

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF112423\  
 Data File : BF136199.D  
 Acq On : 25 Nov 2023 02:18  
 Operator : CG\JU  
 Sample : PB157264BL  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB157264BL

Quant Time: Nov 25 04:00:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF110723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 24 23:44:28 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.804  | 152  | 129984   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.080  | 136  | 549468   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.839  | 164  | 283978   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.327 | 188  | 547132   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.974 | 240  | 289220   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.456 | 264  | 273177   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.451  | 112  | 1373358  | 168.230 | ng    | 0.02     |
| 7) Phenol-d6                | 6.445  | 99   | 1674667  | 166.708 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.369  | 82   | 1059534  | 107.605 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.633 | 330  | 523172   | 175.902 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.163  | 172  | 2253366  | 117.295 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.933 | 244  | 2650388  | 130.080 | ng    | 0.00     |

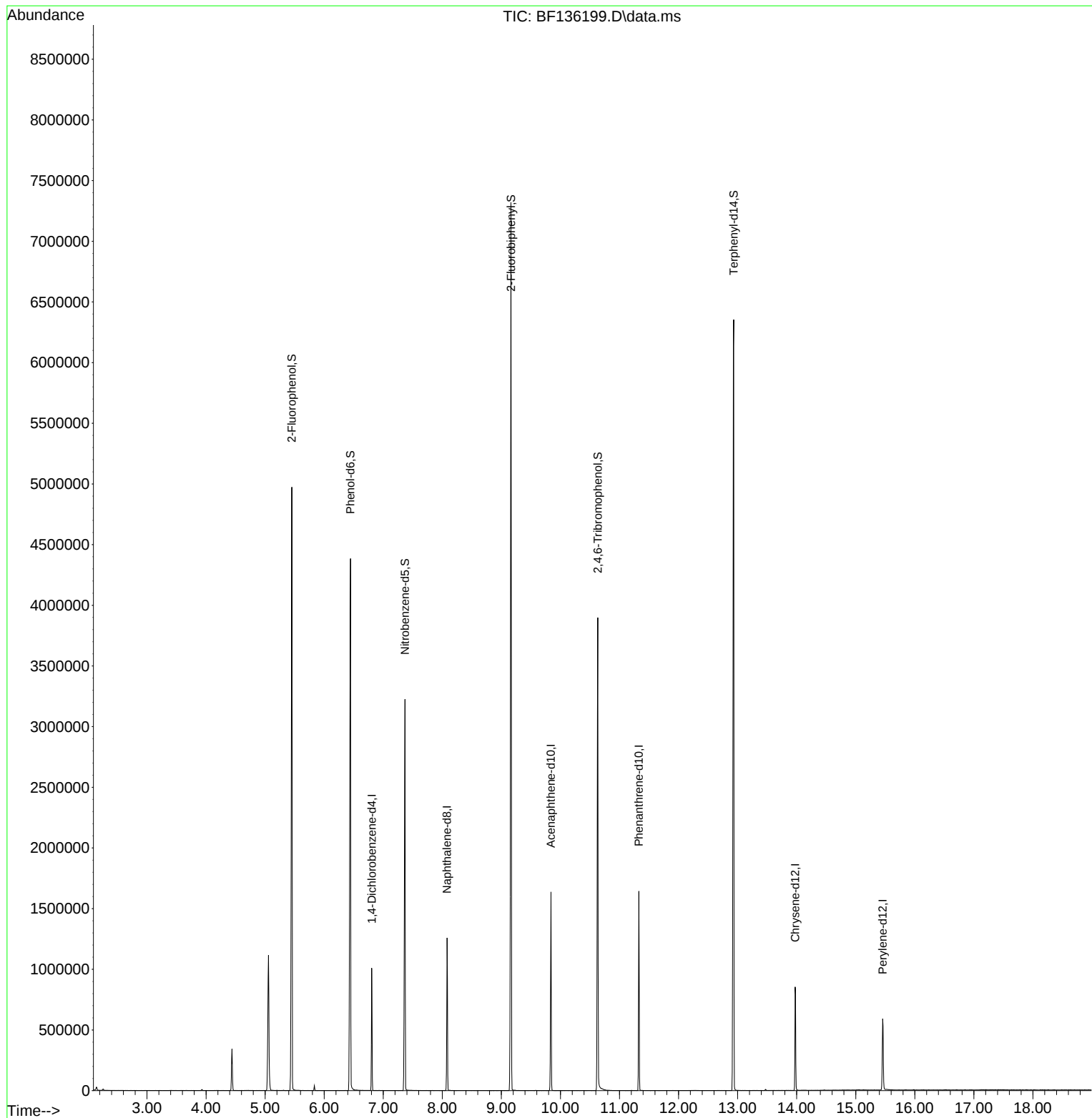
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

