

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020425\  
 Data File : BF141415.D  
 Acq On : 04 Feb 2025 18:15  
 Operator : RC/JU  
 Sample : Q1241-08  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 JPP-5.3-013025

Quant Time: Feb 05 00:32:40 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 29 17:41:25 2025  
 Response via : Initial Calibration

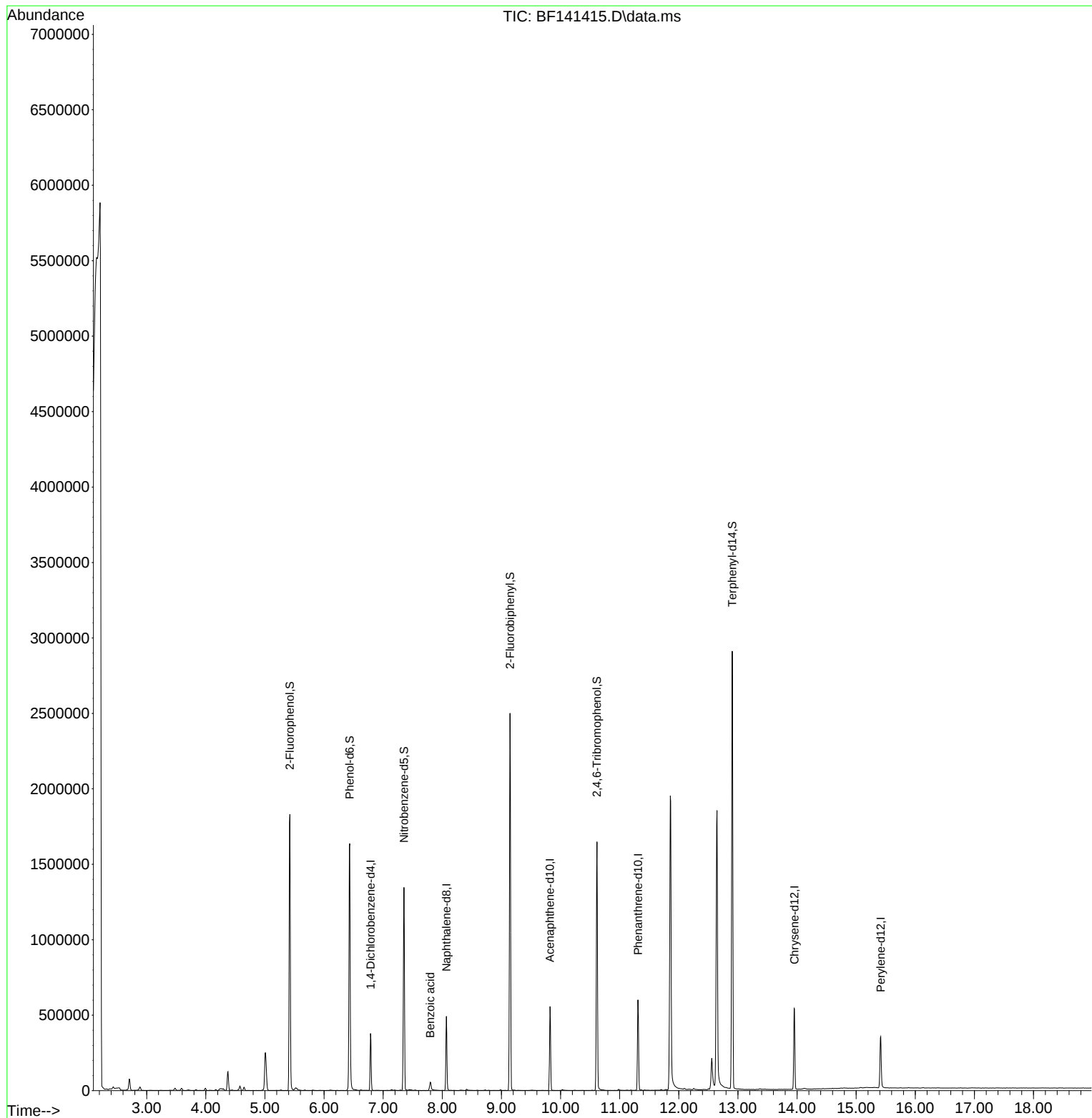
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.787  | 152  | 73941    | 20.000  | ng    | -0.02     |
| 21) Naphthalene-d8          | 8.069  | 136  | 297316   | 20.000  | ng    | -0.02     |
| 39) Acenaphthene-d10        | 9.822  | 164  | 163635   | 20.000  | ng    | -0.02     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 296531   | 20.000  | ng    | -0.02     |
| 76) Chrysene-d12            | 13.957 | 240  | 268605   | 20.000  | ng    | #-0.02    |
| 86) Perylene-d12            | 15.416 | 264  | 202288   | 20.000  | ng    | -0.02     |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.422  | 112  | 675810   | 140.315 | ng    | 0.01      |
| 7) Phenol-d6                | 6.434  | 99   | 774695   | 126.439 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 582060   | 103.204 | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 267359   | 178.221 | ng    | -0.02     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 1094420  | 102.944 | ng    | -0.02     |
| 79) Terphenyl-d14           | 12.904 | 244  | 1448018  | 83.137  | ng    | -0.01     |
| Target Compounds            |        |      |          |         |       |           |
| 32) Benzoic acid            | 7.798  | 122  | 19779    | 6.132   | ng    | Qvalue 99 |
| -----                       |        |      |          |         |       |           |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020425\  
Data File : BF141415.D  
Acq On : 04 Feb 2025 18:15  
Operator : RC/JU  
Sample : Q1241-08  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
JPP-5.3-013025

