

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110123\  
 Data File : BF136069.D  
 Acq On : 01 Nov 2023 11:20  
 Operator : CG\JU  
 Sample : PB156691BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB156691BL

Quant Time: Nov 01 22:37:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 31 01:13:02 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.822  | 152  | 146457   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.104  | 136  | 587134   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.863  | 164  | 311277   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.357 | 188  | 595424   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.016 | 240  | 397825   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.510 | 264  | 316287   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 1155360  | 123.964 | ng    | 0.02     |
| 7) Phenol-d6                | 6.463  | 99   | 1404646  | 120.962 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.387  | 82   | 885156   | 90.881  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.657 | 330  | 453286   | 136.429 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.186  | 172  | 1665601  | 85.298  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.963 | 244  | 2037821  | 79.604  | ng    | 0.00     |

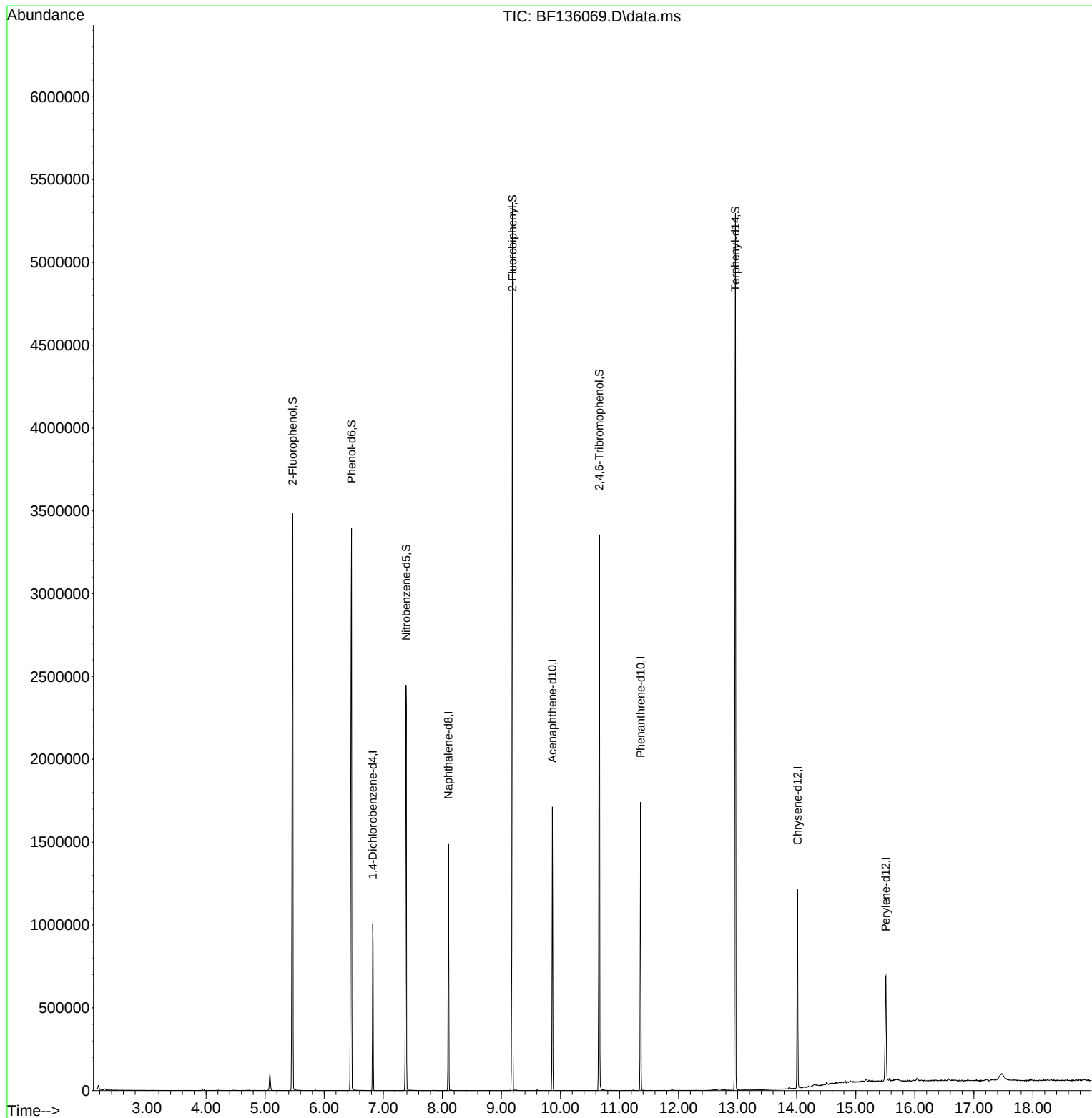
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

