

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061423\  
 Data File : BF133754.D  
 Acq On : 14 Jun 2023 16:40  
 Operator : CG\JU  
 Sample : 03096-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-25-0A

Quant Time: Jun 14 17:02:09 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 14 16:27:59 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 119739   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.110  | 136  | 453160   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.869  | 164  | 211335   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.357 | 188  | 363071   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.998 | 240  | 237310   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.462 | 264  | 271207   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.457  | 112  | 722670   | 105.070 | ng    | 0.01     |
| 7) Phenol-d6                | 6.463  | 99   | 792854   | 88.559  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 640363   | 76.967  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 253044   | 94.591  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 1131624  | 76.117  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.945 | 244  | 982735   | 64.078  | ng    | 0.00     |

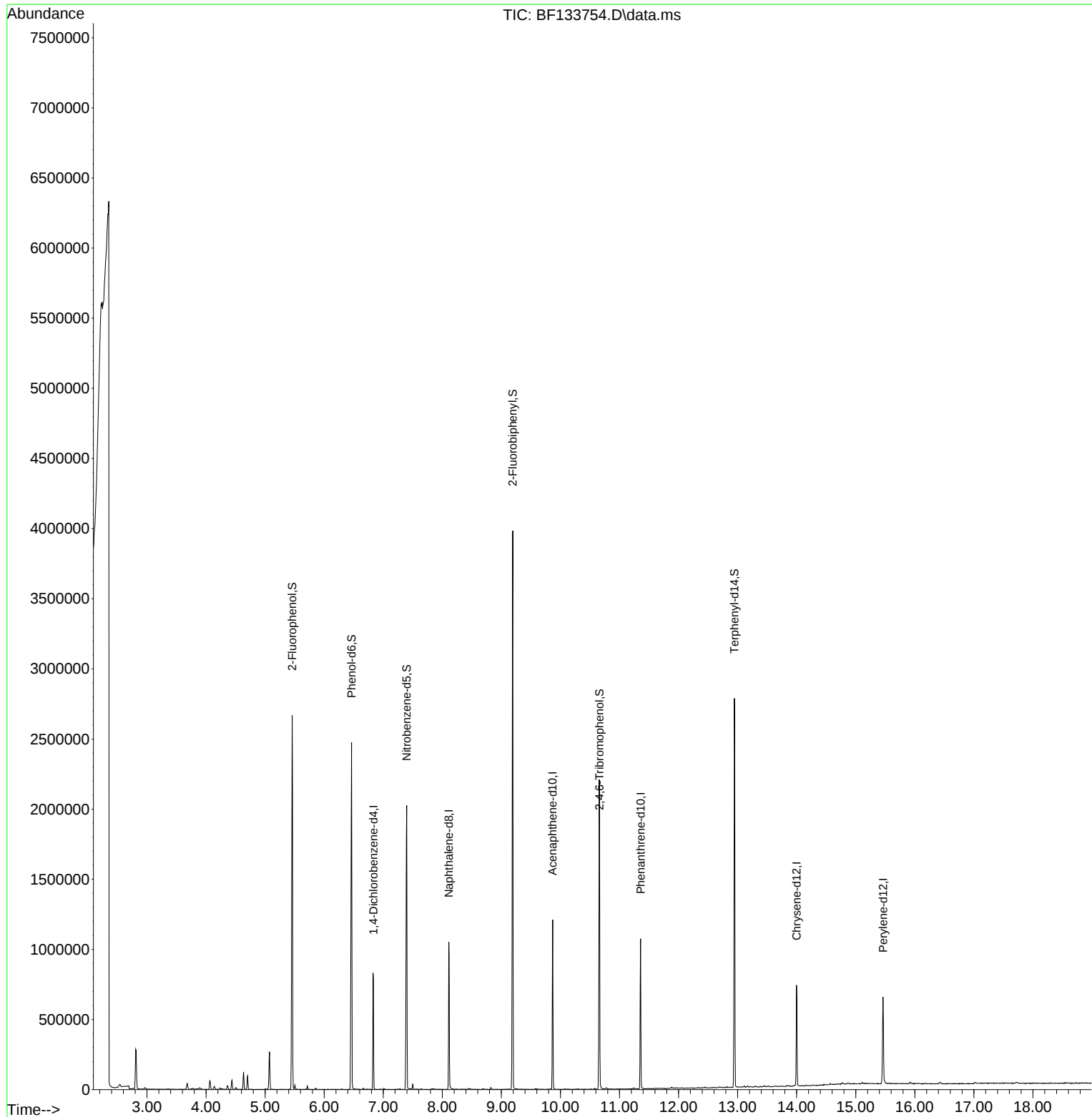
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

