

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101323\  
 Data File : BF135759.D  
 Acq On : 13 Oct 2023 18:39  
 Operator : CG\JU  
 Sample : 04844-09  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-603-COMP-07

Quant Time: Oct 13 19:02:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 13 17:12:59 2023  
 Response via : Initial Calibration

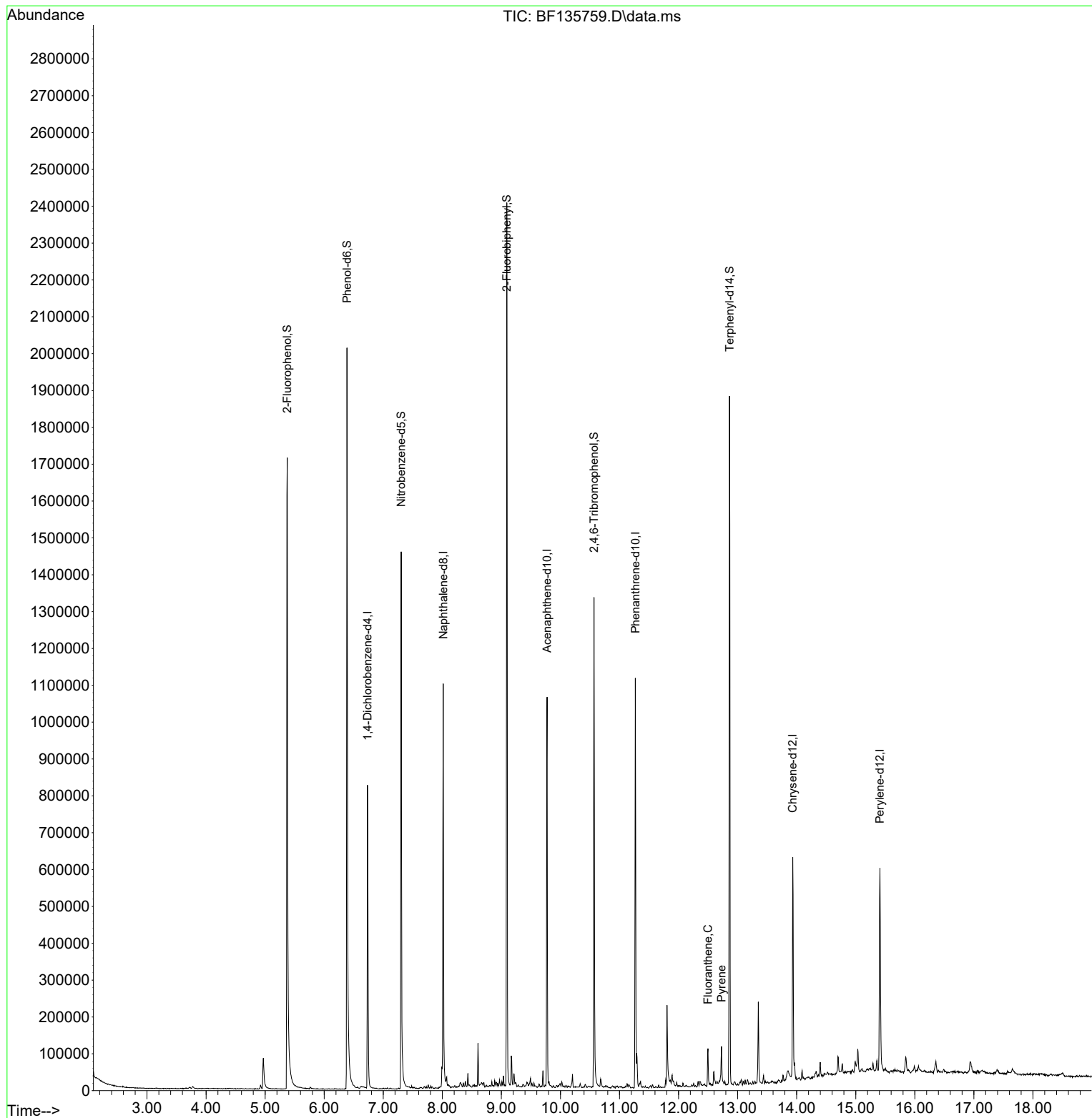
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.734  | 152  | 122721   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.016  | 136  | 462540   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 206265   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.269 | 188  | 389626   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.933 | 240  | 205374   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.409 | 264  | 254951   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 576294   | 75.500 | ng    | 0.00     |
| 7) Phenol-d6                | 6.387  | 99   | 682647   | 71.677 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.304  | 82   | 418694   | 49.786 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 150170   | 75.871 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.092  | 172  | 704971   | 53.438 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.863 | 244  | 657809   | 59.316 | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene            | 12.498 | 202  | 44476    | 2.147  | ng    | 97       |
| 78) Pyrene                  | 12.727 | 202  | 42635    | 2.612  | ng    | 98       |
| -----                       |        |      |          |        |       |          |

