

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF012924\  
 Data File : BF137187.D  
 Acq On : 29 Jan 2024 12:02  
 Operator : CG\JU  
 Sample : PB158518BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB158518BL

Quant Time: Jan 29 12:23:54 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 27 02:14:33 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 59873    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.075  | 136  | 236959   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.834  | 164  | 141438   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.328 | 188  | 286184   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.980 | 240  | 218478   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.468 | 264  | 166158   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 358853   | 104.127 | ng    | 0.01     |
| 7) Phenol-d6                | 6.428  | 99   | 472818   | 96.142  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.363  | 82   | 457651   | 87.615  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.628 | 330  | 127921   | 80.951  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.157  | 172  | 841808   | 83.563  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.933 | 244  | 1146365  | 73.595  | ng    | 0.00     |

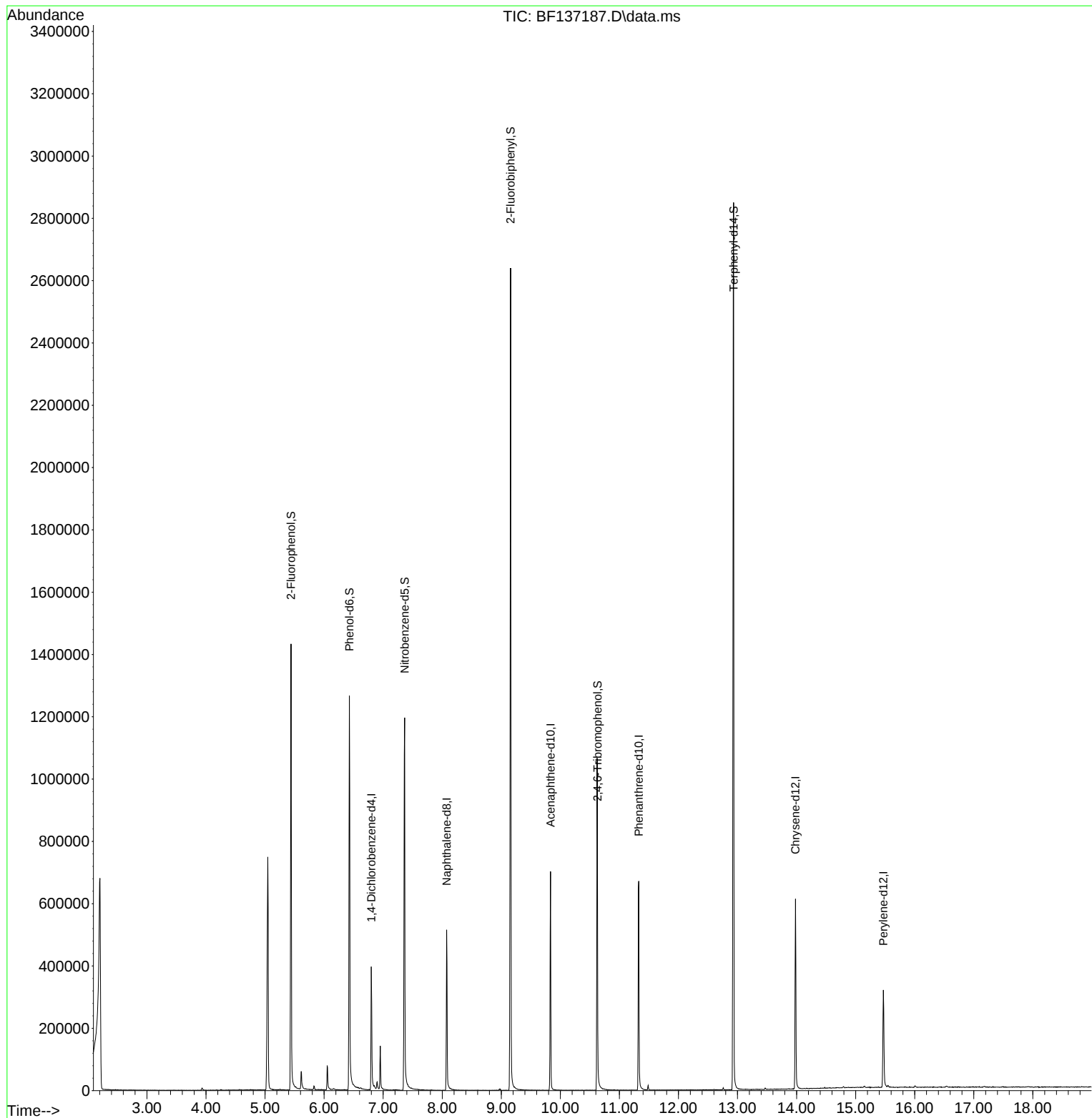
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

