

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
 Data File : BF120635.D  
 Acq On : 17 Jun 2020 16:28  
 Operator : JU/CG  
 Sample : L3020-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-24(19-21)

Quant Time: Jun 17 17:08:26 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 11:28:22 2020  
 Response via : Initial Calibration

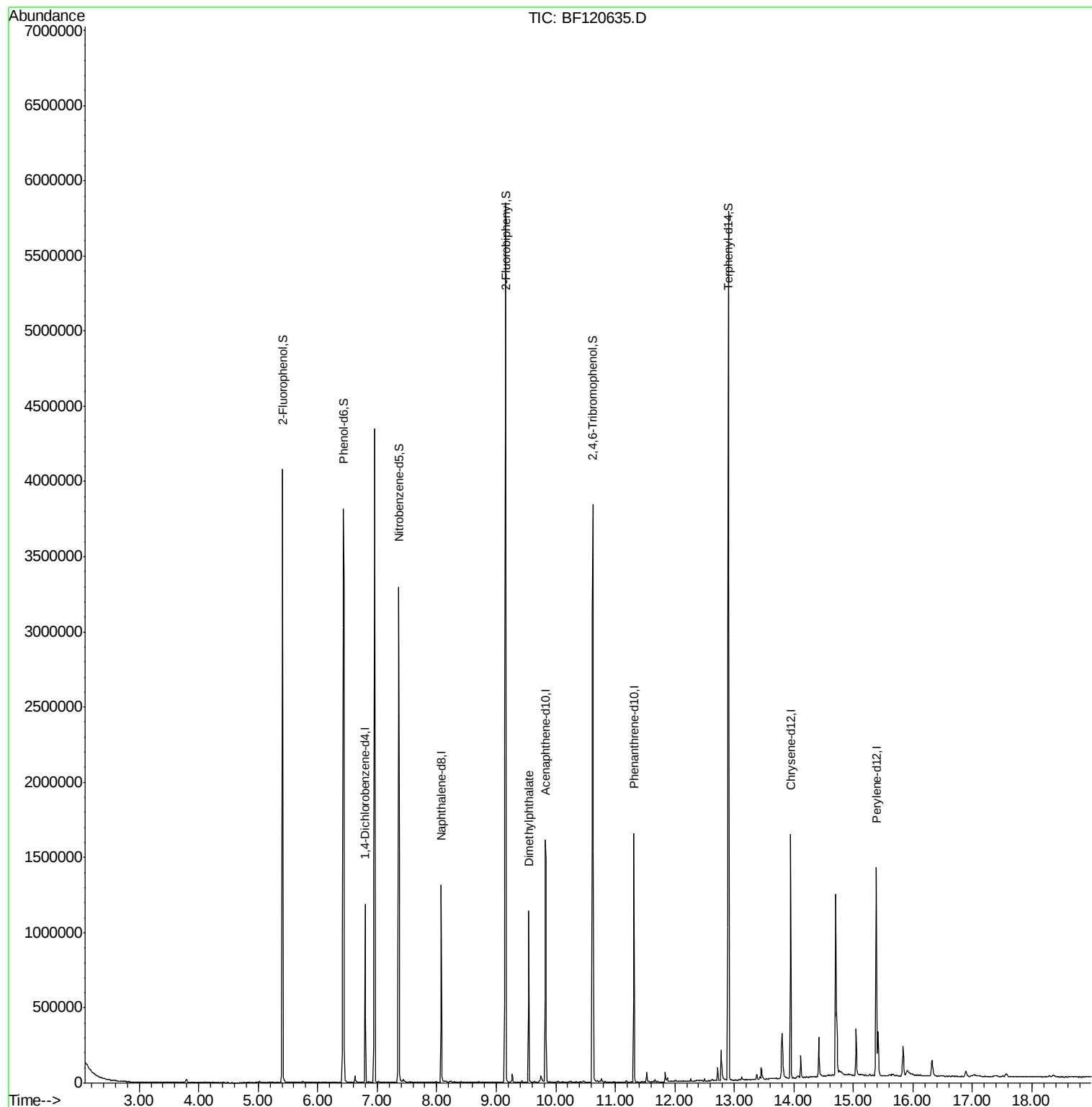
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.80  | 152  | 163408   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.08  | 136  | 622504   | 20.00  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.83  | 164  | 325576   | 20.00  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.32 | 188  | 648155   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 13.94 | 240  | 585566   | 20.00  | ng    | -0.02     |
| 86) Perylene-d12            | 15.39 | 264  | 637297   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.41  | 112  | 1370751  | 143.82 | ng    | 0.00      |
| 7) Phenol-d6                | 6.43  | 99   | 1748666  | 147.30 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.36  | 82   | 1109504  | 99.63  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 548714   | 144.96 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.16  | 172  | 1986163  | 93.34  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.90 | 244  | 2465751  | 93.01  | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.55  | 163  | 397996   | 16.973 | ng    | Qvalue 99 |

