

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121522\  
 Data File : BF131657.D  
 Acq On : 15 Dec 2022 19:30  
 Operator : CG\JU  
 Sample : N6038-10  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB-33-(5-7)

Quant Time: Dec 16 01:54:40 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 16 01:44:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 69601    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 253771   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.933  | 164  | 149764   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.428 | 188  | 282564   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.080 | 240  | 147146   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.580 | 264  | 155824   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 458263   | 109.842 | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 628408   | 114.943 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 436179   | 64.982  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.728 | 330  | 135135   | 81.215  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 713041   | 60.031  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.022 | 244  | 702821   | 65.503  | ng    | 0.00     |

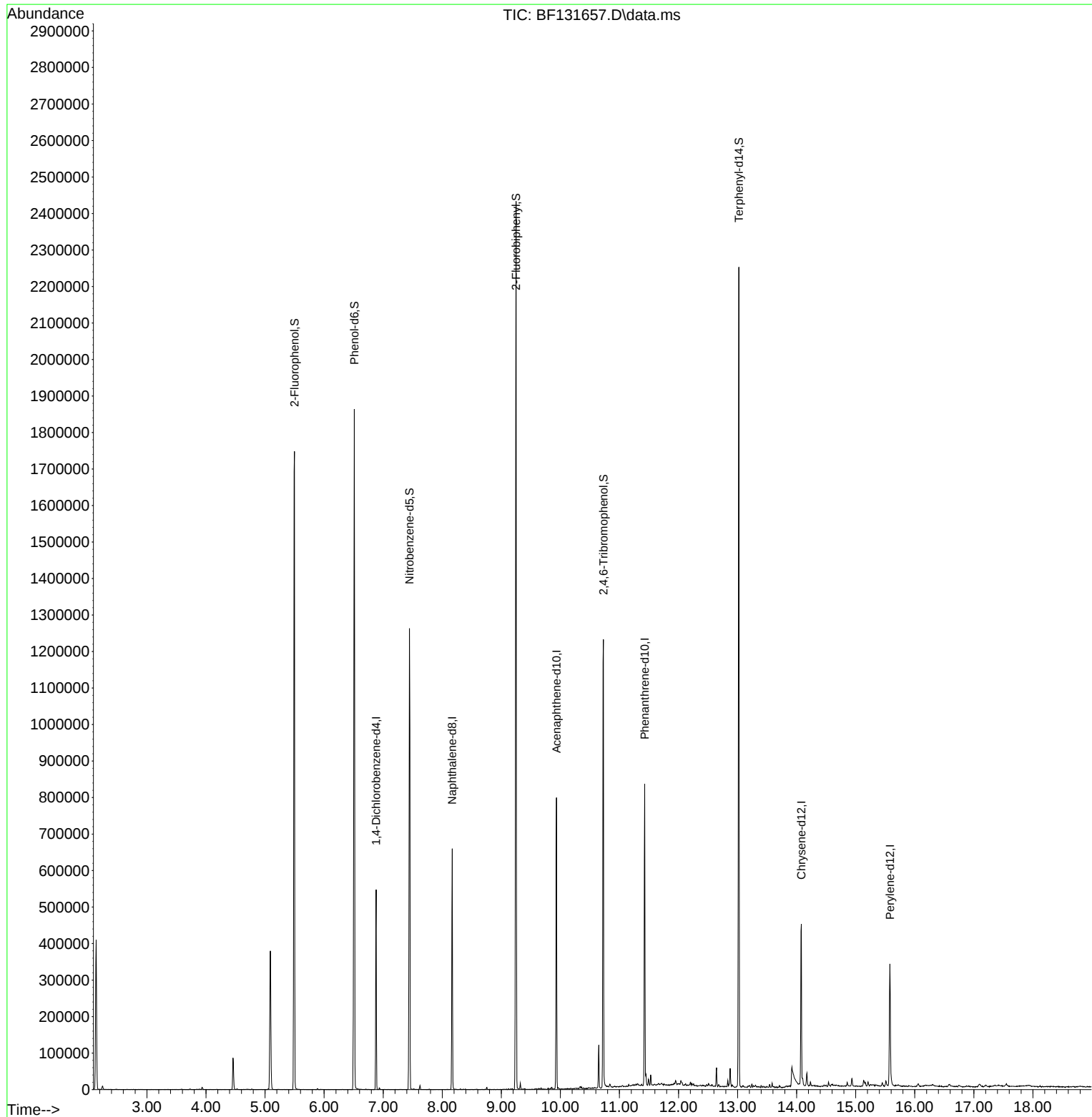
Target Compounds Qvalue

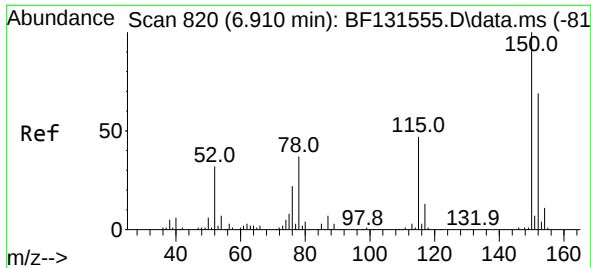
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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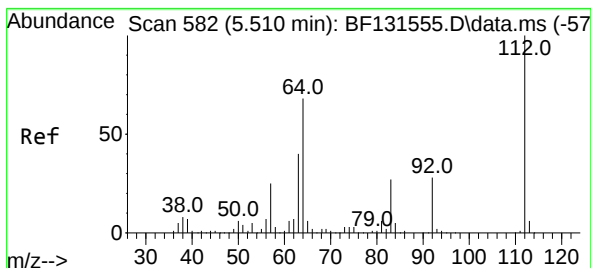
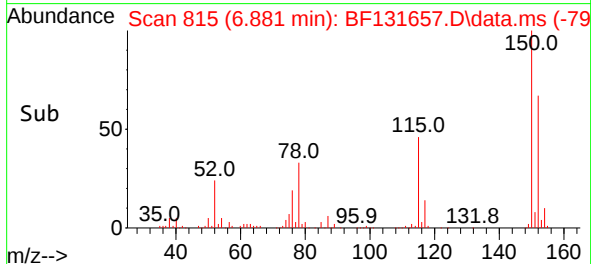
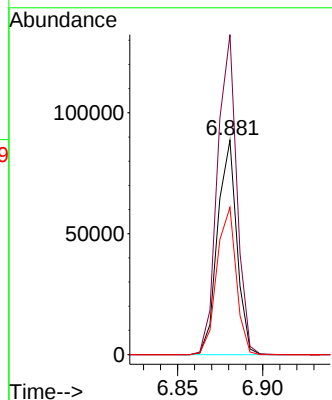
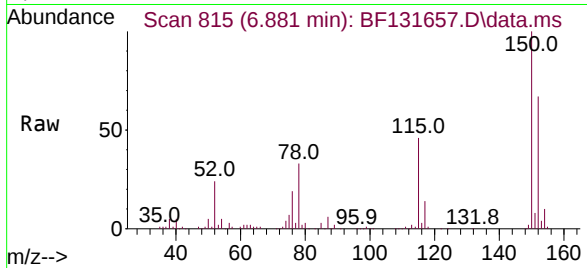




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 81  
 Delta R.T. -0.000 min  
 Lab File: BF131657.D  
 Acq: 15 Dec 2022 19:30

