

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\  
 Data File : BF120726.D  
 Acq On : 29 Jun 2020 14:34  
 Operator : JU/CG  
 Sample : L3144-01 20X  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 468406

Quant Time: Jun 29 15:37:30 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 29 15:30:14 2020  
 Response via : Initial Calibration

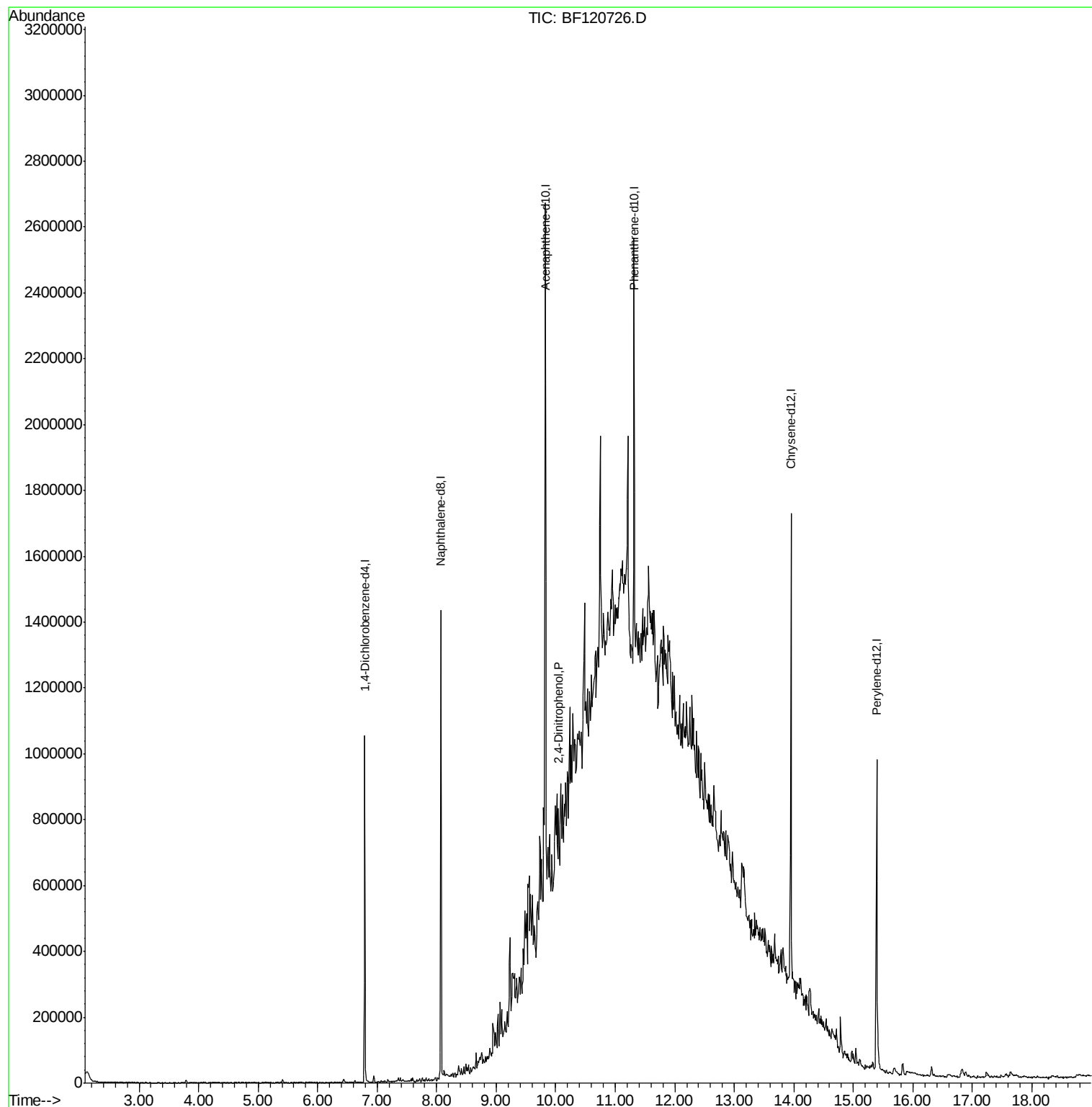
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.79  | 152  | 178795   | 20.00 | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.07  | 136  | 657971   | 20.00 | ng    | 0.00          |
| 39) Acenaphthene-d10        | 9.83  | 164  | 319641   | 20.00 | ng    | 0.00          |
| 64) Phenanthrene-d10        | 11.32 | 188  | 506906   | 20.00 | ng    | 0.00          |
| 76) Chrysene-d12            | 13.95 | 240  | 509176   | 20.00 | ng    | 0.00          |
| 86) Perylene-d12            | 15.39 | 264  | 470742   | 20.00 | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |       |       |               |
| 5) 2-Fluorophenol           | 5.41  | 112  | 4878     | 0.47  | ng    | 0.00          |
| 7) Phenol-d6                | 6.43  | 99   | 6013     | 0.46  | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.35  | 82   | 3557     | 0.30  | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 10.62 | 330  | 1777     | 0.48  | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 9.15  | 172  | 9568     | 0.46  | ng    | 0.00          |
| 79) Terphenyl-d14           | 12.89 | 244  | 26738    | 1.16  | ng    | 0.00          |
| Target Compounds            |       |      |          |       |       |               |
| 54) 2,4-Dinitrophenol       | 10.05 | 184  | 248      | 3.141 | ng    | Qvalue<br># 1 |

