

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030323\  
 Data File : BF132624.D  
 Acq On : 03 Mar 2023 12:39  
 Operator : CG\JU  
 Sample : PB151155BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB151155BL

Quant Time: Mar 04 02:15:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF022223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 23:17:30 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.998  | 152  | 224770   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.286  | 136  | 837901   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.045 | 164  | 467233   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.545 | 188  | 944586   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.204 | 240  | 700554   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.757 | 264  | 552759   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.634  | 112  | 1524771  | 110.097 | ng    | 0.00     |
| 7) Phenol-d6                | 6.628  | 99   | 1973106  | 109.165 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.569  | 82   | 1308542  | 74.093  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.845 | 330  | 609899   | 120.870 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.363  | 172  | 2143788  | 69.864  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.139 | 244  | 2968552  | 71.644  | ng    | 0.00     |

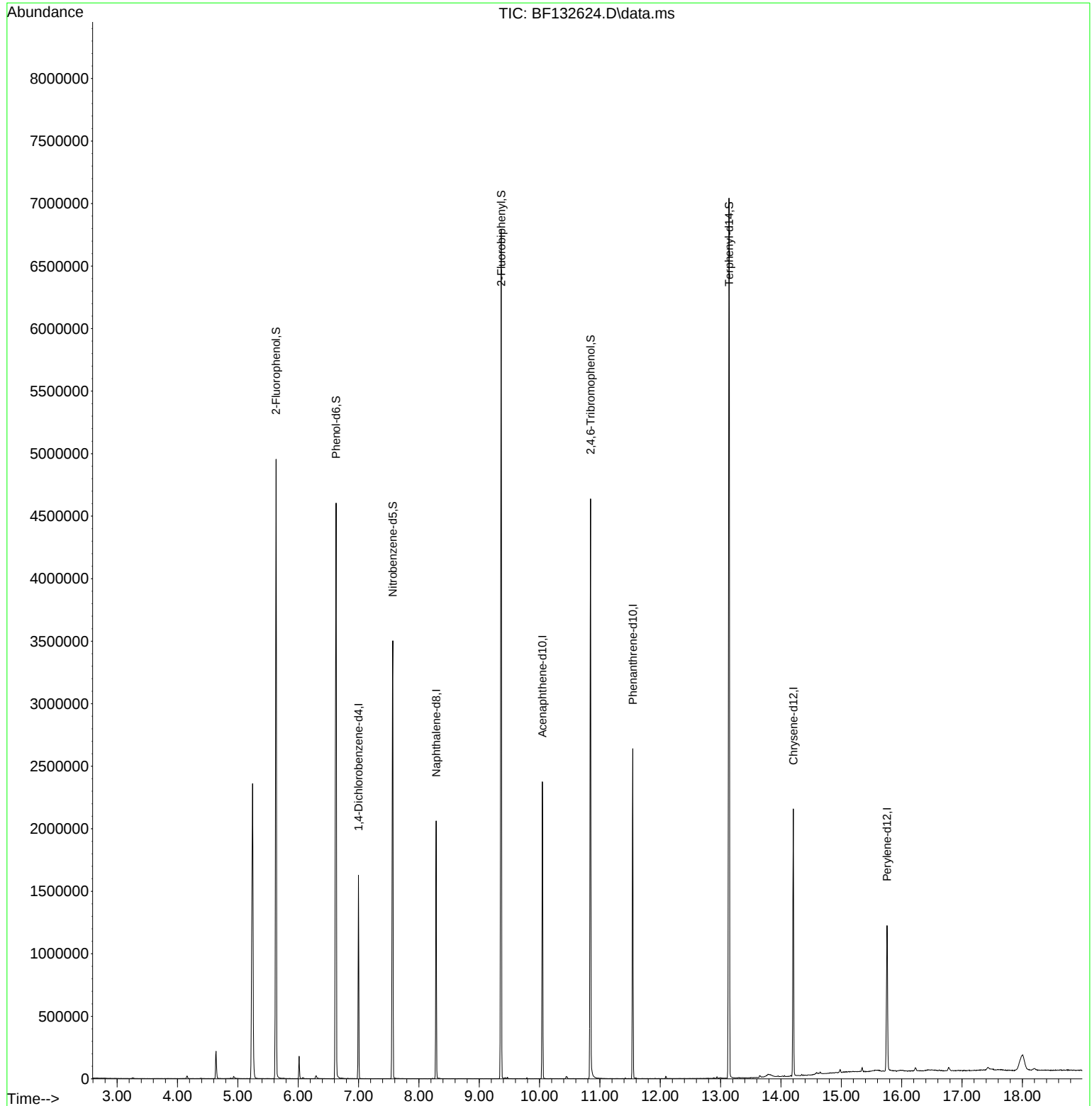
Target Compounds Qvalue

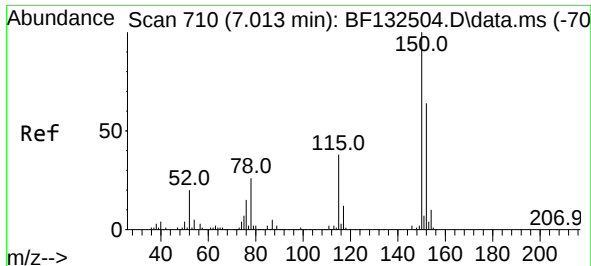
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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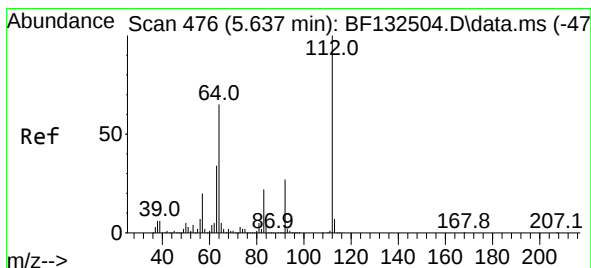
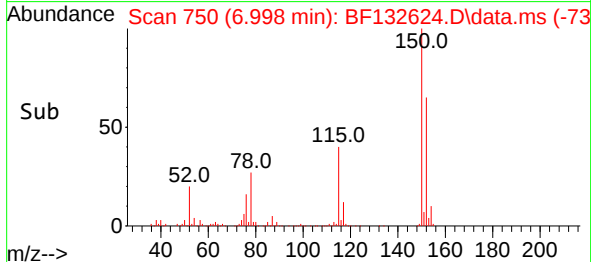
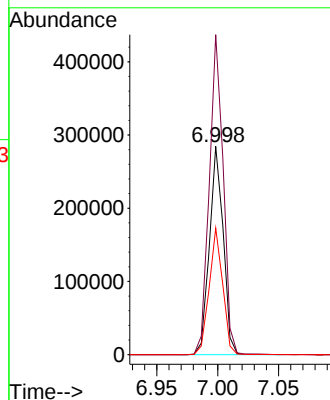
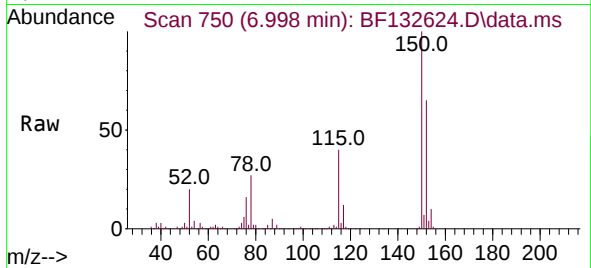




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.998 min Scan# 710  
Delta R.T. -0.009 min  
Lab File: BF132624.D  
Acq: 03 Mar 2023 12:39