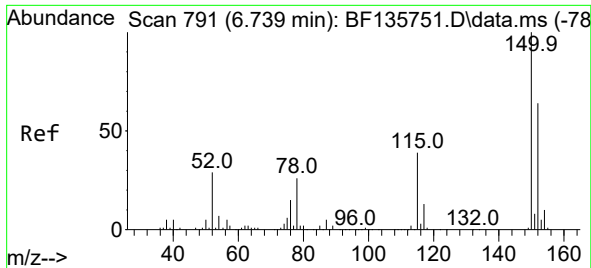
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101323\  
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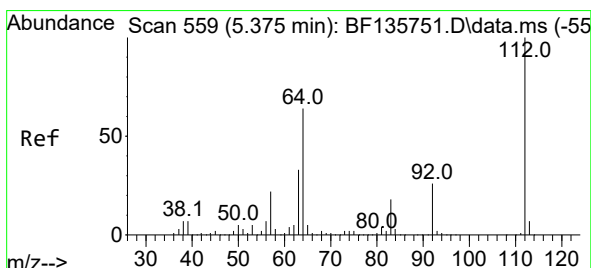
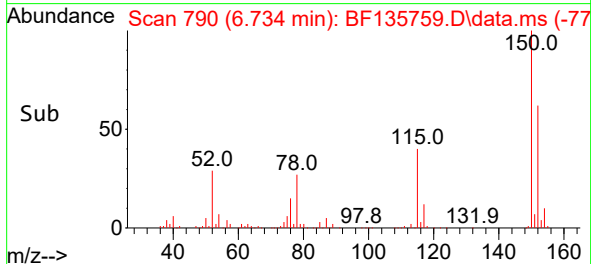
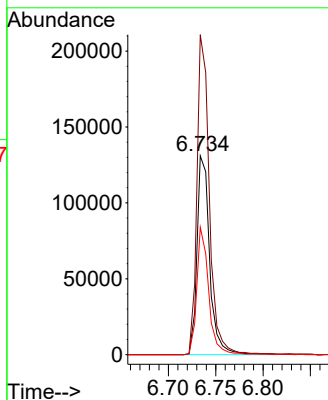
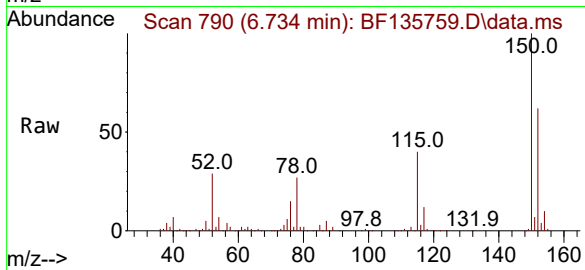




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.734 min Scan# 791  
 Delta R.T. -0.005 min  
 Lab File: BF135759.D  
 Acq: 13 Oct 2023 18:39

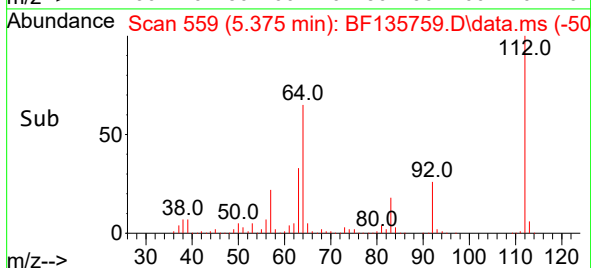
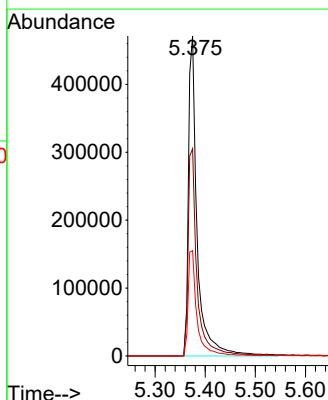
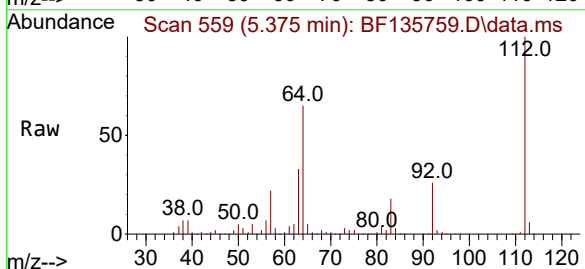
Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-603-COMP-07