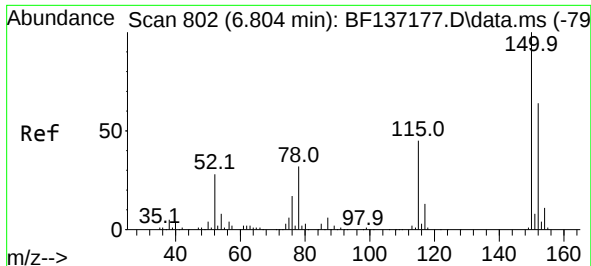
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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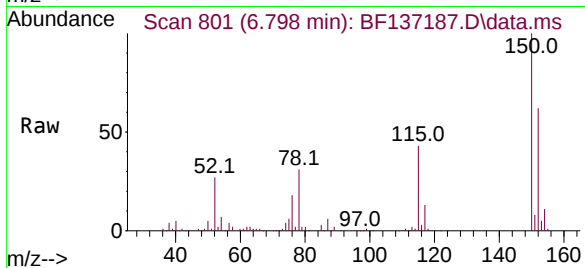
Quant Time: Jan 29 12:23:54 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jan 27 02:14:33 2024  
Response via : Initial Calibration



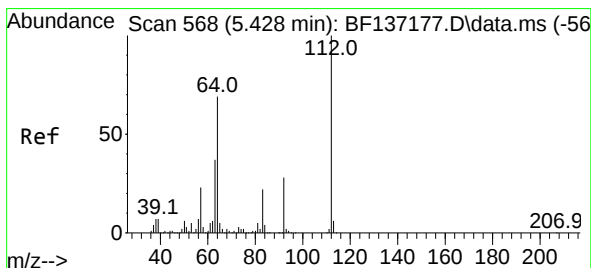
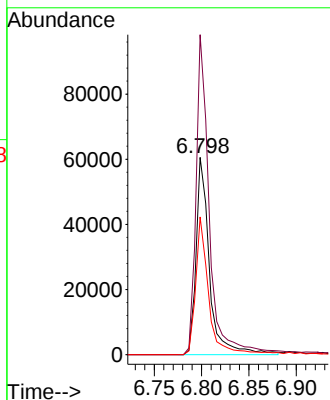
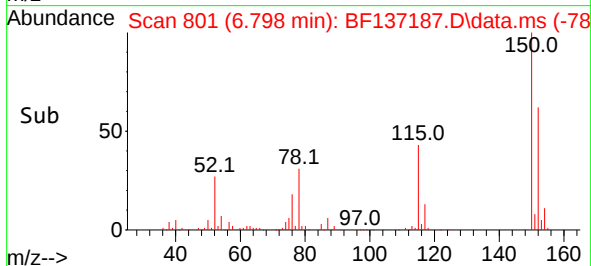


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.798 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BF137187.D  
Acq: 29 Jan 2024 12:02

