

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062124\  
 Data File : BF138281.D  
 Acq On : 21 Jun 2024 12:54  
 Operator : CG\JU  
 Sample : P2976-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-K-COMP

Quant Time: Jun 21 13:17:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 01:52:47 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.881  | 152  | 265031   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.163  | 136  | 1009276  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.916  | 164  | 526400   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.404 | 188  | 778741   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.039 | 240  | 496395   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.510 | 264  | 531446   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 1712982  | 108.120 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 2082991  | 103.683 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 1281721  | 73.931  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 518461   | 98.935  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 2397781  | 72.432  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.986 | 244  | 2054497  | 65.552  | ng    | -0.01    |

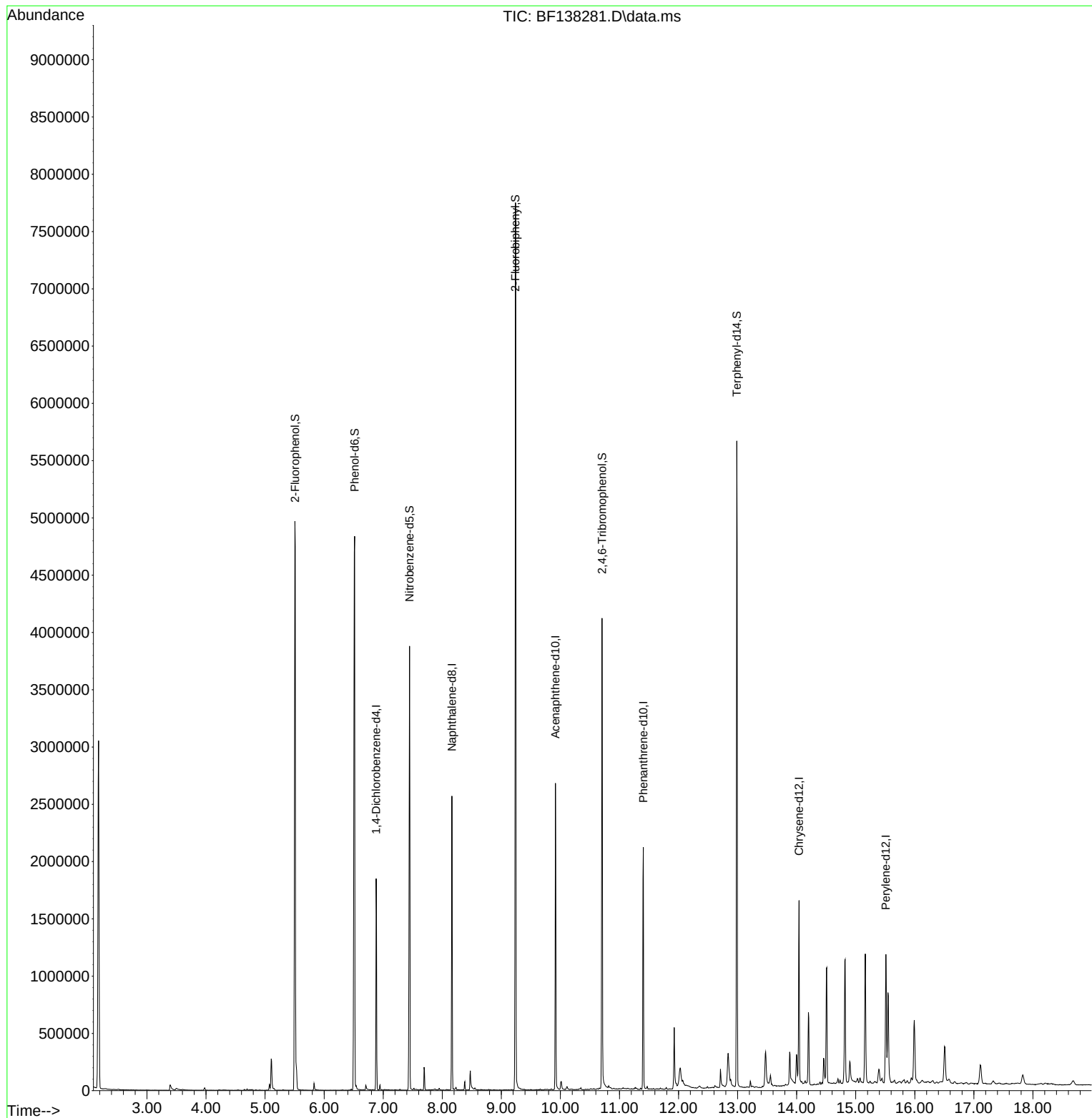
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

