

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120922\  
 Data File : BF131571.D  
 Acq On : 09 Dec 2022 17:36  
 Operator : CG\JU  
 Sample : N5895-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-19

Quant Time: Dec 10 04:01:32 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 09 06:08:27 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.910  | 152  | 62068    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.198  | 136  | 227004   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.963  | 164  | 140283   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.457 | 188  | 282807   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.104 | 240  | 210199   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.616 | 264  | 187286   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.540  | 112  | 539482   | 145.004 | ng    | 0.03     |
| 7) Phenol-d6                | 6.534  | 99   | 620557   | 127.283 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.475  | 82   | 569172   | 94.794  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.757 | 330  | 281105   | 180.359 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.281  | 172  | 1054212  | 94.753  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.057 | 244  | 1429721  | 93.279  | ng    | 0.01     |

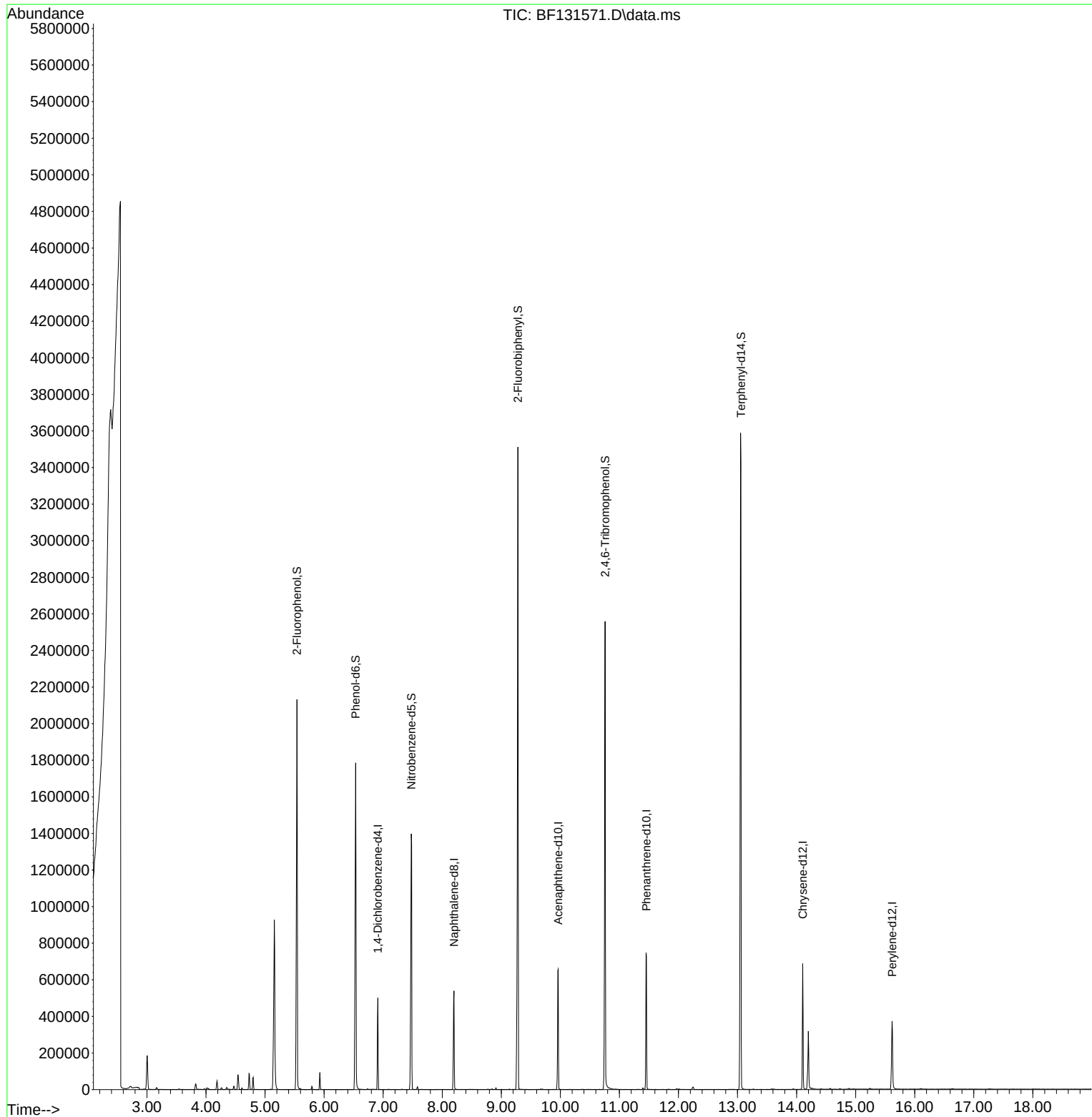
Target Compounds Qvalue

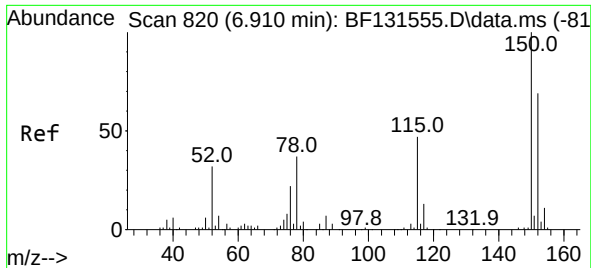
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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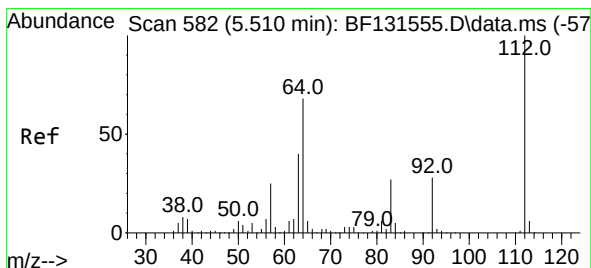
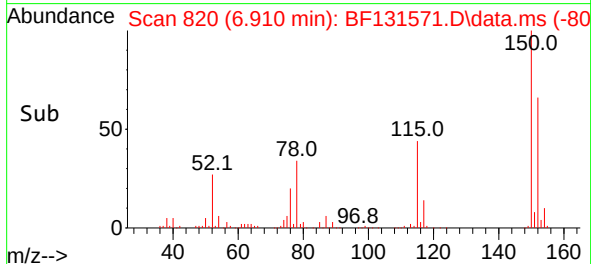
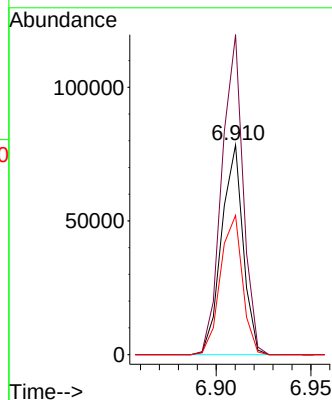
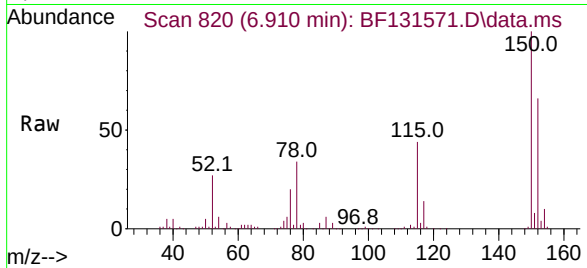




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.910 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BF131571.D  
 Acq: 09 Dec 2022 17:36