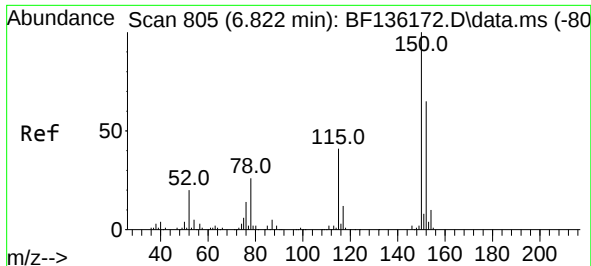
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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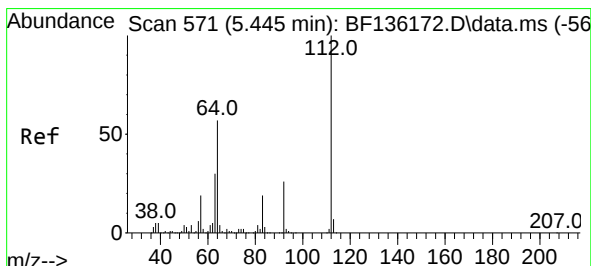
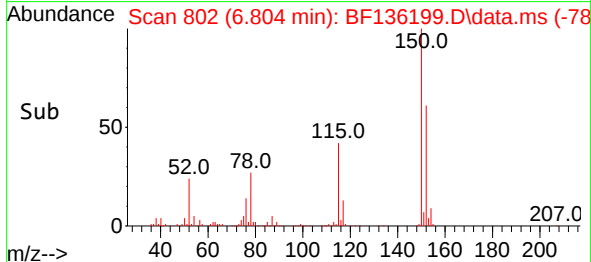
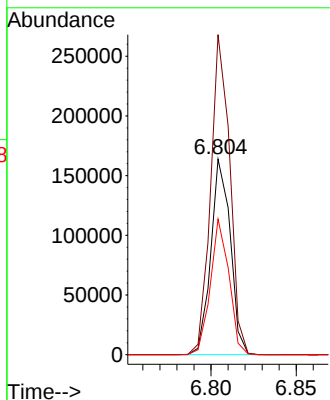
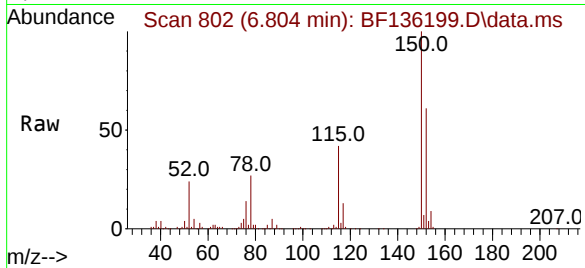




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.804 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BF136199.D  
Acq: 25 Nov 2023 02:18