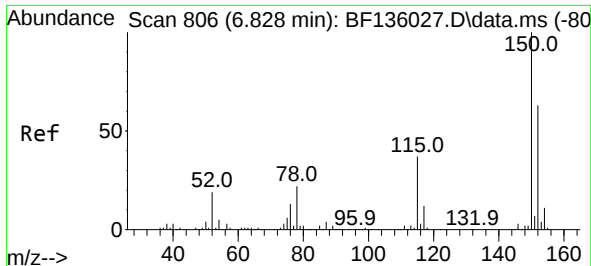
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 31 01:13:02 2023  
Response via : Initial Calibration

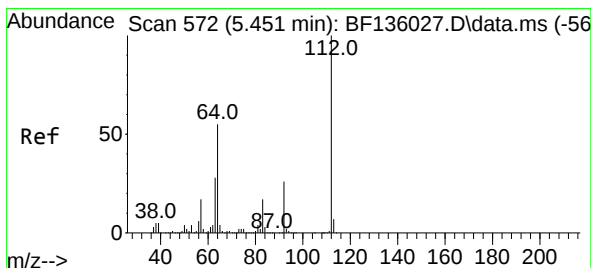
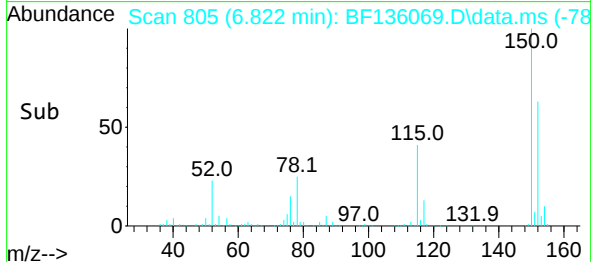
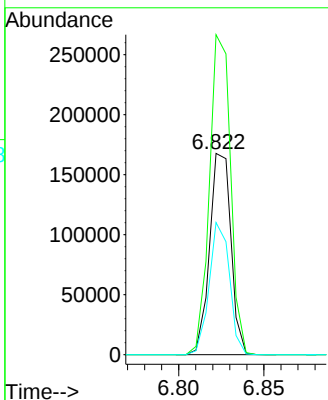
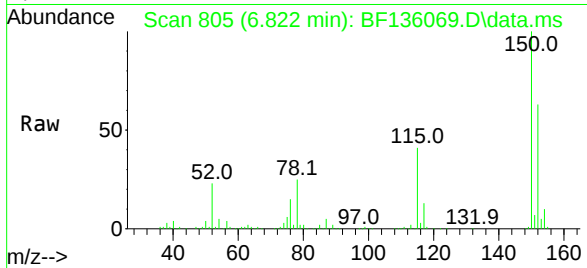




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.822 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BF136069.D  
Acq: 01 Nov 2023 11:20