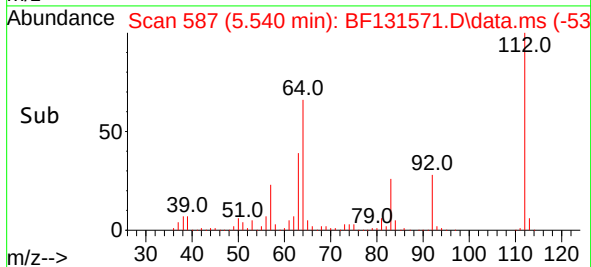
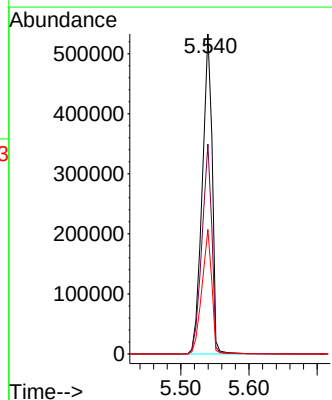
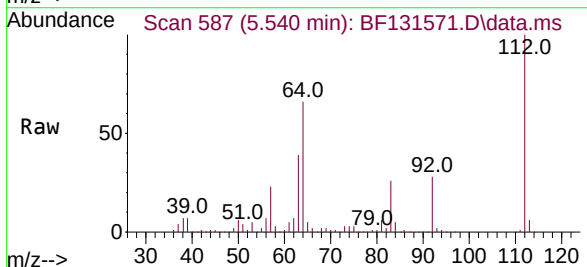
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-19

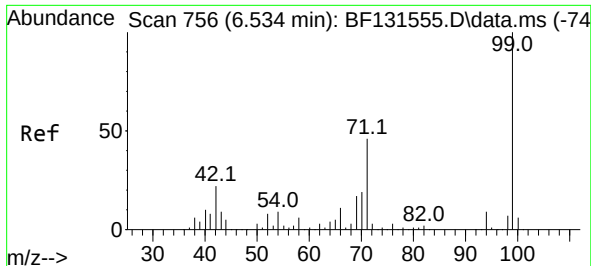
Tgt Ion:152 Resp: 62068  
 Ion Ratio Lower Upper  
 152 100  
 150 152.6 116.7 175.1  
 115 66.4 54.6 82.0



#5  
 2-Fluorophenol  
 Concen: 145.004 ng  
 RT: 5.540 min Scan# 587  
 Delta R.T. 0.030 min  
 Lab File: BF131571.D  
 Acq: 09 Dec 2022 17:36

Tgt Ion:112 Resp: 539482  
 Ion Ratio Lower Upper  
 112 100  
 64 65.6 54.5 81.7  
 63 38.9 31.9 47.9

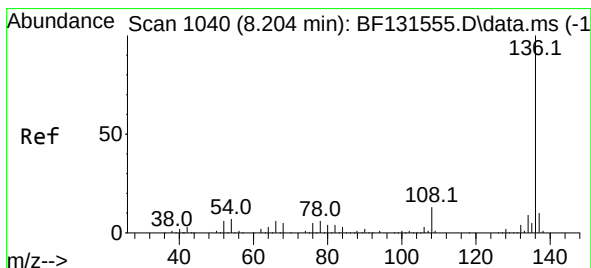
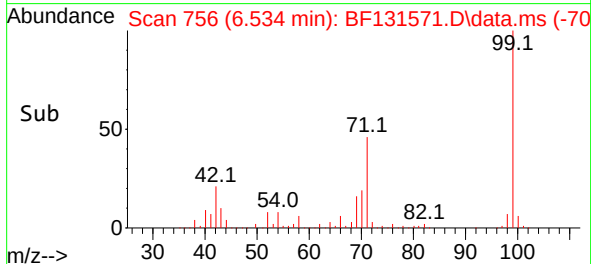
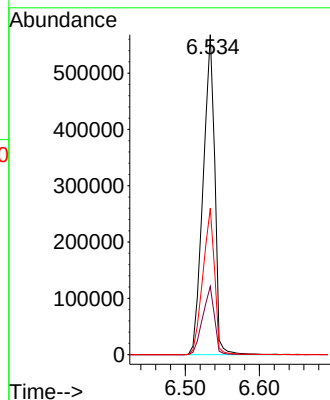
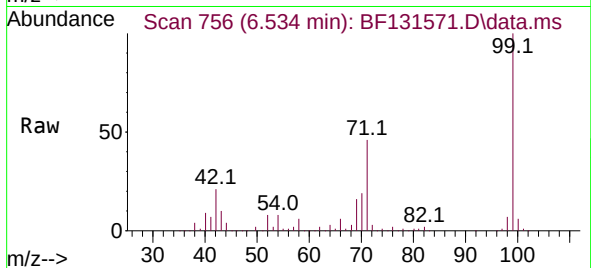




