

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\  
 Data File : BF120858.D  
 Acq On : 14 Jul 2020 13:47  
 Operator : JU/CG  
 Sample : L3282-03  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 INSIDE-GATE-OLDEN-AVE

Quant Time: Jul 14 15:08:17 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 13 14:16:14 2020  
 Response via : Initial Calibration

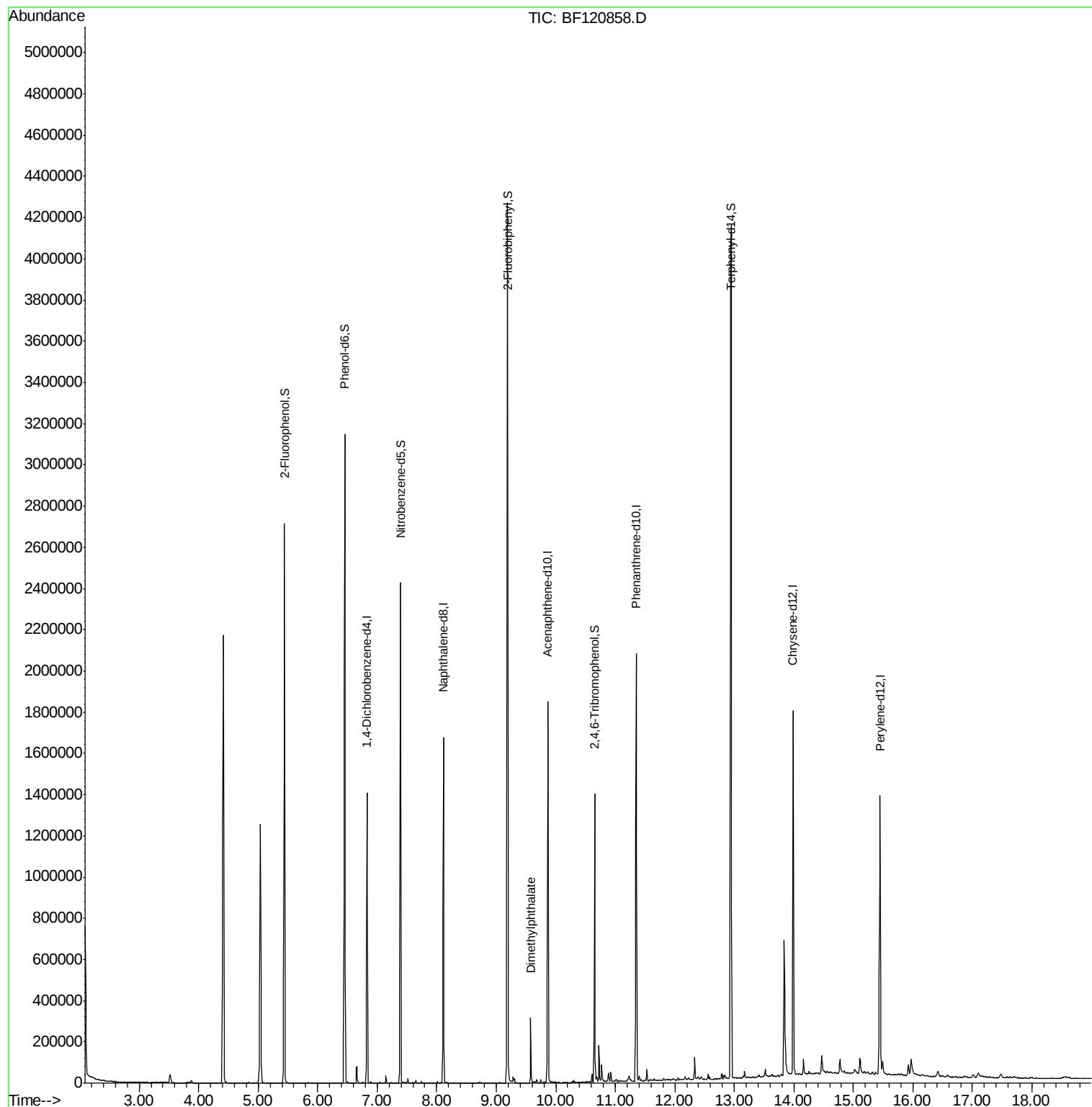
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 191361   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.11  | 136  | 725157   | 20.00 | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.87  | 164  | 375631   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.35 | 188  | 705518   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.99 | 240  | 616262   | 20.00 | ng    | -0.02     |
| 86) Perylene-d12            | 15.44 | 264  | 608022   | 20.00 | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.45  | 112  | 850843   | 68.63 | ng    | 0.00      |
| 7) Phenol-d6                | 6.46  | 99   | 1258889  | 79.52 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 819065   | 65.44 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.65 | 330  | 148133   | 39.25 | ng    | -0.01     |
| 45) 2-Fluorobiphenyl        | 9.19  | 172  | 1456583  | 58.67 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.94 | 244  | 1467273  | 46.62 | ng    | 0.00      |
| Target Compounds            |       |      |          |       |       |           |
| 50) Dimethylphthalate       | 9.58  | 163  | 114616   | 4.183 | ng    | Qvalue 99 |

