

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092723\  
 Data File : BF135468.D  
 Acq On : 27 Sep 2023 12:32  
 Operator : CG\JU  
 Sample : PB155755TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB155755TB

Quant Time: Sep 28 01:43:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 26 01:36:36 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.751  | 152  | 169231   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.034  | 136  | 654039   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.786  | 164  | 322365   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.280 | 188  | 602037   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.939 | 240  | 345118   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.410 | 264  | 283664   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.398  | 112  | 1324681  | 127.313 | ng    | 0.02     |
| 7) Phenol-d6                | 6.404  | 99   | 1698983  | 128.414 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.322  | 82   | 1077541  | 89.509  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.586 | 330  | 354035   | 110.514 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.116  | 172  | 1738996  | 81.388  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.880 | 244  | 1695644  | 76.164  | ng    | 0.00     |

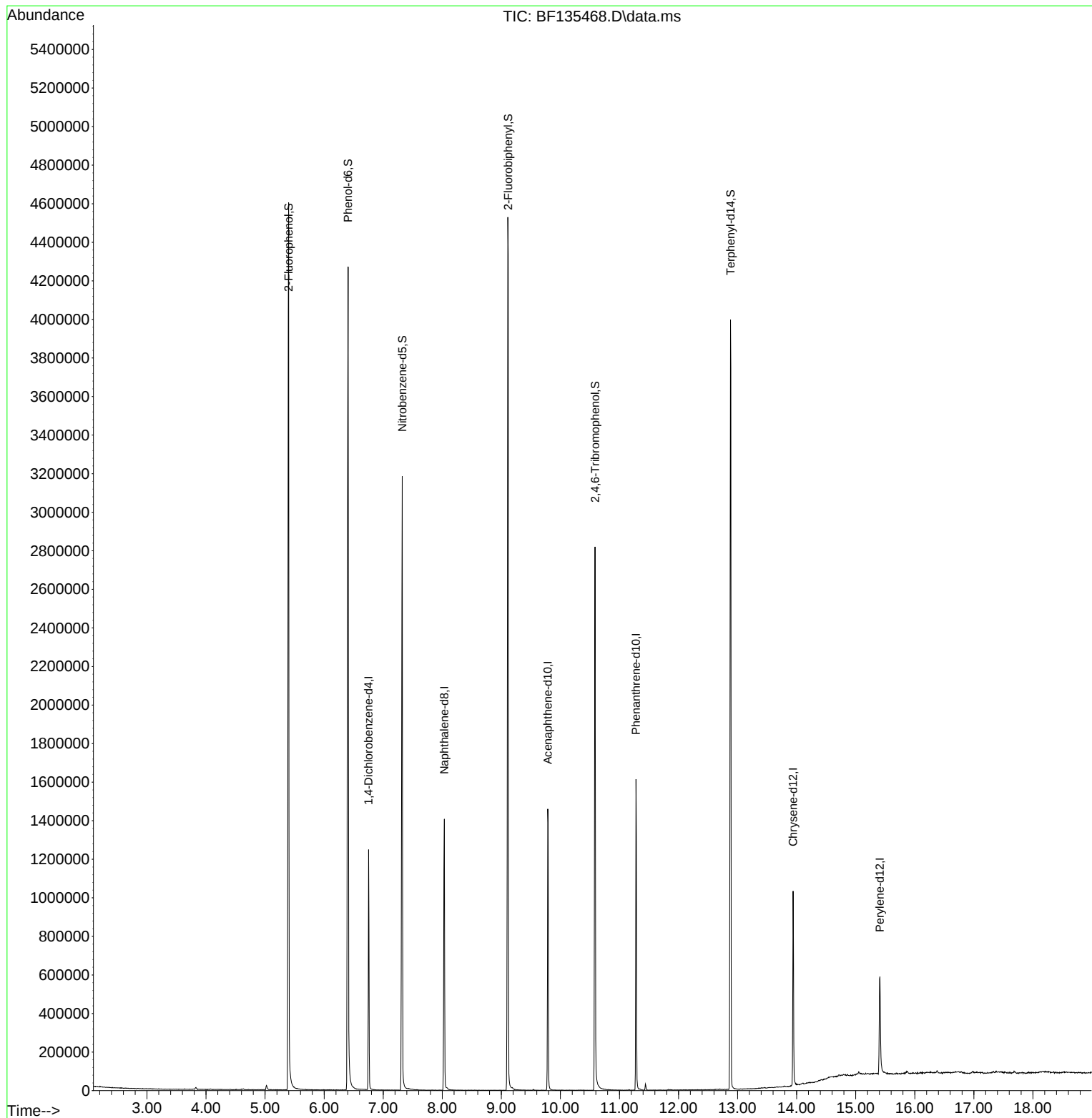
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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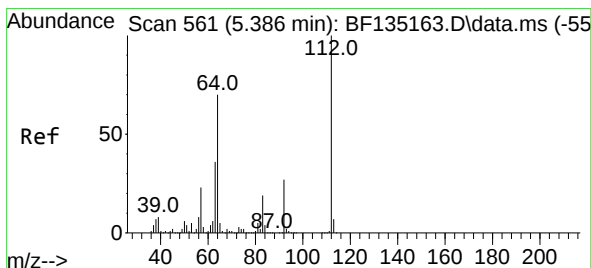
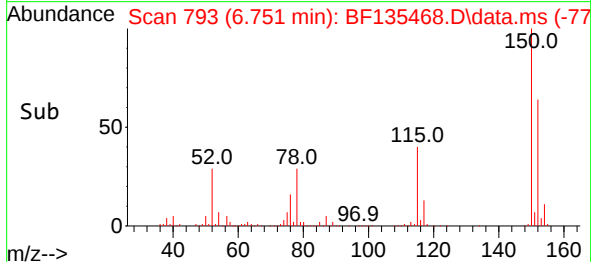
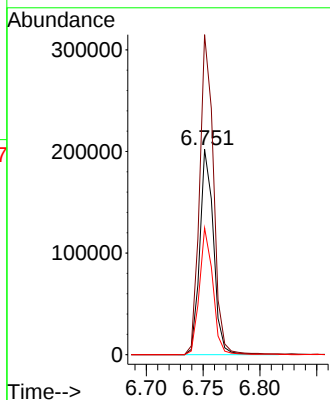
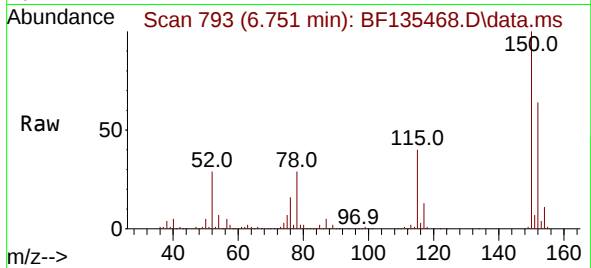