#7  
Phenol-d6  
Concen: 127.283 ng  
RT: 6.534 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF131571.D  
Acq: 09 Dec 2022 17:36

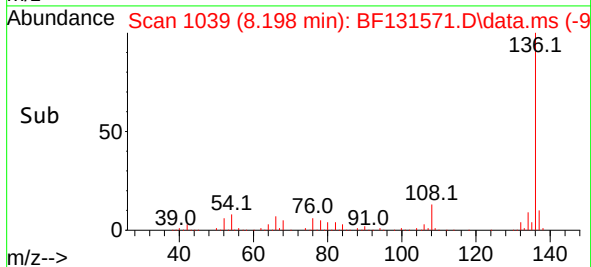
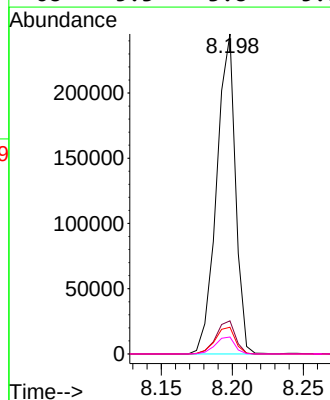
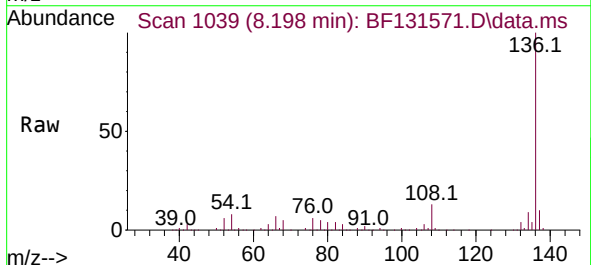
Instrument :  
BNA\_F  
ClientSampleId :  
MH-19

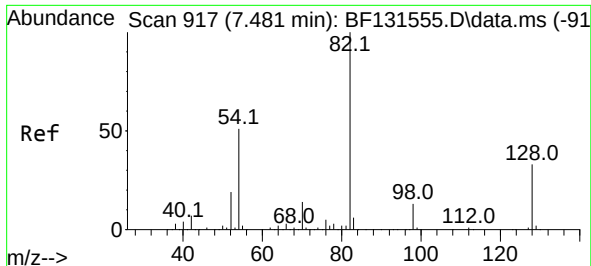
Tgt Ion: 99 Resp: 620557  
Ion Ratio Lower Upper  
99 100  
42 21.3 17.9 26.9  
71 45.7 37.2 55.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF131571.D  
Acq: 09 Dec 2022 17:36

Tgt Ion: 136 Resp: 227004  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.1 12.1  
54 8.3 6.0 9.0  
68 5.3 3.8 5.8





#23

Nitrobenzene-d5

Concen: 94.794 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF131571.D

Acq: 09 Dec 2022 17:36

Instrument :

BNA\_F

ClientSampleId :

