

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011723\  
 Data File : BF132103.D  
 Acq On : 17 Jan 2023 20:10  
 Operator : CG\JU  
 Sample : PB150083BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150083BL

Quant Time: Jan 18 05:48:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 18 00:47:03 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.096  | 152  | 230178   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.384  | 136  | 881853   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.148 | 164  | 504916   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.648 | 188  | 1013359  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.313 | 240  | 762828   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.918 | 264  | 503804   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.737  | 112  | 1393222  | 108.306 | ng    | 0.01     |
| 7) Phenol-d6                | 6.713  | 99   | 1818795  | 109.613 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.660  | 82   | 1244754  | 78.919  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.948 | 330  | 601300   | 117.650 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.466  | 172  | 2054711  | 60.951  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.254 | 244  | 2698212  | 59.625  | ng    | 0.00     |

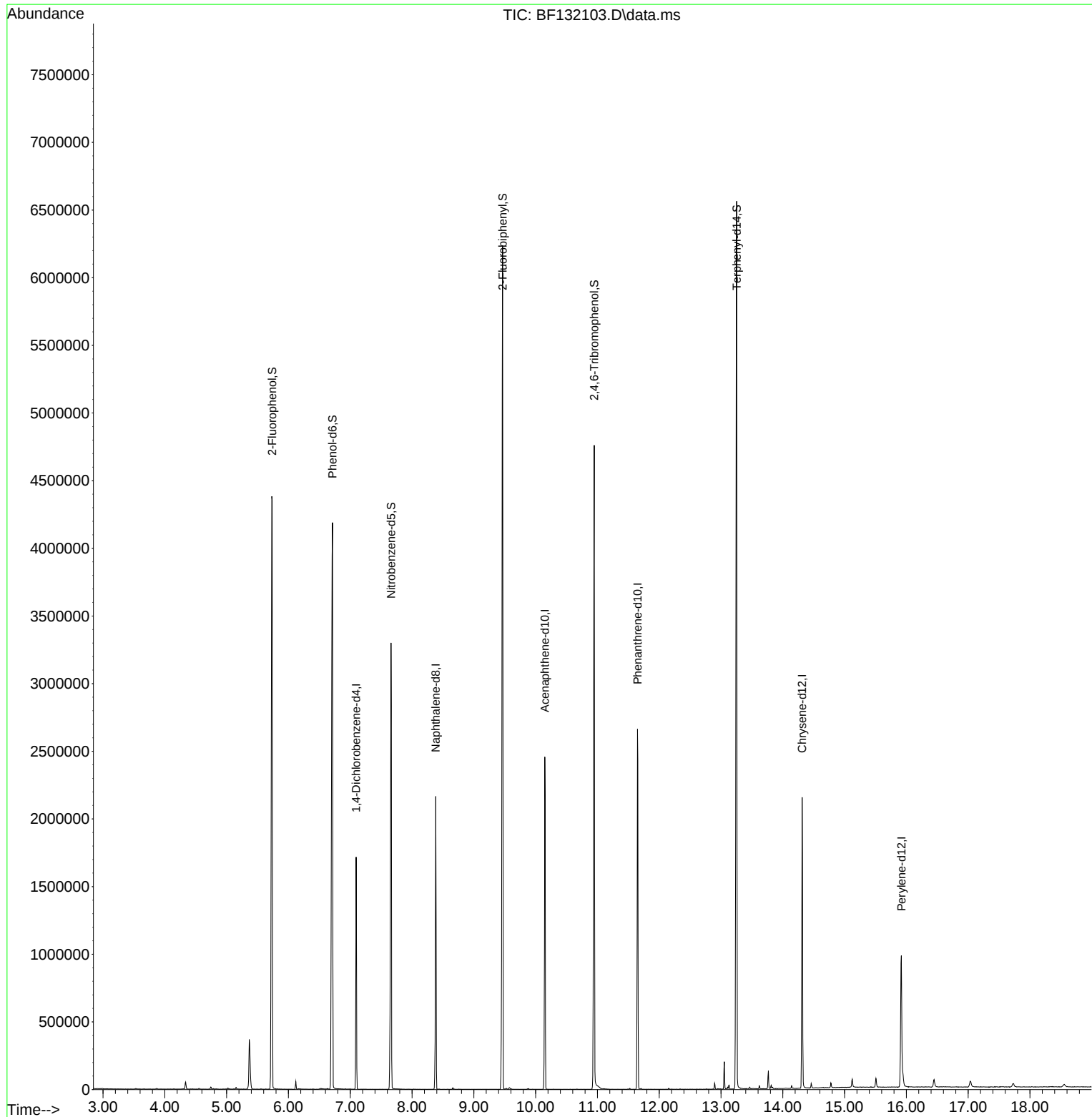
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

