

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121922\  
 Data File : BF131690.D  
 Acq On : 19 Dec 2022 15:51  
 Operator : CG\JU  
 Sample : N6065-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-23

Quant Time: Dec 20 01:04:15 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  | 83025    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 302122   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 178313   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.422 | 188  | 352176   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.068 | 240  | 181904   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.574 | 264  | 165232   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 700500   | 140.757 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 844651   | 129.517 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 685357   | 85.764  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 310591   | 156.776 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1197569  | 84.682  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.016 | 244  | 1441821  | 108.701 | ng    | 0.00     |

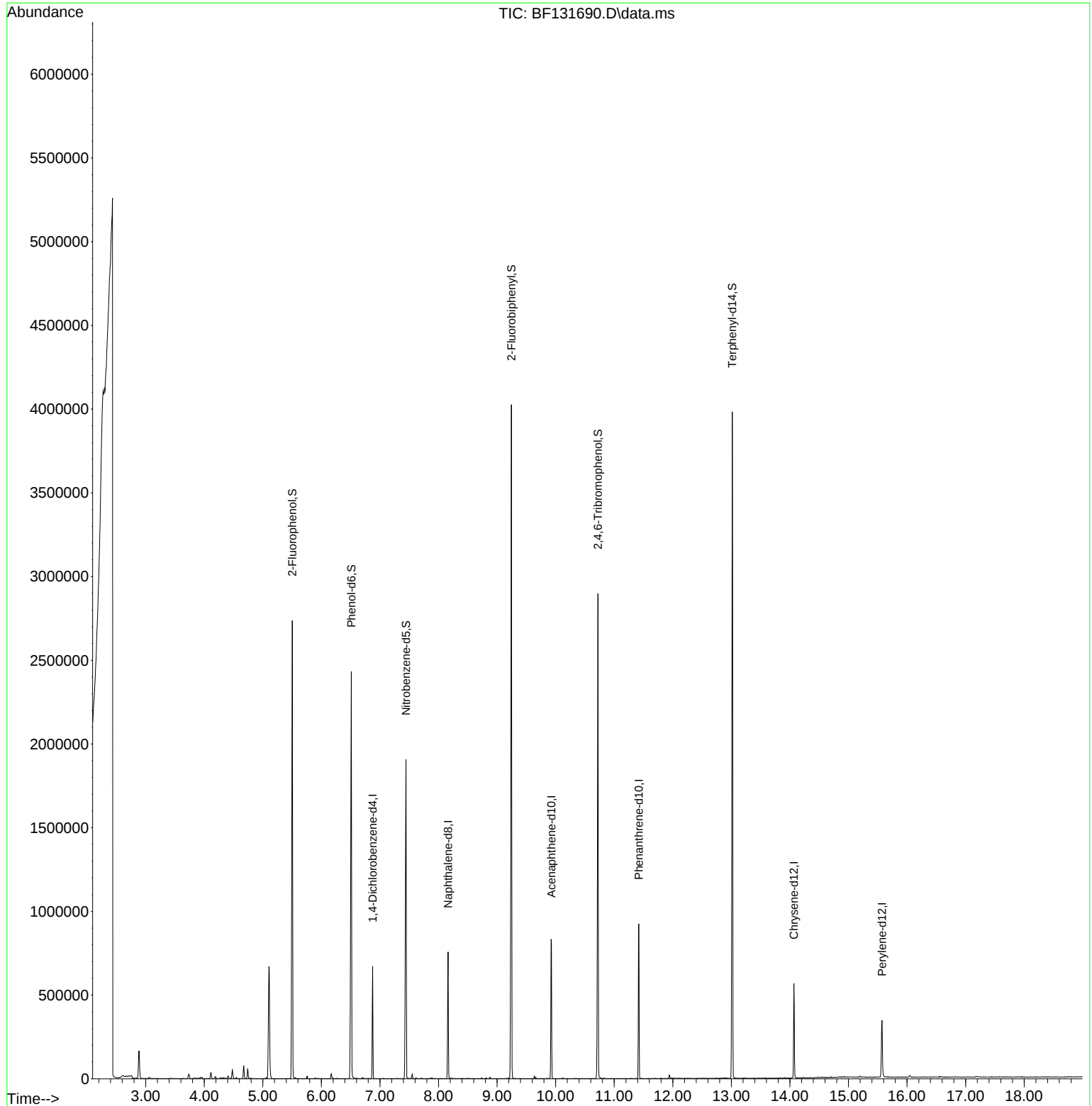
Target Compounds Qvalue

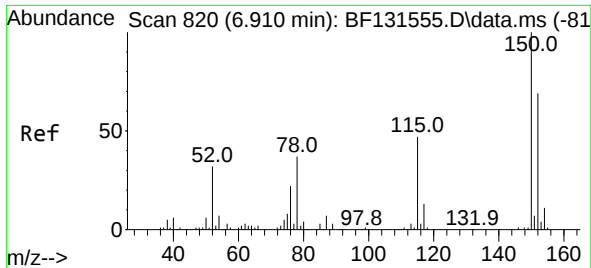
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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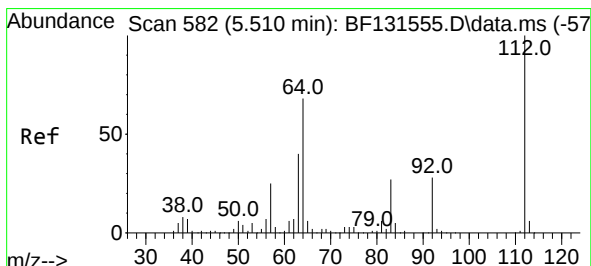
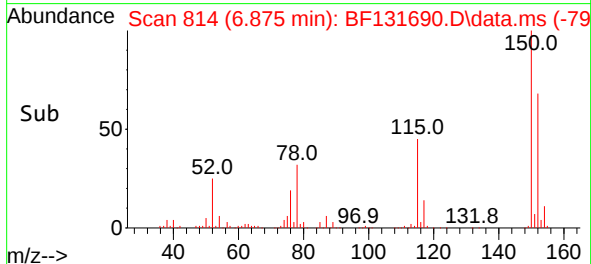
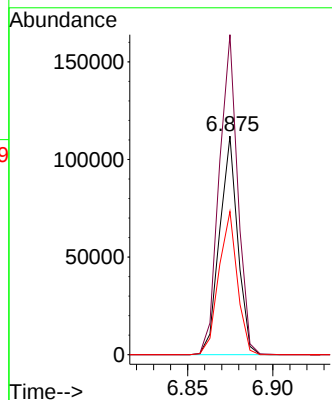
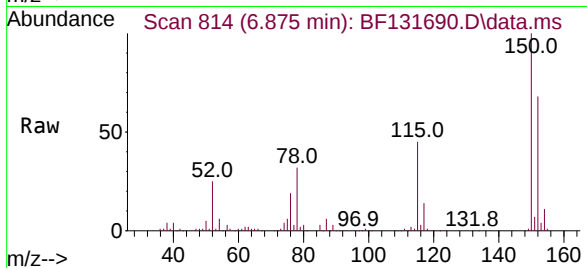




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF131690.D  
Acq: 19 Dec 2022 15:51

