

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092624\  
Data File : BF139548.D  
Acq On : 26 Sep 2024 15:31  
Operator : RC/JU  
Sample : PB163697BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB163697BL

Quant Time: Sep 26 16:00:16 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  | 81130    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 310840   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.910  | 164  | 172665   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 326485   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.039 | 240  | 194540   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.510 | 264  | 150997   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 685014   | 137.741 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 894447   | 137.024 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.440  | 82   | 597531   | 90.371  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 226724   | 123.338 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.234  | 172  | 1088434  | 88.411  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 1169473  | 98.672  | ng    | 0.00     |

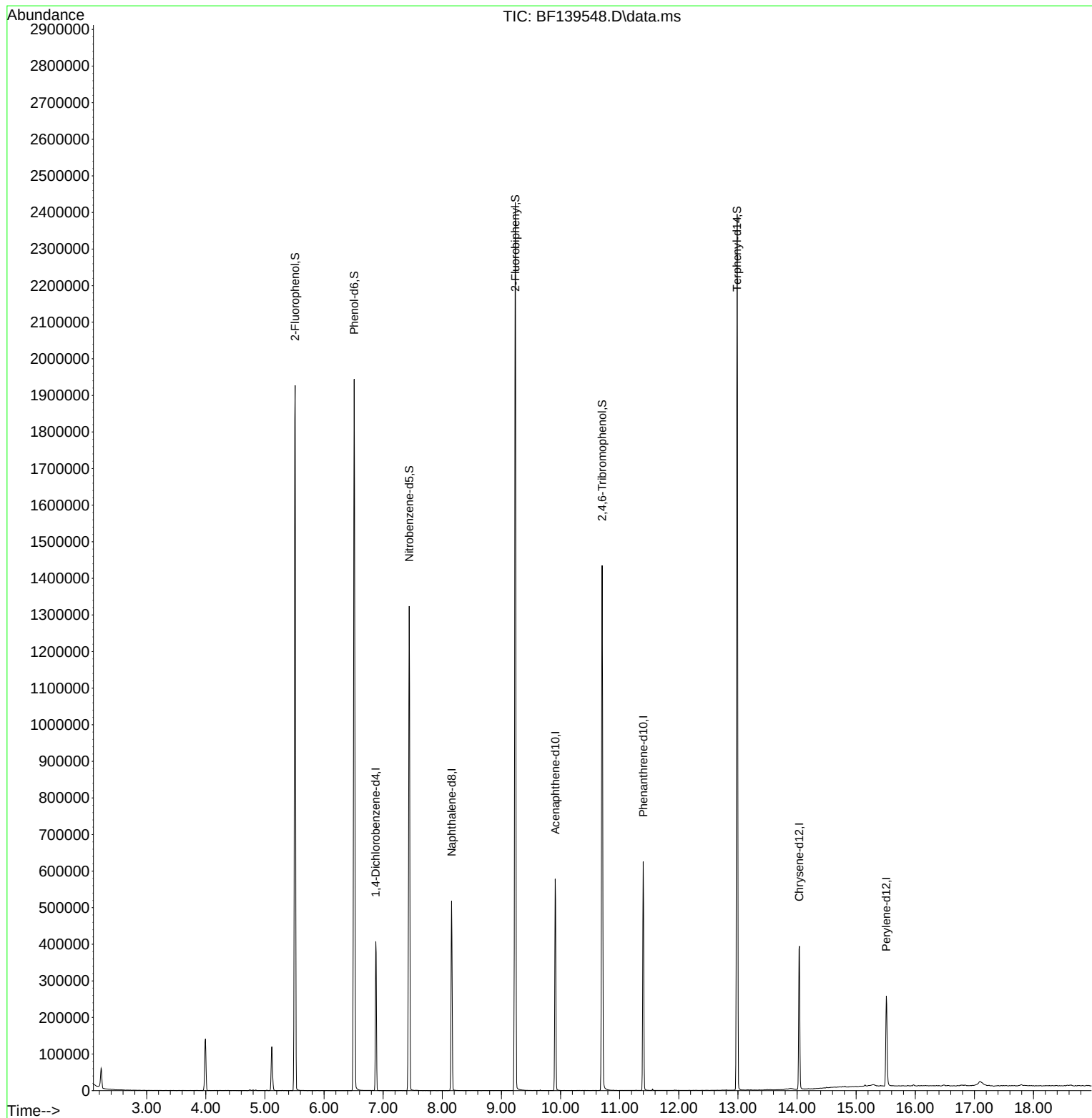
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