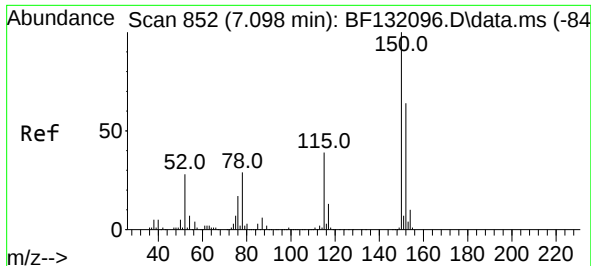
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011723\  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 18 00:47:03 2023  
Response via : Initial Calibration

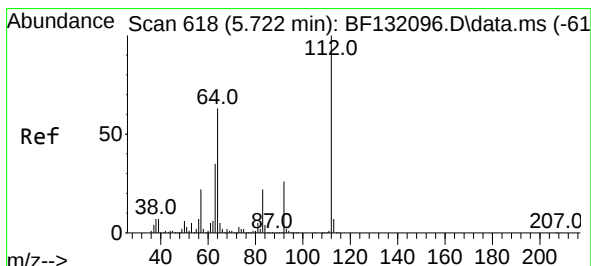
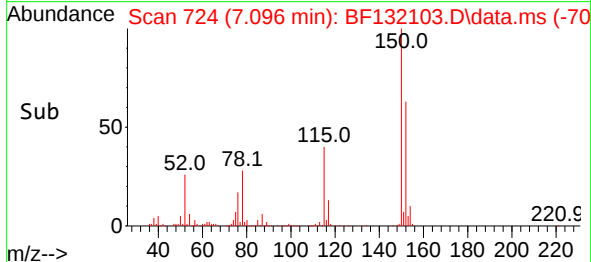
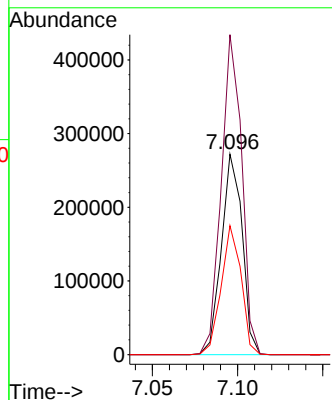
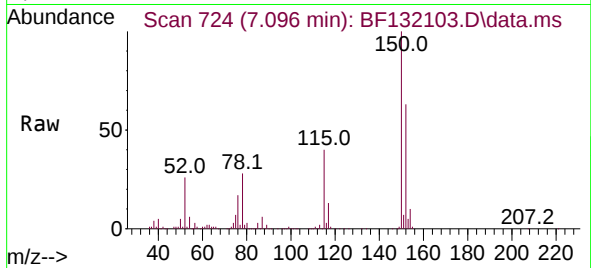




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.096 min Scan# 71  
 Delta R.T. -0.002 min  
 Lab File: BF132103.D  
 Acq: 17 Jan 2023 20:10