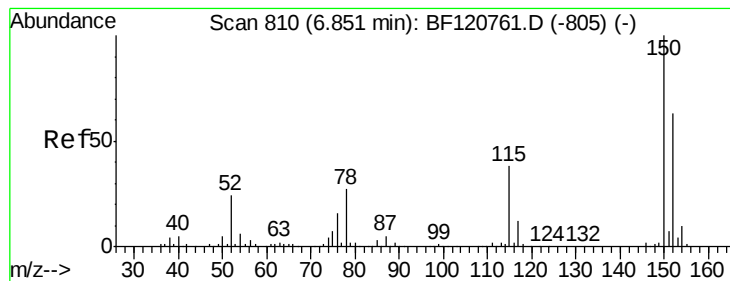
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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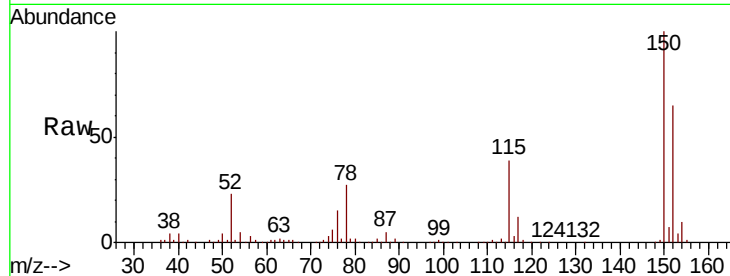


#1

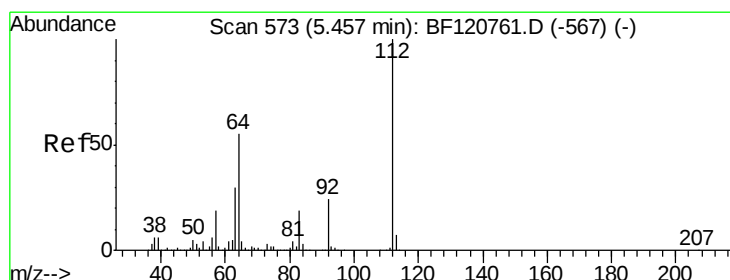
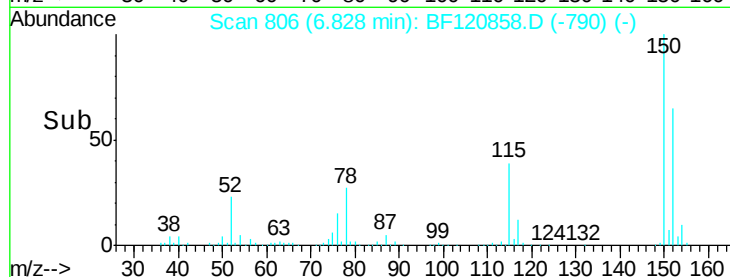
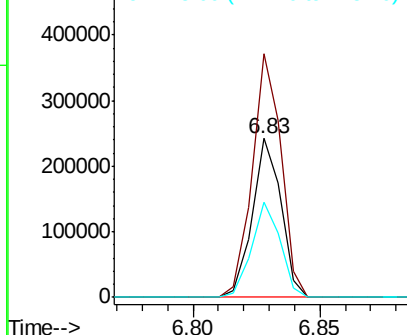
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 806  
Delta R.T. -0.01 min  
Lab File: BF120858.D  
Acq: 14 Jul 2020 13:47

Instrument :  
BNA\_F  
ClientSampleId :  
INSIDE-GATE-OLDEN-AVE

Tot Ion:152 Resp: 191361  
Ion Ratio Lower Upper  
152 100  
150 153.1 126.1 189.1  
115 59.6 48.5 72.7



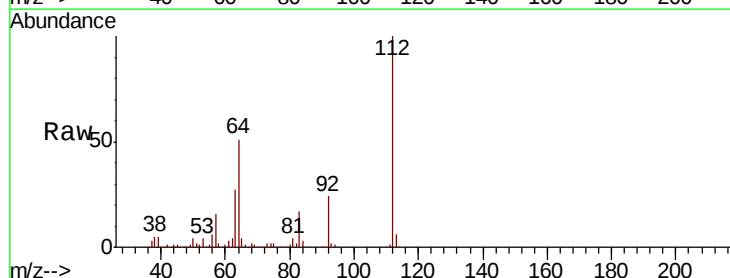
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