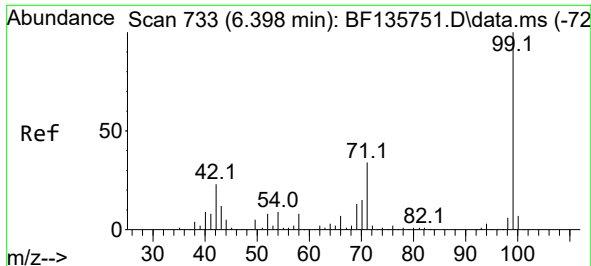
Tgt Ion:152 Resp: 122721  
 Ion Ratio Lower Upper  
 152 100  
 150 160.9 124.5 186.7  
 115 64.2 49.0 73.4



#5  
 2-Fluorophenol  
 Concen: 75.500 ng  
 RT: 5.375 min Scan# 559  
 Delta R.T. 0.000 min  
 Lab File: BF135759.D  
 Acq: 13 Oct 2023 18:39

Tgt Ion:112 Resp: 576294  
 Ion Ratio Lower Upper  
 112 100  
 64 64.7 51.2 76.8  
 63 32.9 26.1 39.1

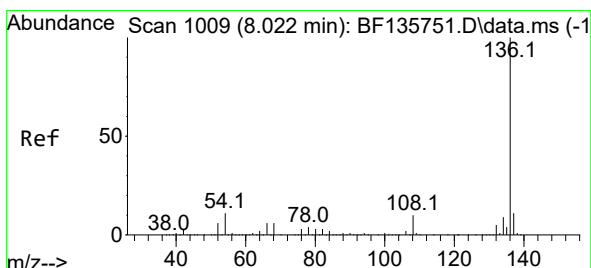
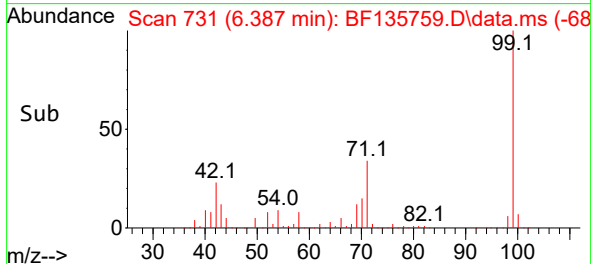
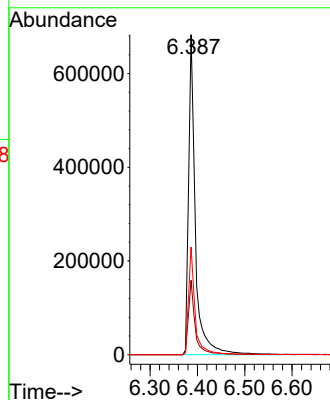
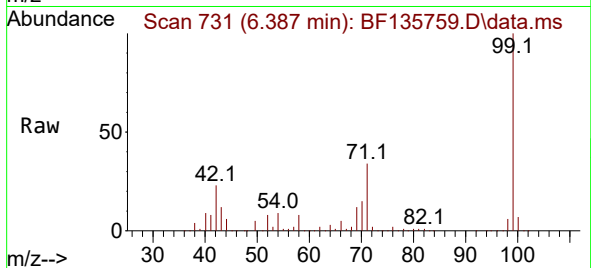




#7  
Phenol-d6  
Concen: 71.677 ng  
RT: 6.387 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF135759.D  
Acq: 13 Oct 2023 18:39

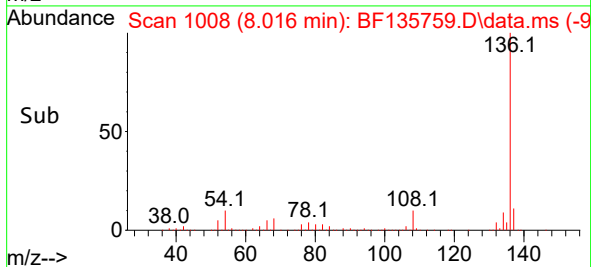
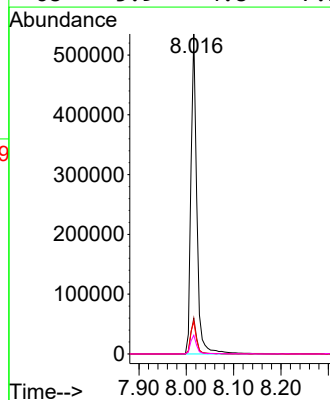
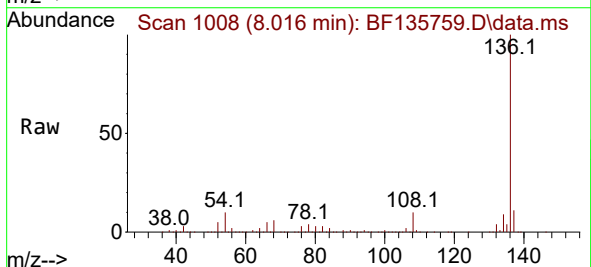
Instrument :  
BNA\_F  
ClientSampleId :  
OR-603-COMP-07

