

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090123\  
 Data File : BF135072.D  
 Acq On : 01 Sep 2023 12:59  
 Operator : CG\JU  
 Sample : 04203-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1(12-12.5)

Quant Time: Sep 01 13:45:29 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 03:48:08 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.769  | 152  | 87000    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.051  | 136  | 336890   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.804  | 164  | 155664   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.298 | 188  | 239081   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 13.951 | 240  | 192570   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.421 | 264  | 205690   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.398  | 112  | 467317   | 82.968 | ng    | 0.00     |
| 7) Phenol-d6                | 6.410  | 99   | 571312   | 81.378 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.333  | 82   | 342845   | 57.174 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.598 | 330  | 127520   | 77.225 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.127  | 172  | 578943   | 60.552 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.898 | 244  | 461605   | 39.118 | ng    | 0.00     |

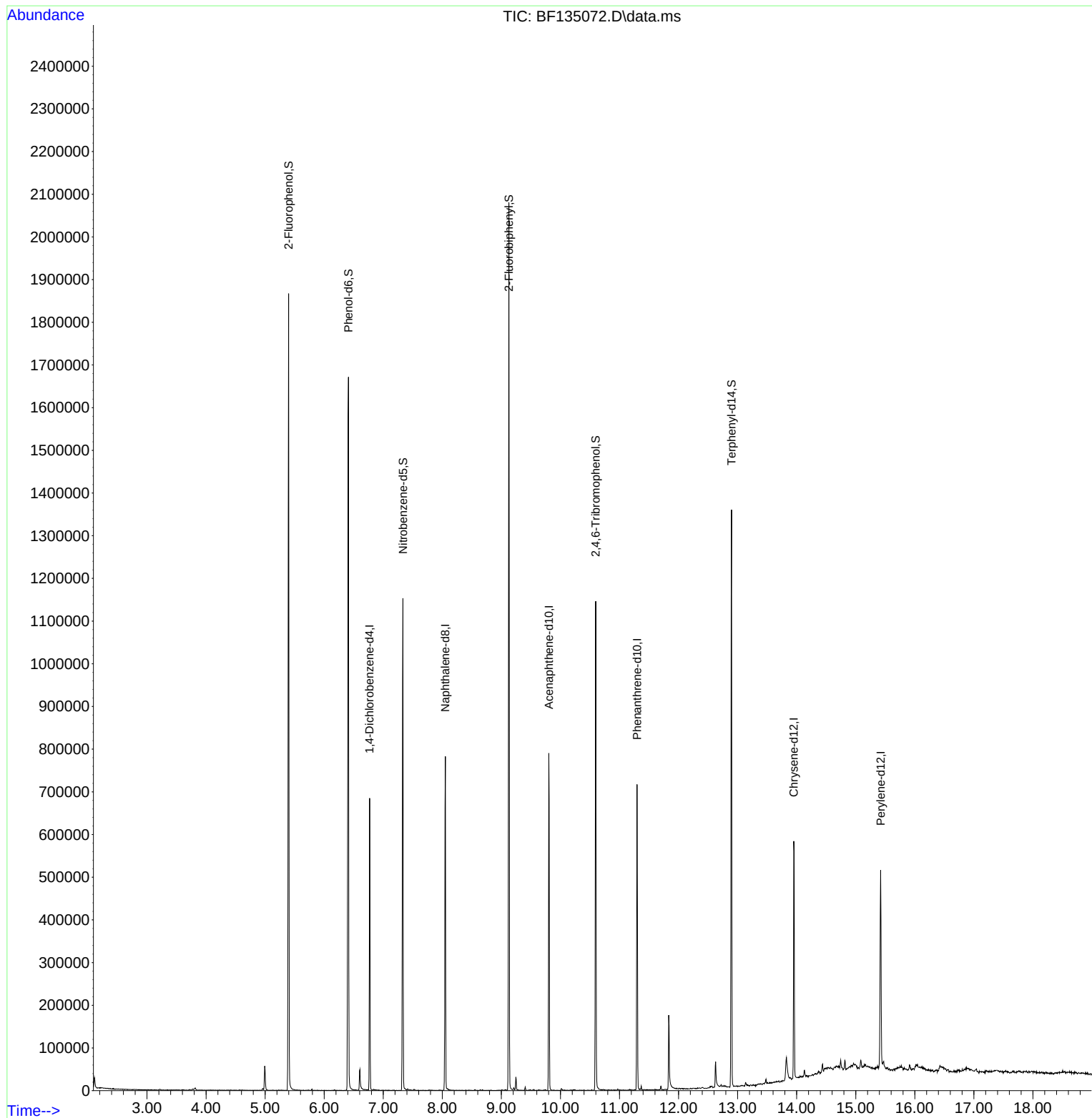
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