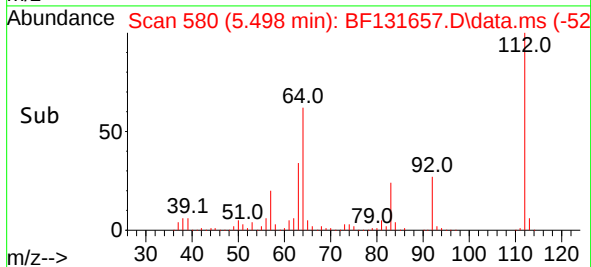
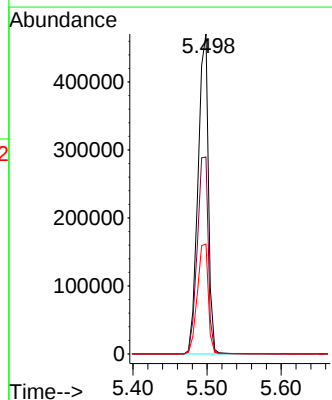
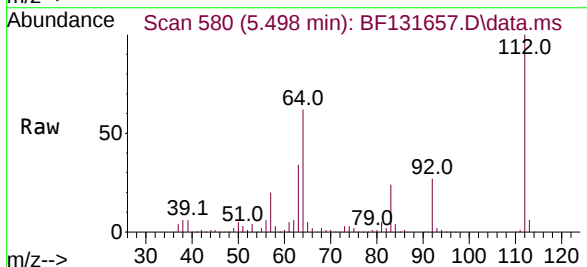
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB-33-(5-7)

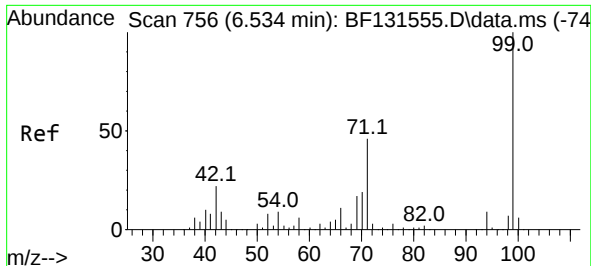
Tgt Ion:152 Resp: 69601  
 Ion Ratio Lower Upper  
 152 100  
 150 149.3 116.7 175.1  
 115 68.7 54.6 82.0



#5  
 2-Fluorophenol  
 Concen: 109.842 ng  
 RT: 5.498 min Scan# 580  
 Delta R.T. 0.006 min  
 Lab File: BF131657.D  
 Acq: 15 Dec 2022 19:30

Tgt Ion:112 Resp: 458263  
 Ion Ratio Lower Upper  
 112 100  
 64 61.5 54.5 81.7  
 63 34.3 31.9 47.9

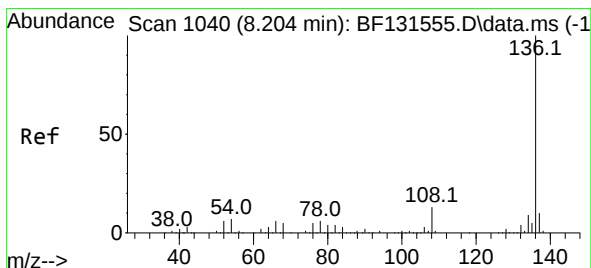
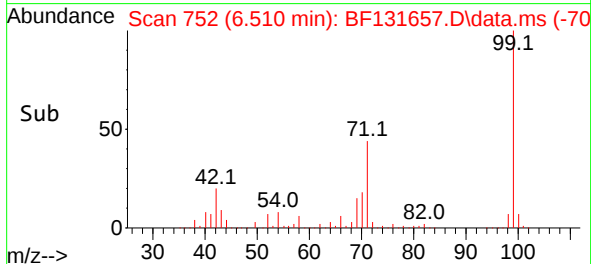
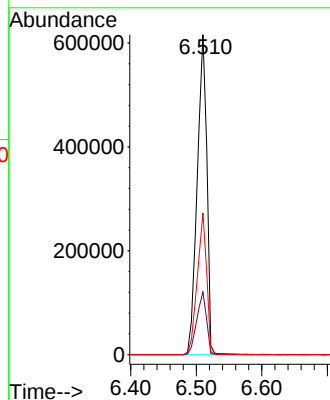
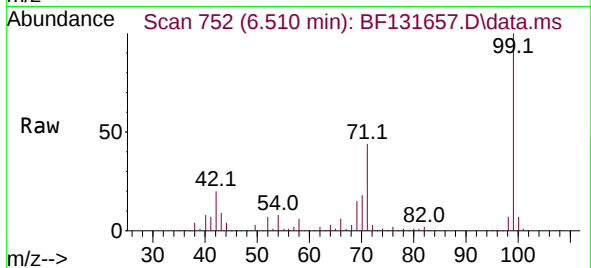