Quant Time: Feb 05 00:32:40 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF012925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jan 29 17:41:25 2025  
Response via : Initial Calibration

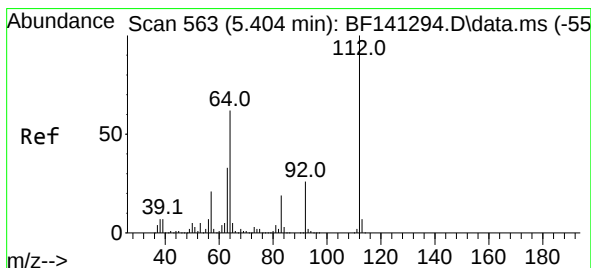
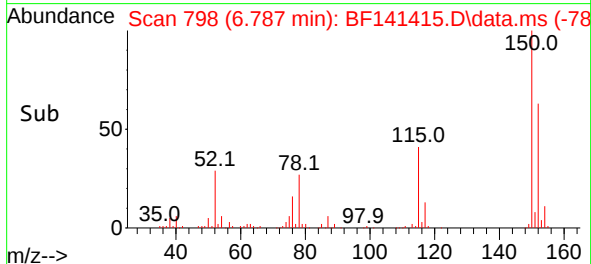
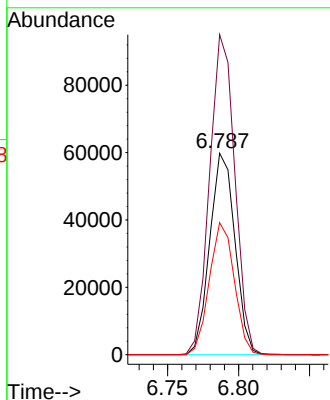
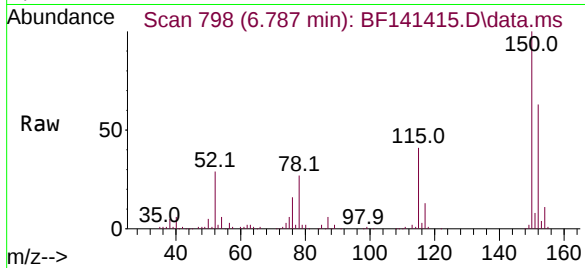




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.787 min Scan# 79  
 Delta R.T. -0.017 min  
 Lab File: BF141415.D  
 Acq: 04 Feb 2025 18:15