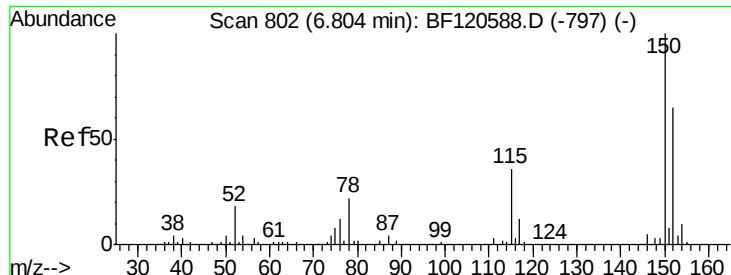
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\  
Data File : BF120726.D  
Acq On : 29 Jun 2020 14:34  
Operator : JU/CG  
Sample : L3144-01 20X  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
468406

Quant Time: Jun 29 15:37:30 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 29 15:30:14 2020  
Response via : Initial Calibration



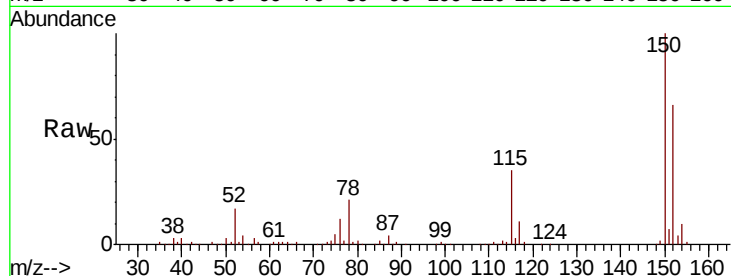


#1

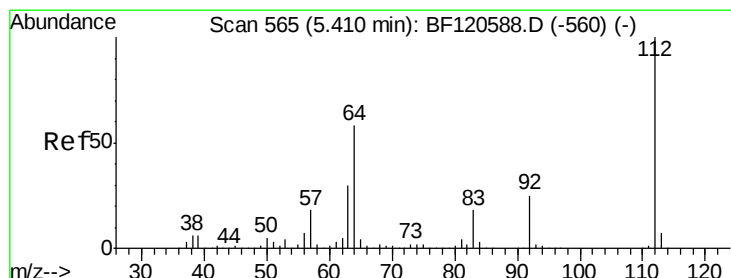
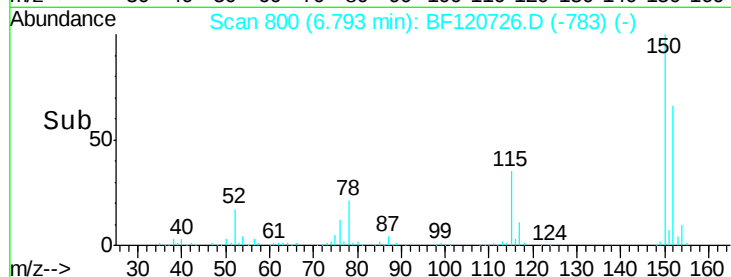
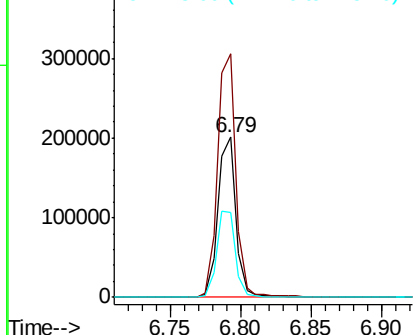
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.79 min Scan# 800  
Delta R.T. -0.00 min  
Lab File: BF120726.D  
Acq: 29 Jun 2020 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
468406

Tot Ion:152 Resp: 178795  
Ion Ratio Lower Upper  
152 100  
150 152.2 124.6 187.0  
115 53.4 44.2 66.4



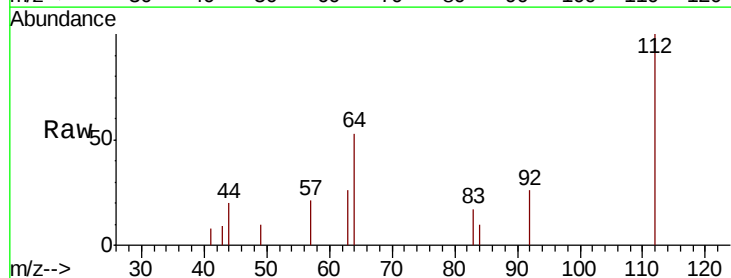
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



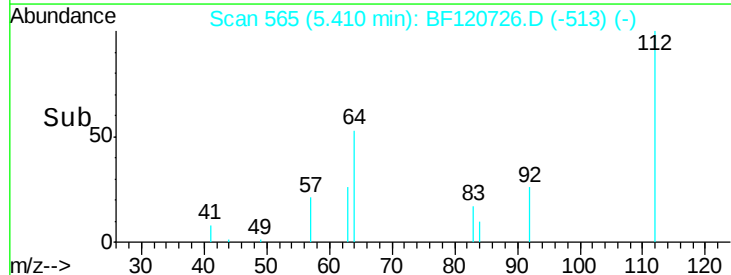
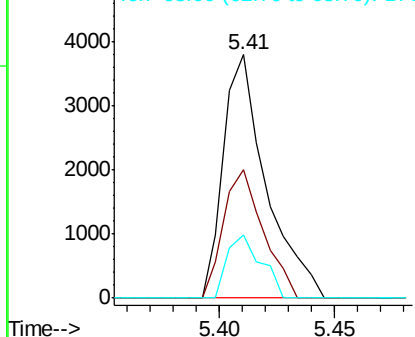
#5

