

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF091824\  
 Data File : BF139421.D  
 Acq On : 18 Sep 2024 12:08  
 Operator : RC/JU  
 Sample : PB163372BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB163372BL

Quant Time: Sep 18 12:41:25 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 14 02:58:23 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 74733    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 282623   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 163549   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 313440   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.033 | 240  | 197886   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.498 | 264  | 144410   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 633348   | 138.254 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 829709   | 137.987 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.439  | 82   | 562384   | 93.547  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 230624   | 132.453 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 1067098  | 91.509  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1202430  | 99.737  | ng    | 0.00     |

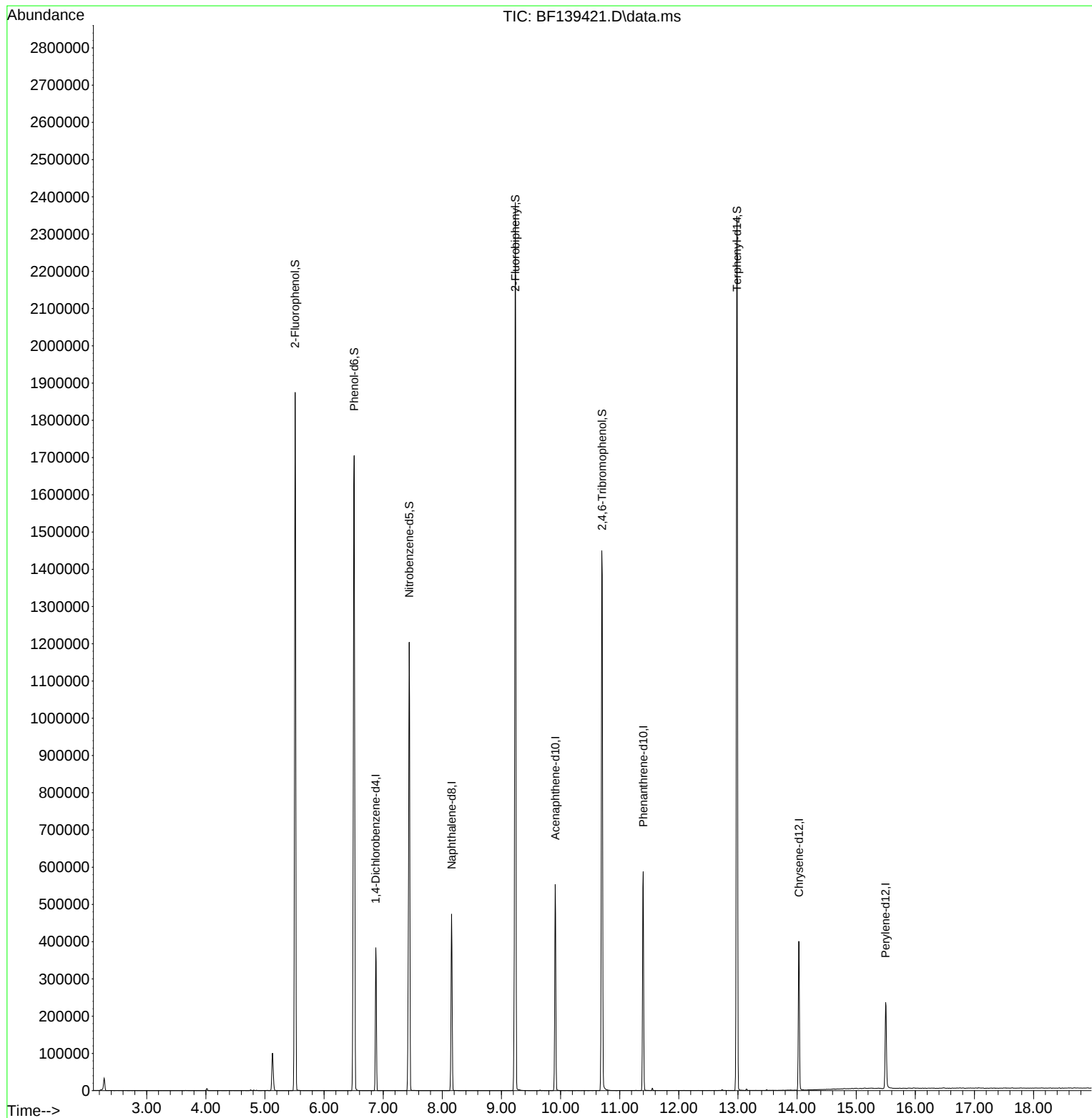
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