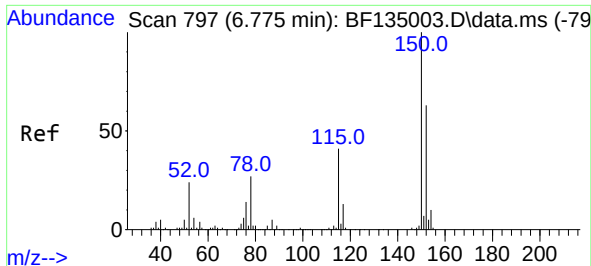
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-1(12-12.5)

Quant Time: Sep 01 13:45:29 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 31 03:48:08 2023  
Response via : Initial Calibration

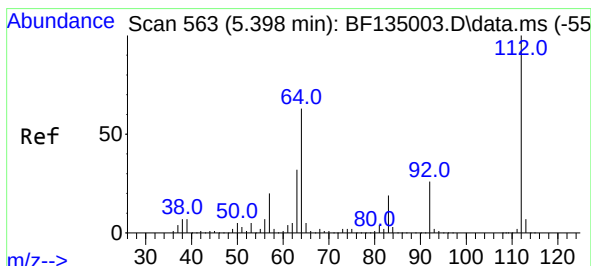
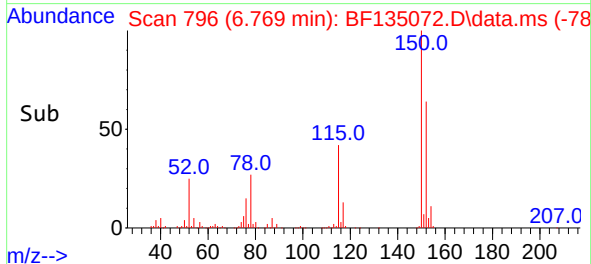
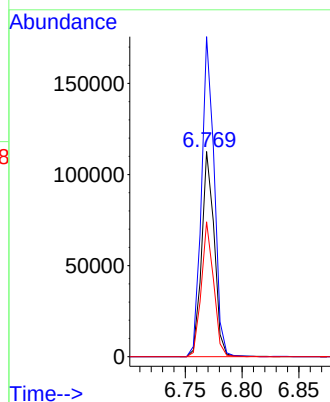
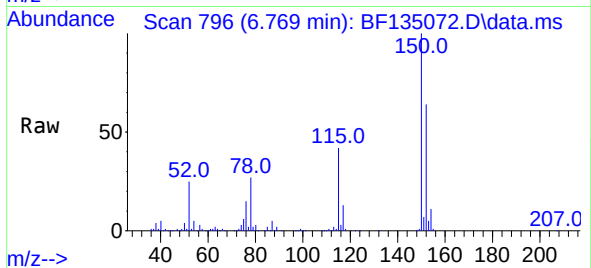




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.769 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BF135072.D  
Acq: 01 Sep 2023 12:59