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.751 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BF135468.D  
Acq: 27 Sep 2023 12:32

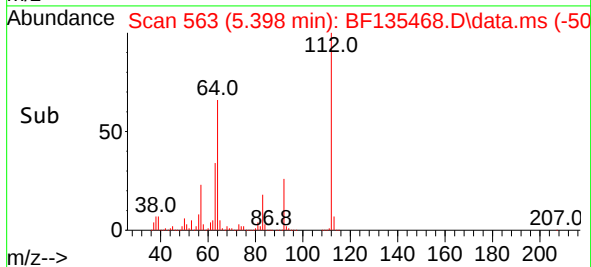
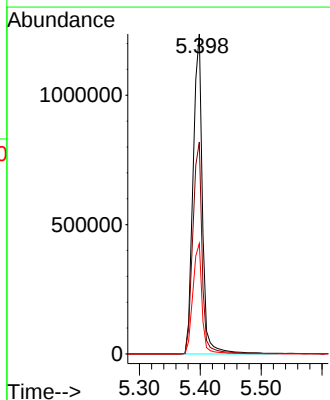
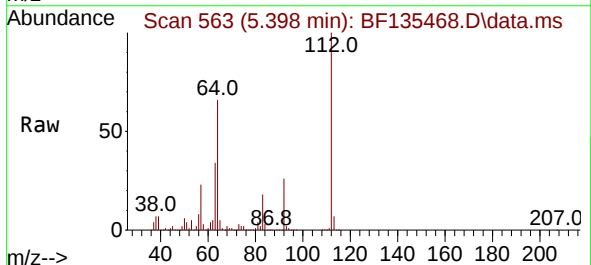
Instrument :  
BNA\_F  
ClientSampleId :  
PB155755TB