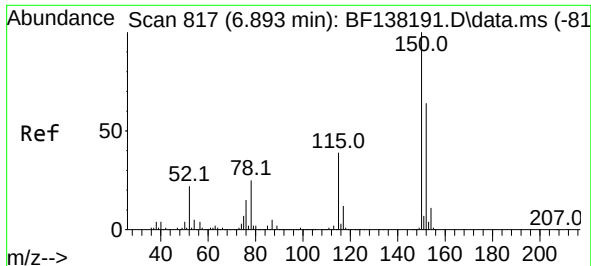
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 13 01:52:47 2024  
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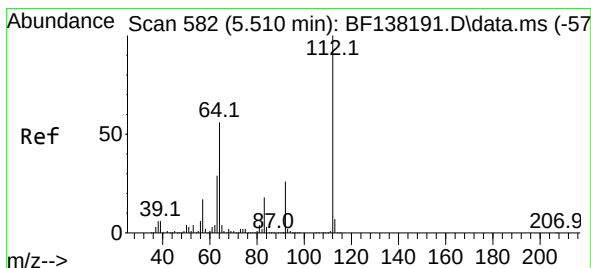
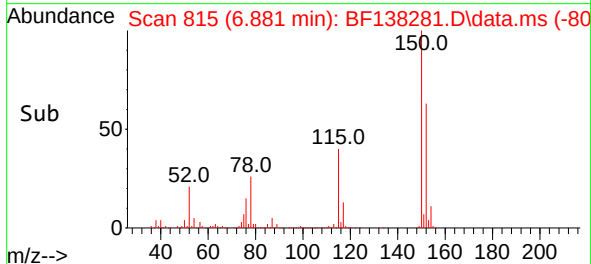
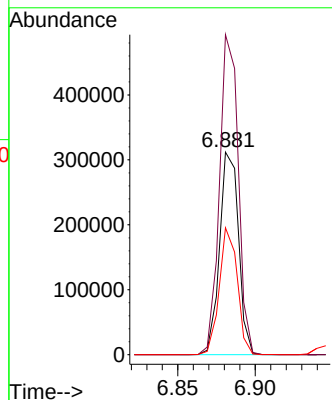
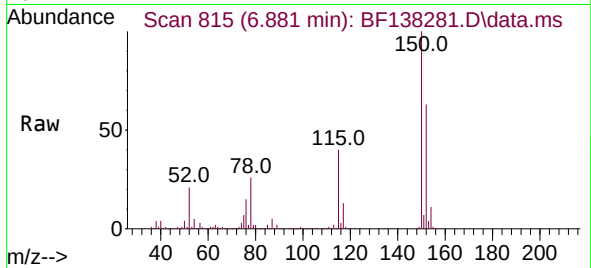




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.881 min Scan# 815  
Delta R.T. -0.012 min  
Lab File: BF138281.D  
Acq: 21 Jun 2024 12:54

