

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG052920\  
 Data File : BG045544.D  
 Acq On : 30 May 2020 7:22  
 Operator : CG/JU  
 Sample : L2790-08  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-1-D

Quant Time: May 30 08:01:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG051520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 29 11:17:45 2020  
 Response via : Initial Calibration

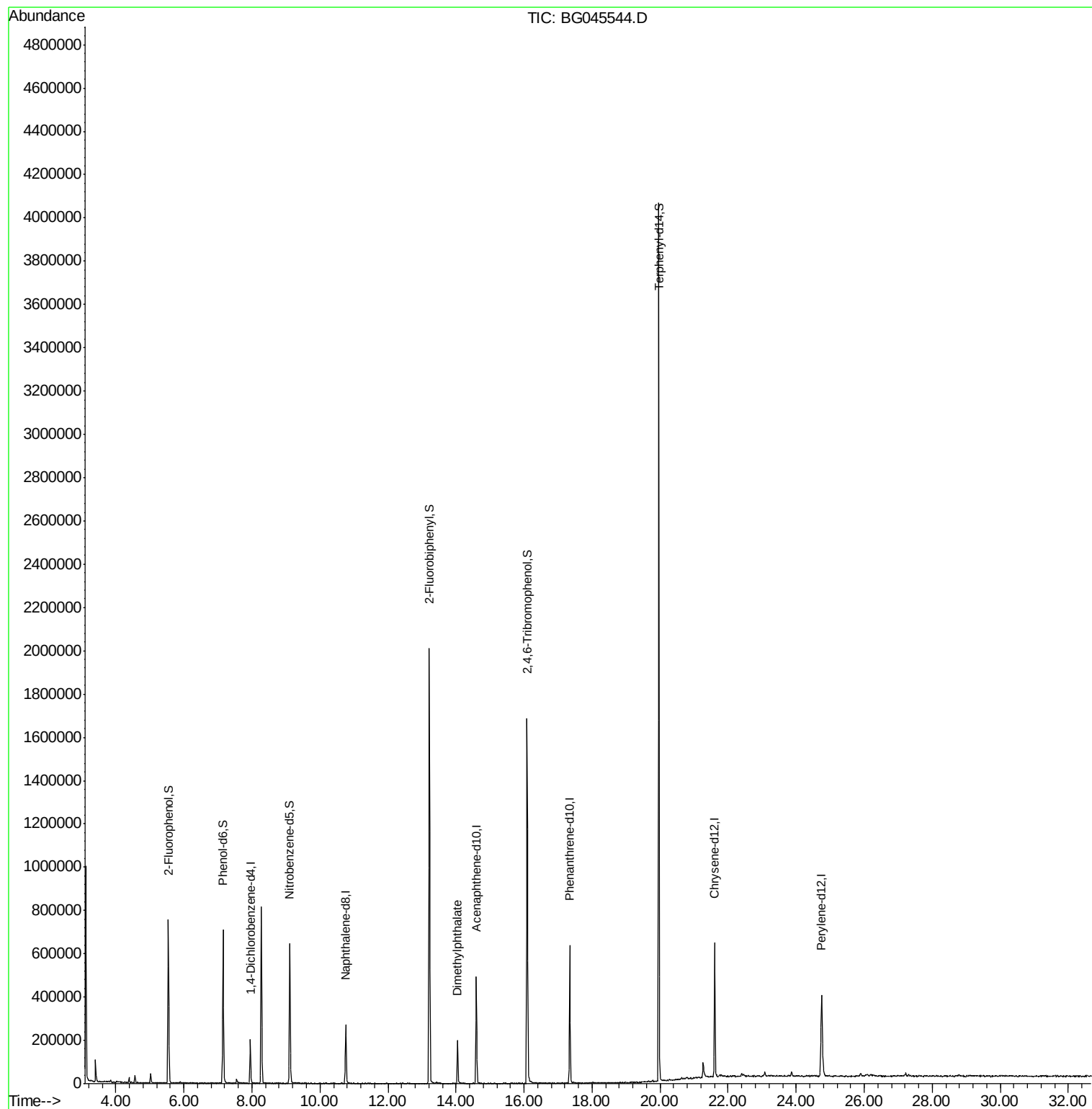
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.95  | 152  | 62243    | 20.00  | ng    | -0.01        |
| 21) Naphthalene-d8          | 10.76 | 136  | 248833   | 20.00  | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.60 | 164  | 182402   | 20.00  | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.35 | 188  | 427018   | 20.00  | ng    | 0.00         |
| 76) Chrysene-d12            | 21.60 | 240  | 409778   | 20.00  | ng    | -0.01        |
| 87) Perylene-d12            | 24.75 | 264  | 447389   | 20.00  | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.55  | 112  | 380342   | 119.42 | ng    | 0.00         |
| 7) Phenol-d6                | 7.15  | 99   | 476300   | 105.07 | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 9.11  | 82   | 465145   | 101.94 | ng    | 0.00         |
| 42) 2,4,6-Tribromophenol    | 16.10 | 330  | 366157   | 156.97 | ng    | 0.00         |
| 45) 2-Fluorobiphenyl        | 13.22 | 172  | 1086753  | 101.06 | ng    | 0.00         |
| 79) Terphenyl-d14           | 19.96 | 244  | 1898124  | 108.03 | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 50) Dimethylphthalate       | 14.05 | 163  | 144561   | 11.55  | ng    | Qvalue<br>99 |

