

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100423\  
 Data File : BF135584.D  
 Acq On : 04 Oct 2023 22:51  
 Operator : CG\JU  
 Sample : 04703-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 E9066-OB-002

Quant Time: Oct 04 23:29:23 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 04 17:06:20 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.740  | 152  | 131012   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.016  | 136  | 508647   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.769  | 164  | 233913   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.263 | 188  | 503685   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.922 | 240  | 246157   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.386 | 264  | 86167    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 1029412  | 127.796 | ng    | 0.01     |
| 7) Phenol-d6                | 6.387  | 99   | 1189511  | 116.134 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.304  | 82   | 849164   | 90.701  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 333483   | 143.463 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.092  | 172  | 1475231  | 95.151  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.863 | 244  | 1541240  | 97.061  | ng    | 0.00     |

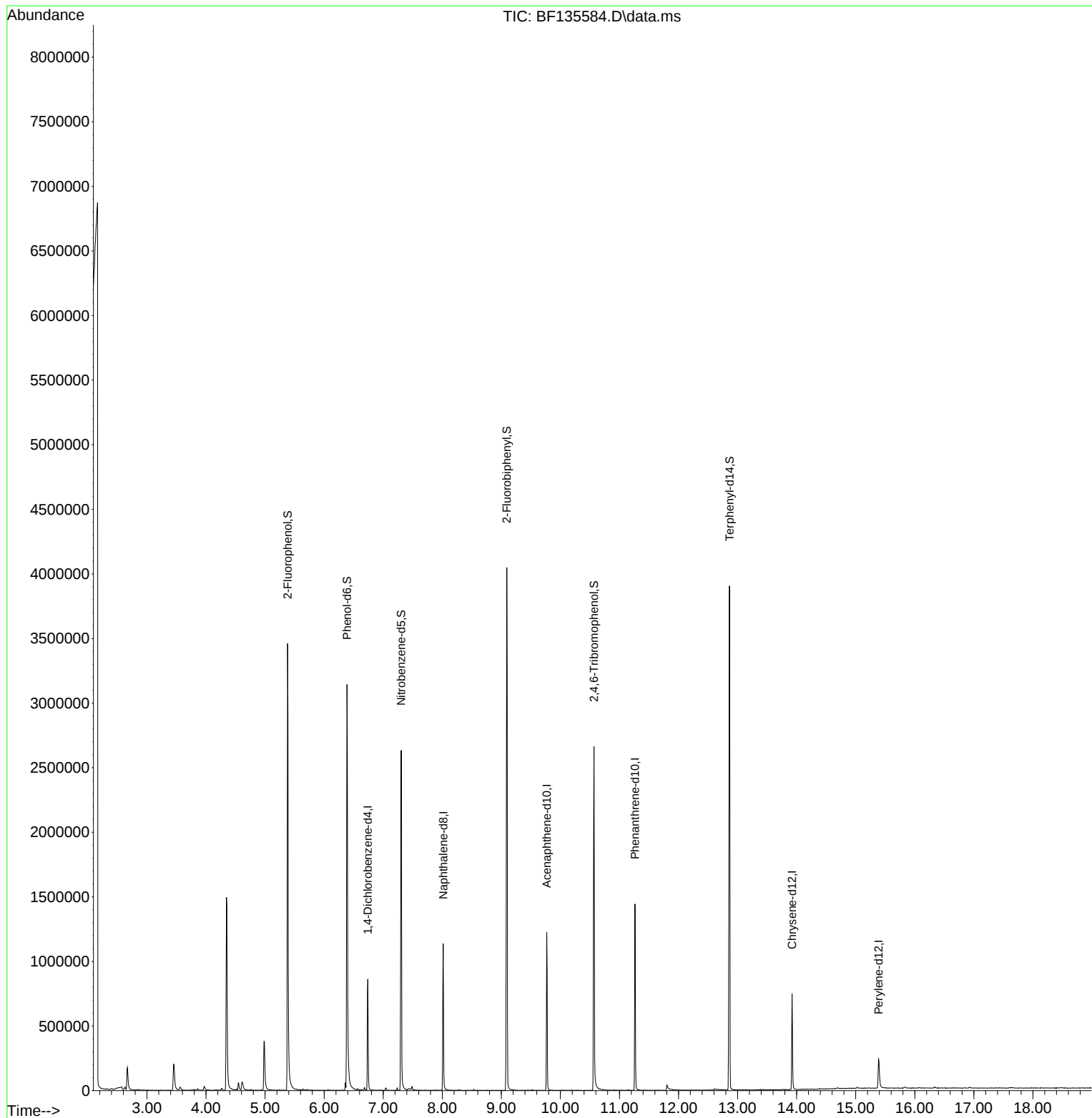
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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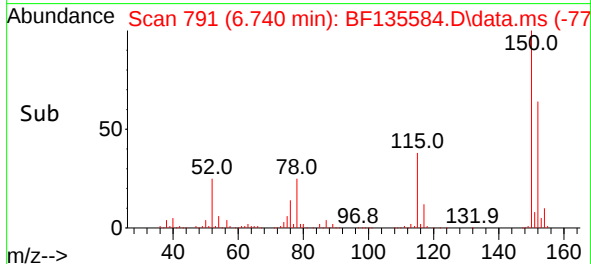
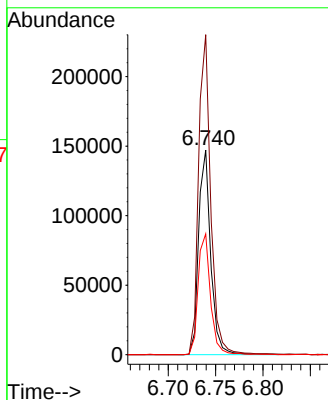
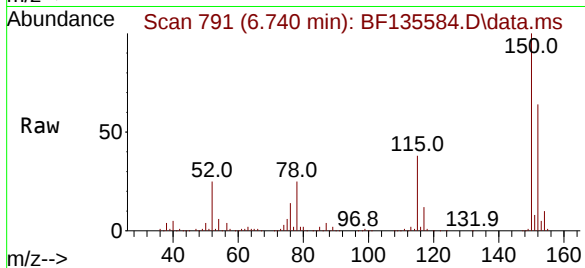