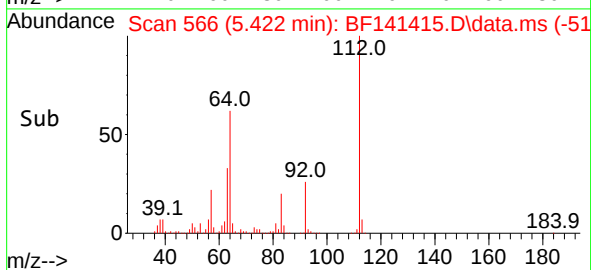
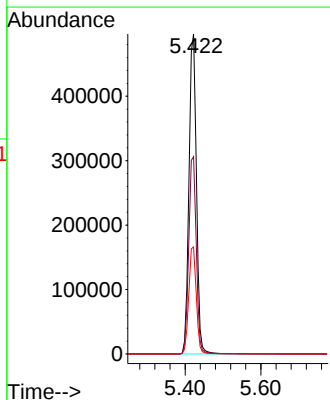
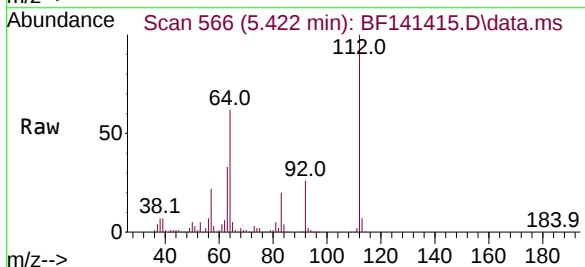
Instrument :  
 BNA\_F  
 ClientSampleId :  
 JPP-5.3-013025

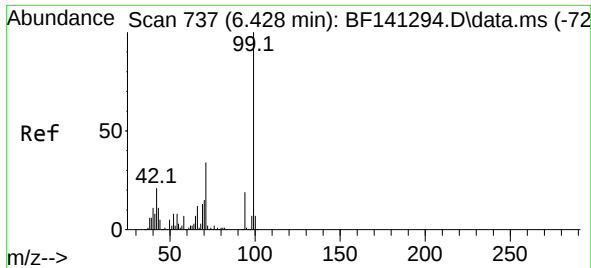
Tgt Ion:152 Resp: 73941  
 Ion Ratio Lower Upper  
 152 100  
 150 158.8 125.9 188.9  
 115 65.5 49.7 74.5



#5  
 2-Fluorophenol  
 Concen: 140.315 ng  
 RT: 5.422 min Scan# 566  
 Delta R.T. 0.012 min  
 Lab File: BF141415.D  
 Acq: 04 Feb 2025 18:15

Tgt Ion:112 Resp: 675810  
 Ion Ratio Lower Upper  
 112 100  
 64 61.6 49.8 74.8  
 63 33.5 26.1 39.1

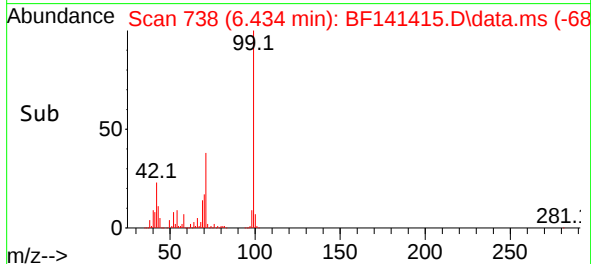
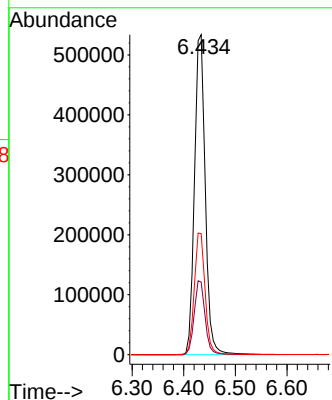
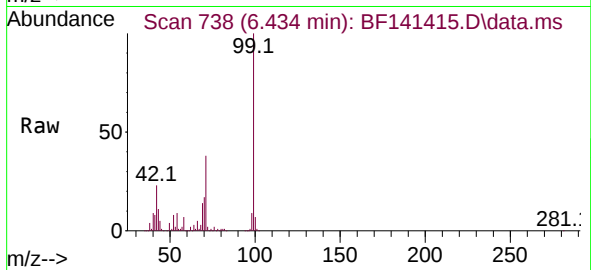




#7  
Phenol-d6  
Concen: 126.439 ng  
RT: 6.434 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF141415.D  
Acq: 04 Feb 2025 18:15

