

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030723\  
 Data File : BF132672.D  
 Acq On : 07 Mar 2023 11:28  
 Operator : CG\JU  
 Sample : PB151052BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB151052BL

Quant Time: Mar 08 04:37:13 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 07 13:42:31 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.987  | 152  | 209071   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.275  | 136  | 779703   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.033 | 164  | 438168   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.533 | 188  | 865713   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.192 | 240  | 581093   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.739 | 264  | 454987   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.628  | 112  | 1459199  | 113.274 | ng    | 0.01     |
| 7) Phenol-d6                | 6.622  | 99   | 1860450  | 110.661 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.557  | 82   | 1242703  | 75.618  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.833 | 330  | 551749   | 116.599 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.351  | 172  | 2014093  | 69.991  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.127 | 244  | 2640080  | 76.816  | ng    | 0.00     |

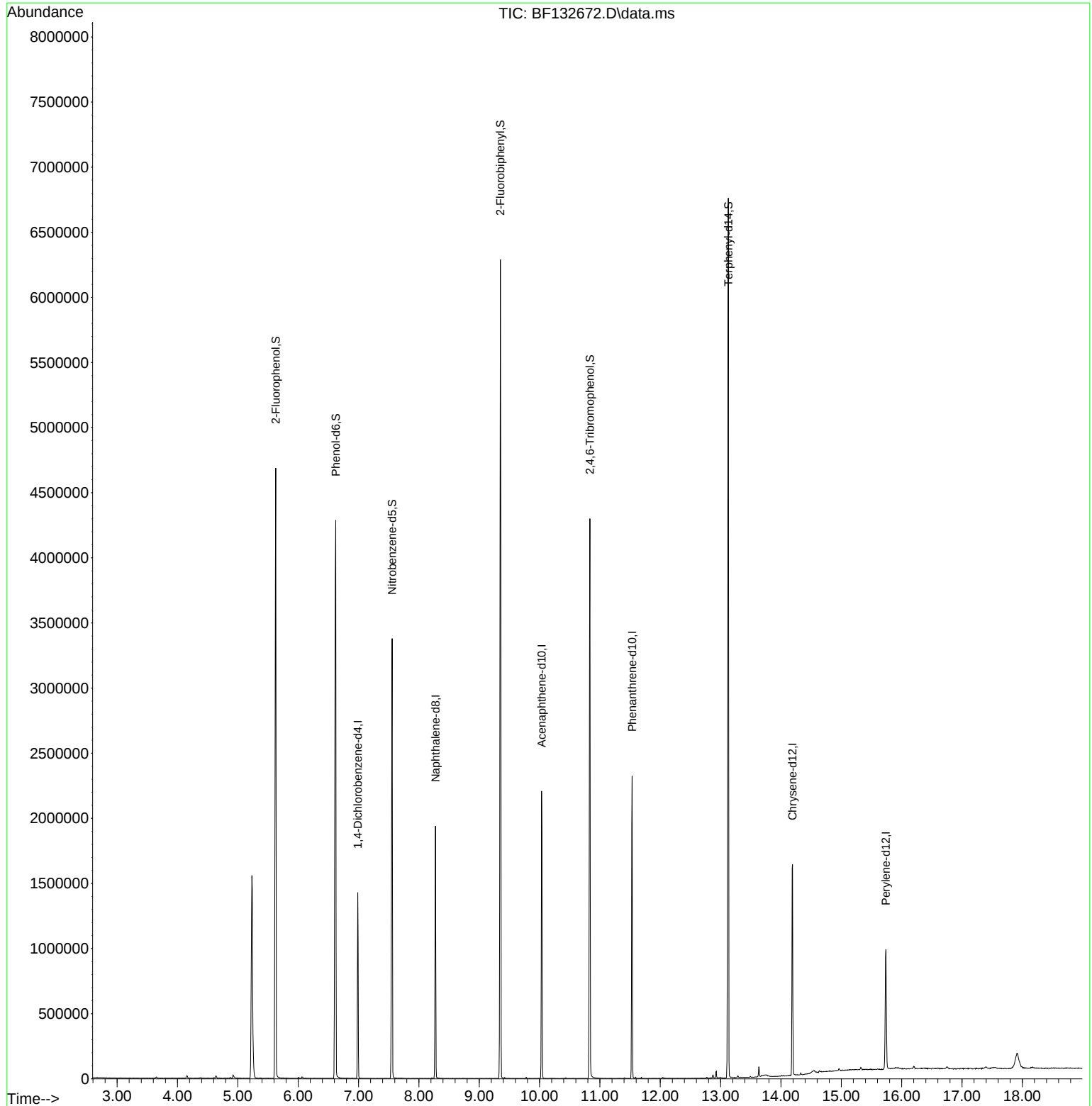
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