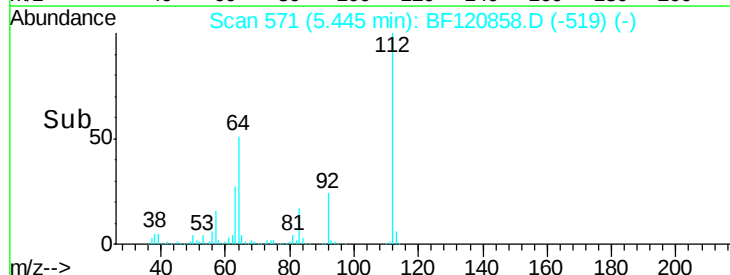
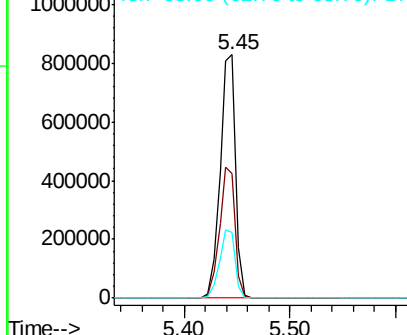
#5

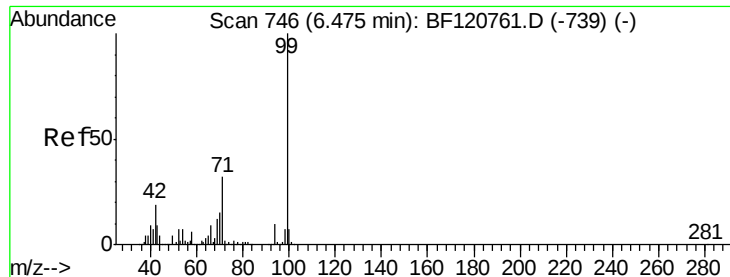
2-Fluorophenol  
Concen: 68.635 ng  
RT: 5.45 min Scan# 571  
Delta R.T. 0.01 min  
Lab File: BF120858.D  
Acq: 14 Jul 2020 13:47

Tgt Ion:112 Resp: 850843  
Ion Ratio Lower Upper  
112 100  
64 51.1 43.8 65.6  
63 26.9 23.6 35.4



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: 79.520 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

Instrument :

BNA\_F

ClientSampleId :

INSIDE-GATE-OLDEN-AVE

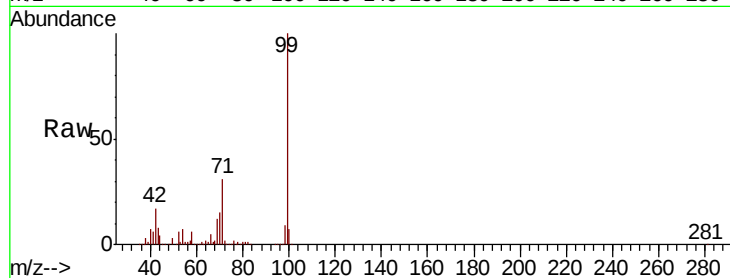
Tot Ion: 99 Resp: 1258889

Ion Ratio Lower Upper

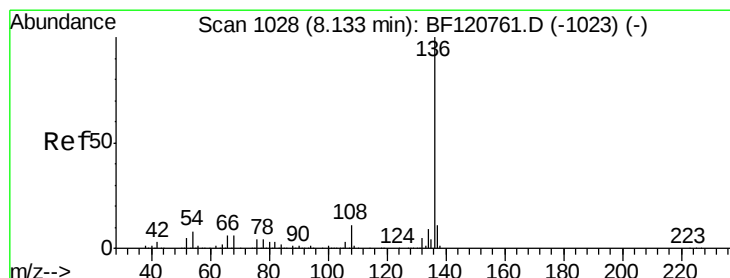
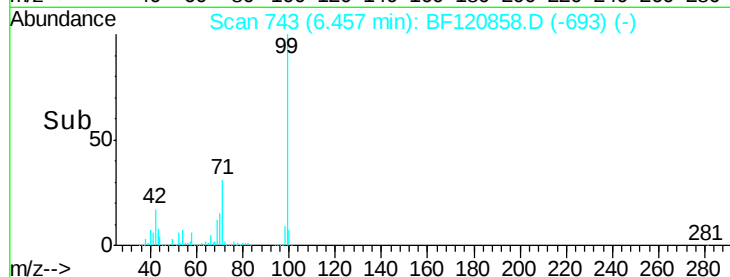
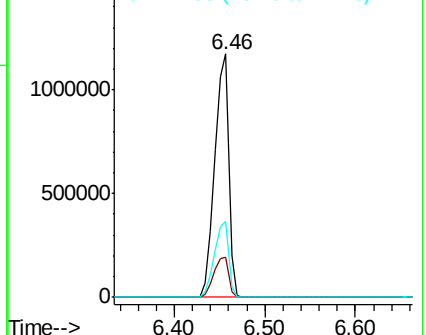
99 100

42 16.6 15.4 23.0

71 31.1 25.9 38.9



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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