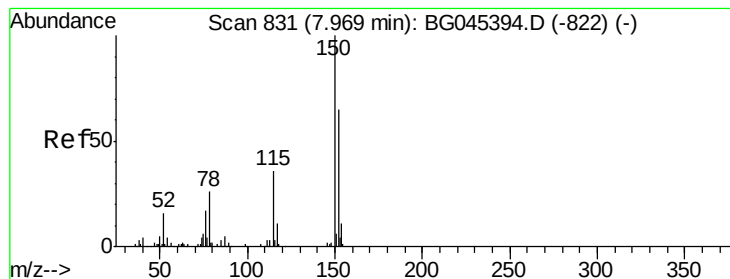
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG052920\  
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Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-1-D

Quant Time: May 30 08:01:25 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG051520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 29 11:17:45 2020  
Response via : Initial Calibration



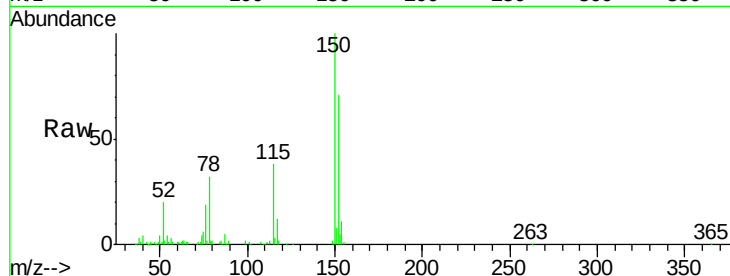


#1

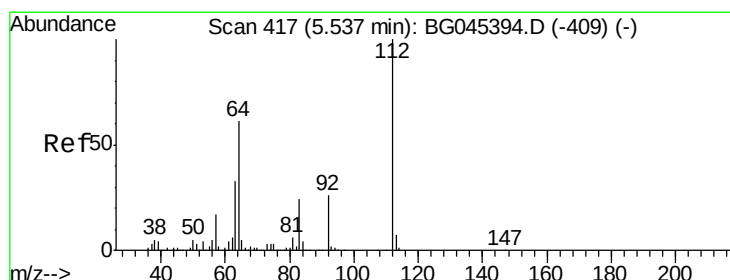
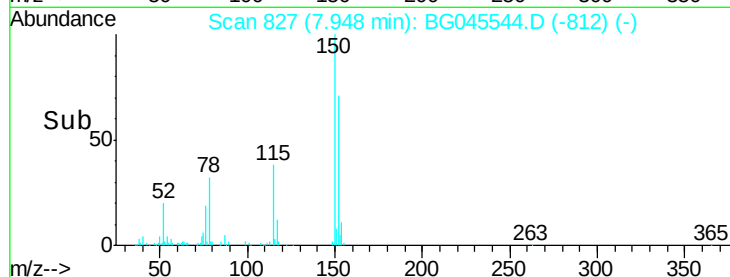
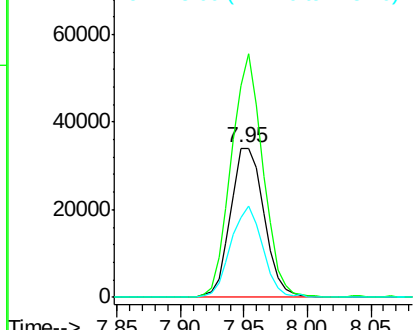
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.95 min Scan# 827  
Delta R.T. -0.01 min  
Lab File: BG045544.D  
Acq: 30 May 2020 7:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-1-D

Tgt Ion:152 Resp: 62243  
Ion Ratio Lower Upper  
152 100  
150 141.8 122.4 183.6  
115 53.2 44.2 66.4



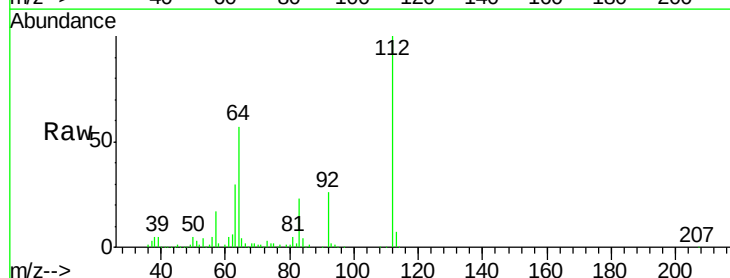
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



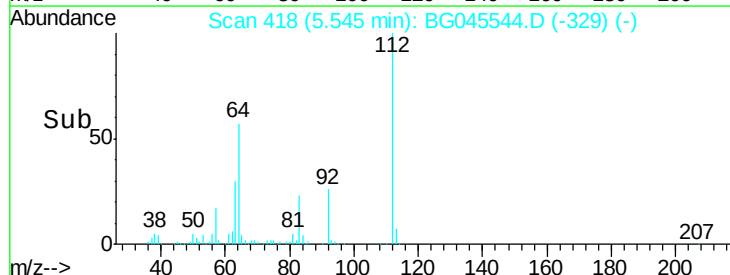
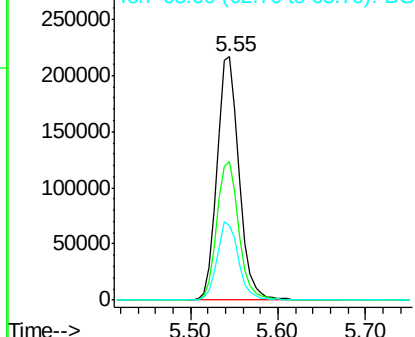
#5