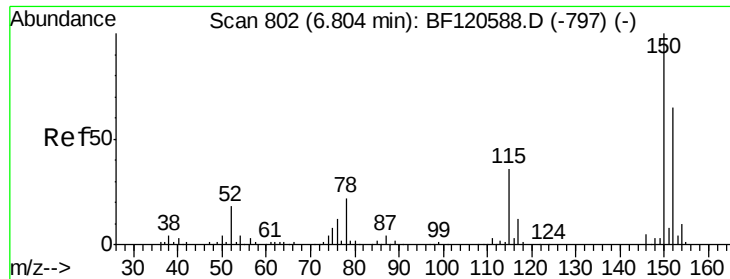
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\  
Data File : BF120635.D  
Acq On : 17 Jun 2020 16:28  
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Sample : L3020-03  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-24(19-21)

Quant Time: Jun 17 17:08:26 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 11 11:28:22 2020  
Response via : Initial Calibration



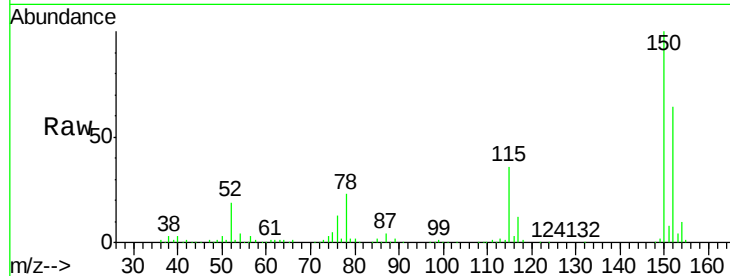


#1

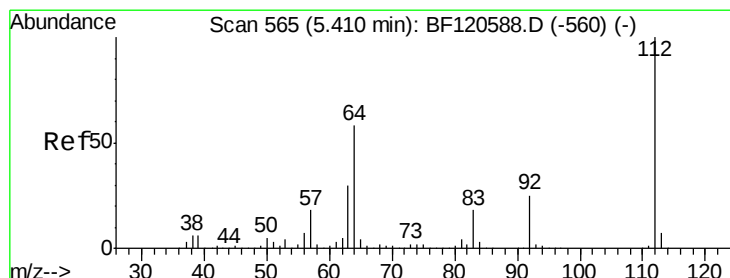
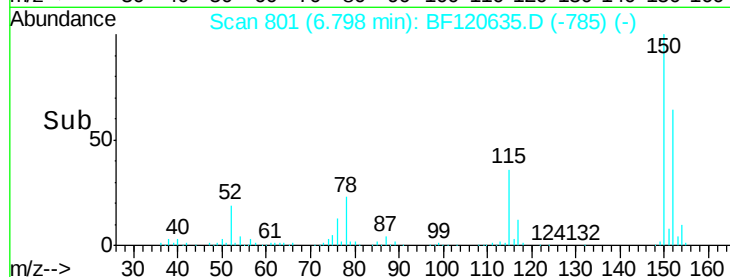
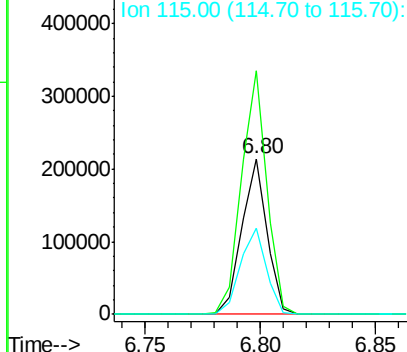
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.80 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BF120635.D  
Acq: 17 Jun 2020 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
MW-24(19-21)

Tot Ion:152 Resp: 163408  
Ion Ratio Lower Upper  
152 100  
150 156.5 123.2 184.8  
115 55.7 43.9 65.9



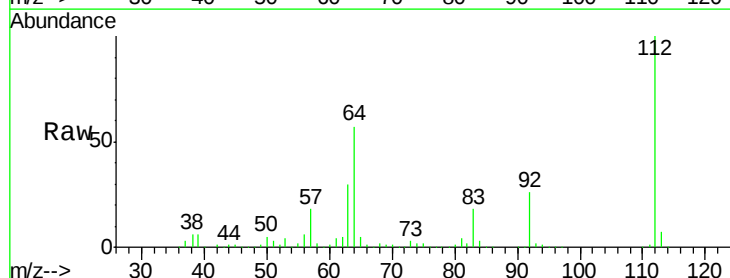
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



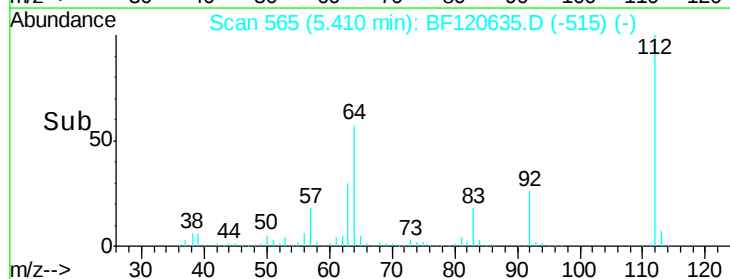
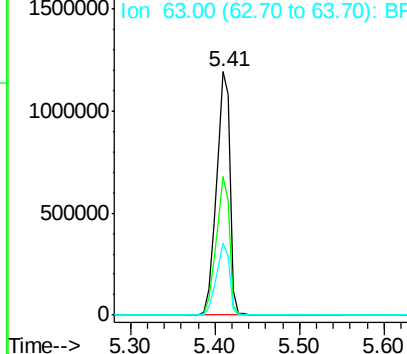
#5