Tgt Ion: 136 Resp: 725157

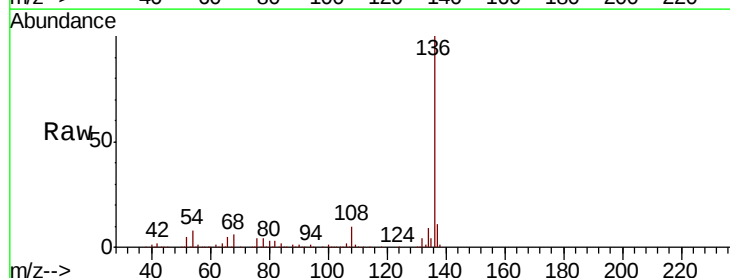
Ion Ratio Lower Upper

136 100

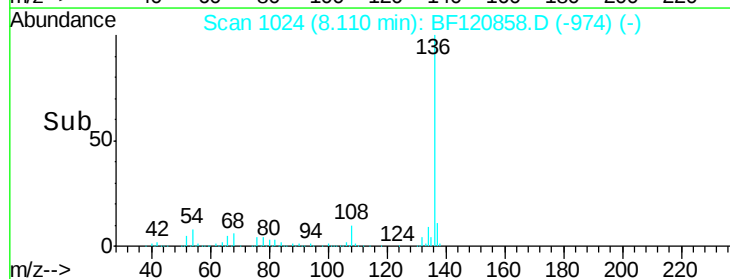
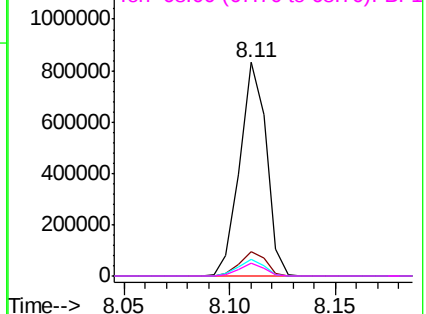
137 11.4 9.0 13.6

54 7.8 6.2 9.4

68 5.9 4.7 7.1



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

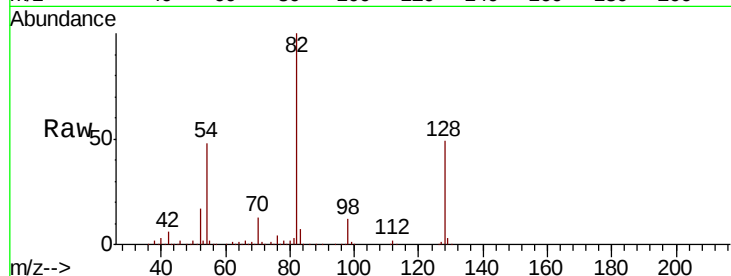




#23  
Nitrobenzene-d5  
Concen: 65.441 ng  
RT: 7.39 min Scan# 902  
Delta R.T. -0.01 min  
Lab File: BF120858.D  
Acq: 14 Jul 2020 13:47

Instrument :  
BNA\_F  
ClientSampleId :  
INSIDE-GATE-OLDEN-AVE

| Tot Ion   | 82   | Resp | 819065 |
|-----------|------|------|--------|
| Ion Ratio | 100  |      |        |
| Lower     | 35.7 |      |        |
| Upper     | 53.5 |      |        |
| 128       | 49.2 |      |        |
| 54        | 47.8 |      |        |
|           | 40.9 |      |        |
|           | 61.3 |      |        |

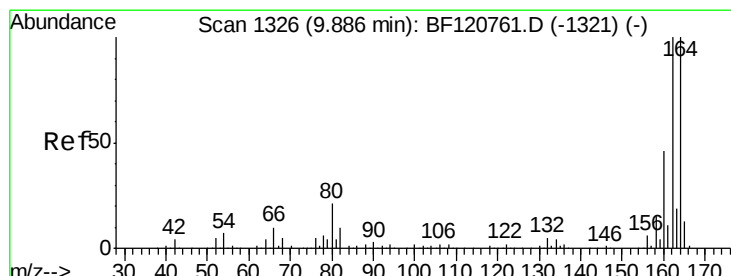
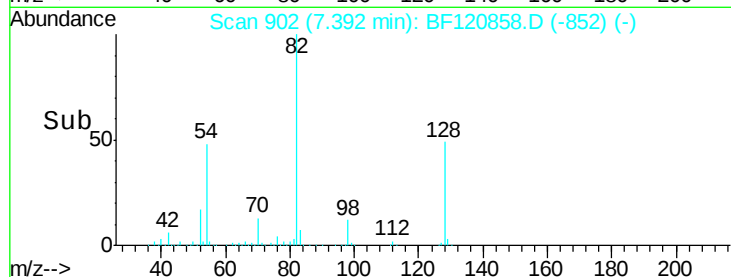
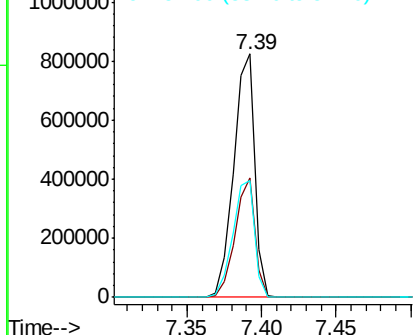


