

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021623\  
 Data File : BF132439.D  
 Acq On : 16 Feb 2023 18:11  
 Operator : CG\JU  
 Sample : 01539-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-7

Quant Time: Feb 17 04:44:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 17 03:08:40 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.031  | 152  | 195018   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.313  | 136  | 720076   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.078 | 164  | 353790   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.572 | 188  | 742285   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.230 | 240  | 527974   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 15.789 | 264  | 91430    | 20.000  | ng    | #-0.01   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.672  | 112  | 1646909  | 135.318 | ng    | 0.02     |
| 7) Phenol-d6                | 6.654  | 99   | 1986045  | 124.972 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.595  | 82   | 1532580  | 102.266 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.872 | 330  | 570689   | 161.672 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.395  | 172  | 2250636  | 98.241  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.171 | 244  | 2671516  | 92.152  | ng    | 0.00     |

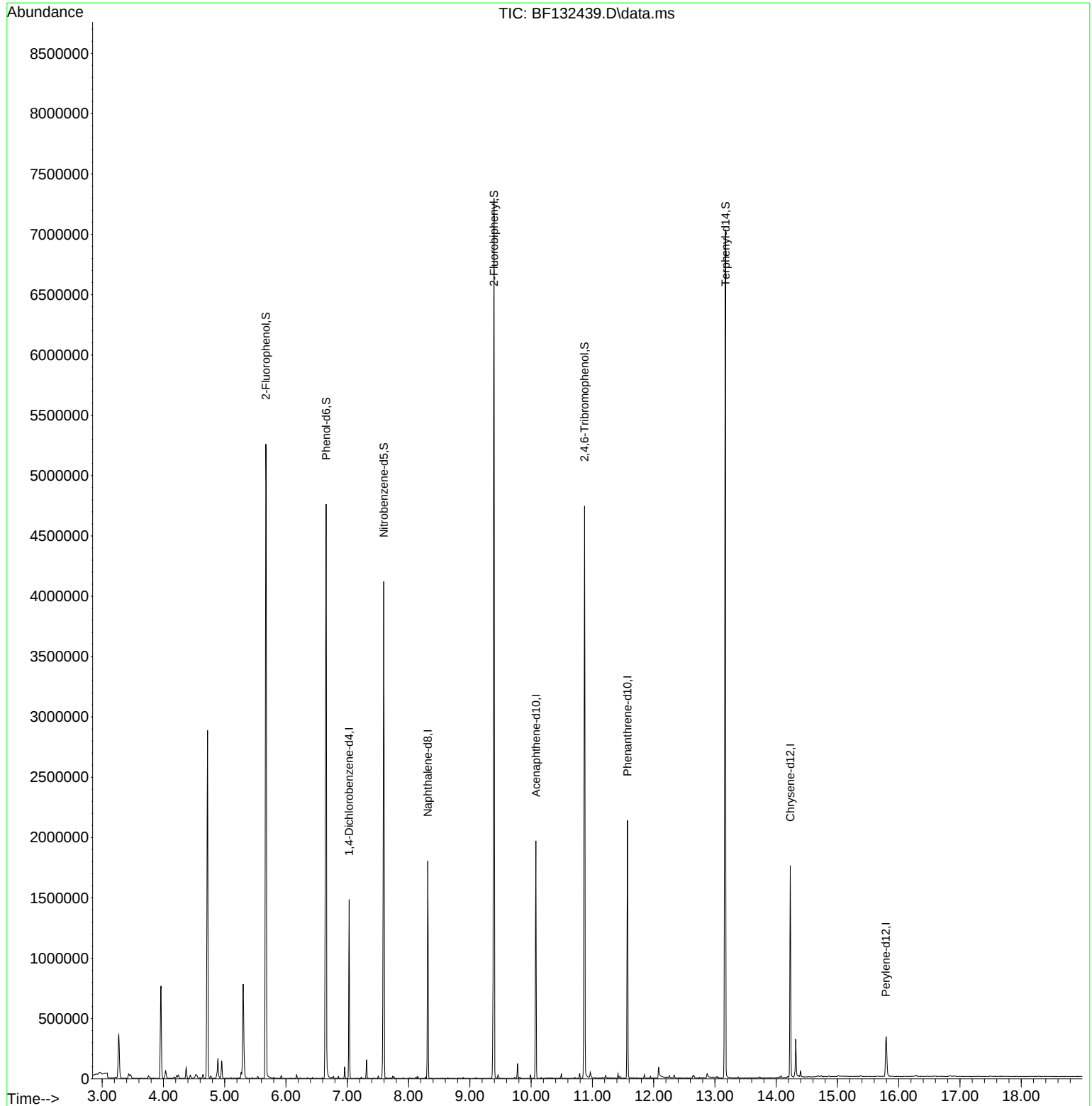
Target Compounds Qvalue

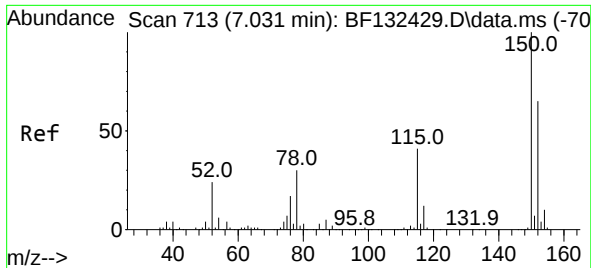
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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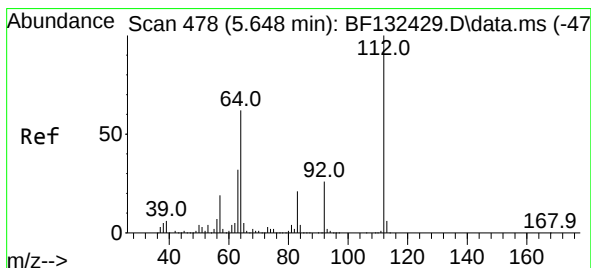
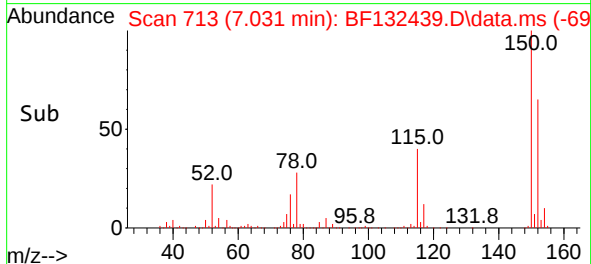
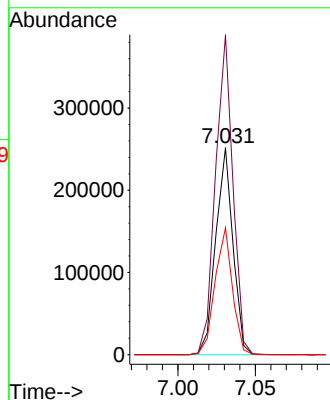
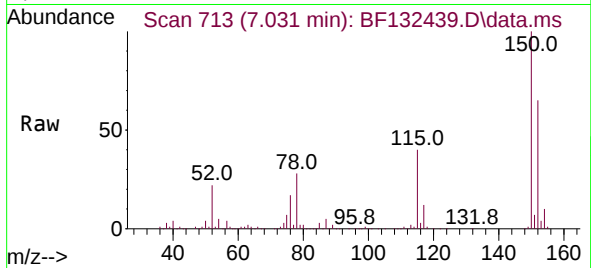




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.031 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: BF132439.D  
Acq: 16 Feb 2023 18:11