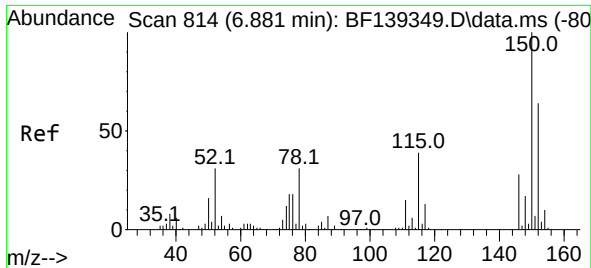
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092624\  
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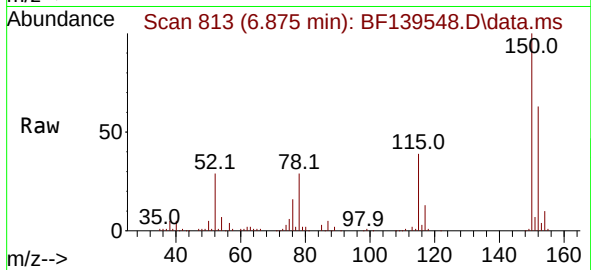
Quant Time: Sep 26 16:00:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Sep 14 02:58:23 2024  
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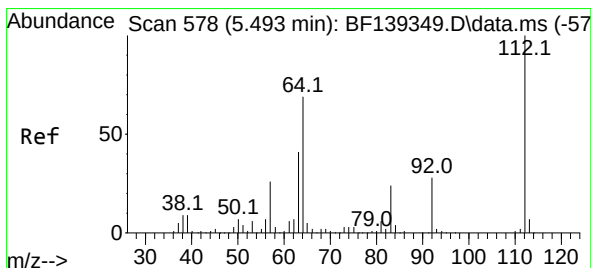
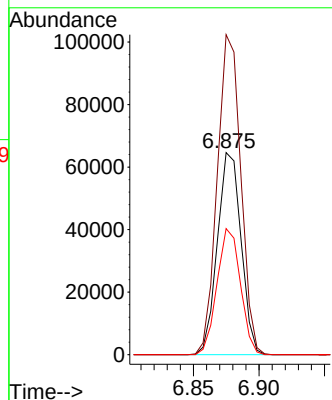
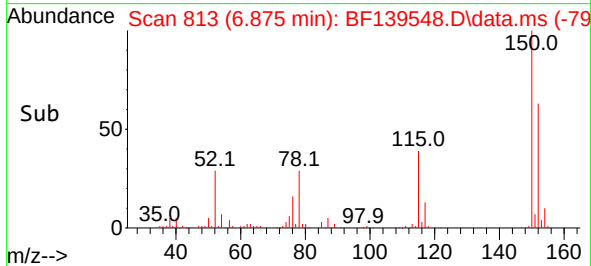


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BF139548.D  
Acq: 26 Sep 2024 15:31

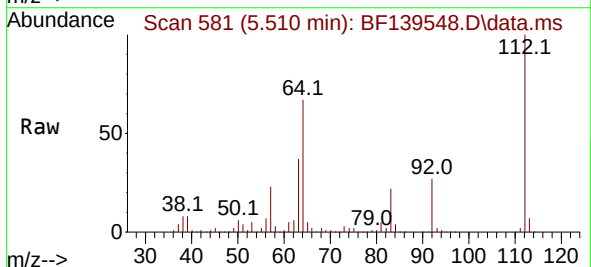
Instrument :  
BNA\_F  
ClientSampleId :  
PB163697BL