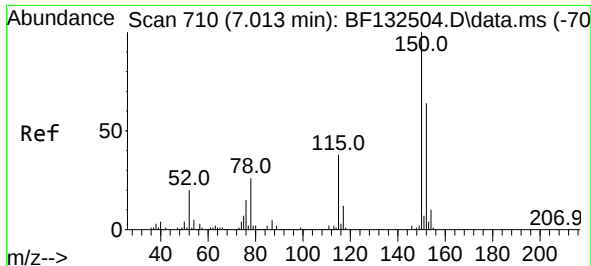
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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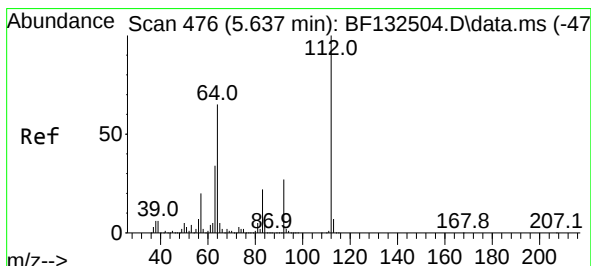
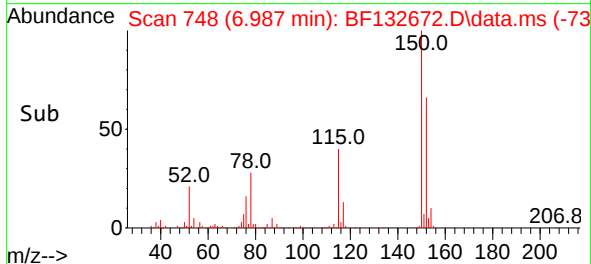
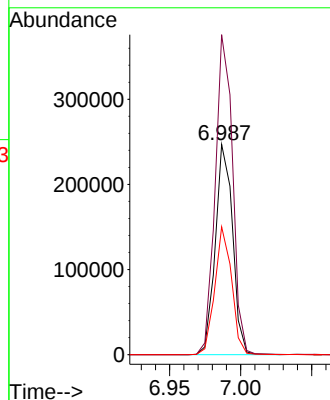
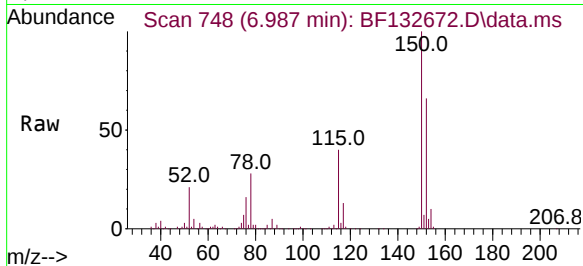




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.987 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF132672.D  
Acq: 07 Mar 2023 11:28