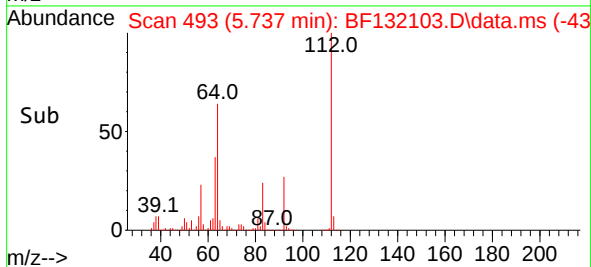
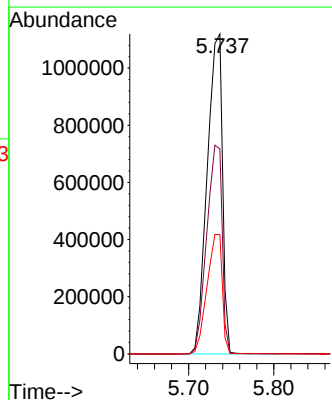
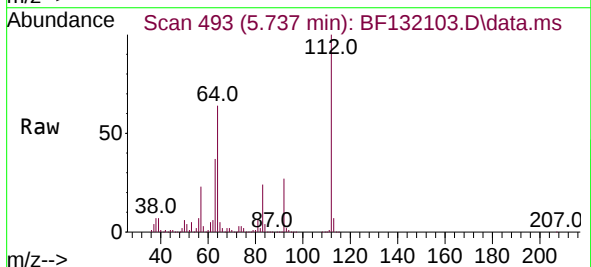
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150083BL

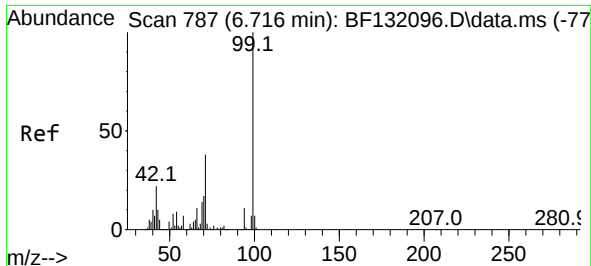
Tgt Ion:152 Resp: 230178  
 Ion Ratio Lower Upper  
 152 100  
 150 159.6 124.7 187.1  
 115 64.3 49.1 73.7



#5  
 2-Fluorophenol  
 Concen: 108.306 ng  
 RT: 5.737 min Scan# 493  
 Delta R.T. 0.015 min  
 Lab File: BF132103.D  
 Acq: 17 Jan 2023 20:10

Tgt Ion:112 Resp: 1393222  
 Ion Ratio Lower Upper  
 112 100  
 64 64.0 50.5 75.7  
 63 37.3 28.0 42.0

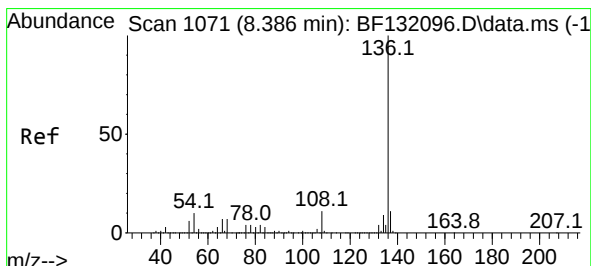
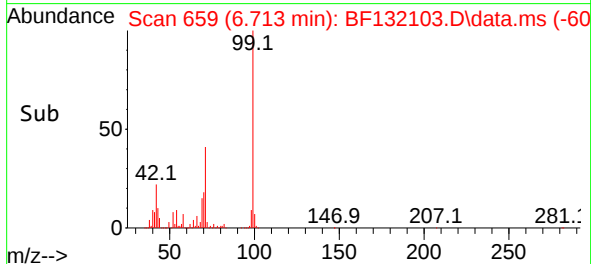
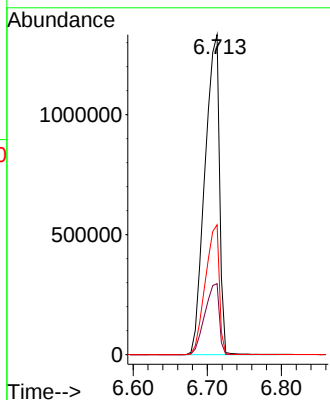
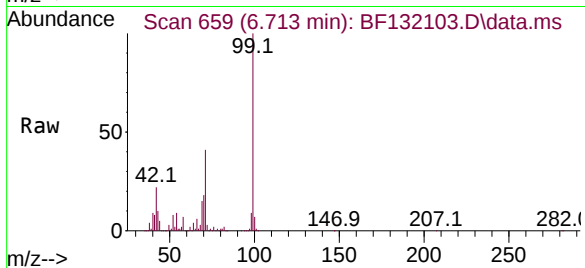