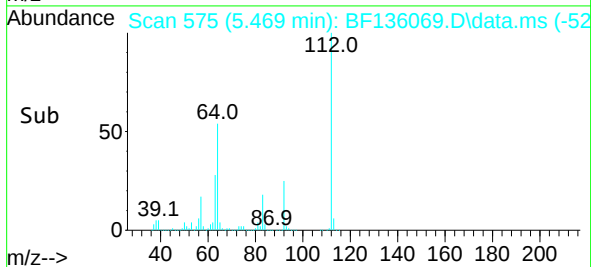
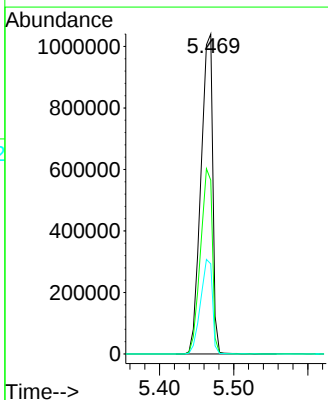
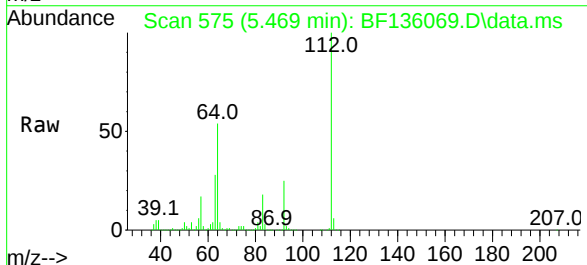
Instrument :  
BNA\_F  
ClientSampleId :  
PB156691BL

Tgt Ion:152 Resp: 146457  
Ion Ratio Lower Upper  
152 100  
150 159.0 126.4 189.6  
115 65.7 47.0 70.4



#5  
2-Fluorophenol  
Concen: 123.964 ng  
RT: 5.469 min Scan# 575  
Delta R.T. 0.018 min  
Lab File: BF136069.D  
Acq: 01 Nov 2023 11:20

Tgt Ion:112 Resp: 1155360  
Ion Ratio Lower Upper  
112 100  
64 54.3 43.9 65.9  
63 28.1 22.4 33.6

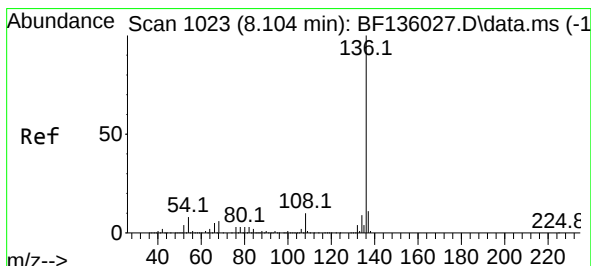
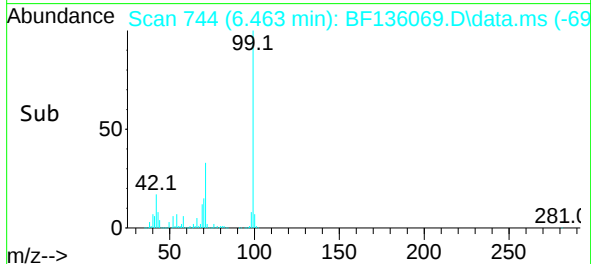
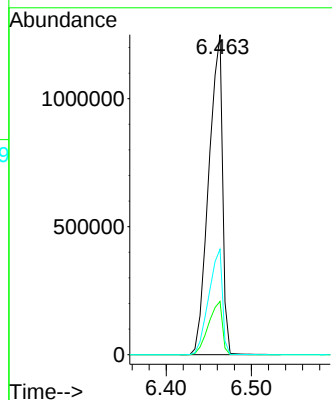
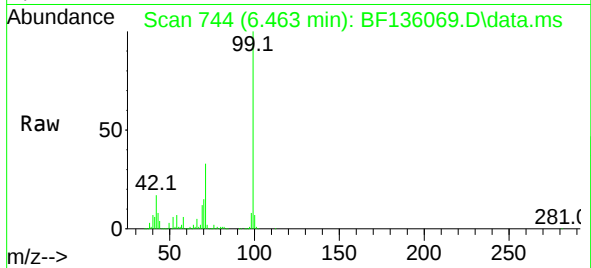