#7  
Phenol-d6  
Concen: 114.943 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF131657.D  
Acq: 15 Dec 2022 19:30

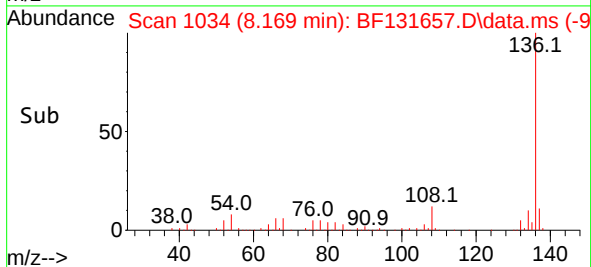
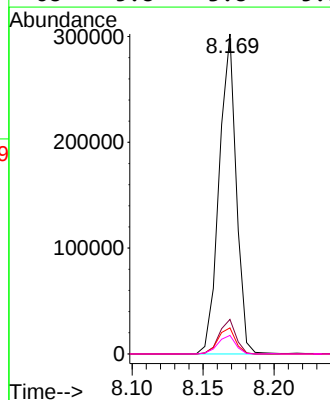
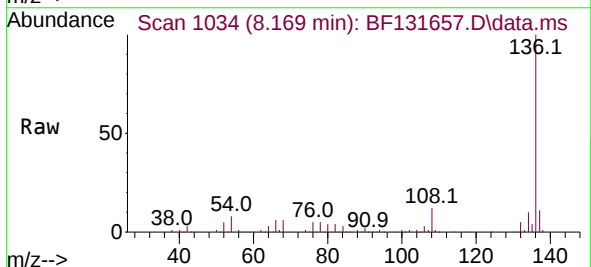
Instrument :  
BNA\_F  
ClientSampleId :  
RB-33-(5-7)

Tgt Ion: 99 Resp: 628408  
Ion Ratio Lower Upper  
99 100  
42 19.5 17.9 26.9  
71 44.3 37.2 55.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF131657.D  
Acq: 15 Dec 2022 19:30

Tgt Ion:136 Resp: 253771  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.1 12.1  
54 8.2 6.0 9.0  
68 5.8 3.8 5.8#

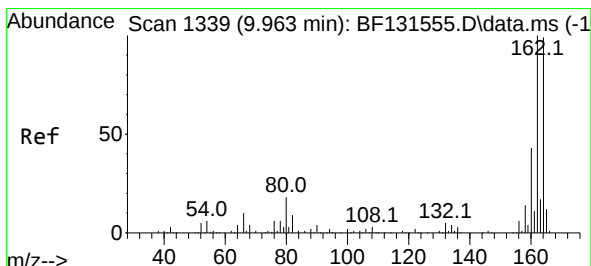
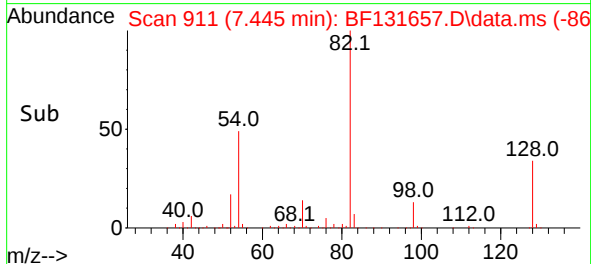
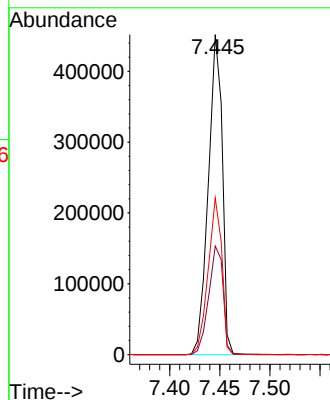
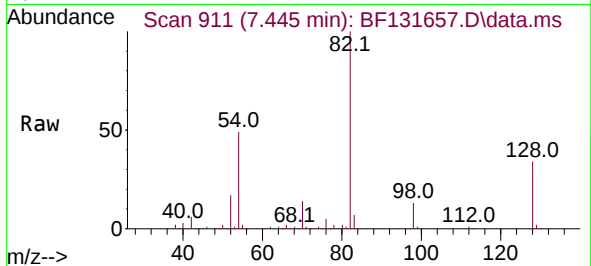