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.740 min Scan# 795  
Delta R.T. 0.001 min  
Lab File: BF135584.D  
Acq: 04 Oct 2023 22:51

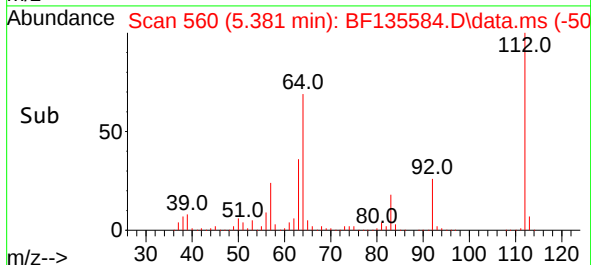
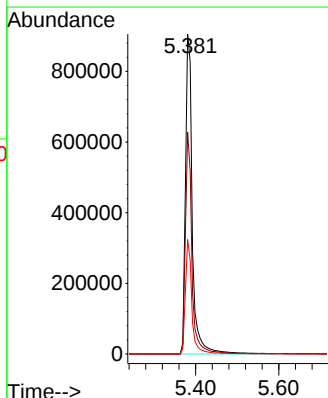
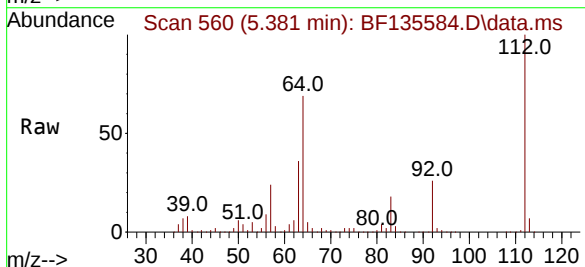
Instrument :  
BNA\_F  
ClientSampleId :  
E9066-OB-002

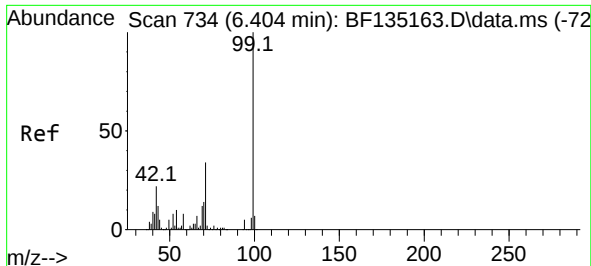
Tgt Ion:152 Resp: 131012  
Ion Ratio Lower Upper  
152 100  
150 156.3 127.8 191.6  
115 59.0 49.8 74.8