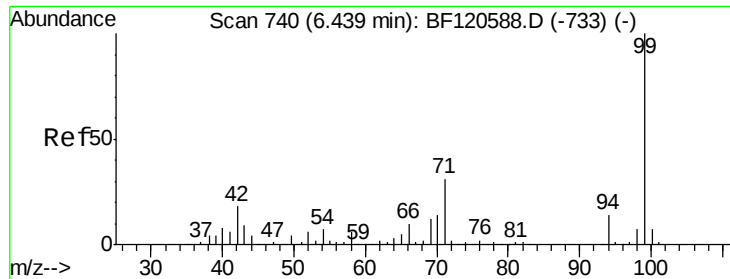
2-Fluorophenol  
Concen: 143.817 ng  
RT: 5.41 min Scan# 565  
Delta R.T. -0.01 min  
Lab File: BF120635.D  
Acq: 17 Jun 2020 16:28

Tgt Ion:112 Resp: 1370751  
Ion Ratio Lower Upper  
112 100  
64 57.1 46.1 69.1  
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 147.305 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120635.D

Acq: 17 Jun 2020 16:28

Instrument :

BNA\_F

ClientSampleId :

MW-24(19-21)

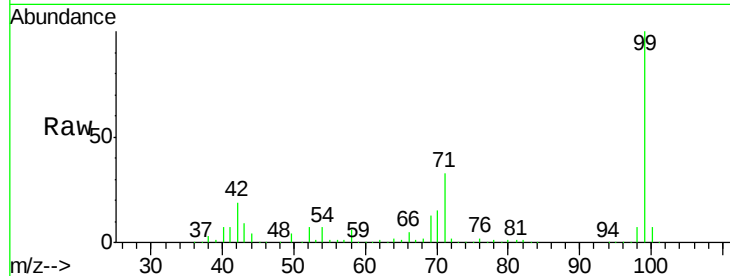
Tot Ion: 99 Resp: 1748666

Ion Ratio Lower Upper

99 100

42 18.9 14.0 21.0

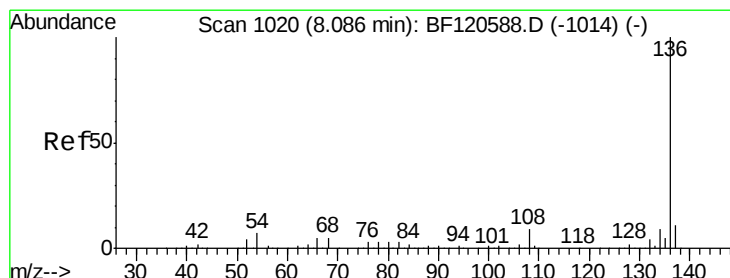
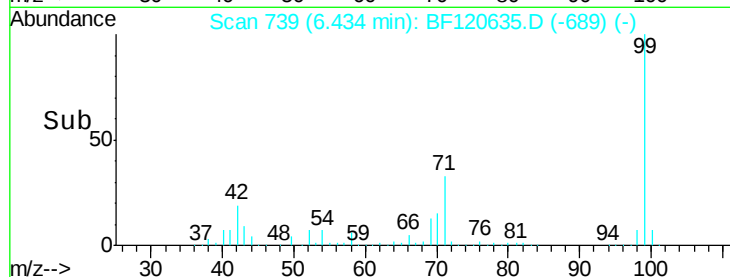
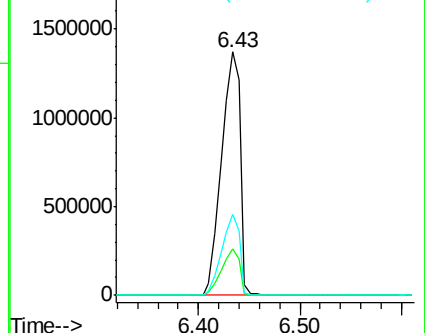
71 33.3 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF120635.D

Acq: 17 Jun 2020 16:28

Tgt Ion: 136 Resp: 622504

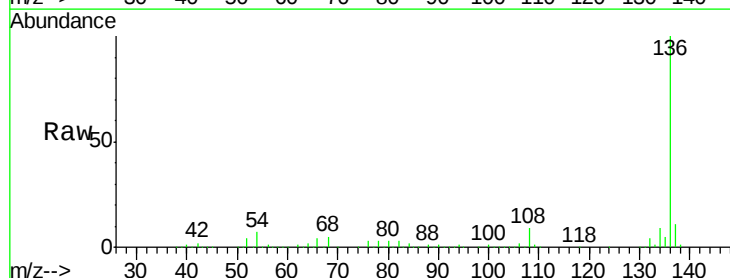
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.9 5.8 8.6