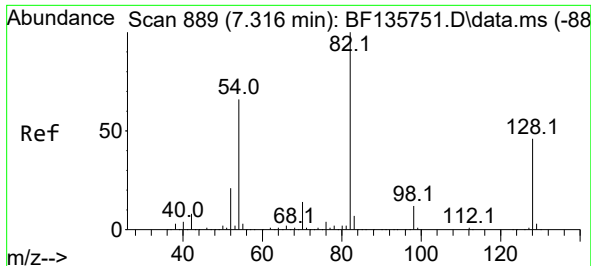
Tgt Ion: 99 Resp: 682647  
Ion Ratio Lower Upper  
99 100  
42 23.3 18.4 27.6  
71 33.7 27.2 40.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BF135759.D  
Acq: 13 Oct 2023 18:39

Tgt Ion: 136 Resp: 462540  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 12.8  
54 10.0 8.5 12.7  
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 49.786 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

Instrument :

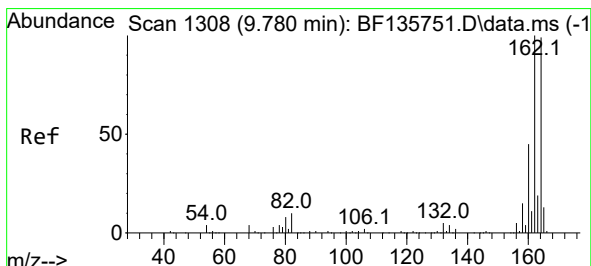
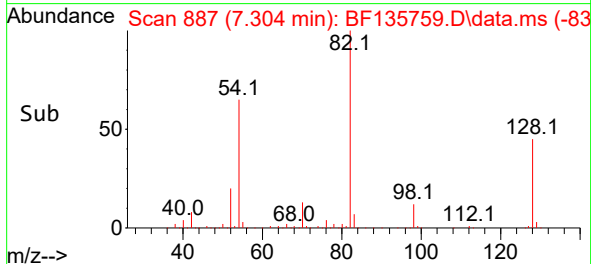
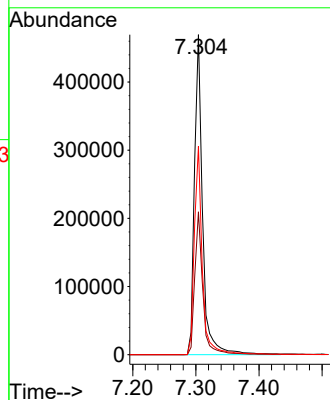
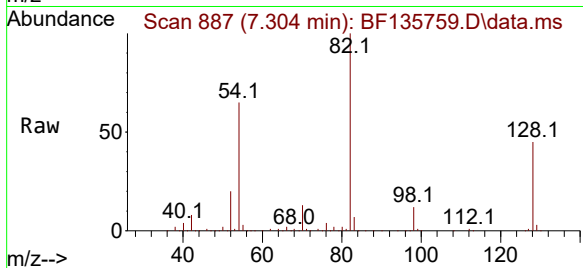
BNA\_F

ClientSampleId :

OR-603-COMP-07

Tgt Ion: 82 Resp: 418694

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.7  | 37.0  | 55.6  |
| 54  | 65.1  | 52.8  | 79.2  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.775 min Scan# 1307