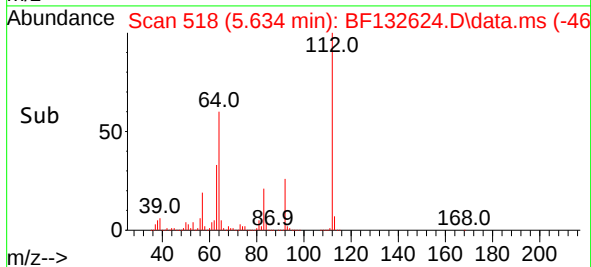
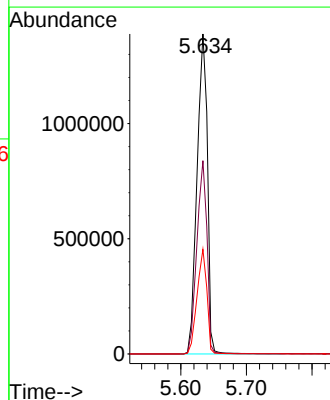
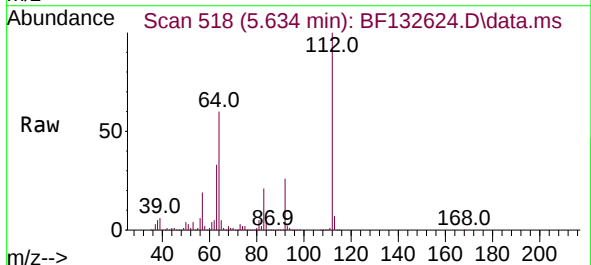
Instrument :  
BNA\_F  
ClientSampleId :  
PB151155BL

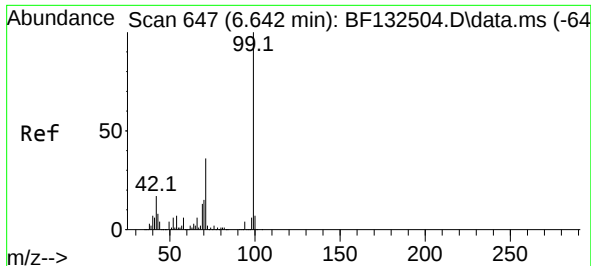
Tgt Ion:152 Resp: 224770  
Ion Ratio Lower Upper  
152 100  
150 153.7 125.4 188.2  
115 60.7 47.8 71.6



#5  
2-Fluorophenol  
Concen: 110.097 ng  
RT: 5.634 min Scan# 518  
Delta R.T. 0.003 min  
Lab File: BF132624.D  
Acq: 03 Mar 2023 12:39

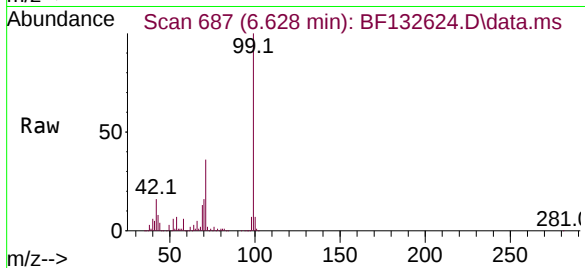
Tgt Ion:112 Resp: 1524771  
Ion Ratio Lower Upper  
112 100  
64 60.4 51.6 77.4  
63 32.7 27.4 41.2





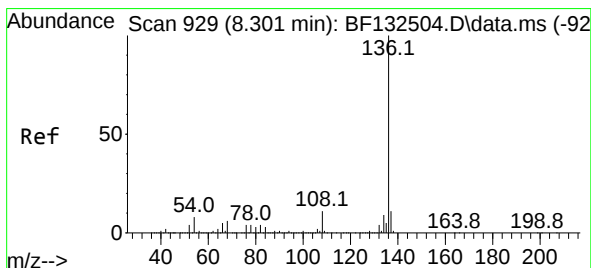
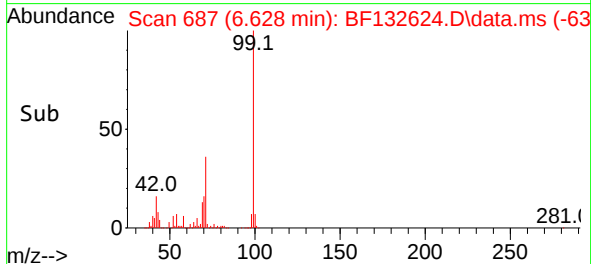
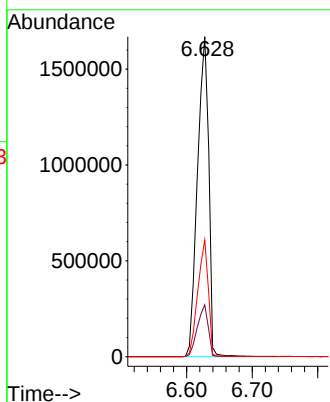
#7  
Phenol-d6  
Concen: 109.165 ng  
RT: 6.628 min Scan# 687  
Delta R.T. -0.009 min  
Lab File: BF132624.D  
Acq: 03 Mar 2023 12:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB151155BL