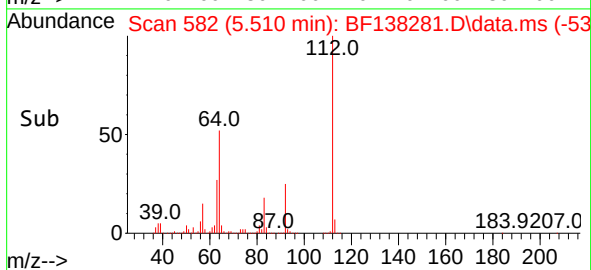
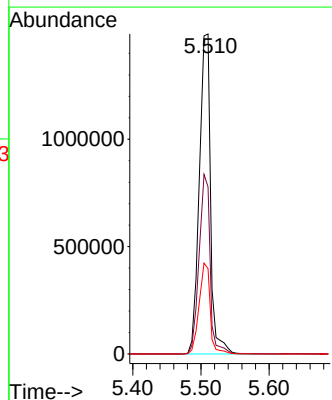
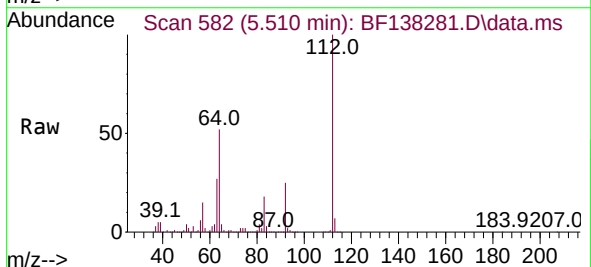
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMP

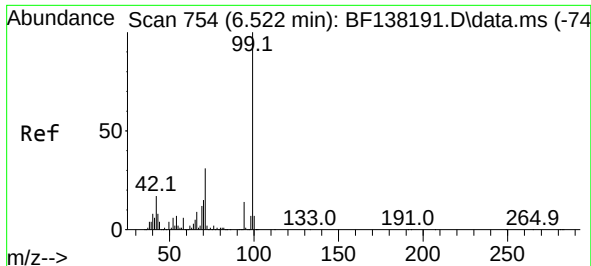
Tgt Ion:152 Resp: 265031  
Ion Ratio Lower Upper  
152 100  
150 157.9 125.0 187.4  
115 62.6 48.4 72.6



#5  
2-Fluorophenol  
Concen: 108.120 ng  
RT: 5.510 min Scan# 582  
Delta R.T. -0.000 min  
Lab File: BF138281.D  
Acq: 21 Jun 2024 12:54

Tgt Ion:112 Resp: 1712982  
Ion Ratio Lower Upper  
112 100  
64 52.2 45.2 67.8  
63 26.7 22.9 34.3

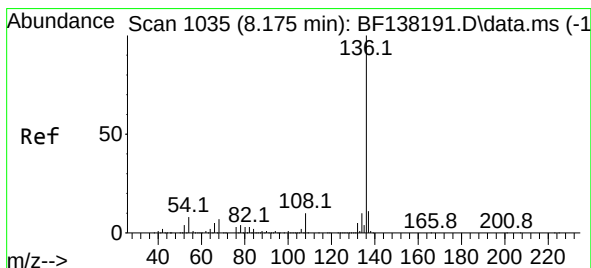
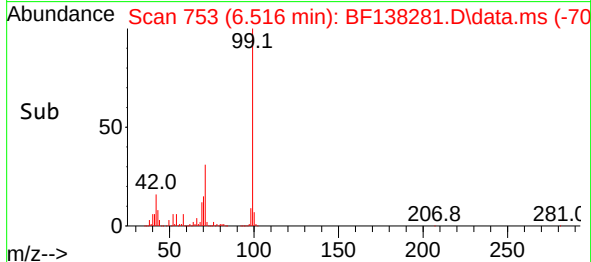
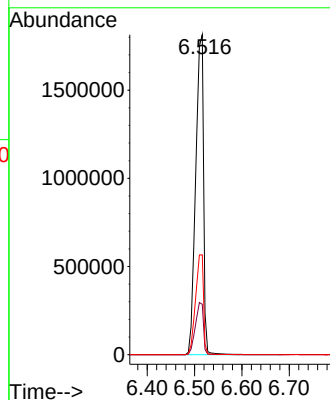
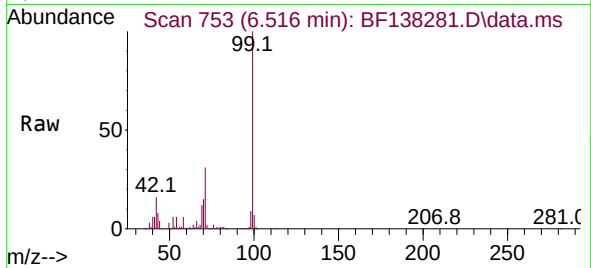