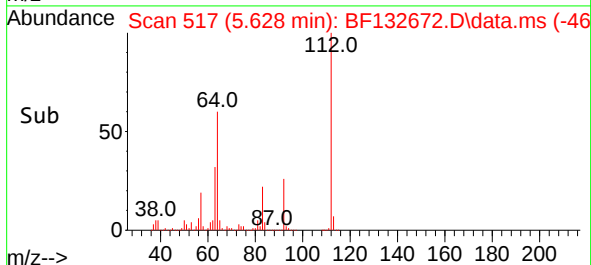
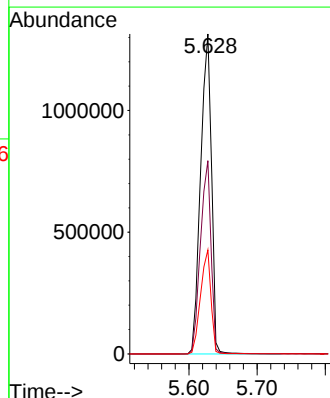
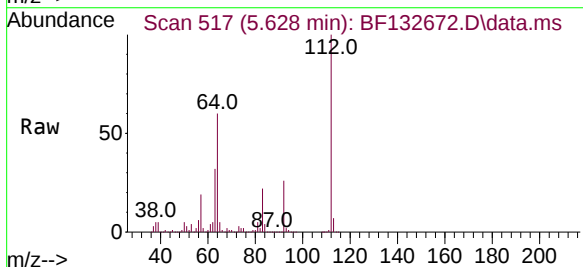
Instrument :  
BNA\_F  
ClientSampleId :  
PB151052BL

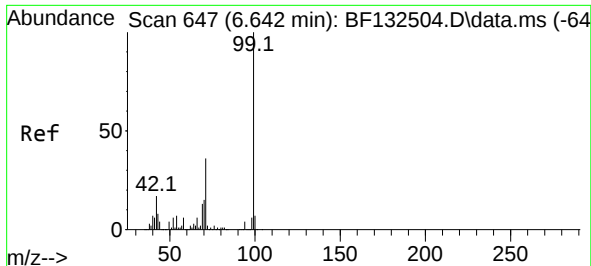
Tgt Ion:152 Resp: 209071  
Ion Ratio Lower Upper  
152 100  
150 152.3 125.4 188.2  
115 60.8 47.8 71.6



#5  
2-Fluorophenol  
Concen: 113.274 ng  
RT: 5.628 min Scan# 517  
Delta R.T. 0.012 min  
Lab File: BF132672.D  
Acq: 07 Mar 2023 11:28

Tgt Ion:112 Resp: 1459199  
Ion Ratio Lower Upper  
112 100  
64 60.4 51.6 77.4  
63 32.5 27.4 41.2

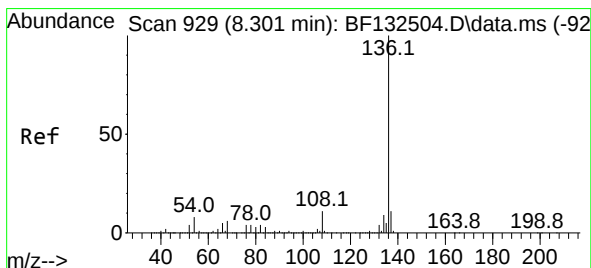
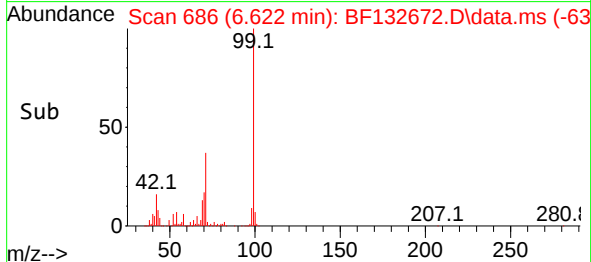
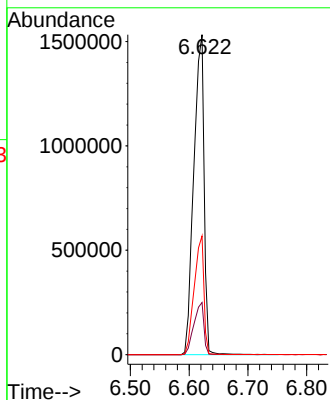
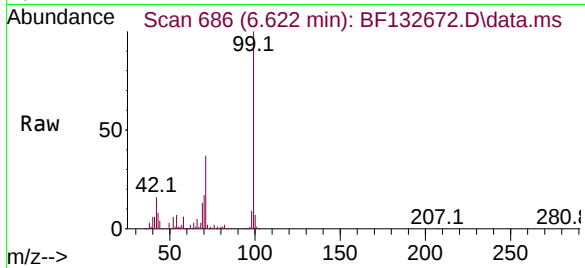