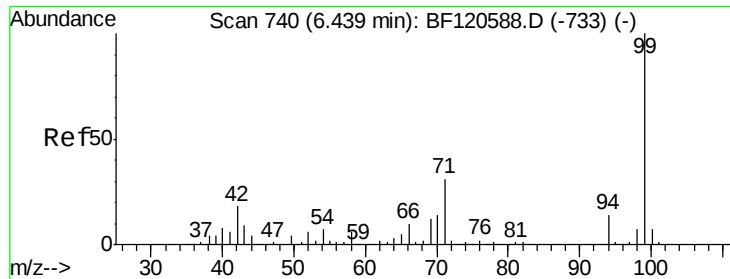
2-Fluorophenol  
Concen: 0.468 ng  
RT: 5.41 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: BF120726.D  
Acq: 29 Jun 2020 14:34

Tgt Ion:112 Resp: 4878  
Ion Ratio Lower Upper  
112 100  
64 52.7 42.2 63.2  
63 26.0 21.7 32.5



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: 0.463 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF120726.D

Acq: 29 Jun 2020 14:34

Instrument :

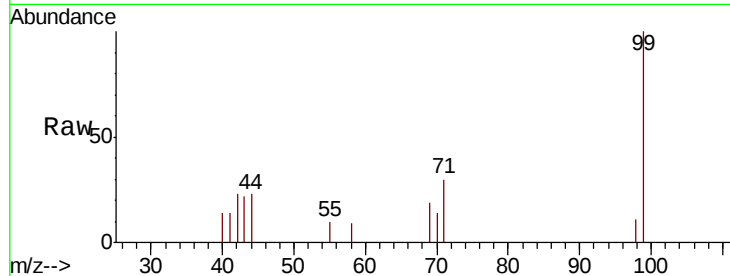
BNA\_F

ClientSampleId :

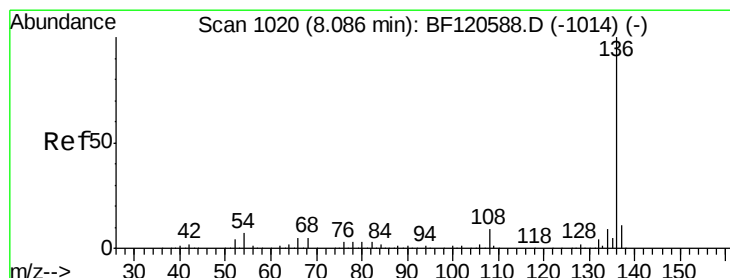
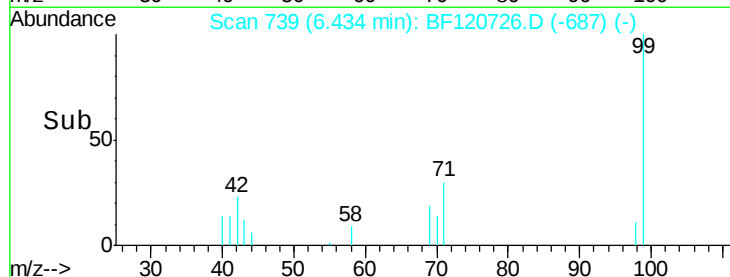
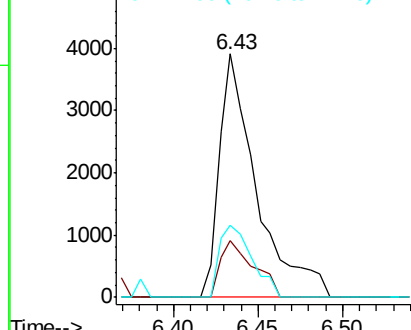
468406

Tot Ion: 99 Resp: 6013

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.4  | 14.2  | 21.4# |
| 71  | 29.8  | 25.4  | 38.2  |