Tgt Ion: 99 Resp: 1973106

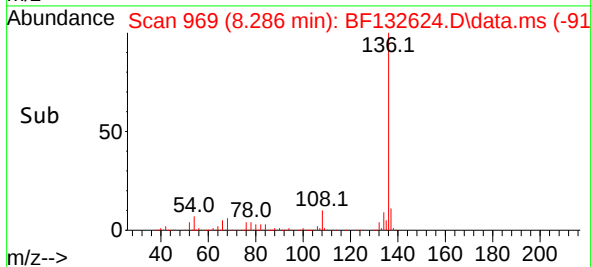
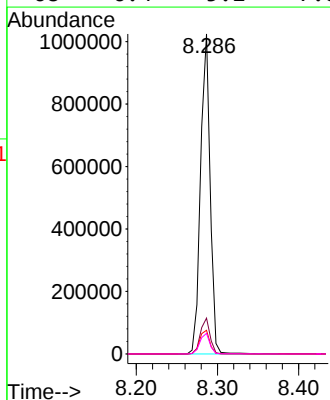
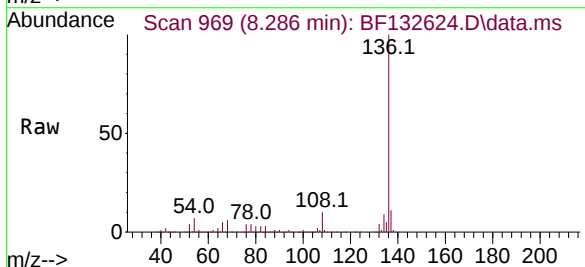
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.2  | 13.9  | 20.9  |
| 71  | 36.4  | 28.5  | 42.7  |

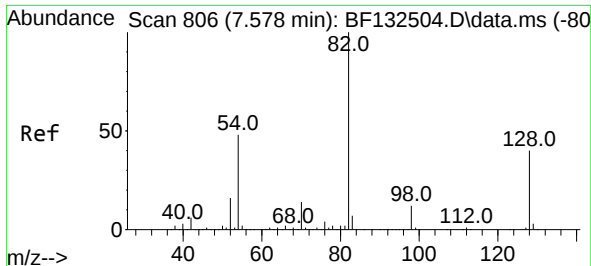


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.286 min Scan# 969  
Delta R.T. -0.003 min  
Lab File: BF132624.D  
Acq: 03 Mar 2023 12:39

Tgt Ion: 136 Resp: 837901

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.9   | 13.3  |
| 54  | 7.4   | 6.2   | 9.4   |
| 68  | 6.4   | 5.2   | 7.8   |





#23

Nitrobenzene-d5

Concen: 74.093 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132624.D

Acq: 03 Mar 2023 12:39

Instrument :