#7  
Phenol-d6  
Concen: 109.613 ng  
RT: 6.713 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BF132103.D  
Acq: 17 Jan 2023 20:10

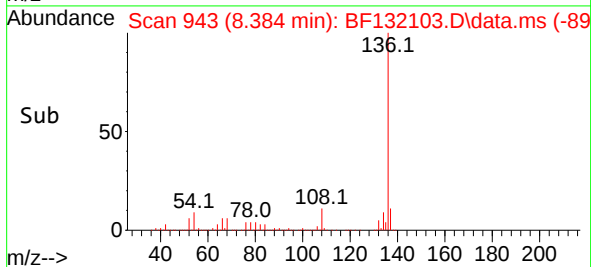
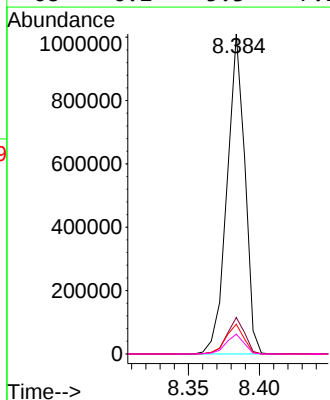
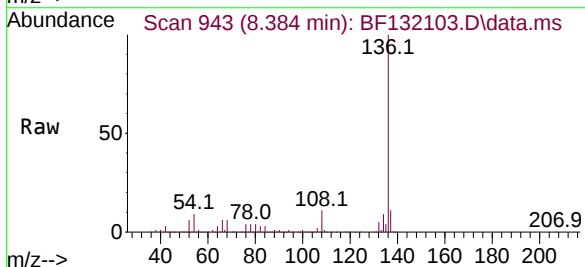
Instrument :  
BNA\_F  
ClientSampleId :  
PB150083BL

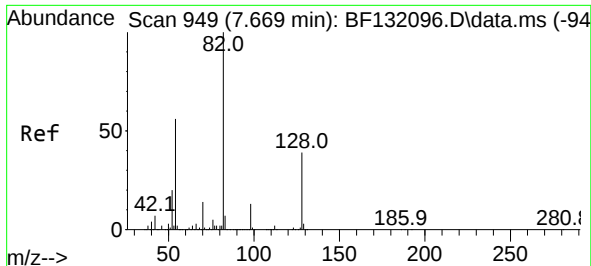
Tgt Ion: 99 Resp: 1818795  
Ion Ratio Lower Upper  
99 100  
42 22.2 17.2 25.8  
71 40.6 30.4 45.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.384 min Scan# 943  
Delta R.T. -0.003 min  
Lab File: BF132103.D  
Acq: 17 Jan 2023 20:10

Tgt Ion: 136 Resp: 881853  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.1 13.7  
54 9.3 7.9 11.9  
68 6.2 5.3 7.9