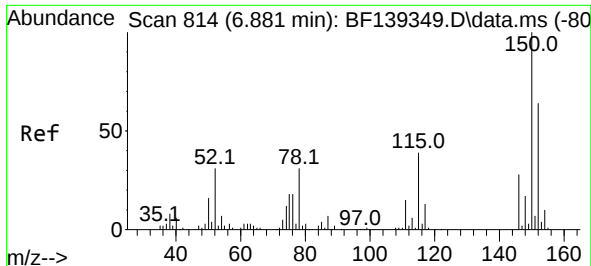
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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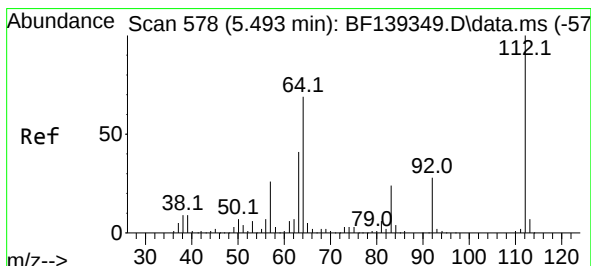
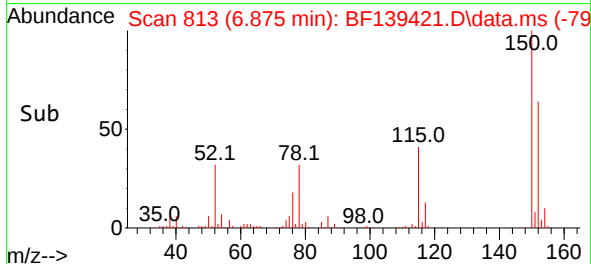
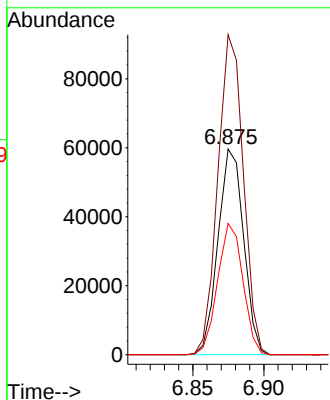
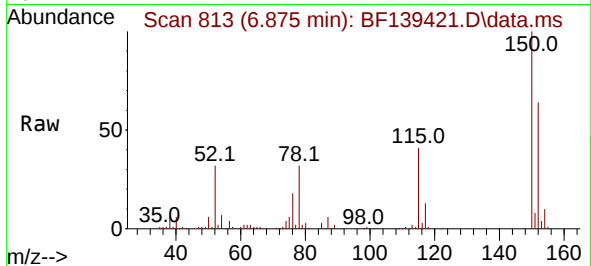




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF139421.D  
Acq: 18 Sep 2024 12:08