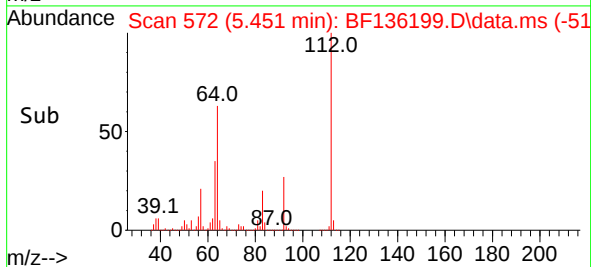
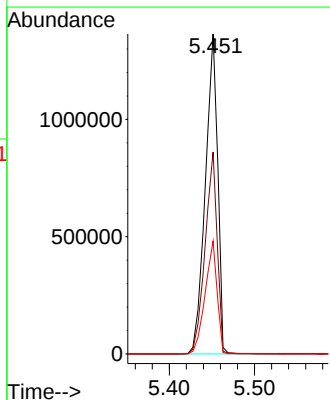
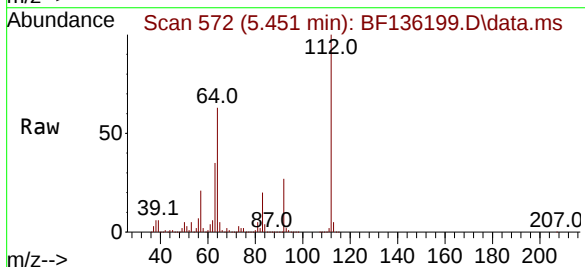
Instrument :  
BNA\_F  
ClientSampleId :  
PB157264BL

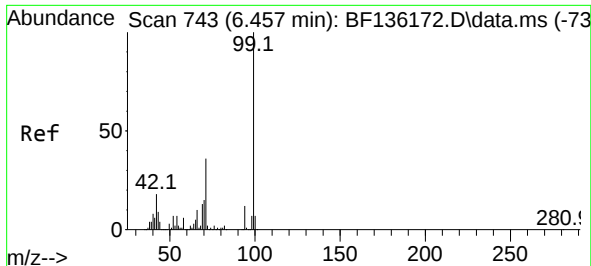
Tgt Ion:152 Resp: 129984  
Ion Ratio Lower Upper  
152 100  
150 163.6 123.1 184.7  
115 69.3 50.5 75.7



#5  
2-Fluorophenol  
Concen: 168.230 ng  
RT: 5.451 min Scan# 572  
Delta R.T. 0.017 min  
Lab File: BF136199.D  
Acq: 25 Nov 2023 02:18

Tgt Ion:112 Resp: 1373358  
Ion Ratio Lower Upper  
112 100  
64 63.1 45.4 68.0  
63 35.3 24.4 36.6

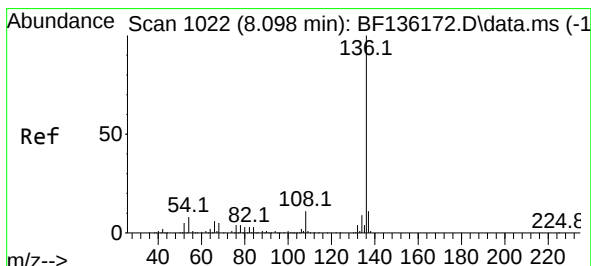
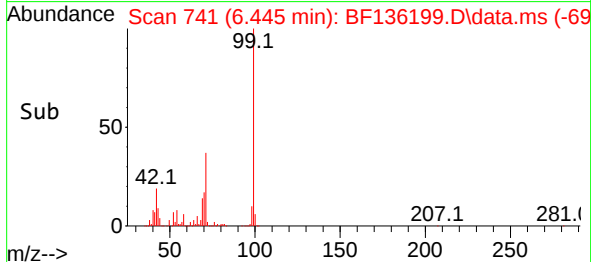
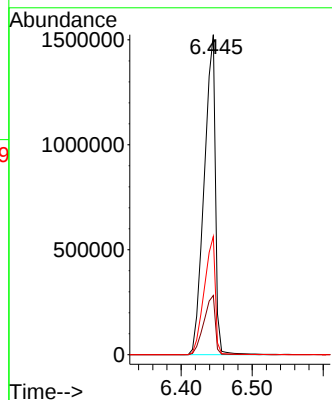
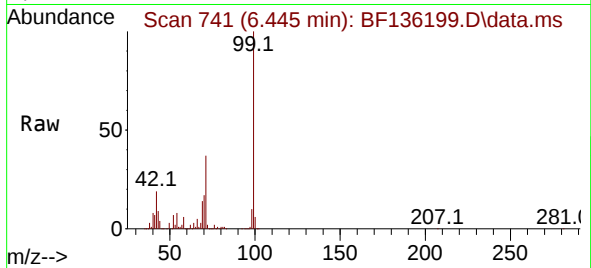