#5  
2-Fluorophenol  
Concen: 127.796 ng  
RT: 5.381 min Scan# 560  
Delta R.T. 0.012 min  
Lab File: BF135584.D  
Acq: 04 Oct 2023 22:51

Tgt Ion:112 Resp: 1029412  
Ion Ratio Lower Upper  
112 100  
64 69.3 55.9 83.9  
63 35.8 29.0 43.6





#7  
Phenol-d6  
Concen: 116.134 ng  
RT: 6.387 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF135584.D  
Acq: 04 Oct 2023 22:51

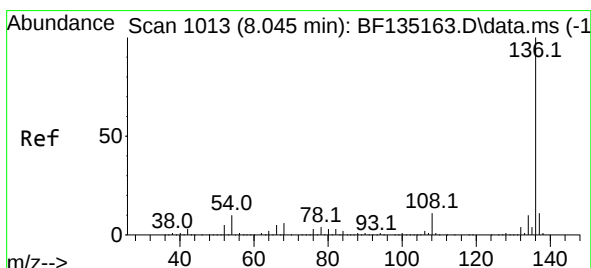
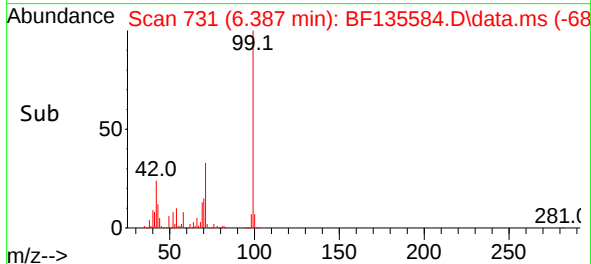
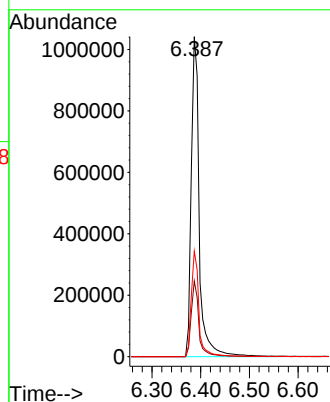
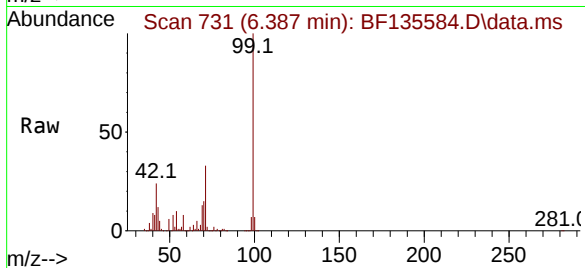
Instrument :

BNA\_F

ClientSampleId :

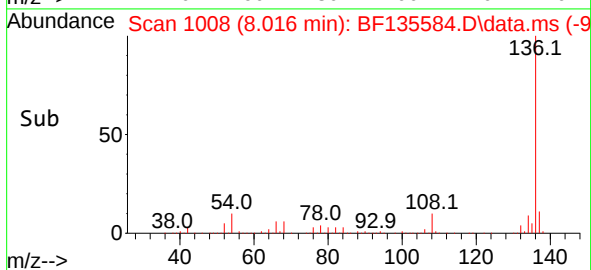
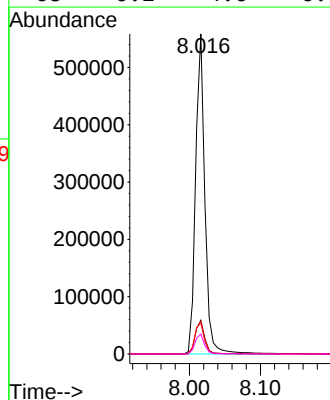
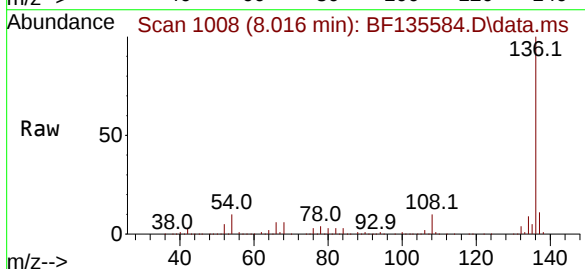
E9066-OB-002