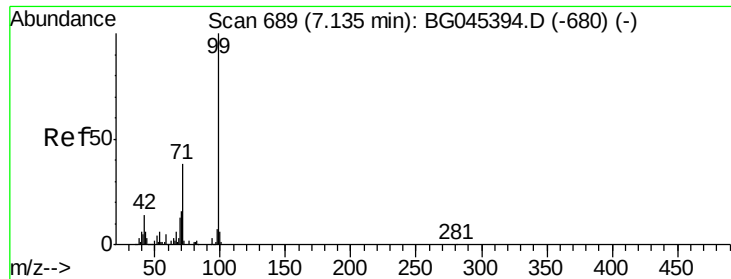
2-Fluorophenol  
Concen: 119.42 ng  
RT: 5.55 min Scan# 418  
Delta R.T. -0.01 min  
Lab File: BG045544.D  
Acq: 30 May 2020 7:22

Tgt Ion:112 Resp: 380342  
Ion Ratio Lower Upper  
112 100  
64 57.0 48.6 72.8  
63 30.5 26.5 39.7



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





#7

Phenol-d6

Concen: 105.07 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Instrument :

BNA\_G

ClientSampleId :

SB-1-D

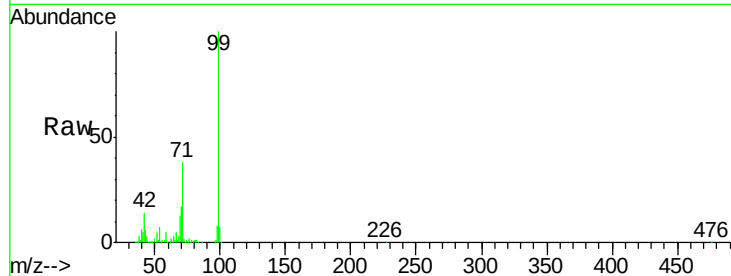
Tgt Ion: 99 Resp: 476300

Ion Ratio Lower Upper

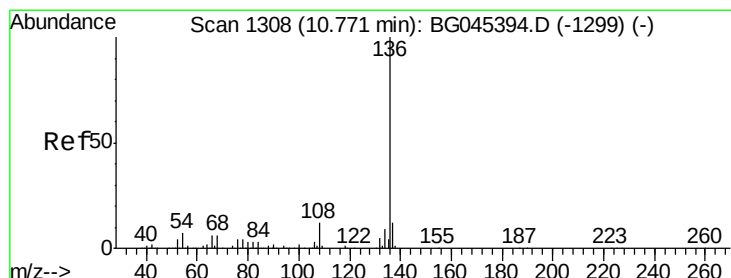
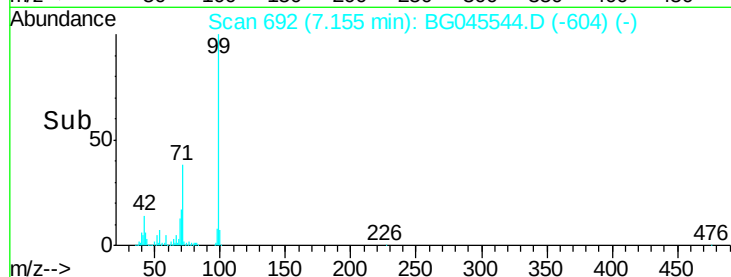
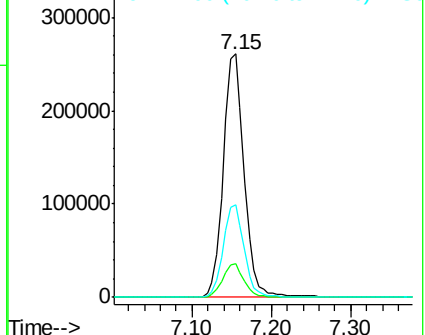
99 100

42 14.1 11.3 16.9

71 38.0 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Tgt Ion: 136 Resp: 248833