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: 8.07 min Scan# 1017

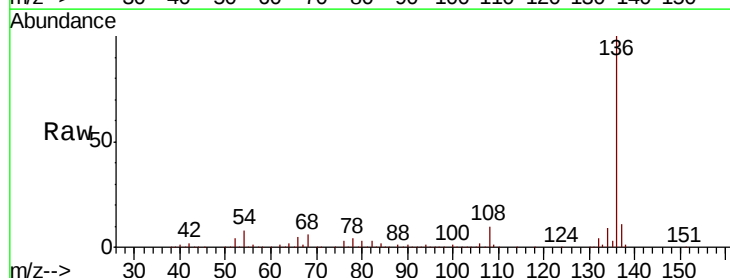
Delta R.T. -0.01 min

Lab File: BF120726.D

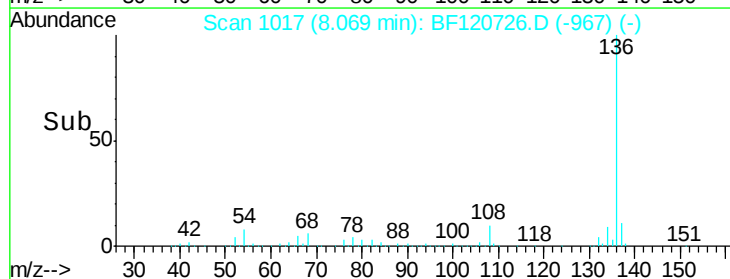
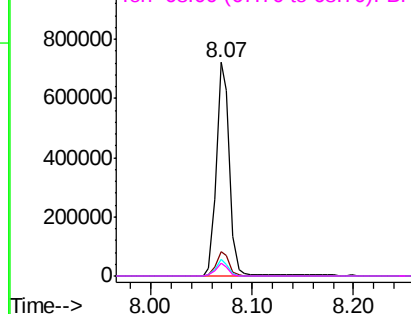
Acq: 29 Jun 2020 14:34

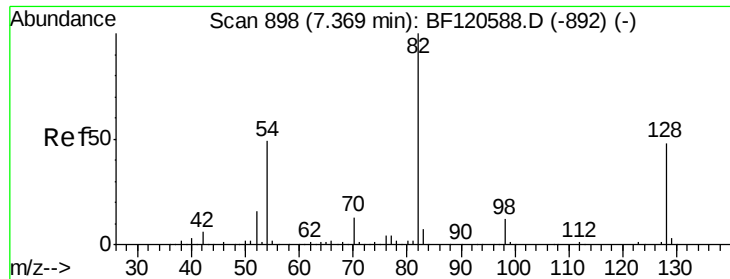
Tgt Ion: 136 Resp: 657971

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.6   | 12.8  |
| 54  | 7.8   | 5.3   | 7.9   |
| 68  | 5.9   | 4.3   | 6.5   |



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

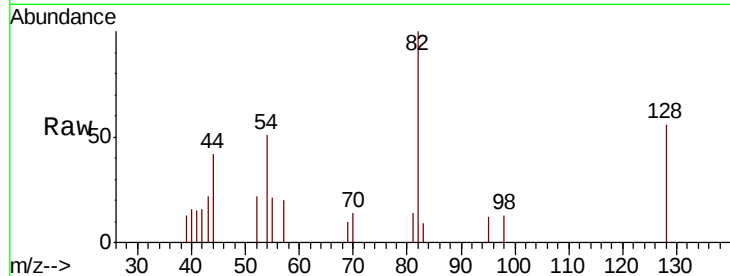




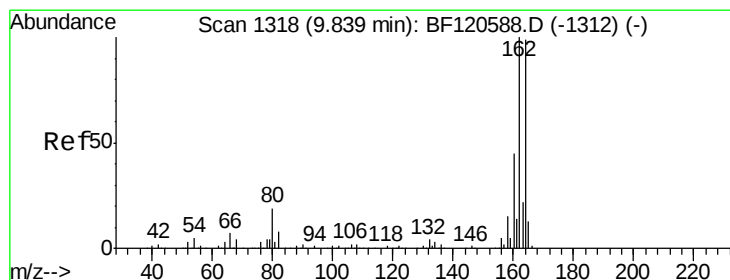
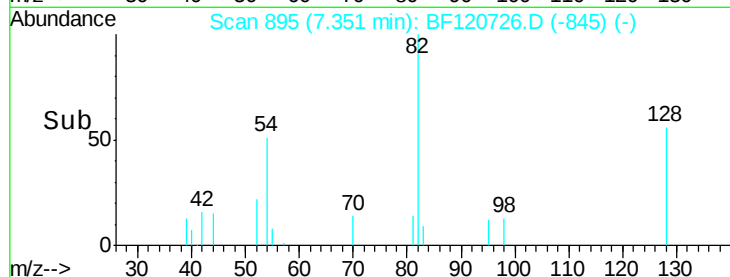
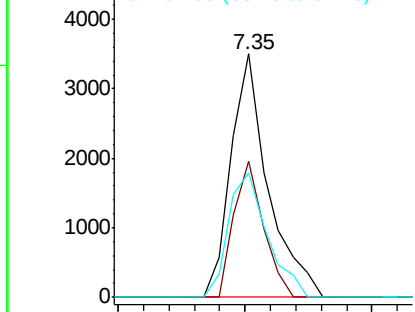
#23  
 Nitrobenzene-d5  
 Concen: 0.302 ng  
 RT: 7.35 min Scan# 895  
 Delta R.T. -0.01 min  
 Lab File: BF120726.D  
 Acq: 29 Jun 2020 14:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 468406

Tot Ion: 82 Resp: 3557  
 Ion Ratio Lower Upper  
 82 100  
 128 55.9 38.1 57.1  
 54 51.2 38.8 58.2

