

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121922\  
 Data File : BF131697.D  
 Acq On : 19 Dec 2022 19:37  
 Operator : CG\JU  
 Sample : N6065-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-23

Quant Time: Dec 20 01:06:03 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 20 00:23:43 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 75106    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 263483   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.922  | 164  | 136610   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 230440   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.069 | 240  | 143944   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.574 | 264  | 175650   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 510692   | 113.437 | ng    | 0.00     |
| 7) Phenol-d6                | 6.504  | 99   | 651777   | 110.479 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 451637   | 64.805  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 144969   | 95.514  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 750388   | 69.259  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.010 | 244  | 613052   | 58.408  | ng    | 0.00     |

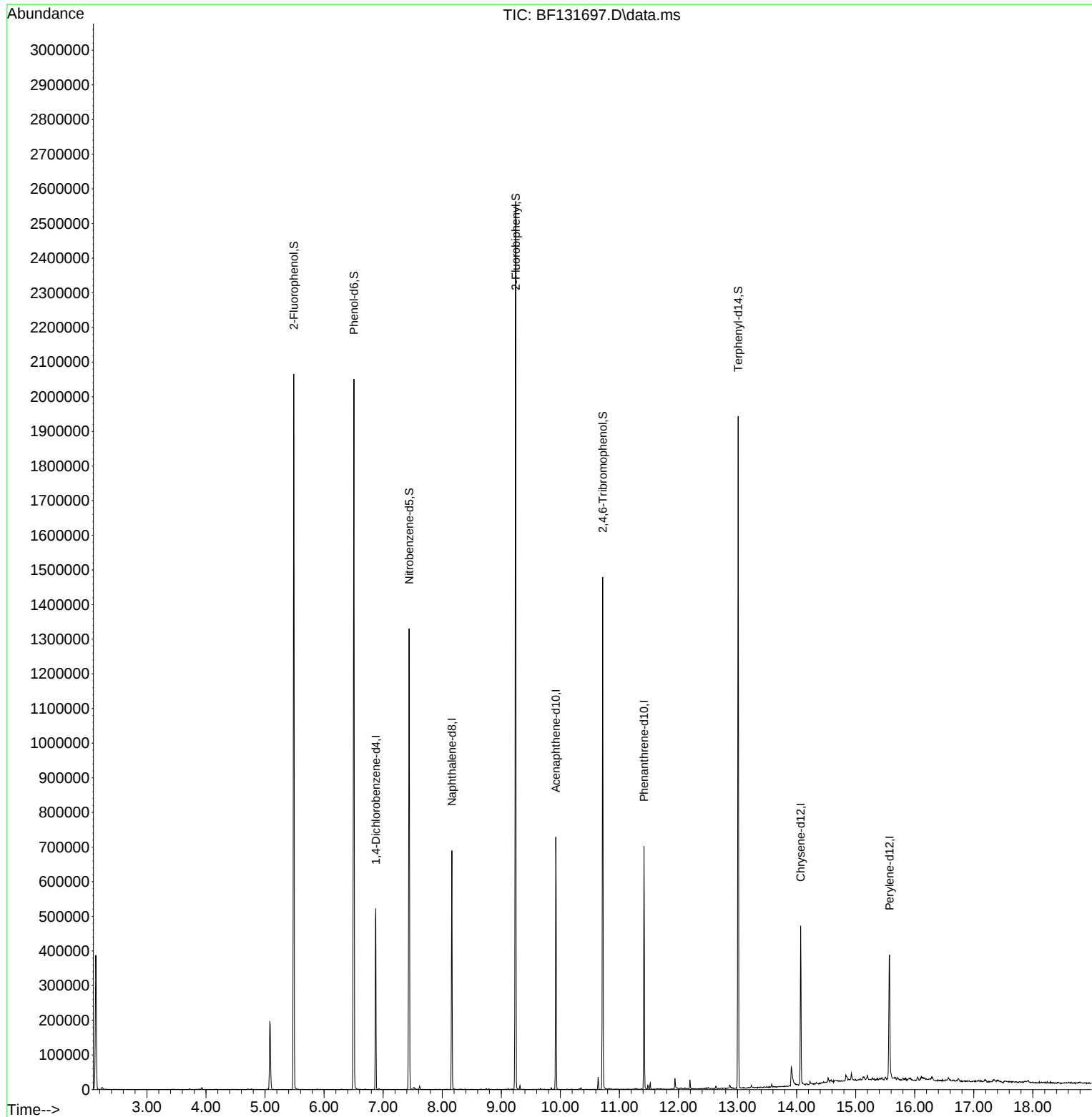
Target Compounds Qvalue

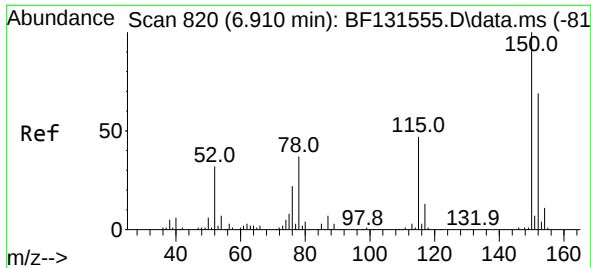
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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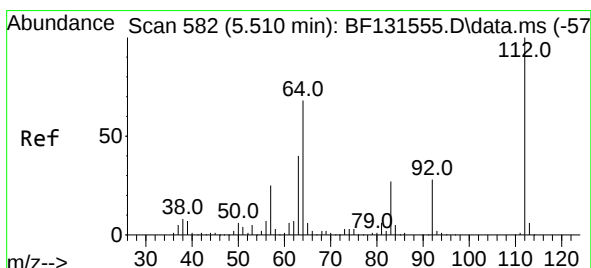
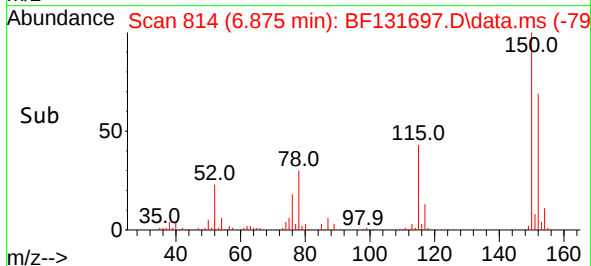
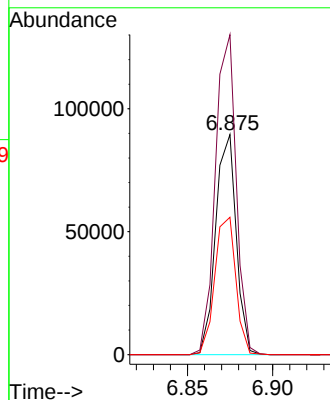
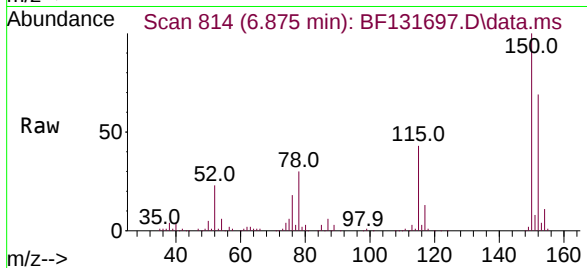




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF131697.D  
 Acq: 19 Dec 2022 19:37