68 5.3 4.4 6.6

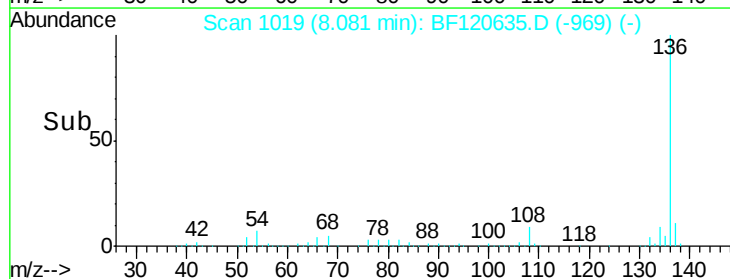
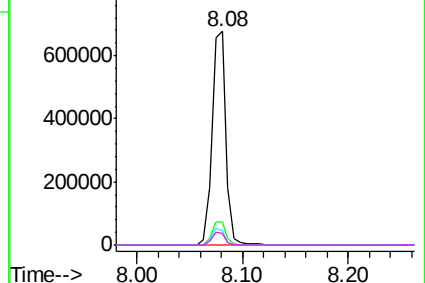


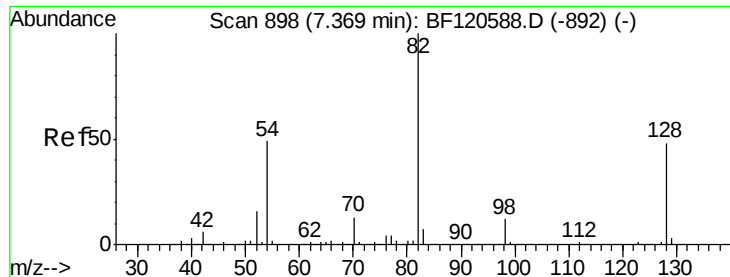
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

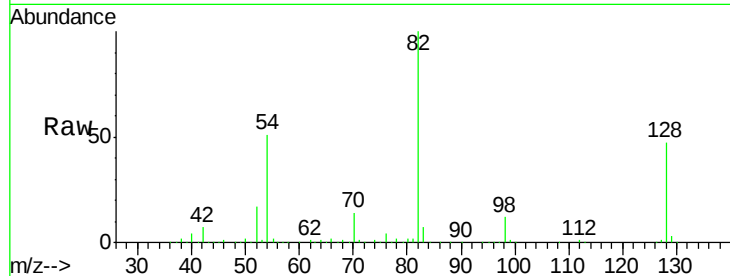




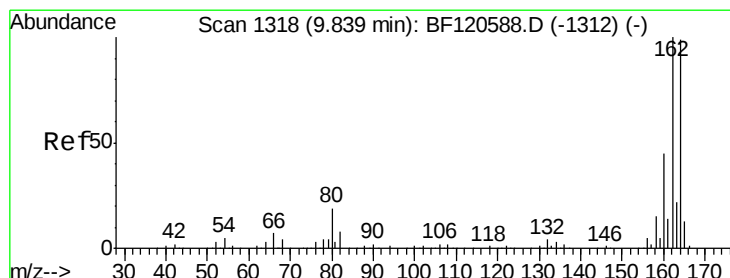
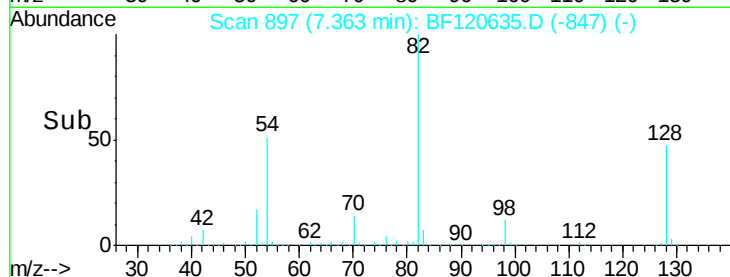
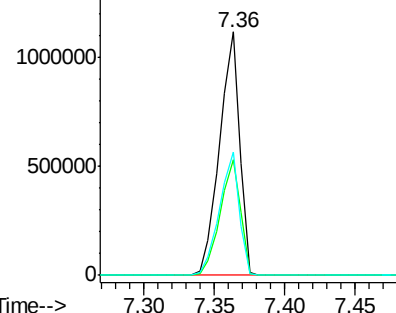
#23  
Nitrobenzene-d5  
Concen: 99.626 ng  
RT: 7.36 min Scan# 897  
Delta R.T. -0.01 min  
Lab File: BF120635.D  
Acq: 17 Jun 2020 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
MW-24(19-21)

Tot Ion: 82 Resp: 1109504  
Ion Ratio Lower Upper  
82 100  
128 47.5 38.0 57.0  
54 50.6 38.8 58.2

