

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072823\  
 Data File : BF134532.D  
 Acq On : 29 Jul 2023 00:42  
 Operator : CG\JU  
 Sample : 03733-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-6-072423

Quant Time: Jul 29 01:29:24 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF072423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 27 12:16:03 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.828  | 152  | 91950    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.110  | 136  | 190748   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.869  | 164  | 81040    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 135082   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.021 | 240  | 100706   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.521 | 264  | 96003    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 402982   | 72.409 | ng    | 0.00     |
| 7) Phenol-d6                | 6.475  | 99   | 525418   | 77.056 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.392  | 82   | 300012   | 79.576 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 79061    | 68.663 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 367536   | 59.538 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 337457   | 58.496 | ng    | 0.00     |

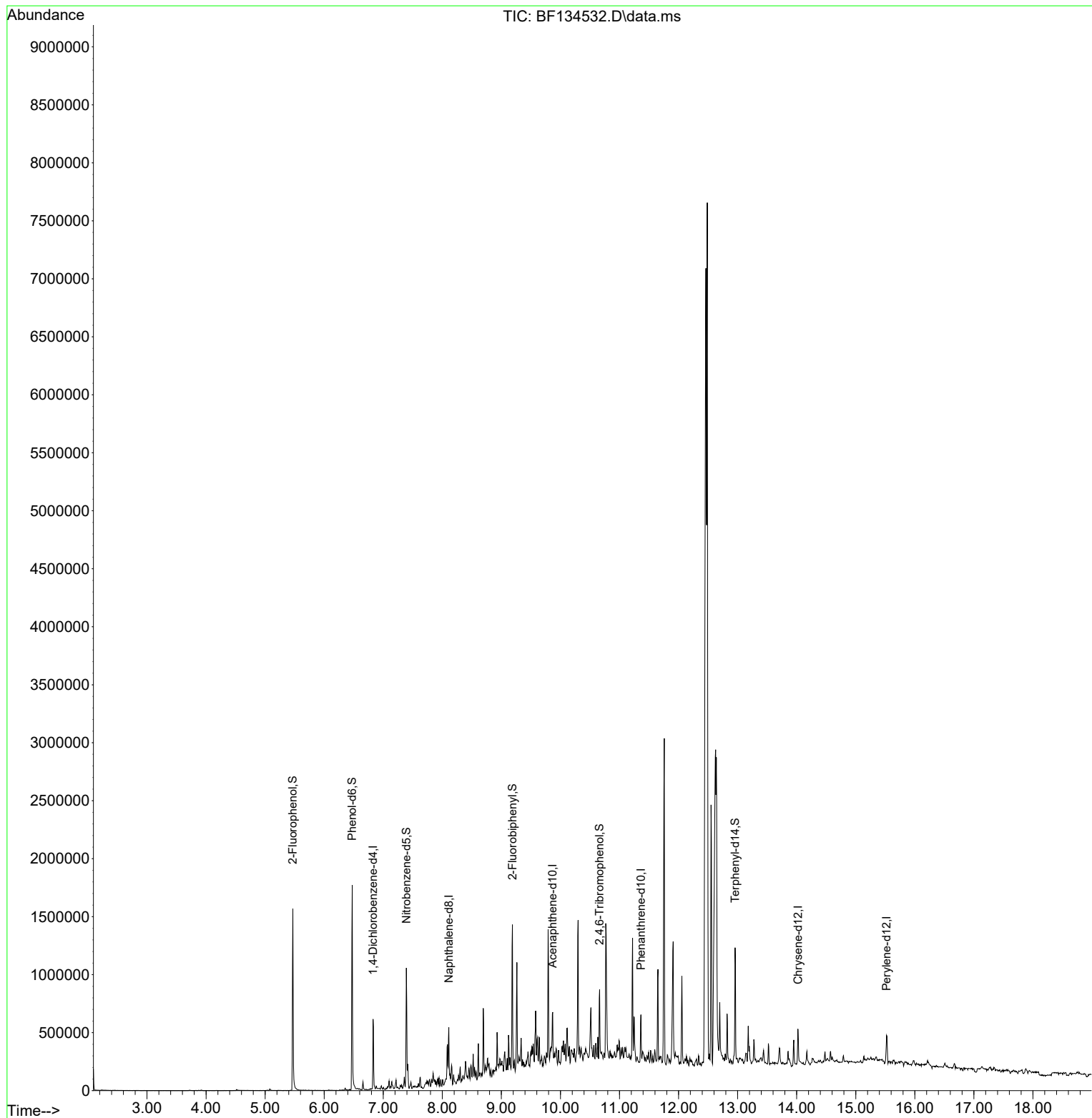
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