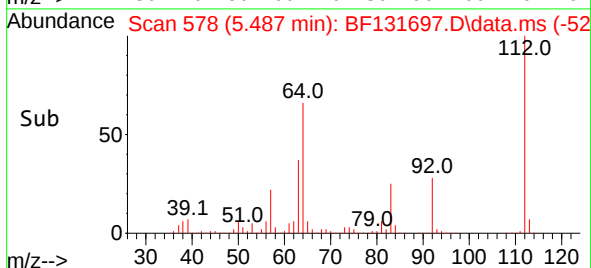
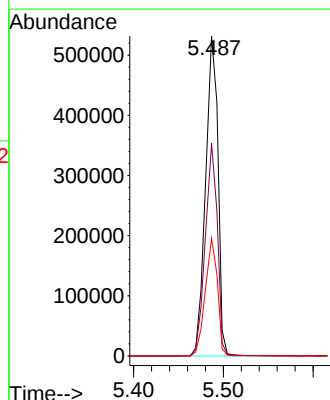
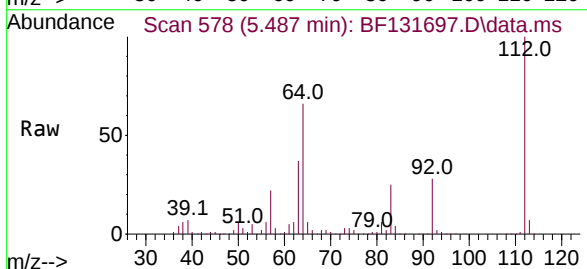
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-23

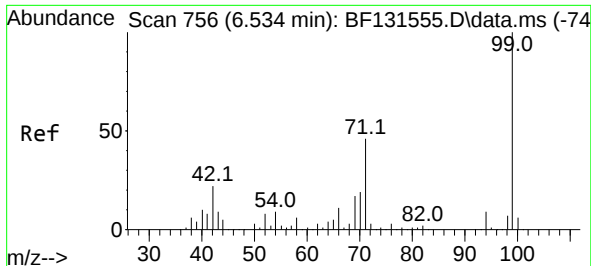
Tgt Ion:152 Resp: 75106  
 Ion Ratio Lower Upper  
 152 100  
 150 145.4 116.7 175.1  
 115 62.4 54.6 82.0



#5  
 2-Fluorophenol  
 Concen: 113.437 ng  
 RT: 5.487 min Scan# 578  
 Delta R.T. 0.006 min  
 Lab File: BF131697.D  
 Acq: 19 Dec 2022 19:37

Tgt Ion:112 Resp: 510692  
 Ion Ratio Lower Upper  
 112 100  
 64 66.4 54.5 81.7  
 63 36.7 31.9 47.9

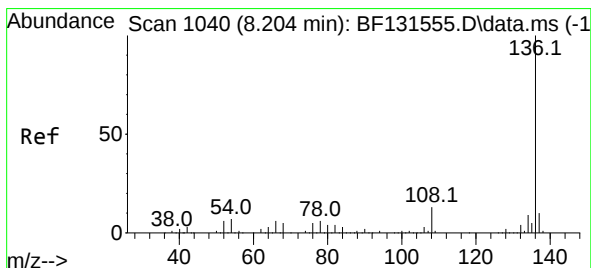
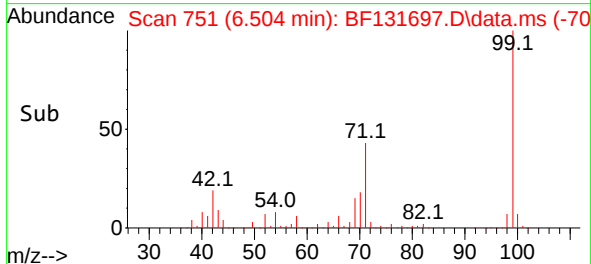
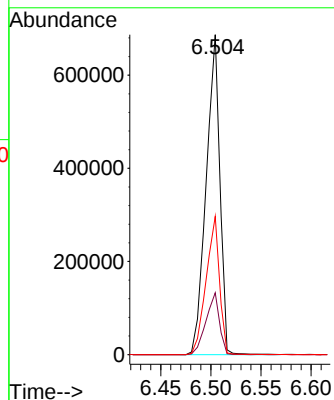
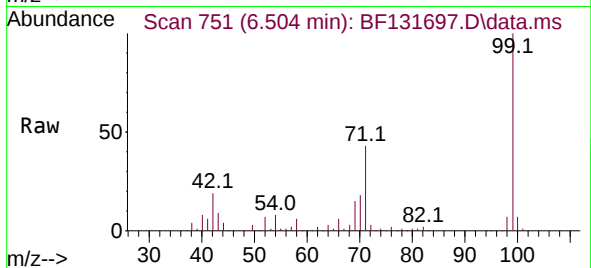