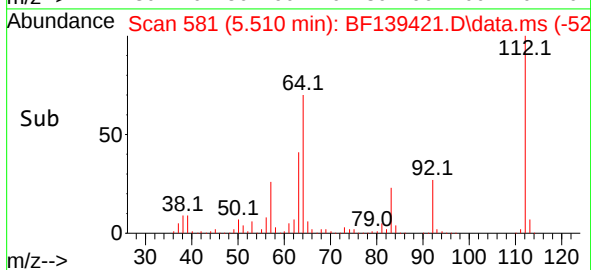
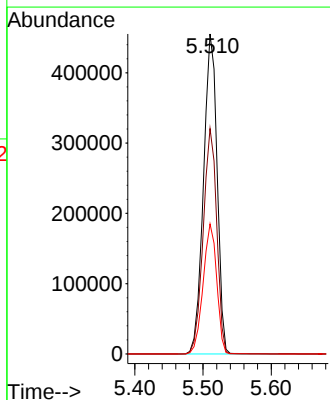
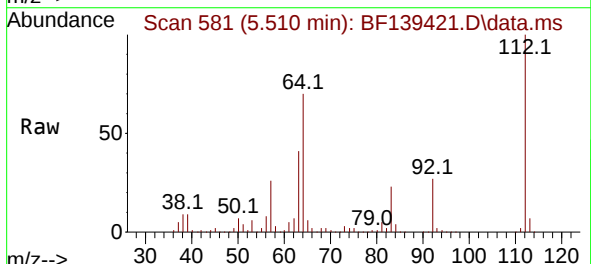
Instrument :  
BNA\_F  
ClientSampleId :  
PB163372BL

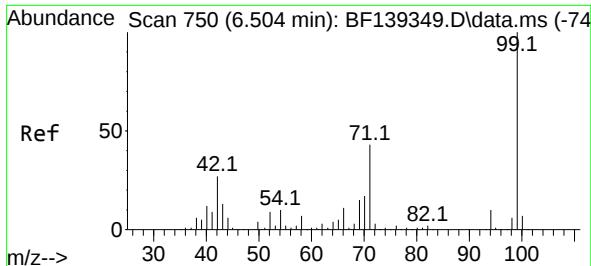
Tgt Ion:152 Resp: 74733  
Ion Ratio Lower Upper  
152 100  
150 155.6 124.1 186.1  
115 63.8 48.1 72.1



#5  
2-Fluorophenol  
Concen: 138.254 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.017 min  
Lab File: BF139421.D  
Acq: 18 Sep 2024 12:08

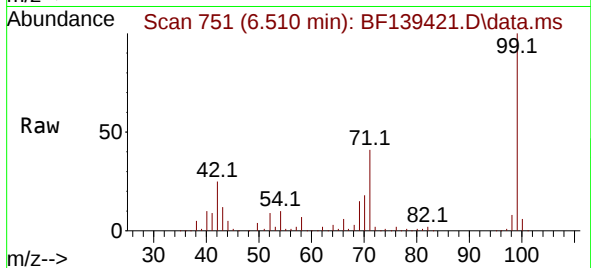
Tgt Ion:112 Resp: 633348  
Ion Ratio Lower Upper  
112 100  
64 70.4 54.8 82.2  
63 40.6 33.0 49.4





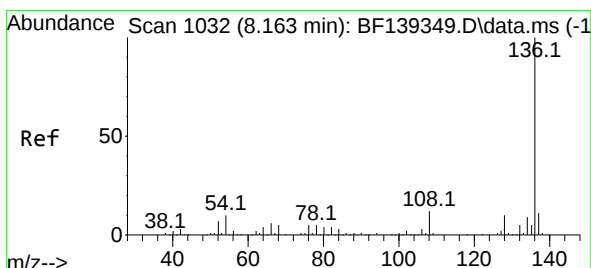
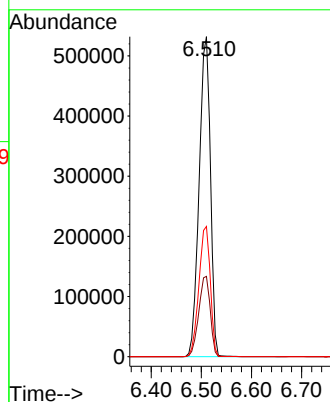
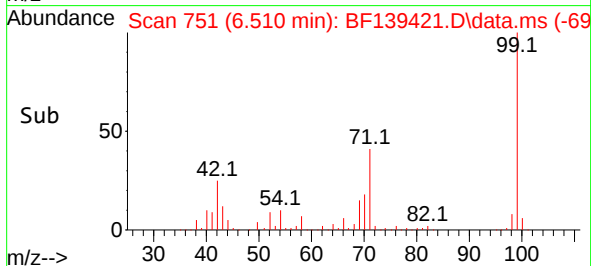
#7  
Phenol-d6  
Concen: 137.987 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF139421.D  
Acq: 18 Sep 2024 12:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB163372BL