#7  
Phenol-d6  
Concen: 103.683 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF138281.D  
Acq: 21 Jun 2024 12:54

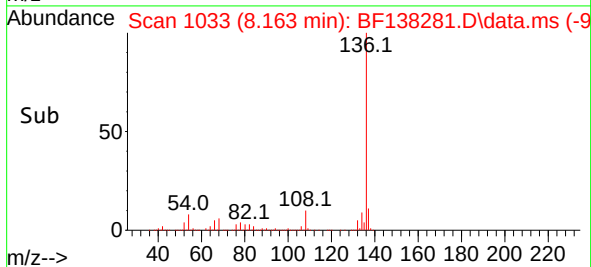
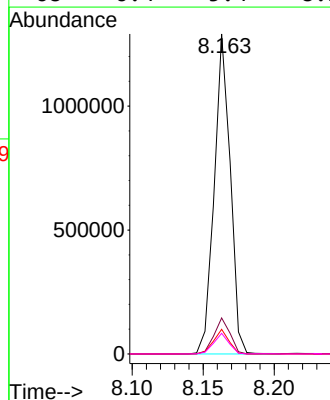
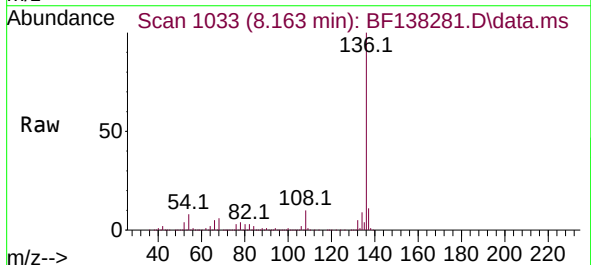
Instrument :  
BNA\_F  
ClientSampleId :  
MH-K-COMP

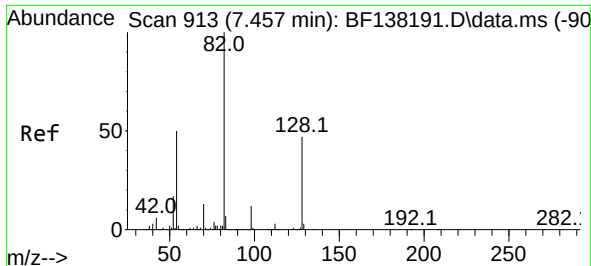
Tgt Ion: 99 Resp: 2082991  
Ion Ratio Lower Upper  
99 100  
42 15.8 13.7 20.5  
71 31.2 25.0 37.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. -0.012 min  
Lab File: BF138281.D  
Acq: 21 Jun 2024 12:54

Tgt Ion: 136 Resp: 1009276  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 7.7 6.6 10.0  
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 73.931 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138281.D