#7  
Phenol-d6  
Concen: 166.708 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF136199.D  
Acq: 25 Nov 2023 02:18

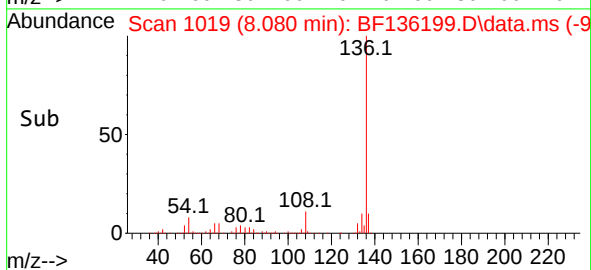
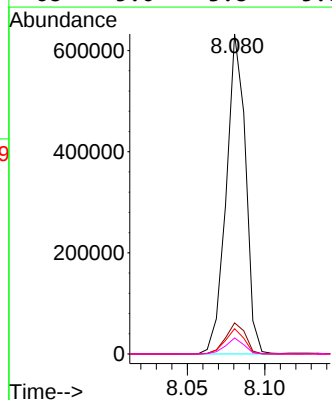
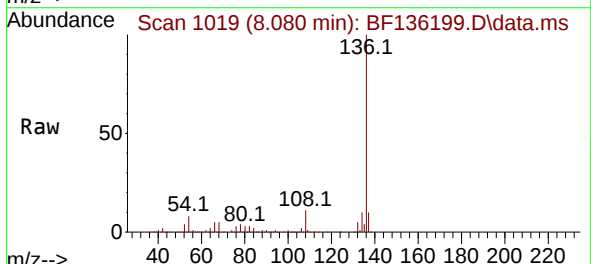
Instrument :  
BNA\_F  
ClientSampleId :  
PB157264BL

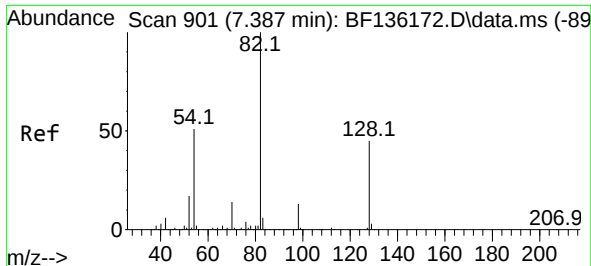
Tgt Ion: 99 Resp: 1674667  
Ion Ratio Lower Upper  
99 100  
42 18.5 14.1 21.1  
71 36.9 29.0 43.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.080 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF136199.D  
Acq: 25 Nov 2023 02:18

Tgt Ion: 136 Resp: 549468  
Ion Ratio Lower Upper  
136 100  
137 9.7 8.6 13.0  
54 7.9 6.3 9.5  
68 5.0 3.8 5.8





#23

Nitrobenzene-d5

Concen: 107.605 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136199.D

Acq: 25 Nov 2023 02:18

Instrument :