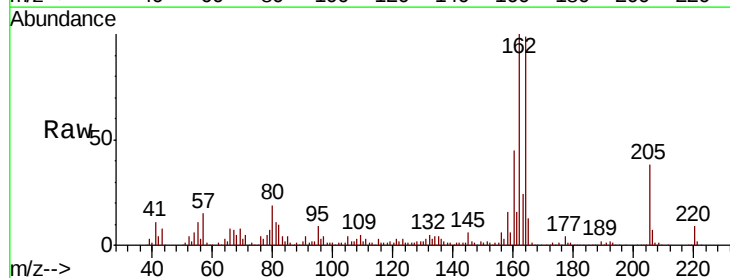


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

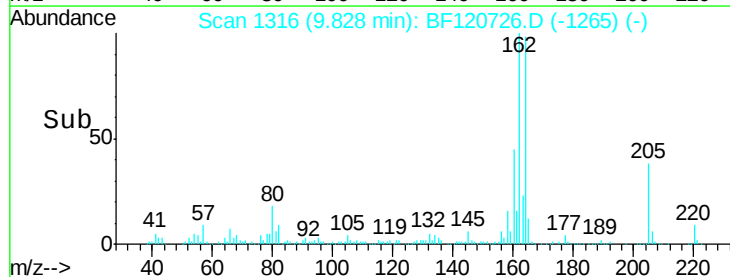
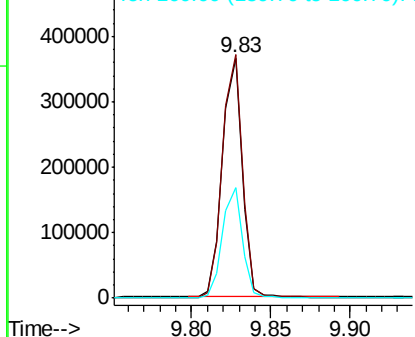


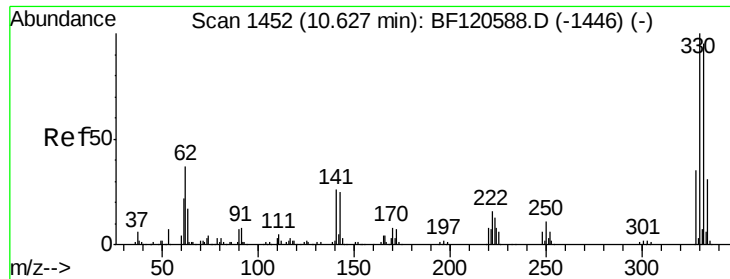
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.83 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: BF120726.D  
 Acq: 29 Jun 2020 14:34

Tgt Ion: 164 Resp: 319641  
 Ion Ratio Lower Upper  
 164 100  
 162 101.5 81.4 122.0  
 160 46.1 36.6 55.0



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

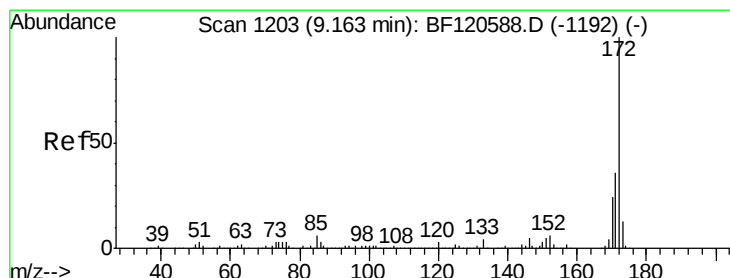
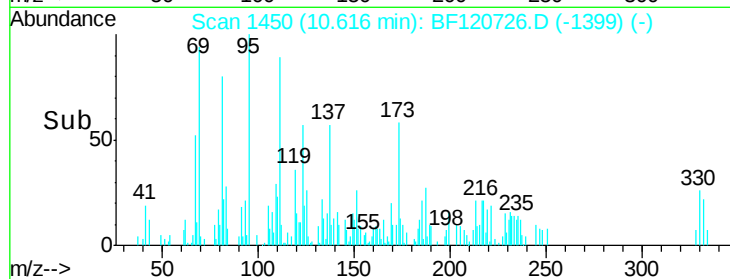
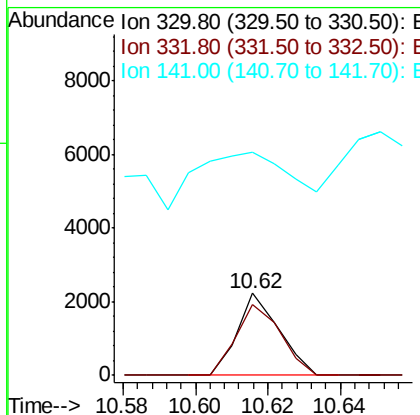
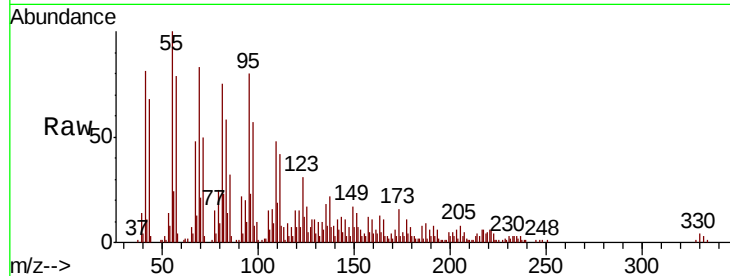




#42  
 2,4,6-Tribromophenol  
 Concen: 0.478 ng  
 RT: 10.62 min Scan# 1450  
 Delta R.T. -0.00 min  
 Lab File: BF120726.D  
 Acq: 29 Jun 2020 14:34