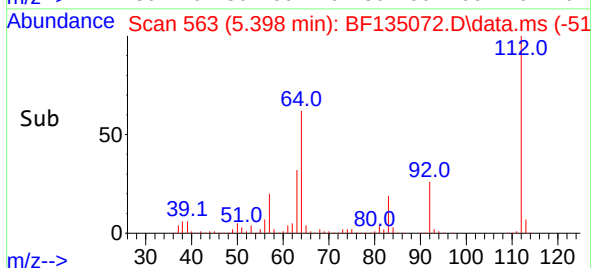
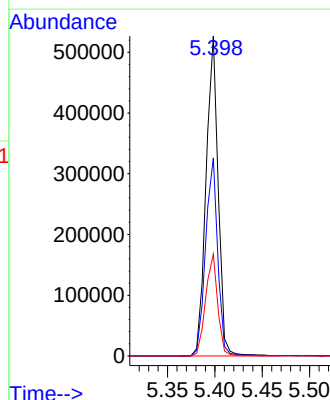
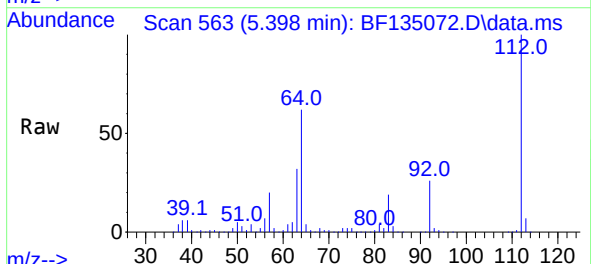
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(12-12.5)

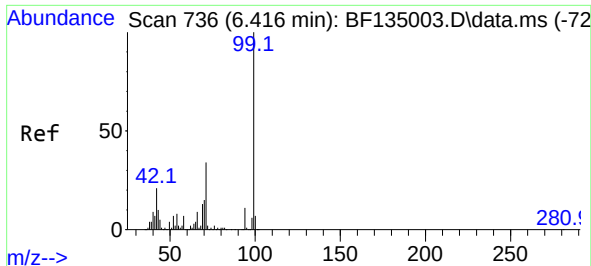
Tgt Ion:152 Resp: 87000  
Ion Ratio Lower Upper  
152 100  
150 156.0 126.2 189.4  
115 65.8 51.2 76.8



#5  
2-Fluorophenol  
Concen: 82.968 ng  
RT: 5.398 min Scan# 563  
Delta R.T. -0.000 min  
Lab File: BF135072.D  
Acq: 01 Sep 2023 12:59

Tgt Ion:112 Resp: 467317  
Ion Ratio Lower Upper  
112 100  
64 61.9 50.5 75.7  
63 31.9 25.9 38.9

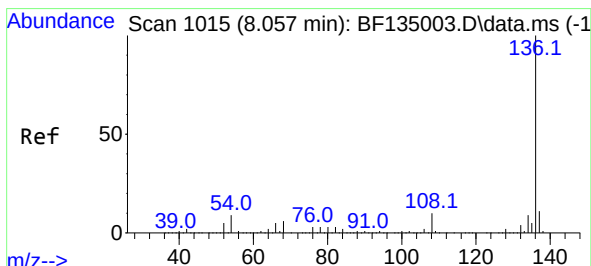
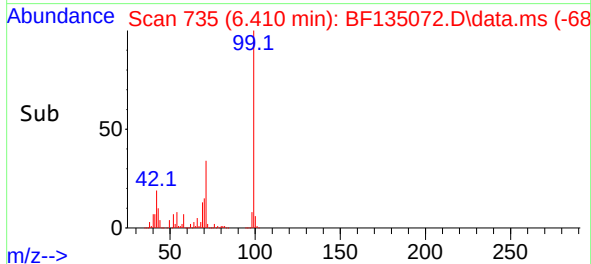
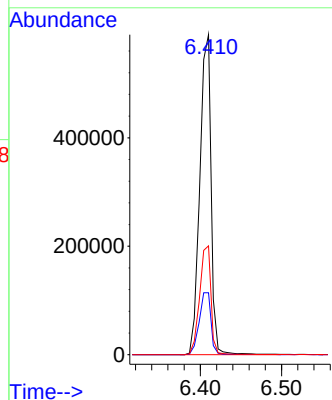
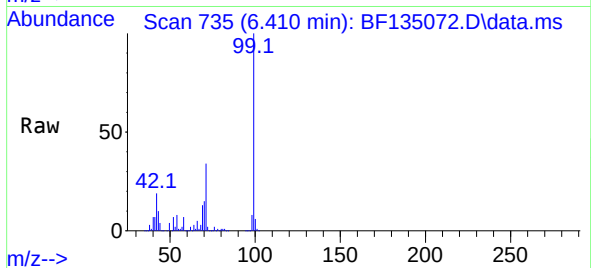