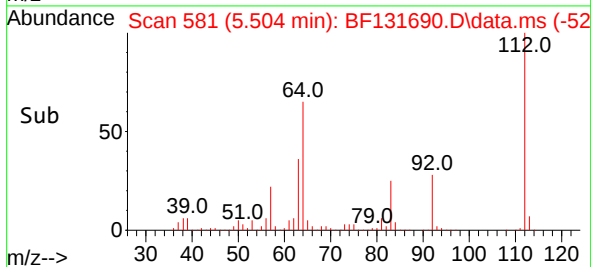
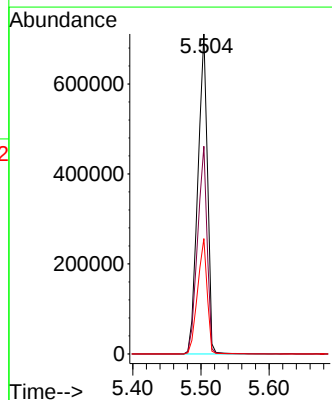
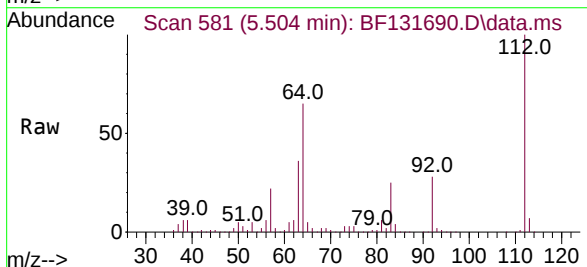
Instrument :  
BNA\_F  
ClientSampleId :  
MH-23

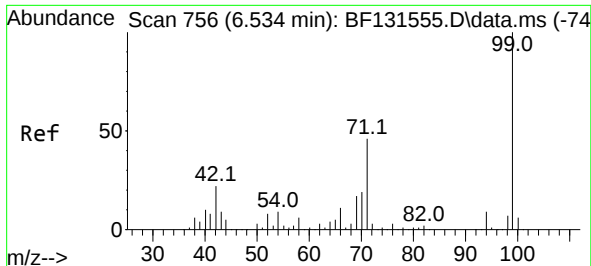
Tgt Ion:152 Resp: 83025  
Ion Ratio Lower Upper  
152 100  
150 146.5 116.7 175.1  
115 65.5 54.6 82.0



#5  
2-Fluorophenol  
Concen: 140.757 ng  
RT: 5.504 min Scan# 581  
Delta R.T. 0.024 min  
Lab File: BF131690.D  
Acq: 19 Dec 2022 15:51

Tgt Ion:112 Resp: 700500  
Ion Ratio Lower Upper  
112 100  
64 64.9 54.5 81.7  
63 36.0 31.9 47.9





#7

Phenol-d6

Concen: 129.517 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF131690.D

Acq: 19 Dec 2022 15:51

Instrument :

BNA\_F

ClientSampleId :

MH-23

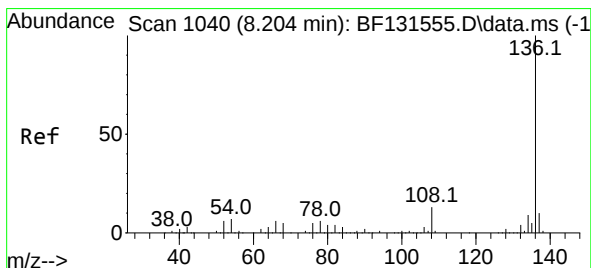
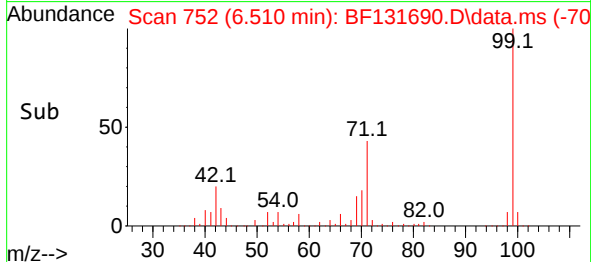
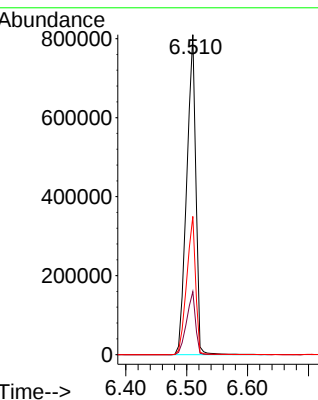
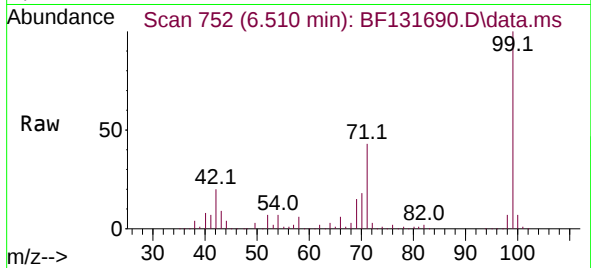
Tgt Ion: 99 Resp: 844651