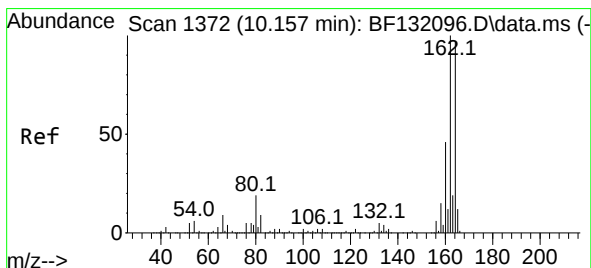
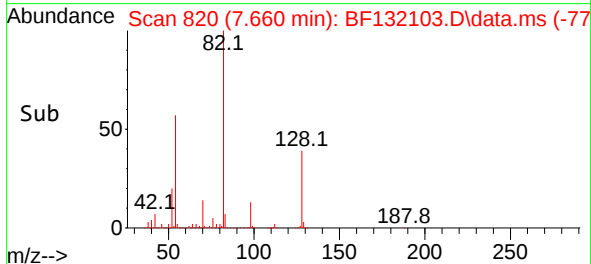
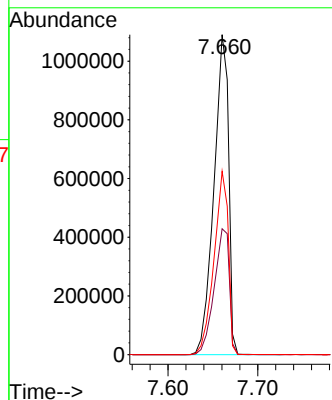
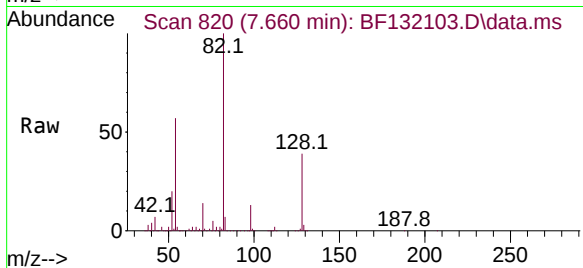




#23  
Nitrobenzene-d5  
Concen: 78.919 ng  
RT: 7.660 min Scan# 81  
Delta R.T. -0.009 min  
Lab File: BF132103.D  
Acq: 17 Jan 2023 20:10

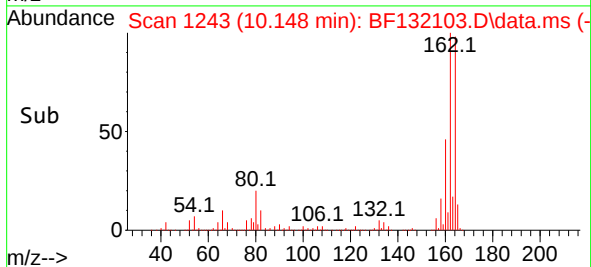
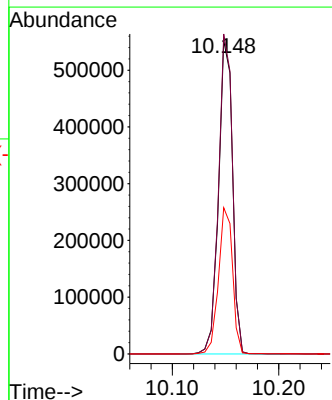
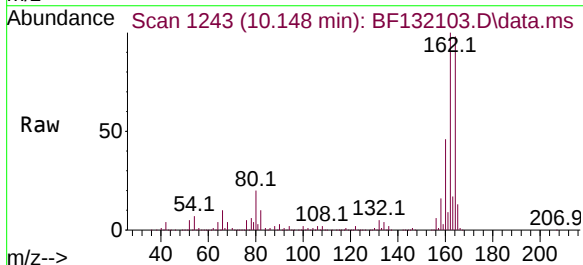
Instrument :  
BNA\_F  
ClientSampleId :  
PB150083BL

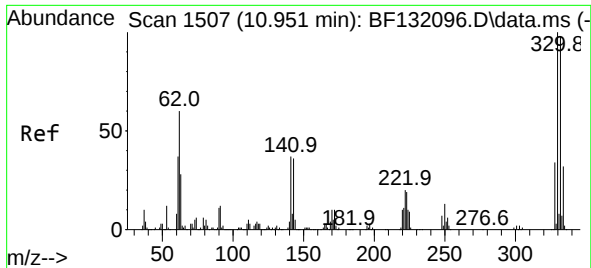
Tgt Ion: 82 Resp: 1244754  
Ion Ratio Lower Upper  
82 100  
128 39.3 31.2 46.8  
54 57.3 45.1 67.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.148 min Scan# 1243  
Delta R.T. -0.009 min  
Lab File: BF132103.D  
Acq: 17 Jan 2023 20:10

Tgt Ion: 164 Resp: 504916  
Ion Ratio Lower Upper  
164 100  
162 102.2 82.5 123.7  
160 46.7 38.2 57.2