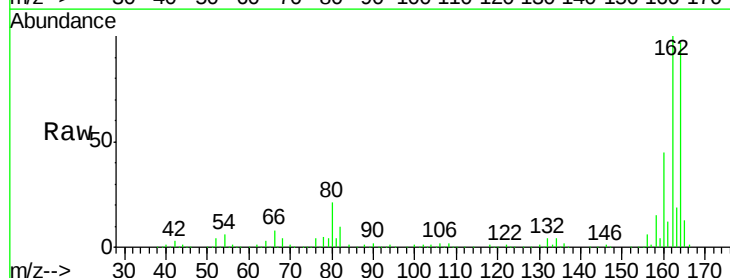


Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

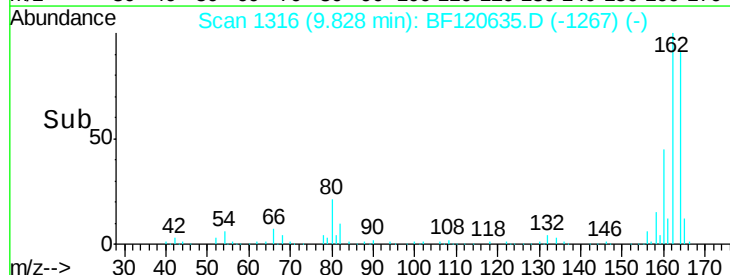
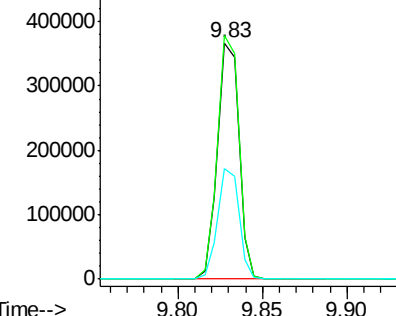


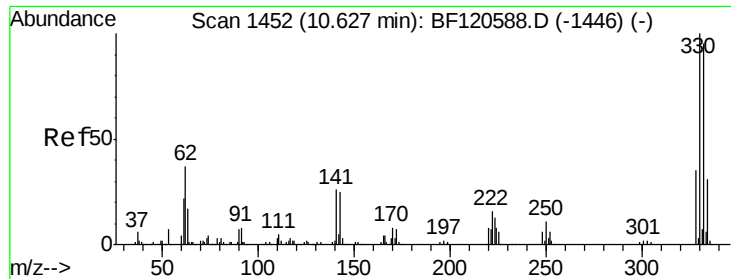
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.83 min Scan# 1316  
Delta R.T. -0.01 min  
Lab File: BF120635.D  
Acq: 17 Jun 2020 16:28

Tgt Ion:164 Resp: 325576  
Ion Ratio Lower Upper  
164 100  
162 103.0 80.6 120.8  
160 46.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): BF1  
Ion 162.00 (161.70 to 162.70): BF1  
Ion 160.00 (159.70 to 160.70): BF1

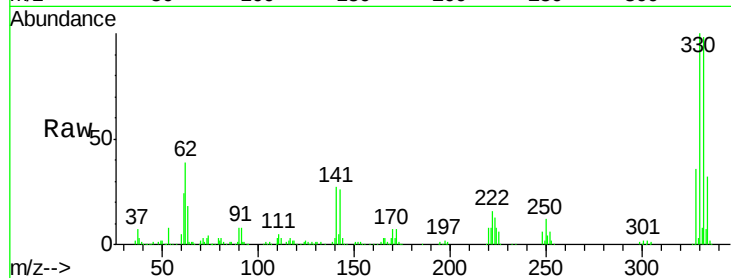




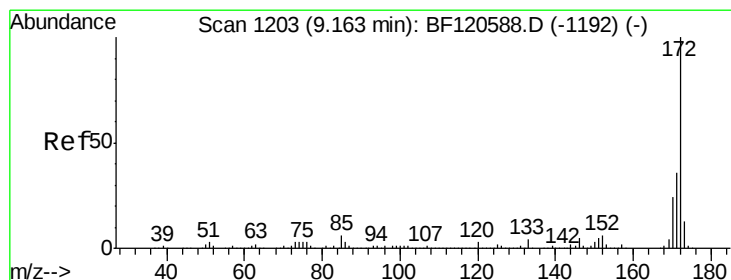
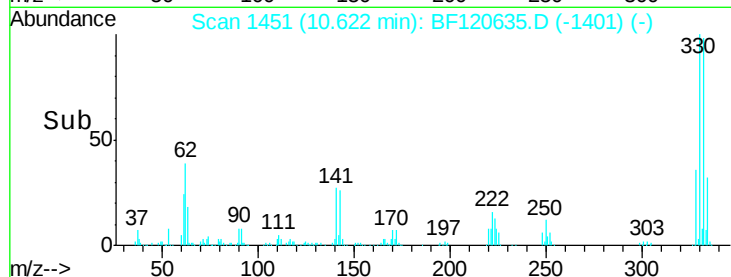
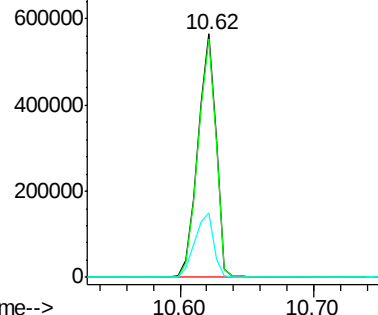
#42  
 2,4,6-Tribromophenol  
 Concen: 144.960 ng  
 RT: 10.62 min Scan# 1451  
 Delta R.T. -0.01 min  
 Lab File: BF120635.D  
 Acq: 17 Jun 2020 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-24(19-21)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.4  | 76.8  | 115.2 |
| 141     | 27.6  | 23.2  | 34.8  |

