12.0 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E  
 5000000 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E





#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.50 min Scan# 3471  
 Delta R.T. -0.01 min  
 Lab File: BM019139.D  
 Acq: 13 Mar 2019 09:04

Instrument :  
 BNA\_M  
 ClientSampleId :  
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Tot Ion:264 Resp: 1296198  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 18.6 28.0  
 265 22.3 17.3 25.9