MH-19

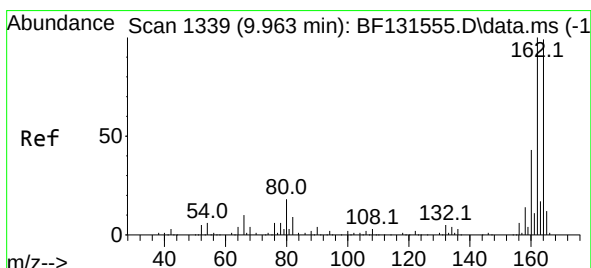
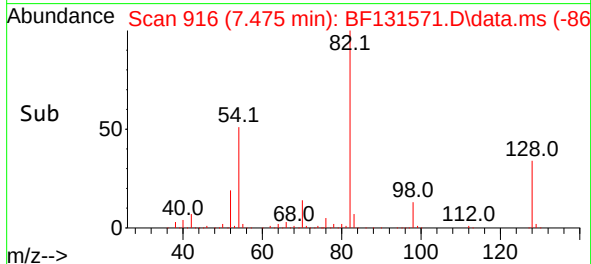
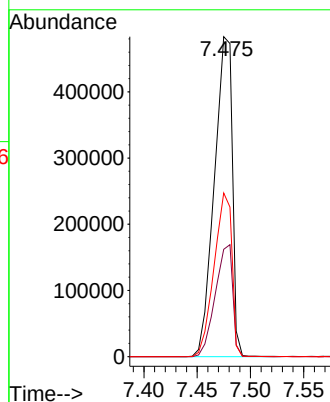
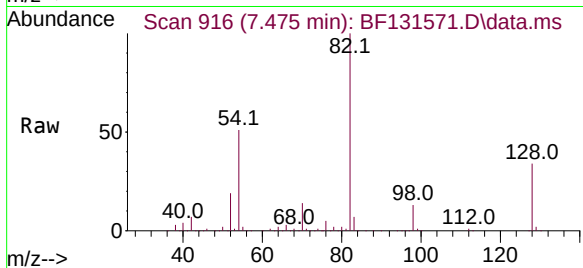
Tgt Ion: 82 Resp: 569172

Ion Ratio Lower Upper

82 100

128 33.5 26.1 39.1

54 51.1 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF131571.D

Acq: 09 Dec 2022 17:36

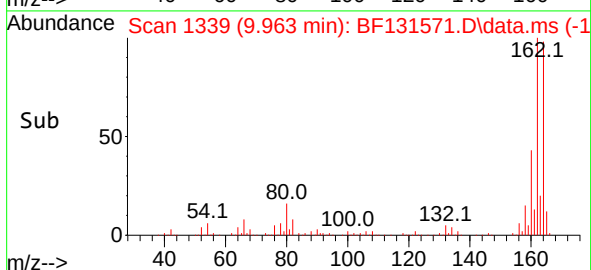
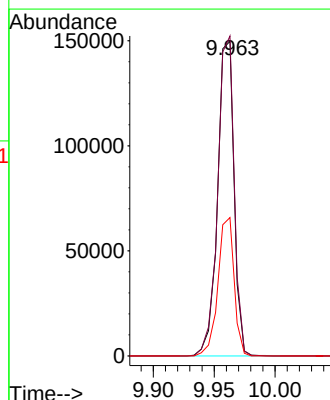
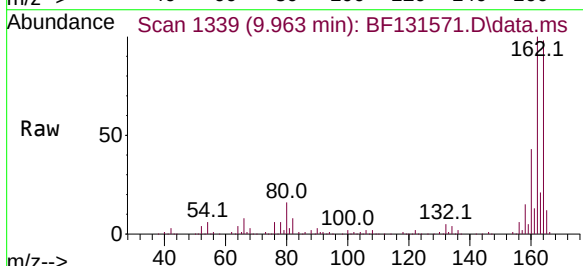
Tgt Ion:164 Resp: 140283