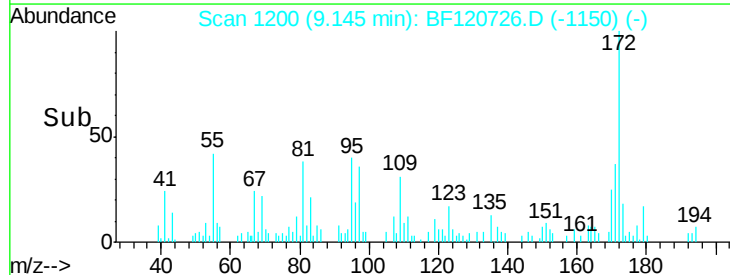
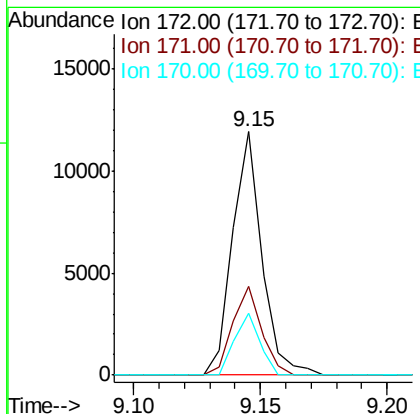
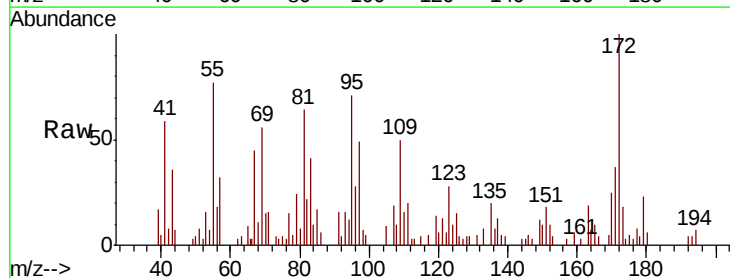
Instrument :  
 BNA\_F  
 ClientSampled :  
 468406

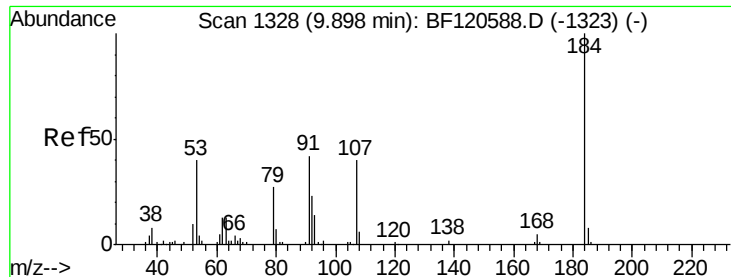
Tot Ion:330 Resp: 1777  
 Ion Ratio Lower Upper  
 330 100  
 332 92.5 76.4 114.6  
 141 157.0 23.0 34.6#



#45  
 2-Fluorobiphenyl  
 Concen: 0.458 ng  
 RT: 9.15 min Scan# 1200  
 Delta R.T. -0.01 min  
 Lab File: BF120726.D  
 Acq: 29 Jun 2020 14:34

Tgt Ion:172 Resp: 9568  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 28.6 43.0  
 170 25.3 19.1 28.7

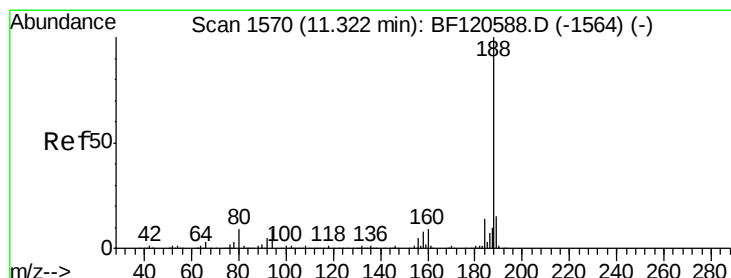
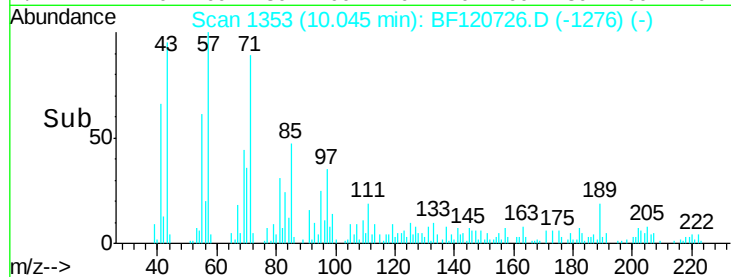
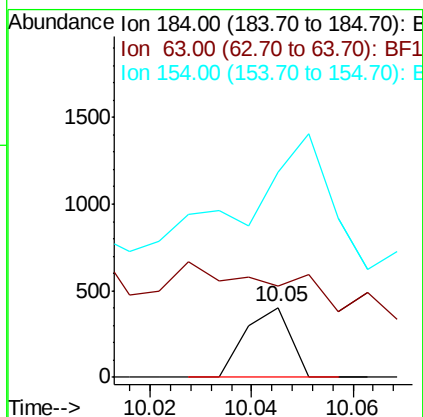
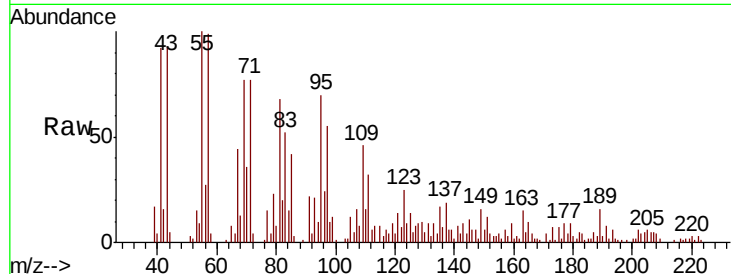