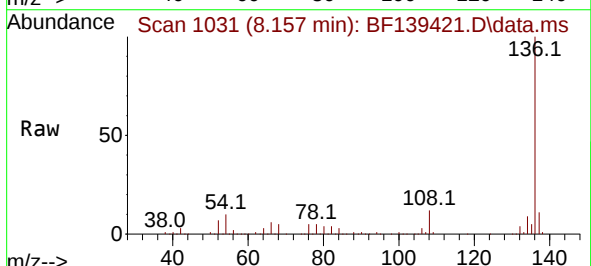


Tgt Ion: 99 Resp: 829709

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 25.1  | 21.9  | 32.9  |
| 71  | 40.7  | 34.6  | 52.0  |

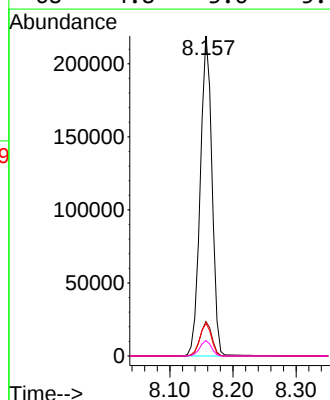
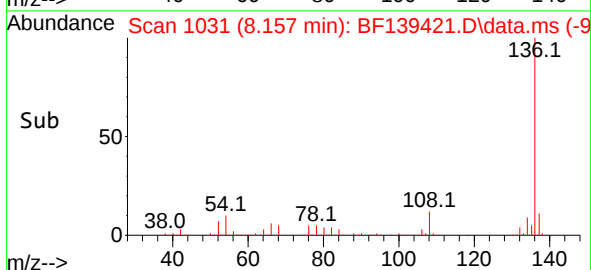


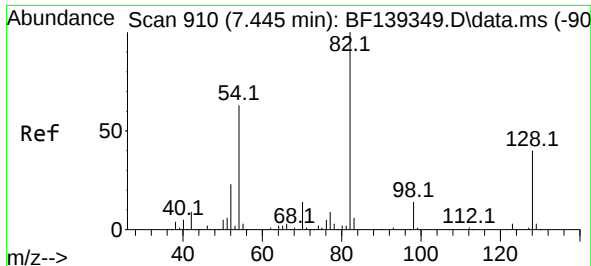
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF139421.D  
Acq: 18 Sep 2024 12:08



Tgt Ion: 136 Resp: 282623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 12.8  |
| 54  | 10.2  | 7.8   | 11.8  |
| 68  | 4.8   | 3.6   | 5.4   |





#23

Nitrobenzene-d5

Concen: 93.547 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

Instrument :

BNA\_F

ClientSampleId :