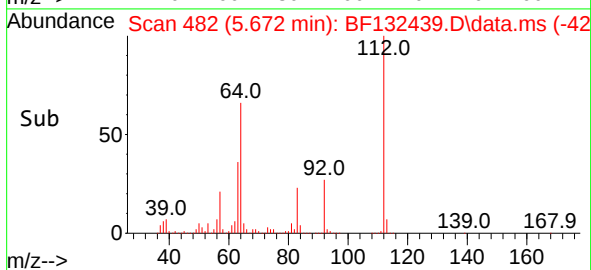
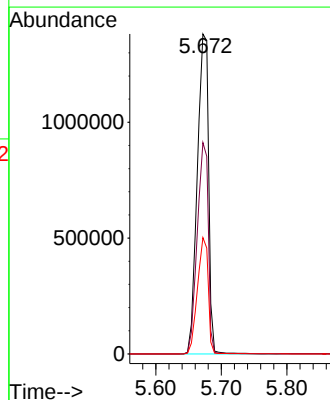
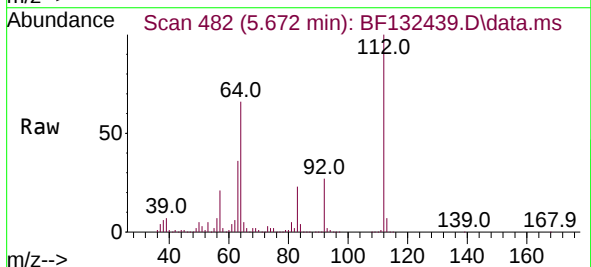
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-7

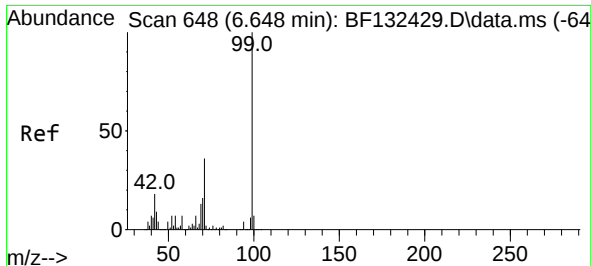
Tgt Ion:152 Resp: 195018  
Ion Ratio Lower Upper  
152 100  
150 154.6 123.8 185.8  
115 61.2 50.4 75.6



#5  
2-Fluorophenol  
Concen: 135.318 ng  
RT: 5.672 min Scan# 482  
Delta R.T. 0.024 min  
Lab File: BF132439.D  
Acq: 16 Feb 2023 18:11

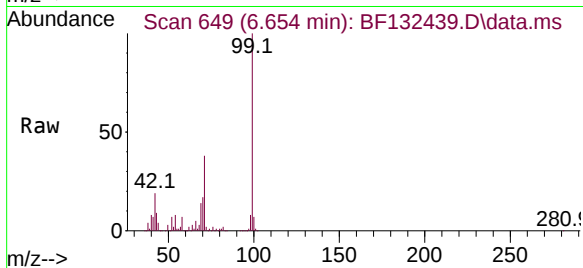
Tgt Ion:112 Resp: 1646909  
Ion Ratio Lower Upper  
112 100  
64 66.1 49.7 74.5  
63 36.3 25.8 38.8





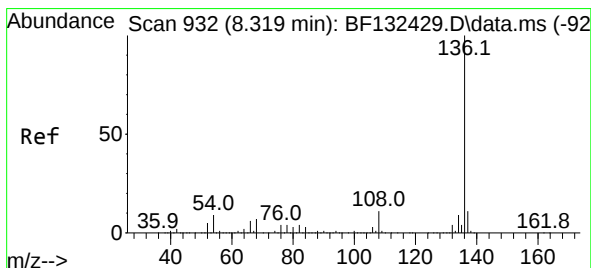
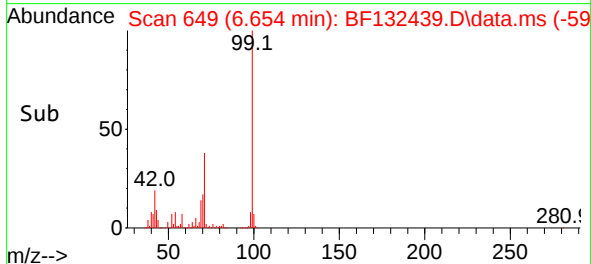
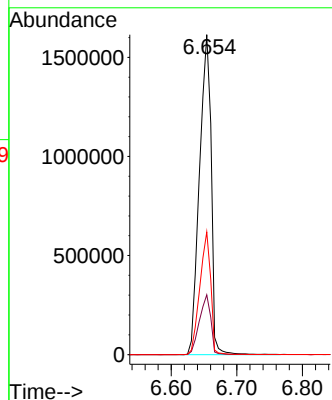
#7  
Phenol-d6  
Concen: 124.972 ng  
RT: 6.654 min Scan# 648  
Delta R.T. 0.006 min  
Lab File: BF132439.D  
Acq: 16 Feb 2023 18:11

