

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\  
 Data File : BF117027.D  
 Acq On : 13 Sep 2019 17:31  
 Operator : HP/JU  
 Sample : K4836-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-1

Quant Time: Sep 14 00:33:44 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 13 16:23:17 2019  
 Response via : Initial Calibration

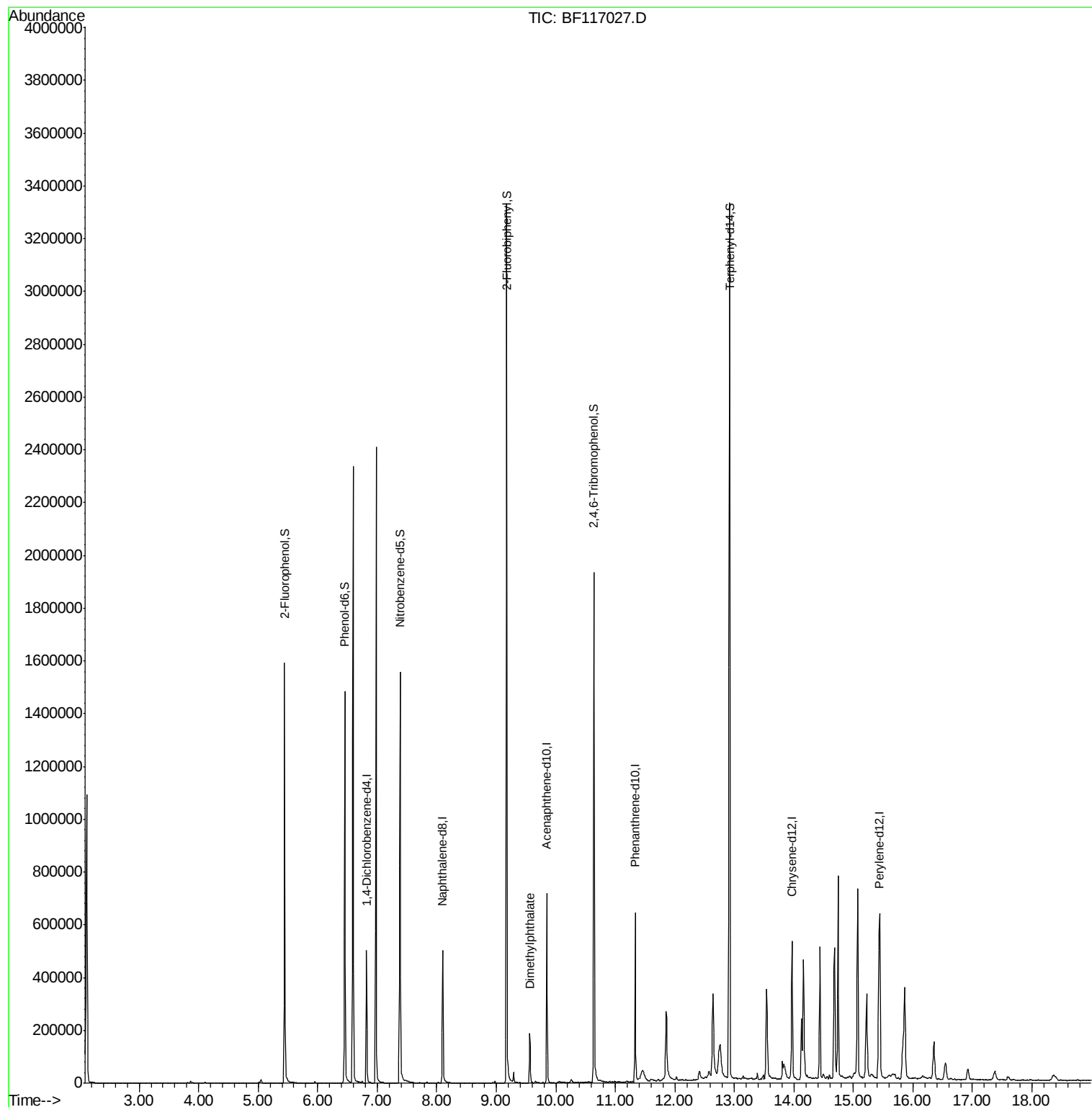
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.82  | 152  | 71597    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.10  | 136  | 276972   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.85  | 164  | 143792   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.33 | 188  | 239898   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 13.97 | 240  | 186331   | 20.00  | ng    | 0.00         |
| 87) Perylene-d12            | 15.43 | 264  | 176051   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.45  | 112  | 481218   | 104.93 | ng    | 0.00         |
| 7) Phenol-d6                | 6.46  | 99   | 536164   | 90.47  | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 644751   | 122.31 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 10.65 | 330  | 228023   | 189.74 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 9.17  | 172  | 1159962  | 126.13 | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.92 | 244  | 1125919  | 112.95 | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 9.56  | 163  | 80117    | 7.869  | ng    | Qvalue<br>99 |