#54  
 2,4-Dinitrophenol  
 Concen: 3.141 ng  
 RT: 10.05 min Scan# 1353  
 Delta R.T. 0.15 min  
 Lab File: BF120726.D  
 Acq: 29 Jun 2020 14:34

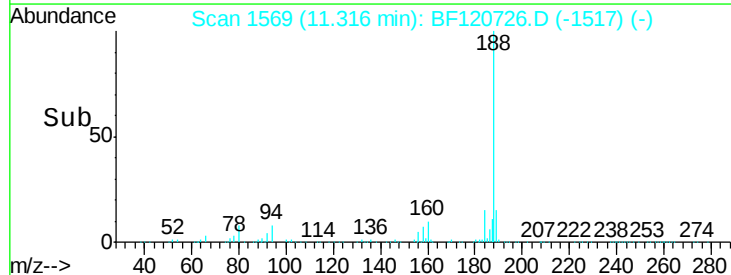
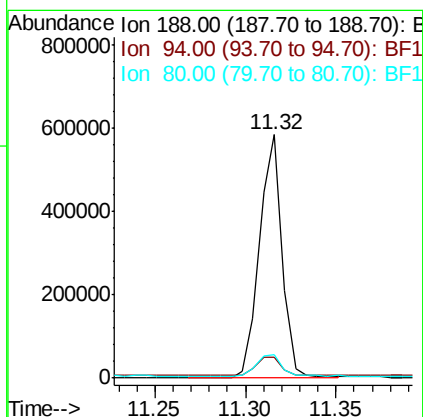
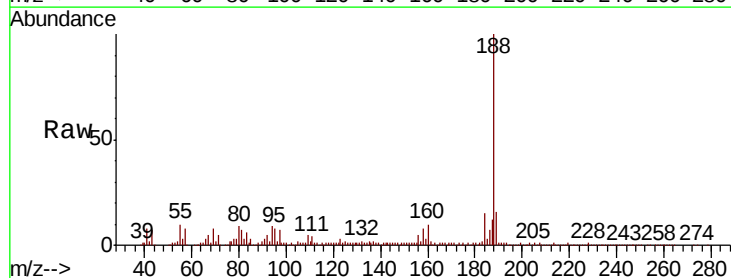
Instrument :  
 BNA\_F  
 ClientSampleId :  
 468406

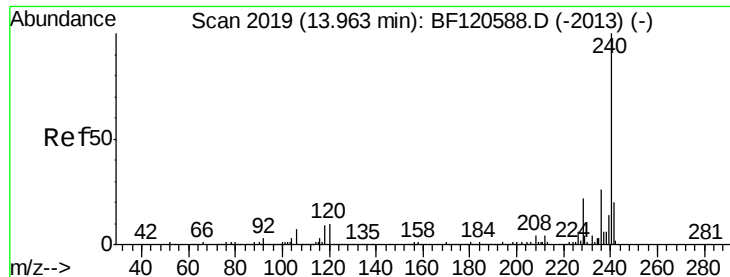
Tot Ion:184 Resp: 248  
 Ion Ratio Lower Upper  
 184 100  
 63 131.3 47.4 71.0#  
 154 294.0 45.3 67.9#



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.32 min Scan# 1569  
 Delta R.T. 0.01 min  
 Lab File: BF120726.D  
 Acq: 29 Jun 2020 14:34

Tgt Ion:188 Resp: 506906  
 Ion Ratio Lower Upper  
 188 100  
 94 8.8 7.5 11.3  
 80 9.4 7.7 11.5