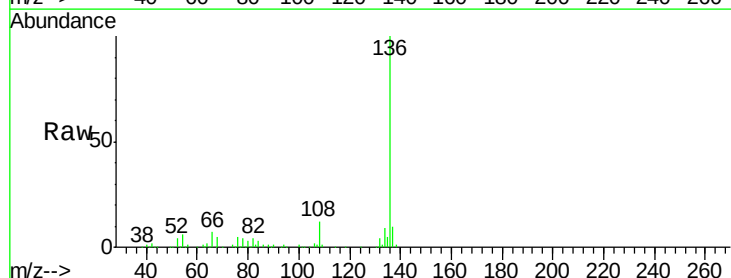
Ion Ratio Lower Upper

136 100

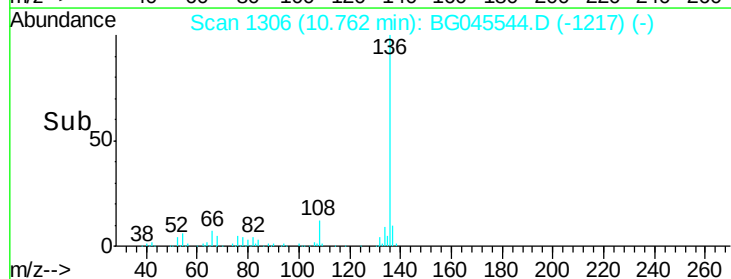
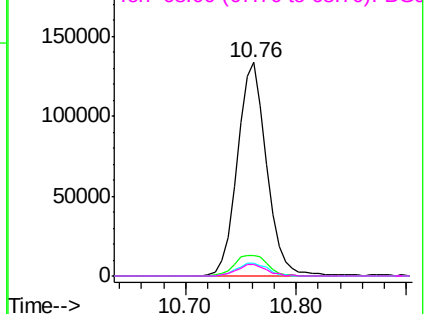
137 9.6 9.4 14.2

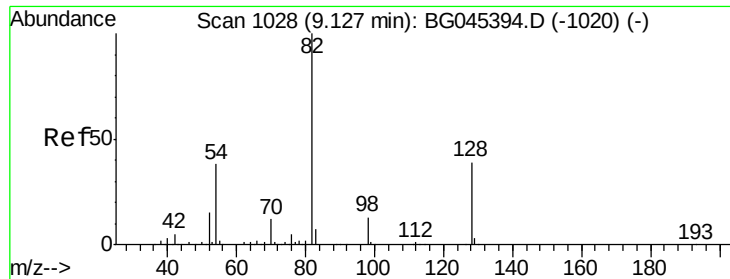
54 5.9 5.8 8.6

68 5.4 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC  
Ion 137.00 (136.70 to 137.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

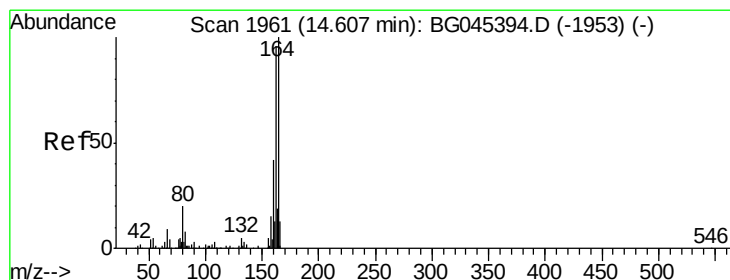
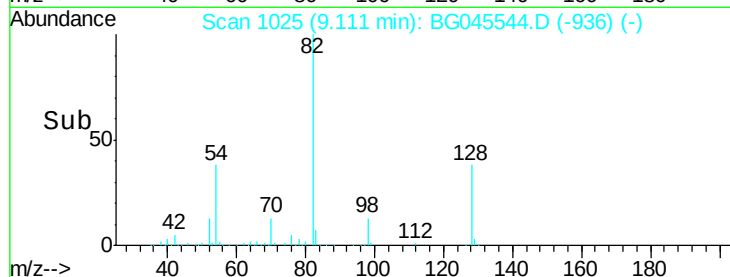
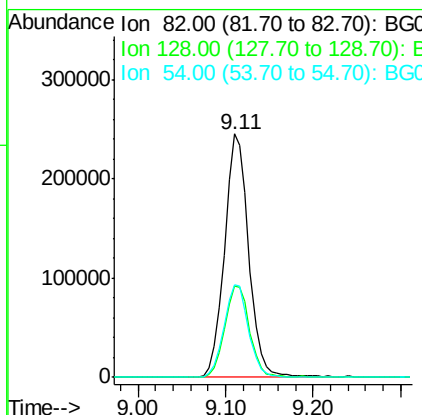
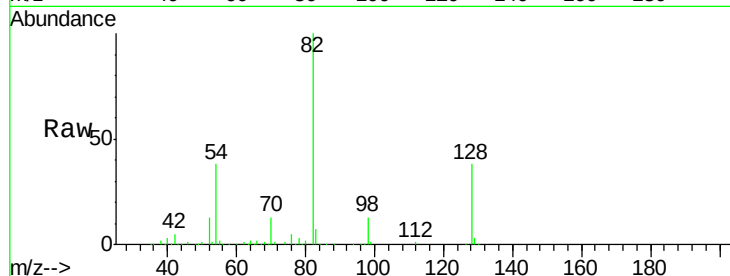




#23  
 Nitrobenzene-d5  
 Concen: 101.94 ng  
 RT: 9.11 min Scan# 1025  
 Delta R.T. -0.01 min  
 Lab File: BG045544.D  
 Acq: 30 May 2020 7:22