#7  
Phenol-d6  
Concen: 81.378 ng  
RT: 6.410 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF135072.D  
Acq: 01 Sep 2023 12:59

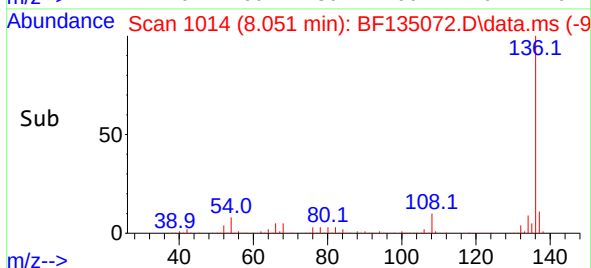
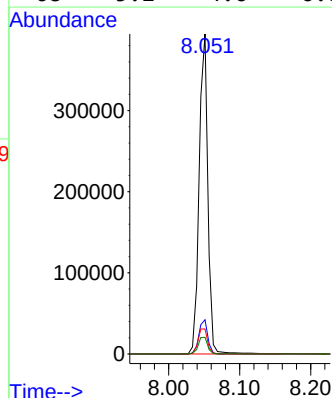
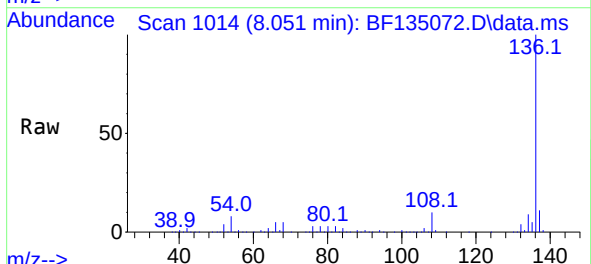
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(12-12.5)

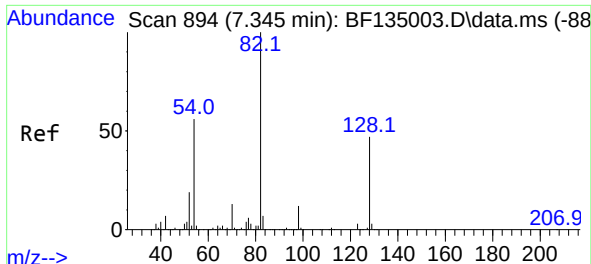
Tgt Ion: 99 Resp: 571312  
Ion Ratio Lower Upper  
99 100  
42 19.4 16.6 25.0  
71 34.0 27.0 40.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.051 min Scan# 1014  
Delta R.T. -0.006 min  
Lab File: BF135072.D  
Acq: 01 Sep 2023 12:59

Tgt Ion: 136 Resp: 336890  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 7.8 7.0 10.4  
68 5.2 4.6 6.8