#7  
Phenol-d6  
Concen: 110.661 ng  
RT: 6.622 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BF132672.D  
Acq: 07 Mar 2023 11:28

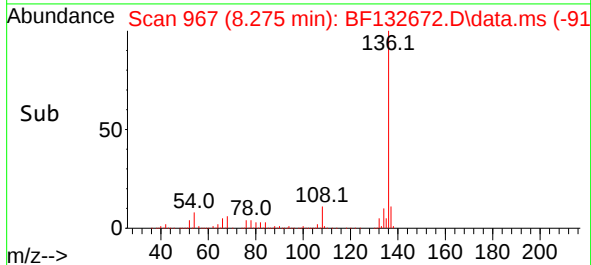
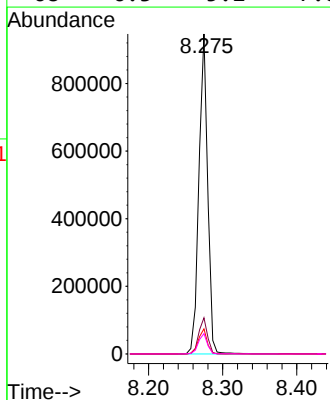
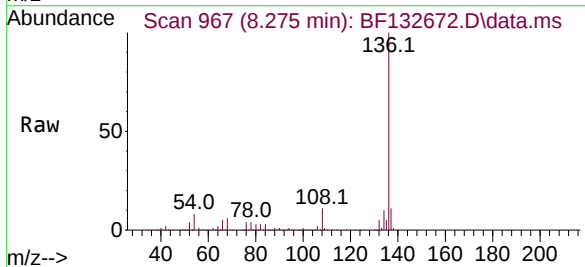
Instrument :  
BNA\_F  
ClientSampleId :  
PB151052BL

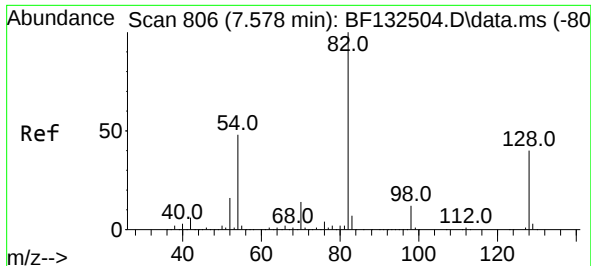
Tgt Ion: 99 Resp: 1860450  
Ion Ratio Lower Upper  
99 100  
42 16.3 13.9 20.9  
71 37.1 28.5 42.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.275 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: BF132672.D  
Acq: 07 Mar 2023 11:28

Tgt Ion: 136 Resp: 779703  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.9 13.3  
54 7.8 6.2 9.4  
68 6.3 5.2 7.8





#23

Nitrobenzene-d5

Concen: 75.618 ng

RT: 7.557 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF132672.D

Acq: 07 Mar 2023 11:28

Instrument :