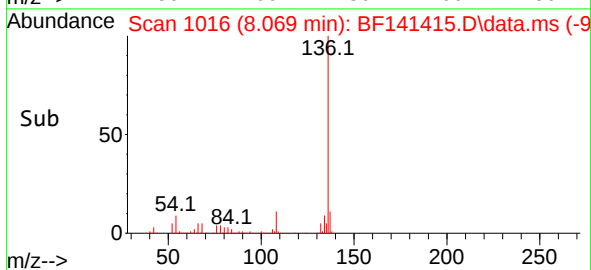
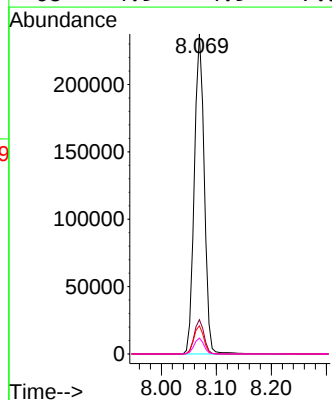
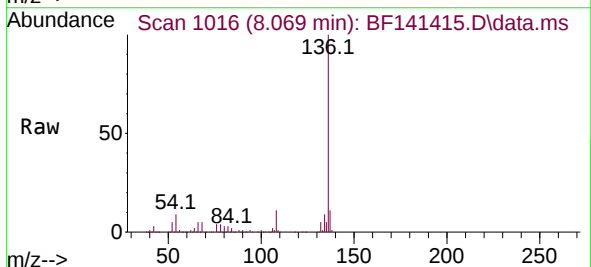
Instrument :  
BNA\_F  
ClientSampleId :  
JPP-5.3-013025

Tgt Ion: 99 Resp: 774695  
Ion Ratio Lower Upper  
99 100  
42 22.7 17.1 25.7  
71 37.9 26.9 40.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1016  
Delta R.T. -0.018 min  
Lab File: BF141415.D  
Acq: 04 Feb 2025 18:15

Tgt Ion: 136 Resp: 297316  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.8 7.8 11.8  
68 4.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 103.204 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

Instrument :

BNA\_F

ClientSampleId :

JPP-5.3-013025

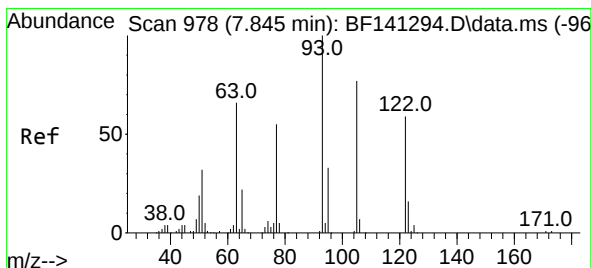
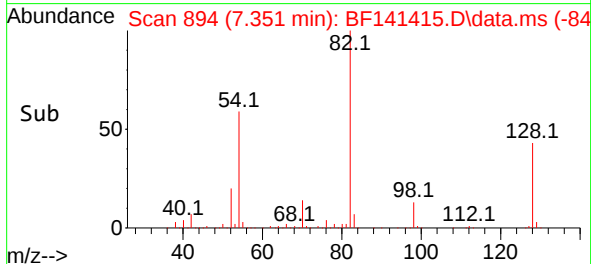
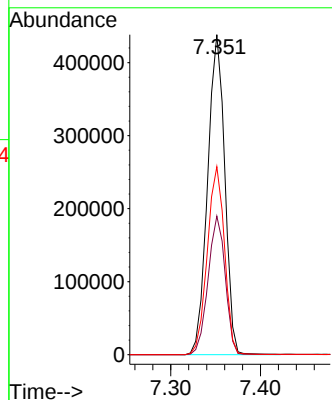
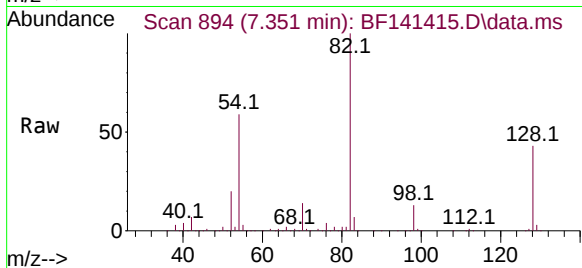
Tgt Ion: 82 Resp: 582060