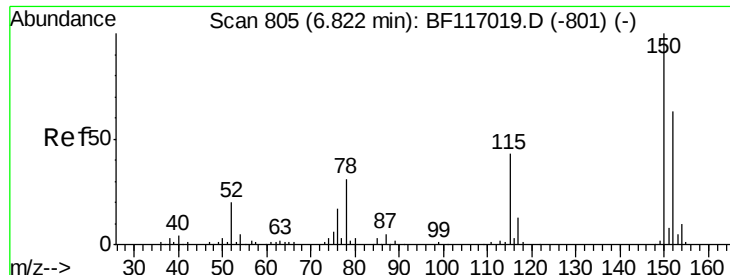
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 13 16:23:17 2019  
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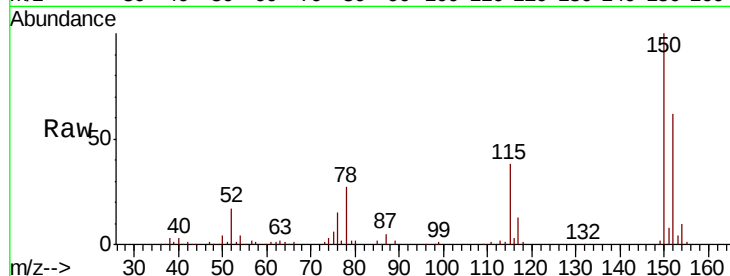


#1

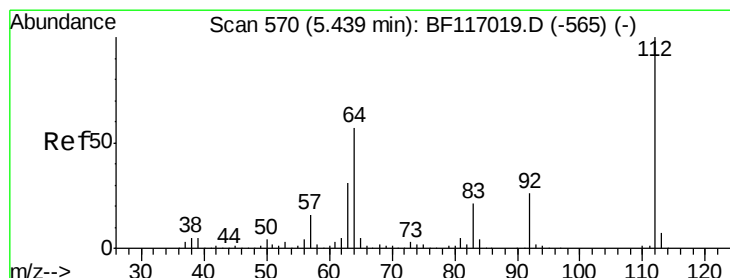
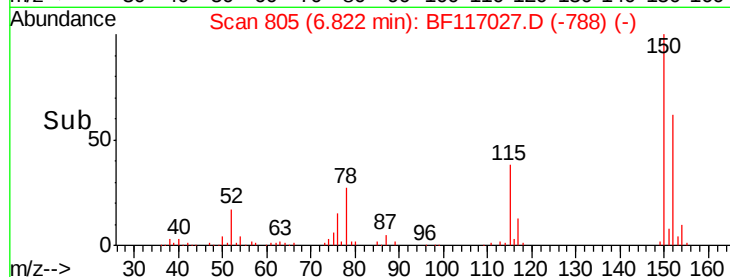
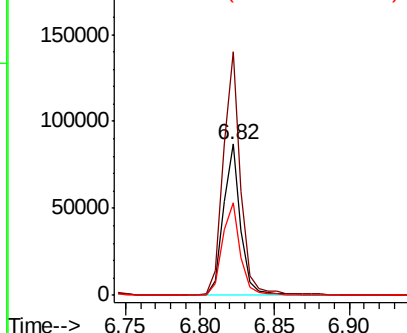
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.82 min Scan# 805  
Delta R.T. 0.00 min  
Lab File: BF117027.D  
Acq: 13 Sep 2019 17:31

Instrument :  
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MW-1

Tot Ion:152 Resp: 71597  
Ion Ratio Lower Upper  
152 100  
150 161.4 127.5 191.3  
115 61.5 55.0 82.4



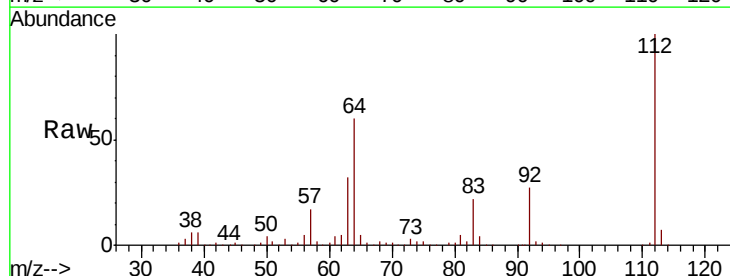
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



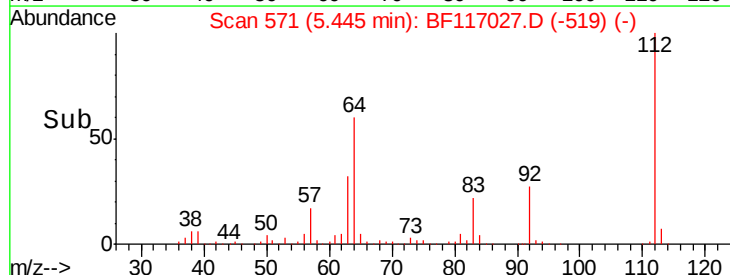
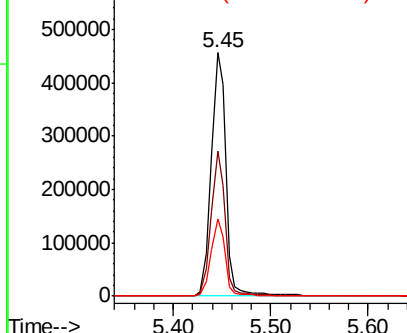
#5