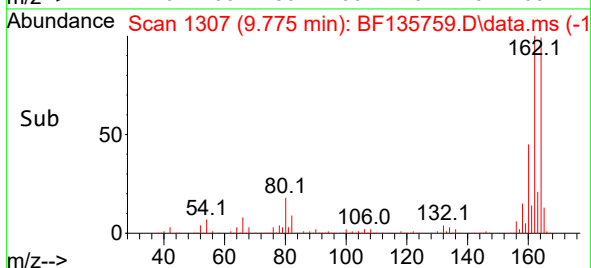
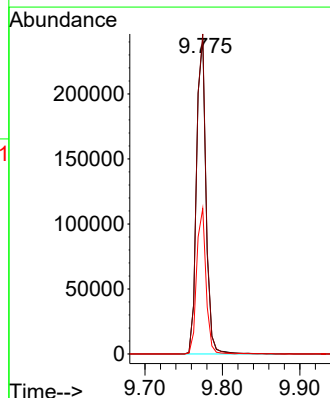
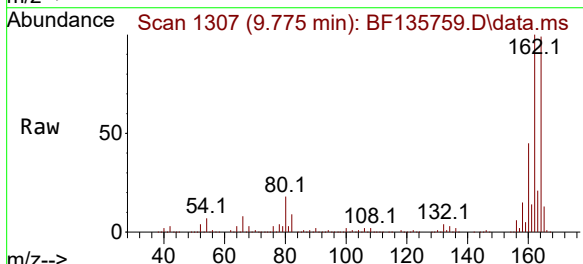
Delta R.T. -0.006 min

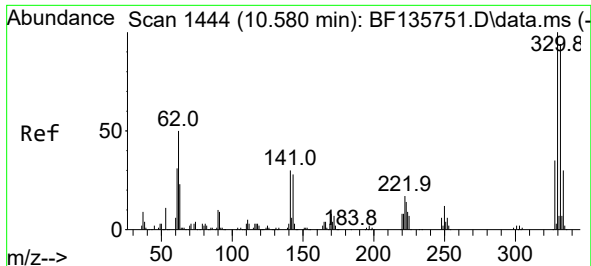
Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

Tgt Ion: 164 Resp: 206265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.4 | 80.8  | 121.2 |
| 160 | 46.1  | 36.6  | 54.8  |





#42

2,4,6-Tribromophenol

Concen: 75.871 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF135759.D

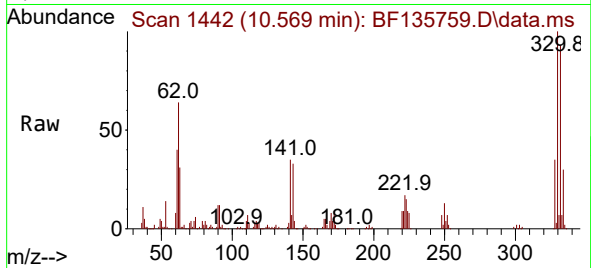
Acq: 13 Oct 2023 18:39

Instrument :

BNA\_F

ClientSampleId :

OR-603-COMP-07



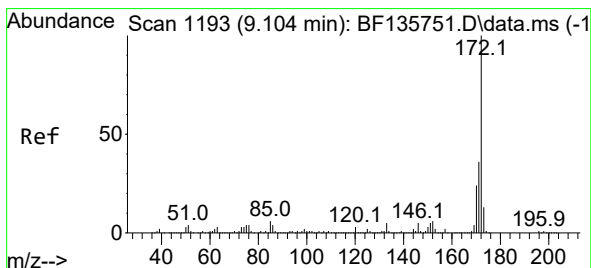
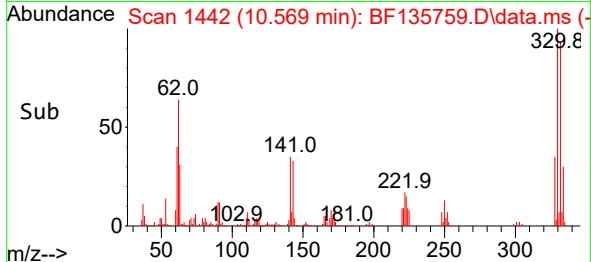
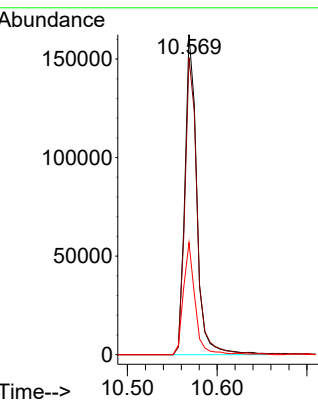
Tgt Ion:330 Resp: 150170

Ion Ratio Lower Upper

330 100

332 96.3 75.0 112.4

141 34.6 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 53.438 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