Acq: 21 Jun 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMP

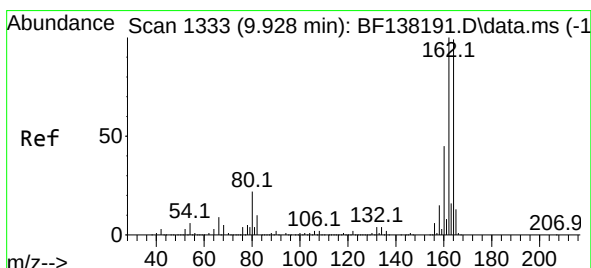
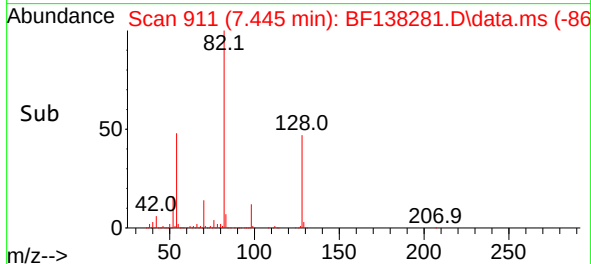
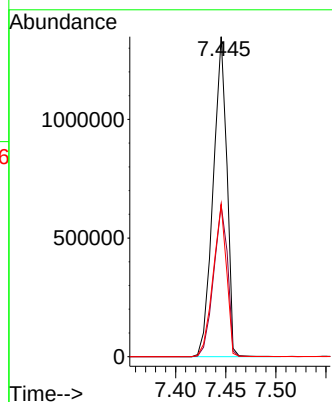
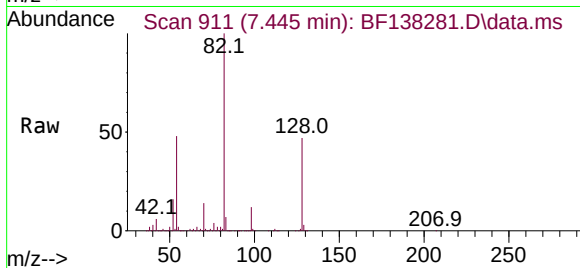
Tgt Ion: 82 Resp: 1281721

Ion Ratio Lower Upper

82 100

128 47.4 37.2 55.8

54 47.6 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.012 min

Lab File: BF138281.D

Acq: 21 Jun 2024 12:54

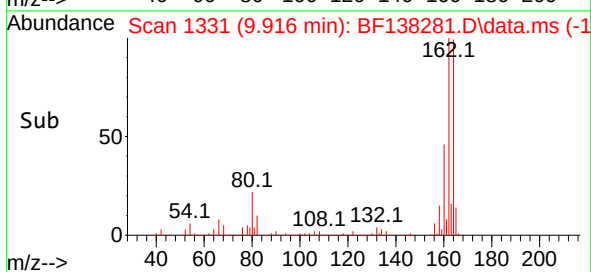
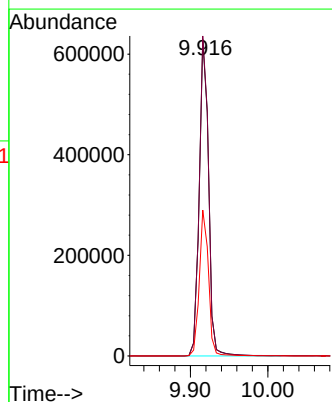
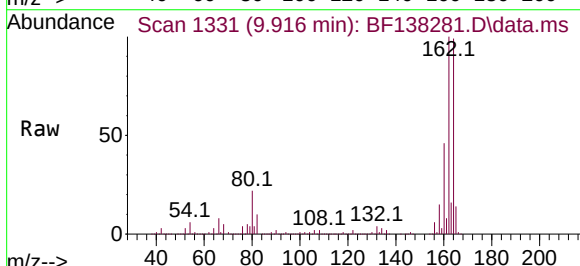
Tgt Ion: 164 Resp: 526400

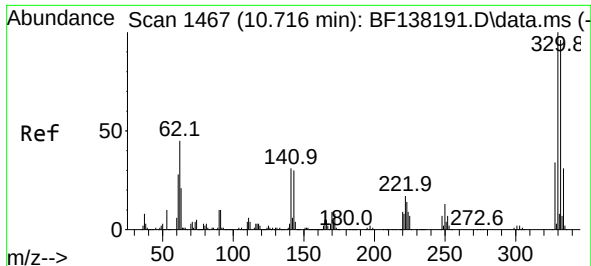
Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