Instrument :  
BNA\_F  
ClientSampleId :  
PB158518BL

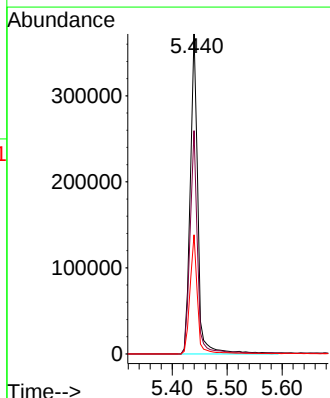
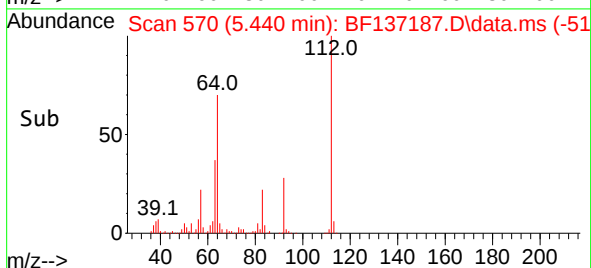
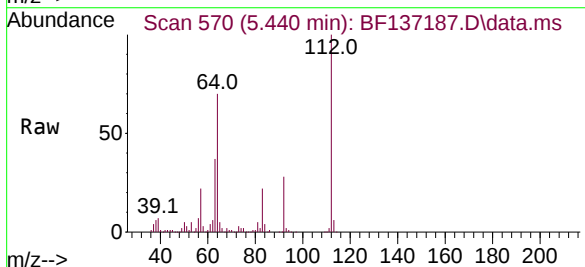


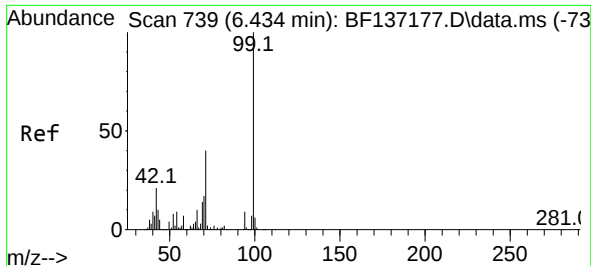
Tgt Ion:152 Resp: 59873  
Ion Ratio Lower Upper  
152 100  
150 162.2 125.6 188.4  
115 69.8 55.9 83.9



#5  
2-Fluorophenol  
Concen: 104.127 ng  
RT: 5.440 min Scan# 570  
Delta R.T. 0.012 min  
Lab File: BF137187.D  
Acq: 29 Jan 2024 12:02

Tgt Ion:112 Resp: 358853  
Ion Ratio Lower Upper  
112 100  
64 69.8 55.5 83.3  
63 37.2 29.8 44.8





#7

Phenol-d6

Concen: 96.142 ng

RT: 6.428 min Scan# 739

Delta R.T. -0.006 min

Lab File: BF137187.D

Acq: 29 Jan 2024 12:02

Instrument :

BNA\_F

ClientSampleId :

PB158518BL

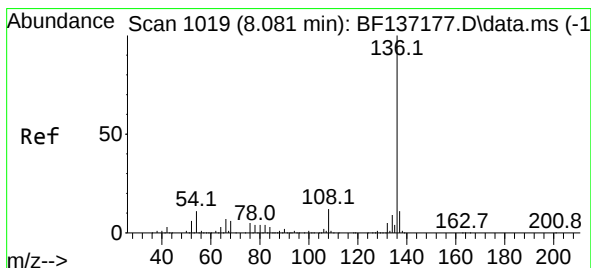
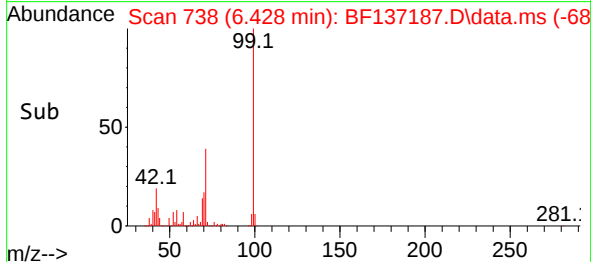
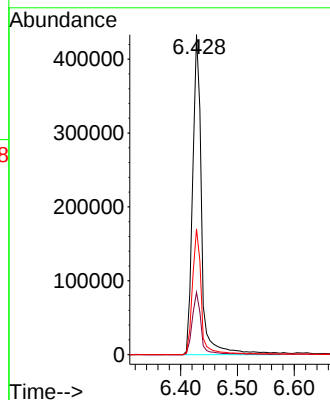
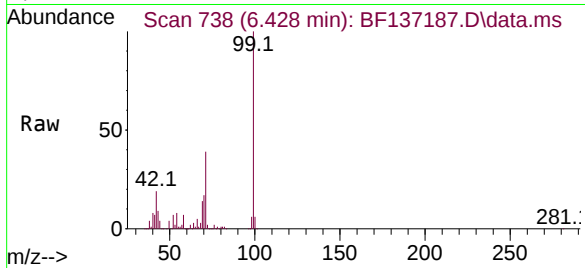
Tgt Ion: 99 Resp: 472818