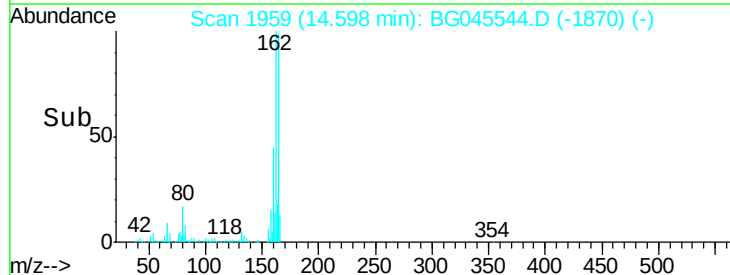
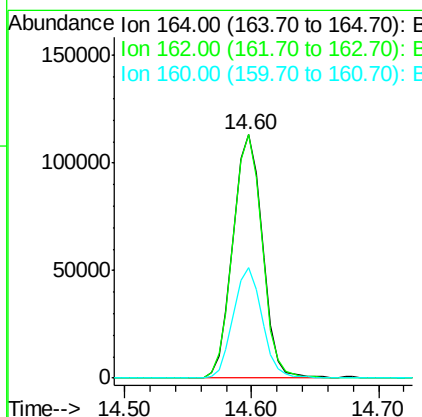
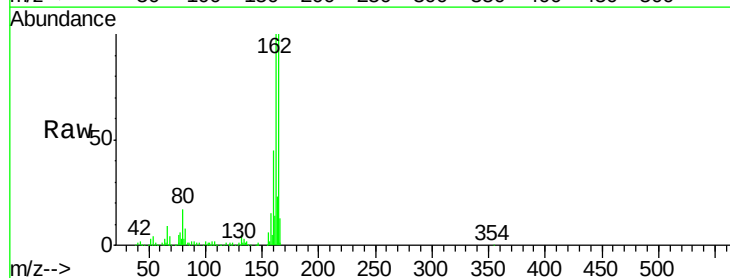
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-1-D

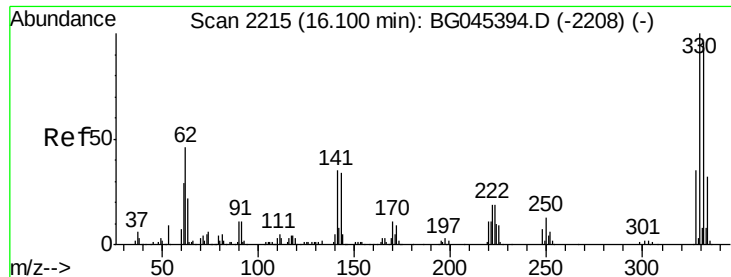
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 37.7  | 30.9  | 46.3  |
| 54      | 38.1  | 30.3  | 45.5  |



#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.60 min Scan# 1959  
 Delta R.T. -0.01 min  
 Lab File: BG045544.D  
 Acq: 30 May 2020 7:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.1 | 76.9  | 115.3 |
| 160     | 45.5  | 33.8  | 50.8  |





#42

2,4,6-Tribromophenol

Concen: 156.97 ng

RT: 16.10 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Instrument :

BNA\_G

ClientSampleId :

SB-1-D

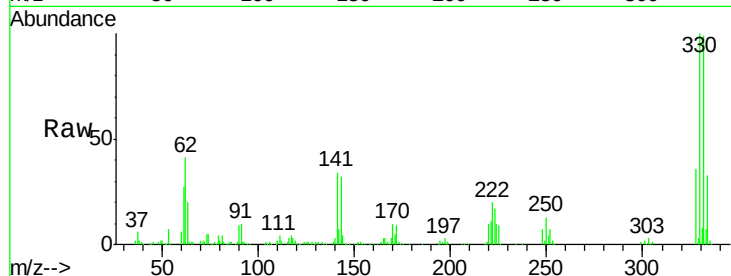
Tgt Ion:330 Resp: 366157

Ion Ratio Lower Upper

330 100

332 99.5 78.2 117.4

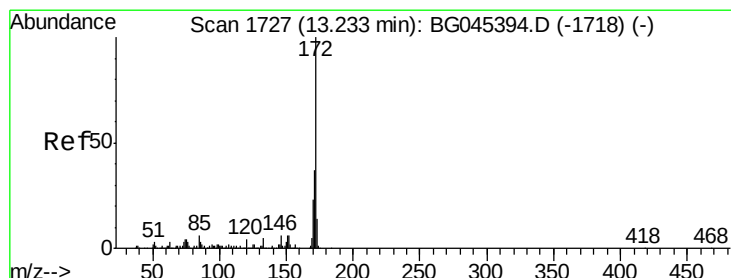
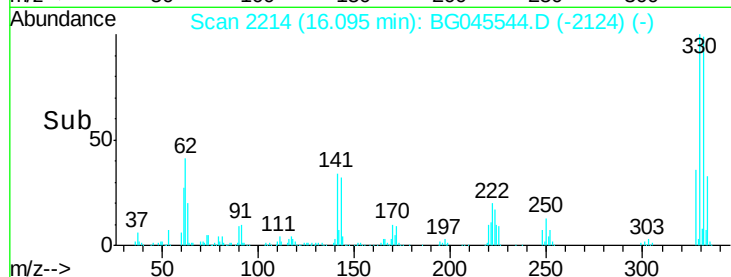
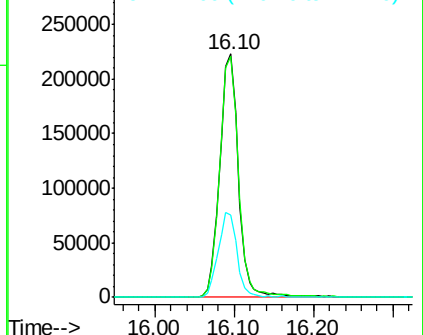
141 34.7 28.2 42.4



