

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\  
 Data File : BP000351.D  
 Acq On : 20 Sep 2019 14:00  
 Operator : HP/JU  
 Sample : K4957-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-39-COMP

Quant Time: Sep 20 23:37:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 19 14:44:51 2019  
 Response via : Initial Calibration

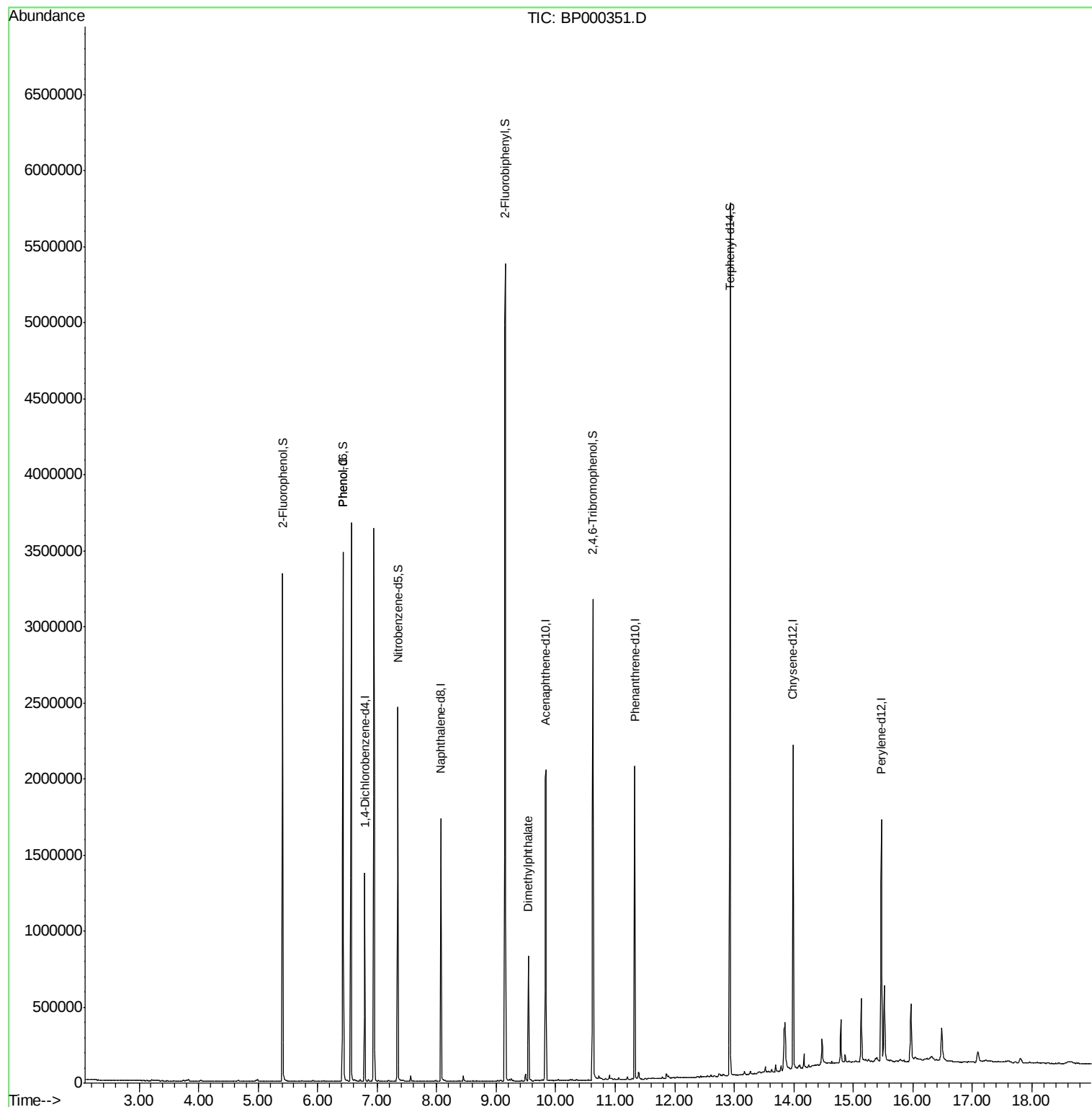
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 206858   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.07  | 136  | 769355   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.83  | 164  | 436660   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.33 | 188  | 778234   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.99 | 240  | 666362   | 20.00  | ng    | -0.01    |
| 87) Perylene-d12            | 15.47 | 264  | 752134   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.41  | 112  | 1011879  | 84.45  | ng    | 0.00     |
| 7) Phenol-d6                | 6.43  | 99   | 1325720  | 90.26  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 726691   | 60.94  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 402212   | 92.87  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.15  | 172  | 1668637  | 68.78  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.93 | 244  | 1937638  | 61.00  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.43  | 94   | 64435    | 3.861  | ng    | 84       |
| 50) Dimethylphthalate       | 9.54  | 163  | 330281   | 11.102 | ng    | 99       |