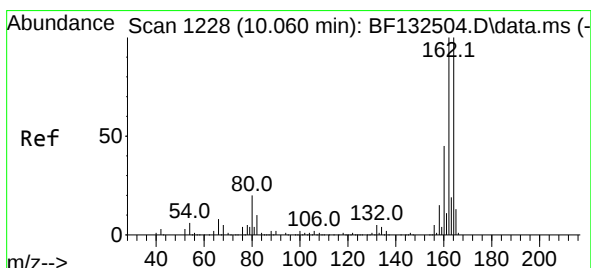
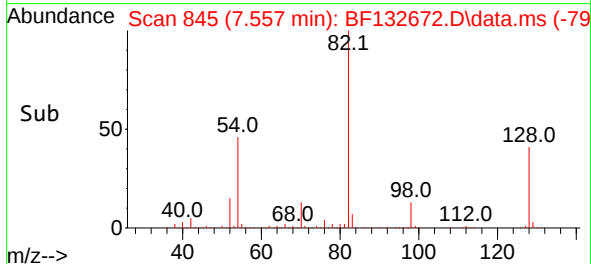
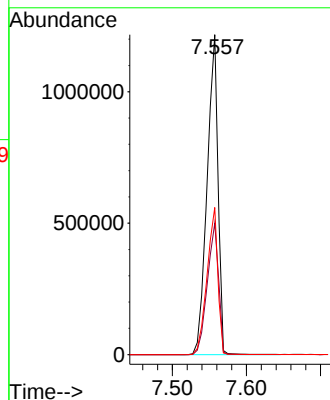
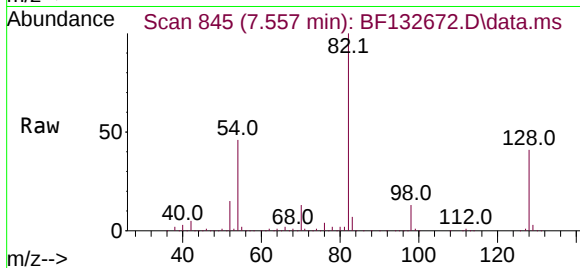
BNA\_F

ClientSampleId :

PB151052BL

Tgt Ion: 82 Resp: 1242703

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.1  | 32.2  | 48.2  |
| 54  | 46.0  | 38.4  | 57.6  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.033 min Scan# 1266

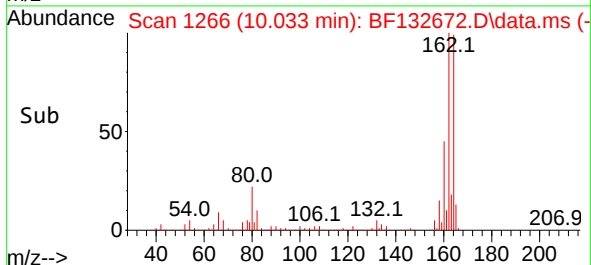
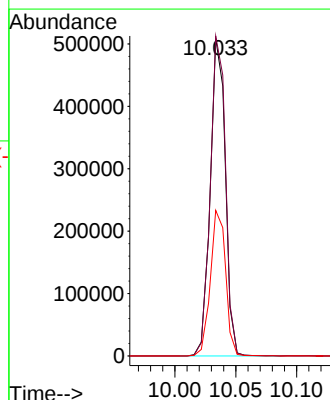
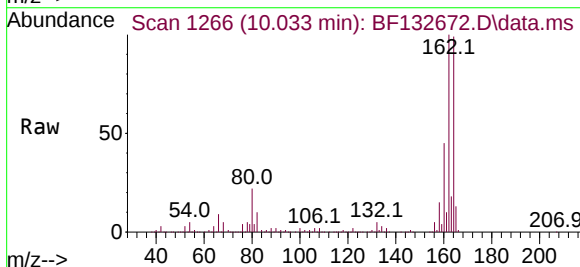
Delta R.T. -0.006 min

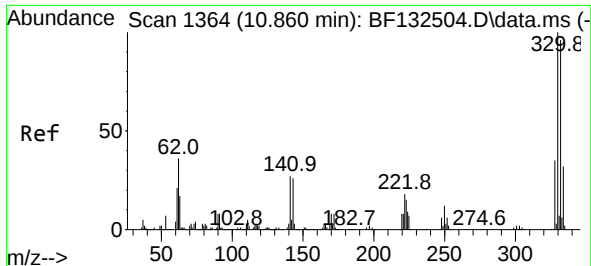
Lab File: BF132672.D

Acq: 07 Mar 2023 11:28

Tgt Ion:164 Resp: 438168

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.8 | 79.8  | 119.8 |
| 160 | 45.8  | 35.8  | 53.6  |





#42

2,4,6-Tribromophenol

Concen: 116.599 ng

RT: 10.833 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF132672.D

Acq: 07 Mar 2023 11:28

Instrument :