Ion Ratio Lower Upper

99 100

42 19.7 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: BF131690.D

Acq: 19 Dec 2022 15:51

Tgt Ion:136 Resp: 302122

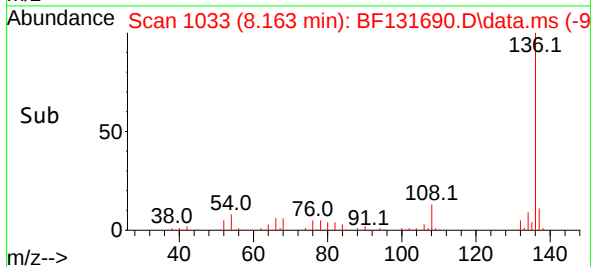
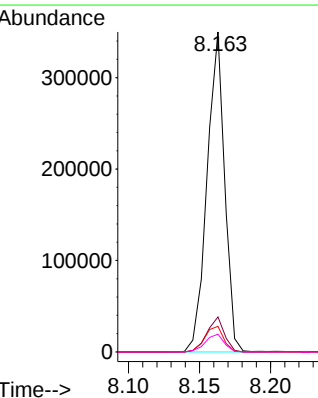
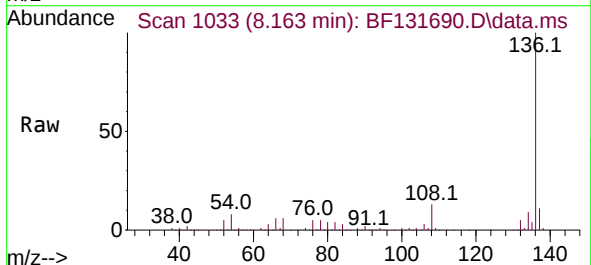
Ion Ratio Lower Upper

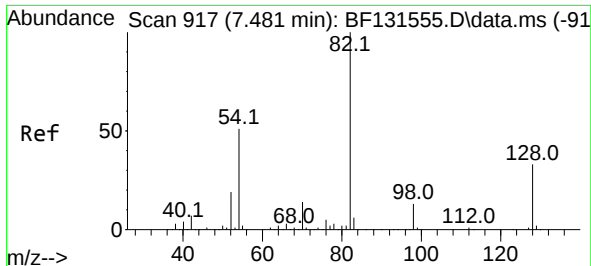
136 100

137 10.9 8.1 12.1

54 8.0 6.0 9.0

68 5.5 3.8 5.8

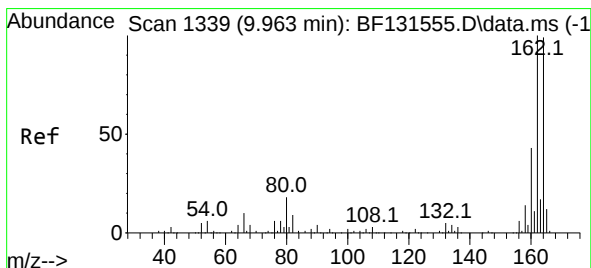
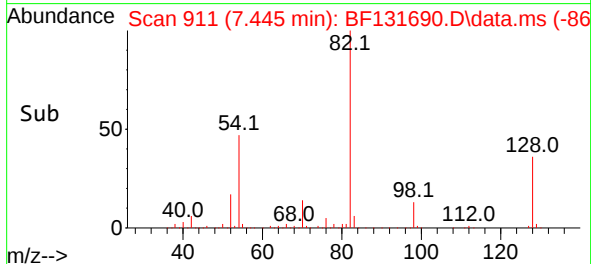
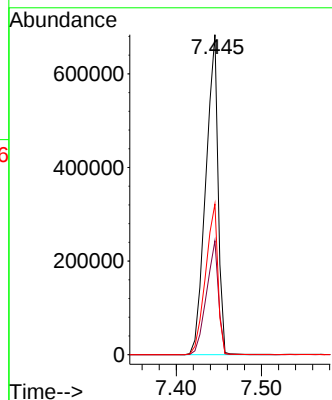
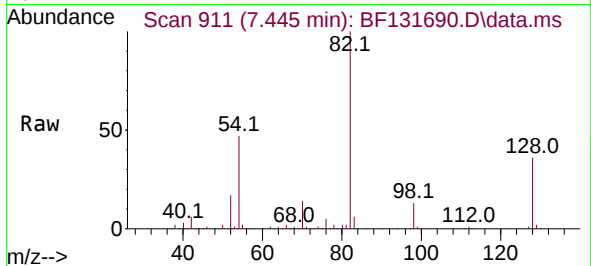