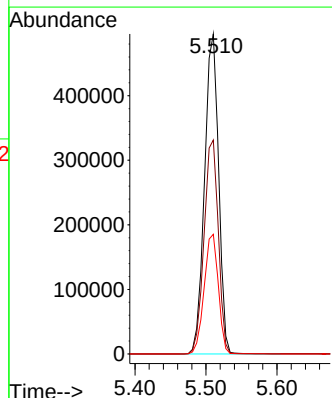
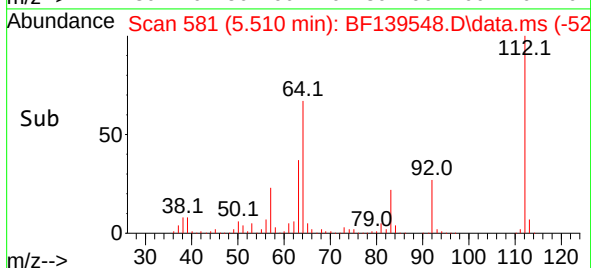
Tgt Ion:152 Resp: 81130  
Ion Ratio Lower Upper  
152 100  
150 158.3 124.1 186.1  
115 62.4 48.1 72.1

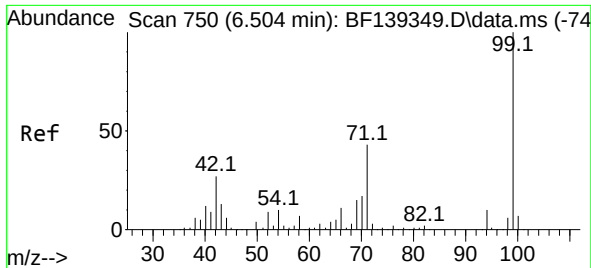


#5  
2-Fluorophenol  
Concen: 137.741 ng  
RT: 5.510 min Scan# 581  
Delta R.T. 0.017 min  
Lab File: BF139548.D  
Acq: 26 Sep 2024 15:31



Tgt Ion:112 Resp: 685014  
Ion Ratio Lower Upper  
112 100  
64 66.8 54.8 82.2  
63 37.4 33.0 49.4

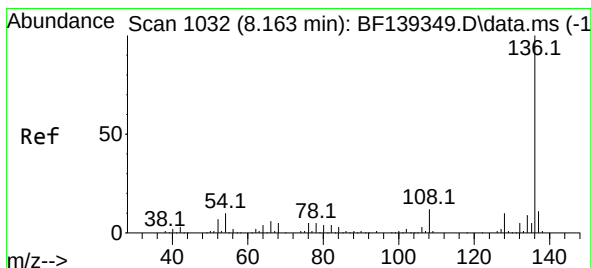
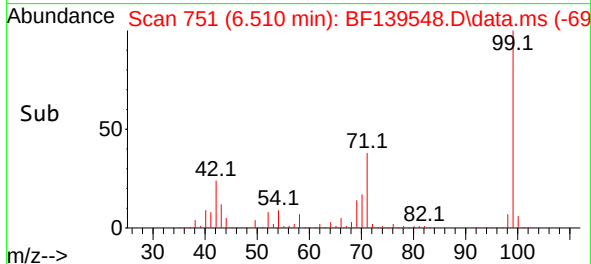
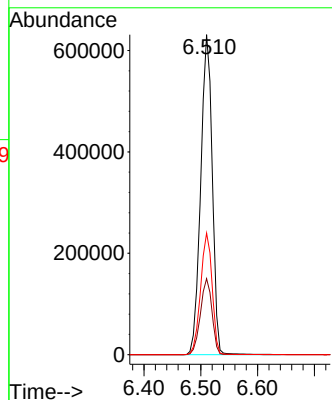
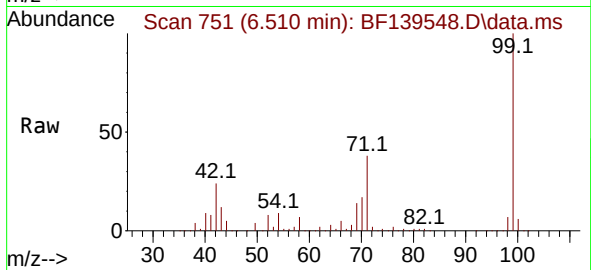