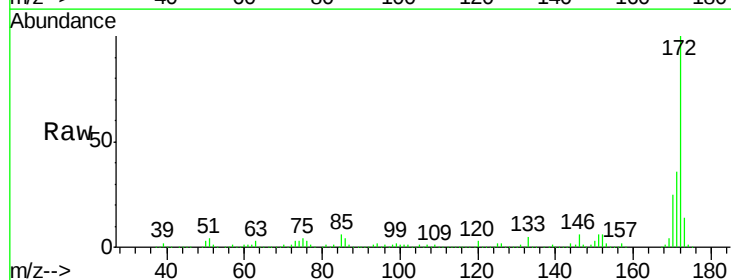


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

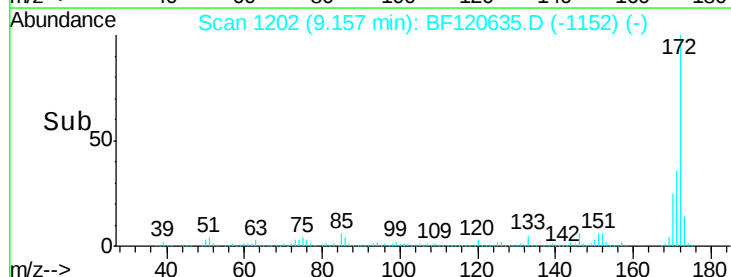
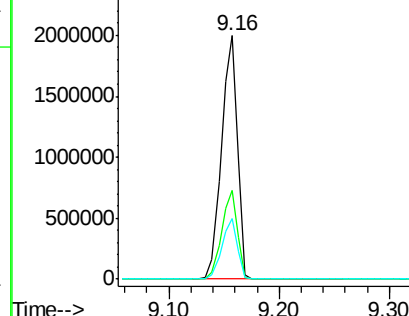


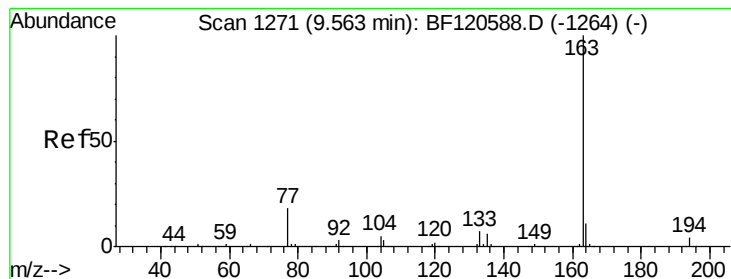
#45  
 2-Fluorobiphenyl  
 Concen: 93.336 ng  
 RT: 9.16 min Scan# 1202  
 Delta R.T. -0.01 min  
 Lab File: BF120635.D  
 Acq: 17 Jun 2020 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 29.0  | 43.4  |
| 170     | 24.9  | 19.4  | 29.2  |



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: 16.973 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120635.D

Acq: 17 Jun 2020 16:28

Instrument :

BNA\_F

ClientSampleId :

MW-24(19-21)

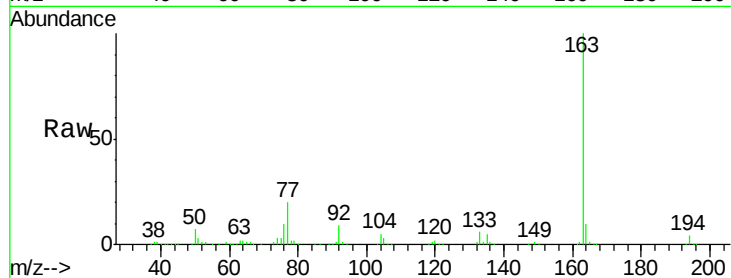
Tot Ion:163 Resp: 397996

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

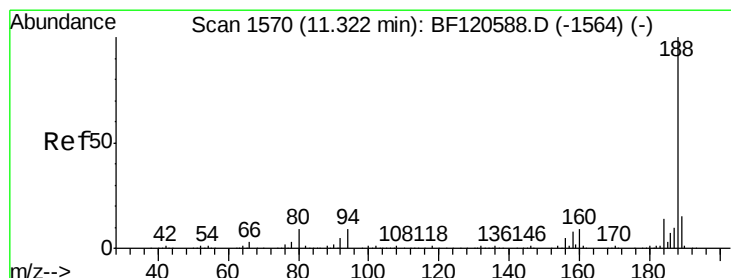
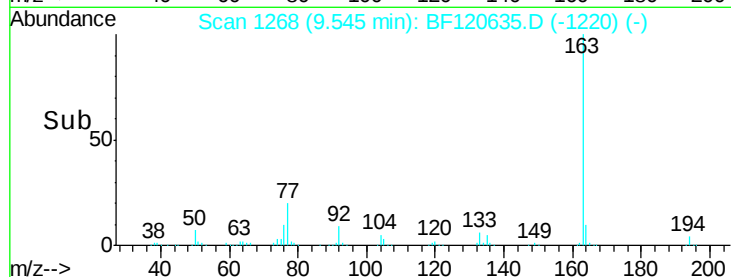
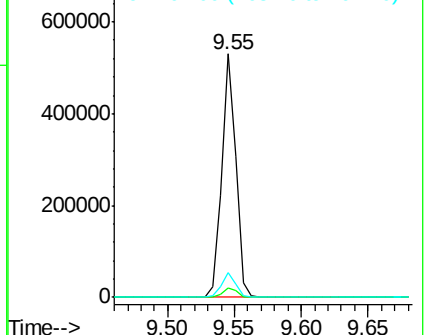
164 10.3 8.5 12.7