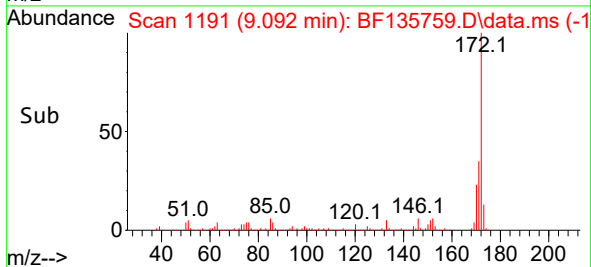
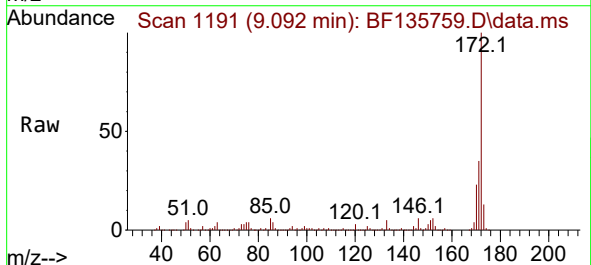
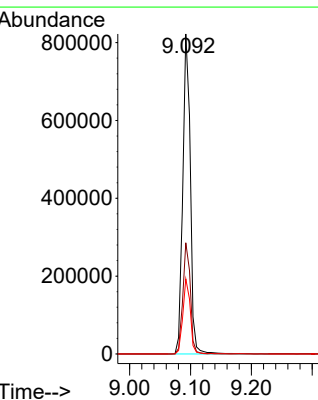
Tgt Ion:172 Resp: 704971

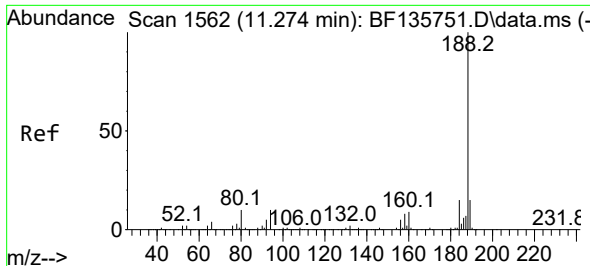
Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 23.4 18.8 28.2

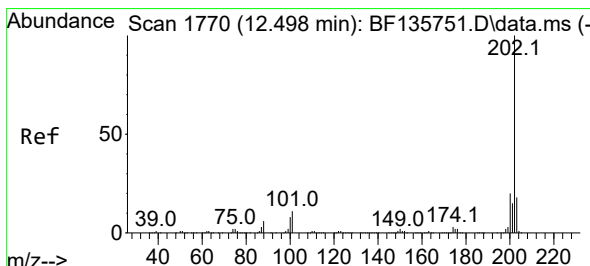
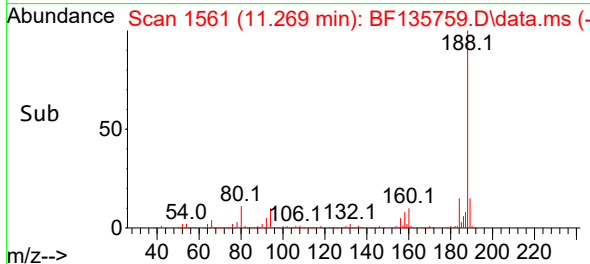
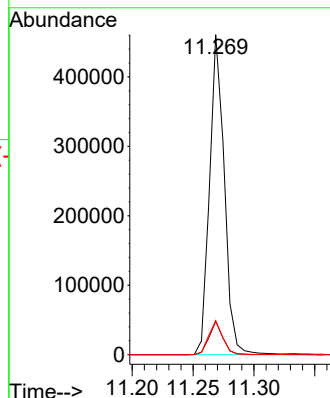
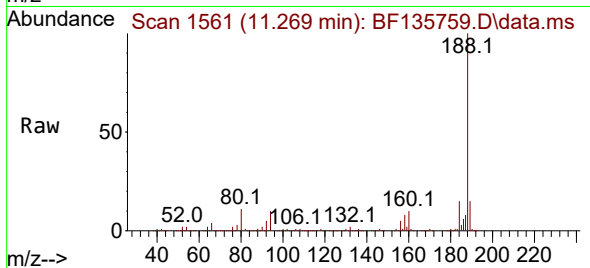




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.269 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135759.D  
Acq: 13 Oct 2023 18:39