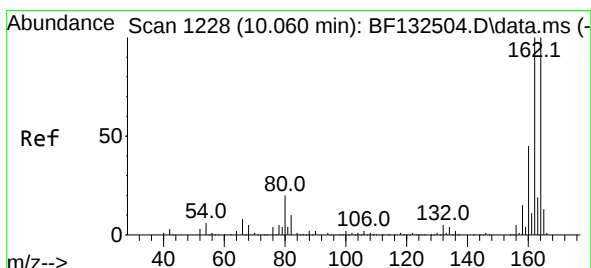
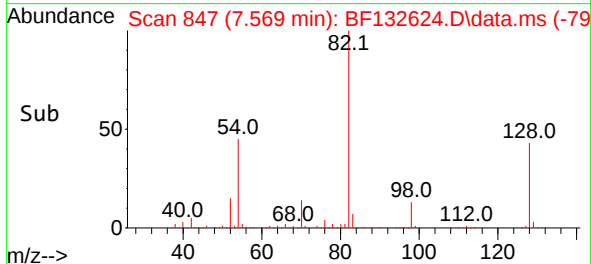
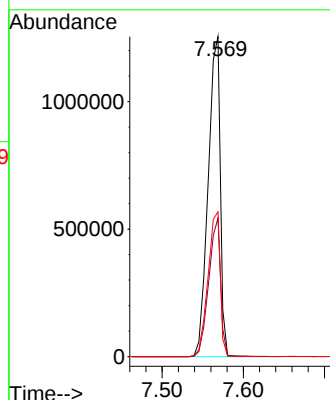
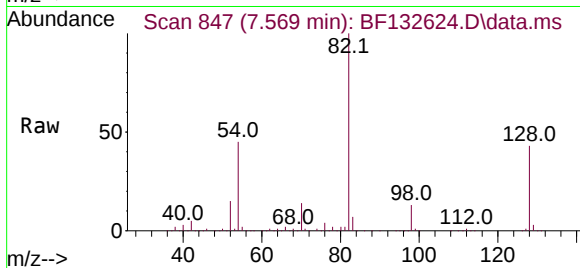
BNA\_F

ClientSampleId :

PB151155BL

Tgt Ion: 82 Resp: 1308542

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.2  | 32.2  | 48.2  |
| 54  | 45.3  | 38.4  | 57.6  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.045 min Scan# 1268

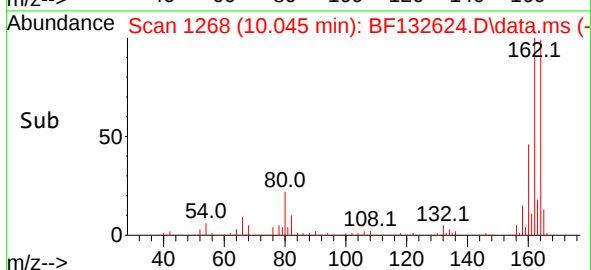
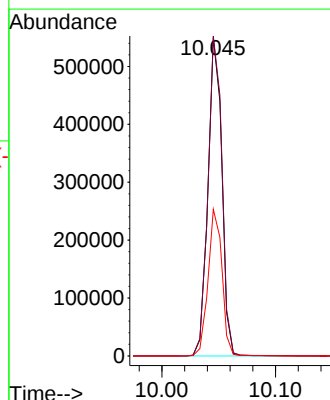
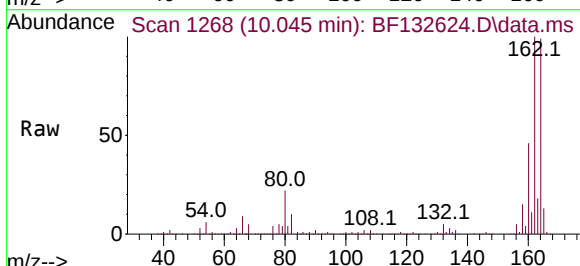
Delta R.T. -0.009 min

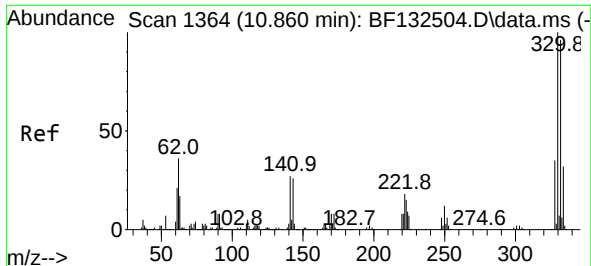
Lab File: BF132624.D

Acq: 03 Mar 2023 12:39

Tgt Ion:164 Resp: 467233

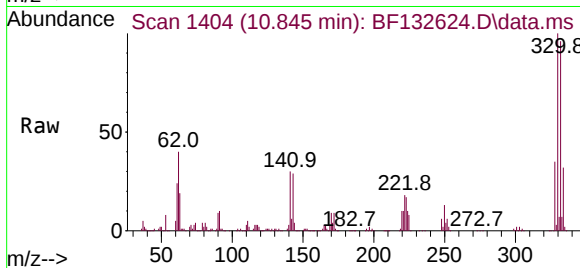
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.5 | 79.8  | 119.8 |
| 160 | 46.1  | 35.8  | 53.6  |