#7  
Phenol-d6  
Concen: 137.024 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF139548.D  
Acq: 26 Sep 2024 15:31

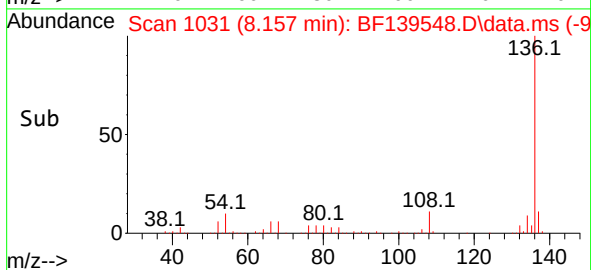
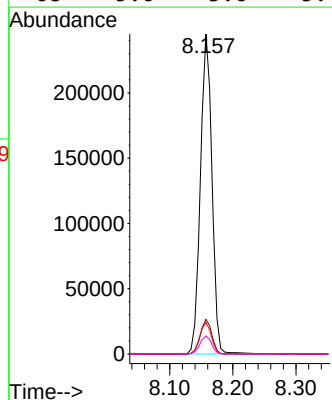
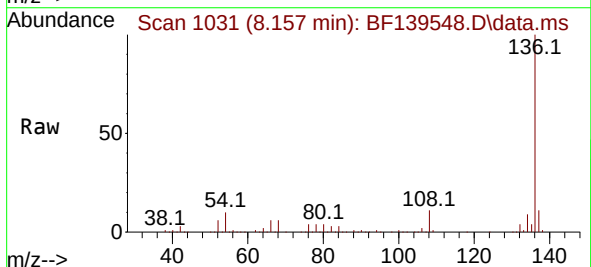
Instrument :  
BNA\_F  
ClientSampleId :  
PB163697BL

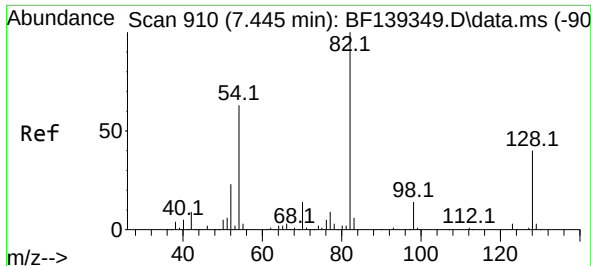
Tgt Ion: 99 Resp: 894447  
Ion Ratio Lower Upper  
99 100  
42 23.7 21.9 32.9  
71 38.0 34.6 52.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF139548.D  
Acq: 26 Sep 2024 15:31

Tgt Ion:136 Resp: 310840  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 12.8  
54 9.9 7.8 11.8  
68 5.6 3.6 5.4