160 46.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 98.935 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138281.D

Acq: 21 Jun 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMP

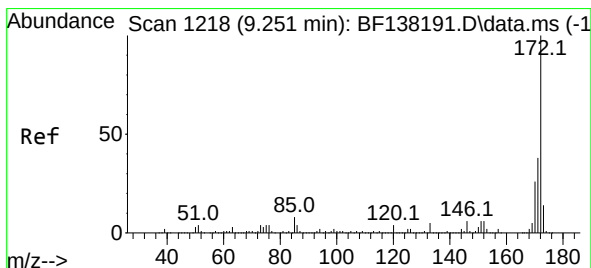
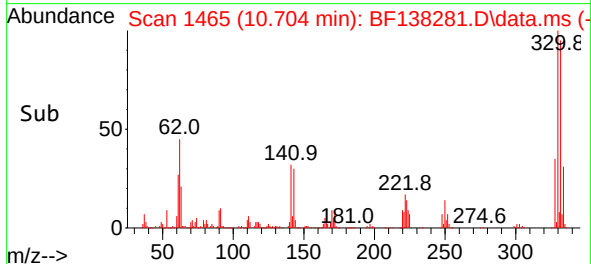
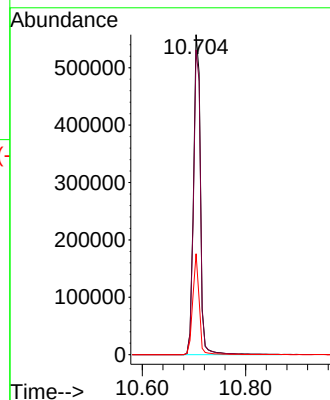
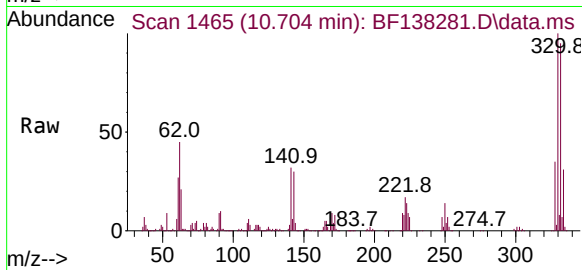
Tgt Ion:330 Resp: 518461

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

141 29.3 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 72.432 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138281.D

Acq: 21 Jun 2024 12:54

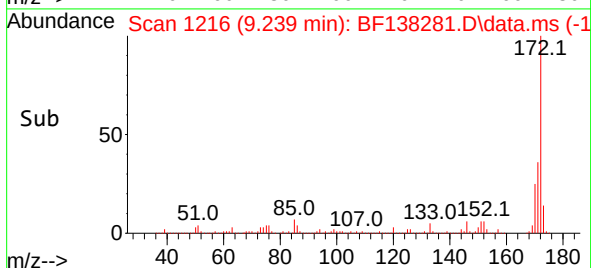
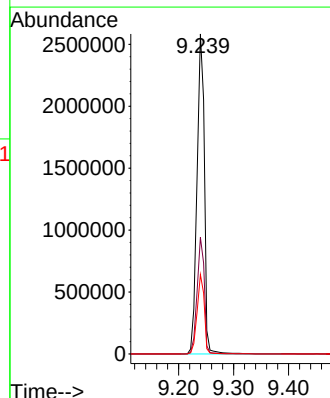
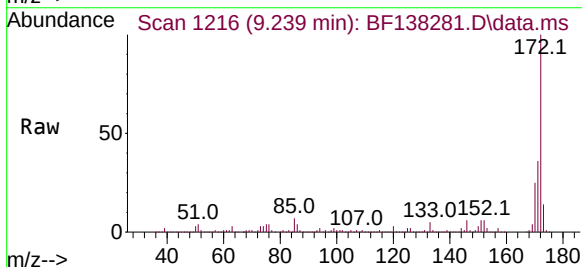
Tgt Ion:172 Resp: 2397781