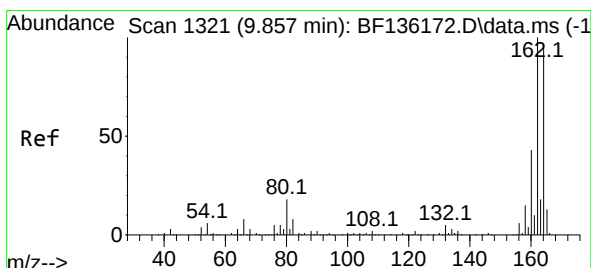
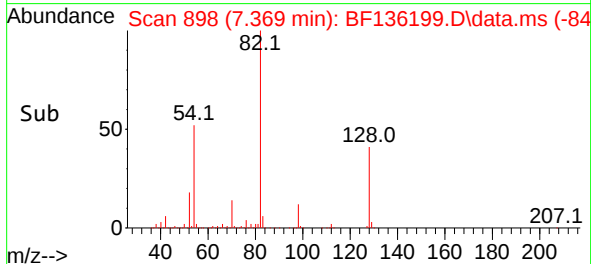
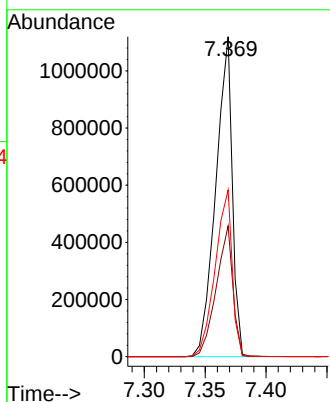
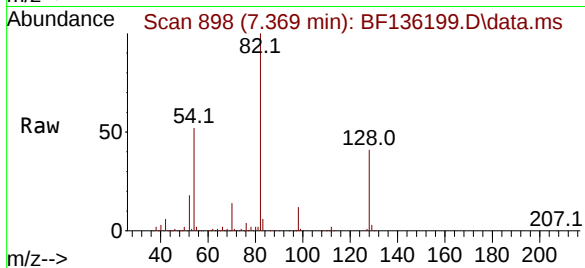
BNA\_F

ClientSampleId :

PB157264BL

Tgt Ion: 82 Resp: 1059534

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.9  | 35.8  | 53.6  |
| 54  | 52.1  | 40.6  | 60.8  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

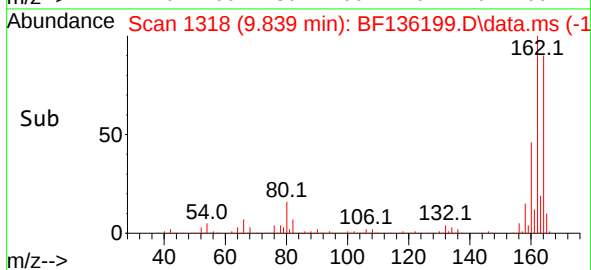
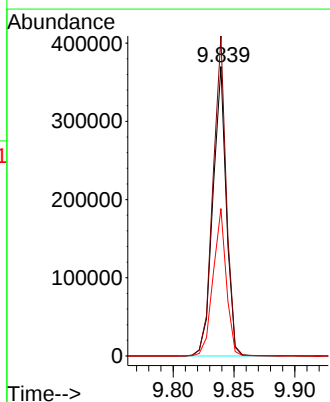
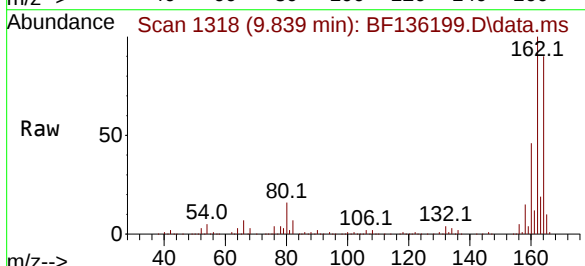
Delta R.T. -0.006 min

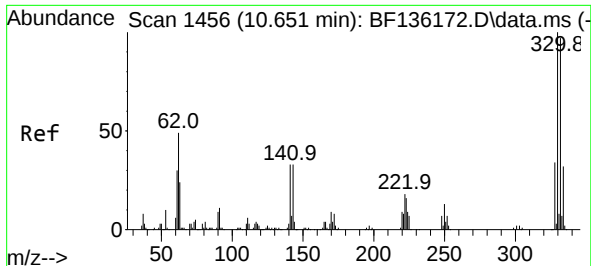
Lab File: BF136199.D

Acq: 25 Nov 2023 02:18

Tgt Ion: 164 Resp: 283978

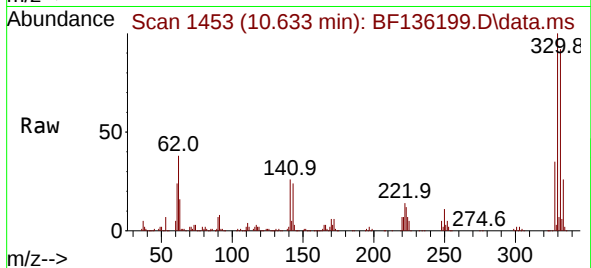
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 110.5 | 83.2  | 124.8 |
| 160 | 50.9  | 35.8  | 53.8  |