#23  
Nitrobenzene-d5  
Concen: 85.764 ng  
RT: 7.445 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: BF131690.D  
Acq: 19 Dec 2022 15:51

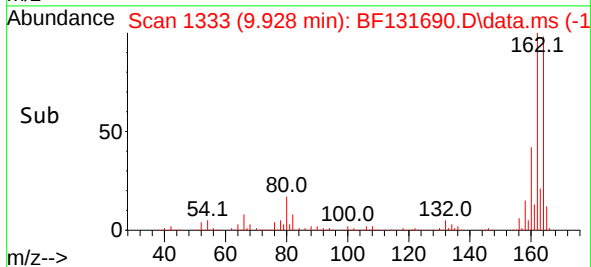
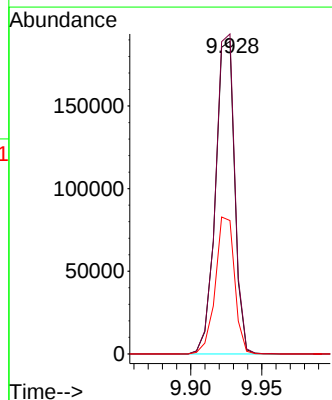
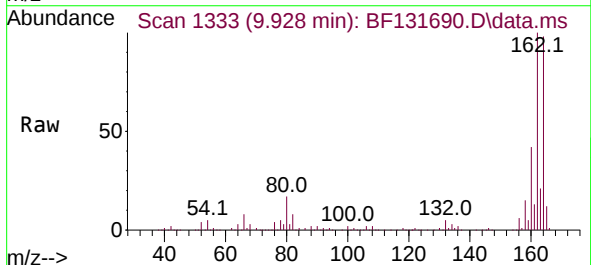
Instrument :  
BNA\_F  
ClientSampleId :  
MH-23

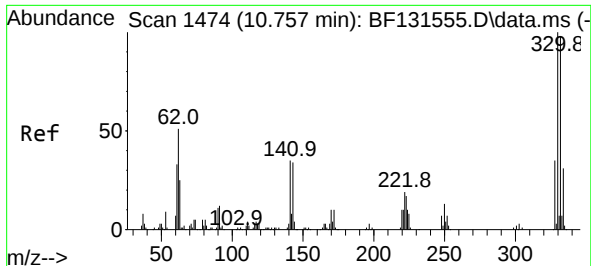
Tgt Ion: 82 Resp: 685357  
Ion Ratio Lower Upper  
82 100  
128 35.6 26.1 39.1  
54 47.1 40.6 60.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: BF131690.D  
Acq: 19 Dec 2022 15:51

Tgt Ion:164 Resp: 178313  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.0 121.6  
160 42.7 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 156.776 ng

RT: 10.722 min Scan# 1468

Delta R.T. 0.000 min

Lab File: BF131690.D

Acq: 19 Dec 2022 15:51

Instrument :

BNA\_F

ClientSampleId :