BNA\_F

ClientSampleId :

PB151052BL

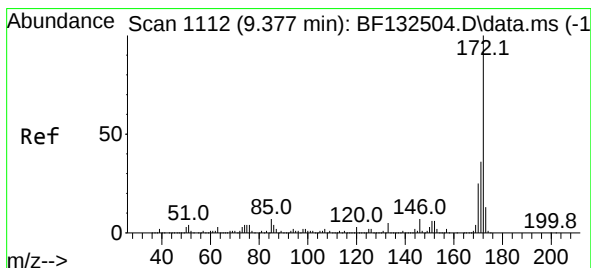
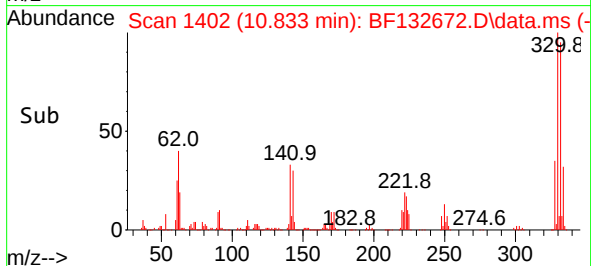
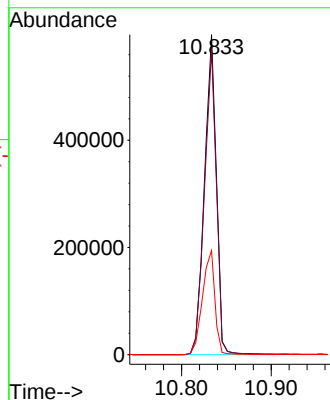
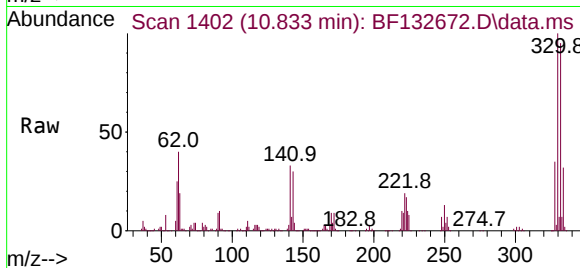
Tgt Ion:330 Resp: 551749

Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

141 33.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 69.991 ng

RT: 9.351 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF132672.D

Acq: 07 Mar 2023 11:28

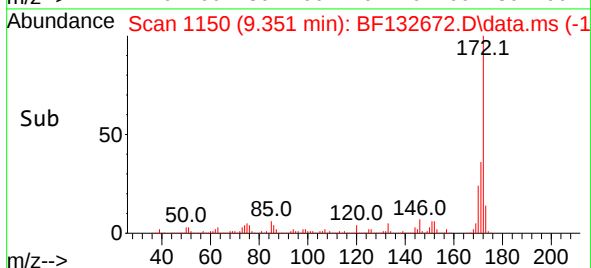
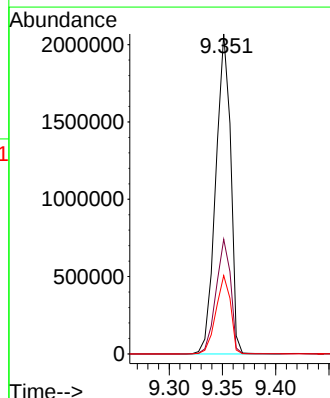
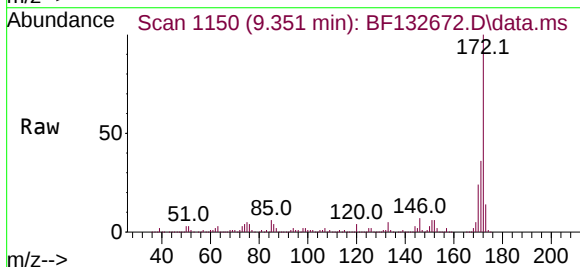
Tgt Ion:172 Resp: 2014093