#23  
Nitrobenzene-d5  
Concen: 64.982 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF131657.D  
Acq: 15 Dec 2022 19:30

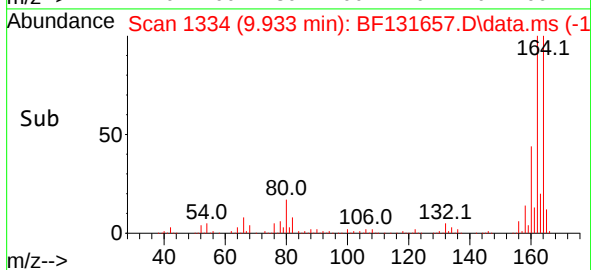
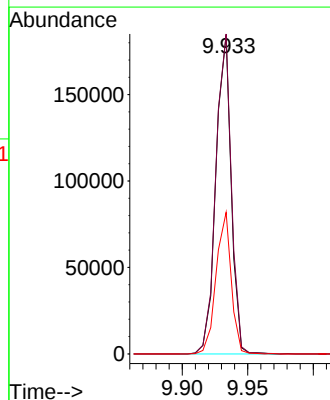
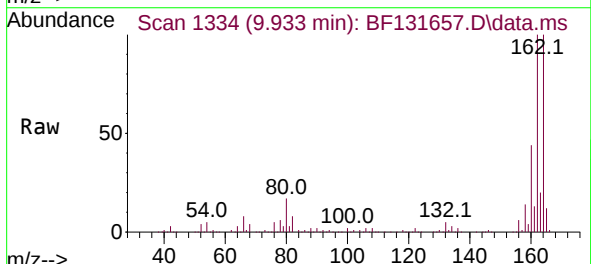
Instrument :  
BNA\_F  
ClientSampleId :  
RB-33-(5-7)

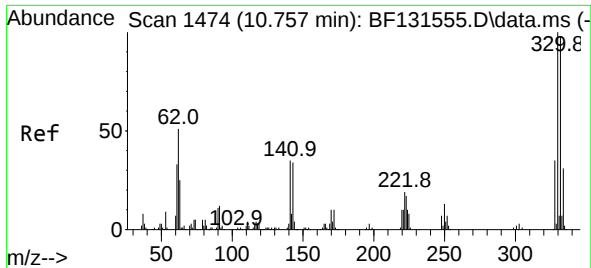
Tgt Ion: 82 Resp: 436179  
Ion Ratio Lower Upper  
82 100  
128 33.9 26.1 39.1  
54 49.0 40.6 60.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF131657.D  
Acq: 15 Dec 2022 19:30

Tgt Ion:164 Resp: 149764  
Ion Ratio Lower Upper  
164 100  
162 100.5 81.0 121.6  
160 44.4 35.0 52.6