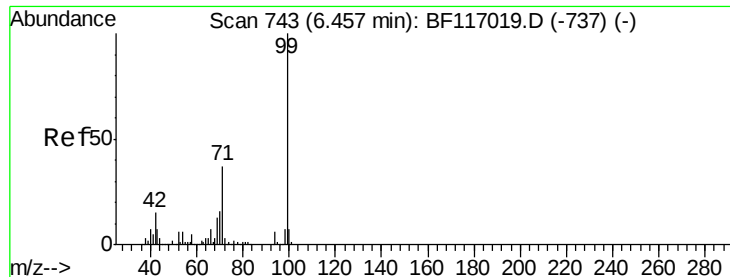
2-Fluorophenol  
Concen: 104.935 ng  
RT: 5.45 min Scan# 571  
Delta R.T. 0.01 min  
Lab File: BF117027.D  
Acq: 13 Sep 2019 17:31

Tgt Ion:112 Resp: 481218  
Ion Ratio Lower Upper  
112 100  
64 59.8 45.7 68.5  
63 32.0 24.9 37.3



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: 90.467 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117027.D

Acq: 13 Sep 2019 17:31

Instrument :

BNA\_F

ClientSampleId :

MW-1

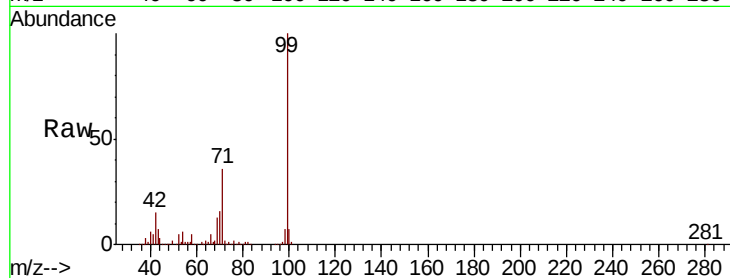
Tot Ion: 99 Resp: 536164

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

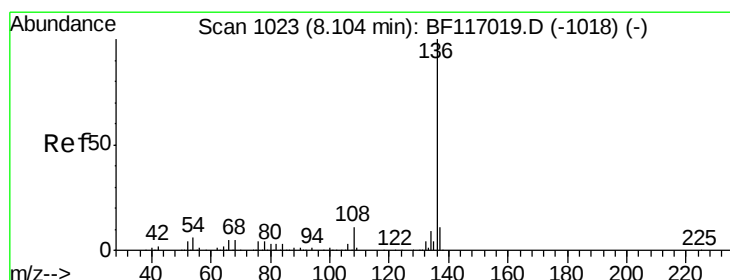
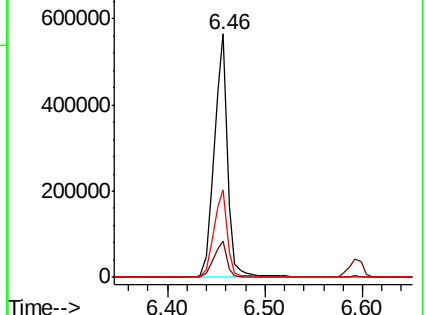
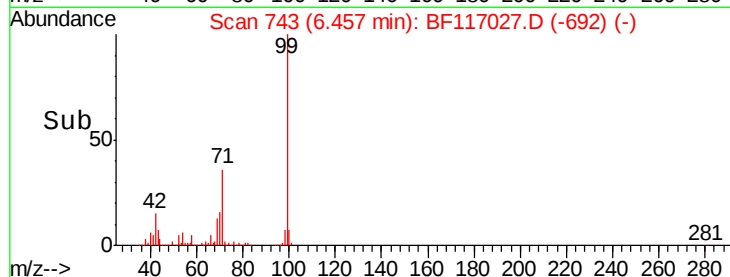
71 35.9 29.8 44.8



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117027.D

Acq: 13 Sep 2019 17:31

Tgt Ion: 136 Resp: 276972

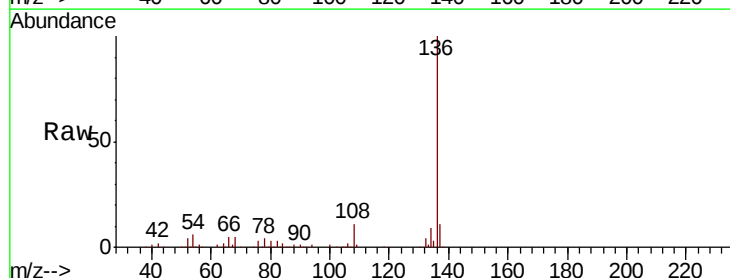
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.5 4.5 6.7

68 4.8 4.0 6.0

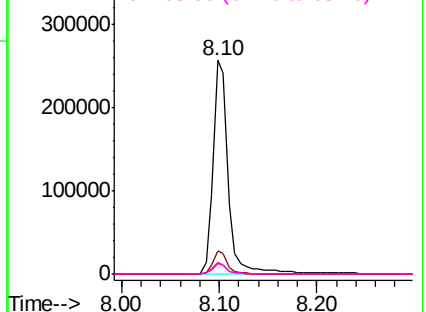
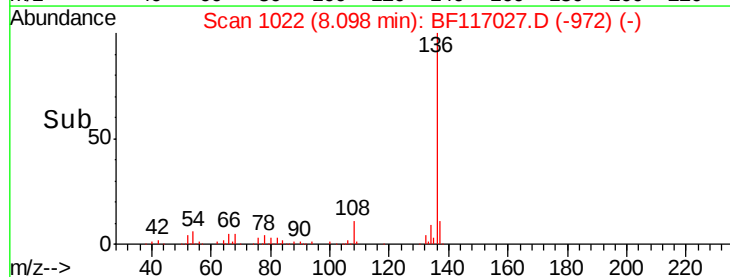