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-7



Tgt Ion: 99 Resp: 1986045

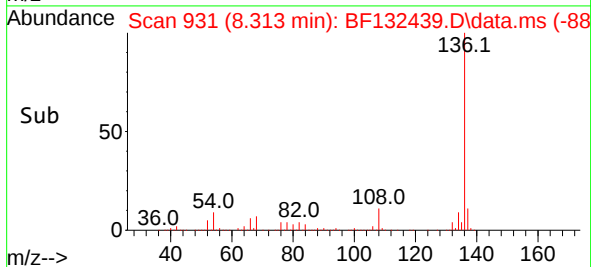
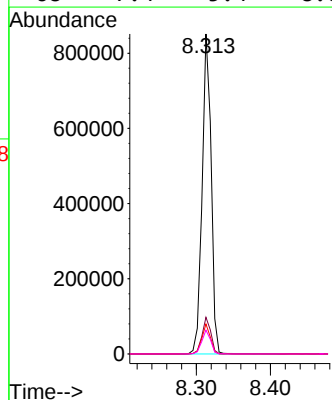
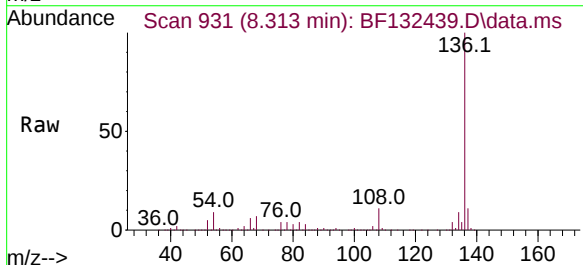
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.7  | 14.6  | 21.8  |
| 71  | 38.3  | 28.7  | 43.1  |

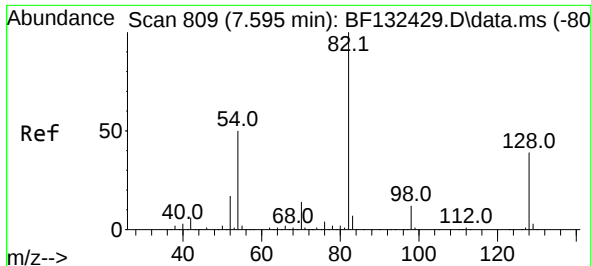


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.313 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: BF132439.D  
Acq: 16 Feb 2023 18:11

Tgt Ion: 136 Resp: 720076

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 8.8   | 13.2  |
| 54  | 9.3   | 6.9   | 10.3  |
| 68  | 7.4   | 5.4   | 8.0   |





#23

Nitrobenzene-d5

Concen: 102.266 ng

RT: 7.595 min Scan# 809

Delta R.T. -0.000 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

Instrument :