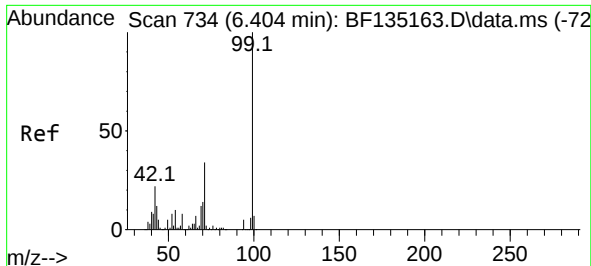
Tgt Ion:152 Resp: 169231  
Ion Ratio Lower Upper  
152 100  
150 155.9 127.8 191.6  
115 61.7 49.8 74.8



#5  
2-Fluorophenol  
Concen: 127.313 ng  
RT: 5.398 min Scan# 563  
Delta R.T. 0.018 min  
Lab File: BF135468.D  
Acq: 27 Sep 2023 12:32

Tgt Ion:112 Resp: 1324681  
Ion Ratio Lower Upper  
112 100  
64 66.3 55.9 83.9  
63 34.5 29.0 43.6



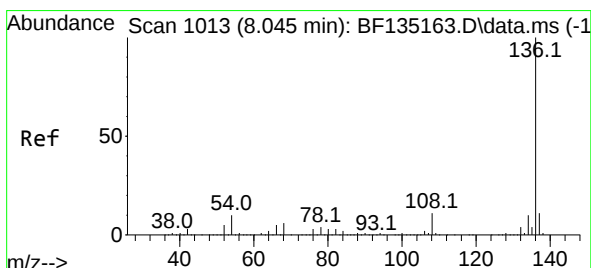
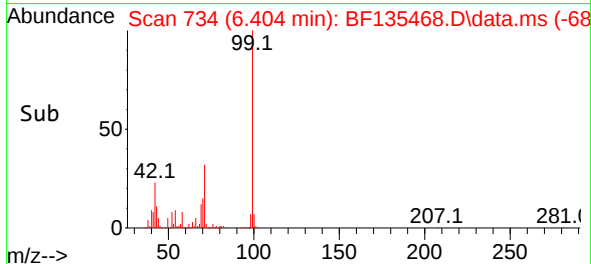
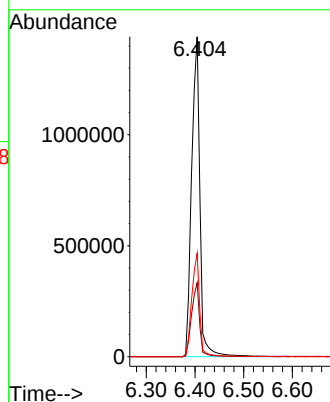
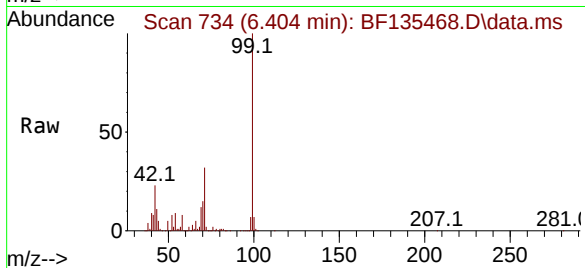


#7  
Phenol-d6  
Concen: 128.414 ng  
RT: 6.404 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF135468.D  
Acq: 27 Sep 2023 12:32