#7  
Phenol-d6  
Concen: 110.479 ng  
RT: 6.504 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF131697.D  
Acq: 19 Dec 2022 19:37

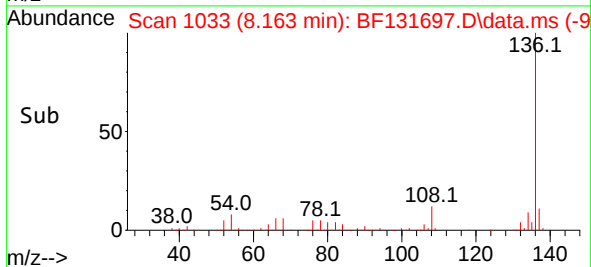
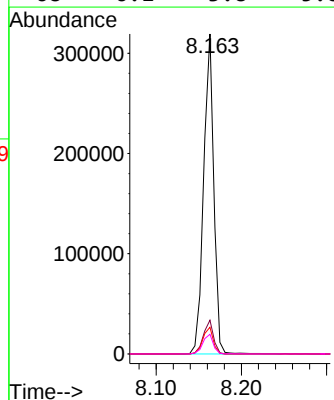
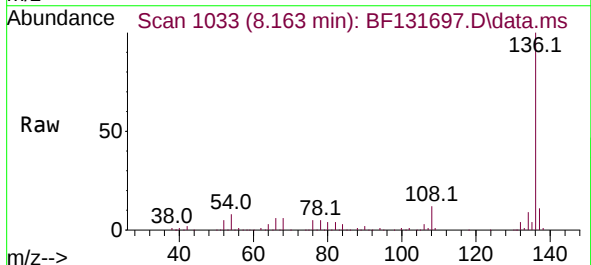
Instrument :  
BNA\_F  
ClientSampleId :  
MH-23

Tgt Ion: 99 Resp: 651777  
Ion Ratio Lower Upper  
99 100  
42 19.3 17.9 26.9  
71 43.2 37.2 55.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: BF131697.D  
Acq: 19 Dec 2022 19:37

Tgt Ion: 136 Resp: 263483  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.1 12.1  
54 8.3 6.0 9.0  
68 6.1 3.8 5.8

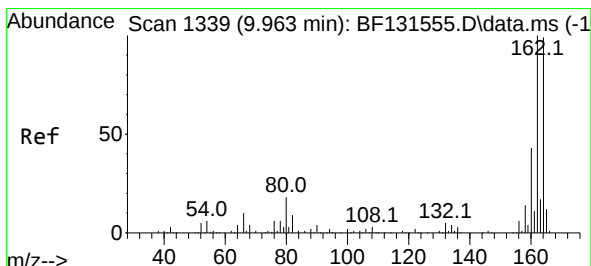
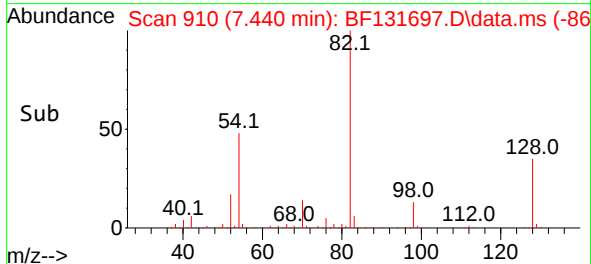
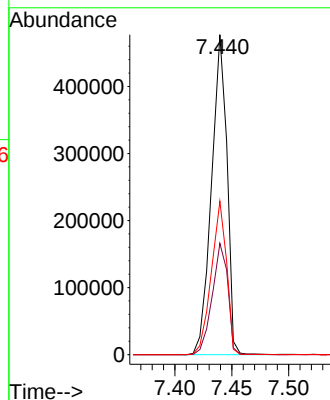
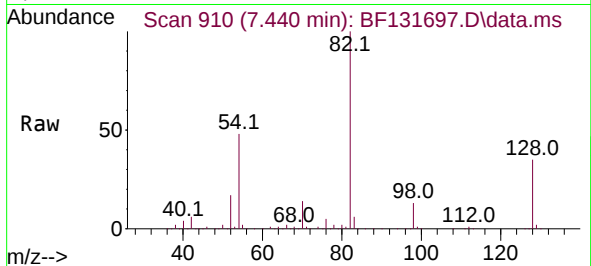