#7  
Phenol-d6  
Concen: 120.962 ng  
RT: 6.463 min Scan# 74  
Delta R.T. 0.006 min  
Lab File: BF136069.D  
Acq: 01 Nov 2023 11:20

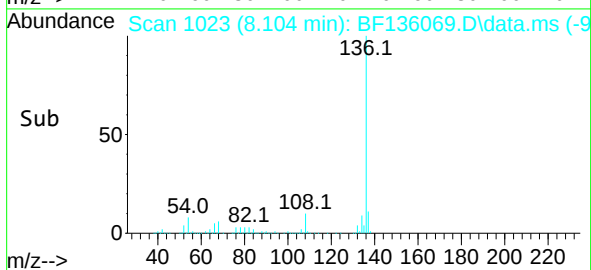
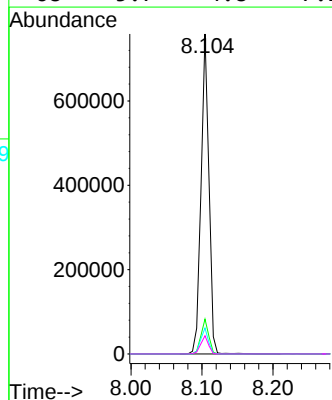
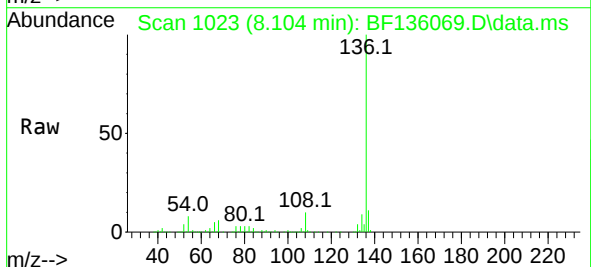
Instrument :  
BNA\_F  
ClientSampleId :  
PB156691BL

Tgt Ion: 99 Resp: 1404646  
Ion Ratio Lower Upper  
99 100  
42 16.7 13.7 20.5  
71 32.9 25.9 38.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 1023  
Delta R.T. 0.000 min  
Lab File: BF136069.D  
Acq: 01 Nov 2023 11:20

Tgt Ion: 136 Resp: 587134  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 8.1 6.6 9.8  
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 90.881 ng

RT: 7.387 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

Instrument :

BNA\_F

ClientSampleId :

PB156691BL

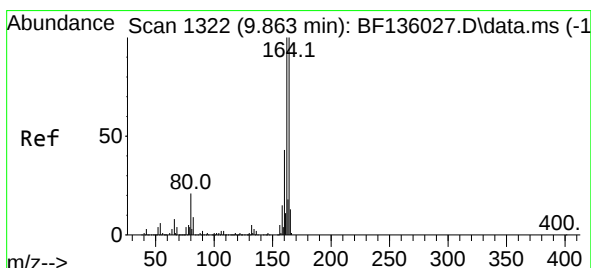
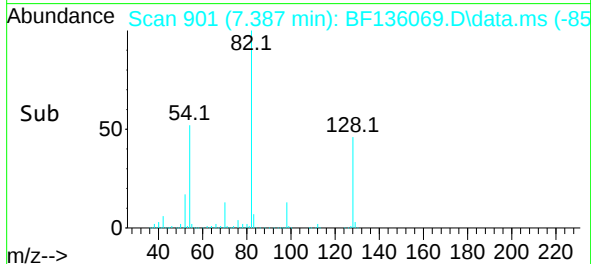
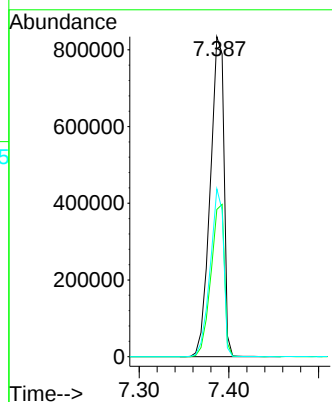
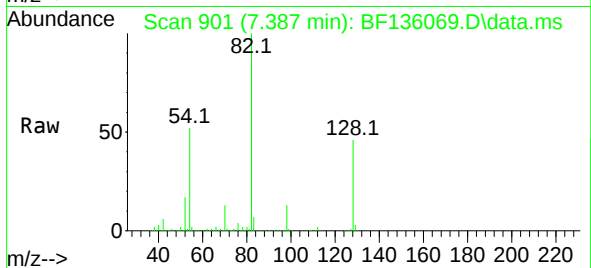
Tgt Ion: 82 Resp: 885156