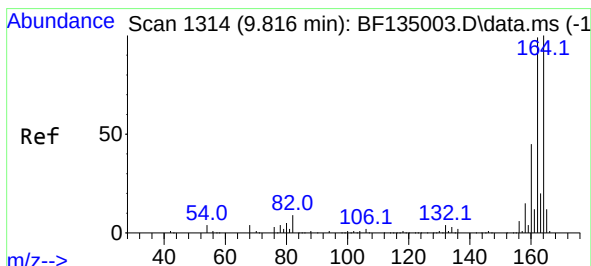
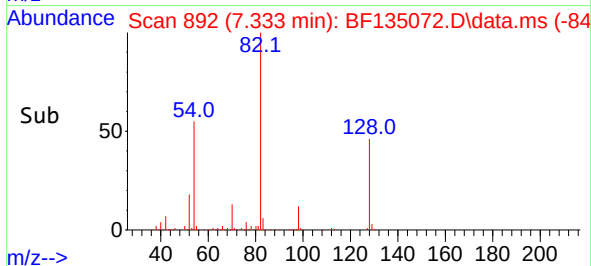
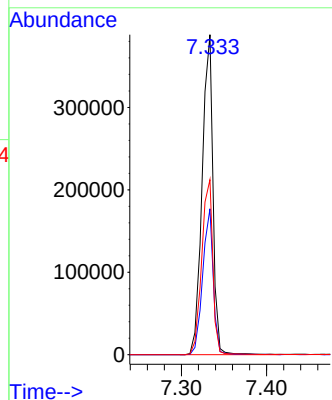
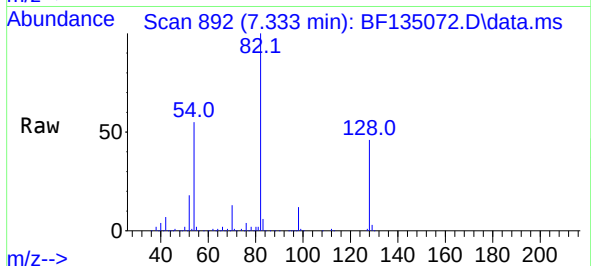




#23  
Nitrobenzene-d5  
Concen: 57.174 ng  
RT: 7.333 min Scan# 894  
Delta R.T. -0.012 min  
Lab File: BF135072.D  
Acq: 01 Sep 2023 12:59

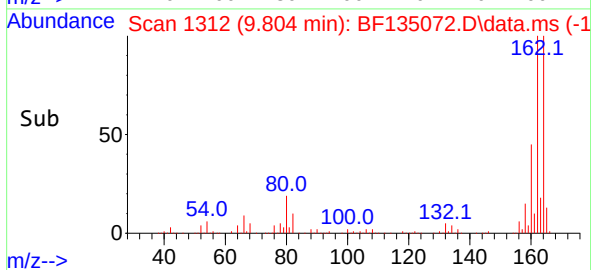
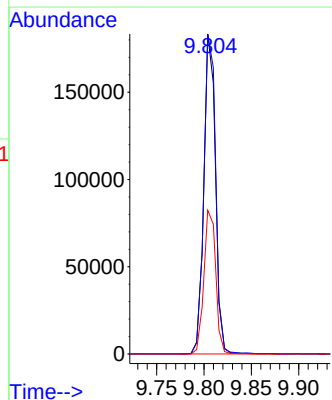
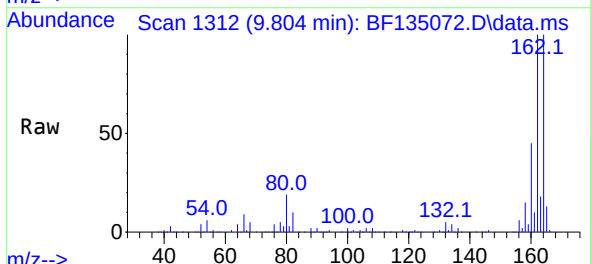
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(12-12.5)

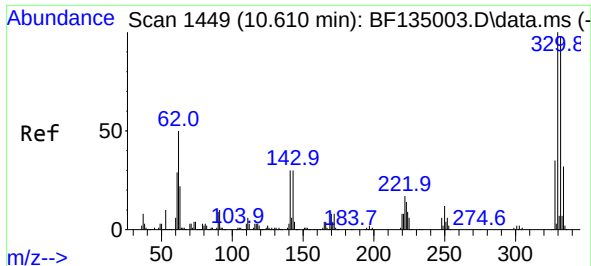
Tgt Ion: 82 Resp: 342845  
Ion Ratio Lower Upper  
82 100  
128 45.6 37.8 56.8  
54 54.7 45.0 67.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.804 min Scan# 1312  
Delta R.T. -0.012 min  
Lab File: BF135072.D  
Acq: 01 Sep 2023 12:59

Tgt Ion: 164 Resp: 155664  
Ion Ratio Lower Upper  
164 100  
162 99.9 79.5 119.3  
160 44.9 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 77.225 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135072.D