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

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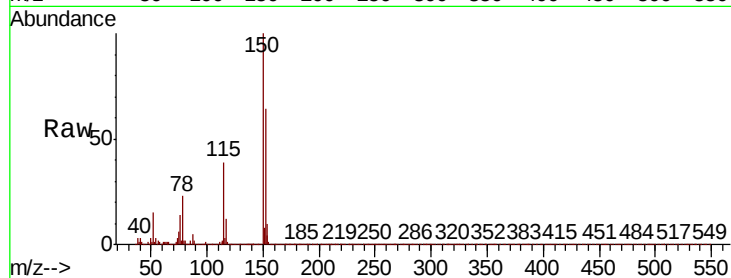


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 799  
Delta R.T. -0.00 min  
Lab File: BP000351.D  
Acq: 20 Sep 2019 14:00

Instrument :  
BNA\_P  
ClientSampleId :  
SB-39-COMP

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.3 | 125.2 | 187.8 |
| 115     | 60.8  | 49.7  | 74.5  |

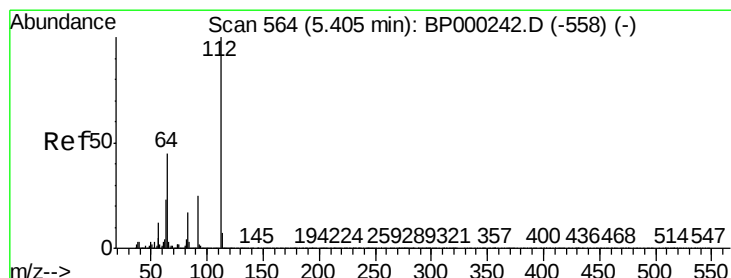
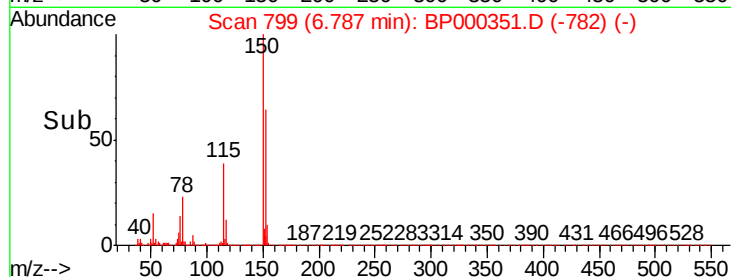
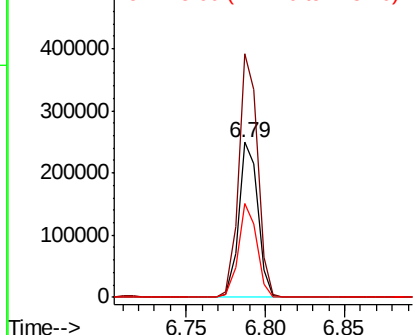


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

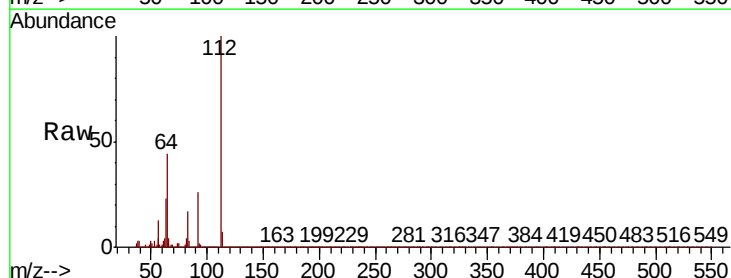
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol  
Concen: 84.447 ng  
RT: 5.41 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: BP000351.D  
Acq: 20 Sep 2019 14:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 44.0  | 36.2  | 54.4  |
| 63      | 23.2  | 18.3  | 27.5  |

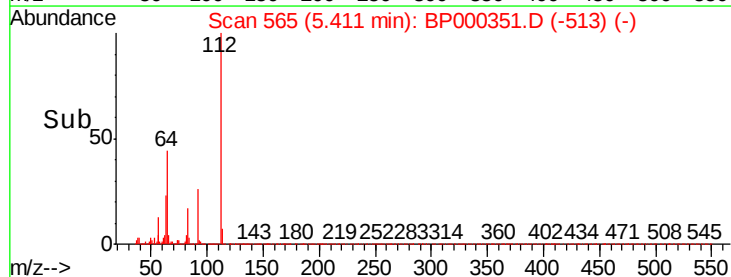
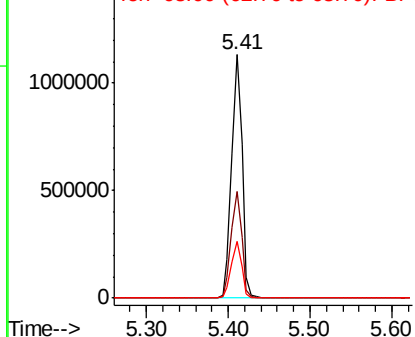


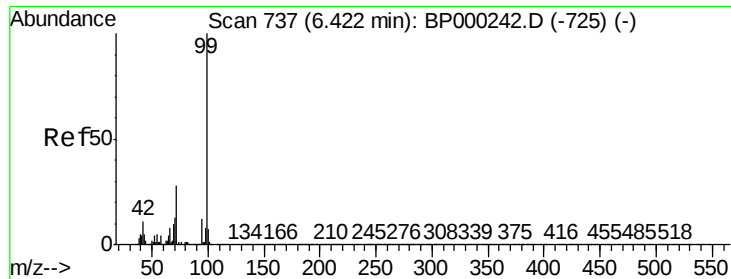
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 90.259 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