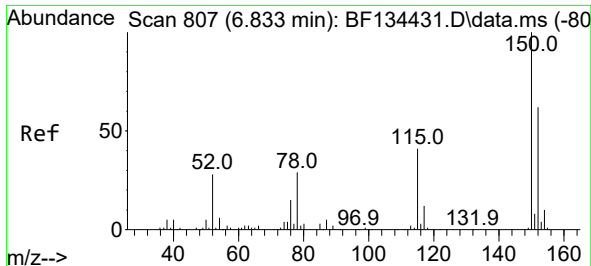
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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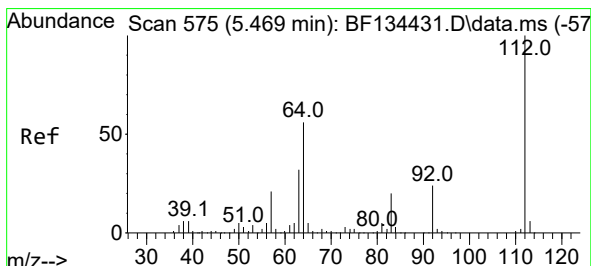
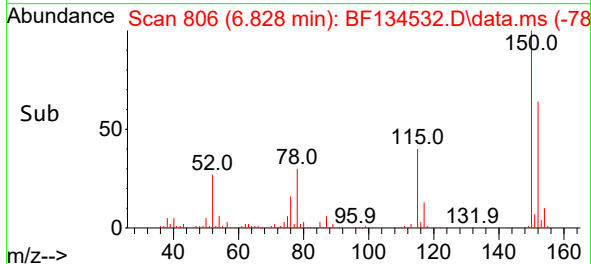
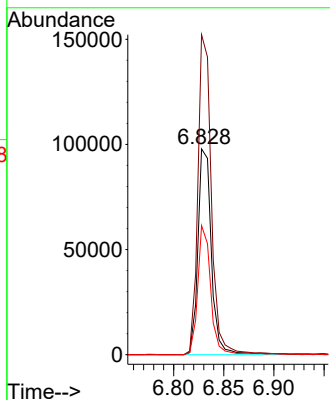
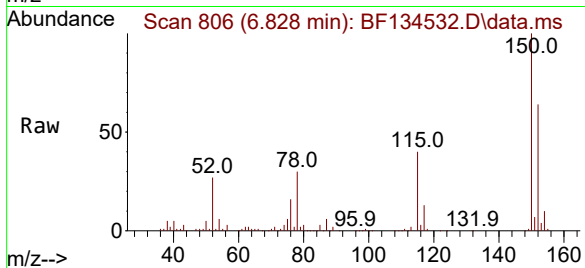




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.828 min Scan# 807  
Delta R.T. -0.000 min  
Lab File: BF134532.D  
Acq: 29 Jul 2023 00:42