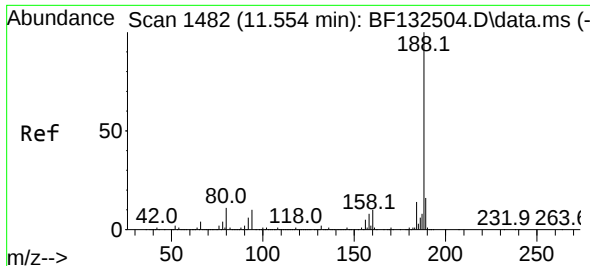
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.5 19.7 29.5

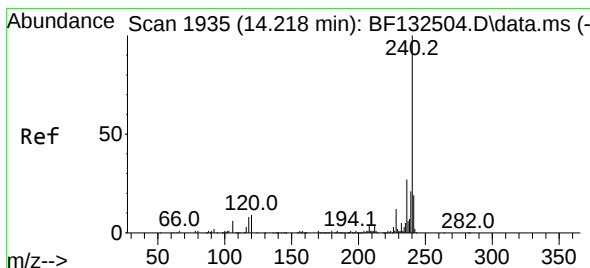
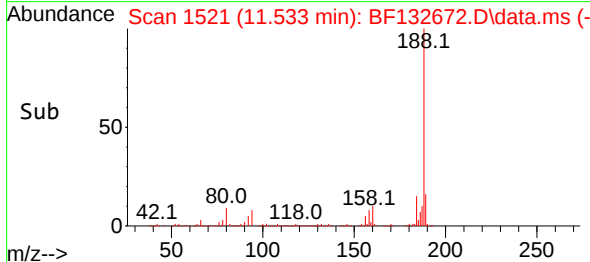
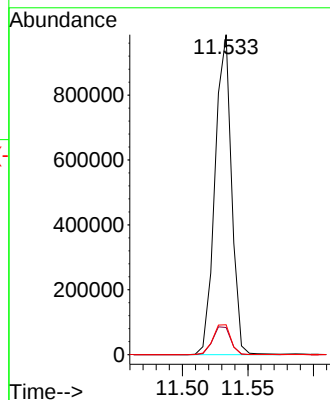
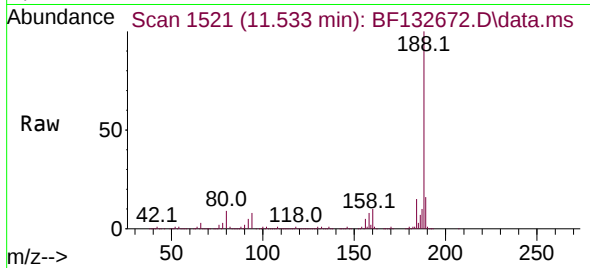




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.533 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF132672.D  
Acq: 07 Mar 2023 11:28

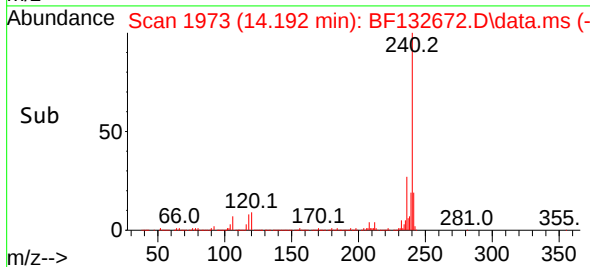
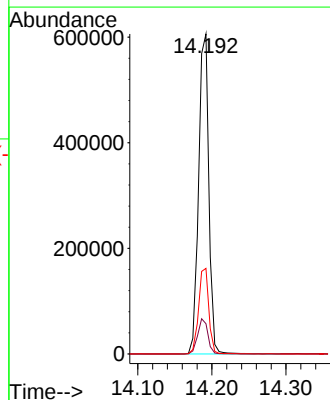
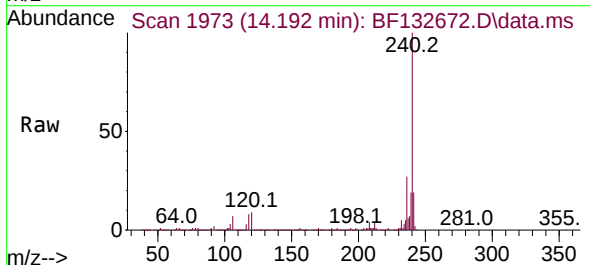
Instrument :  
BNA\_F  
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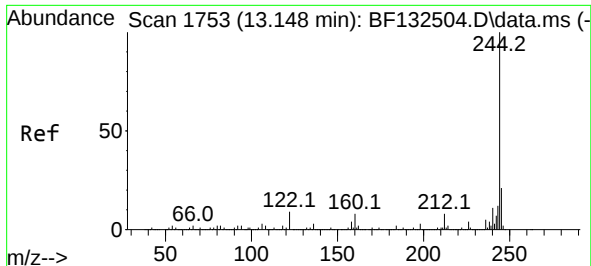
Tgt Ion:188 Resp: 865713  
Ion Ratio Lower Upper  
188 100  
94 8.5 8.3 12.5  
80 9.3 8.7 13.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.192 min Scan# 1973  
Delta R.T. -0.006 min  
Lab File: BF132672.D  
Acq: 07 Mar 2023 11:28