Ion Ratio Lower Upper

82 100

128 43.3 35.7 53.5

54 58.8 47.1 70.7



#32

Benzoic acid

Concen: 6.132 ng

RT: 7.798 min Scan# 970

Delta R.T. -0.082 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

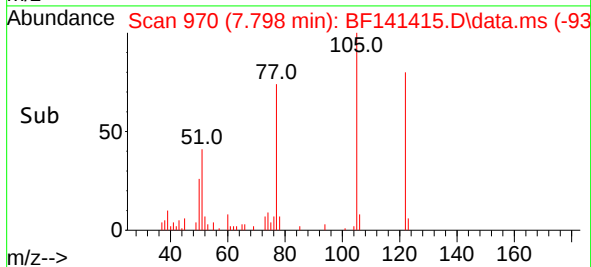
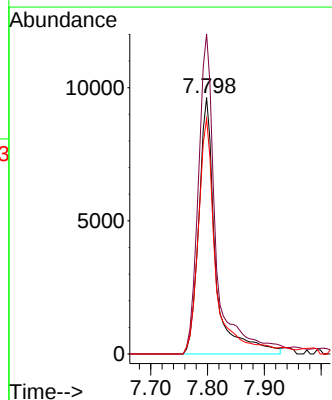
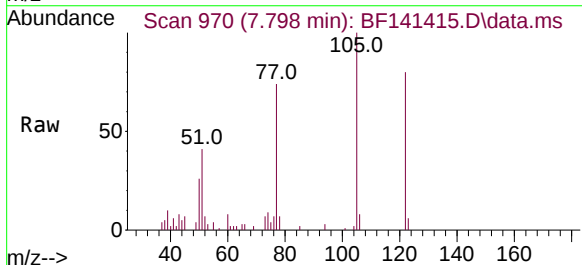
Tgt Ion:122 Resp: 19779

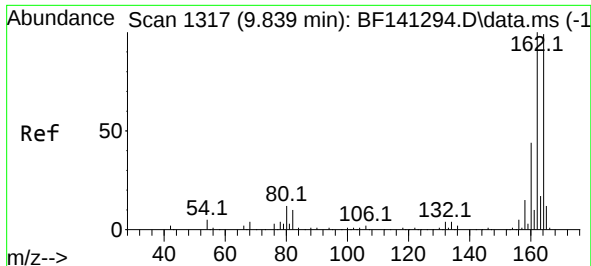
Ion Ratio Lower Upper

122 100

105 124.8 103.4 143.4

77 91.8 70.9 110.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

Instrument :

BNA\_F

ClientSampleId :

JPP-5.3-013025

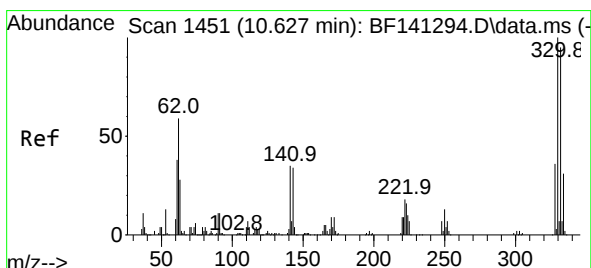
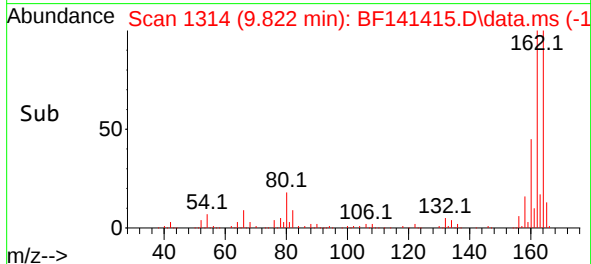
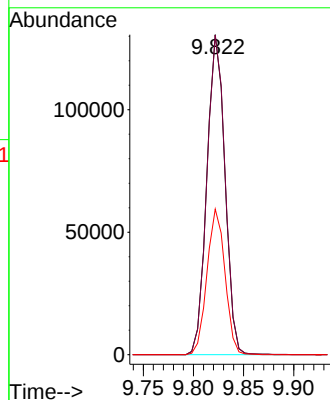
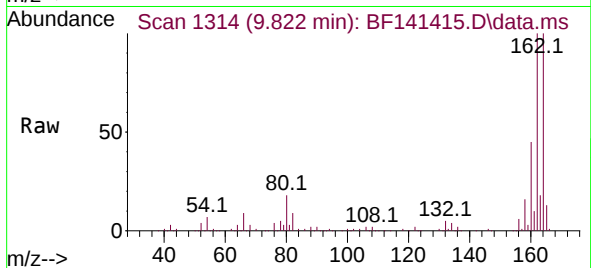
Tgt Ion:164 Resp: 163635