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: 101.06 ng

RT: 13.22 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

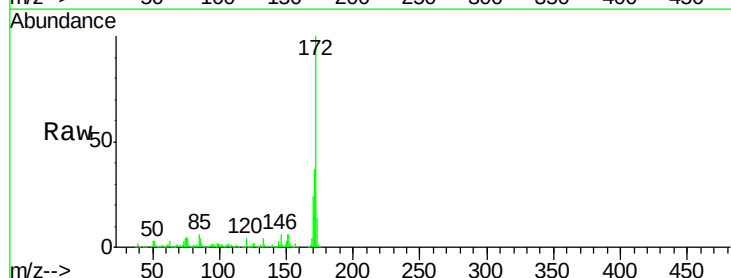
Tgt Ion:172 Resp: 1086753

Ion Ratio Lower Upper

172 100

171 37.4 29.5 44.3

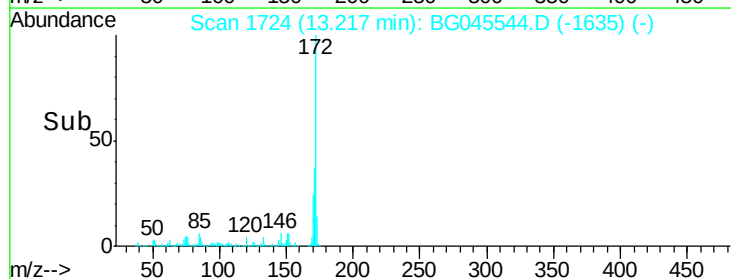
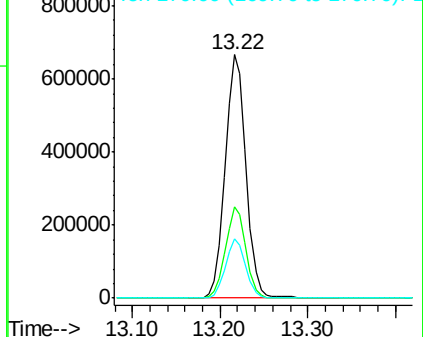
170 24.3 18.5 27.7

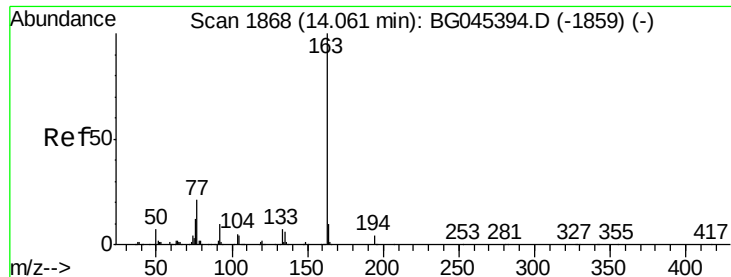


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.55 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

Instrument :

BNA\_G

ClientSampleId :

SB-1-D

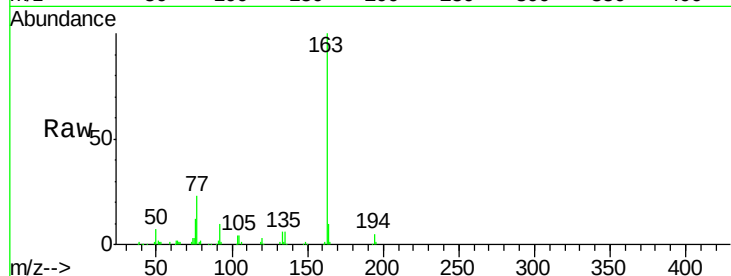
Tgt Ion:163 Resp: 144561

Ion Ratio Lower Upper

163 100

194 4.7 3.2 4.8

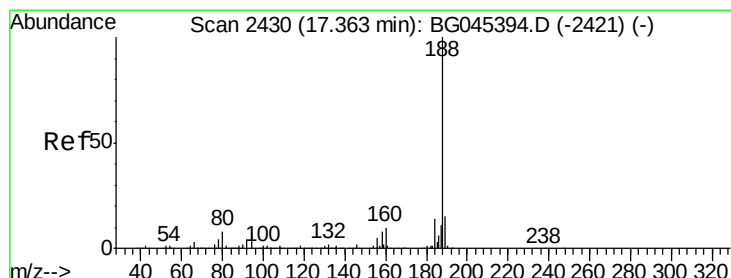
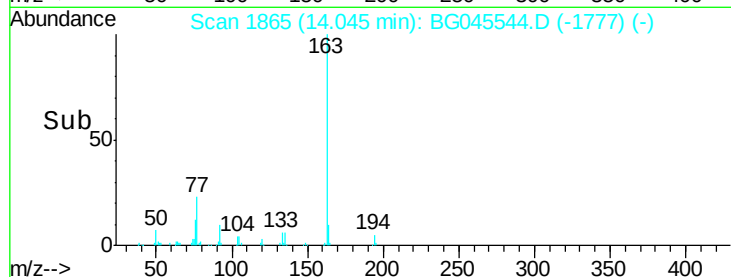
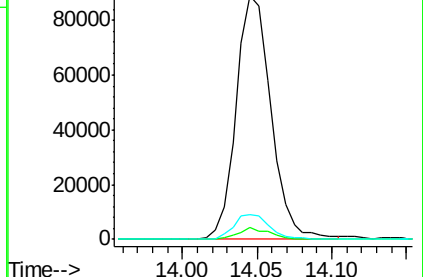
164 10.1 8.3 12.5