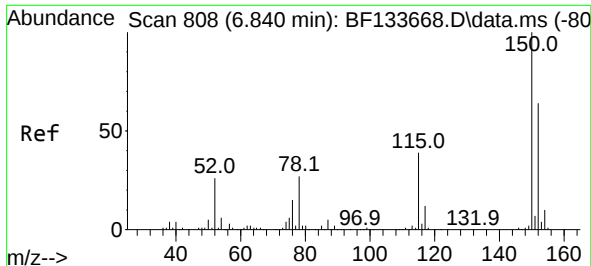
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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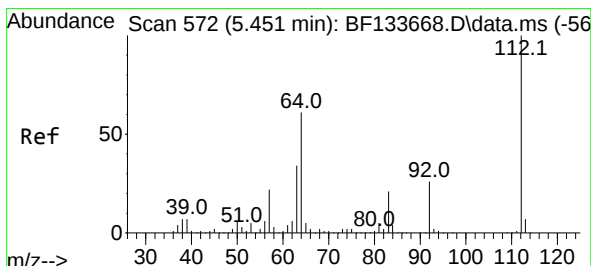
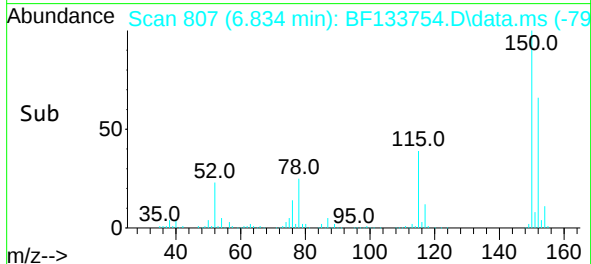
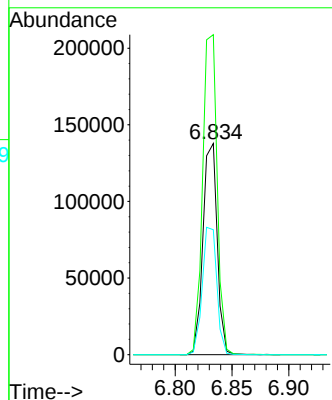
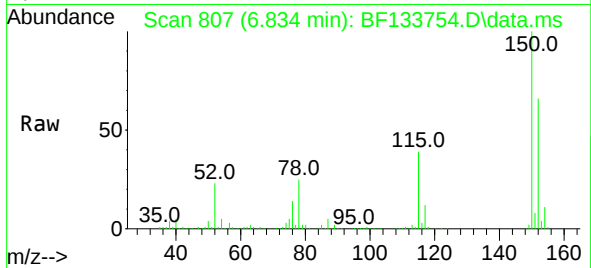




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.834 min Scan# 808  
Delta R.T. -0.000 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

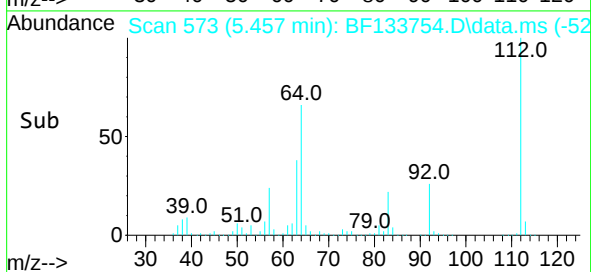
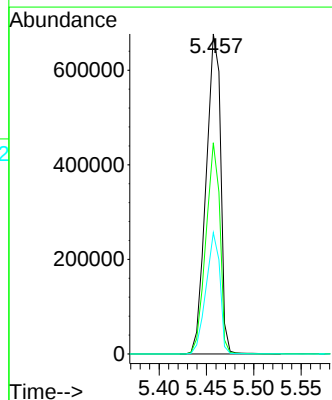
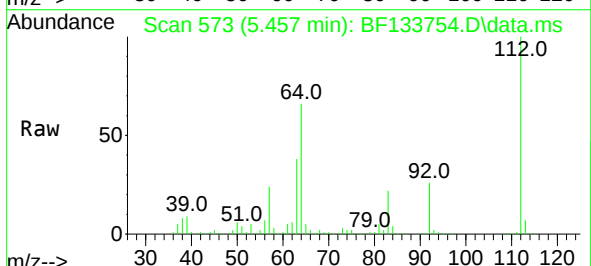
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-0A