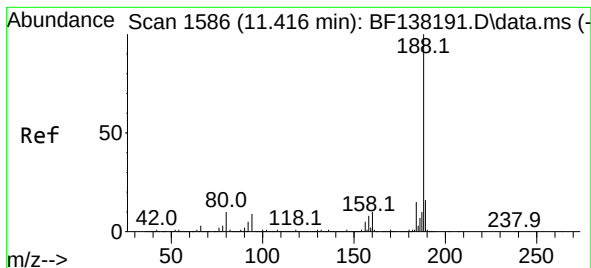
Ion Ratio Lower Upper

172 100

171 36.5 30.3 45.5

170 24.8 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138281.D

Acq: 21 Jun 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMP

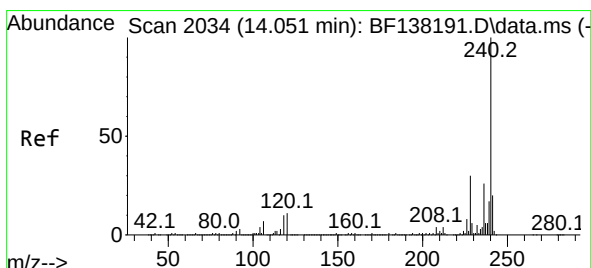
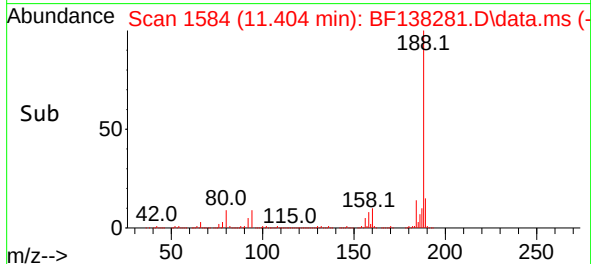
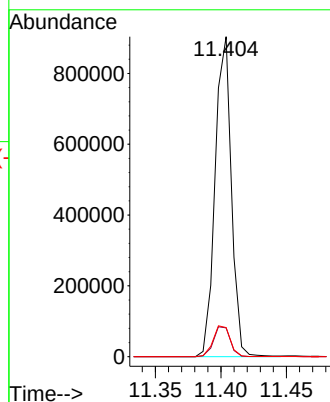
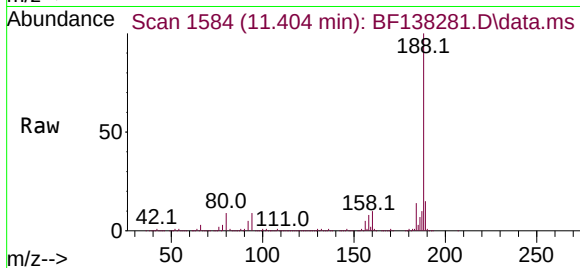
Tgt Ion:188 Resp: 778741

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.1 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF138281.D

Acq: 21 Jun 2024 12:54

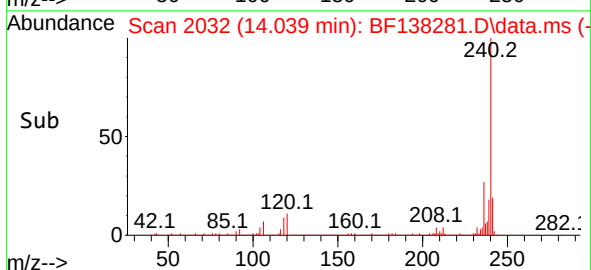
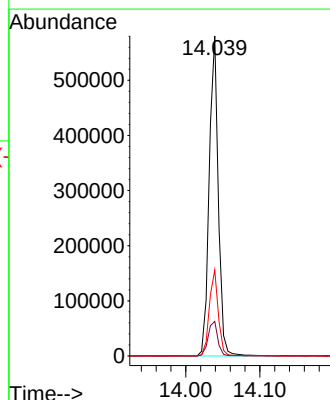
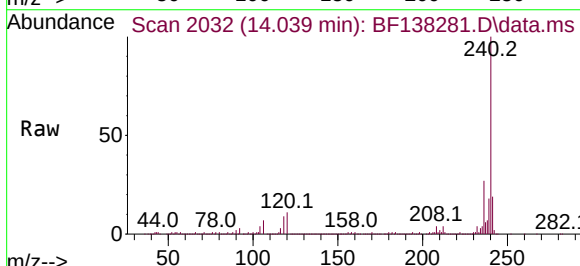
Tgt Ion:240 Resp: 496395