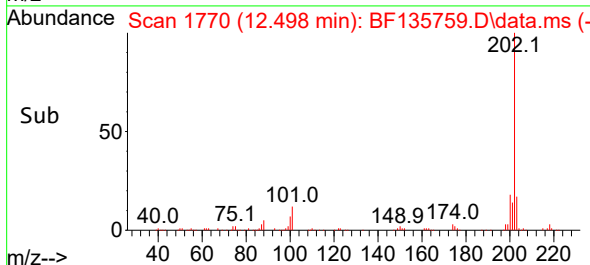
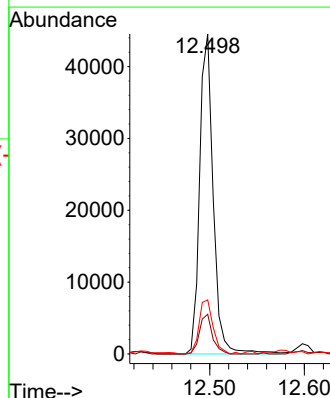
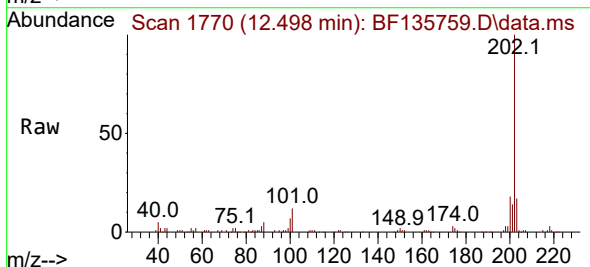
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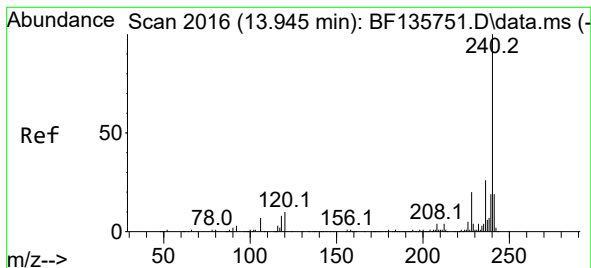
Tgt Ion:188 Resp: 389626  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.0 12.0  
80 10.6 8.3 12.5



#75  
Fluoranthene  
Concen: 2.147 ng  
RT: 12.498 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: BF135759.D  
Acq: 13 Oct 2023 18:39

Tgt Ion:202 Resp: 44476  
Ion Ratio Lower Upper  
202 100  
101 12.4 0.0 31.5  
203 16.9 0.0 38.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

Instrument :

BNA\_F

ClientSampleId :

OR-603-COMP-07

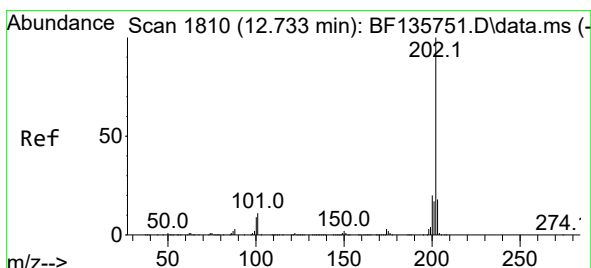
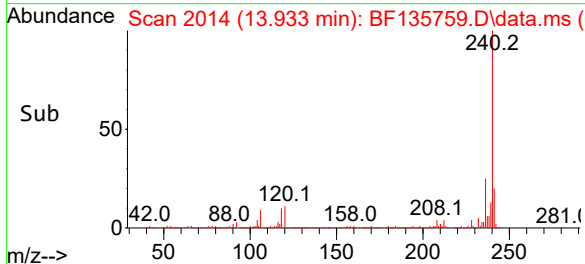
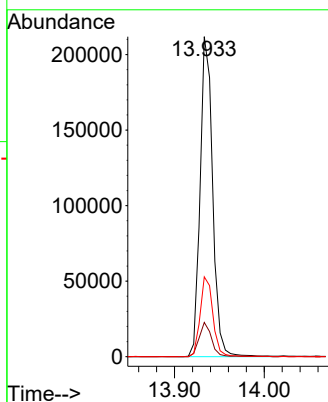
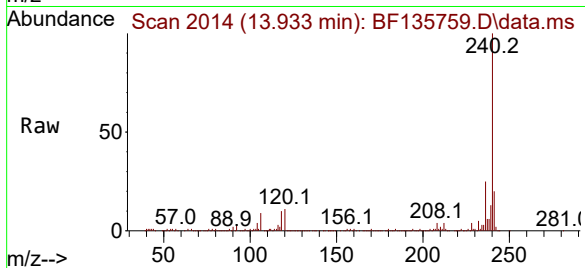
Tgt Ion:240 Resp: 205374