Acq: 01 Sep 2023 12:59

Instrument :

BNA\_F

ClientSampleId :

SB-1(12-12.5)

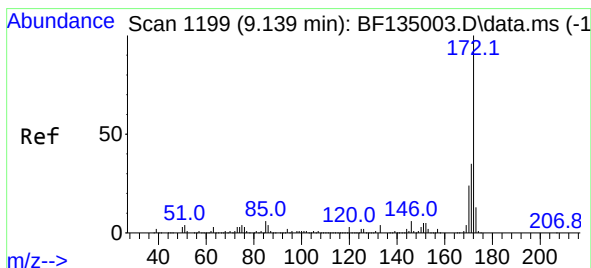
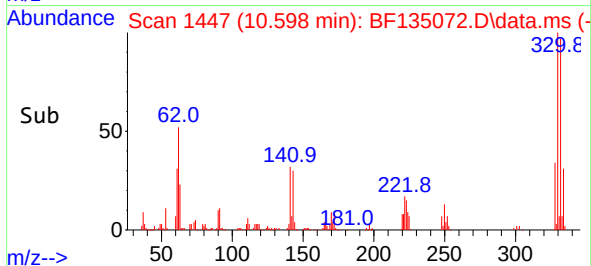
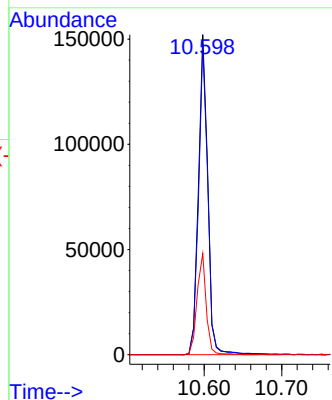
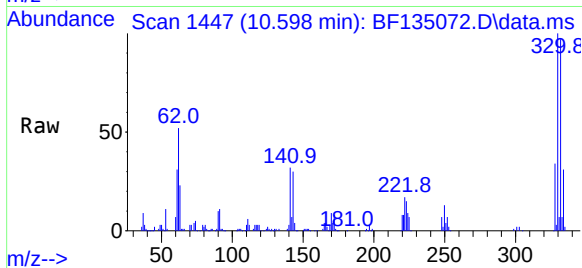
Tgt Ion:330 Resp: 127520

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 31.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 60.552 ng

RT: 9.127 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135072.D

Acq: 01 Sep 2023 12:59

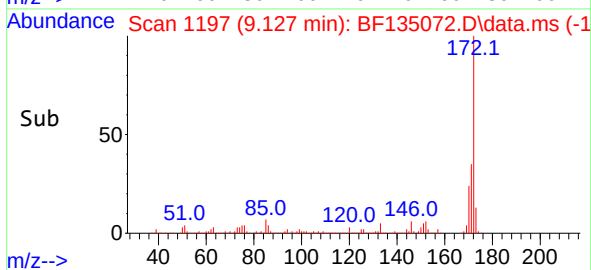
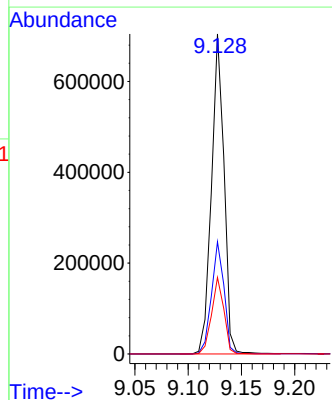
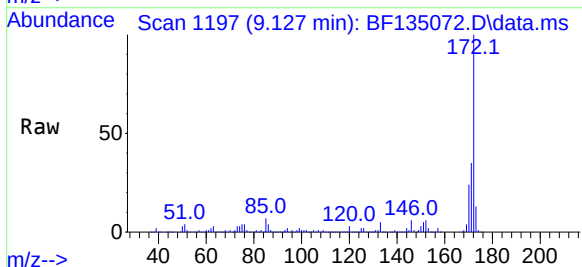
Tgt Ion:172 Resp: 578943