Abundance

Ion 82.00 (81.70 to 82.70): BF1

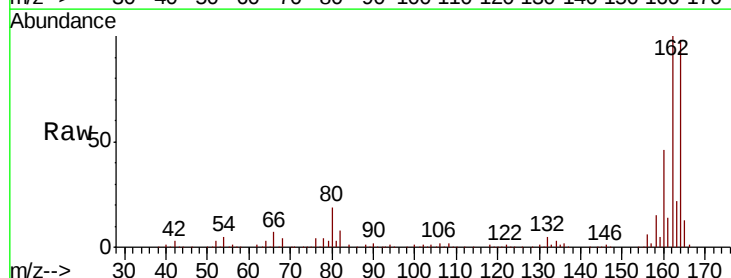
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.87 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BF120858.D  
Acq: 14 Jul 2020 13:47

| Tgt Ion   | 164   | Resp | 375631 |
|-----------|-------|------|--------|
| Ion Ratio | 100   |      |        |
| Lower     | 80.2  |      |        |
| Upper     | 120.2 |      |        |
| 162       | 101.9 |      |        |
| 160       | 46.7  |      |        |
|           | 36.9  |      |        |
|           | 55.3  |      |        |

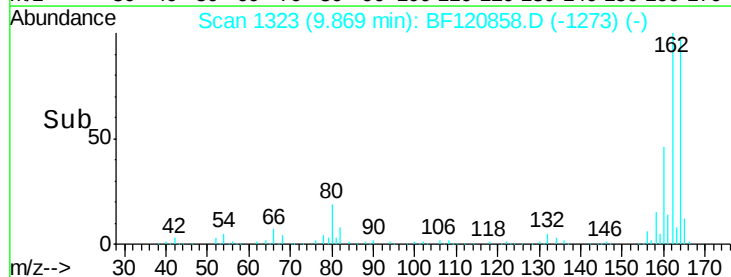
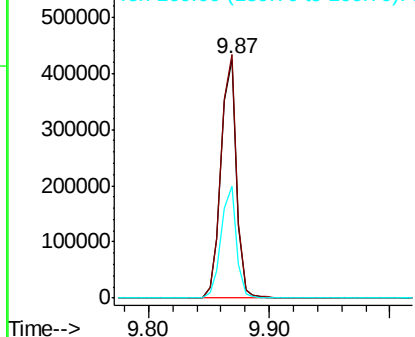


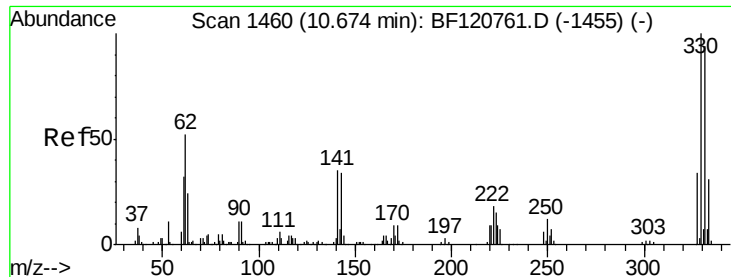
Abundance

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: 39.253 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

Instrument :

BNA\_F

ClientSampleId :

INSIDE-GATE-OLDEN-AVE

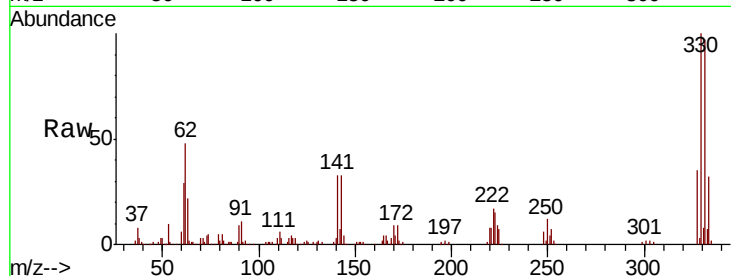
Tot Ion:330 Resp: 148133

Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.6

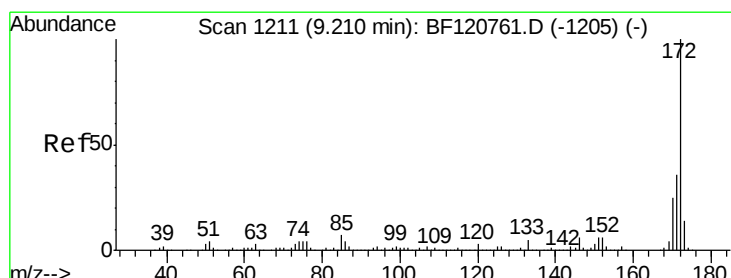
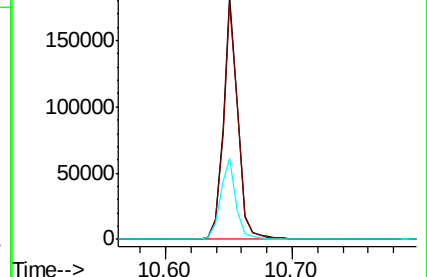
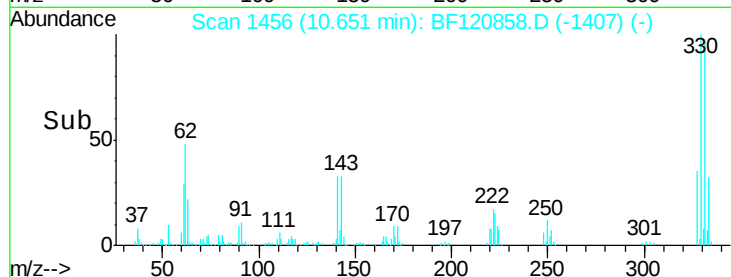
141 35.8 29.7 44.5