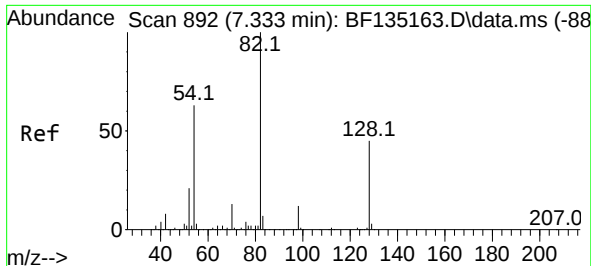
Tgt Ion: 99 Resp: 1189511  
Ion Ratio Lower Upper  
99 100  
42 23.7 17.9 26.9  
71 33.0 27.0 40.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.016 min Scan# 1008  
Delta R.T. 0.000 min  
Lab File: BF135584.D  
Acq: 04 Oct 2023 22:51

Tgt Ion:136 Resp: 508647  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 9.6 7.7 11.5  
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 90.701 ng

RT: 7.304 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF135584.D

Acq: 04 Oct 2023 22:51

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-002

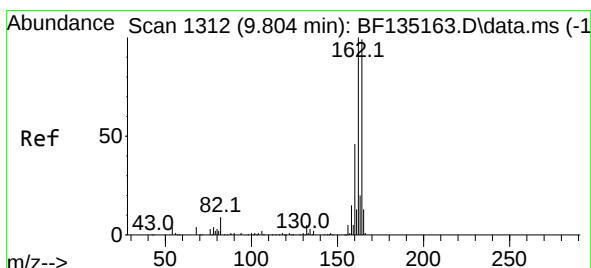
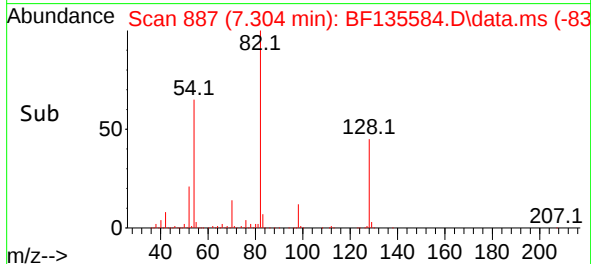
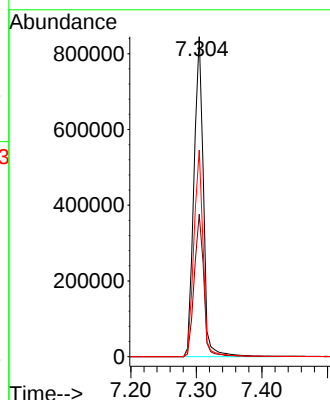
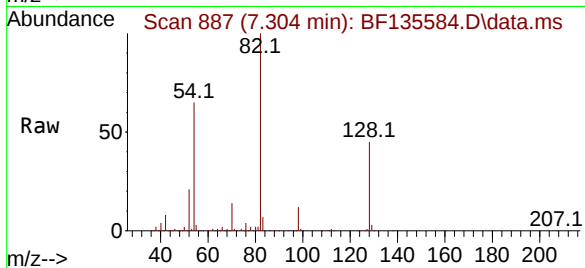
Tgt Ion: 82 Resp: 849164