Instrument :

BNA\_P

ClientSampleId :

SB-39-COMP

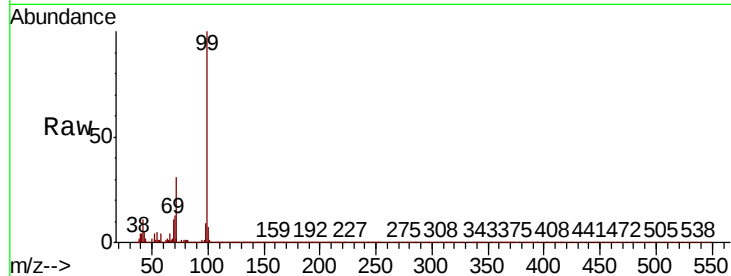
Tot Ion: 99 Resp: 1325720

Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

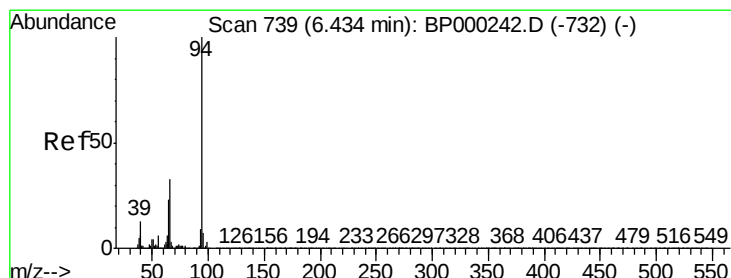
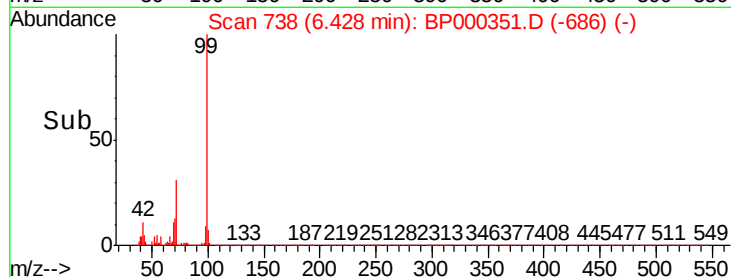
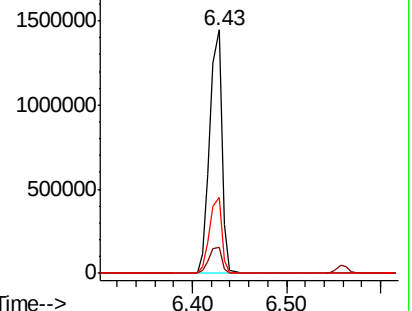
71 31.1 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 3.861 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

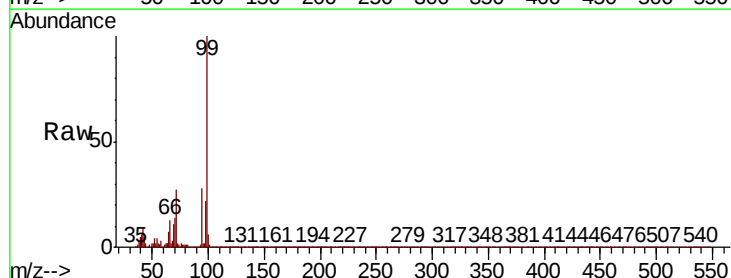
Tgt Ion: 94 Resp: 64435

Ion Ratio Lower Upper

94 100

65 26.4 3.3 43.3

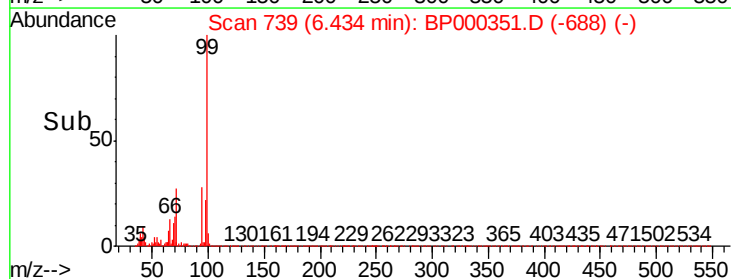
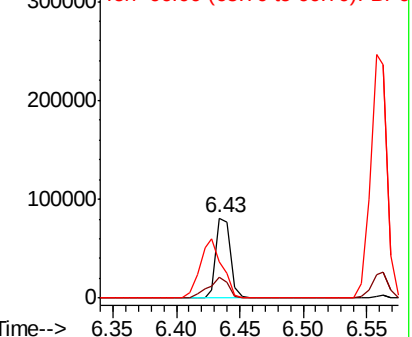
66 45.8 12.7 52.7