#23  
Nitrobenzene-d5  
Concen: 64.805 ng  
RT: 7.440 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF131697.D  
Acq: 19 Dec 2022 19:37

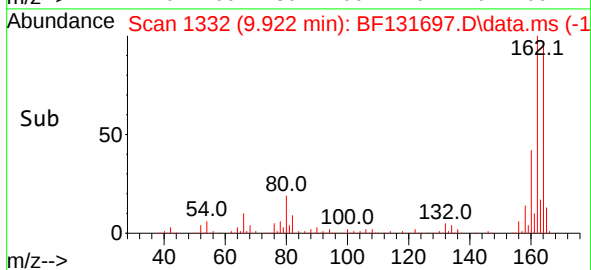
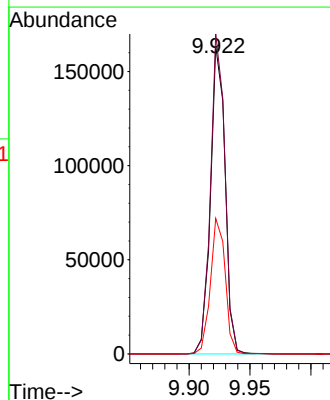
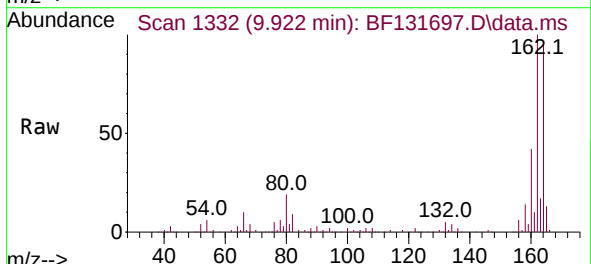
Instrument :  
BNA\_F  
ClientSampleId :  
MH-23

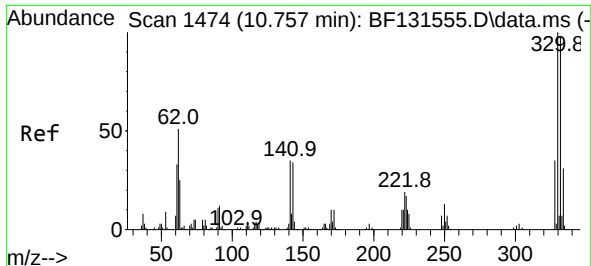
Tgt Ion: 82 Resp: 451637  
Ion Ratio Lower Upper  
82 100  
128 34.8 26.1 39.1  
54 47.9 40.6 60.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1332  
Delta R.T. -0.006 min  
Lab File: BF131697.D  
Acq: 19 Dec 2022 19:37

Tgt Ion:164 Resp: 136610  
Ion Ratio Lower Upper  
164 100  
162 104.0 81.0 121.6  
160 44.0 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 95.514 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131697.D