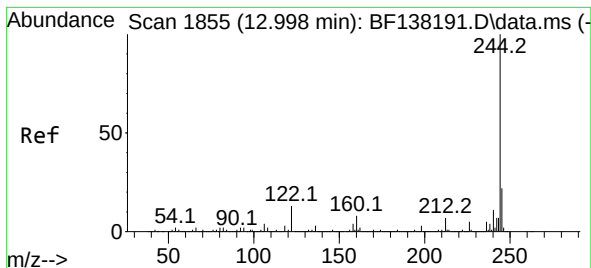
Ion Ratio Lower Upper

240 100

120 10.8 9.2 13.8

236 26.8 21.0 31.6





#79

Terphenyl-d14

Concen: 65.552 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138281.D

Acq: 21 Jun 2024 12:54

Instrument :

BNA\_F

ClientSampleId :

MH-K-COMP

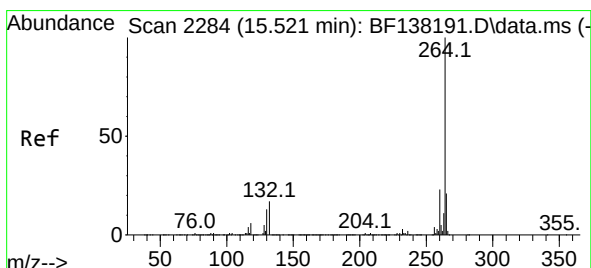
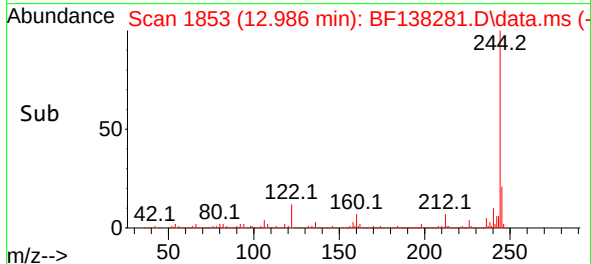
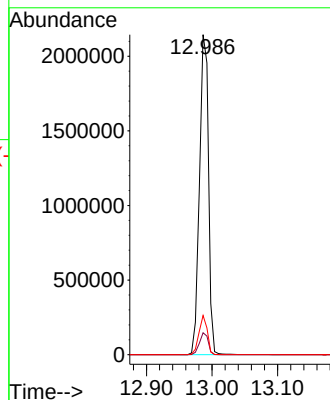
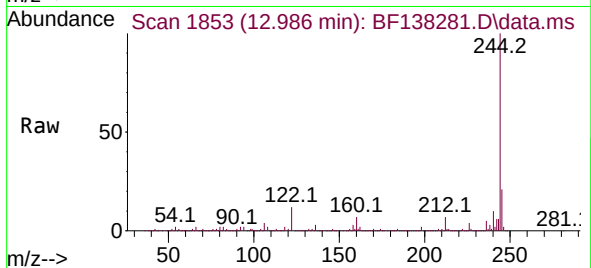
Tgt Ion:244 Resp: 2054497

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 12.2 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF138281.D

Acq: 21 Jun 2024 12:54

Tgt Ion:264 Resp: 531446

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 17.0 25.6