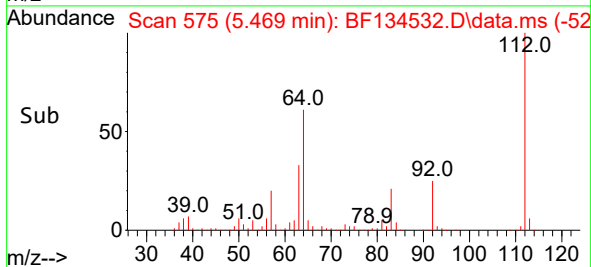
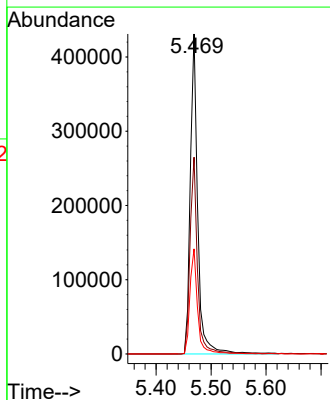
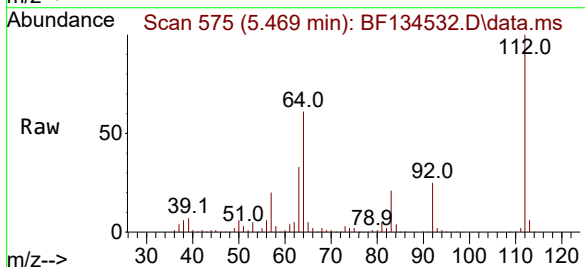
Instrument :  
BNA\_F  
ClientSampleId :  
AU-6-072423

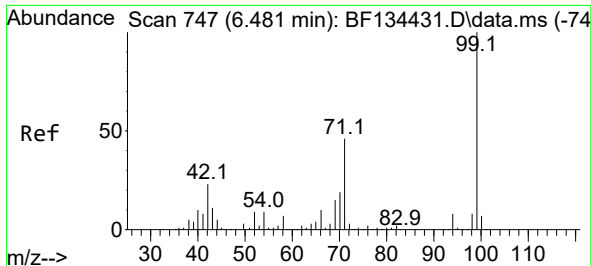
Tgt Ion:152 Resp: 91950  
Ion Ratio Lower Upper  
152 100  
150 155.5 128.3 192.5  
115 62.7 52.4 78.6



#5  
2-Fluorophenol  
Concen: 72.409 ng  
RT: 5.469 min Scan# 575  
Delta R.T. 0.006 min  
Lab File: BF134532.D  
Acq: 29 Jul 2023 00:42

Tgt Ion:112 Resp: 402982  
Ion Ratio Lower Upper  
112 100  
64 61.5 44.9 67.3  
63 32.8 25.4 38.0

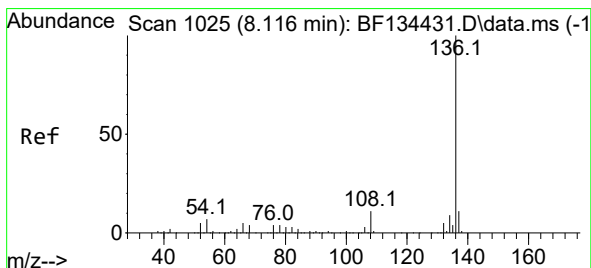
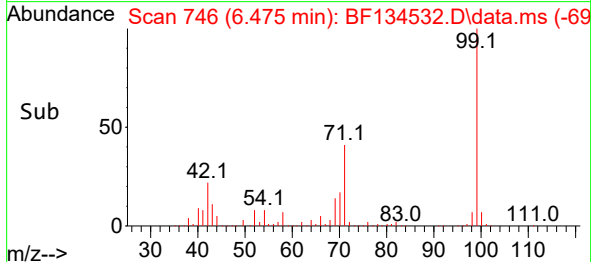
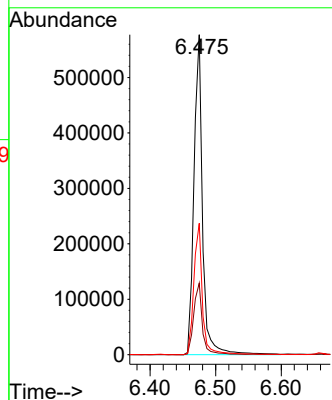
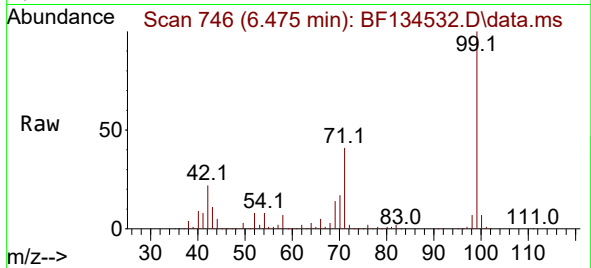