Tgt Ion:152 Resp: 119739  
Ion Ratio Lower Upper  
152 100  
150 151.5 124.3 186.5  
115 59.1 48.5 72.7



#5  
2-Fluorophenol  
Concen: 105.070 ng  
RT: 5.457 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion:112 Resp: 722670  
Ion Ratio Lower Upper  
112 100  
64 66.0 49.0 73.4  
63 37.9 26.8 40.2

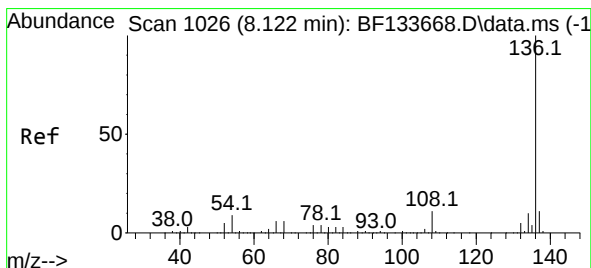
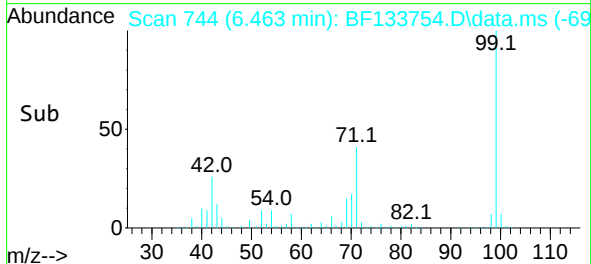
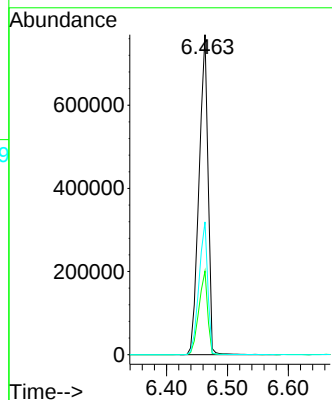
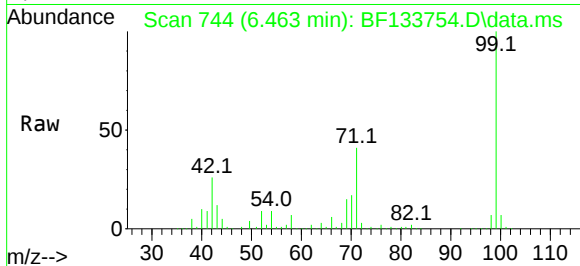




#7  
Phenol-d6  
Concen: 88.559 ng  
RT: 6.463 min Scan# 745  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

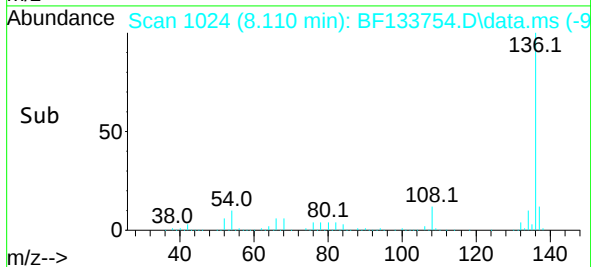
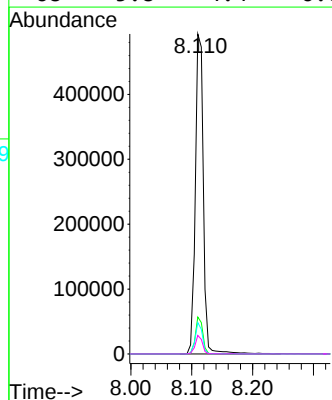
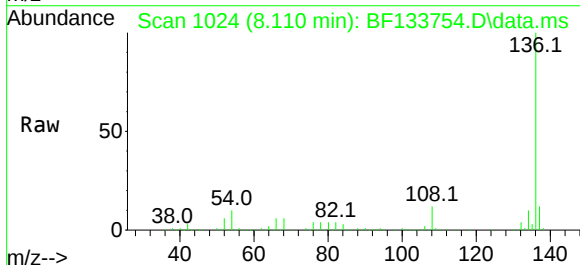
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-0A