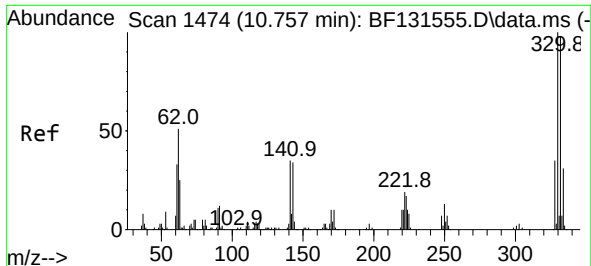
Ion Ratio Lower Upper

164 100

162 101.8 81.0 121.6

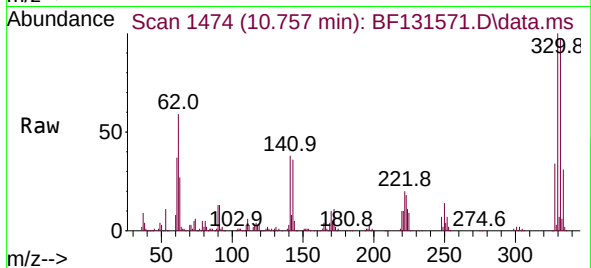
160 44.0 35.0 52.6



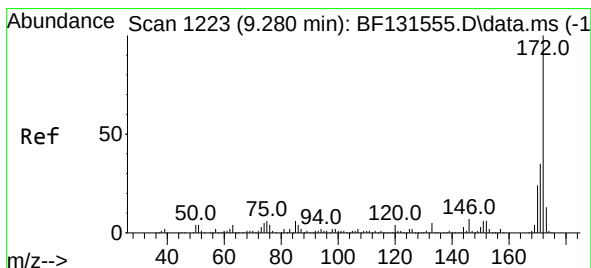
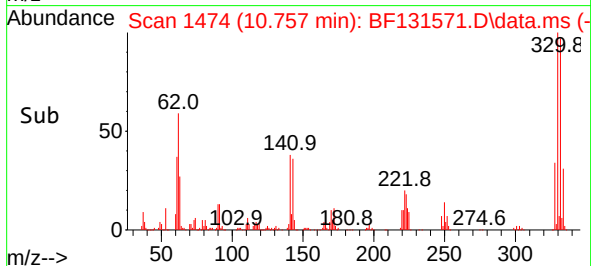
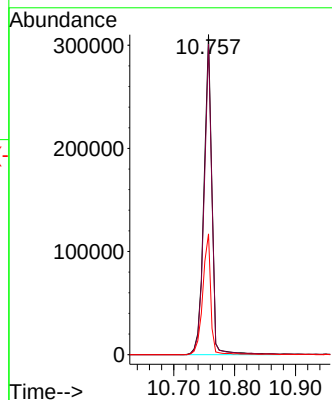


#42  
2,4,6-Tribromophenol  
Concen: 180.359 ng  
RT: 10.757 min Scan# 1474  
Delta R.T. 0.000 min  
Lab File: BF131571.D  
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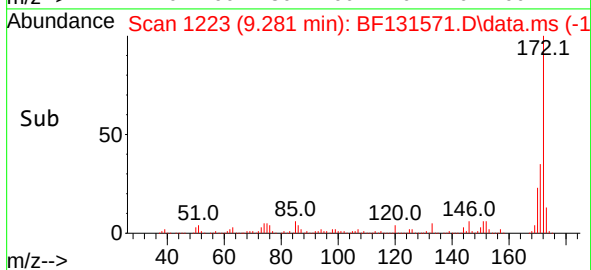
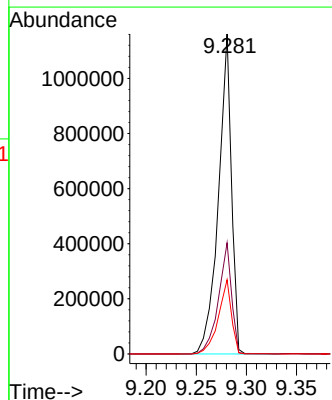
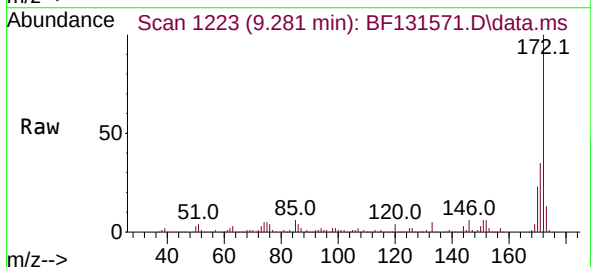


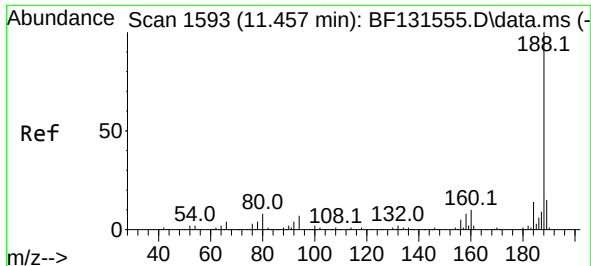
Tgt Ion:330 Resp: 281105  
Ion Ratio Lower Upper  
330 100  
332 94.6 78.3 117.5  
141 38.0 32.6 49.0