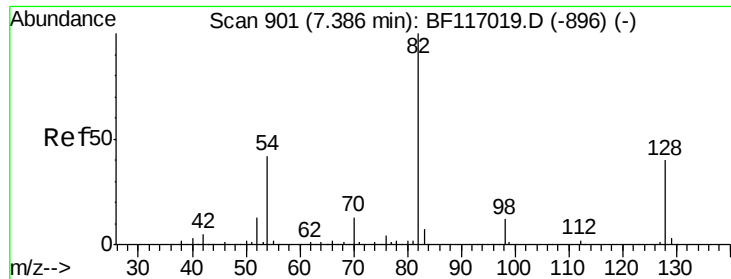
Abundance Ion 136.00 (135.70 to 136.70): E

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

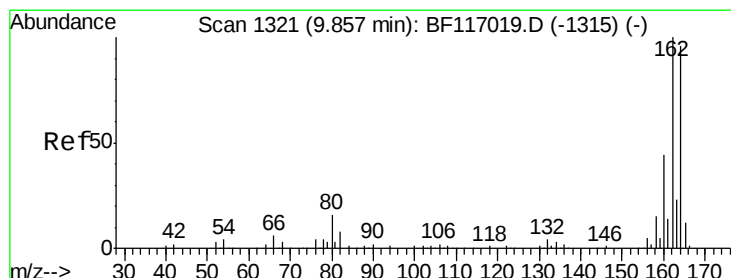
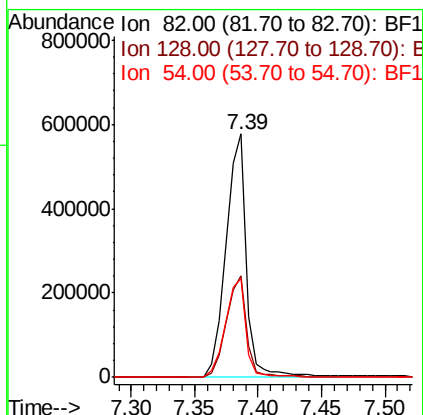
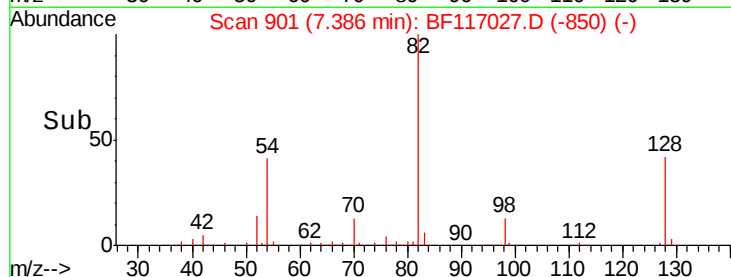
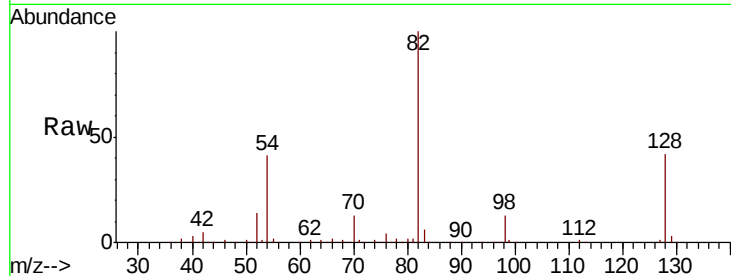




#23  
 Nitrobenzene-d5  
 Concen: 122.311 ng  
 RT: 7.39 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: BF117027.D  
 Acq: 13 Sep 2019 17:31