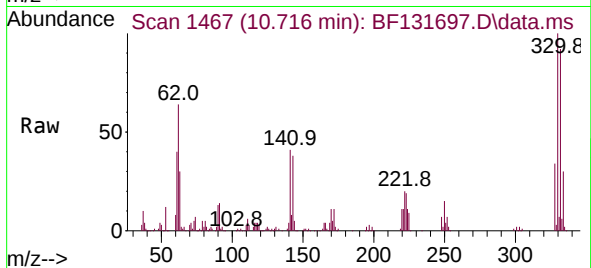
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Instrument :

BNA\_F

ClientSampleId :

MH-23



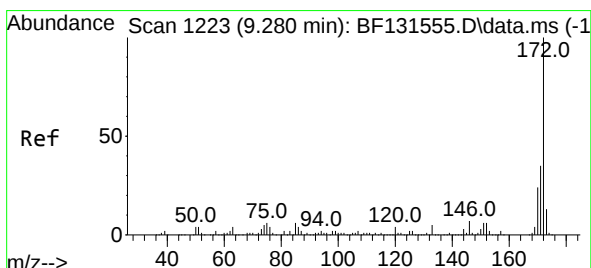
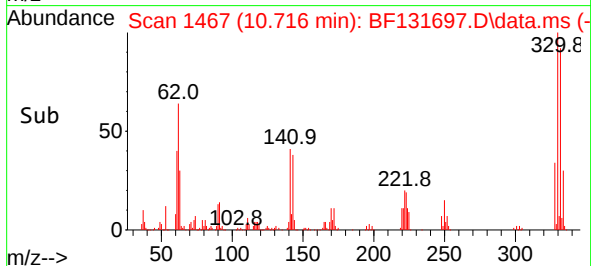
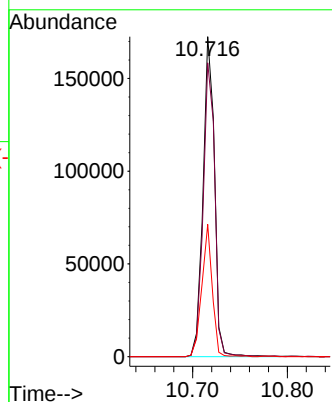
Tgt Ion:330 Resp: 144969

Ion Ratio Lower Upper

330 100

332 93.5 78.3 117.5

141 37.7 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 69.259 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131697.D

Acq: 19 Dec 2022 19:37

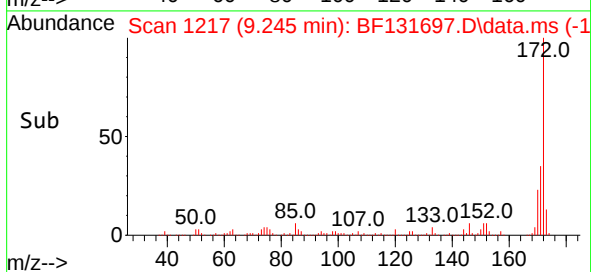
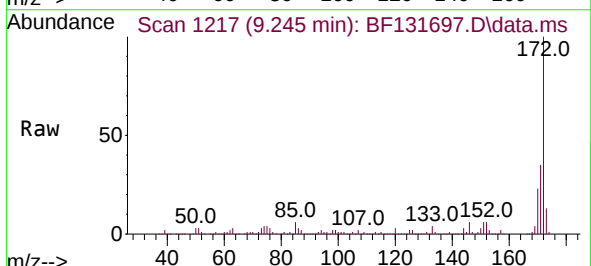
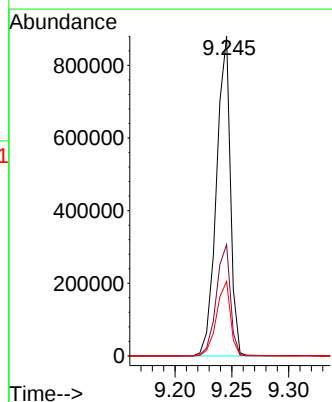
Tgt Ion:172 Resp: 750388