#23

Nitrobenzene-d5

Concen: 90.371 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139548.D

Acq: 26 Sep 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

PB163697BL

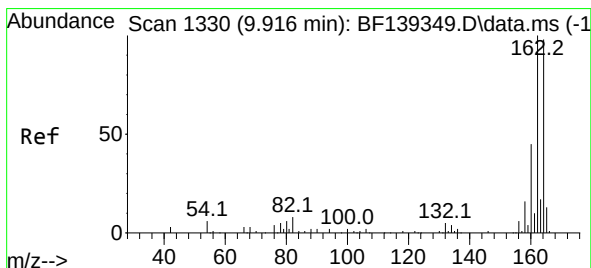
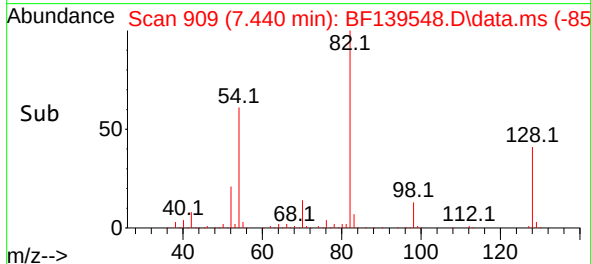
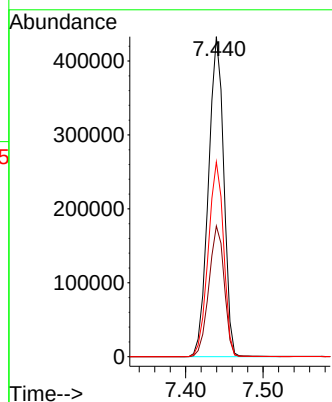
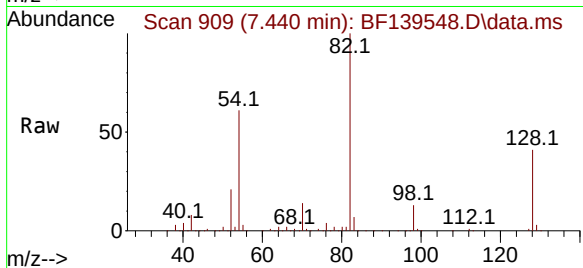
Tgt Ion: 82 Resp: 597531

Ion Ratio Lower Upper

82 100

128 40.9 31.8 47.6

54 60.8 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: BF139548.D

Acq: 26 Sep 2024 15:31

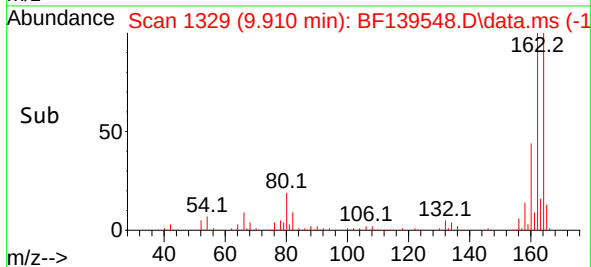
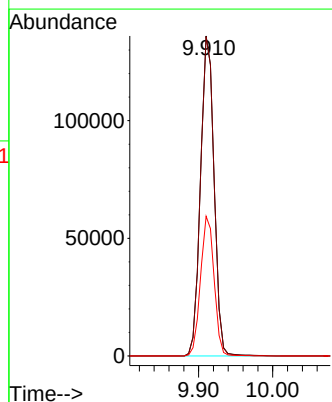
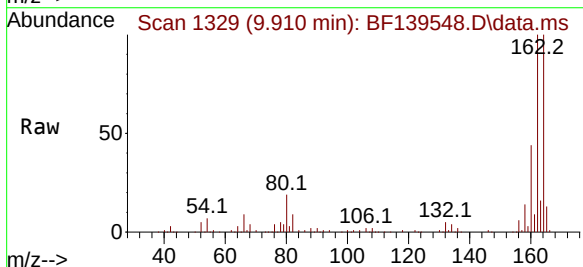
Tgt Ion:164 Resp: 172665

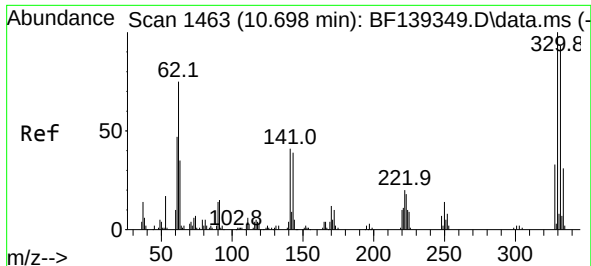
Ion Ratio Lower Upper

164 100

162 99.8 81.3 121.9

160 43.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 123.338 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139548.D