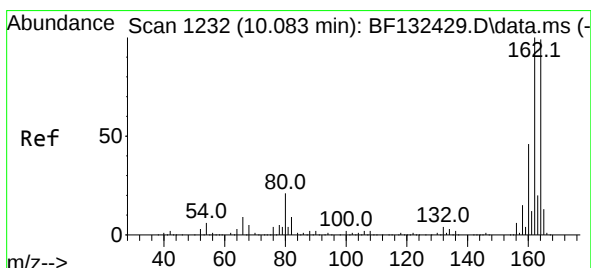
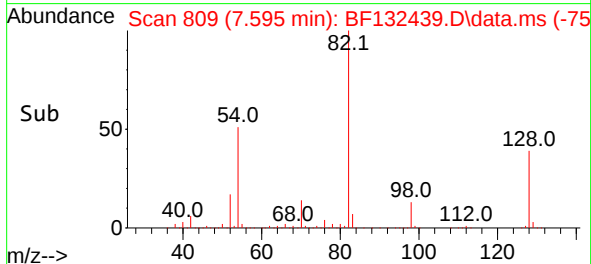
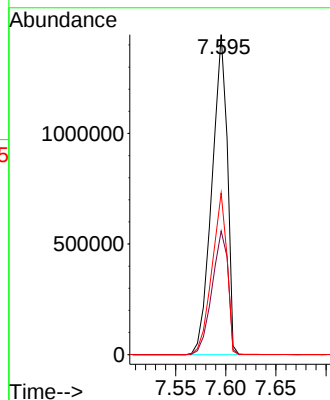
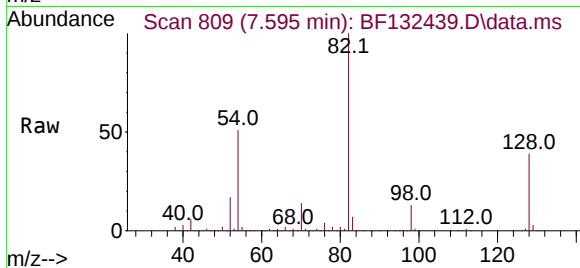
BNA\_F

ClientSampleId :

COMP-7

Tgt Ion: 82 Resp: 1532580

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.6  | 30.8  | 46.2  |
| 54  | 50.5  | 40.2  | 60.4  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.078 min Scan# 1231

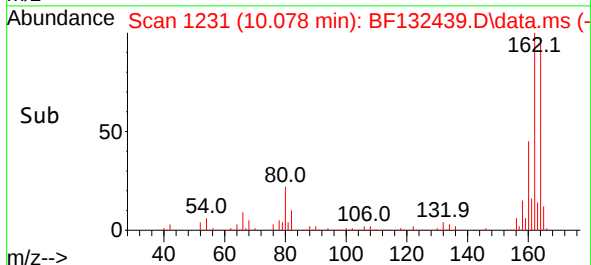
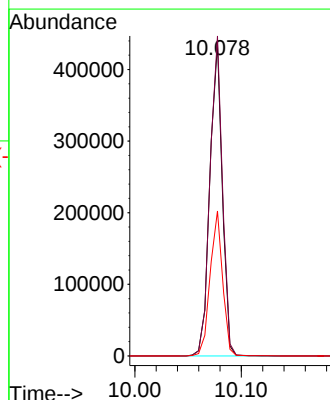
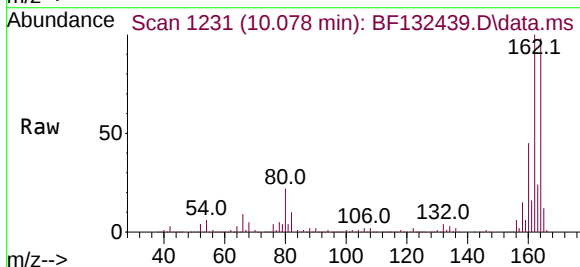
Delta R.T. -0.006 min

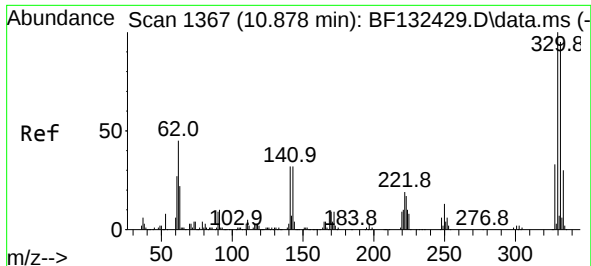
Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

Tgt Ion:164 Resp: 353790

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.5 | 80.8  | 121.2 |
| 160 | 46.4  | 37.2  | 55.8  |





#42

2,4,6-Tribromophenol

Concen: 161.672 ng

RT: 10.872 min Scan# 1367

Delta R.T. -0.006 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

Instrument :

BNA\_F

ClientSampleId :