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

160 45.5 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 178.221 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

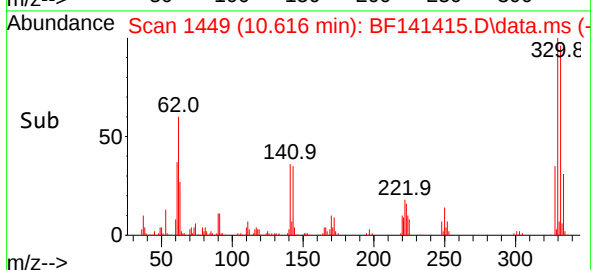
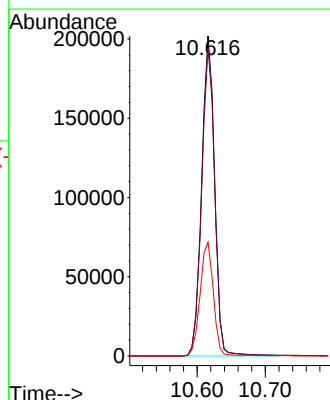
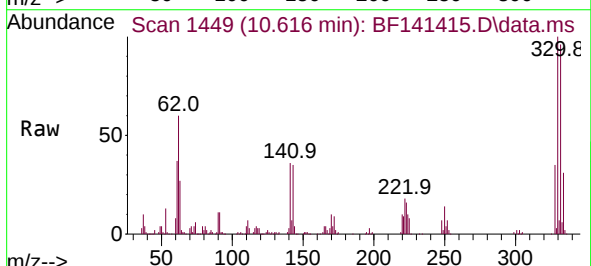
Tgt Ion:330 Resp: 267359

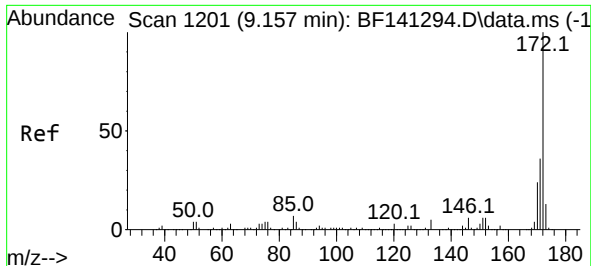
Ion Ratio Lower Upper

330 100

332 96.5 76.1 114.1

141 36.6 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 102.944 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

Instrument :

BNA\_F

ClientSampleId :

JPP-5.3-013025

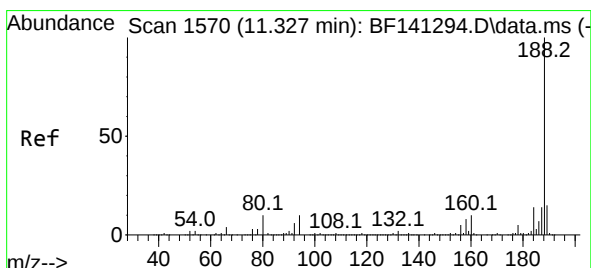
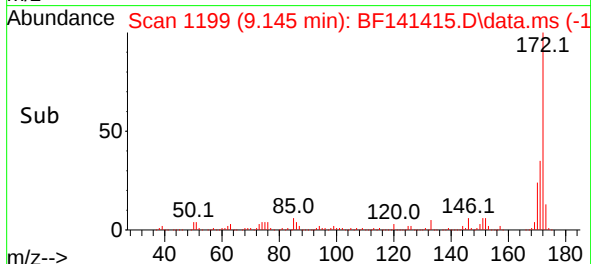
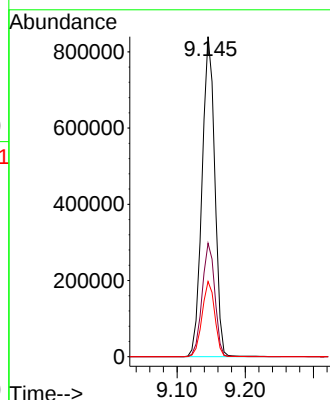
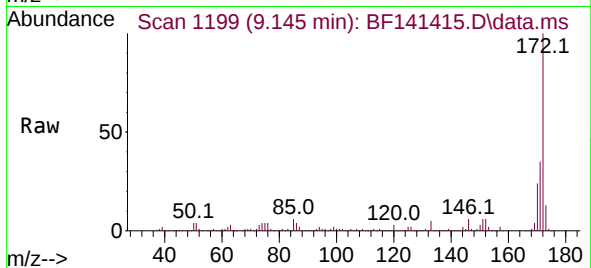
Tgt Ion:172 Resp: 1094420