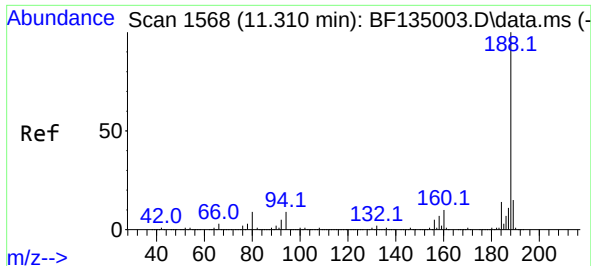
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

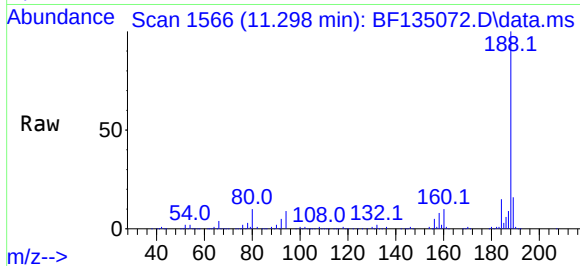
170 23.9 19.0 28.4



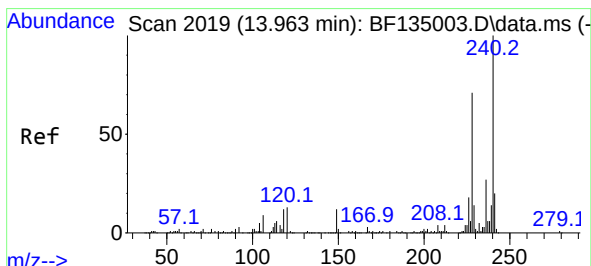
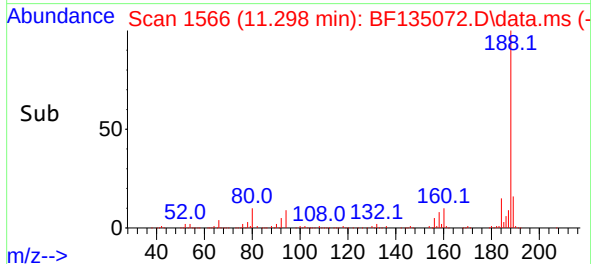
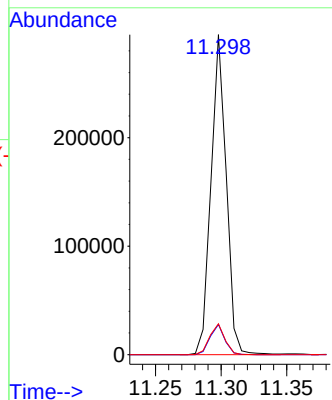


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.298 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF135072.D  
Acq: 01 Sep 2023 12:59

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(12-12.5)

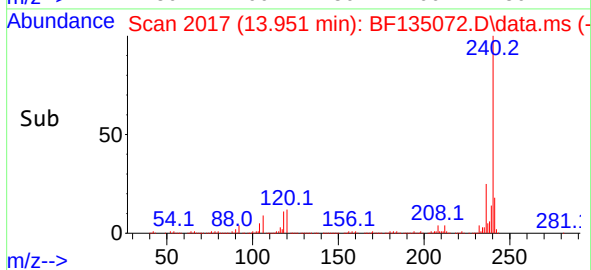
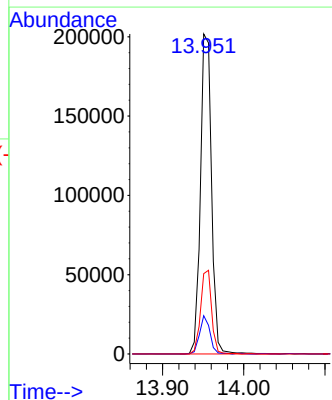
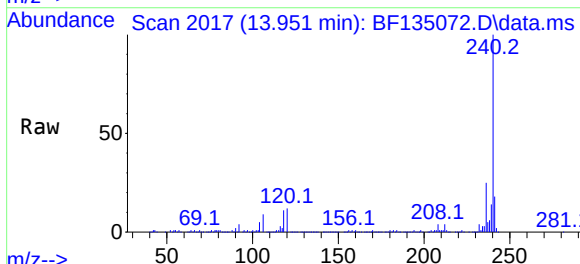