Tgt Ion: 99 Resp: 792854  
Ion Ratio Lower Upper  
99 100  
42 26.1 19.9 29.9  
71 41.5 32.2 48.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.110 min Scan# 1024  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion: 136 Resp: 453160  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.8 13.2  
54 9.8 7.4 11.0  
68 5.8 4.4 6.6





#23

Nitrobenzene-d5

Concen: 76.967 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133754.D

Acq: 14 Jun 2023 16:40

Instrument :

BNA\_F

ClientSampleId :

TP-25-0A

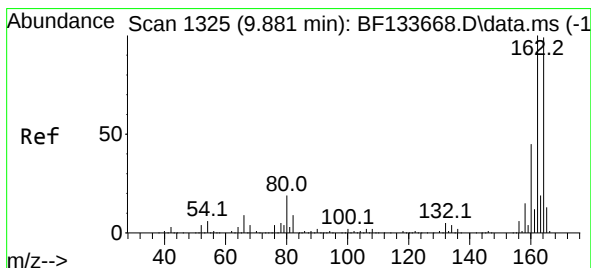
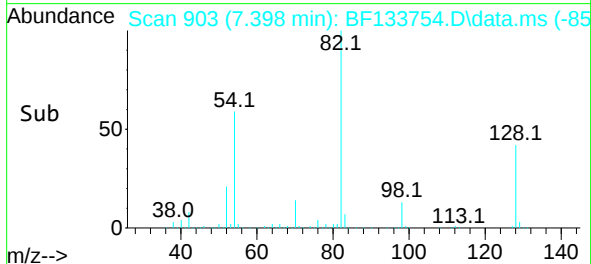
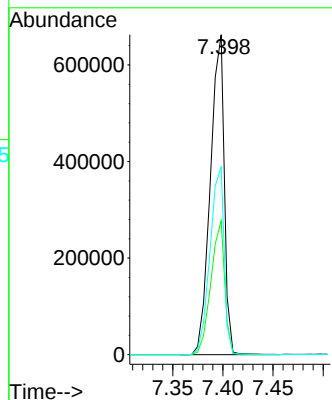
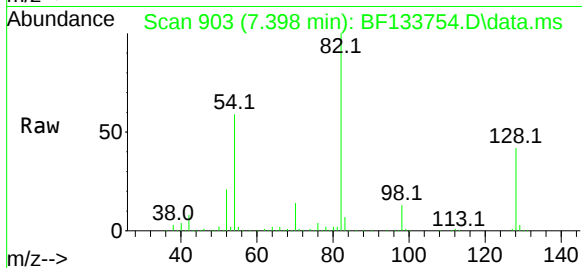
Tgt Ion: 82 Resp: 640363