Tgt Ion:240 Resp: 581093  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.2 10.8  
236 26.7 21.8 32.6

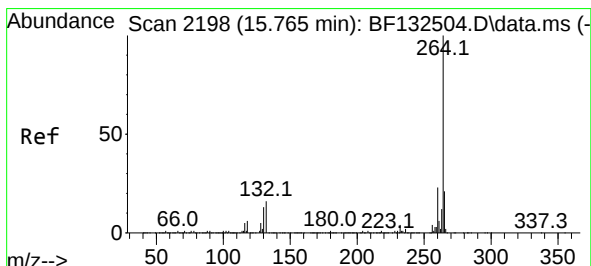
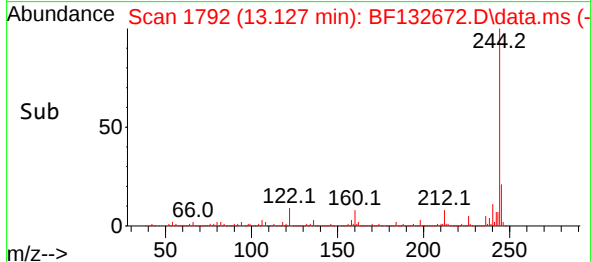
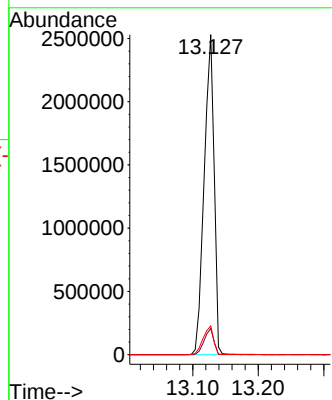
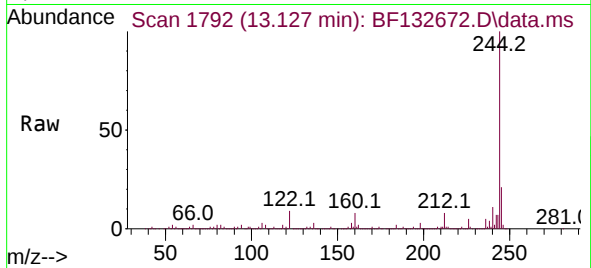




#79  
 Terphenyl-d14  
 Concen: 76.816 ng  
 RT: 13.127 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF132672.D  
 Acq: 07 Mar 2023 11:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB151052BL

Tgt Ion:244 Resp: 2640080  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.5 9.7  
 122 9.0 7.5 11.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.739 min Scan# 2236  
 Delta R.T. -0.000 min  
 Lab File: BF132672.D  
 Acq: 07 Mar 2023 11:28

Tgt Ion:264 Resp: 454987  
 Ion Ratio Lower Upper  
 264 100  
 260 25.4 18.8 28.2  
 265 21.7 17.1 25.7