Instrument :  
BNA\_F  
ClientSampleId :  
PB155755TB

Tgt Ion: 99 Resp: 1698983

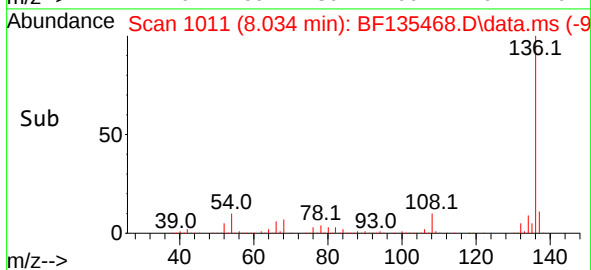
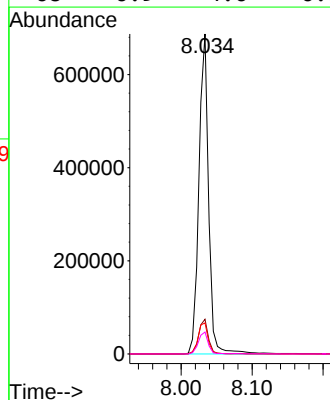
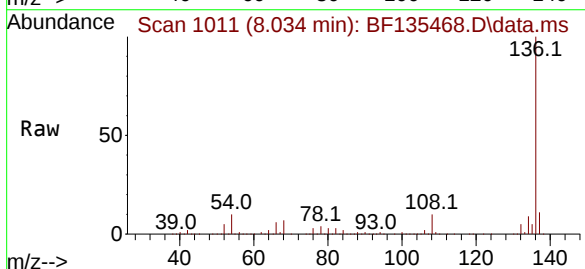
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 23.1  | 17.9  | 26.9  |
| 71  | 32.3  | 27.0  | 40.6  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.034 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: BF135468.D  
Acq: 27 Sep 2023 12:32

Tgt Ion: 136 Resp: 654039

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.8   | 13.2  |
| 54  | 9.7   | 7.7   | 11.5  |
| 68  | 6.9   | 4.6   | 6.8   |





#23

Nitrobenzene-d5

Concen: 89.509 ng

RT: 7.322 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF135468.D

Acq: 27 Sep 2023 12:32

Instrument :

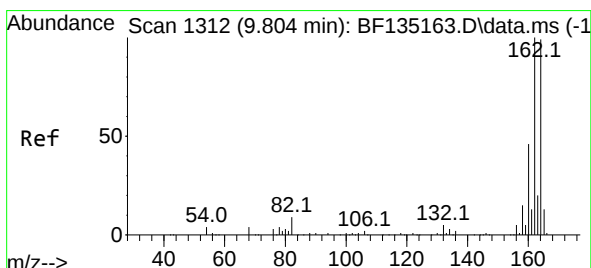
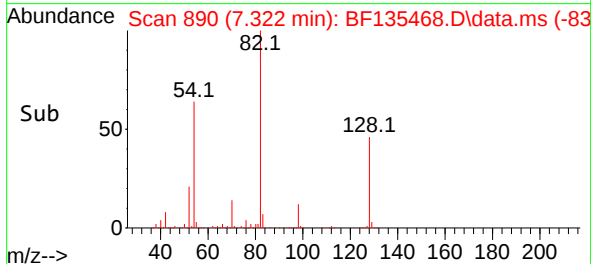
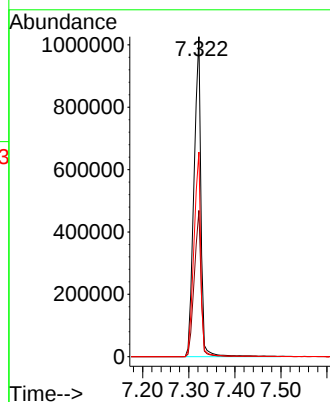
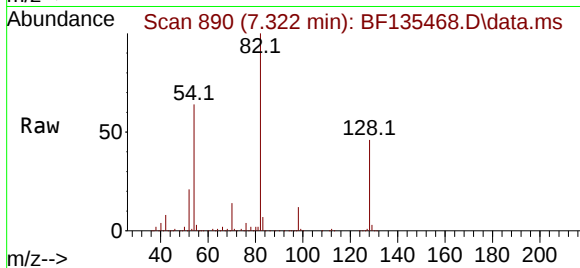
BNA\_F

ClientSampleId :

PB155755TB

Tgt Ion: 82 Resp: 1077541

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.7  | 35.8  | 53.6  |
| 54  | 63.9  | 50.6  | 76.0  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1309