Ion Ratio Lower Upper

82 100

128 41.8 34.2 51.2

54 58.6 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133754.D

Acq: 14 Jun 2023 16:40

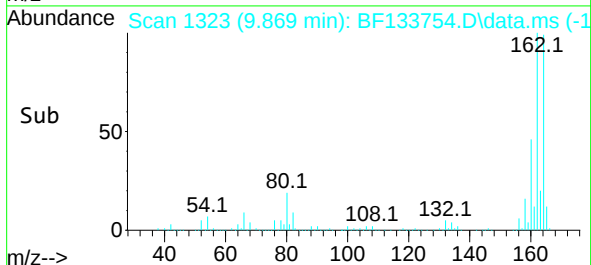
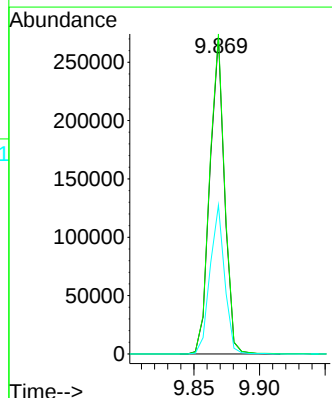
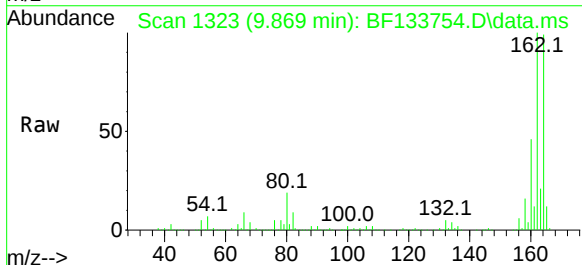
Tgt Ion:164 Resp: 211335

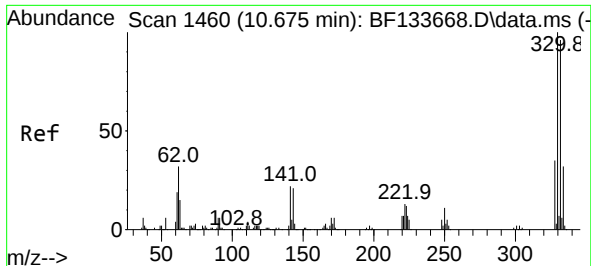
Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

160 47.0 36.7 55.1

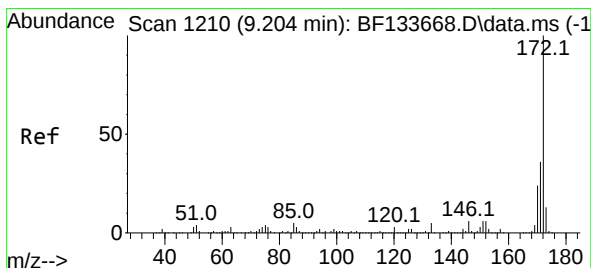
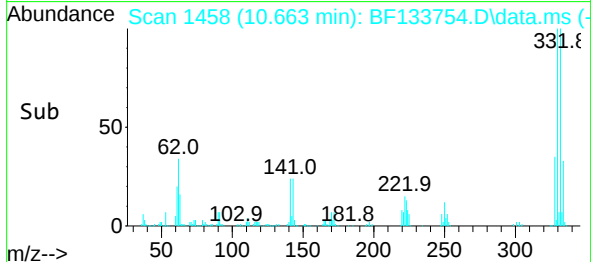
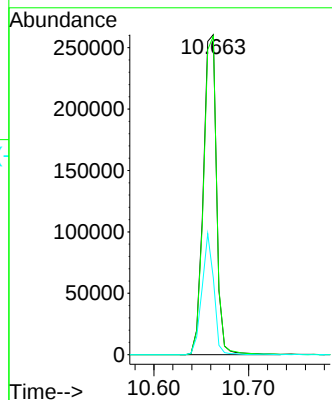
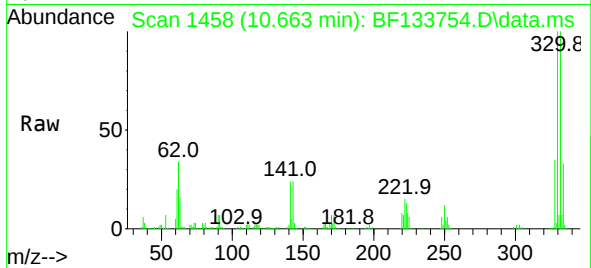




#42  
2,4,6-Tribromophenol  
Concen: 94.591 ng  
RT: 10.663 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