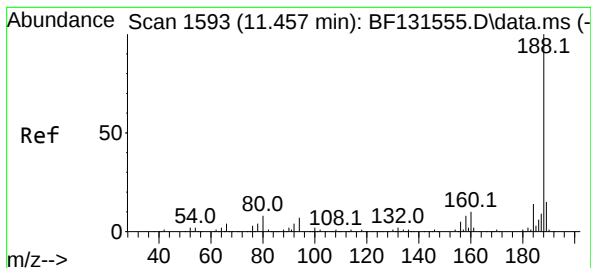
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.3 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131697.D

Acq: 19 Dec 2022 19:37

Instrument :

BNA\_F

ClientSampleId :

MH-23

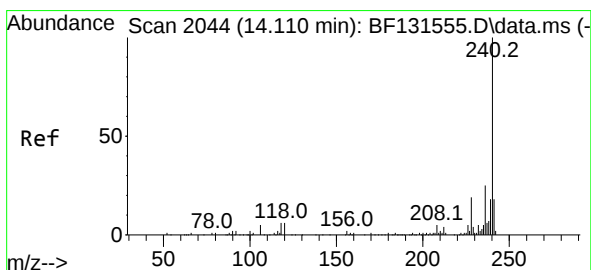
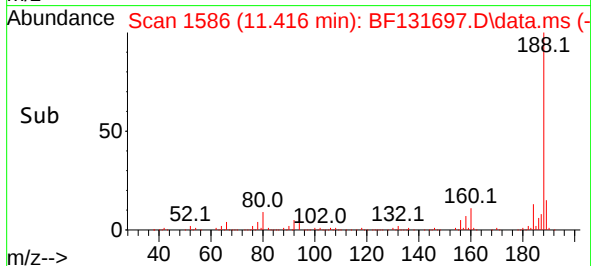
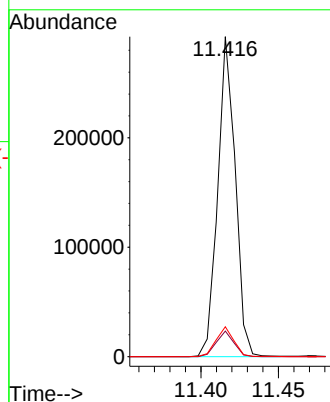
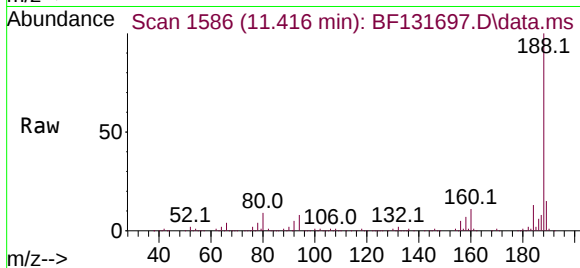
Tgt Ion:188 Resp: 230440

Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 9.3 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF131697.D

Acq: 19 Dec 2022 19:37

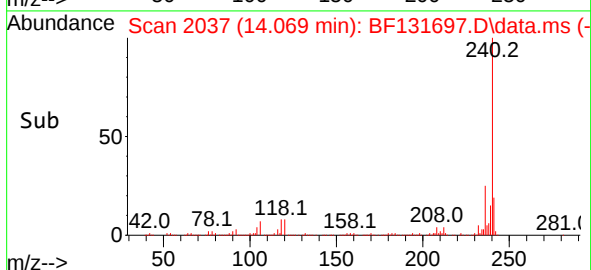
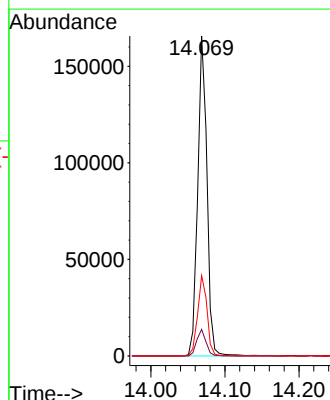
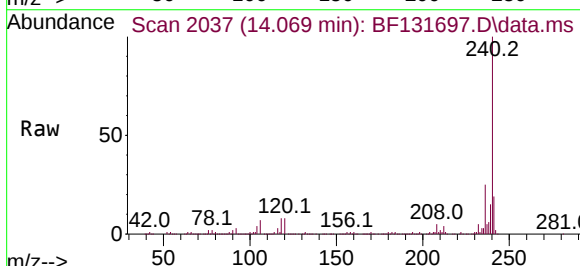
Tgt Ion:240 Resp: 143944