MH-23

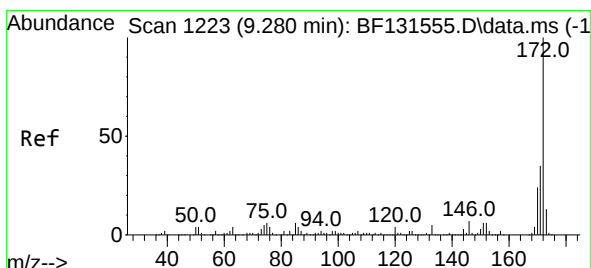
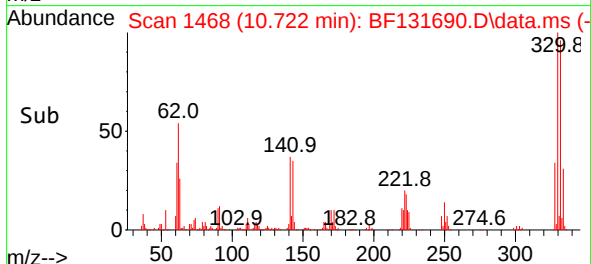
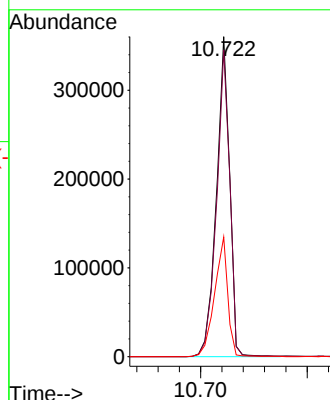
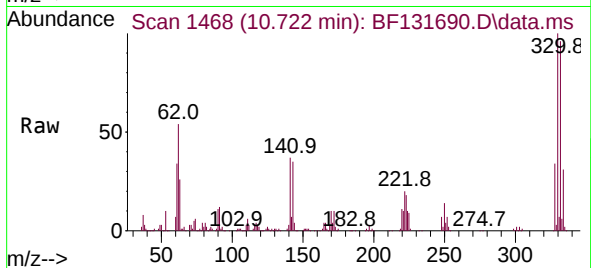
Tgt Ion:330 Resp: 310591

Ion Ratio Lower Upper

330 100

332 96.0 78.3 117.5

141 37.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 84.682 ng

RT: 9.245 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF131690.D

Acq: 19 Dec 2022 15:51

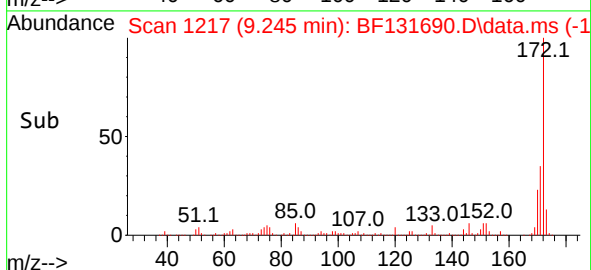
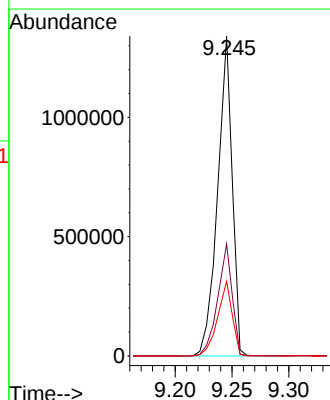
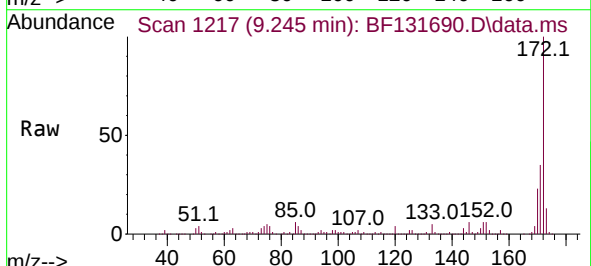
Tgt Ion:172 Resp: 1197569