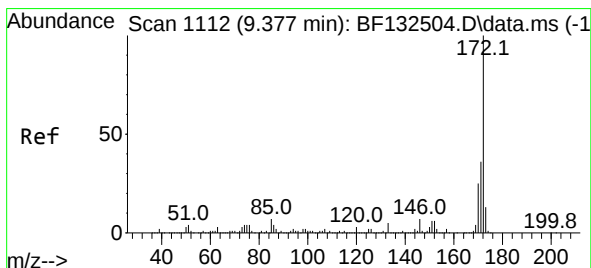
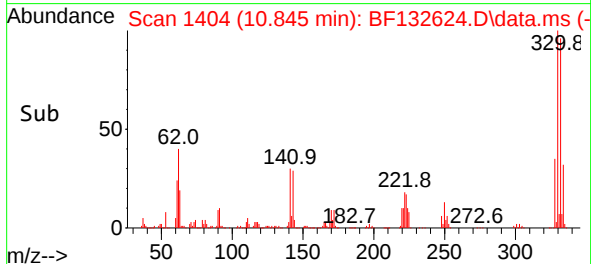
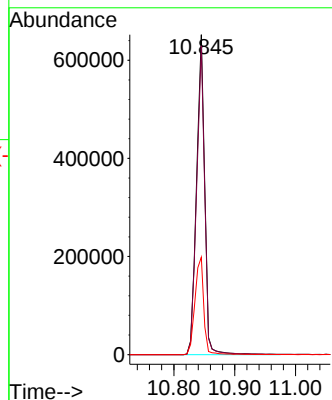


#42  
2,4,6-Tribromophenol  
Concen: 120.870 ng  
RT: 10.845 min Scan# 1404  
Delta R.T. -0.003 min  
Lab File: BF132624.D  
Acq: 03 Mar 2023 12:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB151155BL

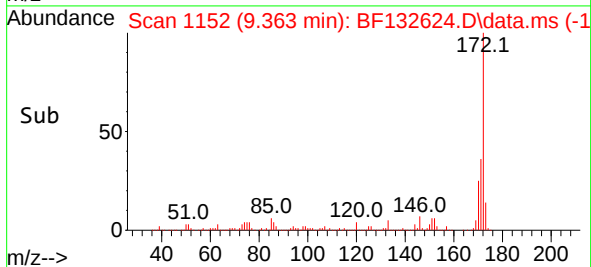
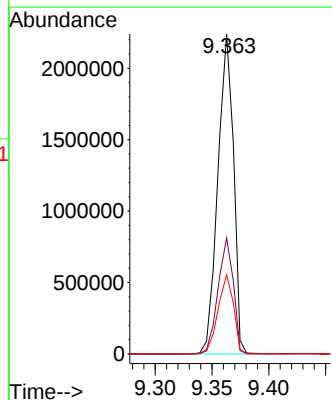
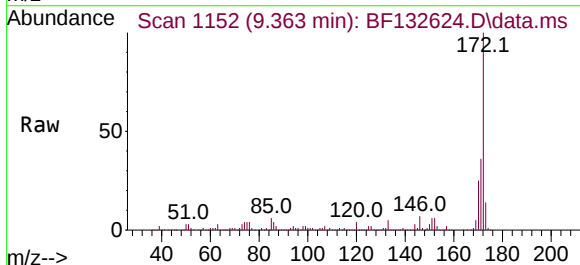