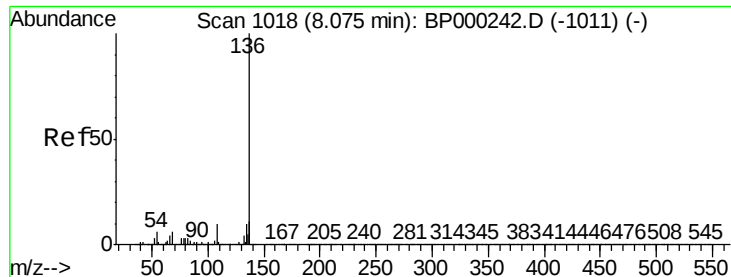


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

Instrument :

BNA\_P

ClientSampleId :

SB-39-COMP

Tot Ion:136 Resp: 769355

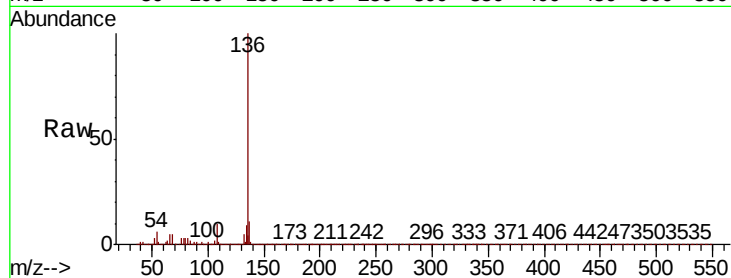
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 5.9 4.5 6.7

68 5.5 4.5 6.7

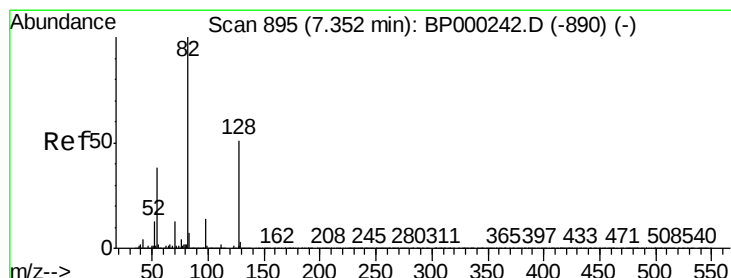
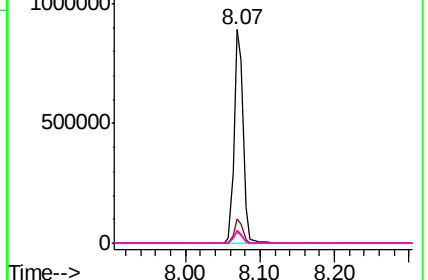
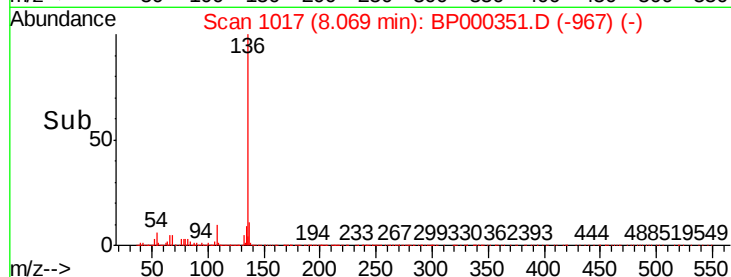


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 60.942 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

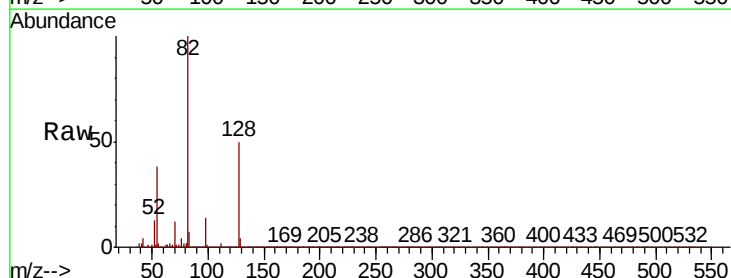
Tgt Ion: 82 Resp: 726691

Ion Ratio Lower Upper

82 100

128 50.1 40.7 61.1

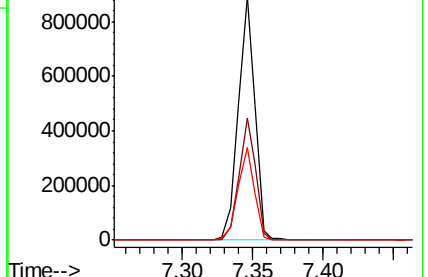
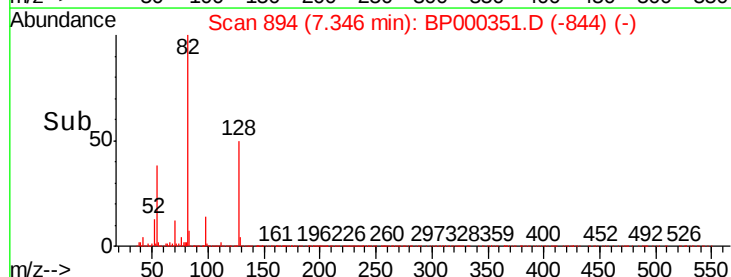
54 37.9 30.1 45.1