COMP-7

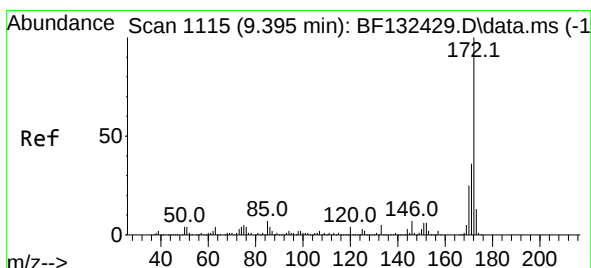
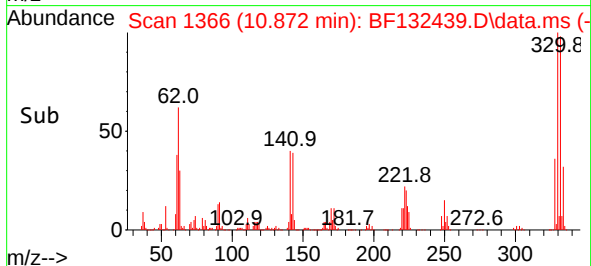
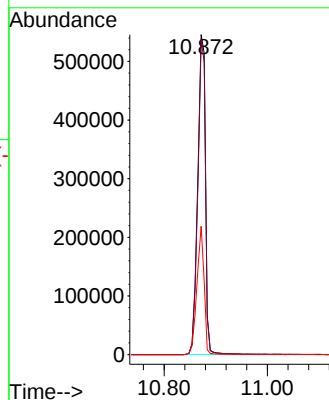
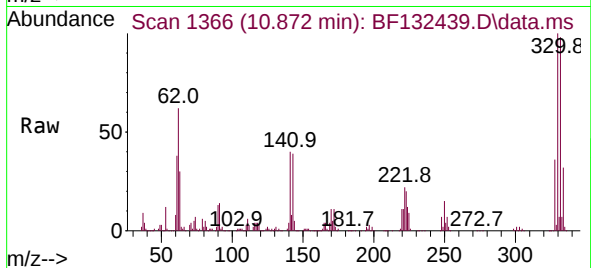
Tgt Ion:330 Resp: 570689

Ion Ratio Lower Upper

330 100

332 96.6 76.3 114.5

141 37.0 30.3 45.5



#45

2-Fluorobiphenyl

Concen: 98.241 ng

RT: 9.395 min Scan# 1115

Delta R.T. 0.000 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

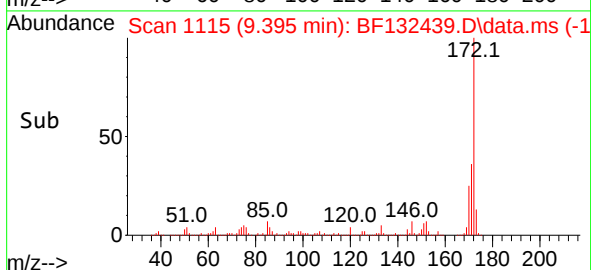
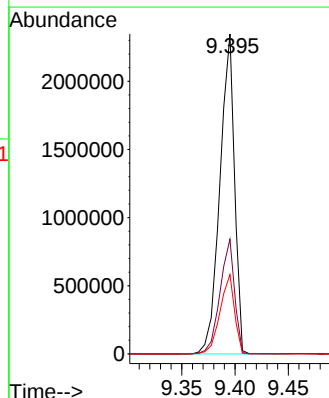
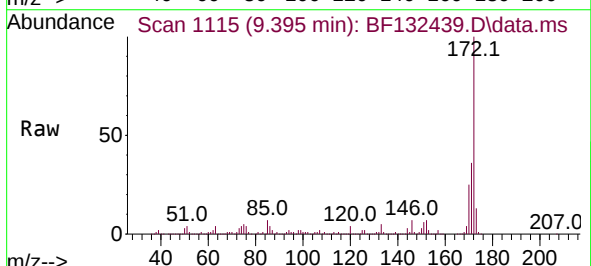
Tgt Ion:172 Resp: 2250636