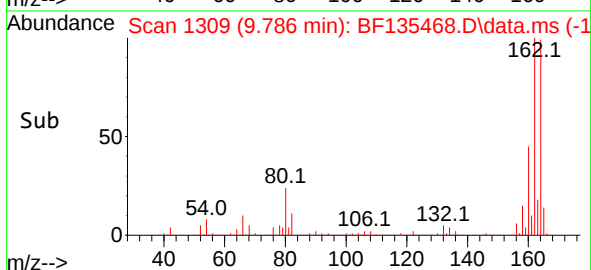
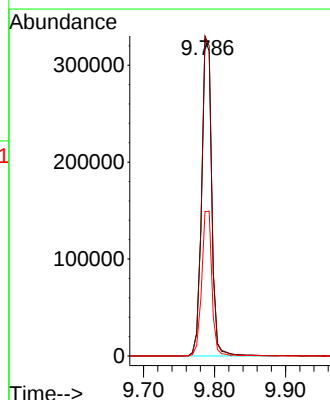
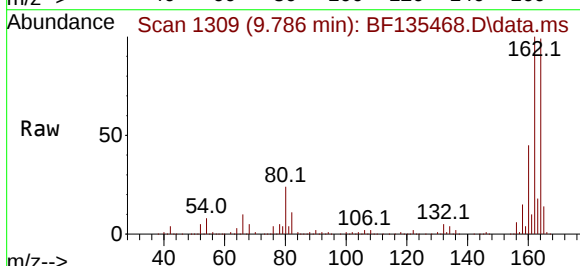
Delta R.T. -0.006 min

Lab File: BF135468.D

Acq: 27 Sep 2023 12:32

Tgt Ion: 164 Resp: 322365

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.1 | 81.0  | 121.4 |
| 160 | 45.6  | 37.0  | 55.4  |

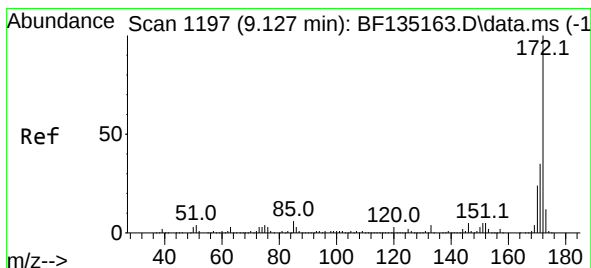
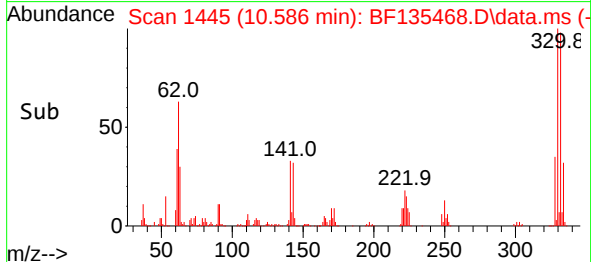
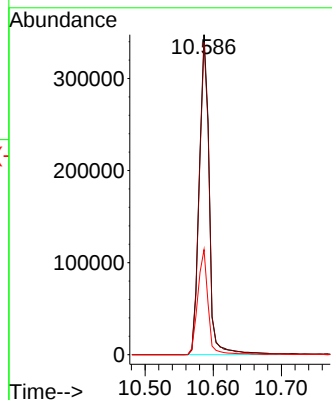
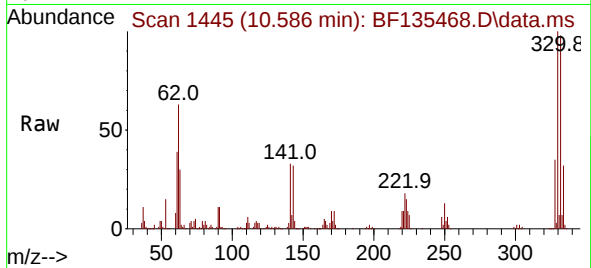




#42  
2,4,6-Tribromophenol  
Concen: 110.514 ng  
RT: 10.586 min Scan# 1445  
Delta R.T. 0.000 min  
Lab File: BF135468.D  
Acq: 27 Sep 2023 12:32