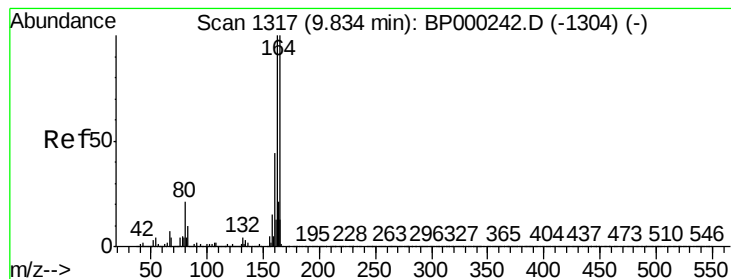


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

Instrument :

BNA\_P

ClientSampleId :

SB-39-COMP

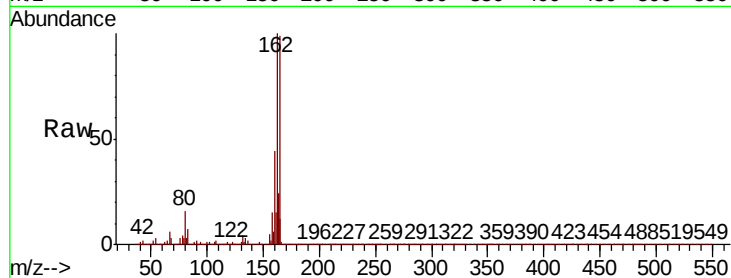
Tot Ion:164 Resp: 436660

Ion Ratio Lower Upper

164 100

162 100.9 79.9 119.9

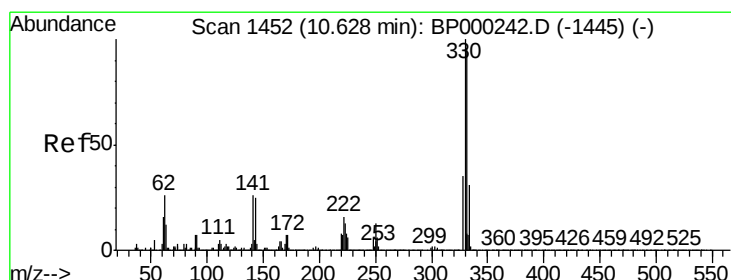
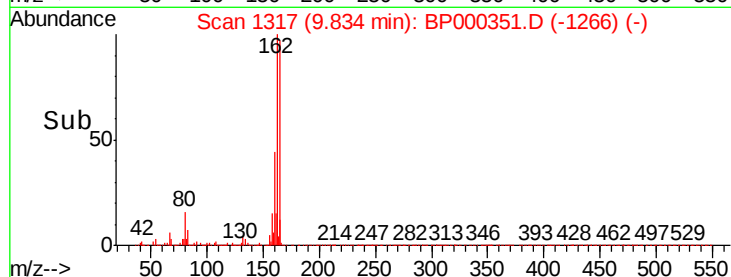
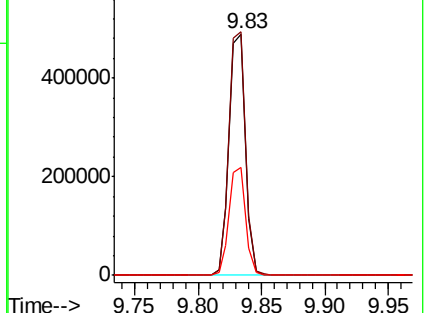
160 44.7 35.6 53.4



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: 92.866 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

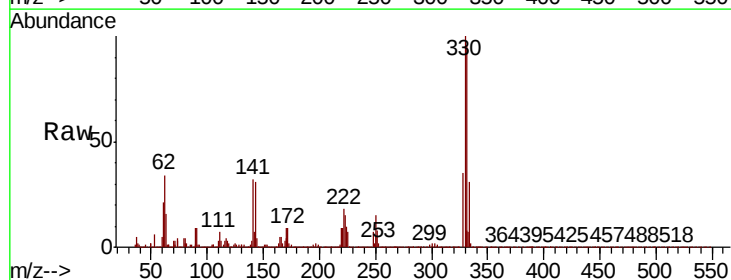
Tgt Ion:330 Resp: 402212

Ion Ratio Lower Upper

330 100

332 96.9 76.6 115.0

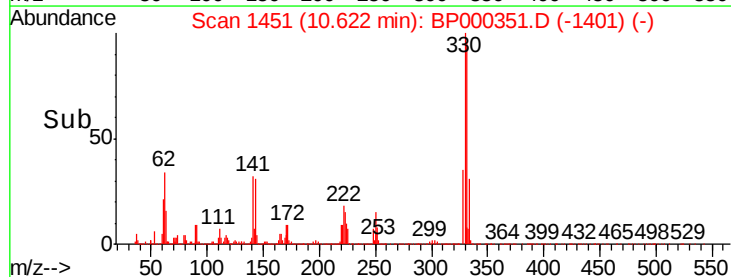
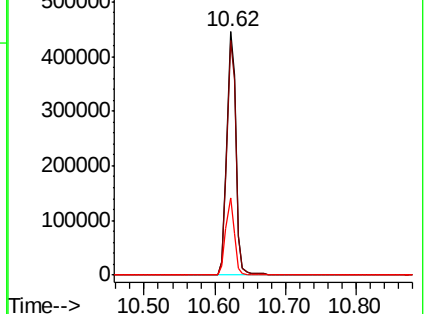
141 30.2 26.5 39.7