#42

2,4,6-Tribromophenol

Concen: 117.650 ng

RT: 10.948 min Scan# 1137

Delta R.T. -0.003 min

Lab File: BF132103.D

Acq: 17 Jan 2023 20:10

Instrument :

BNA\_F

ClientSampleId :

PB150083BL

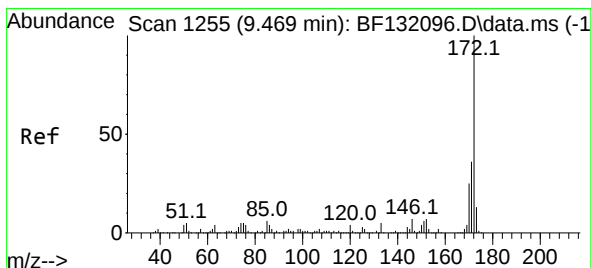
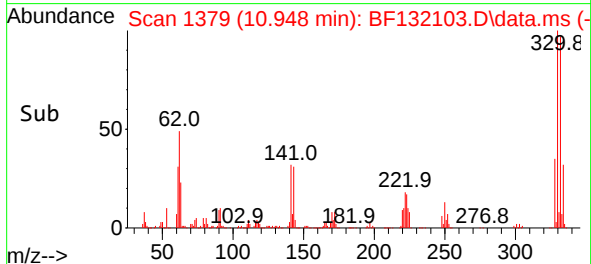
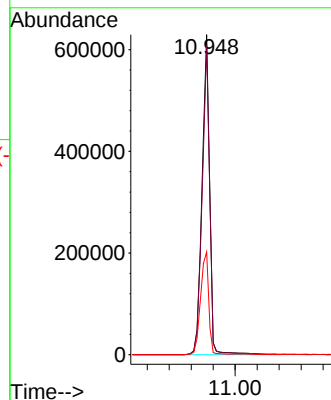
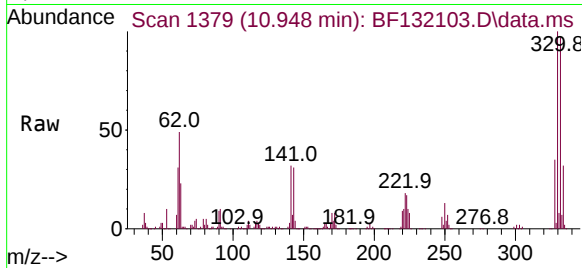
Tgt Ion:330 Resp: 601300

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 34.5 29.4 44.0



#45

2-Fluorobiphenyl

Concen: 60.951 ng

RT: 9.466 min Scan# 1127

Delta R.T. -0.003 min

Lab File: BF132103.D

Acq: 17 Jan 2023 20:10

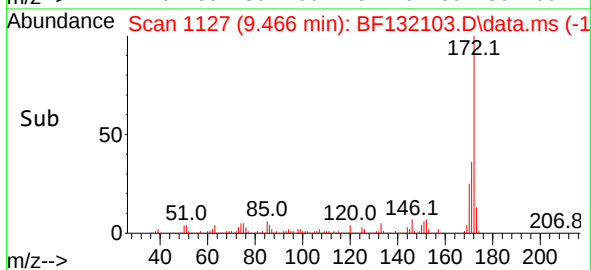
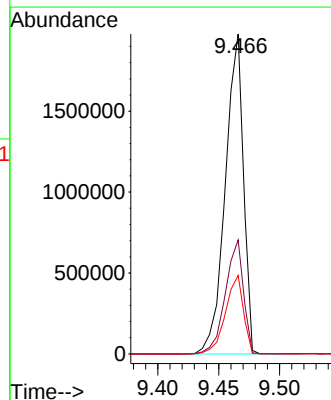
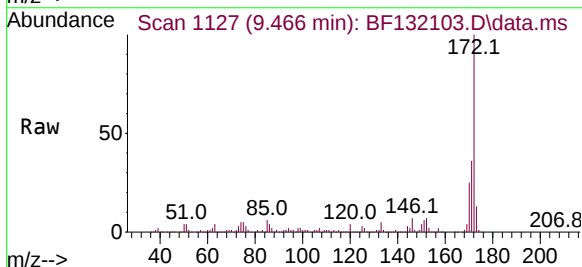
Tgt Ion:172 Resp: 2054711