PB163372BL

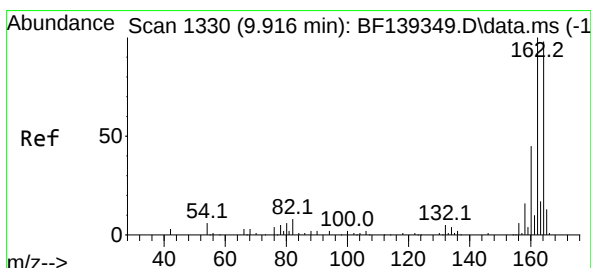
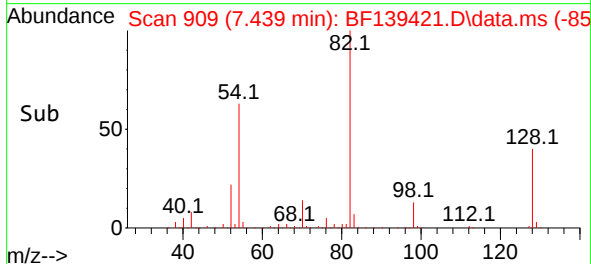
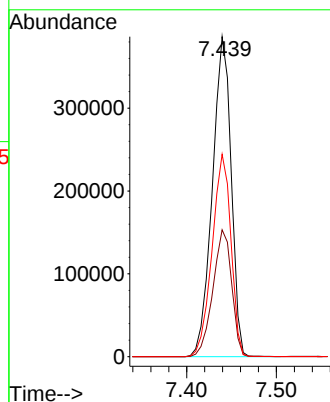
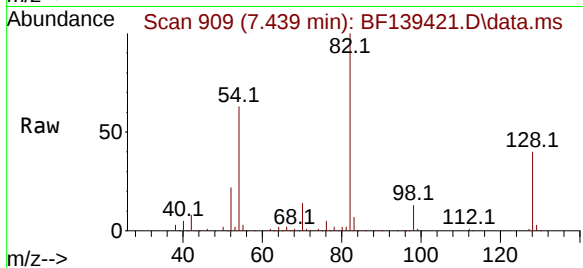
Tgt Ion: 82 Resp: 562384

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

54 63.3 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

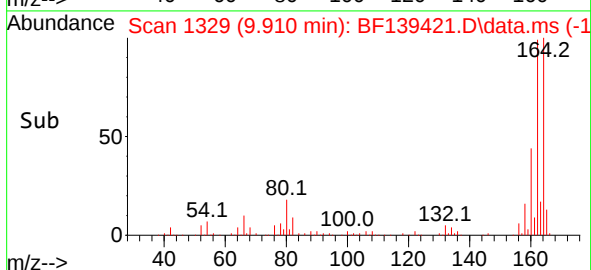
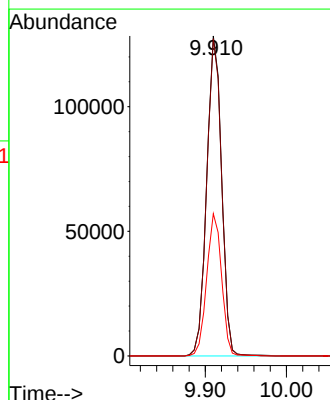
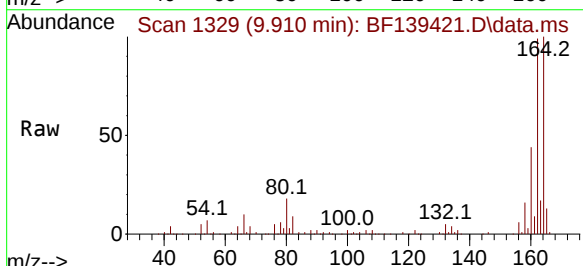
Tgt Ion:164 Resp: 163549