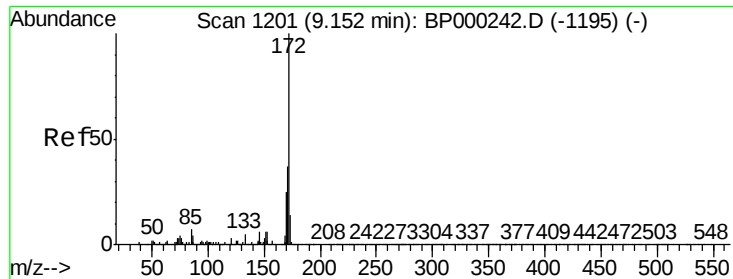


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

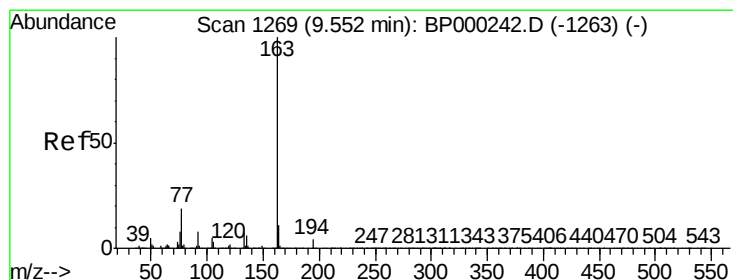
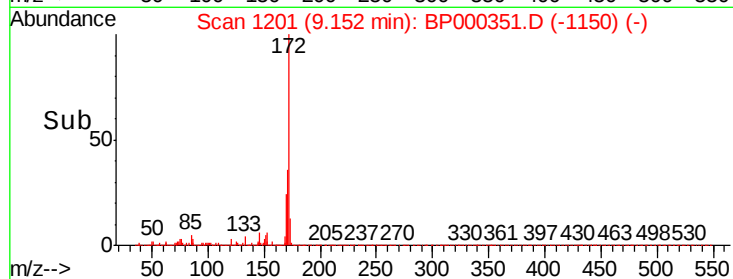
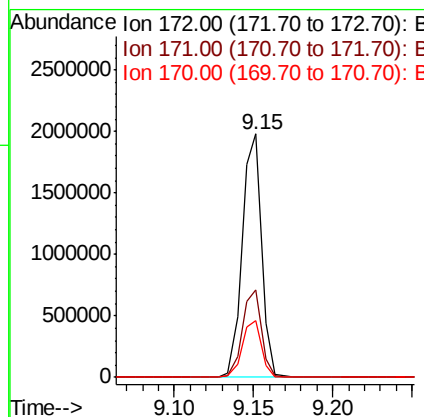
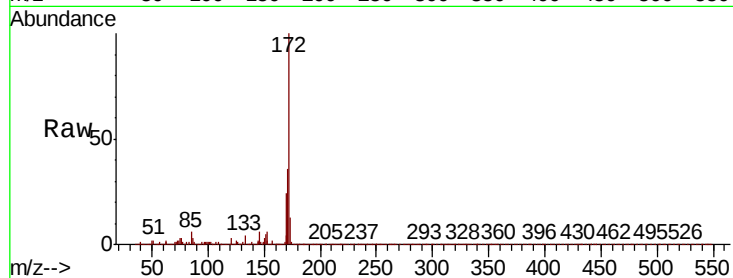




#45  
2-Fluorobiphenyl  
Concen: 68.777 ng  
RT: 9.15 min Scan# 1201  
Delta R.T. -0.00 min  
Lab File: BP000351.D  
Acq: 20 Sep 2019 14:00

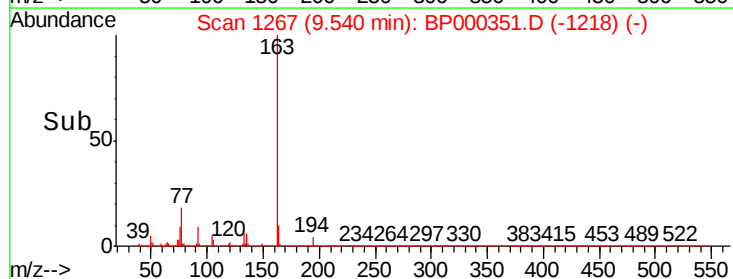
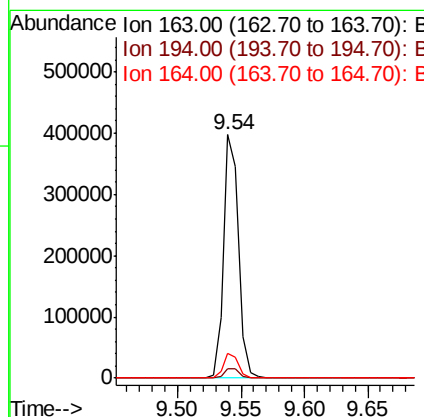
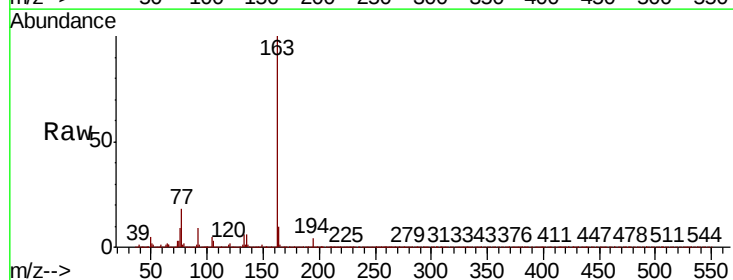
Instrument :  
BNA\_P  
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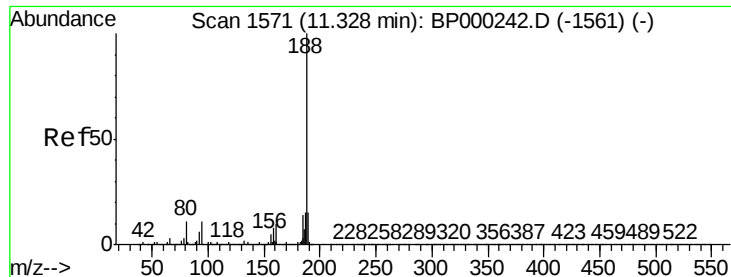
Tot Ion:172 Resp: 1668637  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.8 44.6  
170 23.6 19.8 29.6