Ion Ratio Lower Upper

99 100

42 19.5 16.6 25.0

71 39.3 31.8 47.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF137187.D

Acq: 29 Jan 2024 12:02

Tgt Ion: 136 Resp: 236959

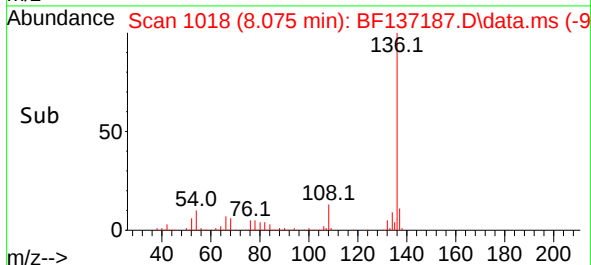
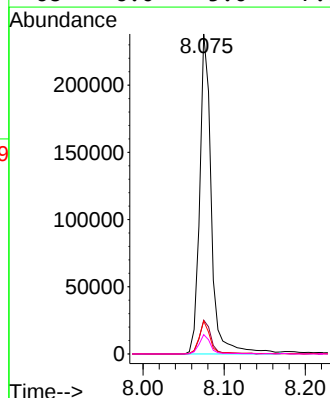
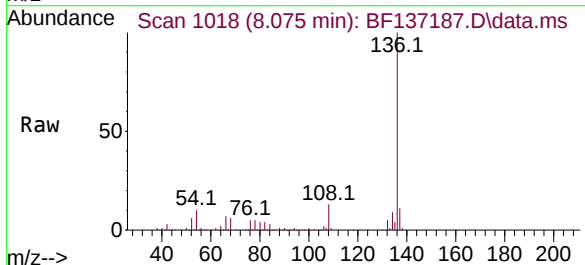
Ion Ratio Lower Upper

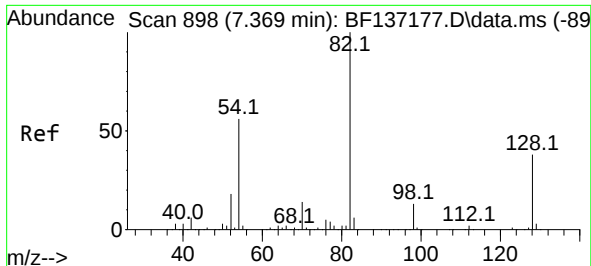
136 100

137 10.5 8.7 13.1

54 10.3 8.7 13.1

68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.615 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137187.D

Acq: 29 Jan 2024 12:02

Instrument :

BNA\_F

ClientSampleId :