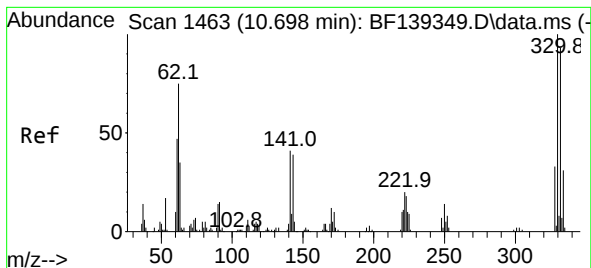
Ion Ratio Lower Upper

164 100

162 99.1 81.3 121.9

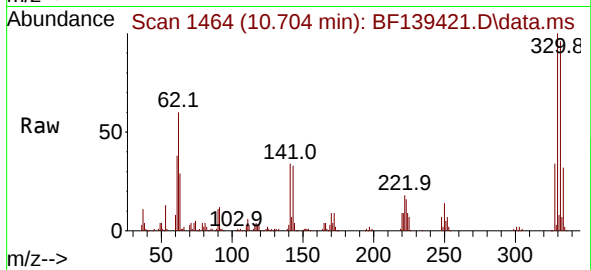
160 44.5 36.4 54.6



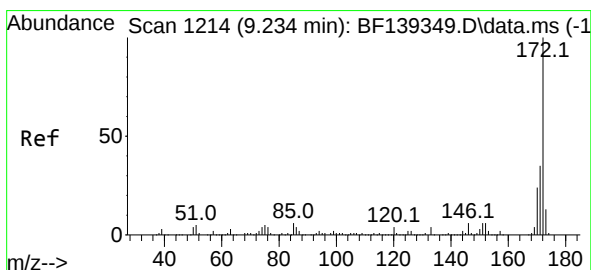
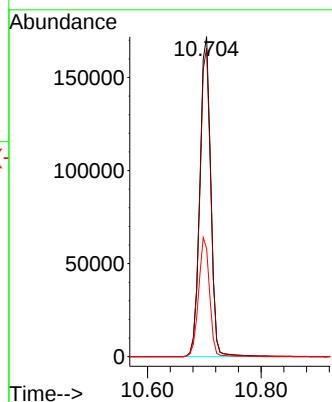
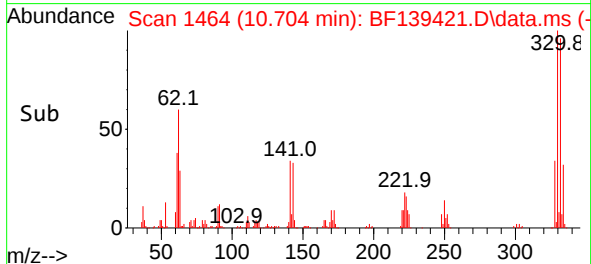


#42  
2,4,6-Tribromophenol  
Concen: 132.453 ng  
RT: 10.704 min Scan# 1464  
Delta R.T. 0.006 min  
Lab File: BF139421.D  
Acq: 18 Sep 2024 12:08

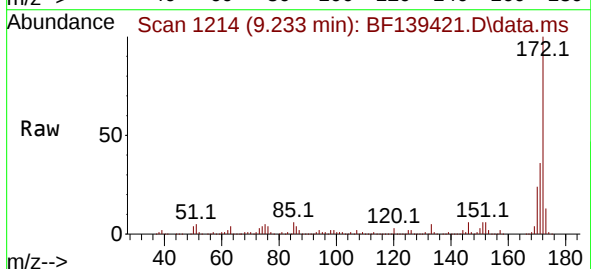
Instrument :  
BNA\_F  
ClientSampleId :  
PB163372BL



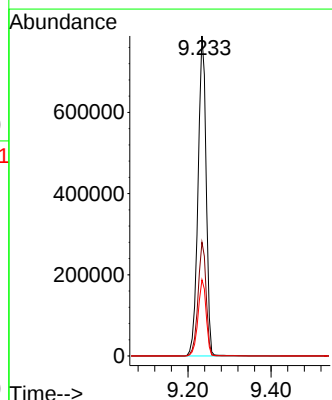
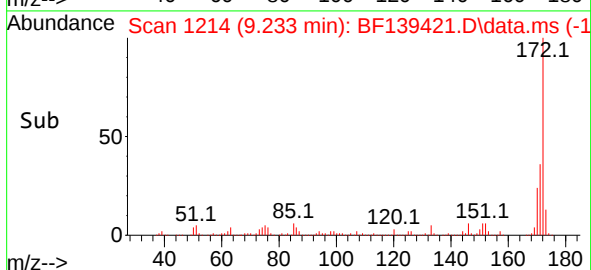
Tgt Ion:330 Resp: 230624  
Ion Ratio Lower Upper  
330 100  
332 96.9 75.2 112.8  
141 37.4 31.2 46.8