#7  
Phenol-d6  
Concen: 77.056 ng  
RT: 6.475 min Scan# 74  
Delta R.T. 0.000 min  
Lab File: BF134532.D  
Acq: 29 Jul 2023 00:42

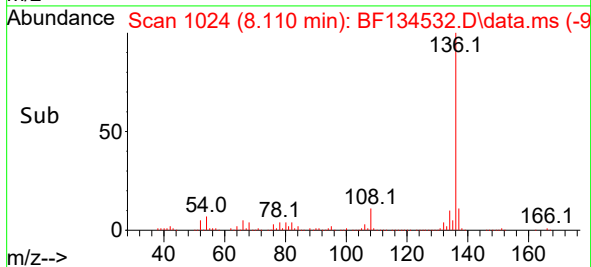
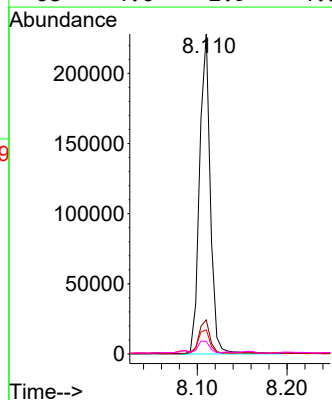
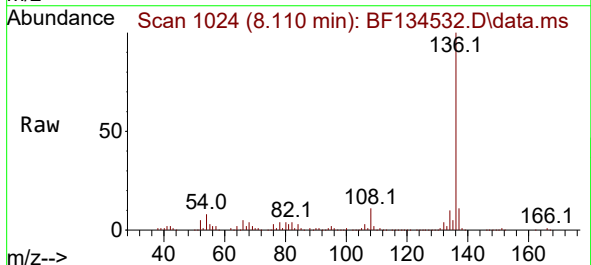
Instrument :  
BNA\_F  
ClientSampleId :  
AU-6-072423

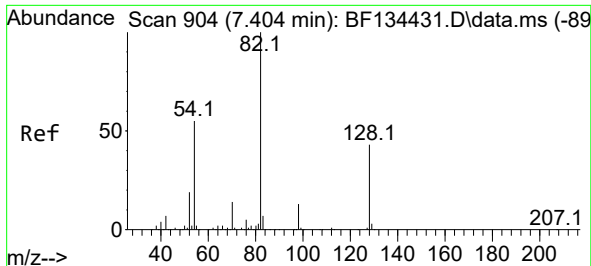
Tgt Ion: 99 Resp: 525418  
Ion Ratio Lower Upper  
99 100  
42 22.3 18.7 28.1  
71 41.1 36.4 54.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. 0.006 min  
Lab File: BF134532.D  
Acq: 29 Jul 2023 00:42

Tgt Ion:136 Resp: 190748  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.4 12.6  
54 7.6 5.2 7.8  
68 4.0 2.9 4.3





#23

Nitrobenzene-d5

Concen: 79.576 ng

RT: 7.392 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF134532.D

Acq: 29 Jul 2023 00:42

Instrument :

BNA\_F

ClientSampleId :