PB158518BL

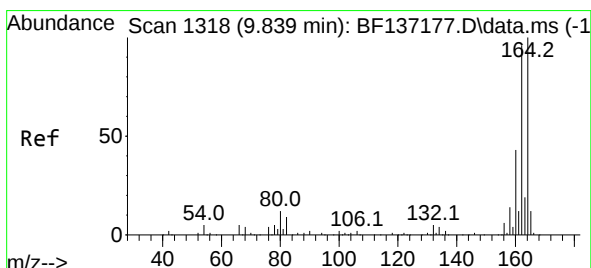
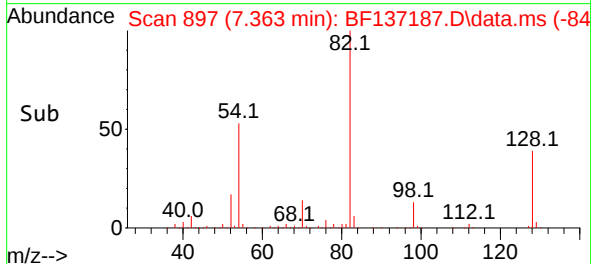
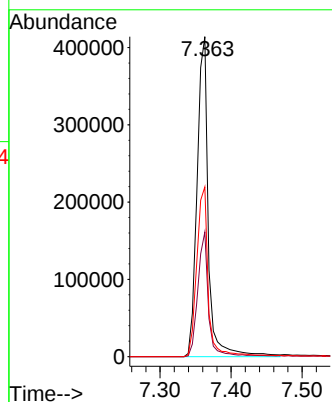
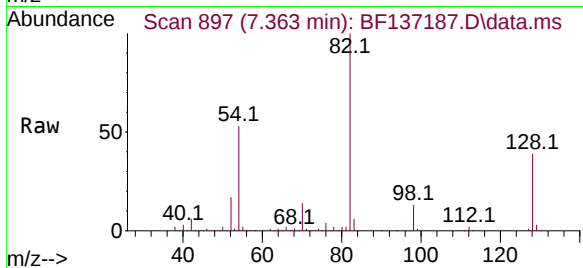
Tgt Ion: 82 Resp: 457651

Ion Ratio Lower Upper

82 100

128 38.9 30.3 45.5

54 53.0 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF137187.D

Acq: 29 Jan 2024 12:02

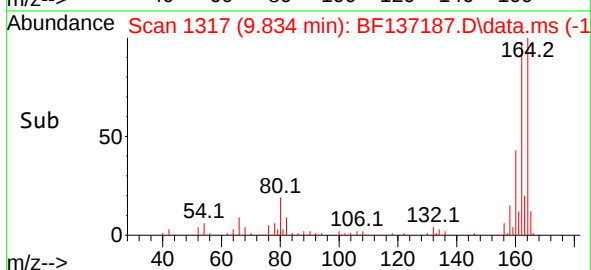
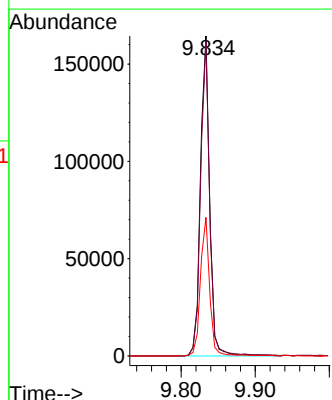
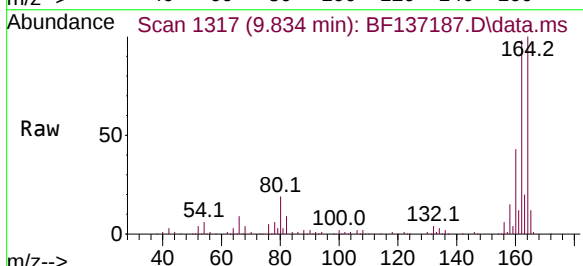
Tgt Ion:164 Resp: 141438

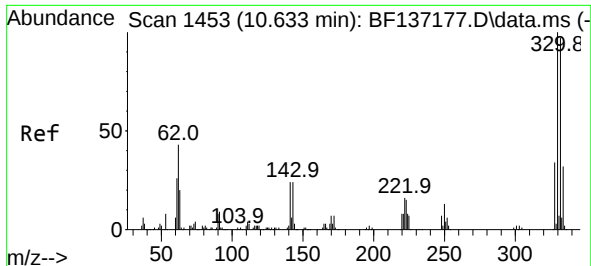
Ion Ratio Lower Upper

164 100

162 98.2 77.0 115.4

160 43.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 80.951 ng

RT: 10.628 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137187.D

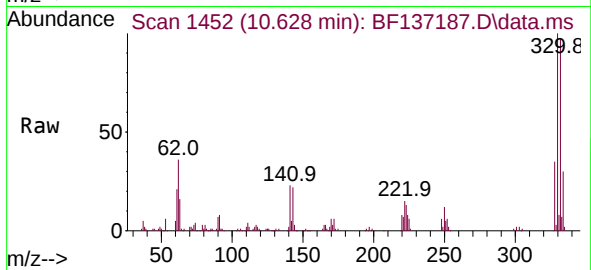
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Instrument :