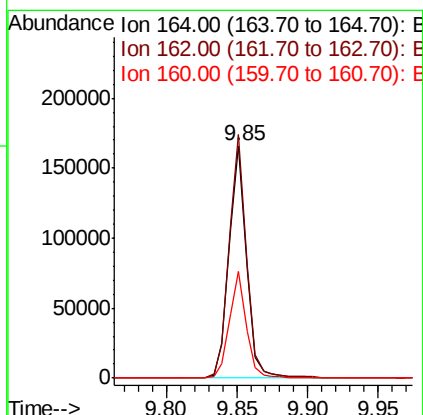
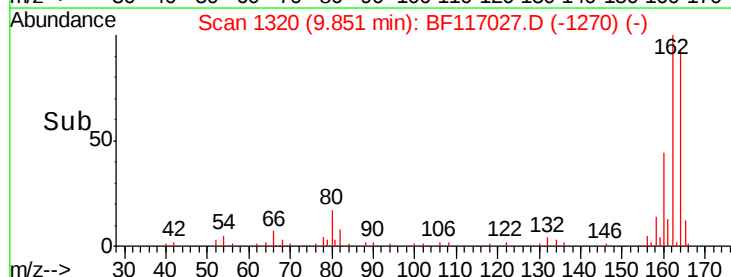
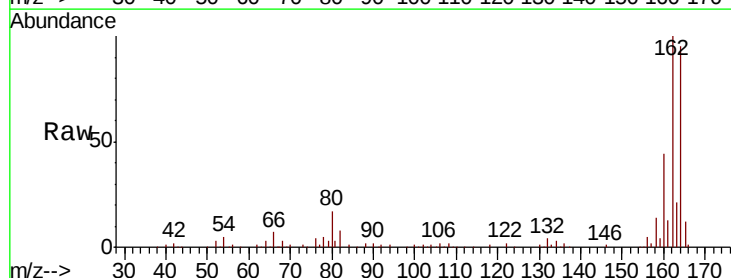
Instrument :  
 BNA\_F  
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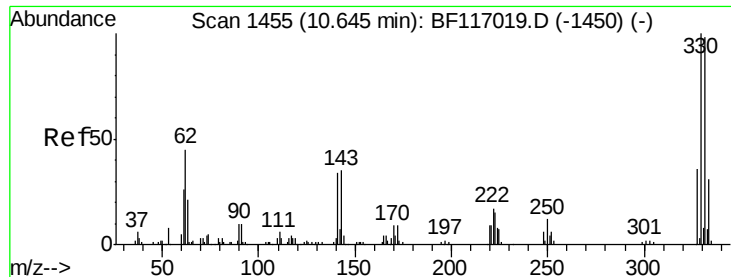
| Tot Ion   | 82   | Resp  | 644751 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 41.6 | 32.3  | 48.5   |
| 54        | 40.7 | 33.3  | 49.9   |



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.85 min Scan# 1320  
 Delta R.T. -0.01 min  
 Lab File: BF117027.D  
 Acq: 13 Sep 2019 17:31

| Tgt Ion                                              | 164   | Resp  | 143792 |
|------------------------------------------------------|-------|-------|--------|
| Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td> | 100   | Lower | Upper  |
| 162                                                  | 104.9 | 83.4  | 125.2  |
| 160                                                  | 46.0  | 36.4  | 54.6   |

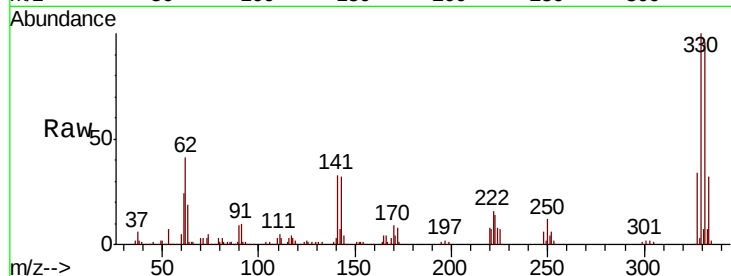




#42  
 2,4,6-Tribromophenol  
 Concen: 189.739 ng  
 RT: 10.65 min Scan# 1455  
 Delta R.T. 0.00 min  
 Lab File: BF117027.D  
 Acq: 13 Sep 2019 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-1

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 78.0  | 117.0 |
| 141     | 44.6  | 35.8  | 53.6  |

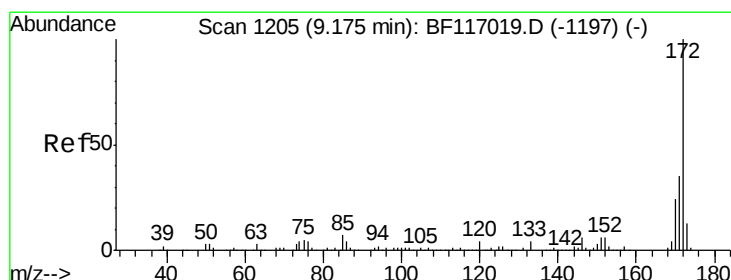
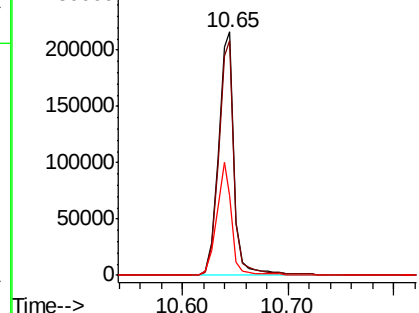
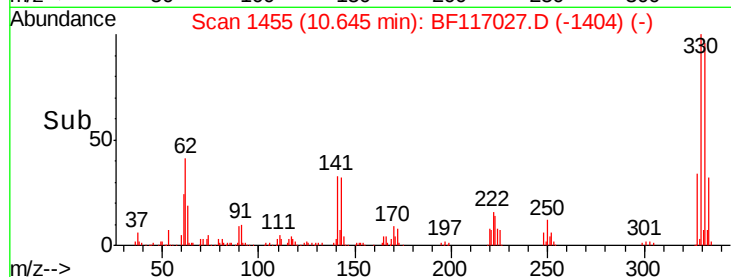