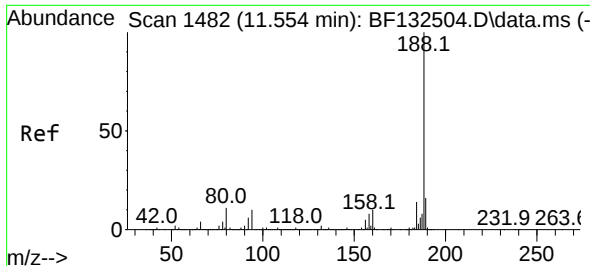
Tgt Ion: 330 Resp: 609899  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.2 114.4  
141 32.8 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 69.864 ng  
RT: 9.363 min Scan# 1152  
Delta R.T. -0.009 min  
Lab File: BF132624.D  
Acq: 03 Mar 2023 12:39

Tgt Ion: 172 Resp: 2143788  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.8 43.2  
170 24.7 19.7 29.5

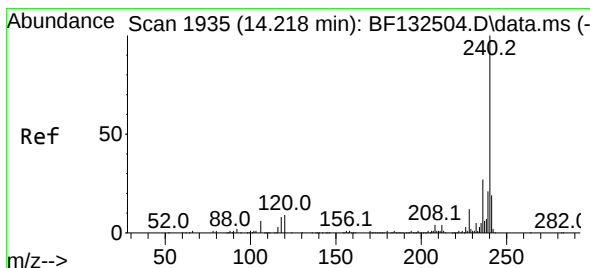
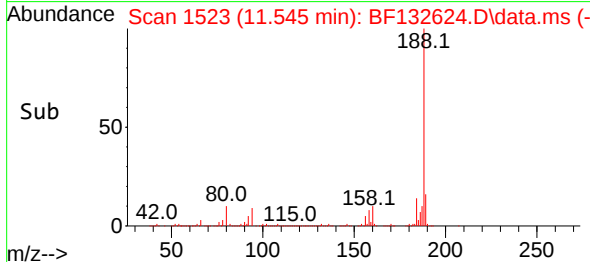
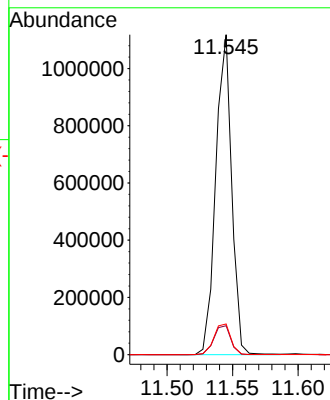
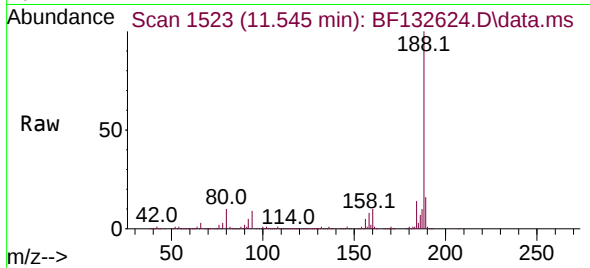




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.545 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BF132624.D  
Acq: 03 Mar 2023 12:39

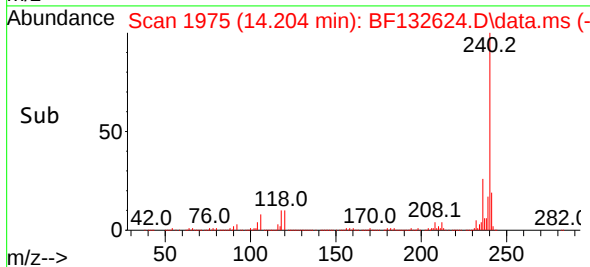
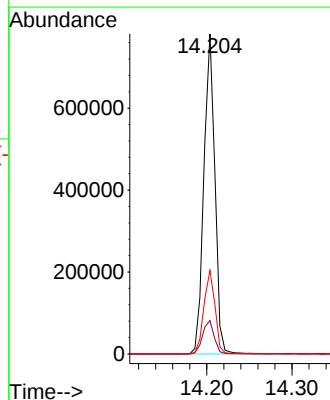
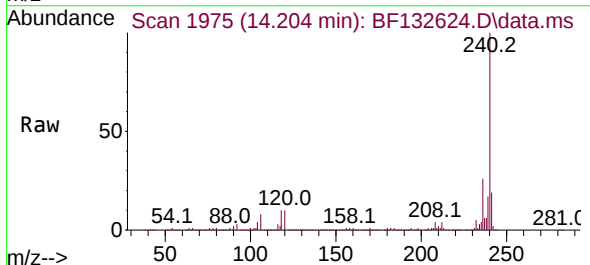
Instrument :  
BNA\_F  
ClientSampleId :  
PB151155BL