AU-6-072423

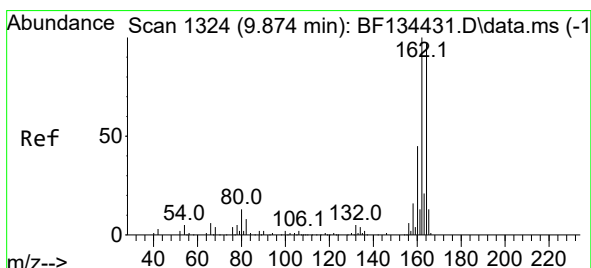
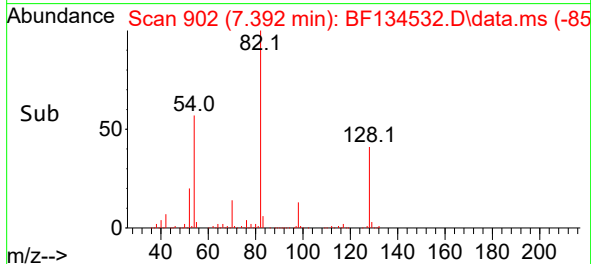
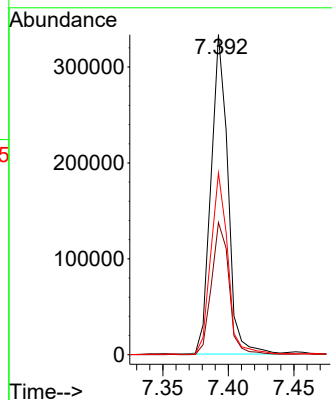
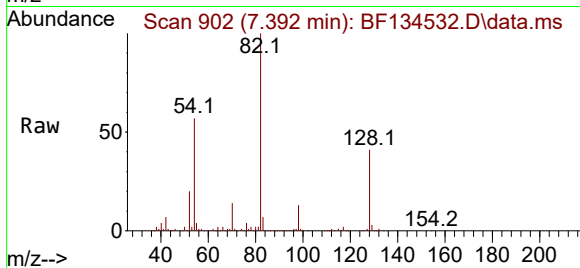
Tgt Ion: 82 Resp: 300012

Ion Ratio Lower Upper

82 100

128 41.3 34.3 51.5

54 56.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. 0.006 min

Lab File: BF134532.D

Acq: 29 Jul 2023 00:42

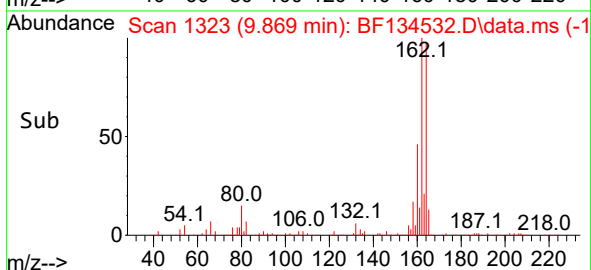
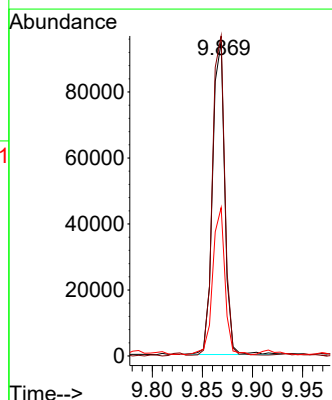
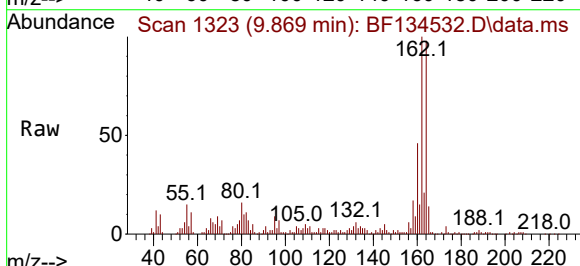
Tgt Ion: 164 Resp: 81040