#45  
2-Fluorobiphenyl  
Concen: 94.753 ng  
RT: 9.281 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: BF131571.D  
Acq: 09 Dec 2022 17:36

Tgt Ion:172 Resp: 1054212  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.3 42.5  
170 23.2 19.3 28.9

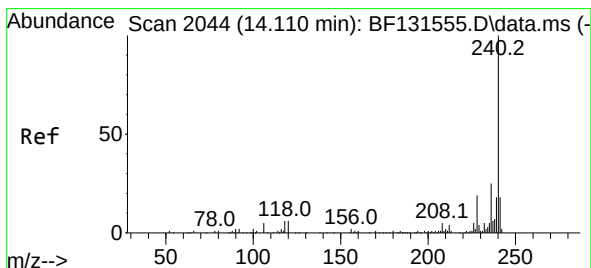
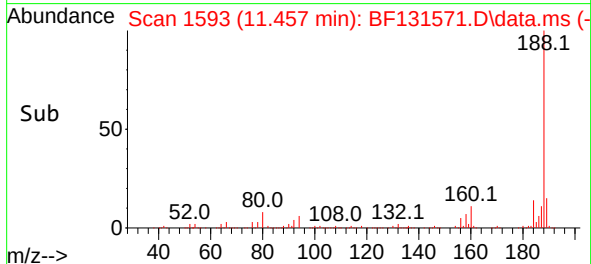
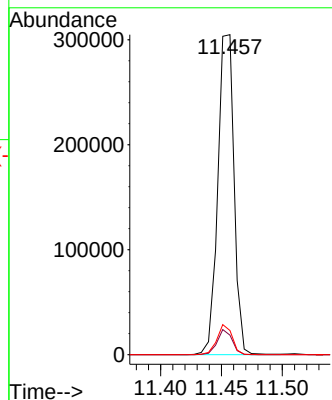
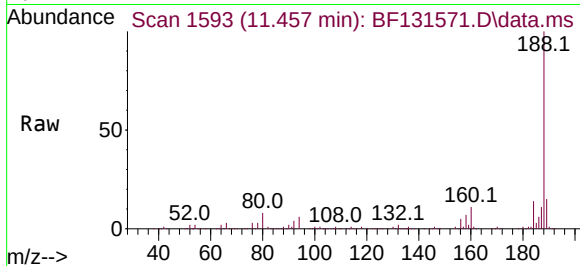




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.457 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131571.D  
Acq: 09 Dec 2022 17:36

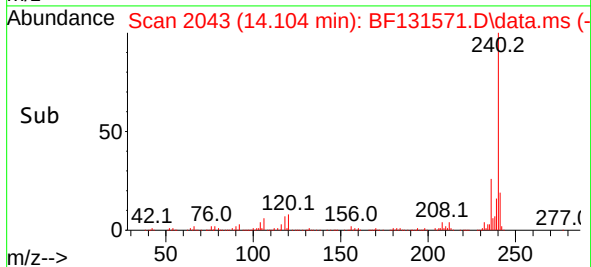
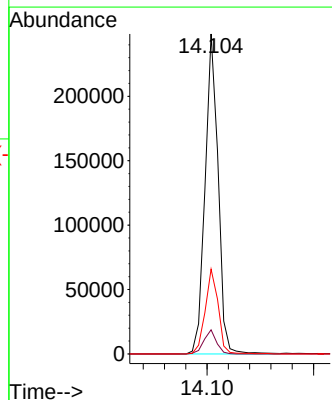
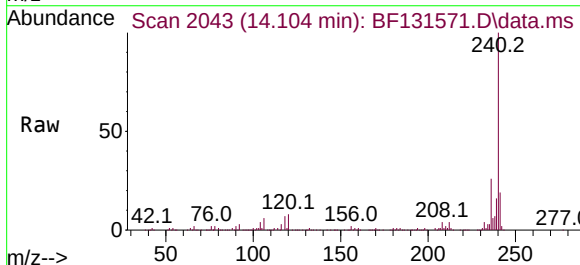
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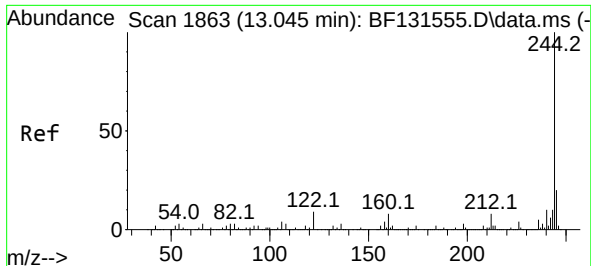
Tgt Ion:188 Resp: 282807  
Ion Ratio Lower Upper  
188 100  
94 6.1 5.5 8.3  
80 7.5 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.104 min Scan# 2043  
Delta R.T. -0.006 min  
Lab File: BF131571.D  
Acq: 09 Dec 2022 17:36