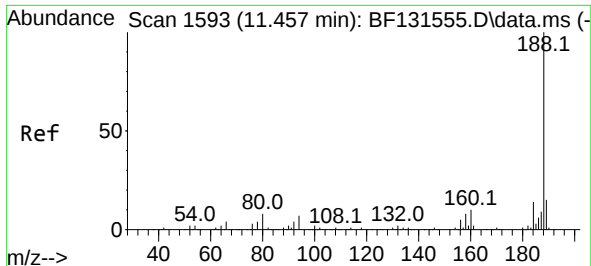
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.4 19.3 28.9

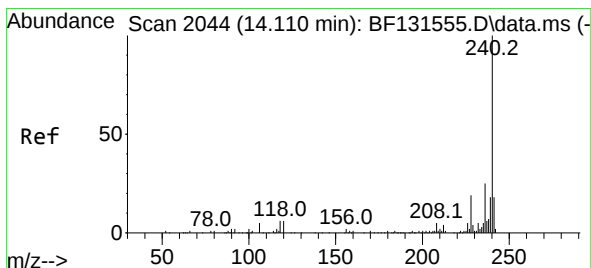
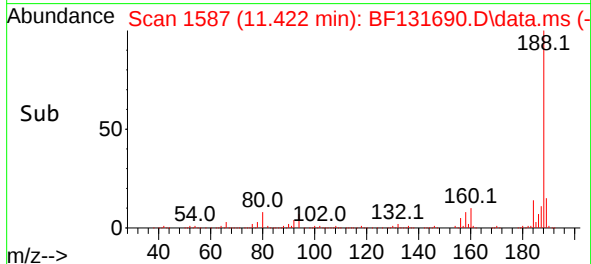
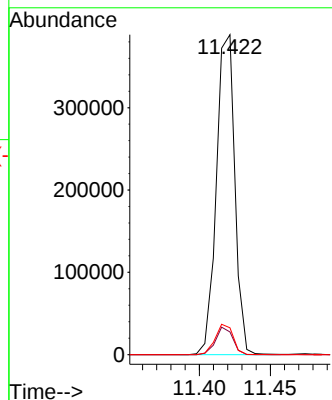
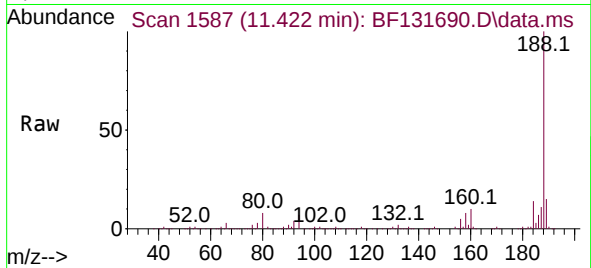




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.422 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF131690.D  
Acq: 19 Dec 2022 15:51

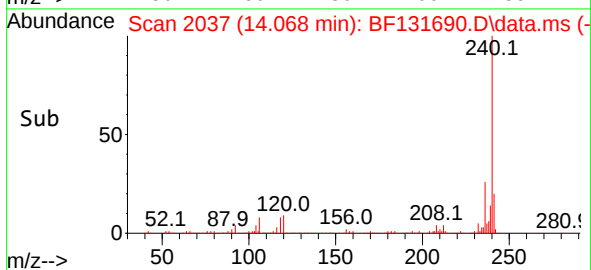
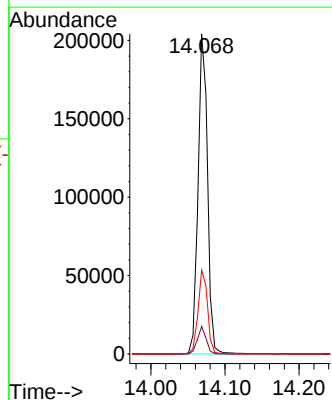
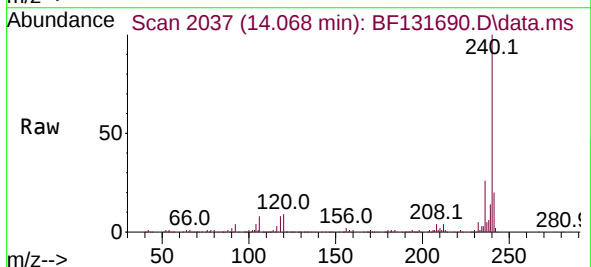
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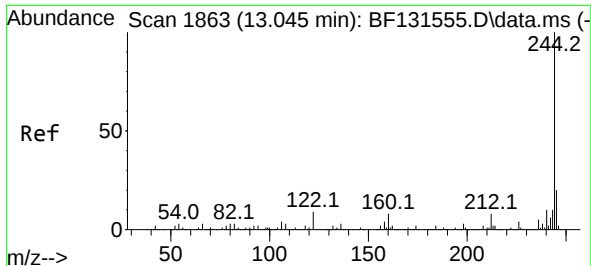
Tgt Ion:188 Resp: 352176  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.5 8.3  
80 8.4 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. -0.006 min  
Lab File: BF131690.D  
Acq: 19 Dec 2022 15:51