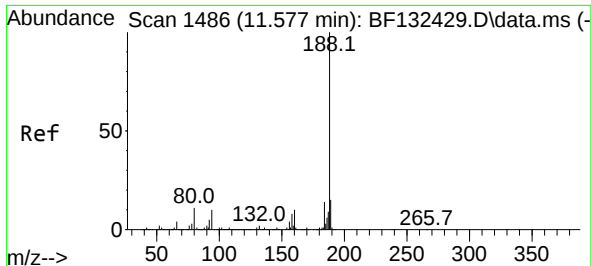
Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 24.8 19.9 29.9

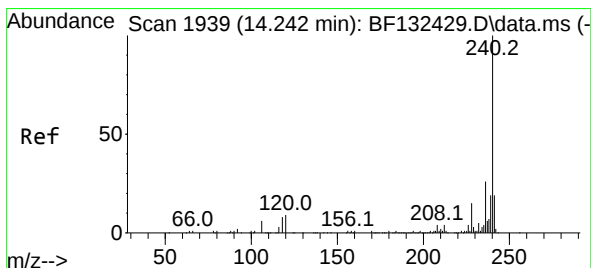
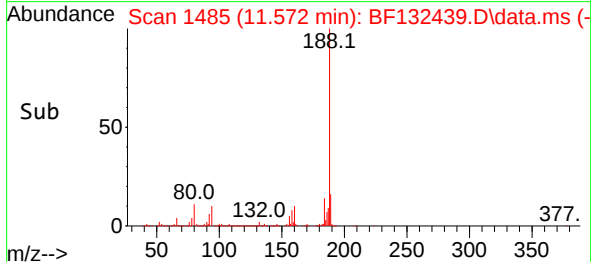
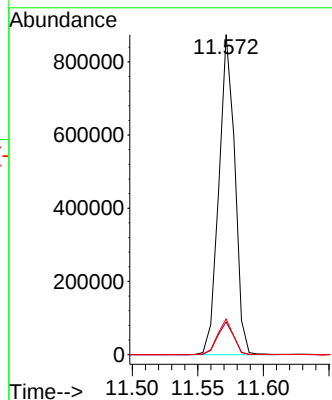
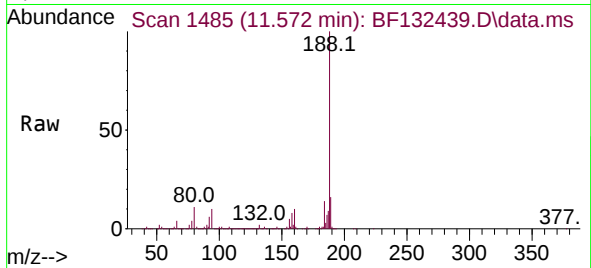




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.572 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: BF132439.D  
Acq: 16 Feb 2023 18:11

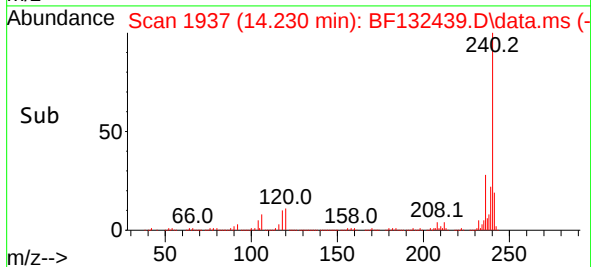
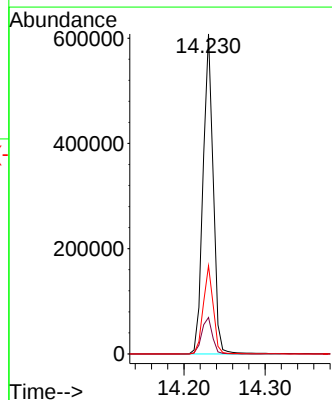
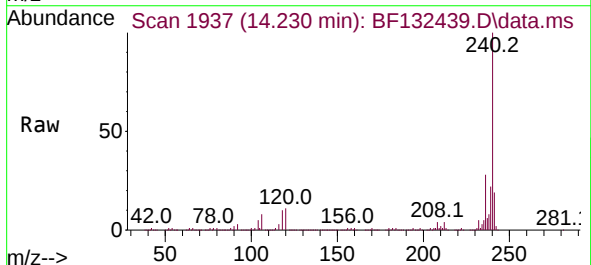
Instrument :  
BNA\_F  
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COMP-7