Abundance

Ion 329.80 (329.50 to 330.50): E

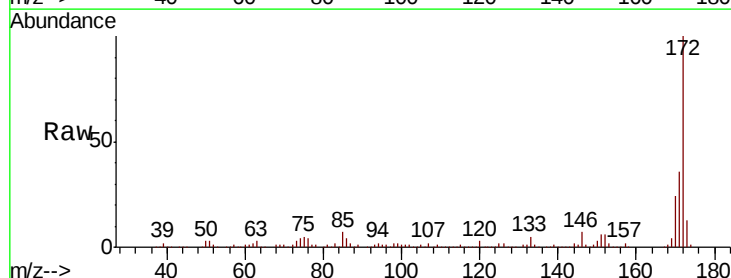
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45  
 2-Fluorobiphenyl  
 Concen: 126.133 ng  
 RT: 9.17 min Scan# 1205  
 Delta R.T. 0.00 min  
 Lab File: BF117027.D  
 Acq: 13 Sep 2019 17:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.0  | 28.2  | 42.2  |
| 170     | 23.8  | 18.9  | 28.3  |

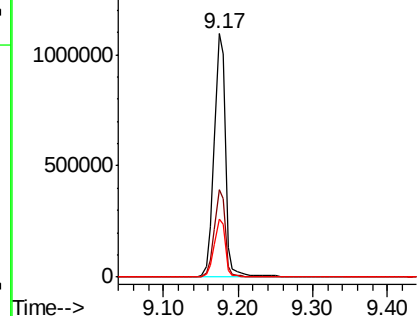
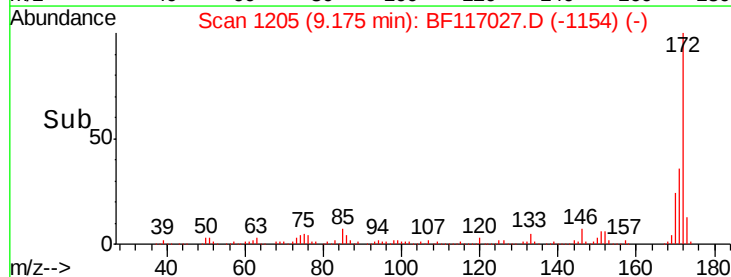


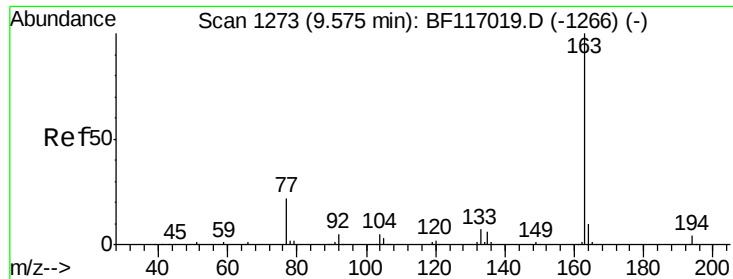
Abundance

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

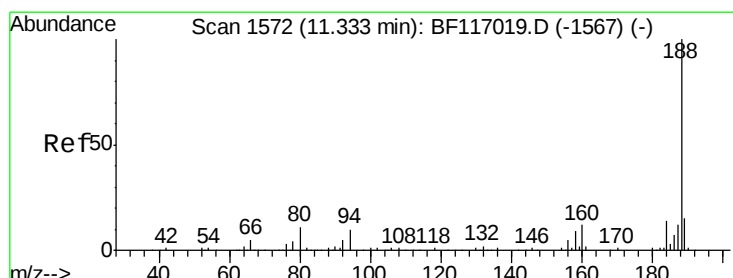
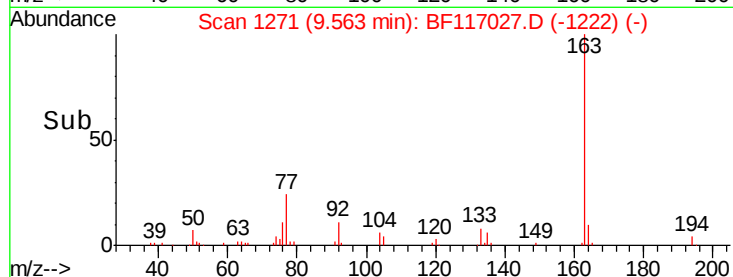
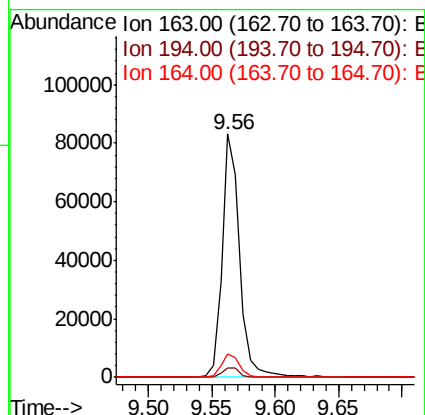
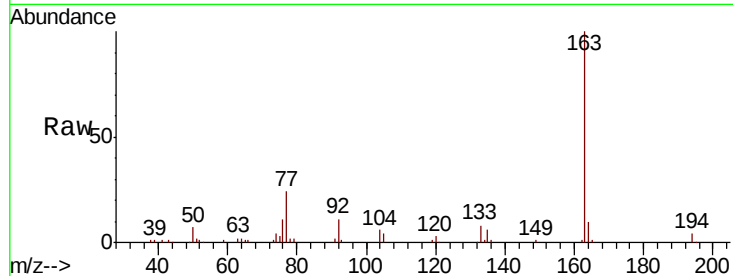