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1567

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

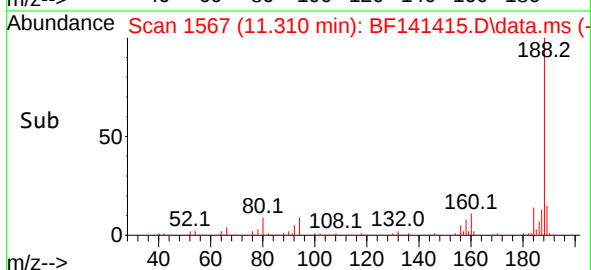
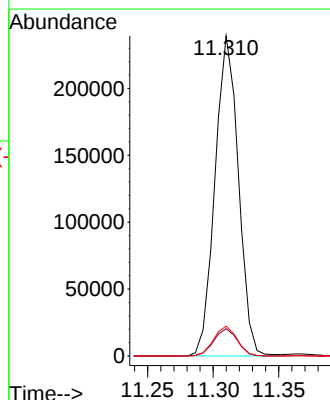
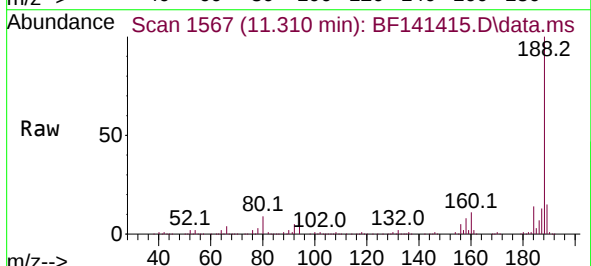
Tgt Ion:188 Resp: 296531

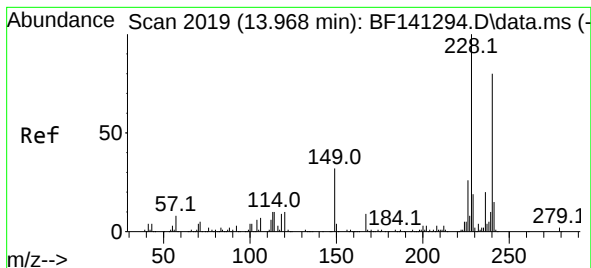
Ion Ratio Lower Upper

188 100

94 8.5 7.8 11.6

80 9.3 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

Instrument :

BNA\_F

ClientSampleId :

JPP-5.3-013025

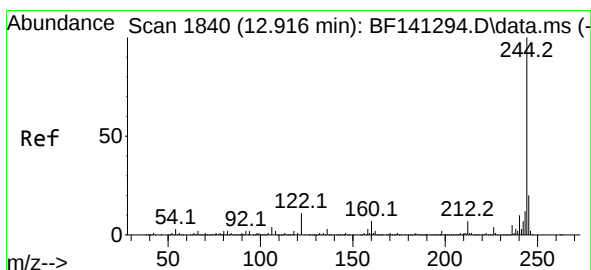
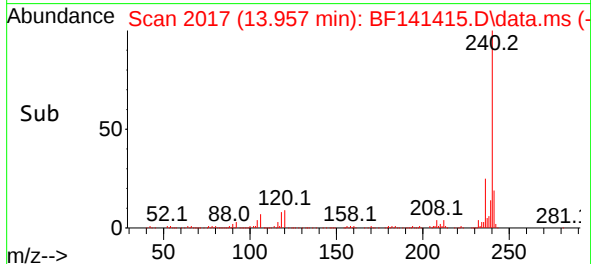
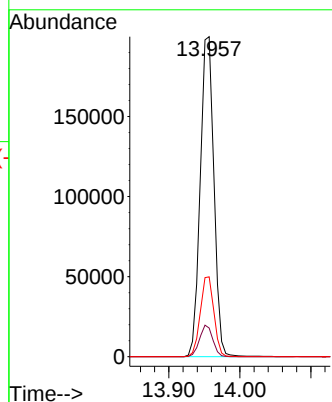
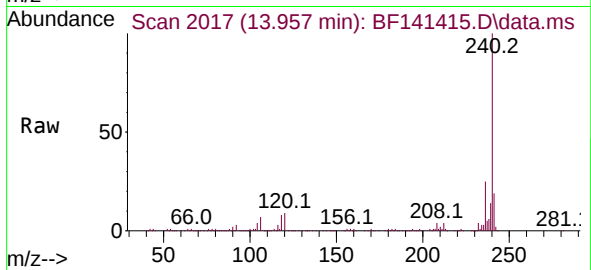
Tgt Ion:240 Resp: 268605