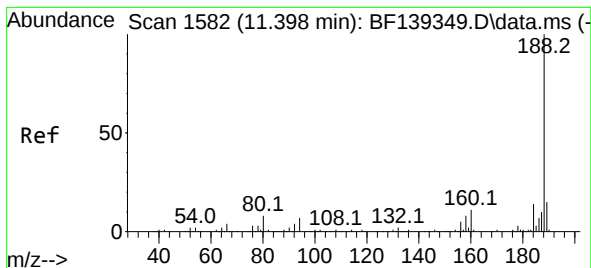


#45  
2-Fluorobiphenyl  
Concen: 91.509 ng  
RT: 9.233 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: BF139421.D  
Acq: 18 Sep 2024 12:08



Tgt Ion:172 Resp: 1067098  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.3 42.5  
170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

Instrument :

BNA\_F

ClientSampleId :

PB163372BL

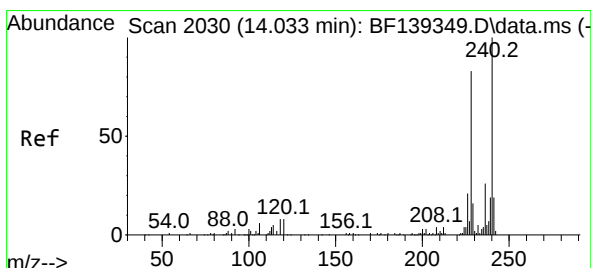
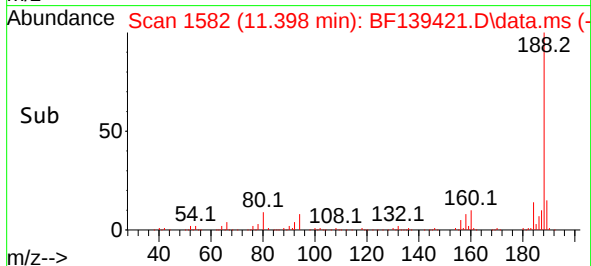
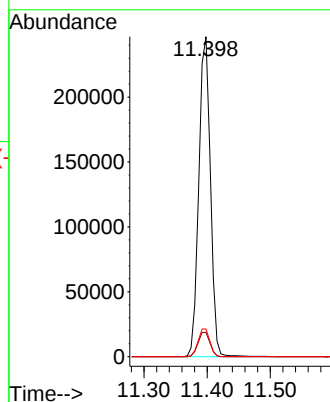
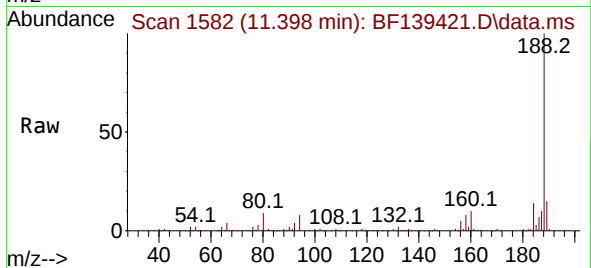
Tgt Ion:188 Resp: 313440