BNA\_F

ClientSampleId :

PB158518BL



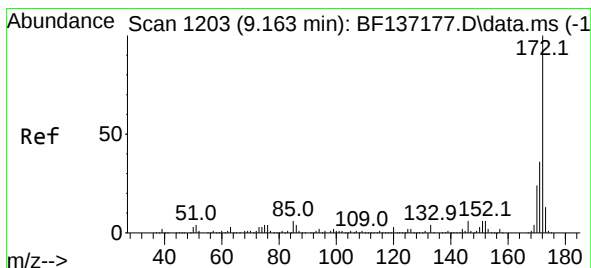
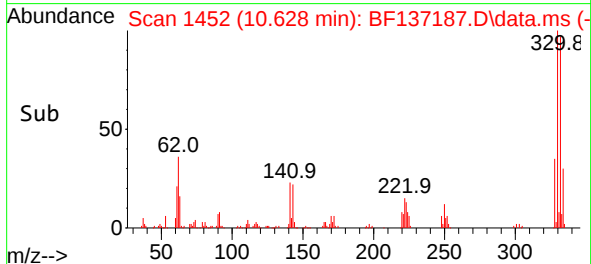
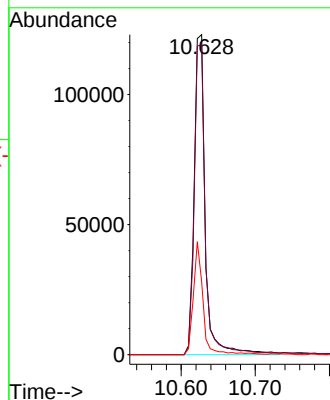
Tgt Ion:330 Resp: 127921

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 30.5 23.7 35.5



#45

2-Fluorobiphenyl

Concen: 83.563 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF137187.D

Acq: 29 Jan 2024 12:02

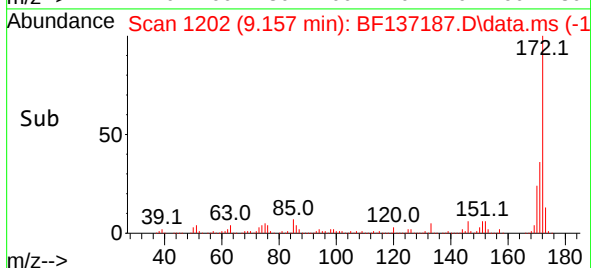
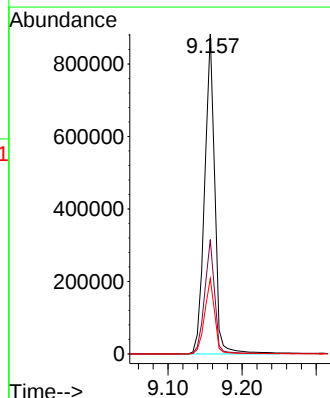
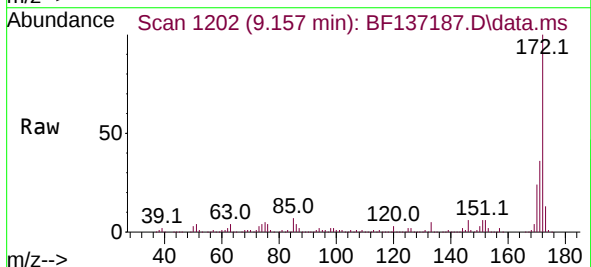
Tgt Ion:172 Resp: 841808