Ion Ratio Lower Upper

240 100

120 9.0 10.0 15.0#

236 24.9 19.7 29.5



#79

Terphenyl-d14

Concen: 83.137 ng

RT: 12.904 min Scan# 1838

Delta R.T. -0.012 min

Lab File: BF141415.D

Acq: 04 Feb 2025 18:15

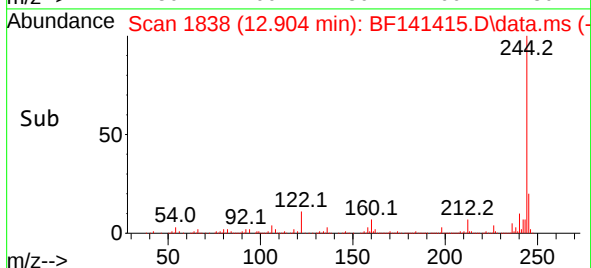
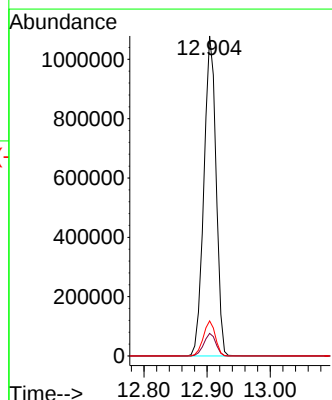
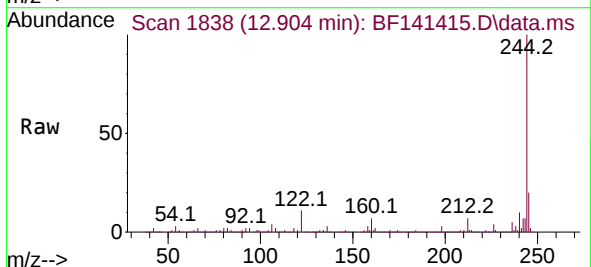
Tgt Ion:244 Resp: 1448018

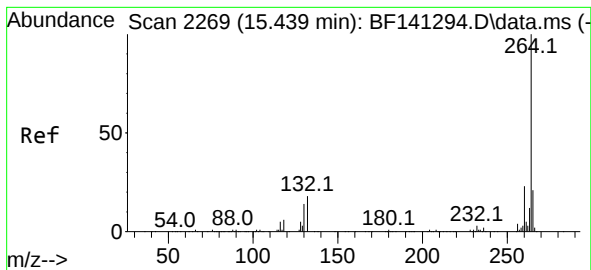
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

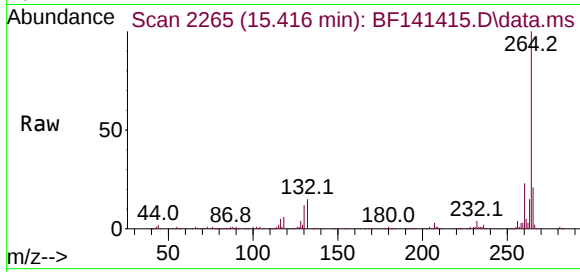
122 10.9 8.8 13.2





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.416 min Scan# 21  
Delta R.T. -0.024 min  
Lab File: BF141415.D  
Acq: 04 Feb 2025 18:15

Instrument :  
BNA\_F  
ClientSampleId :  
JPP-5.3-013025



Tgt Ion:264 Resp: 202288  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 18.6  | 27.8  |
| 265 | 21.3  | 16.7  | 25.1  |