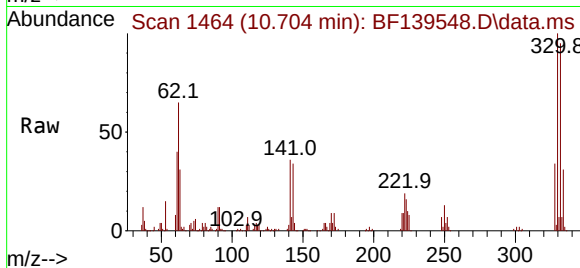
Acq: 26 Sep 2024 15:31

Instrument :

BNA\_F

ClientSampleId :

PB163697BL



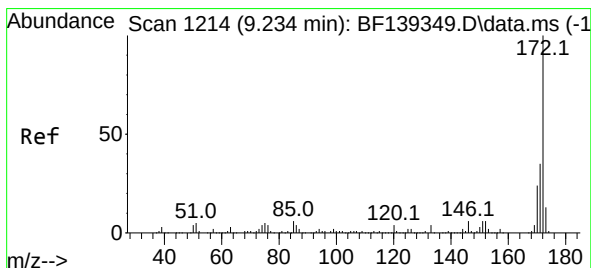
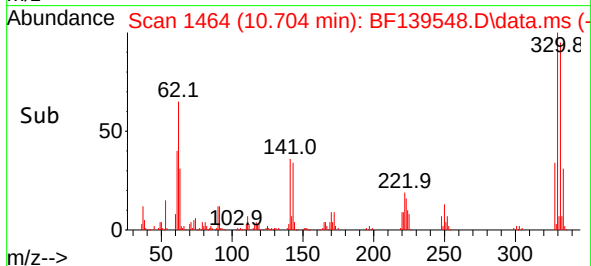
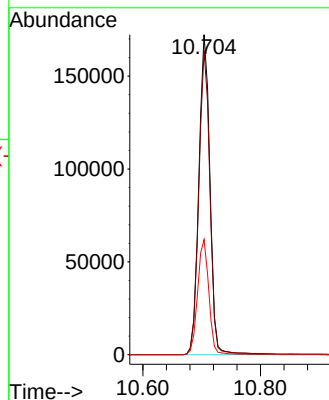
Tgt Ion:330 Resp: 226724

Ion Ratio Lower Upper

330 100

332 94.4 75.2 112.8

141 36.2 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 88.411 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139548.D

Acq: 26 Sep 2024 15:31

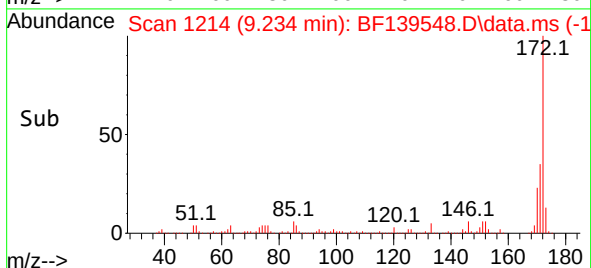
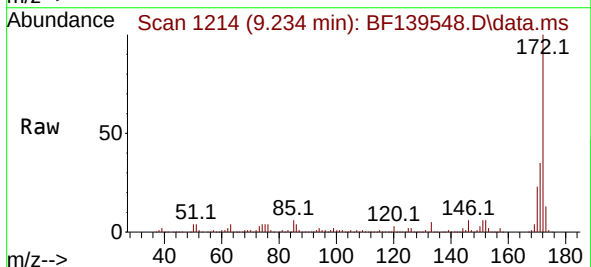
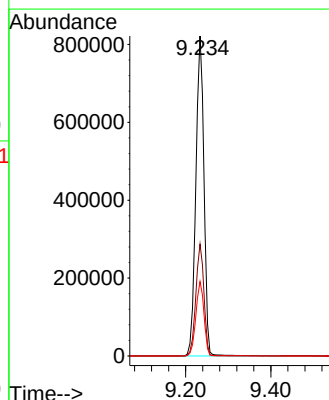
Tgt Ion:172 Resp: 1088434