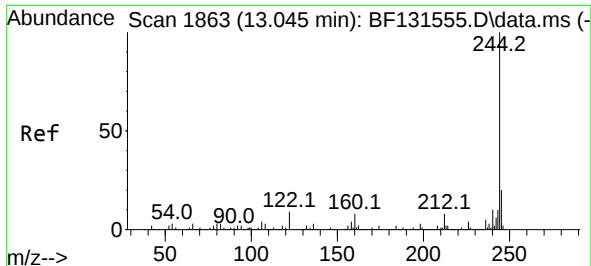
Ion Ratio Lower Upper

240 100

120 8.3 4.6 7.0#

236 25.1 20.2 30.2

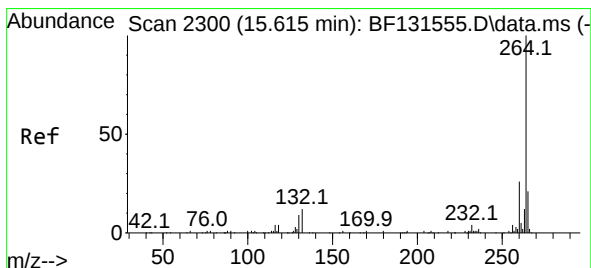
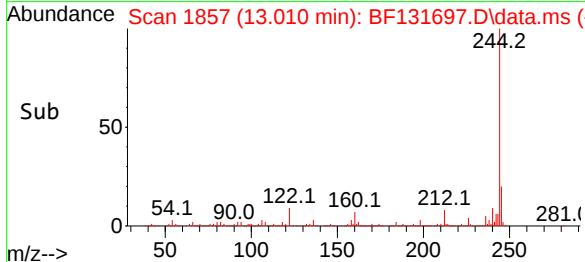
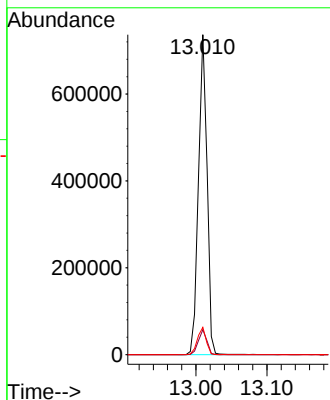
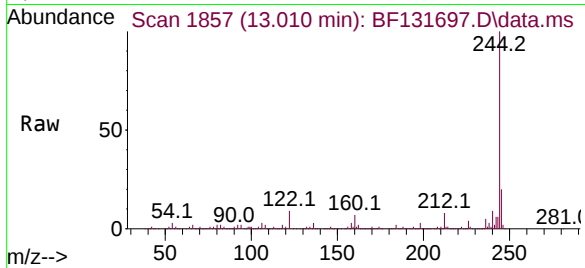




#79  
 Terphenyl-d14  
 Concen: 58.408 ng  
 RT: 13.010 min Scan# 1863  
 Delta R.T. 0.000 min  
 Lab File: BF131697.D  
 Acq: 19 Dec 2022 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-23

Tgt Ion:244 Resp: 613052  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.5 9.7  
 122 8.5 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.574 min Scan# 2293  
 Delta R.T. 0.000 min  
 Lab File: BF131697.D  
 Acq: 19 Dec 2022 19:37

Tgt Ion:264 Resp: 175650  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 20.6 30.8  
 265 20.6 16.8 25.2