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.2

236 24.9 21.2 31.8



#78

Pyrene

Concen: 2.612 ng

RT: 12.727 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF135759.D

Acq: 13 Oct 2023 18:39

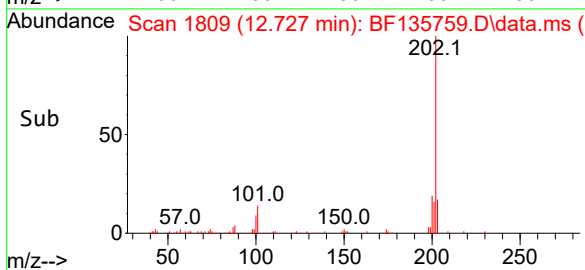
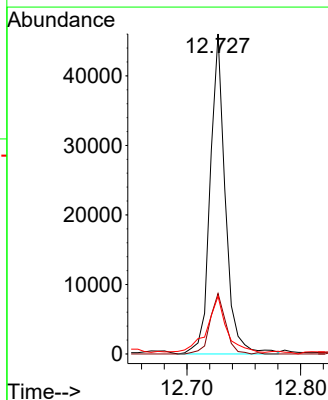
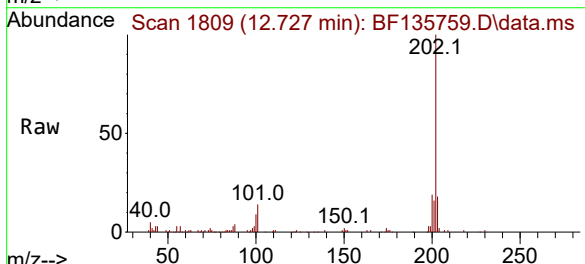
Tgt Ion:202 Resp: 42635

Ion Ratio Lower Upper

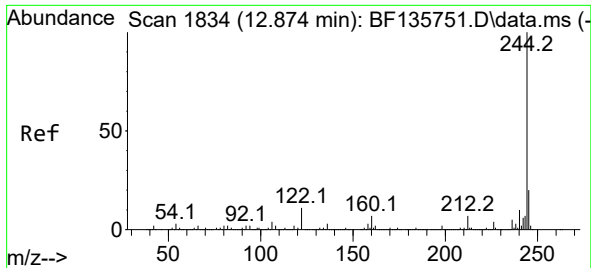
202 100

200 18.9 16.1 24.1

203 18.0 14.2 21.2



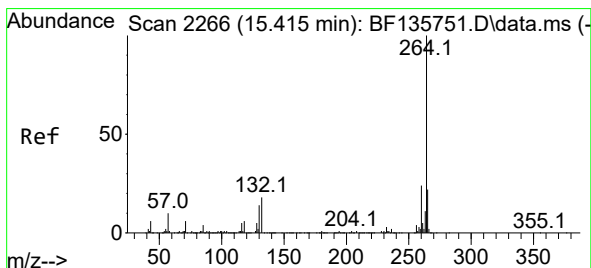
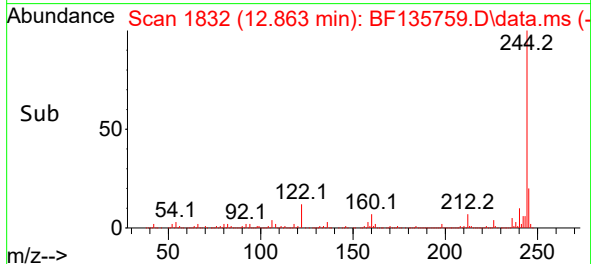
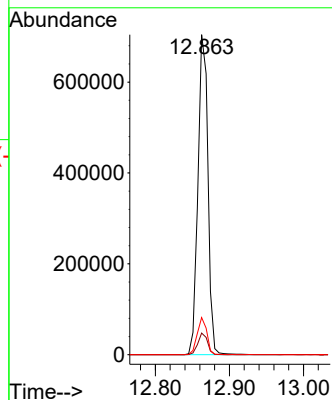
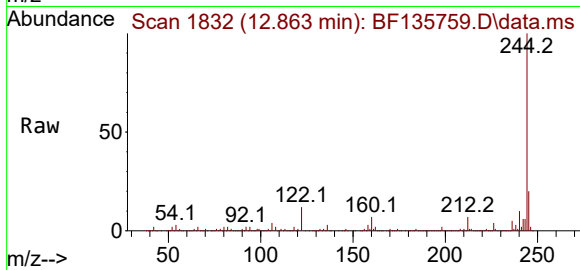




#79  
 Terphenyl-d14  
 Concen: 59.316 ng  
 RT: 12.863 min Scan# 1832  
 Delta R.T. -0.012 min  
 Lab File: BF135759.D  
 Acq: 13 Oct 2023 18:39

Instrument :  
 BNA\_F  
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Tgt Ion:244 Resp: 657809  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 11.6 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.409 min Scan# 2265  
 Delta R.T. -0.006 min  
 Lab File: BF135759.D  
 Acq: 13 Oct 2023 18:39

Tgt Ion:264 Resp: 254951  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.2 28.8  
 265 21.8 17.4 26.2