#50  
Dimethylphthalate  
Concen: 11.102 ng  
RT: 9.54 min Scan# 1267  
Delta R.T. -0.01 min  
Lab File: BP000351.D  
Acq: 20 Sep 2019 14:00

Tgt Ion:163 Resp: 330281  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 10.1 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

Instrument :

BNA\_P

ClientSampleId :

SB-39-COMP

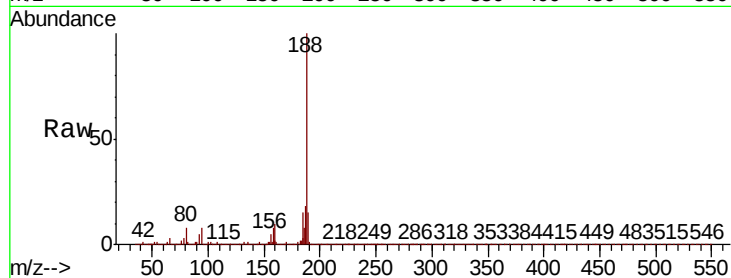
Tot Ion:188 Resp: 778234

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

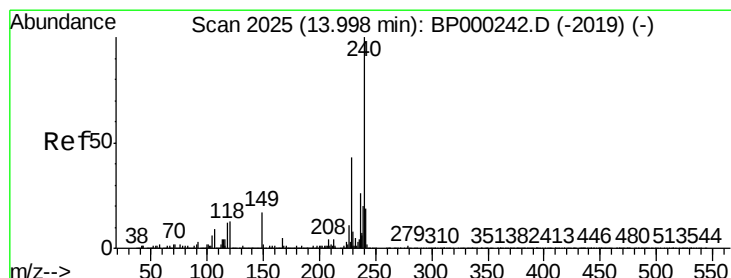
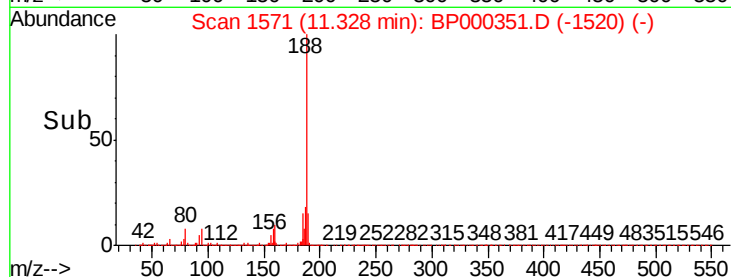
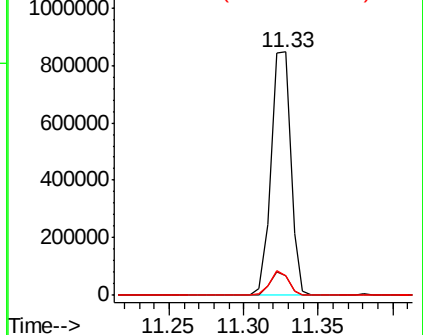
80 8.3 8.6 13.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