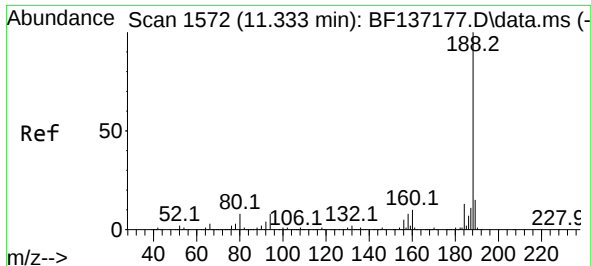
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.5 19.2 28.8

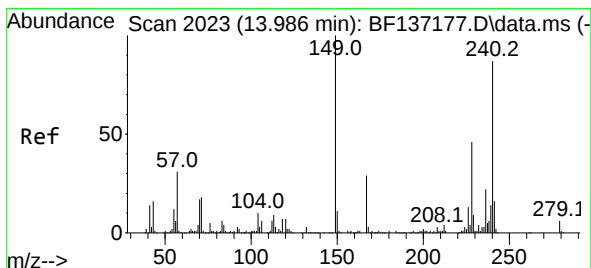
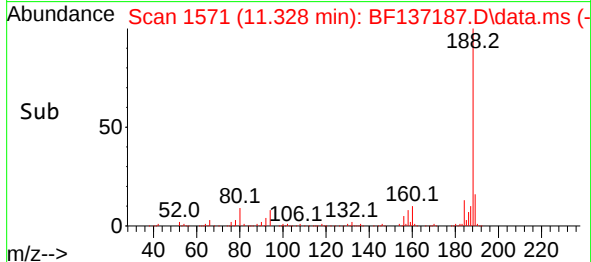
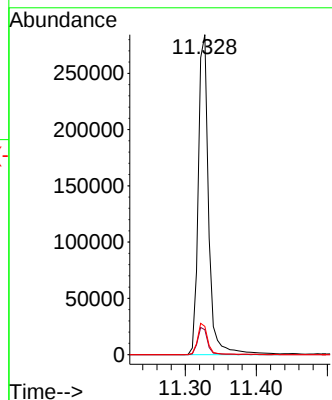
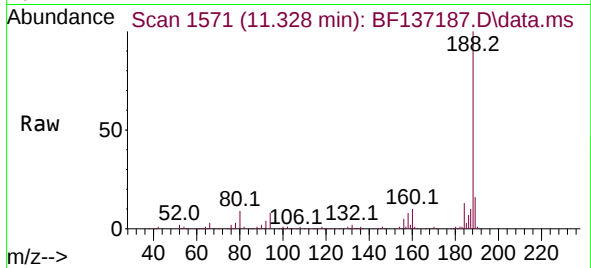




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.328 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF137187.D  
Acq: 29 Jan 2024 12:02

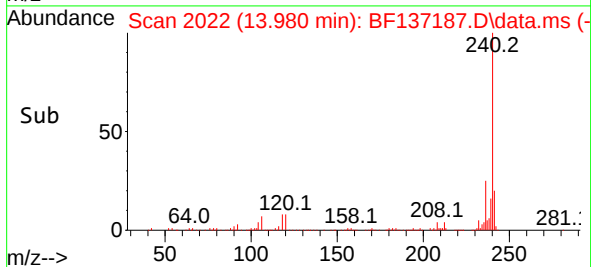
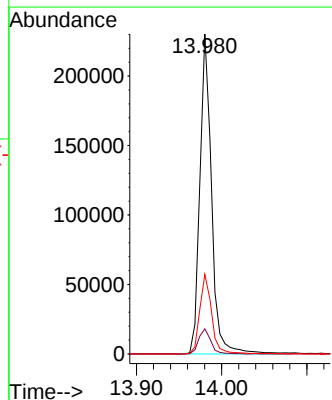
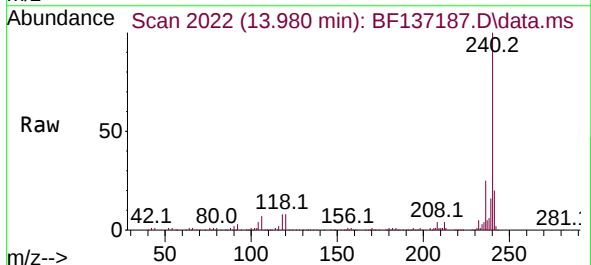
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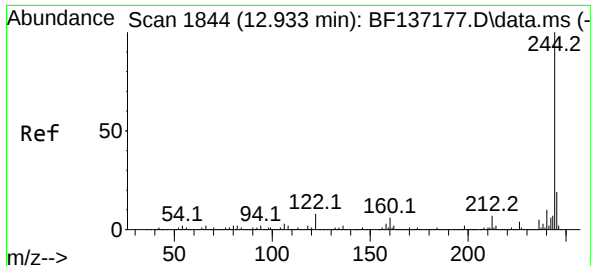
Tgt Ion:188 Resp: 286184  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.0 9.0  
80 8.9 6.7 10.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF137187.D  
Acq: 29 Jan 2024 12:02