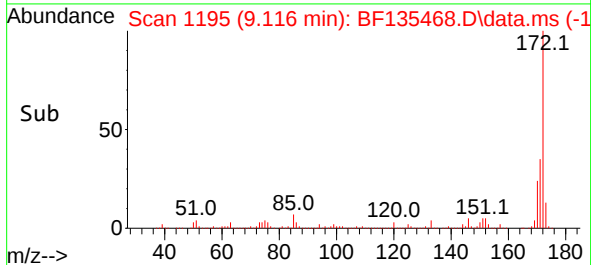
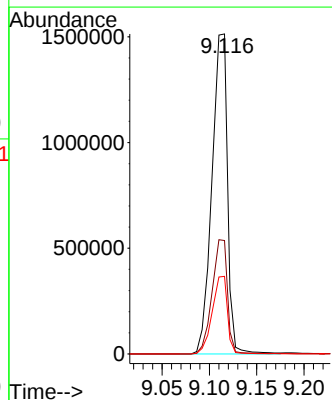
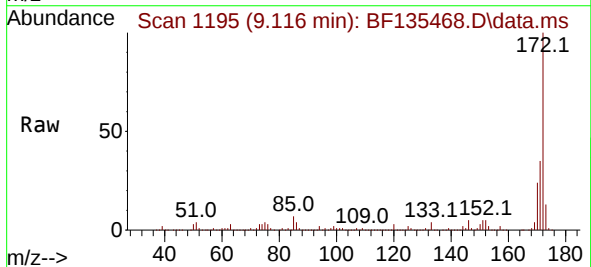
Instrument :  
BNA\_F  
ClientSampleId :  
PB155755TB

Tgt Ion:330 Resp: 354035  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.3 115.9  
141 33.7 25.8 38.8



#45  
2-Fluorobiphenyl  
Concen: 81.388 ng  
RT: 9.116 min Scan# 1195  
Delta R.T. 0.000 min  
Lab File: BF135468.D  
Acq: 27 Sep 2023 12:32

Tgt Ion:172 Resp: 1738996  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.4 42.6  
170 24.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135468.D

Acq: 27 Sep 2023 12:32

Instrument :

BNA\_F

ClientSampleId :

PB155755TB

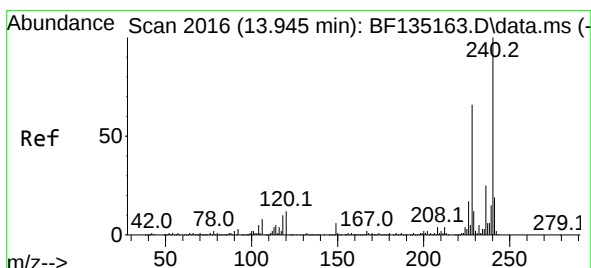
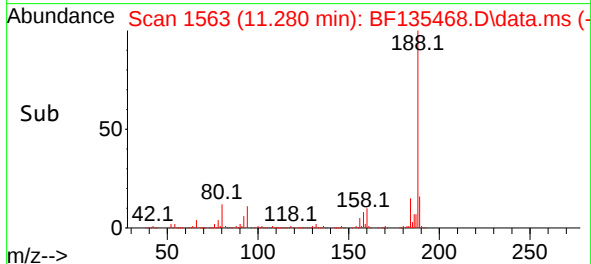
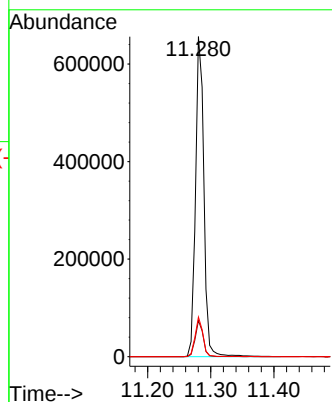
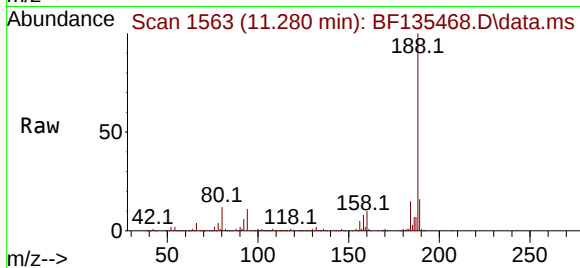
Tgt Ion:188 Resp: 602037

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 12.4 7.5 11.3#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135468.D