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.6

54 64.6 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1306

Delta R.T. -0.006 min

Lab File: BF135584.D

Acq: 04 Oct 2023 22:51

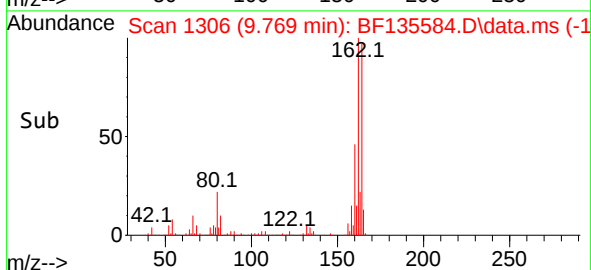
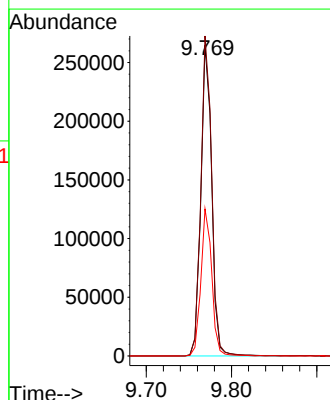
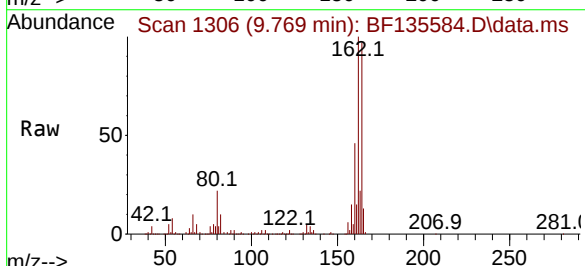
Tgt Ion: 164 Resp: 233913

Ion Ratio Lower Upper

164 100

162 103.0 81.0 121.4

160 47.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 143.463 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135584.D

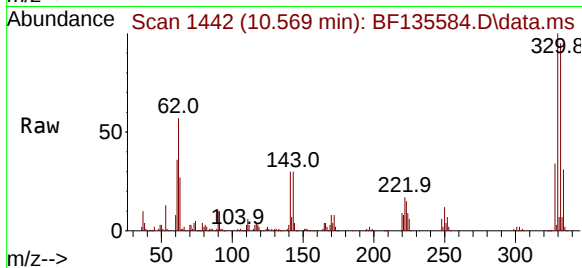
Acq: 04 Oct 2023 22:51

Instrument :

BNA\_F

ClientSampleId :

E9066-OB-002



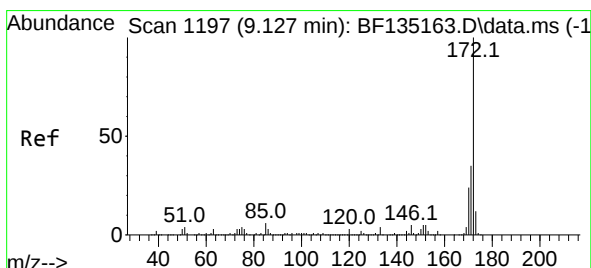
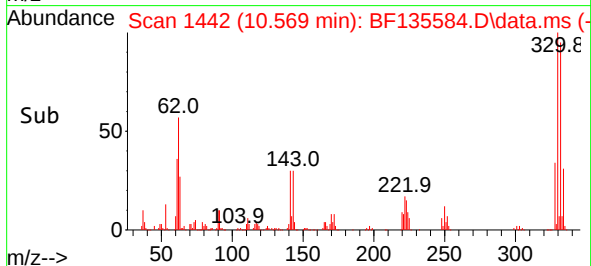
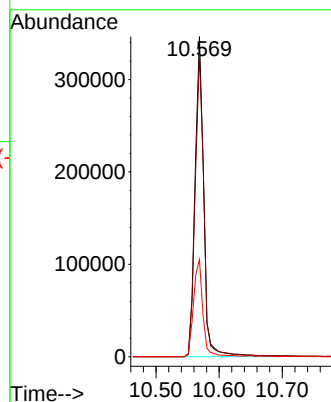
Tgt Ion:330 Resp: 333483

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 32.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 95.151 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135584.D