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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120635.D

Acq: 17 Jun 2020 16:28

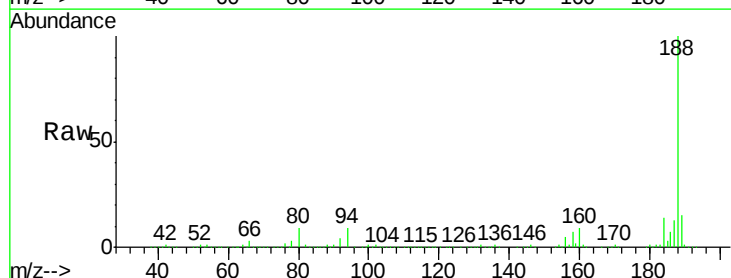
Tgt Ion:188 Resp: 648155

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

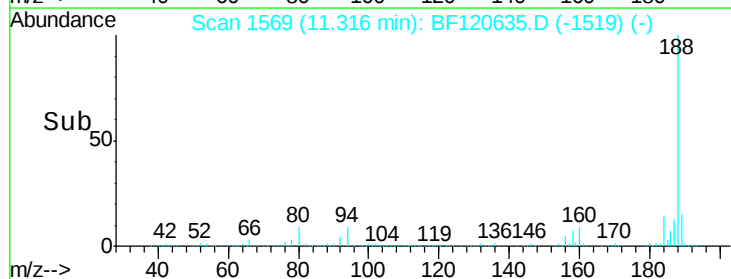
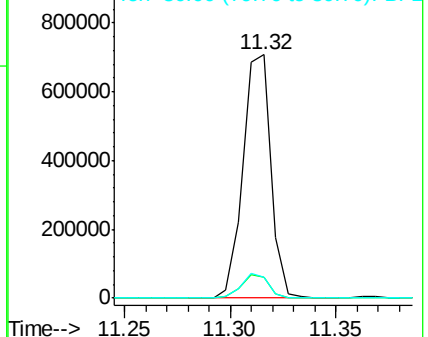
80 8.7 7.4 11.2

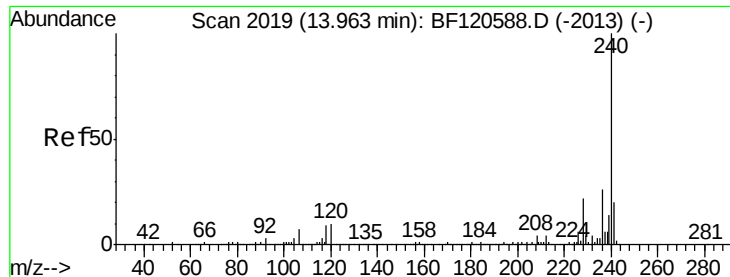


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

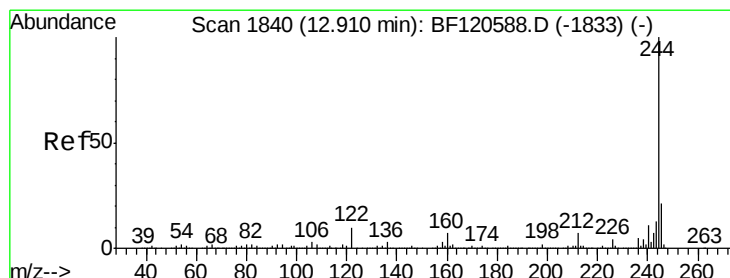
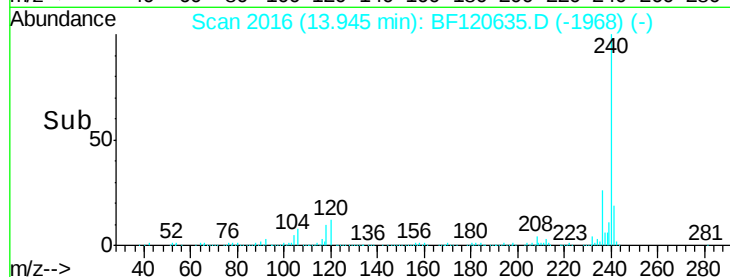
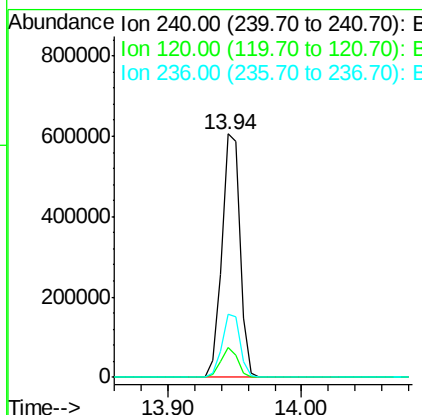
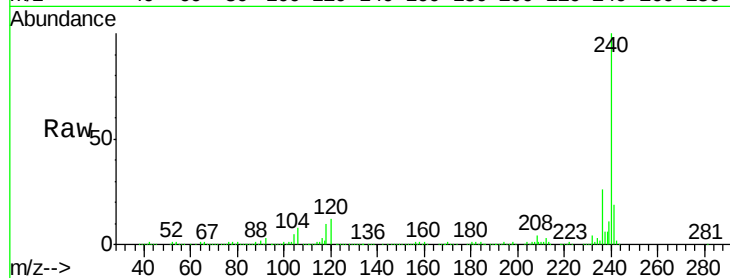