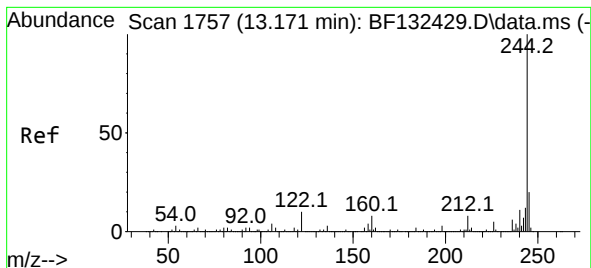
Tgt Ion:188 Resp: 742285  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.0 12.0  
80 11.1 8.6 12.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.230 min Scan# 1937  
Delta R.T. -0.012 min  
Lab File: BF132439.D  
Acq: 16 Feb 2023 18:11

Tgt Ion:240 Resp: 527974  
Ion Ratio Lower Upper  
240 100  
120 11.4 7.5 11.3#  
236 27.5 21.0 31.6





#79

Terphenyl-d14

Concen: 92.152 ng

RT: 13.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132439.D

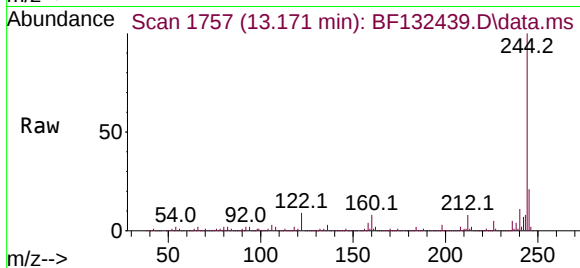
Acq: 16 Feb 2023 18:11

Instrument :

BNA\_F

ClientSampleId :

COMP-7



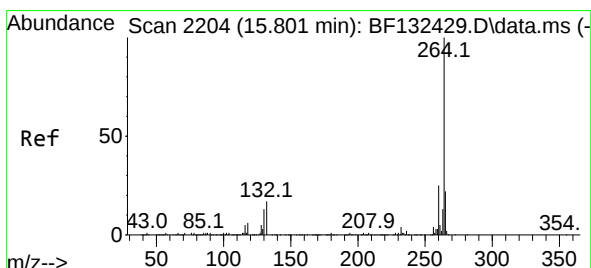
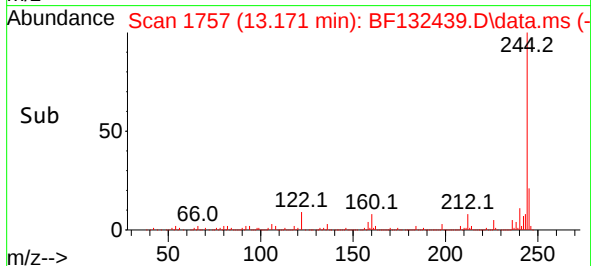
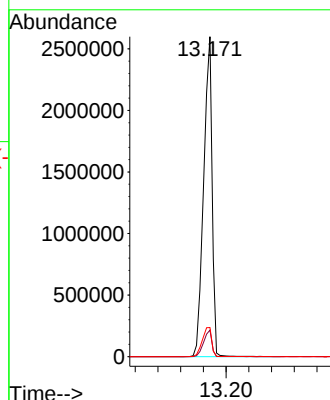
Tgt Ion:244 Resp: 2671516

Ion Ratio Lower Upper

244 100

212 8.3 6.7 10.1

122 9.1 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.789 min Scan# 2202

Delta R.T. -0.012 min

Lab File: BF132439.D

Acq: 16 Feb 2023 18:11

Tgt Ion:264 Resp: 91430

Ion Ratio Lower Upper

264 100

260 33.7 20.0 30.0#

265 19.0 17.2 25.8