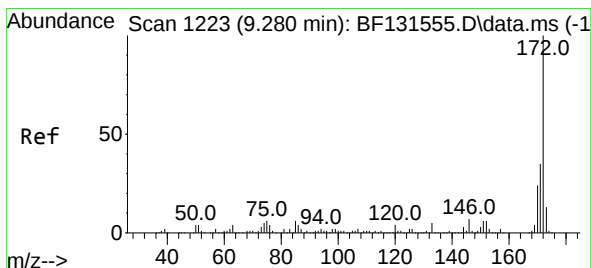
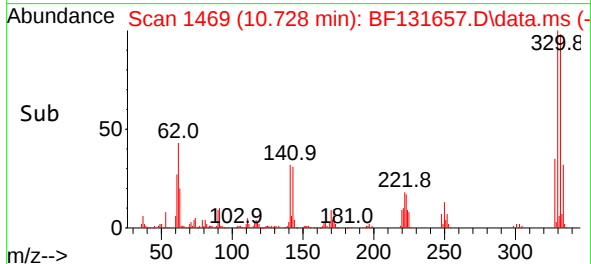
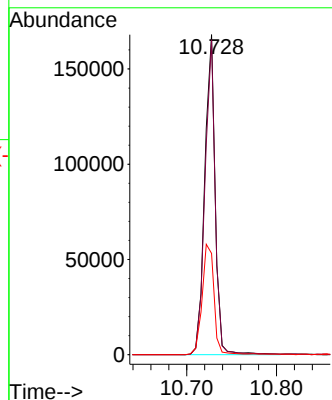
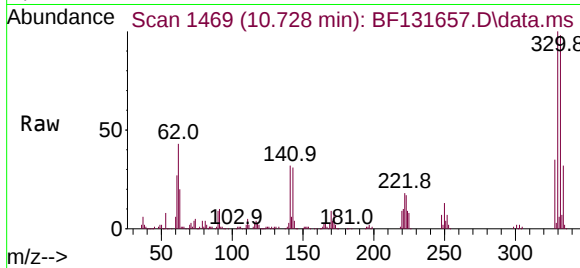




#42  
 2,4,6-Tribromophenol  
 Concen: 81.215 ng  
 RT: 10.728 min Scan# 1474  
 Delta R.T. -0.006 min  
 Lab File: BF131657.D  
 Acq: 15 Dec 2022 19:30

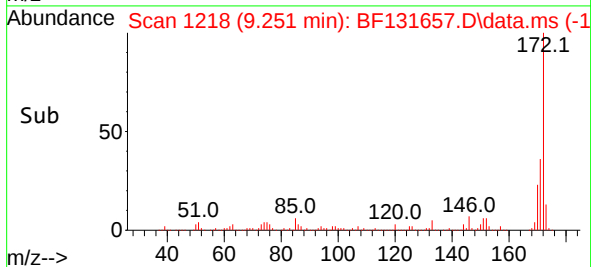
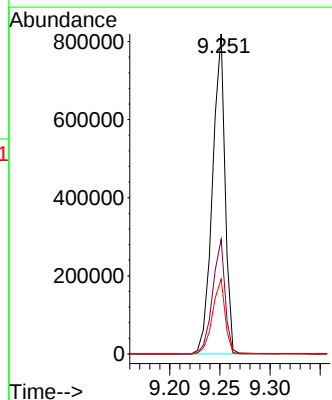
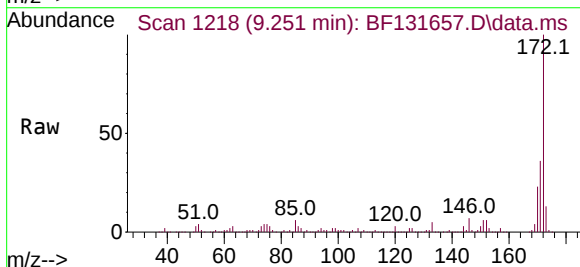
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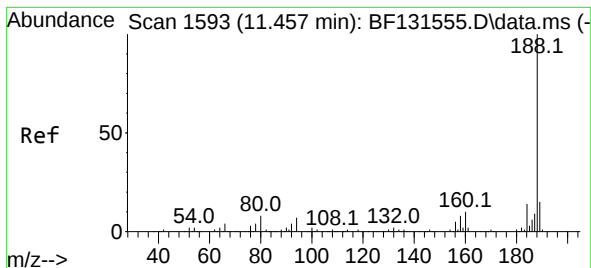
Tgt Ion:330 Resp: 135135  
 Ion Ratio Lower Upper  
 330 100  
 332 96.7 78.3 117.5  
 141 39.1 32.6 49.0