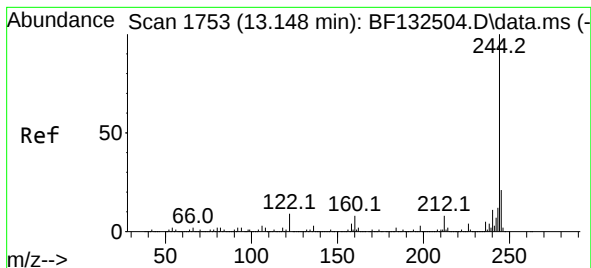
Tgt Ion:188 Resp: 944586  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.3 12.5  
80 9.6 8.7 13.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.204 min Scan# 1975  
Delta R.T. -0.003 min  
Lab File: BF132624.D  
Acq: 03 Mar 2023 12:39

Tgt Ion:240 Resp: 700554  
Ion Ratio Lower Upper  
240 100  
120 10.4 7.2 10.8  
236 26.1 21.8 32.6





#79

Terphenyl-d14

Concen: 71.644 ng

RT: 13.139 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132624.D

Acq: 03 Mar 2023 12:39

Instrument :

BNA\_F

ClientSampleId :

PB151155BL

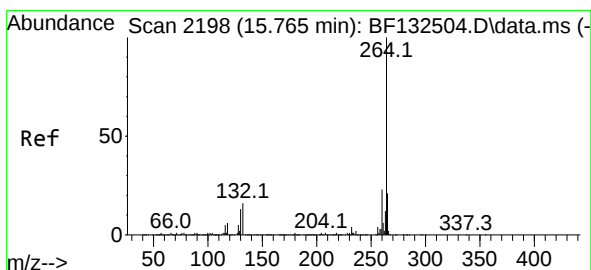
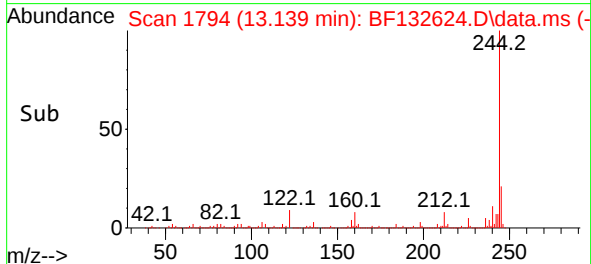
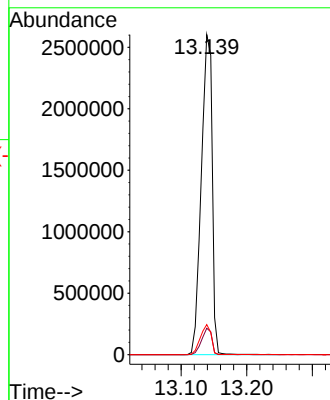
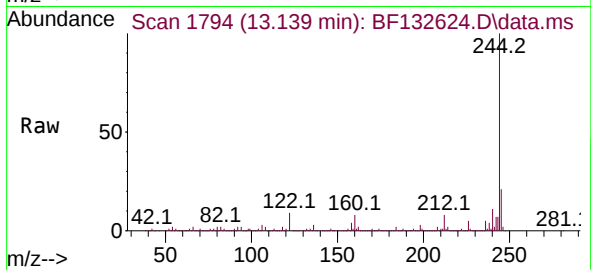
Tgt Ion:244 Resp: 2968552

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

122 9.4 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.757 min Scan# 2239

Delta R.T. 0.003 min

Lab File: BF132624.D

Acq: 03 Mar 2023 12:39

Tgt Ion:264 Resp: 552759

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 22.0 17.1 25.7