Ion Ratio Lower Upper

82 100

128 46.0 38.6 57.8

54 52.4 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

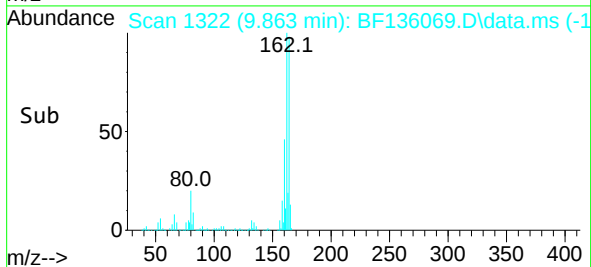
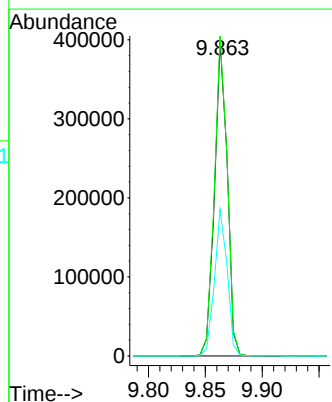
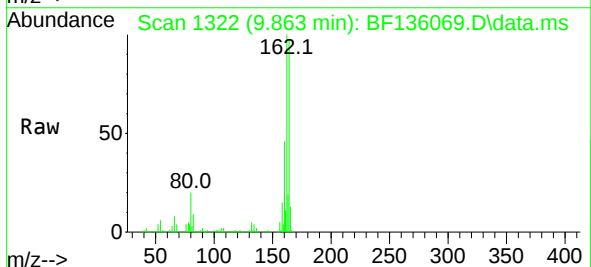
Tgt Ion:164 Resp: 311277

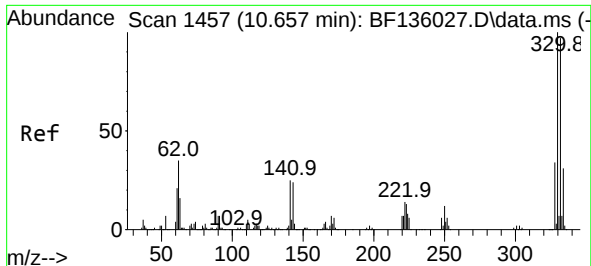
Ion Ratio Lower Upper

164 100

162 101.7 80.1 120.1

160 46.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 136.429 ng

RT: 10.657 min Scan# 1457

Delta R.T. 0.000 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

Instrument :

BNA\_F

ClientSampleId :