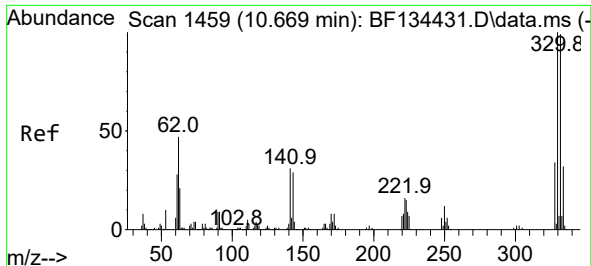
Ion Ratio Lower Upper

164 100

162 101.9 82.6 123.8

160 47.2 37.2 55.8

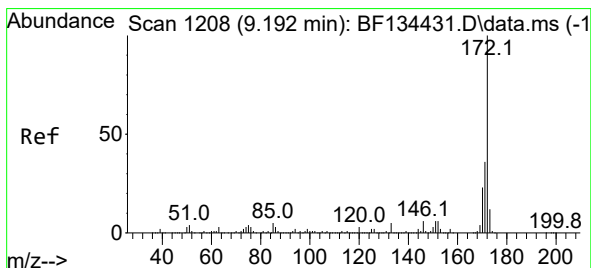
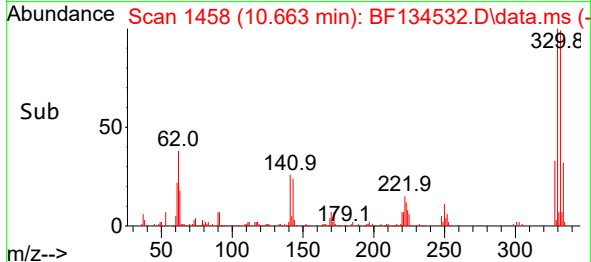
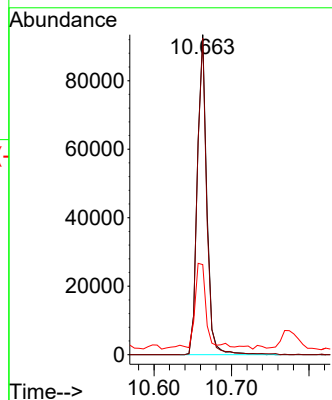
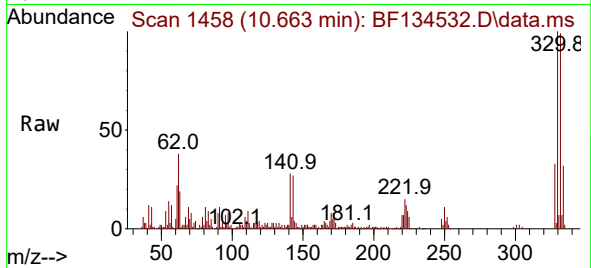




#42  
2,4,6-Tribromophenol  
Concen: 68.663 ng  
RT: 10.663 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: BF134532.D  
Acq: 29 Jul 2023 00:42

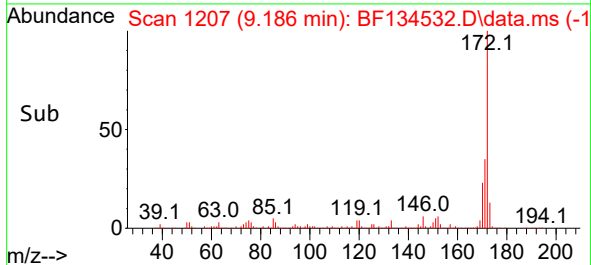
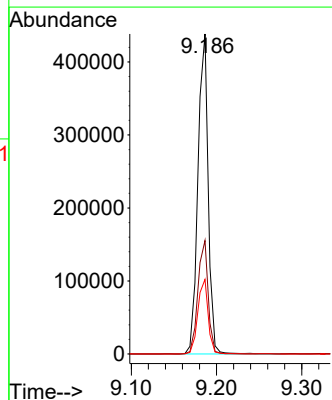
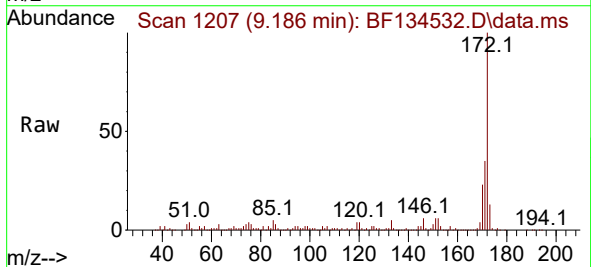
Instrument :  
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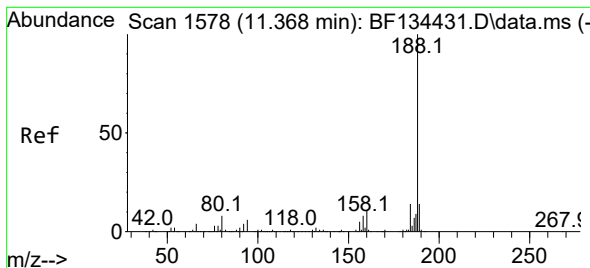
Tgt Ion: 330 Resp: 79061  
Ion Ratio Lower Upper  
330 100  
332 98.2 78.8 118.2  
141 31.4 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 59.538 ng  
RT: 9.186 min Scan# 1207  
Delta R.T. 0.006 min  
Lab File: BF134532.D  
Acq: 29 Jul 2023 00:42