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: 58.667 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

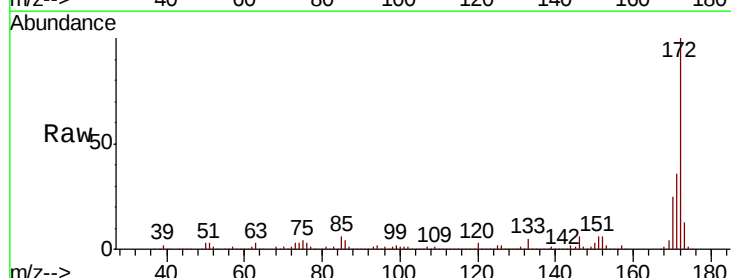
Tgt Ion:172 Resp: 1456583

Ion Ratio Lower Upper

172 100

171 36.2 29.1 43.7

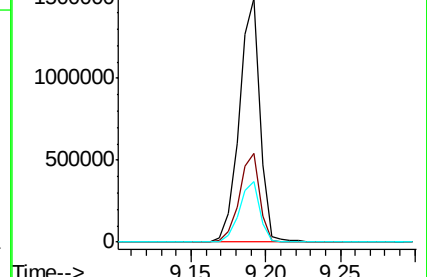
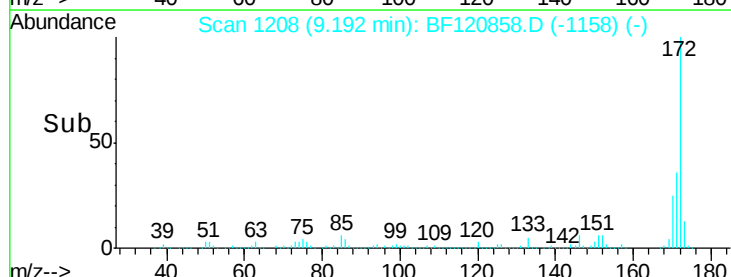
170 24.6 19.8 29.6

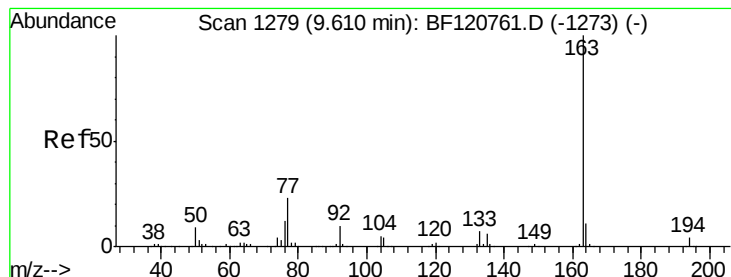


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.183 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

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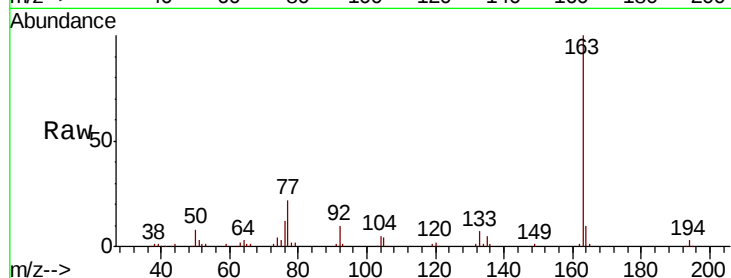
Tot Ion:163 Resp: 114616

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

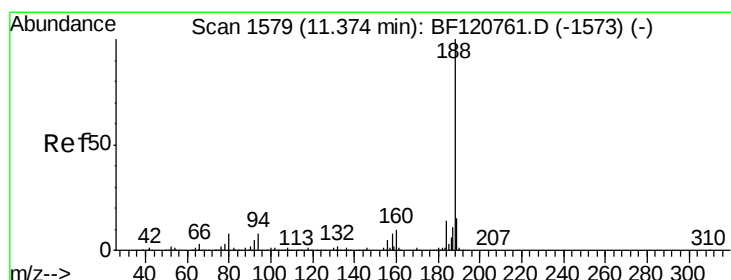
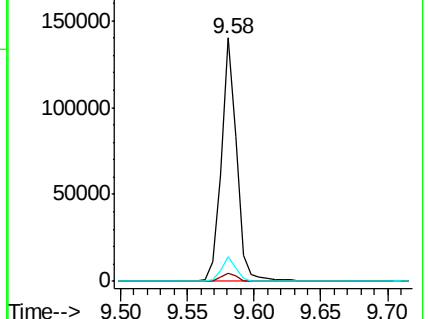
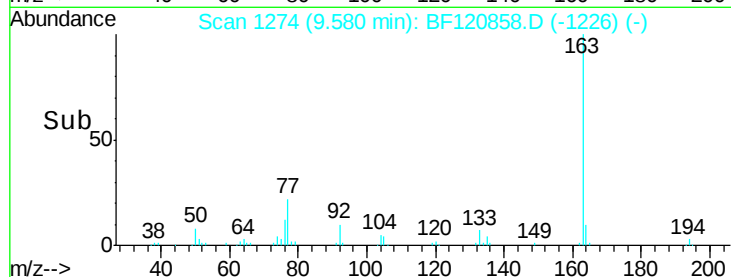
164 10.2 8.5 12.7