Acq: 04 Oct 2023 22:51

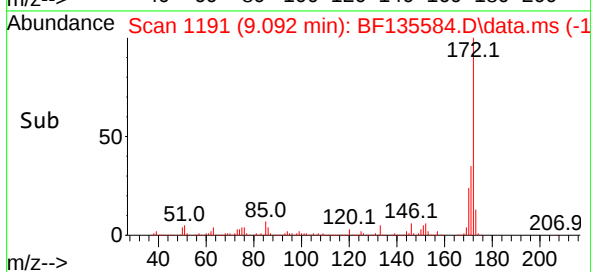
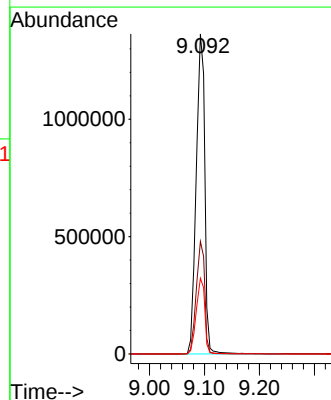
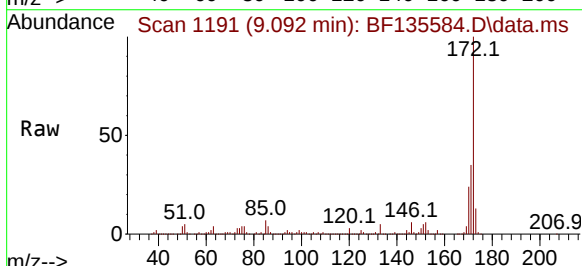
Tgt Ion:172 Resp: 1475231

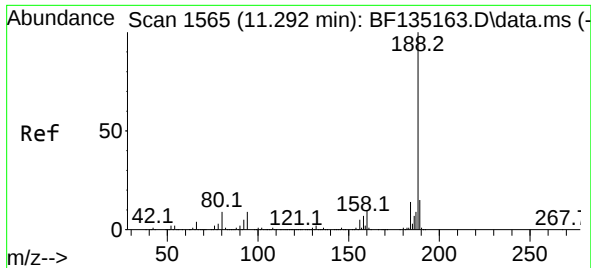
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.6 19.0 28.4

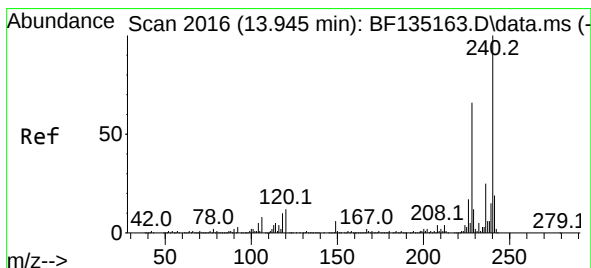
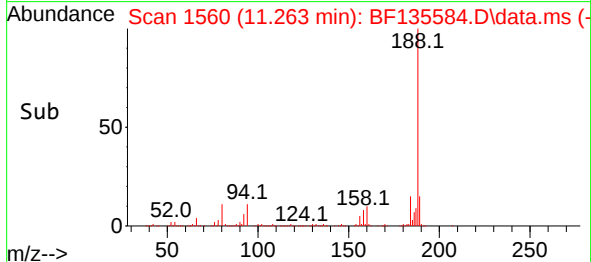
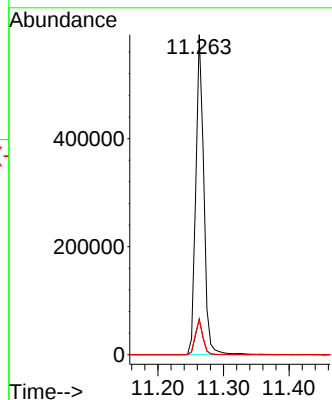
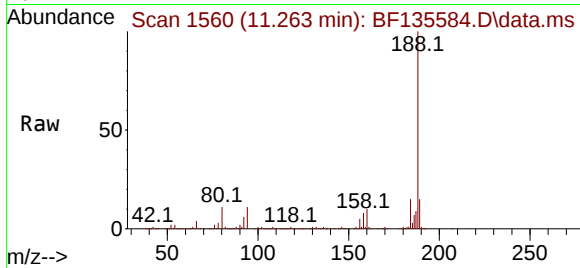




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.263 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF135584.D  
Acq: 04 Oct 2023 22:51