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

80 8.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

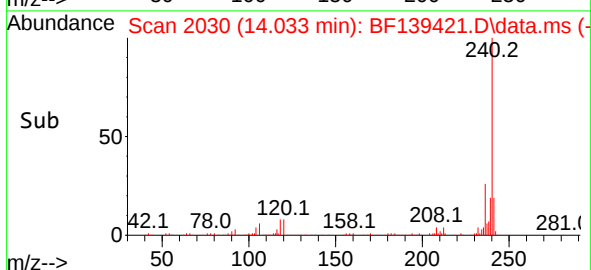
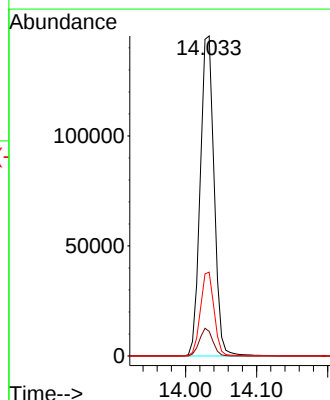
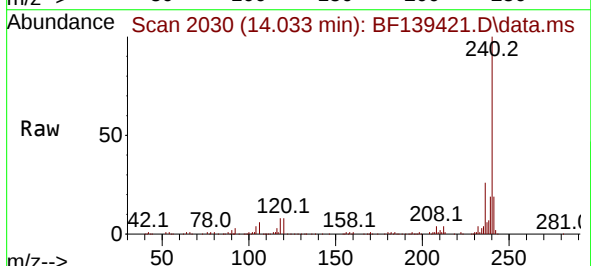
Tgt Ion:240 Resp: 197886

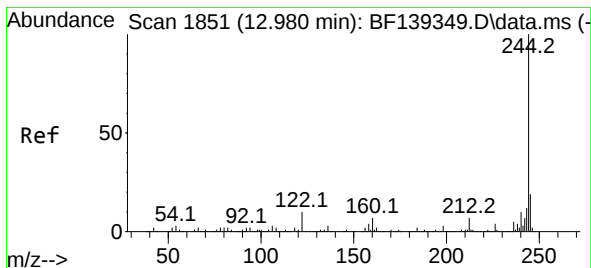
Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.2

236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 99.737 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139421.D

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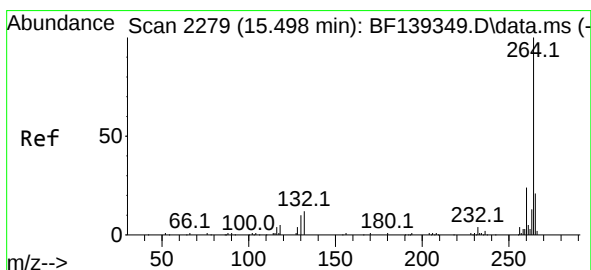
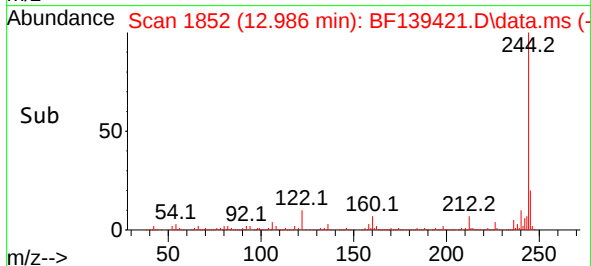
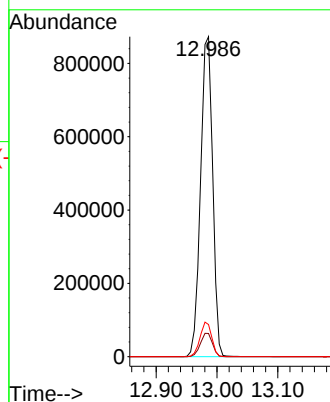
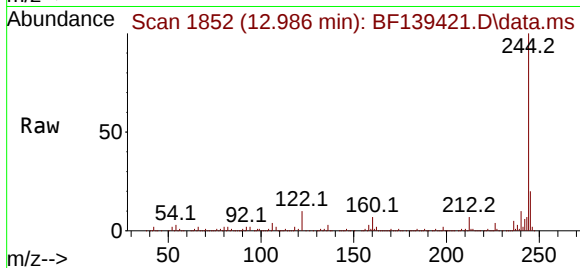
Tgt Ion:244 Resp: 1202430

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139421.D

Acq: 18 Sep 2024 12:08

Tgt Ion:264 Resp: 144410

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.9 16.6 25.0