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: 20.00 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045544.D

Acq: 30 May 2020 7:22

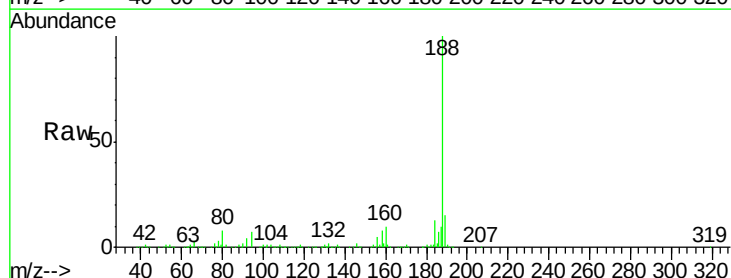
Tgt Ion:188 Resp: 427018

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

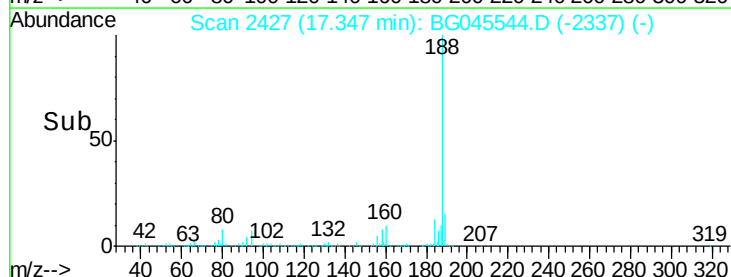
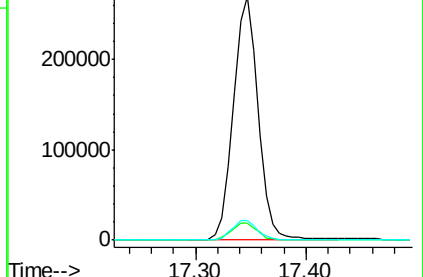
80 7.9 6.6 10.0

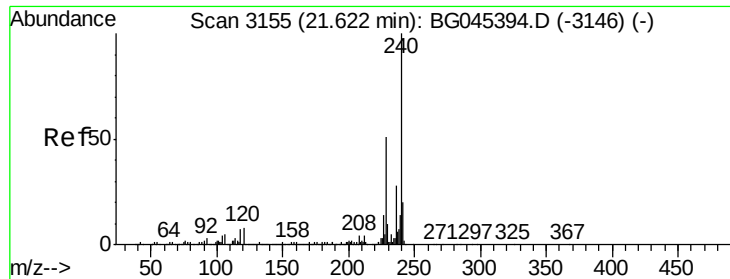


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

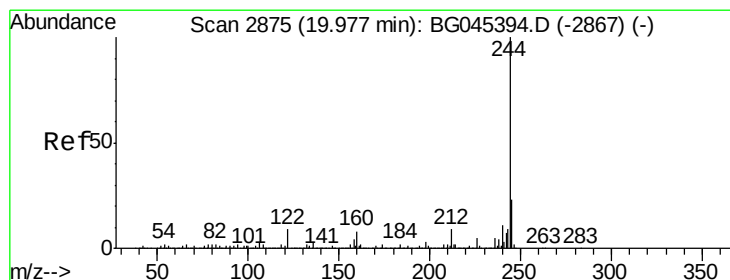
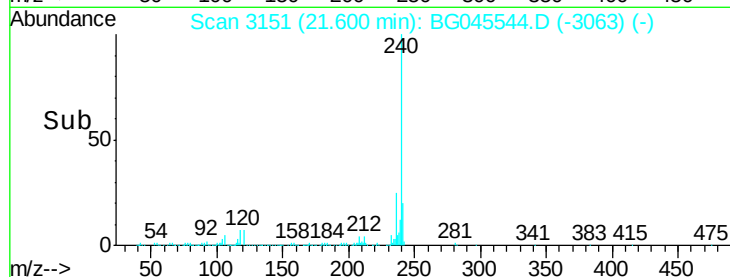
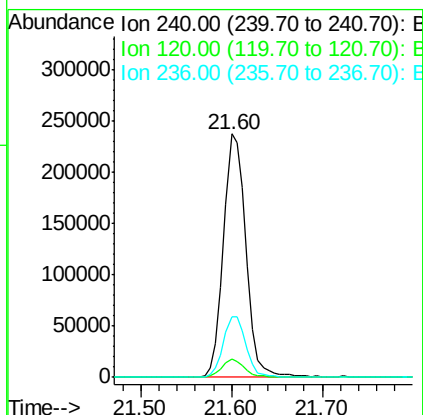
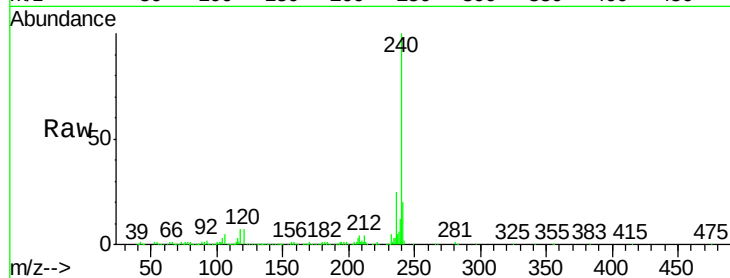