Tgt Ion:240 Resp: 181904  
Ion Ratio Lower Upper  
240 100  
120 8.6 4.6 7.0#  
236 26.2 20.2 30.2

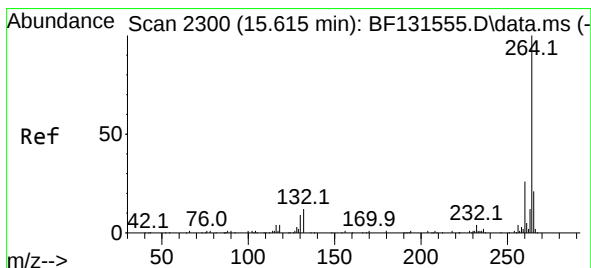
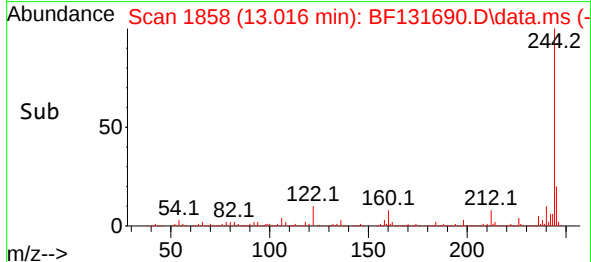
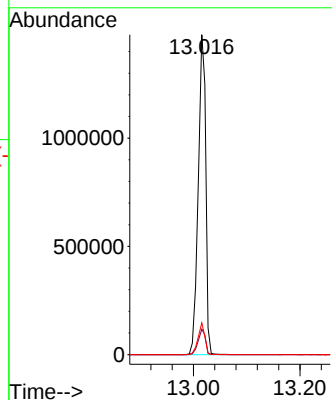
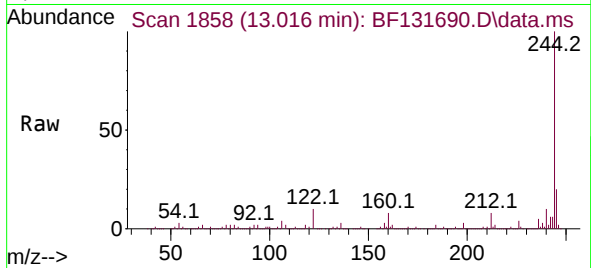




#79  
 Terphenyl-d14  
 Concen: 108.701 ng  
 RT: 13.016 min Scan# 1863  
 Delta R.T. 0.006 min  
 Lab File: BF131690.D  
 Acq: 19 Dec 2022 15:51

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-23

Tgt Ion:244 Resp: 1441821  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.5 9.7  
 122 9.9 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: BF131690.D  
 Acq: 19 Dec 2022 15:51

Tgt Ion:264 Resp: 165232  
 Ion Ratio Lower Upper  
 264 100  
 260 24.9 20.6 30.8  
 265 20.2 16.8 25.2