#50  
Dimethylphthalate  
Concen: 7.869 ng  
RT: 9.56 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BF117027.D  
Acq: 13 Sep 2019 17:31

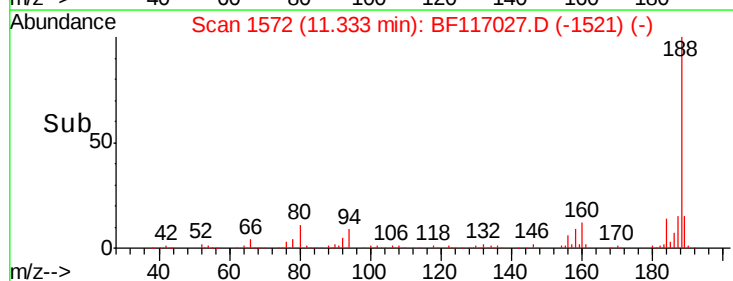
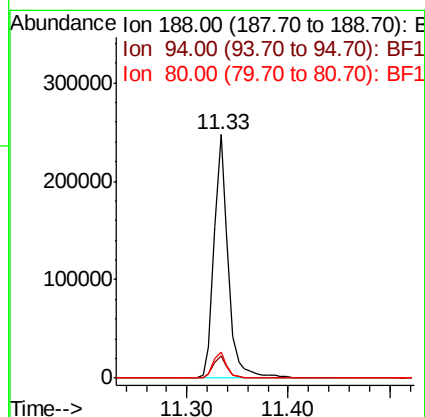
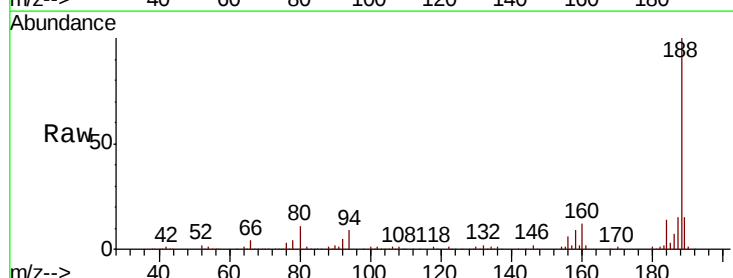
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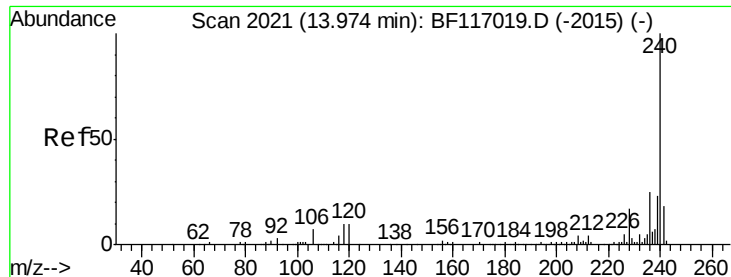
Tot Ion:163 Resp: 80117  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.9 4.3  
164 9.7 8.2 12.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.33 min Scan# 1572  
Delta R.T. 0.00 min  
Lab File: BF117027.D  
Acq: 13 Sep 2019 17:31

Tgt Ion:188 Resp: 239898  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.2 12.2  
80 10.7 9.0 13.6

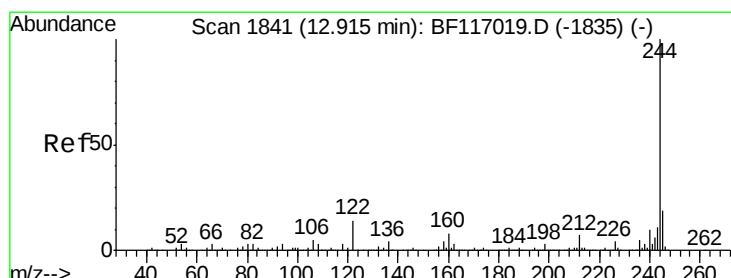
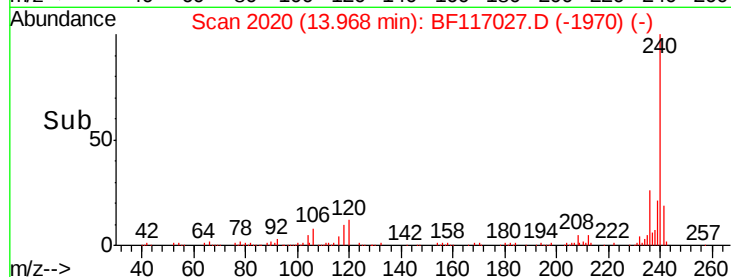
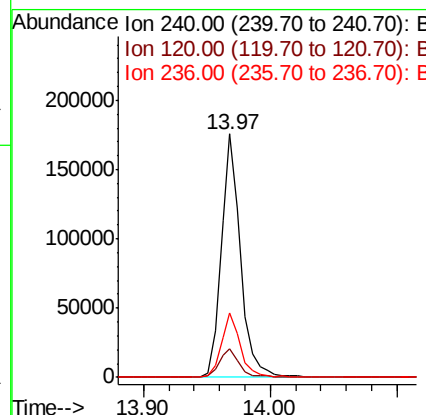
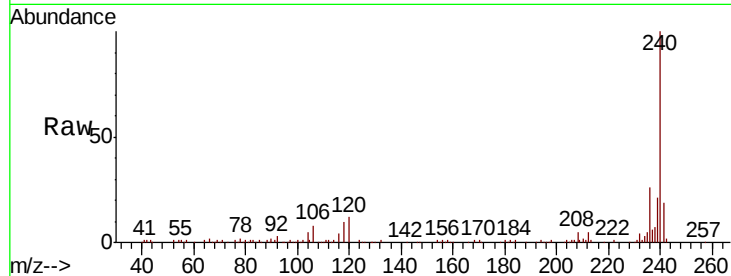