Acq: 27 Sep 2023 12:32

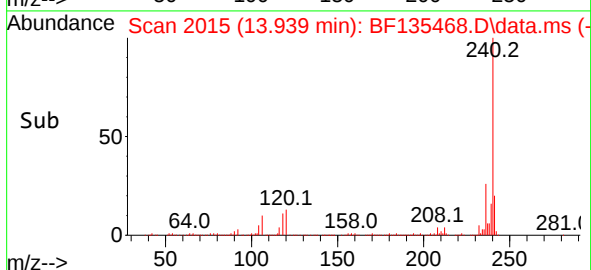
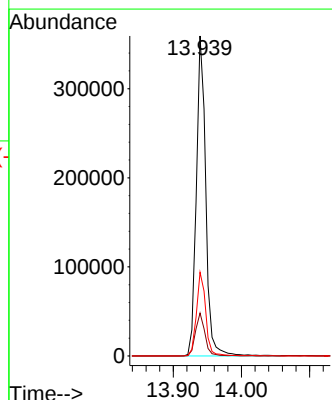
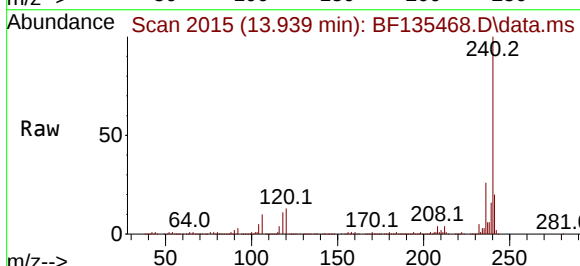
Tgt Ion:240 Resp: 345118

Ion Ratio Lower Upper

240 100

120 13.4 9.4 14.2

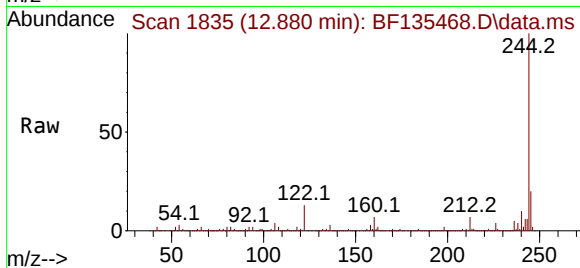
236 26.2 19.8 29.8



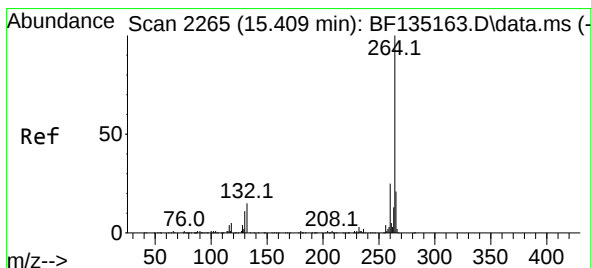
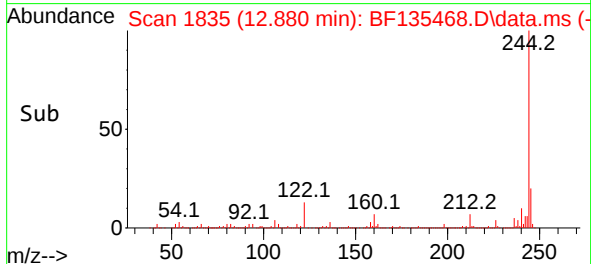
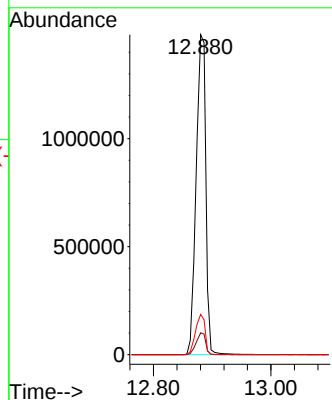


#79  
 Terphenyl-d14  
 Concen: 76.164 ng  
 RT: 12.880 min Scan# 1835  
 Delta R.T. 0.000 min  
 Lab File: BF135468.D  
 Acq: 27 Sep 2023 12:32

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 1695644  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.1 7.7  
 122 12.6 7.9 11.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.410 min Scan# 2265  
 Delta R.T. 0.006 min  
 Lab File: BF135468.D  
 Acq: 27 Sep 2023 12:32

Tgt Ion:264 Resp: 283664  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.8 29.6  
 265 22.3 17.0 25.4