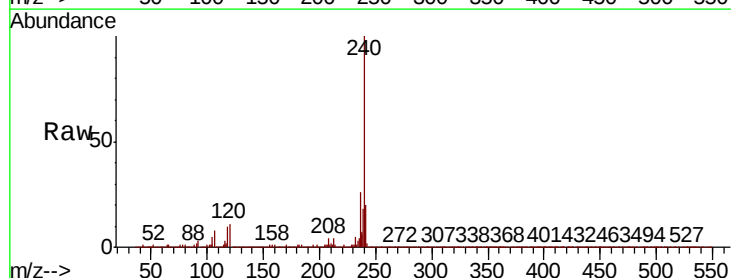
Tgt Ion:240 Resp: 666362

Ion Ratio Lower Upper

240 100

120 11.4 10.4 15.6

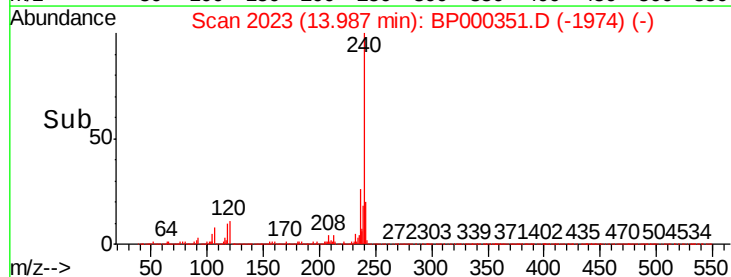
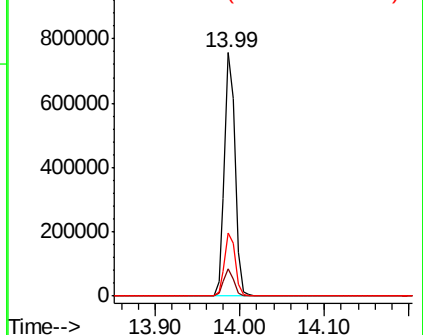
236 25.7 21.0 31.6

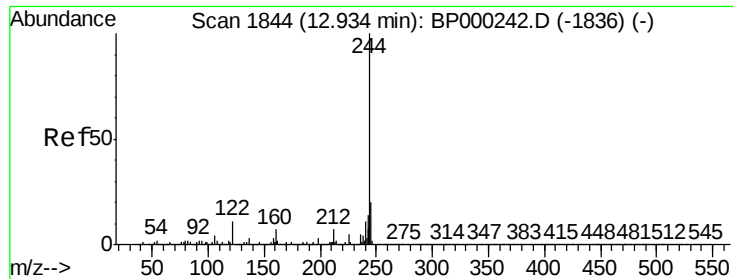


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.001 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

Instrument :

BNA\_P

ClientSampleId :

SB-39-COMP

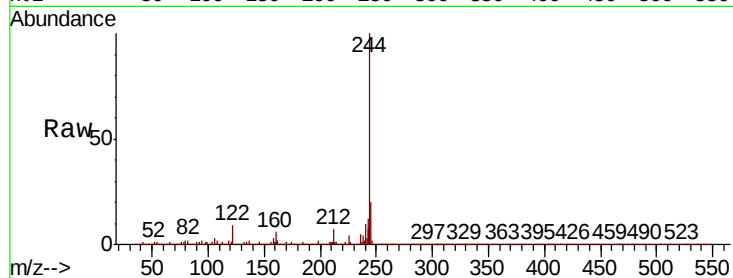
Tot Ion:244 Resp: 1937638

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

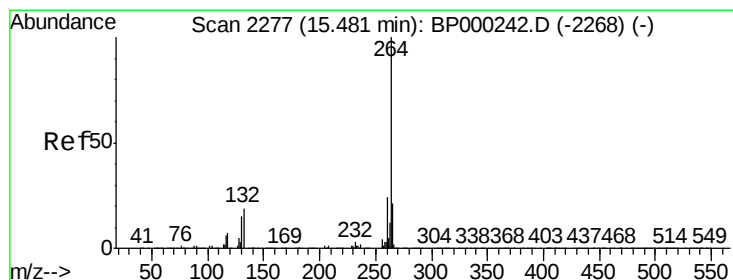
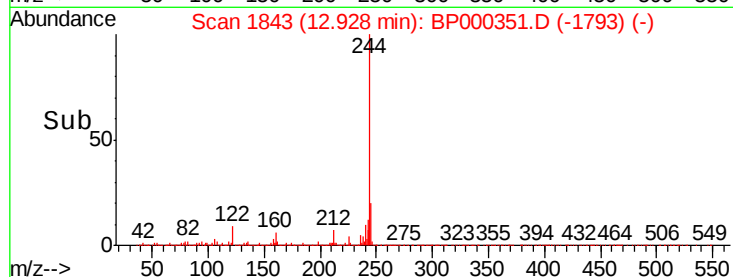
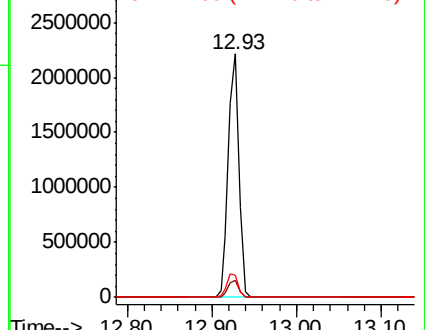
122 9.3 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BP000351.D

Acq: 20 Sep 2019 14:00

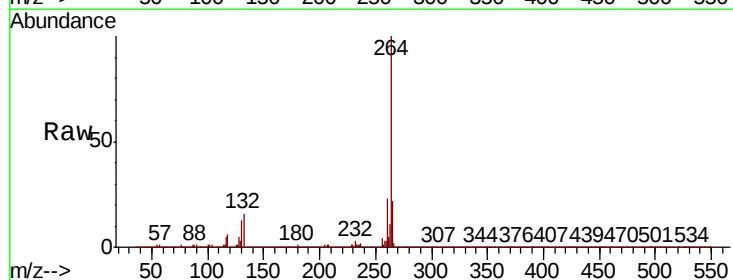
Tgt Ion:264 Resp: 752134

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 22.1 17.2 25.8



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