#45  
 2-Fluorobiphenyl  
 Concen: 60.031 ng  
 RT: 9.251 min Scan# 1218  
 Delta R.T. 0.000 min  
 Lab File: BF131657.D  
 Acq: 15 Dec 2022 19:30

Tgt Ion:172 Resp: 713041  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 28.3 42.5  
 170 23.4 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131657.D

Acq: 15 Dec 2022 19:30

Instrument :

BNA\_F

ClientSampleId :

RB-33-(5-7)

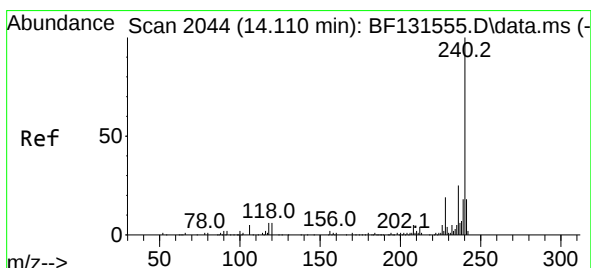
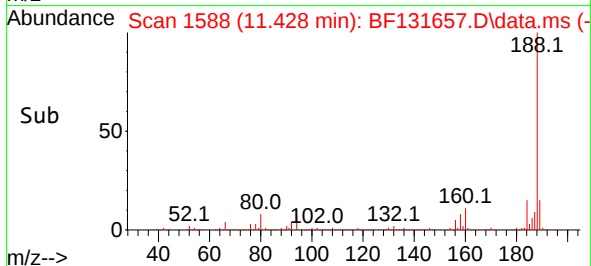
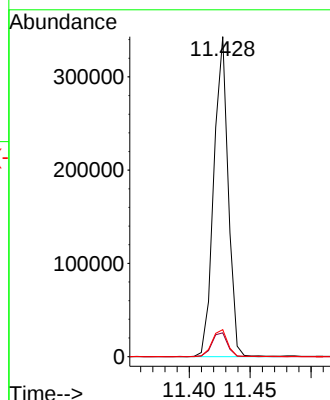
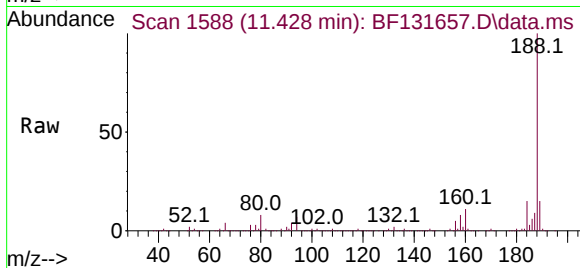
Tgt Ion:188 Resp: 282564

Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

80 8.4 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF131657.D

Acq: 15 Dec 2022 19:30

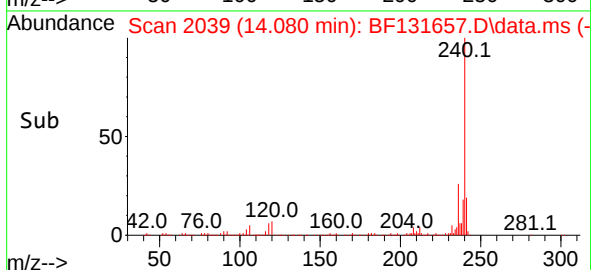
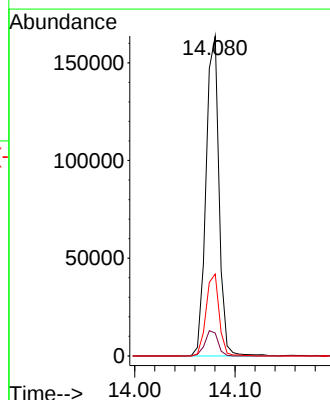
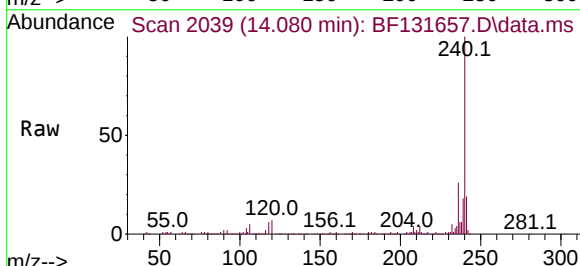
Tgt Ion:240 Resp: 147146