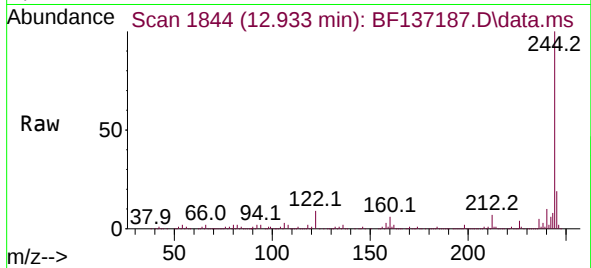
Tgt Ion:240 Resp: 218478  
Ion Ratio Lower Upper  
240 100  
120 7.8 6.7 10.1  
236 24.8 20.4 30.6



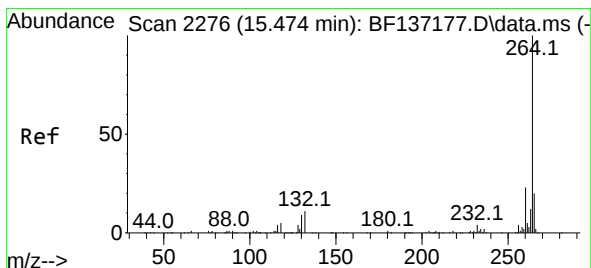
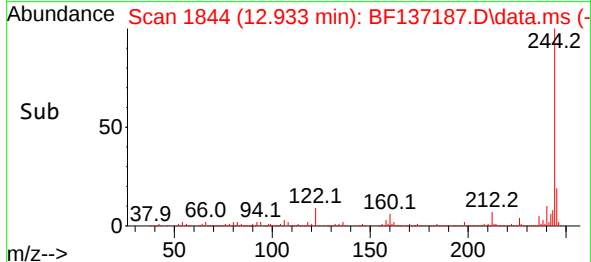
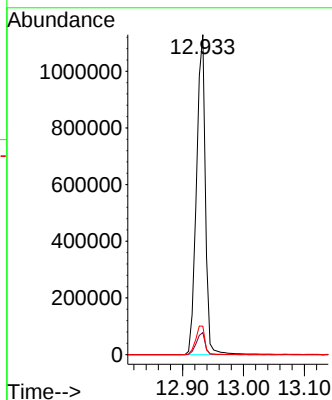


#79  
 Terphenyl-d14  
 Concen: 73.595 ng  
 RT: 12.933 min Scan# 1844  
 Delta R.T. 0.000 min  
 Lab File: BF137187.D  
 Acq: 29 Jan 2024 12:02

Instrument :  
 BNA\_F  
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 PB158518BL



Tgt Ion:244 Resp: 1146365  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.2  
 122 8.9 6.6 9.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.468 min Scan# 2275  
 Delta R.T. -0.006 min  
 Lab File: BF137187.D  
 Acq: 29 Jan 2024 12:02

Tgt Ion:264 Resp: 166158  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.2 27.4  
 265 21.0 16.3 24.5