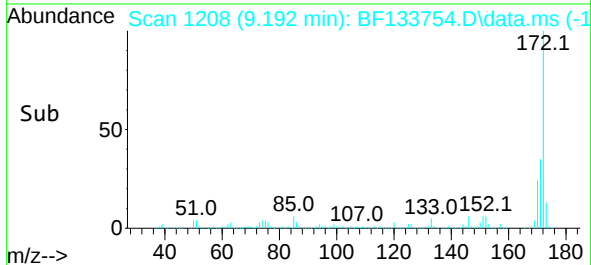
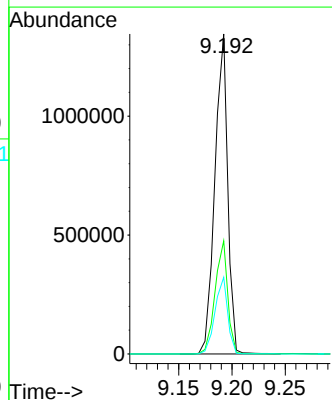
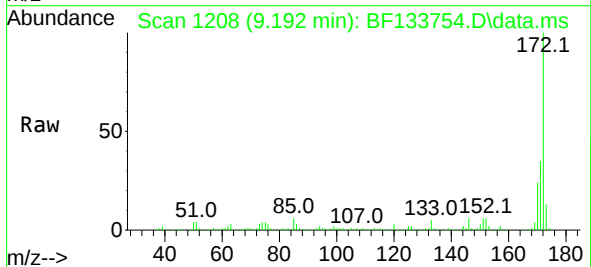
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Tgt Ion: 330 Resp: 253044  
Ion Ratio Lower Upper  
330 100  
332 98.5 77.2 115.8  
141 34.0 24.9 37.3



#45  
2-Fluorobiphenyl  
Concen: 76.117 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. -0.000 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

Tgt Ion: 172 Resp: 1131624  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.6 43.0  
170 23.9 19.1 28.7

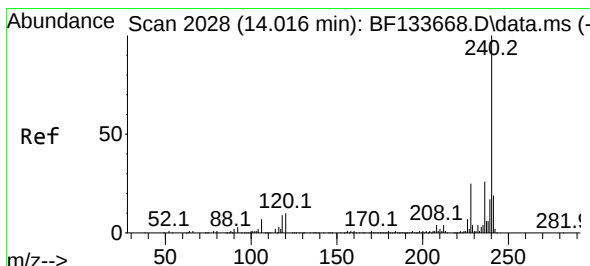
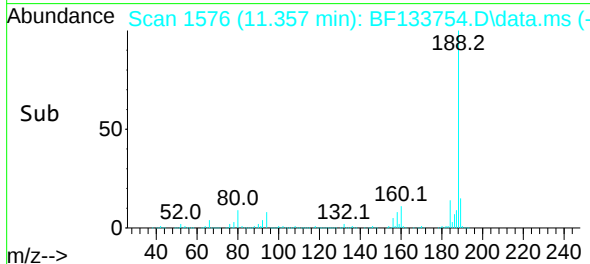
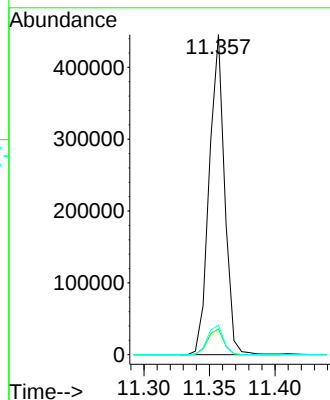
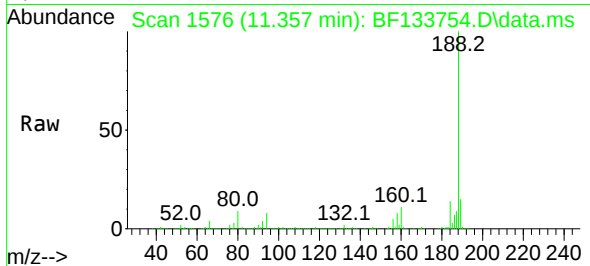