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: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF120858.D

Acq: 14 Jul 2020 13:47

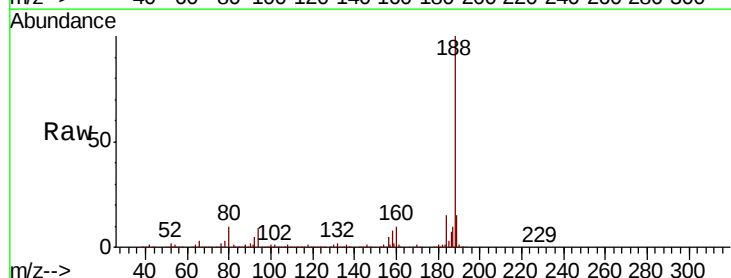
Tgt Ion:188 Resp: 705518

Ion Ratio Lower Upper

188 100

94 9.5 6.6 9.8

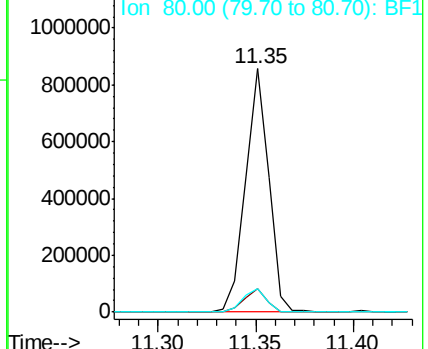
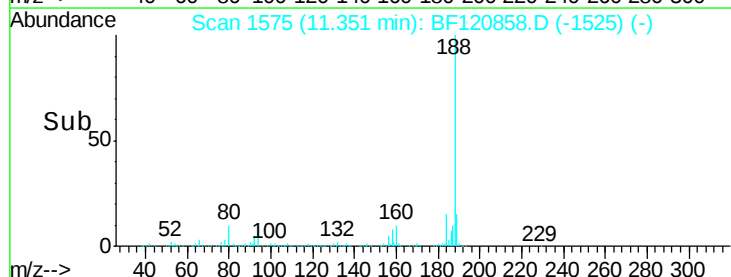
80 9.7 6.6 10.0

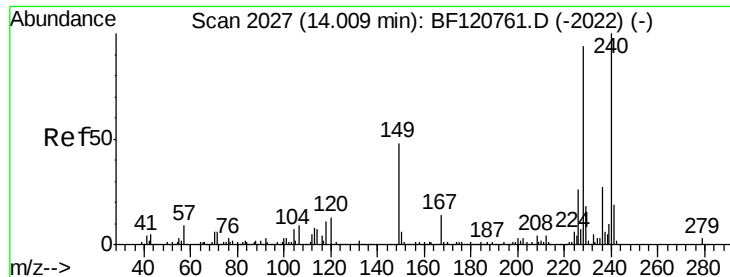


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

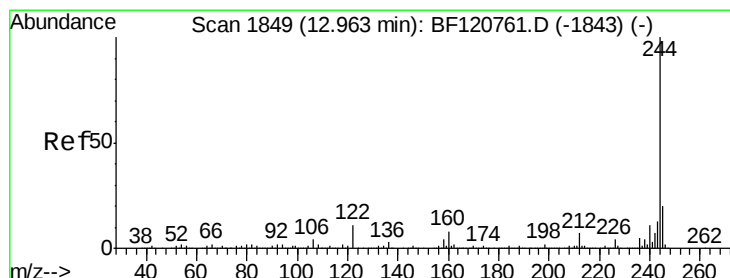
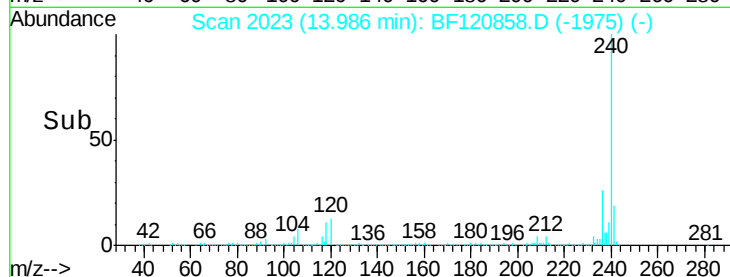
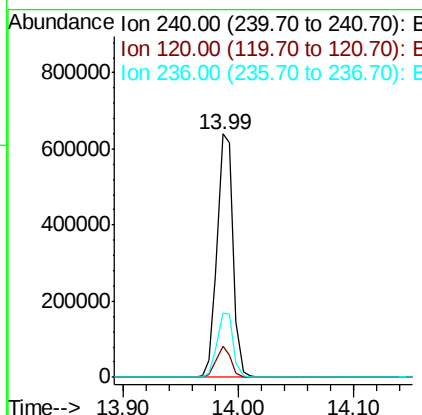
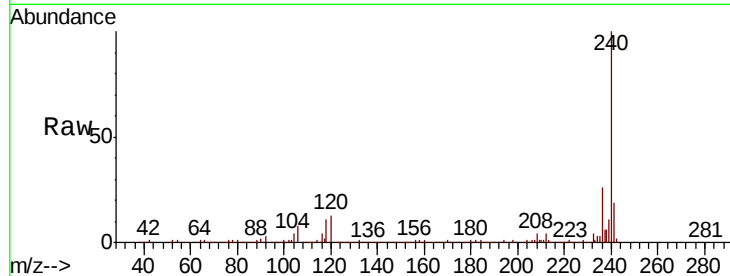