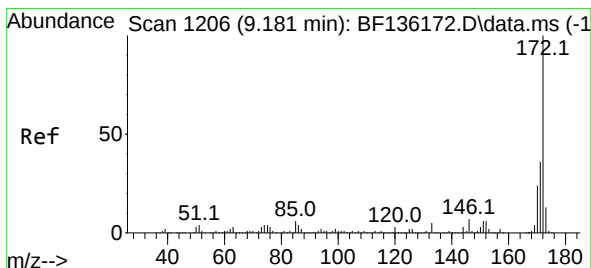
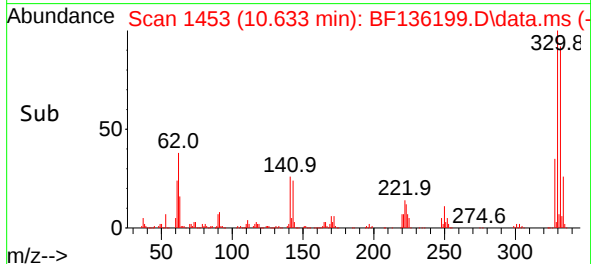
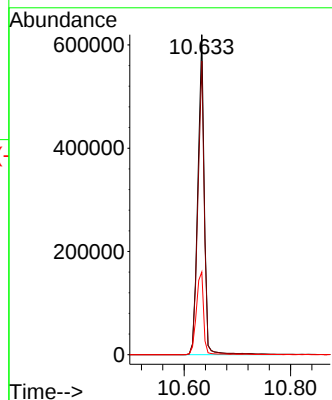


#42  
2,4,6-Tribromophenol  
Concen: 175.902 ng  
RT: 10.633 min Scan# 1456  
Delta R.T. -0.006 min  
Lab File: BF136199.D  
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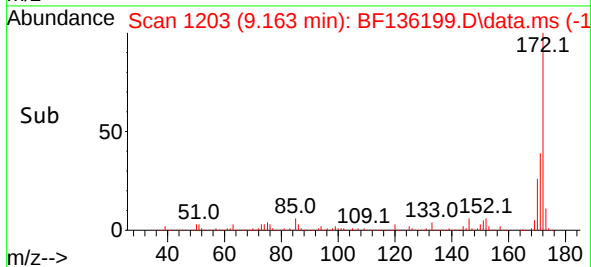
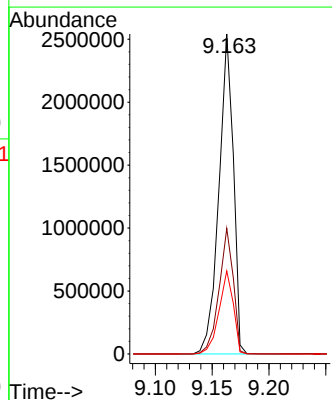
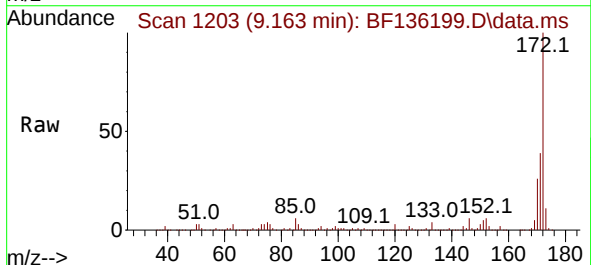


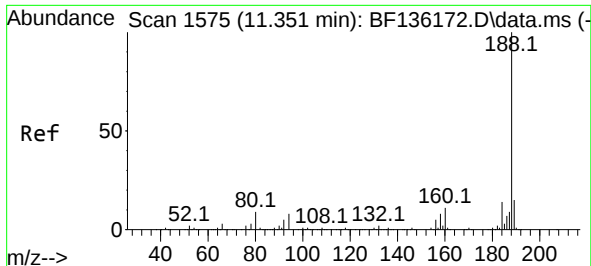
Tgt Ion:330 Resp: 523172  
Ion Ratio Lower Upper  
330 100  
332 92.7 77.6 116.4  
141 29.1 25.8 38.6