#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.94 min Scan# 2016  
 Delta R.T. -0.02 min  
 Lab File: BF120635.D  
 Acq: 17 Jun 2020 16:28

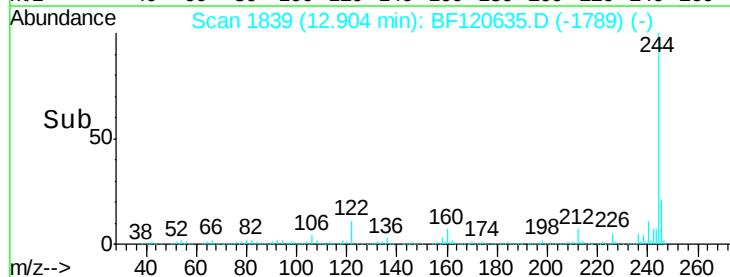
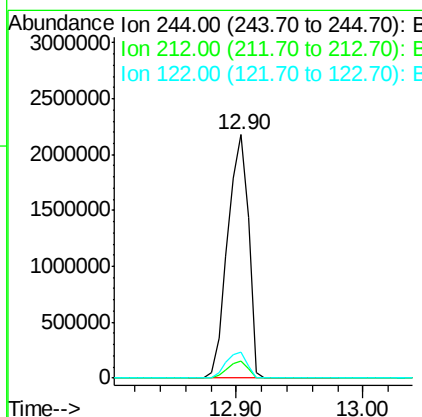
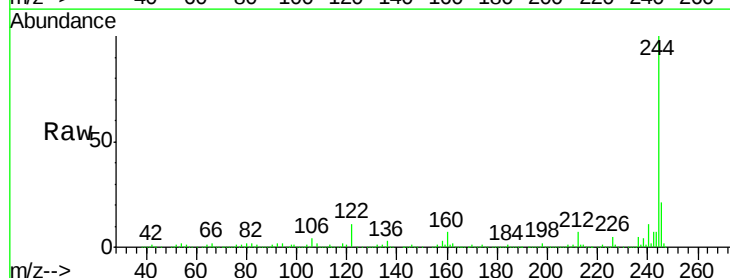
Instrument :  
 BNA\_F  
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 MW-24(19-21)

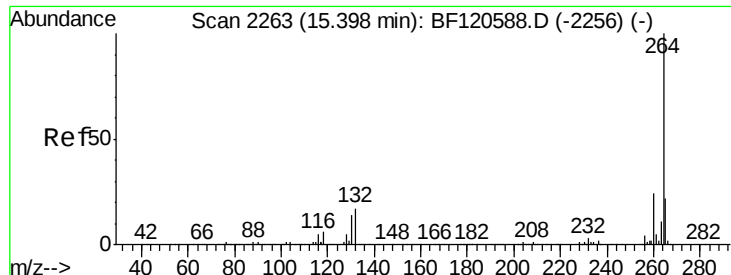
Tot Ion:240 Resp: 585566  
 Ion Ratio Lower Upper  
 240 100  
 120 12.1 8.3 12.5  
 236 25.8 21.0 31.4



#79  
 Terphenyl-d14  
 Concen: 93.013 ng  
 RT: 12.90 min Scan# 1839  
 Delta R.T. -0.01 min  
 Lab File: BF120635.D  
 Acq: 17 Jun 2020 16:28

Tgt Ion:244 Resp: 2465751  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.7 8.5  
 122 10.7 8.3 12.5

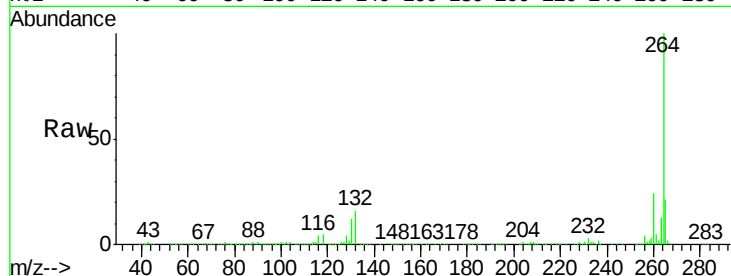




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.39 min Scan# 2261  
Delta R.T. -0.01 min  
Lab File: BF120635.D  
Acq: 17 Jun 2020 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
MW-24(19-21)

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.3  | 28.9  |
| 265     | 21.4  | 17.8  | 26.8  |



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