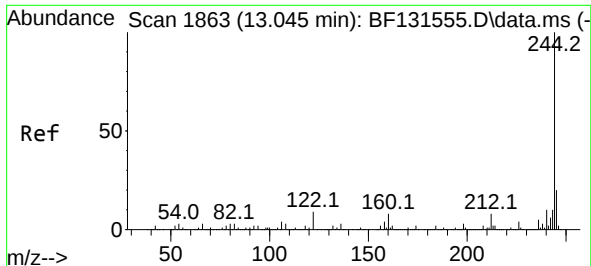
Ion Ratio Lower Upper

240 100

120 7.1 4.6 7.0#

236 25.6 20.2 30.2

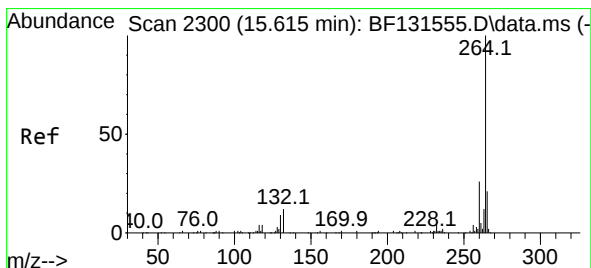
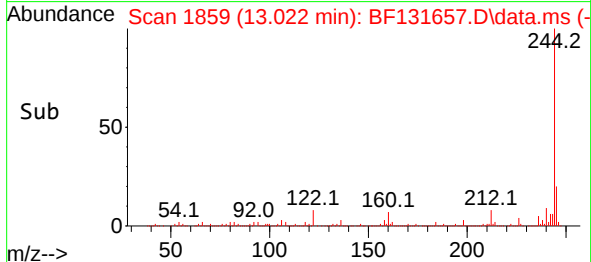
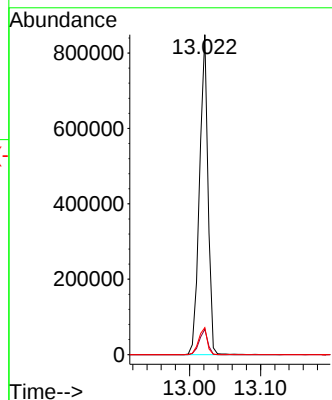
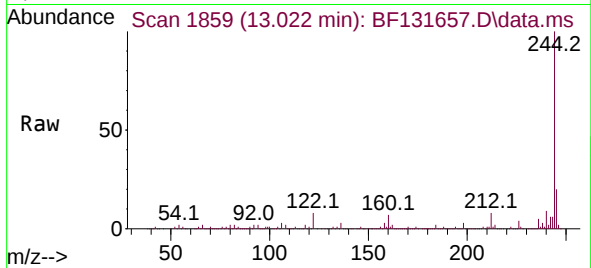




#79  
 Terphenyl-d14  
 Concen: 65.503 ng  
 RT: 13.022 min Scan# 1863  
 Delta R.T. 0.000 min  
 Lab File: BF131657.D  
 Acq: 15 Dec 2022 19:30

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 702821  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.5 9.7  
 122 8.5 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.580 min Scan# 2294  
 Delta R.T. 0.000 min  
 Lab File: BF131657.D  
 Acq: 15 Dec 2022 19:30

Tgt Ion:264 Resp: 155824  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 20.6 30.8  
 265 21.2 16.8 25.2