#45  
2-Fluorobiphenyl  
Concen: 117.295 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. -0.006 min  
Lab File: BF136199.D  
Acq: 25 Nov 2023 02:18

Tgt Ion:172 Resp: 2253366  
Ion Ratio Lower Upper  
172 100  
171 39.2 28.9 43.3  
170 26.0 19.1 28.7

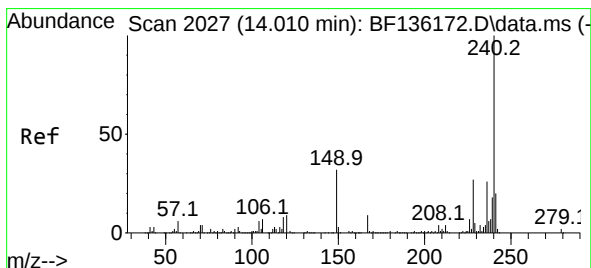
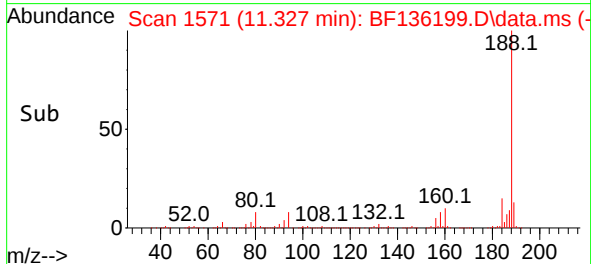
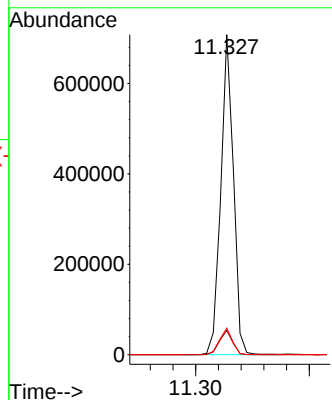
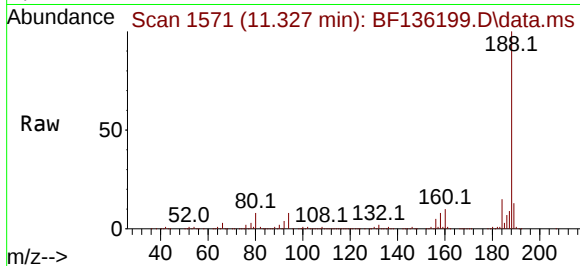




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.327 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF136199.D  
Acq: 25 Nov 2023 02:18