PB156691BL

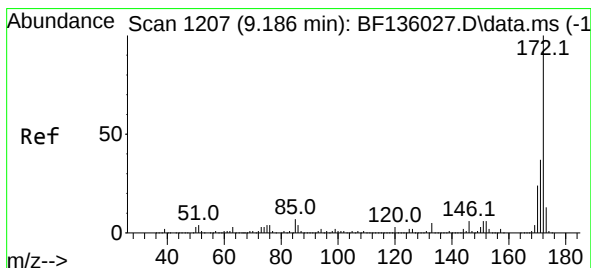
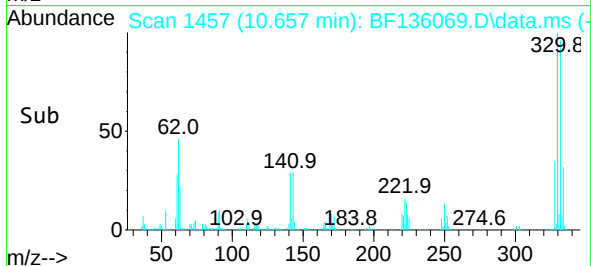
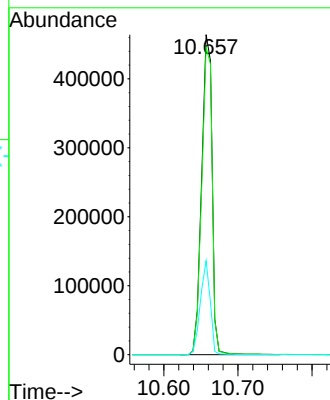
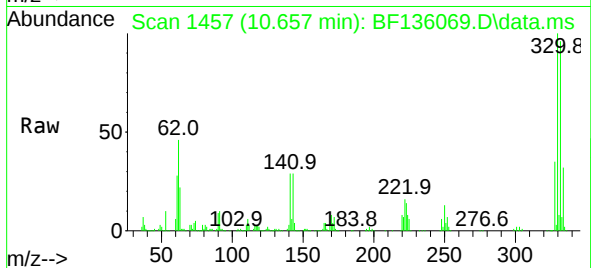
Tgt Ion:330 Resp: 453286

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

141 27.7 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 85.298 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136069.D

Acq: 01 Nov 2023 11:20

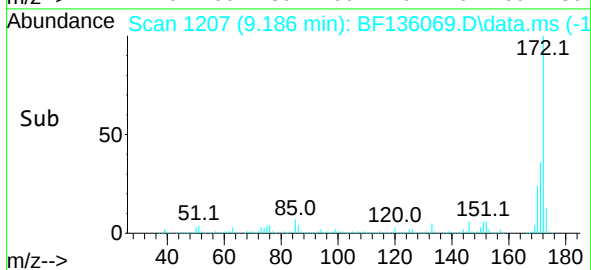
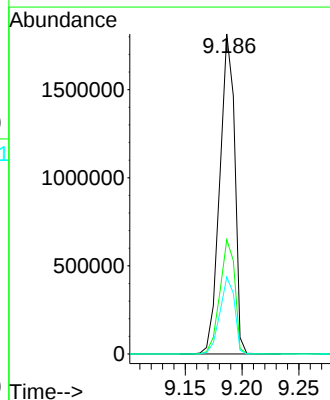
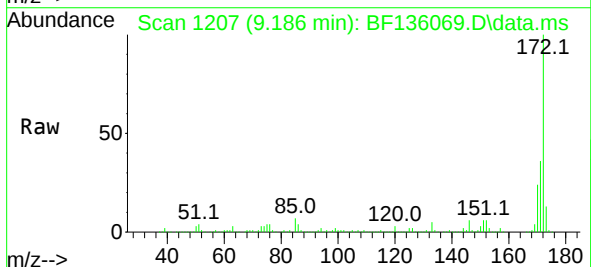
Tgt Ion:172 Resp: 1665601