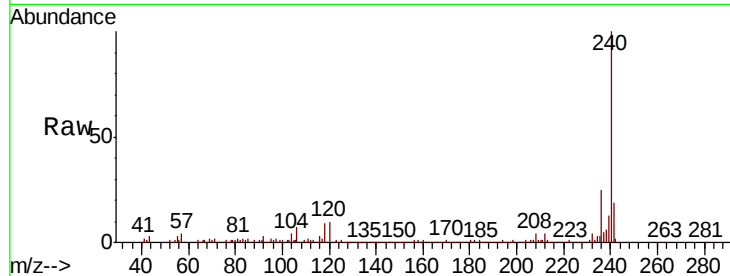




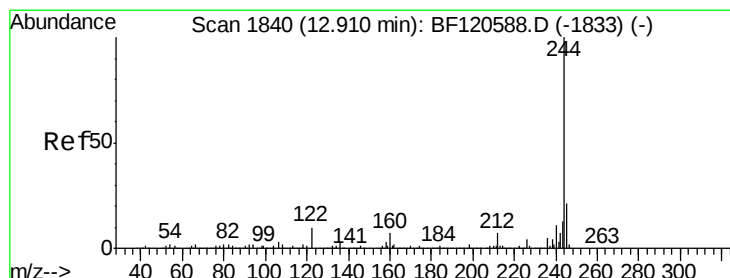
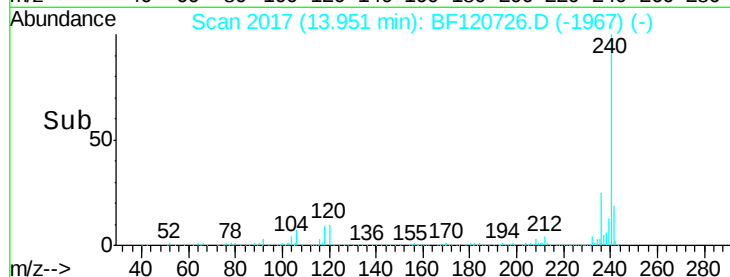
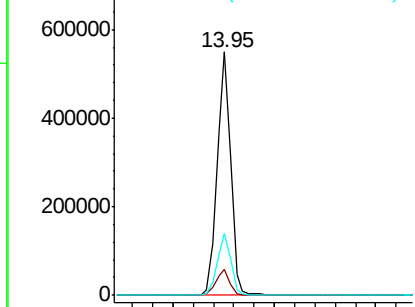
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.95 min Scan# 2017  
Delta R.T. -0.01 min  
Lab File: BF120726.D  
Acq: 29 Jun 2020 14:34

Instrument :  
BNA\_F  
ClientSampleId :  
468406

Tot Ion:240 Resp: 509176  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.6 11.4  
236 25.2 21.0 31.4

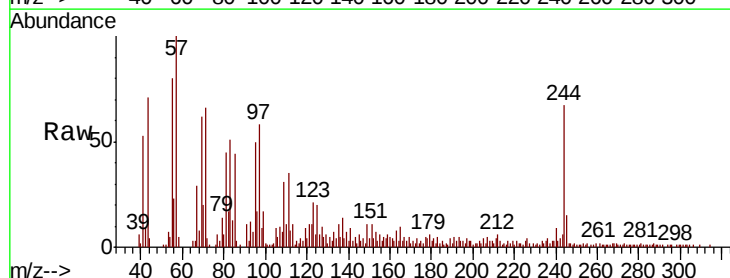


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E

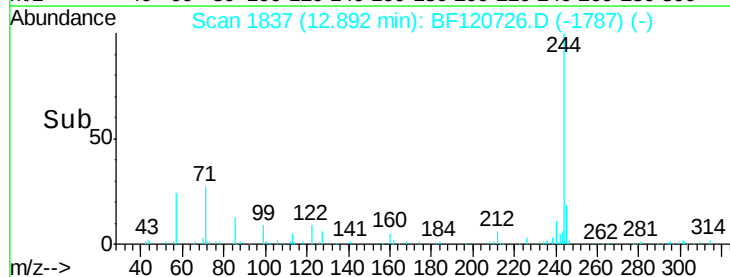
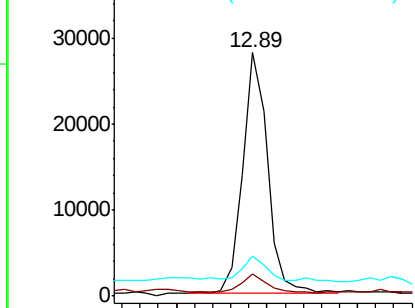


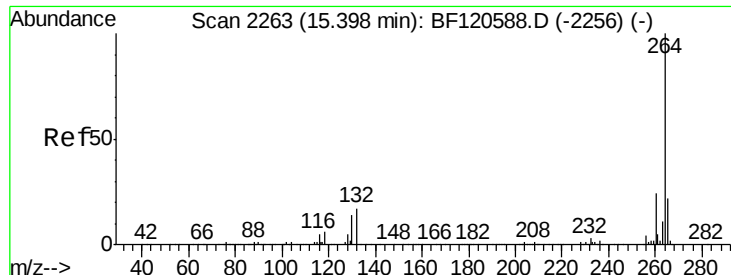
#79  
Terphenyl-d14  
Concen: 1.160 ng  
RT: 12.89 min Scan# 1837  
Delta R.T. -0.01 min  
Lab File: BF120726.D  
Acq: 29 Jun 2020 14:34

Tgt Ion:244 Resp: 26738  
Ion Ratio Lower Upper  
244 100  
212 9.0 5.6 8.4#  
122 16.4 8.8 13.2#



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

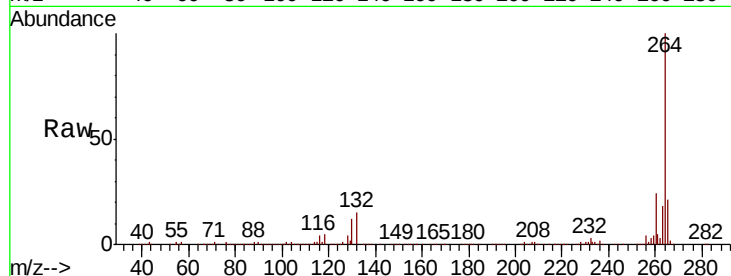




#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.39 min Scan# 2262  
 Delta R.T. -0.00 min  
 Lab File: BF120726.D  
 Acq: 29 Jun 2020 14:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
 468406

Tot Ion: 264 Resp: 470742  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.4 29.2  
 265 21.3 17.4 26.0



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