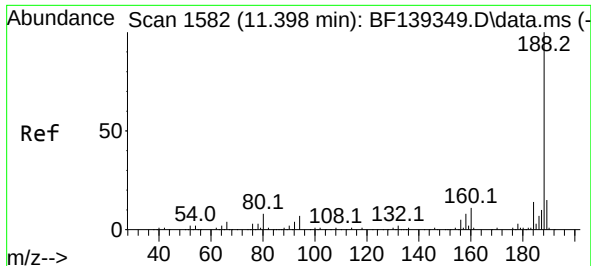
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.6

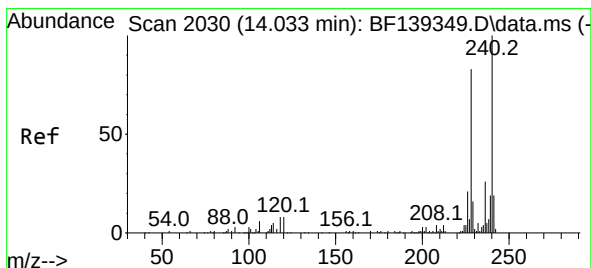
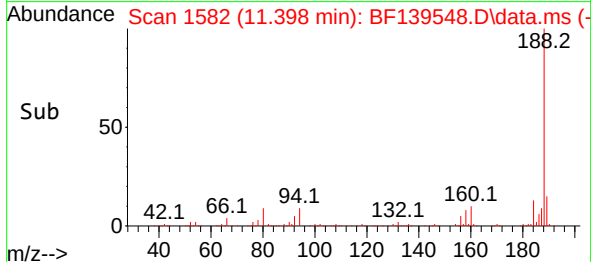
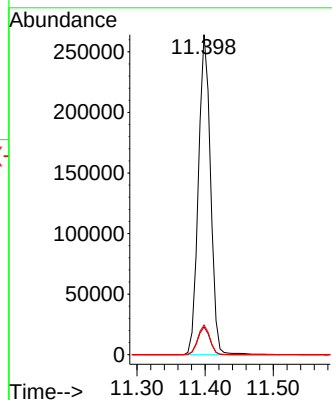
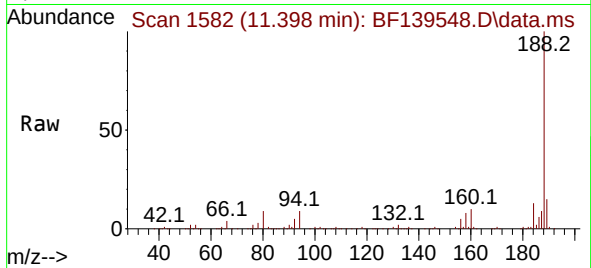




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BF139548.D  
Acq: 26 Sep 2024 15:31

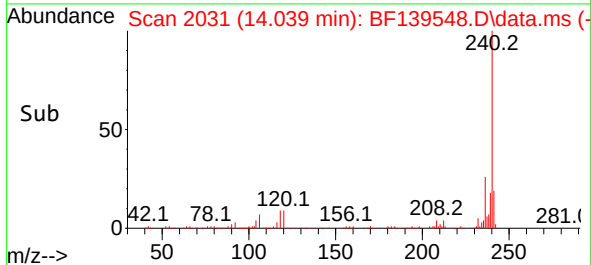
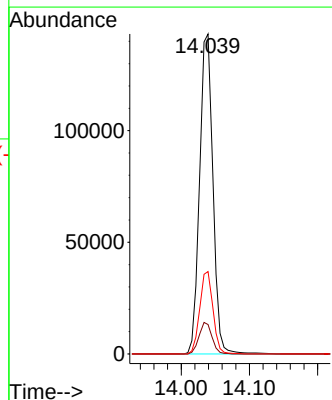
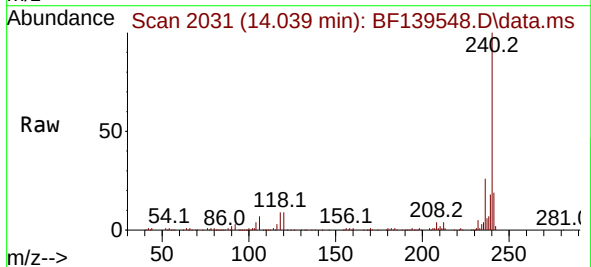
Instrument :  
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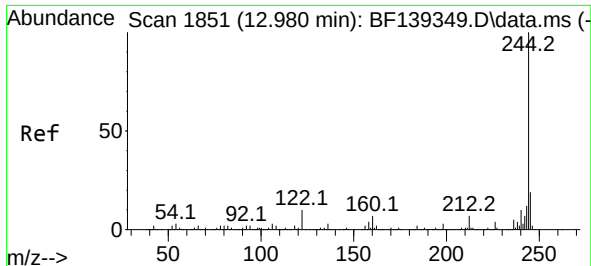
Tgt Ion:188 Resp: 326485  
Ion Ratio Lower Upper  
188 100  
94 8.7 5.5 8.3#  
80 9.3 6.6 9.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2031  
Delta R.T. 0.006 min  
Lab File: BF139548.D  
Acq: 26 Sep 2024 15:31