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.60 min Scan# 3151  
Delta R.T. -0.01 min  
Lab File: BG045544.D  
Acq: 30 May 2020 7:22

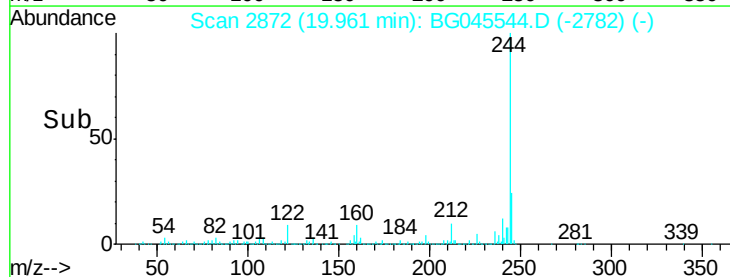
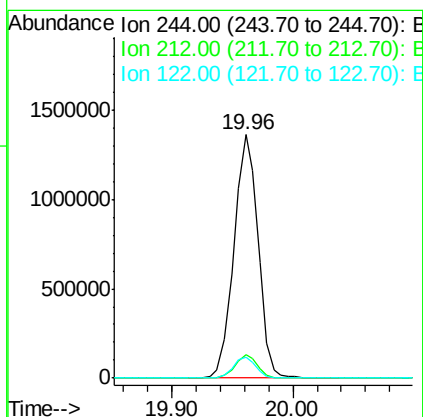
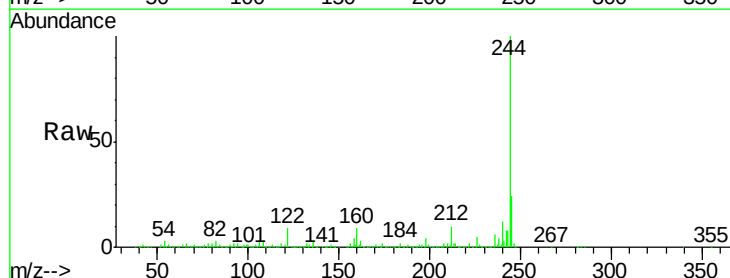
Instrument :  
BNA\_G  
ClientSampleId :  
SB-1-D

Tgt Ion:240 Resp: 409778  
Ion Ratio Lower Upper  
240 100  
120 7.3 6.1 9.1  
236 25.0 22.3 33.5

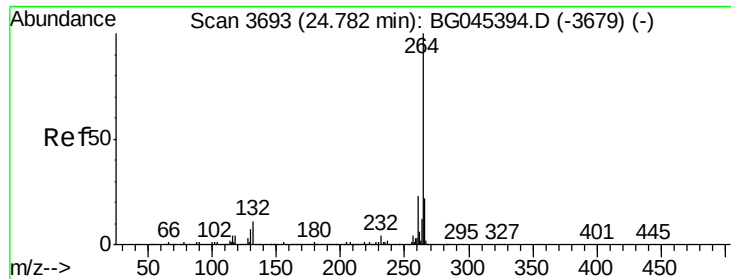


#79  
Terphenyl-d14  
Concen: 108.03 ng  
RT: 19.96 min Scan# 2872  
Delta R.T. 0.00 min  
Lab File: BG045544.D  
Acq: 30 May 2020 7:22

Tgt Ion:244 Resp: 1898124  
Ion Ratio Lower Upper  
244 100  
212 9.6 7.4 11.0  
122 8.7 6.8 10.2



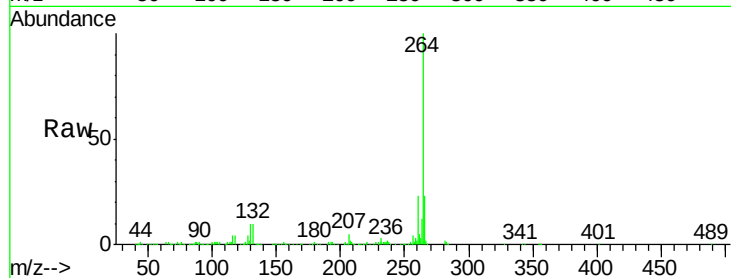




#87  
Perylene-d12  
Concen: 20.00 ng  
RT: 24.75 min Scan# 3687  
Delta R.T. -0.01 min  
Lab File: BG045544.D  
Acq: 30 May 2020 7:22

Instrument :  
BNA\_G  
ClientSampleId :  
SB-1-D

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 18.2  | 27.4  |
| 265     | 22.9  | 17.6  | 26.4  |



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