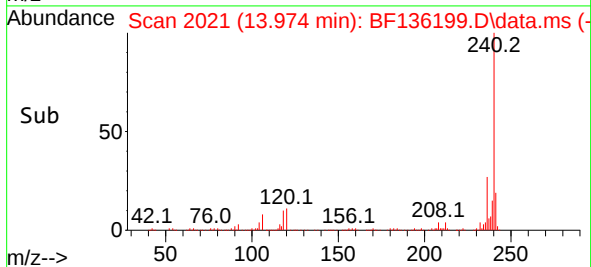
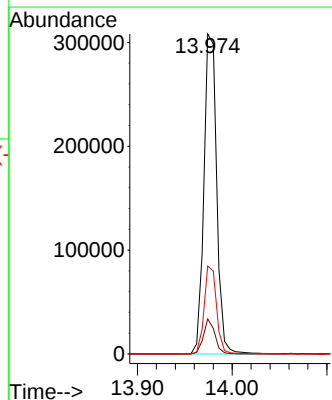
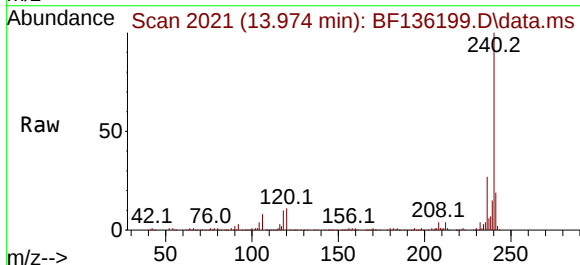
Instrument :  
BNA\_F  
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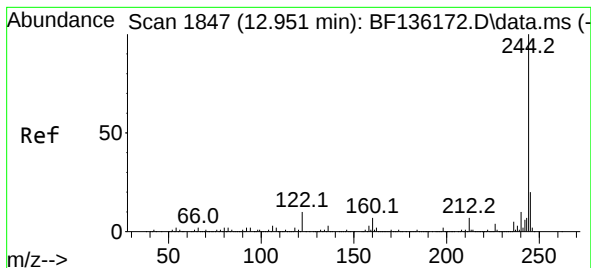
Tgt Ion:188 Resp: 547132  
Ion Ratio Lower Upper  
188 100  
94 7.6 6.6 9.8  
80 8.3 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.974 min Scan# 2021  
Delta R.T. -0.012 min  
Lab File: BF136199.D  
Acq: 25 Nov 2023 02:18

Tgt Ion:240 Resp: 289220  
Ion Ratio Lower Upper  
240 100  
120 10.9 7.1 10.7#  
236 27.5 20.9 31.3





#79

Terphenyl-d14

Concen: 130.080 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF136199.D

Acq: 25 Nov 2023 02:18

Instrument :

BNA\_F

ClientSampleId :

PB157264BL

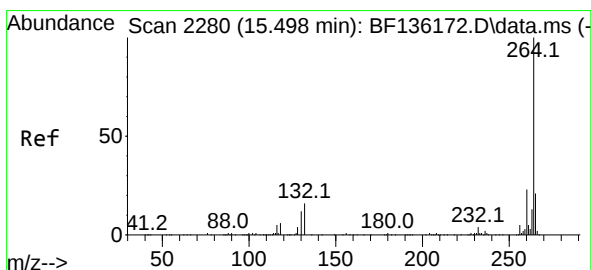
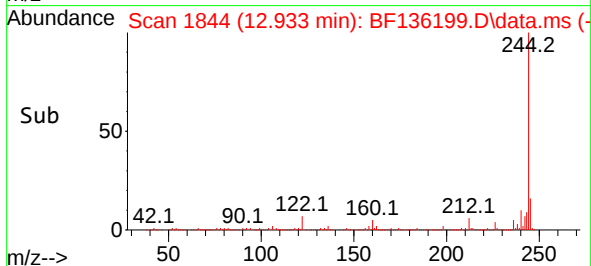
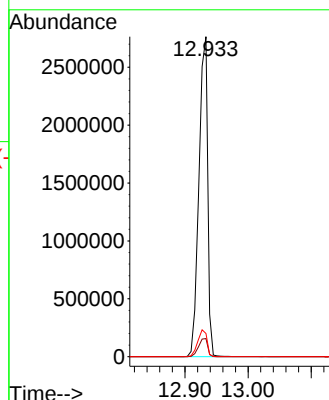
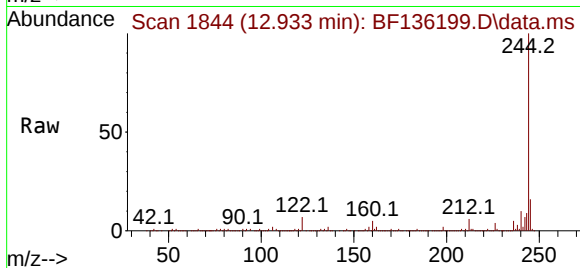
Tgt Ion:244 Resp: 2650388

Ion Ratio Lower Upper

244 100

212 5.6 5.4 8.0

122 7.2 8.1 12.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2273

Delta R.T. -0.012 min

Lab File: BF136199.D

Acq: 25 Nov 2023 02:18

Tgt Ion:264 Resp: 273177

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 20.3 16.9 25.3