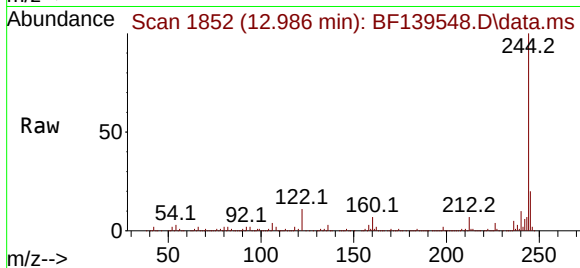
Tgt Ion:240 Resp: 194540  
Ion Ratio Lower Upper  
240 100  
120 9.2 6.2 9.2  
236 25.8 20.9 31.3





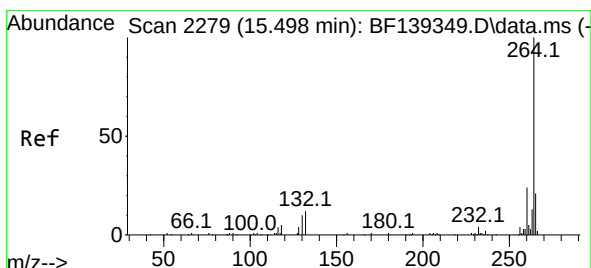
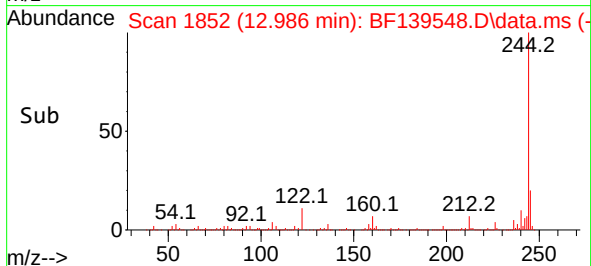
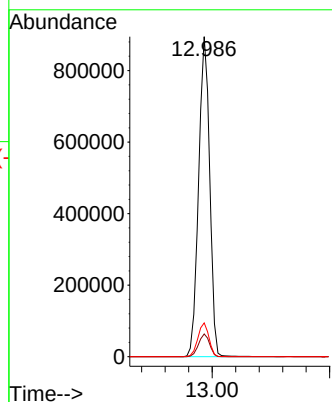
#79  
 Terphenyl-d14  
 Concen: 98.672 ng  
 RT: 12.986 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF139548.D  
 Acq: 26 Sep 2024 15:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1169473  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 6.0   | 9.0   |
| 122 | 10.6  | 7.6   | 11.4  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.510 min Scan# 2281  
 Delta R.T. 0.012 min  
 Lab File: BF139548.D  
 Acq: 26 Sep 2024 15:31

Tgt Ion:264 Resp: 150997  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.9  | 19.5  | 29.3  |
| 265 | 21.1  | 16.6  | 25.0  |