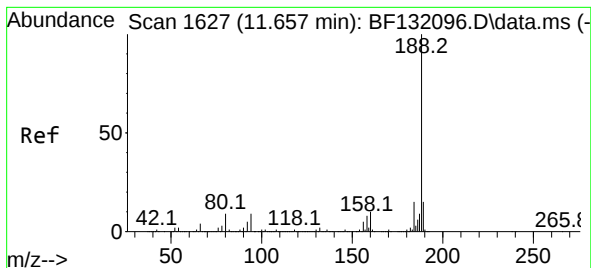
Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 24.5 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.648 min Scan# 14

Delta R.T. -0.009 min

Lab File: BF132103.D

Acq: 17 Jan 2023 20:10

Instrument :

BNA\_F

ClientSampleId :

PB150083BL

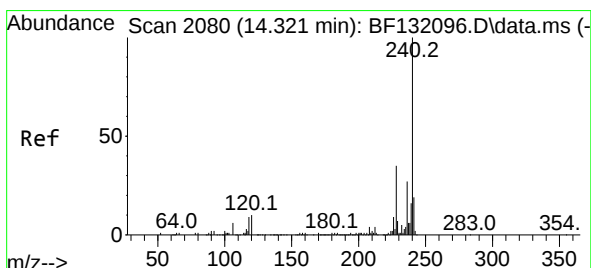
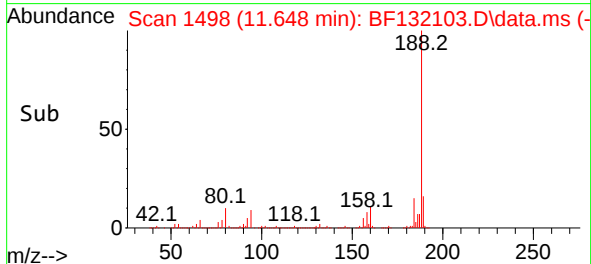
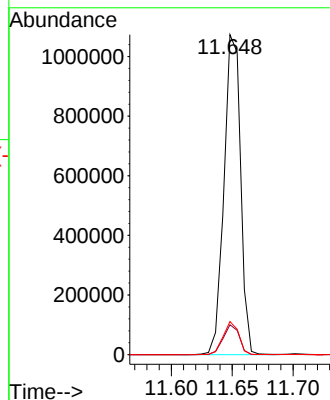
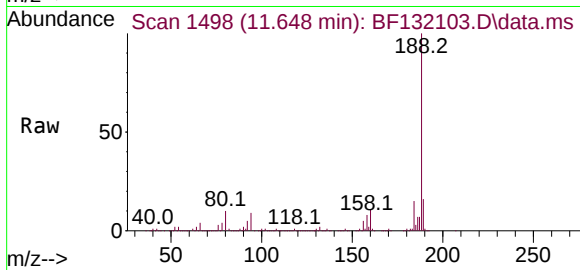
Tgt Ion:188 Resp: 1013359

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

80 10.3 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.313 min Scan# 1951

Delta R.T. -0.009 min

Lab File: BF132103.D

Acq: 17 Jan 2023 20:10

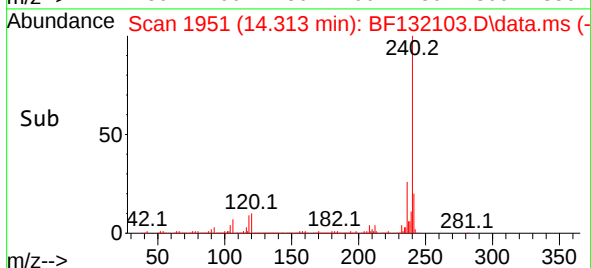
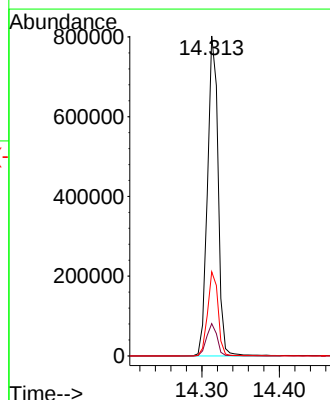
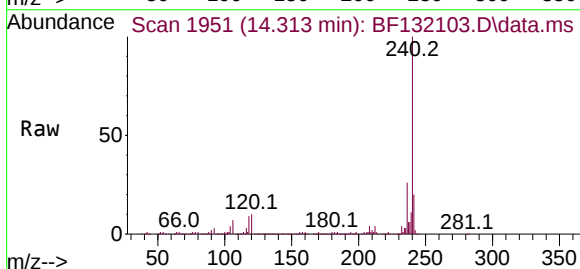
Tgt Ion:240 Resp: 762828