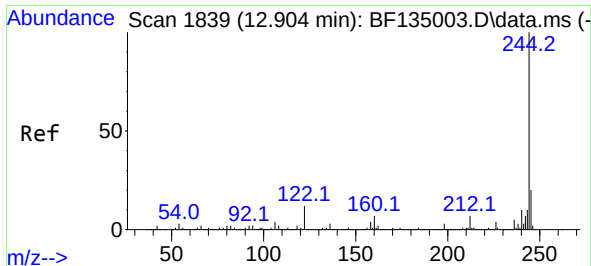
Tgt Ion:188 Resp: 239081  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.0 10.4  
80 9.7 7.4 11.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.951 min Scan# 2017  
Delta R.T. -0.012 min  
Lab File: BF135072.D  
Acq: 01 Sep 2023 12:59

Tgt Ion:240 Resp: 192570  
Ion Ratio Lower Upper  
240 100  
120 11.9 10.2 15.2  
236 25.1 21.3 31.9

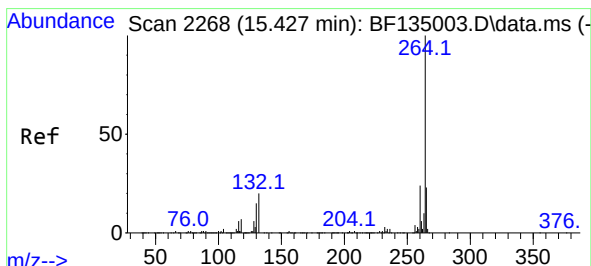
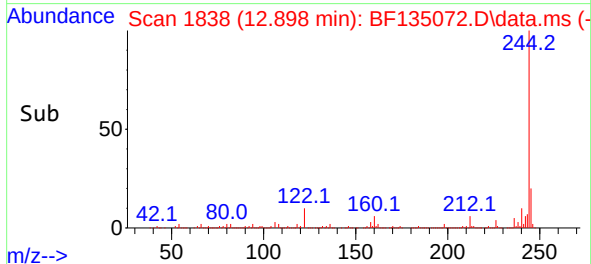
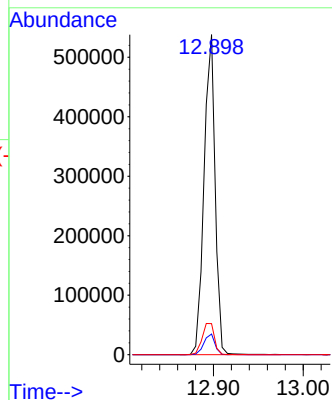
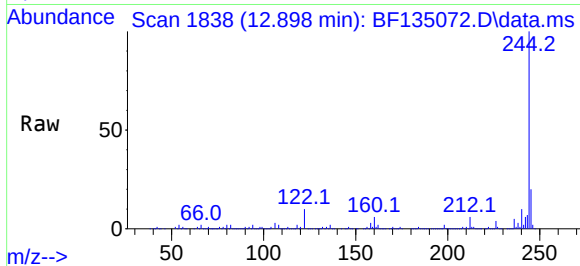




#79  
 Terphenyl-d14  
 Concen: 39.118 ng  
 RT: 12.898 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF135072.D  
 Acq: 01 Sep 2023 12:59

Instrument :  
 BNA\_F  
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 SB-1(12-12.5)

Tgt Ion:244 Resp: 461605  
 Ion Ratio Lower Upper  
 244 100  
 212 6.4 5.6 8.4  
 122 9.7 9.8 14.6#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2267  
 Delta R.T. -0.006 min  
 Lab File: BF135072.D  
 Acq: 01 Sep 2023 12:59

Tgt Ion:264 Resp: 205690  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.0 28.6  
 265 21.2 18.2 27.2