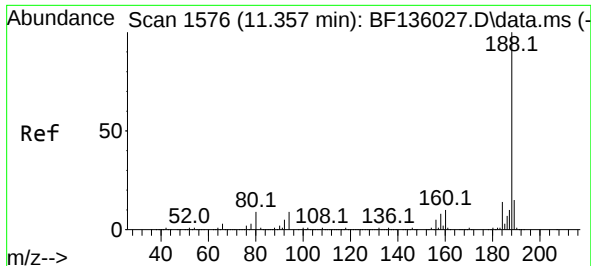
Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

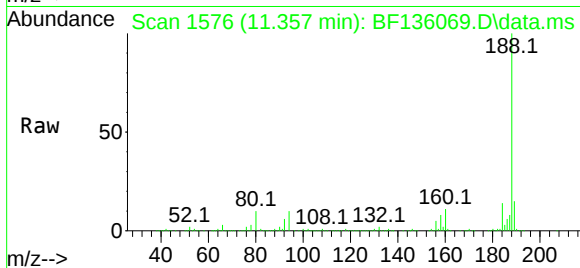
170 24.0 19.3 28.9



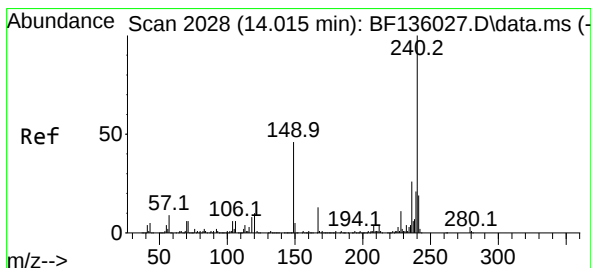
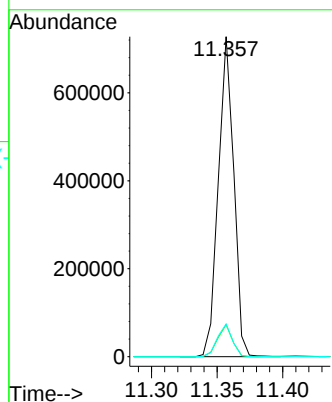
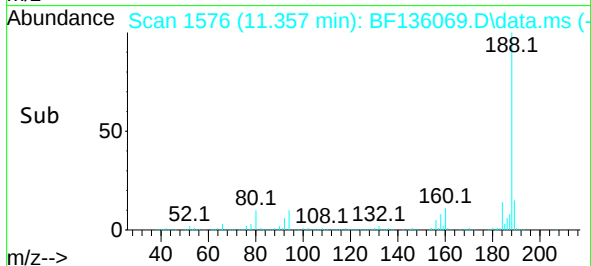


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF136069.D  
Acq: 01 Nov 2023 11:20

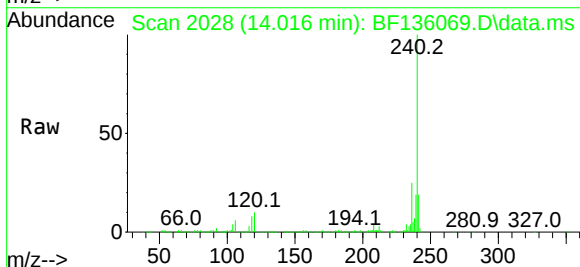
Instrument :  
BNA\_F  
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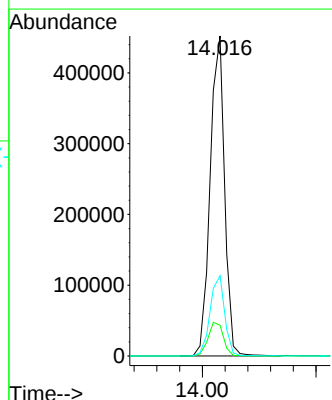
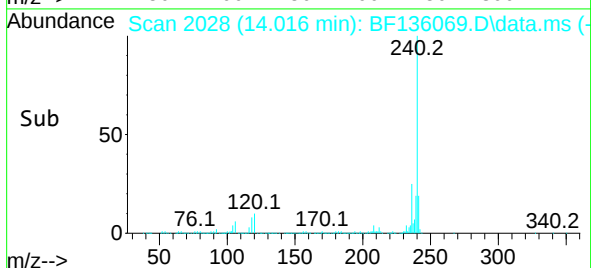
Tgt Ion:188 Resp: 595424  
Ion Ratio Lower Upper  
188 100  
94 10.0 7.2 10.8  
80 10.3 7.4 11.0