Tgt Ion: 172 Resp: 367536  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.8 43.2  
170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134532.D

Acq: 29 Jul 2023 00:42

Instrument :

BNA\_F

ClientSampleId :

AU-6-072423

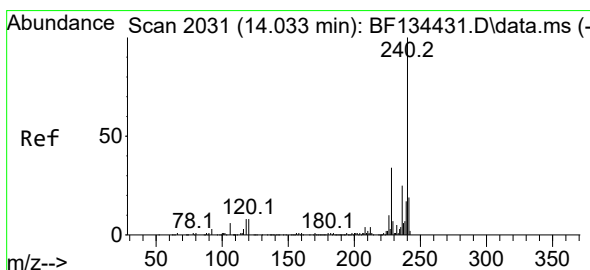
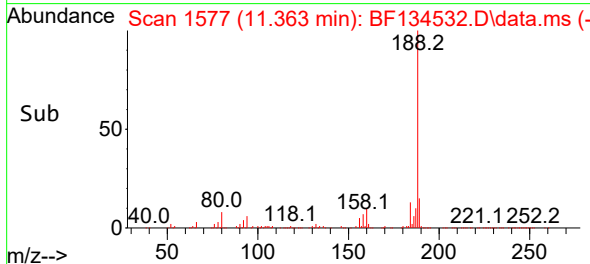
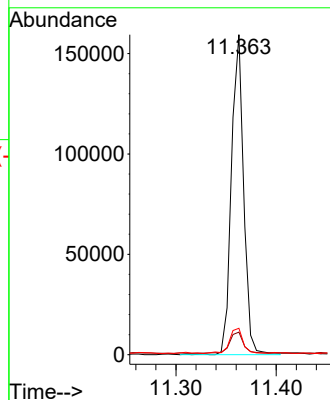
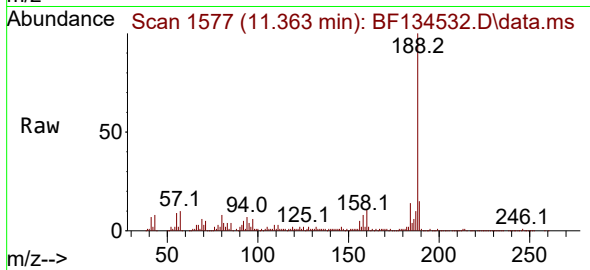
Tgt Ion:188 Resp: 135082

Ion Ratio Lower Upper

188 100

94 7.1 5.1 7.7

80 8.3 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF134532.D

Acq: 29 Jul 2023 00:42

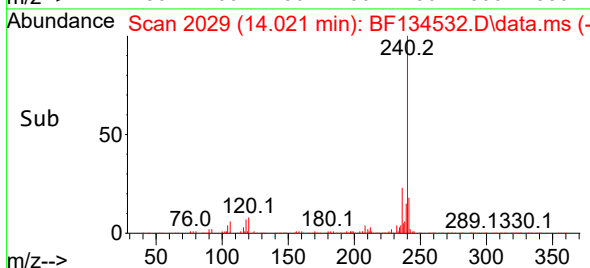
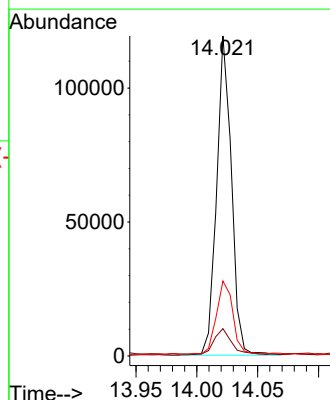
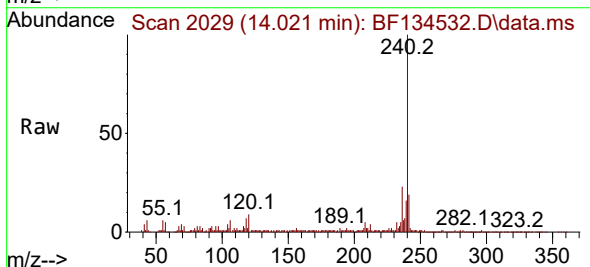
Tgt Ion:240 Resp: 100706