Tgt Ion:240 Resp: 210199  
Ion Ratio Lower Upper  
240 100  
120 7.5 4.6 7.0#  
236 26.5 20.2 30.2

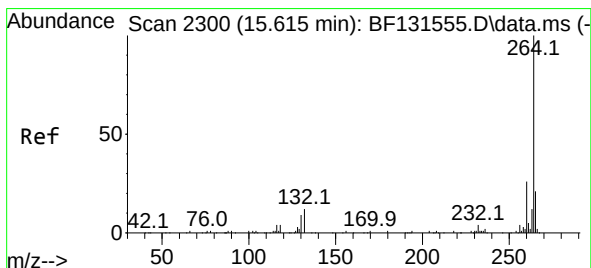
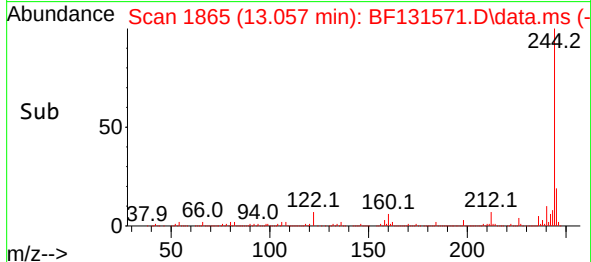
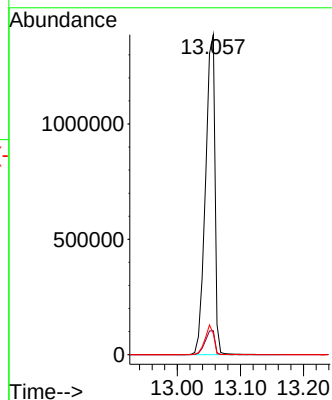
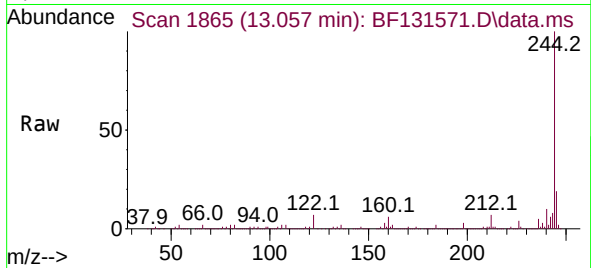




#79  
 Terphenyl-d14  
 Concen: 93.279 ng  
 RT: 13.057 min Scan# 1865  
 Delta R.T. 0.012 min  
 Lab File: BF131571.D  
 Acq: 09 Dec 2022 17:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-19

Tgt Ion:244 Resp: 1429721  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.5 9.7  
 122 6.6 7.1 10.7#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.616 min Scan# 2300  
 Delta R.T. 0.000 min  
 Lab File: BF131571.D  
 Acq: 09 Dec 2022 17:36

Tgt Ion:264 Resp: 187286  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 20.6 30.8  
 265 20.5 16.8 25.2