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

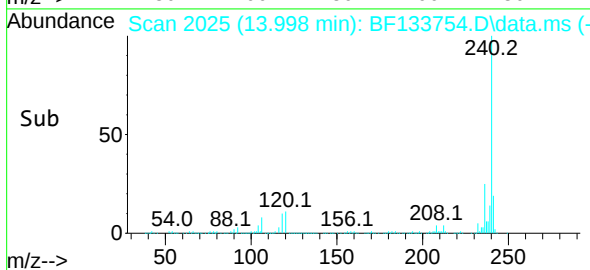
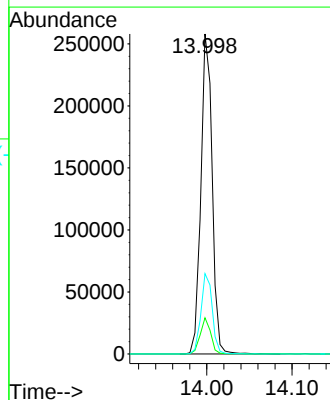
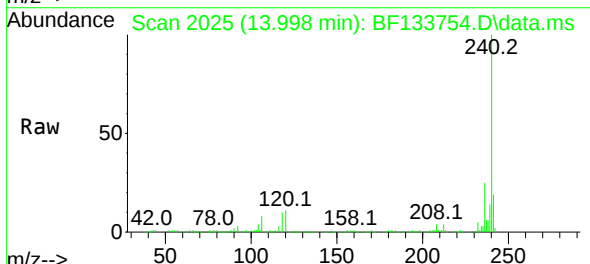
Instrument :  
BNA\_F  
ClientSampleId :  
TP-25-0A

Tgt Ion:188 Resp: 363071  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.8 10.2  
80 9.2 7.8 11.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.012 min  
Lab File: BF133754.D  
Acq: 14 Jun 2023 16:40

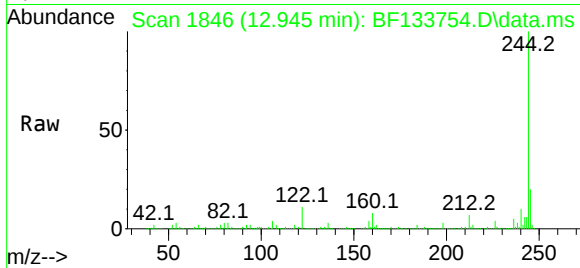
Tgt Ion:240 Resp: 237310  
Ion Ratio Lower Upper  
240 100  
120 11.3 8.1 12.1  
236 25.1 20.5 30.7



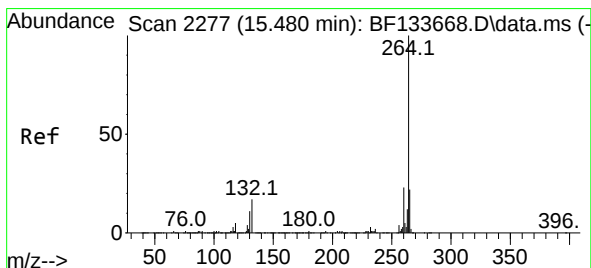
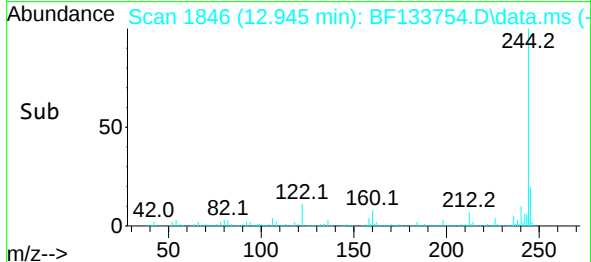
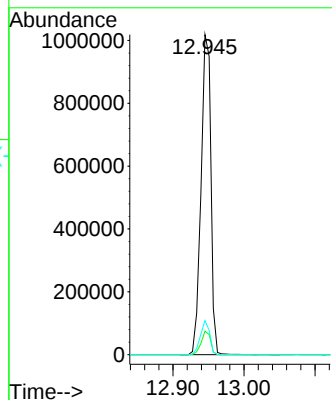


#79  
 Terphenyl-d14  
 Concen: 64.078 ng  
 RT: 12.945 min Scan# 1846  
 Delta R.T. -0.006 min  
 Lab File: BF133754.D  
 Acq: 14 Jun 2023 16:40

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-25-0A



Tgt Ion:244 Resp: 982735  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.4 8.2  
 122 10.7 8.1 12.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.462 min Scan# 2274  
 Delta R.T. -0.006 min  
 Lab File: BF133754.D  
 Acq: 14 Jun 2023 16:40

Tgt Ion:264 Resp: 271207  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 18.2 27.2  
 265 21.1 17.8 26.6