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.97 min Scan# 2020  
Delta R.T. -0.01 min  
Lab File: BF117027.D  
Acq: 13 Sep 2019 17:31

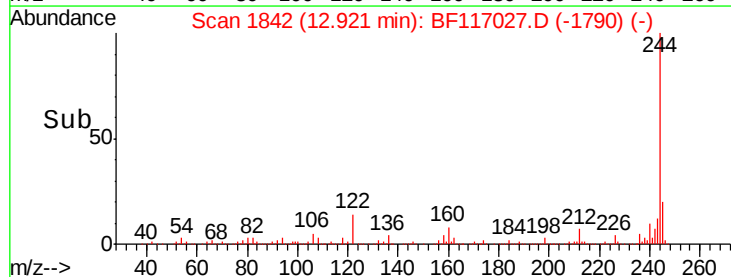
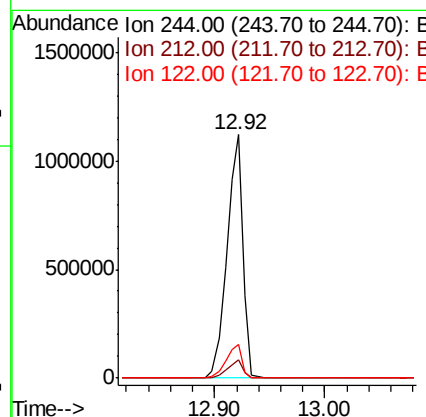
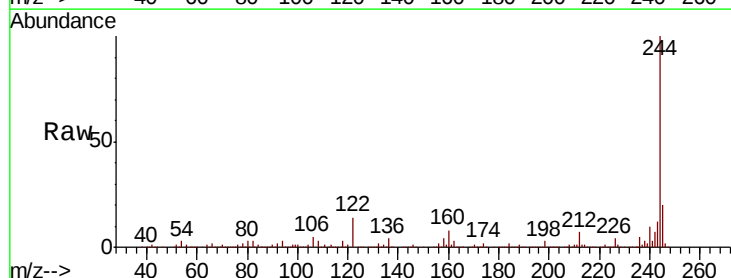
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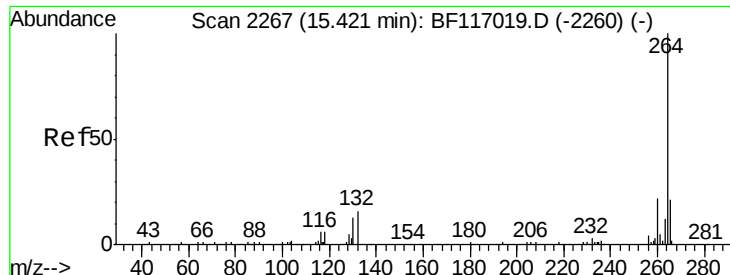
Tot Ion:240 Resp: 186331  
Ion Ratio Lower Upper  
240 100  
120 12.0 8.3 12.5  
236 26.4 20.3 30.5



#79  
Terphenyl-d14  
Concen: 112.949 ng  
RT: 12.92 min Scan# 1842  
Delta R.T. 0.01 min  
Lab File: BF117027.D  
Acq: 13 Sep 2019 17:31

Tgt Ion:244 Resp: 1125919  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.8 8.8  
122 13.8 11.3 16.9

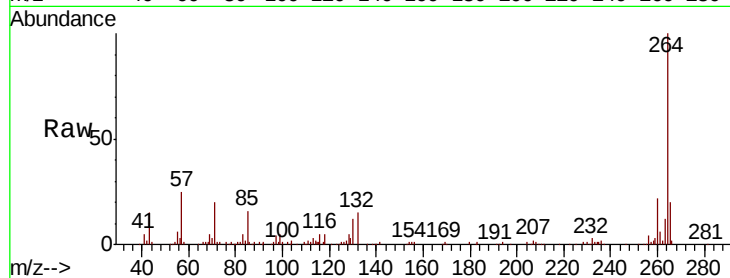




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.43 min Scan# 2268  
 Delta R.T. 0.01 min  
 Lab File: BF117027.D  
 Acq: 13 Sep 2019 17:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-1

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 176051 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 22.2  | 17.6  | 26.4   |
| 265      | 20.4  | 16.6  | 24.8   |



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