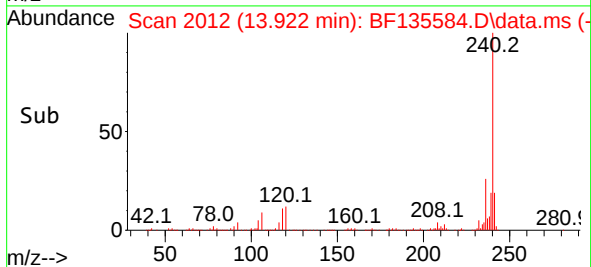
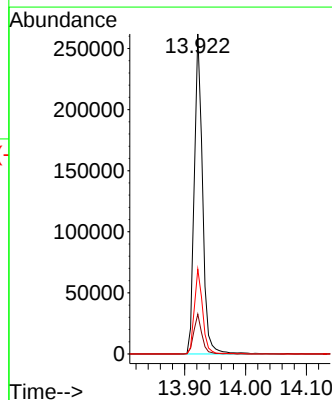
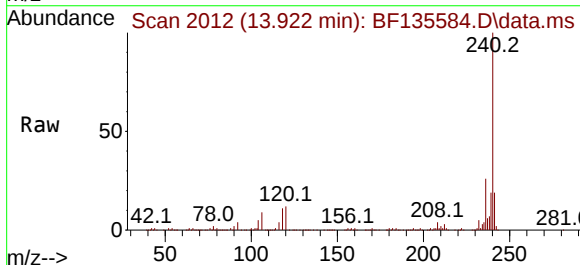
Instrument :  
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E9066-OB-002

Tgt Ion:188 Resp: 503685  
Ion Ratio Lower Upper  
188 100  
94 11.1 7.0 10.6#  
80 11.0 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.922 min Scan# 2012  
Delta R.T. -0.006 min  
Lab File: BF135584.D  
Acq: 04 Oct 2023 22:51

Tgt Ion:240 Resp: 246157  
Ion Ratio Lower Upper  
240 100  
120 12.5 9.4 14.2  
236 26.5 19.8 29.8

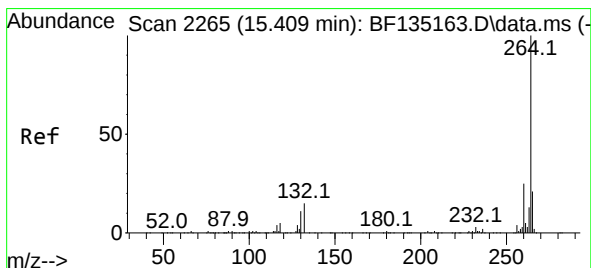
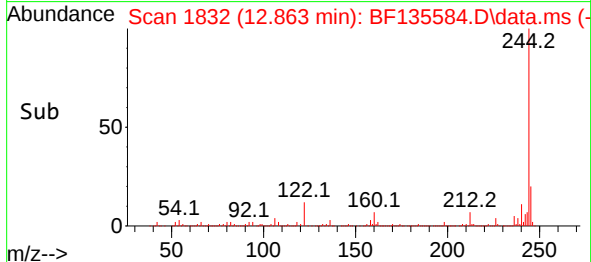
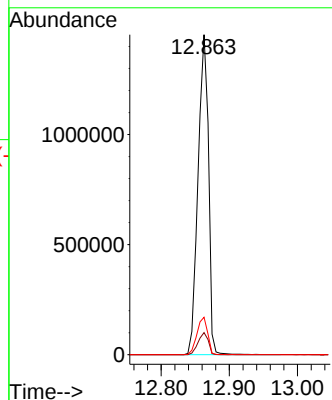
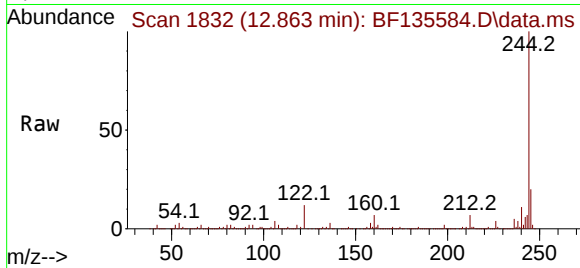




#79  
 Terphenyl-d14  
 Concen: 97.061 ng  
 RT: 12.863 min Scan# 1832  
 Delta R.T. 0.000 min  
 Lab File: BF135584.D  
 Acq: 04 Oct 2023 22:51

Instrument :  
 BNA\_F  
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 E9066-OB-002

Tgt Ion:244 Resp: 1541240  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.1 7.7  
 122 11.7 7.9 11.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.386 min Scan# 2261  
 Delta R.T. 0.000 min  
 Lab File: BF135584.D  
 Acq: 04 Oct 2023 22:51

Tgt Ion:264 Resp: 86167  
 Ion Ratio Lower Upper  
 264 100  
 260 27.7 19.8 29.6  
 265 21.9 17.0 25.4