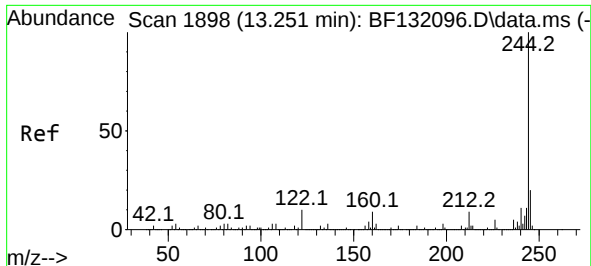
Ion Ratio Lower Upper

240 100

120 10.1 7.8 11.8

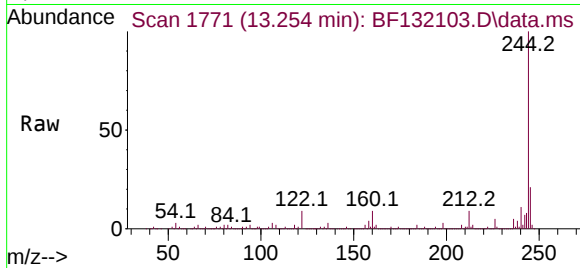
236 26.3 21.3 31.9



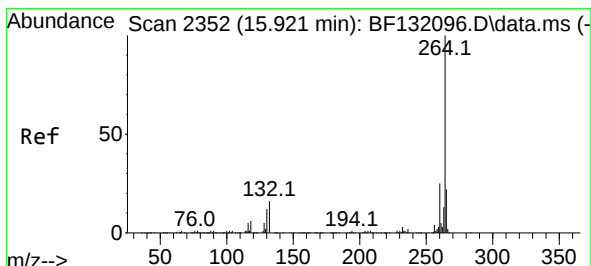
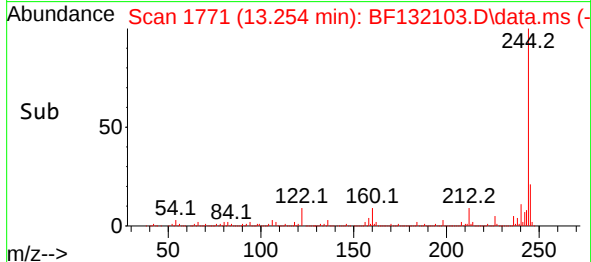
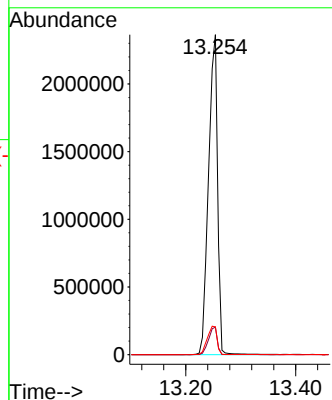


#79  
 Terphenyl-d14  
 Concen: 59.625 ng  
 RT: 13.254 min Scan# 11  
 Delta R.T. 0.003 min  
 Lab File: BF132103.D  
 Acq: 17 Jan 2023 20:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150083BL



Tgt Ion:244 Resp: 2698212  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 7.1 10.7  
 122 8.7 8.0 12.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.918 min Scan# 2224  
 Delta R.T. -0.003 min  
 Lab File: BF132103.D  
 Acq: 17 Jan 2023 20:10

Tgt Ion:264 Resp: 503804  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.7 29.5  
 265 21.7 17.3 25.9