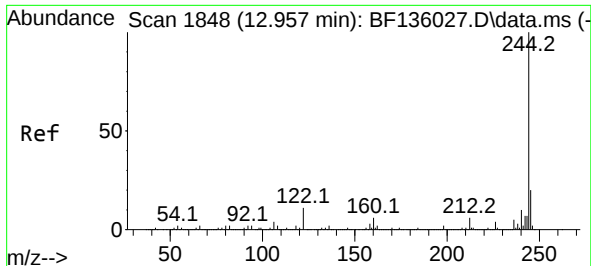


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: BF136069.D  
Acq: 01 Nov 2023 11:20



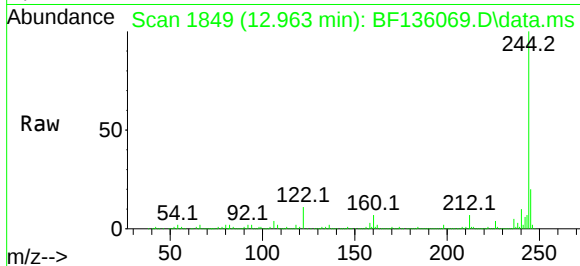
Tgt Ion:240 Resp: 397825  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.6 11.4  
236 25.1 20.6 31.0



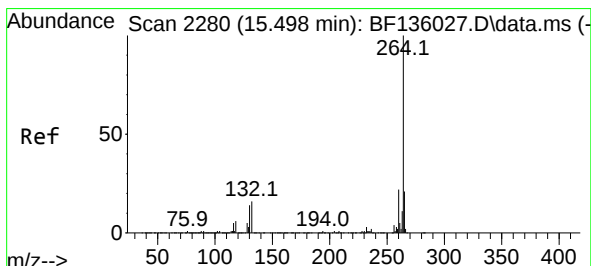
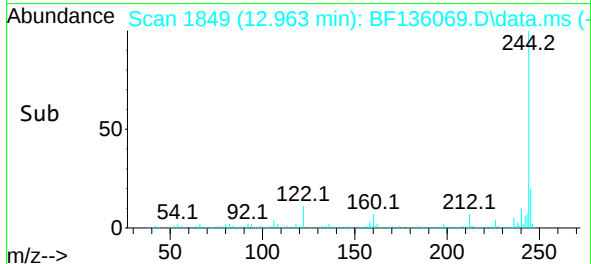
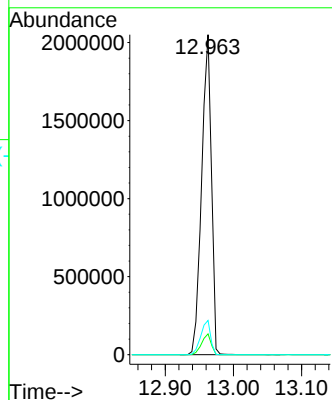


#79  
 Terphenyl-d14  
 Concen: 79.604 ng  
 RT: 12.963 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF136069.D  
 Acq: 01 Nov 2023 11:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB156691BL



Tgt Ion:244 Resp: 2037821  
 Ion Ratio Lower Upper  
 244 100  
 212 6.5 5.1 7.7  
 122 10.7 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.510 min Scan# 2282  
 Delta R.T. 0.012 min  
 Lab File: BF136069.D  
 Acq: 01 Nov 2023 11:20

Tgt Ion:264 Resp: 316287  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 17.9 26.9  
 265 21.6 16.8 25.2