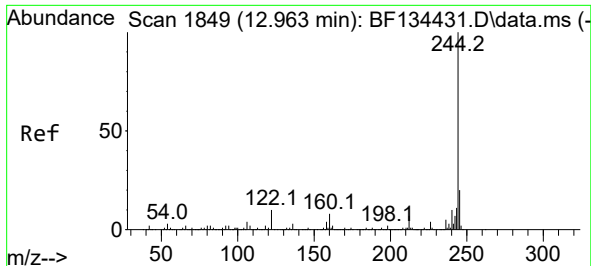
Ion Ratio Lower Upper

240 100

120 8.6 6.6 10.0

236 23.4 20.2 30.2

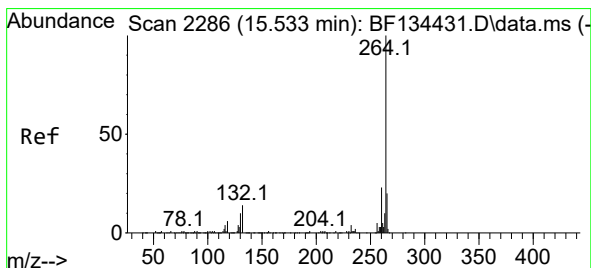
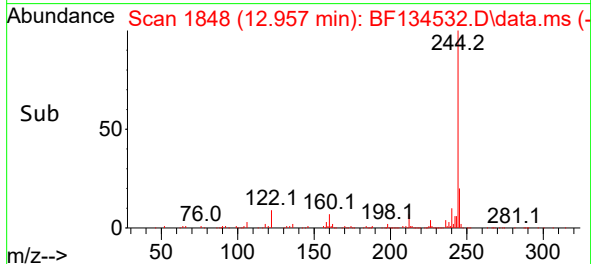
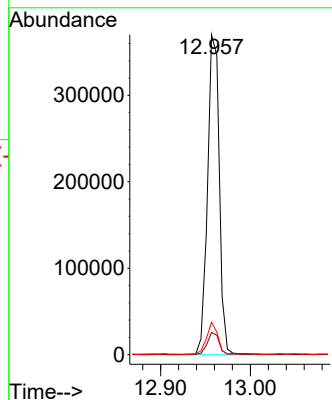
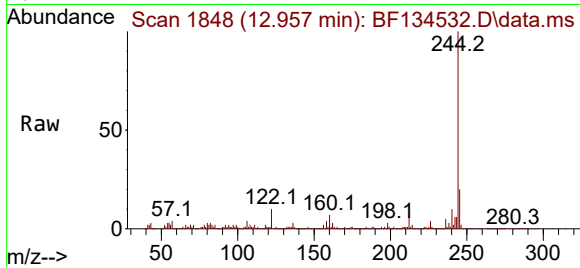




#79  
 Terphenyl-d14  
 Concen: 58.496 ng  
 RT: 12.957 min Scan# 1848  
 Delta R.T. 0.006 min  
 Lab File: BF134532.D  
 Acq: 29 Jul 2023 00:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AU-6-072423

Tgt Ion:244 Resp: 337457  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 10.1 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.521 min Scan# 2284  
 Delta R.T. 0.006 min  
 Lab File: BF134532.D  
 Acq: 29 Jul 2023 00:42

Tgt Ion:264 Resp: 96003  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 18.4 27.6  
 265 21.3 15.8 23.8