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.99 min Scan# 2023  
Delta R.T. -0.02 min  
Lab File: BF120858.D  
Acq: 14 Jul 2020 13:47

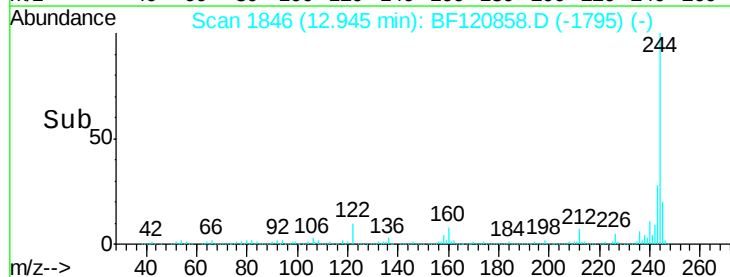
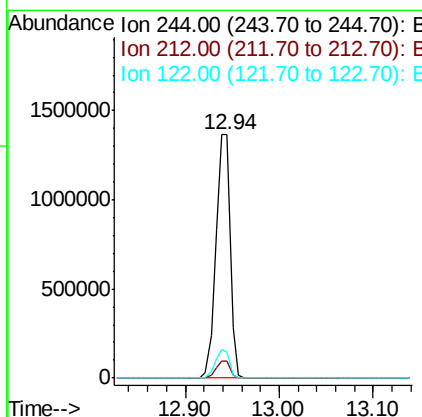
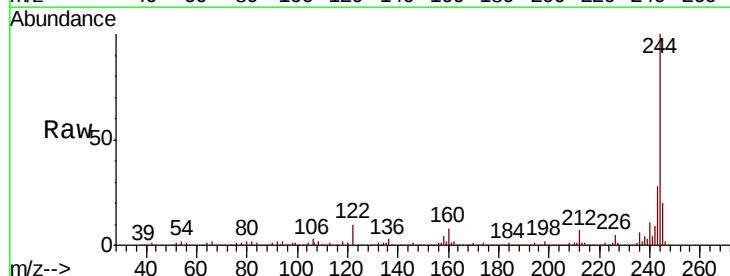
Instrument :  
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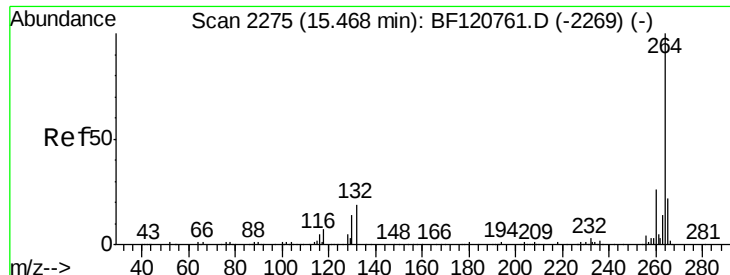
Tot Ion:240 Resp: 616262  
Ion Ratio Lower Upper  
240 100  
120 12.8 10.3 15.5  
236 26.4 21.4 32.2



#79  
Terphenyl-d14  
Concen: 46.616 ng  
RT: 12.94 min Scan# 1846  
Delta R.T. -0.00 min  
Lab File: BF120858.D  
Acq: 14 Jul 2020 13:47

Tgt Ion:244 Resp: 1467273  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.6 8.4  
122 10.4 9.0 13.4





#86  
 Pervlone-d12  
 Concen: 20.000 ng  
 RT: 15.44 min Scan# 2271  
 Delta R.T. -0.01 min  
 Lab File: BF120858.D  
 Acq: 14 Jul 2020 13:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 INSIDE-GATE-OLDEN-AVE

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.9  | 20.6  | 30.8  |
| 265     | 21.7  | 17.6  | 26.4  |

