

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101322\  
 Data File : BF130653.D  
 Acq On : 13 Oct 2022 18:27  
 Operator : CG\JU  
 Sample : N4911-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LEE-1

Quant Time: Oct 14 06:02:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 12 06:52:52 2022  
 Response via : Initial Calibration

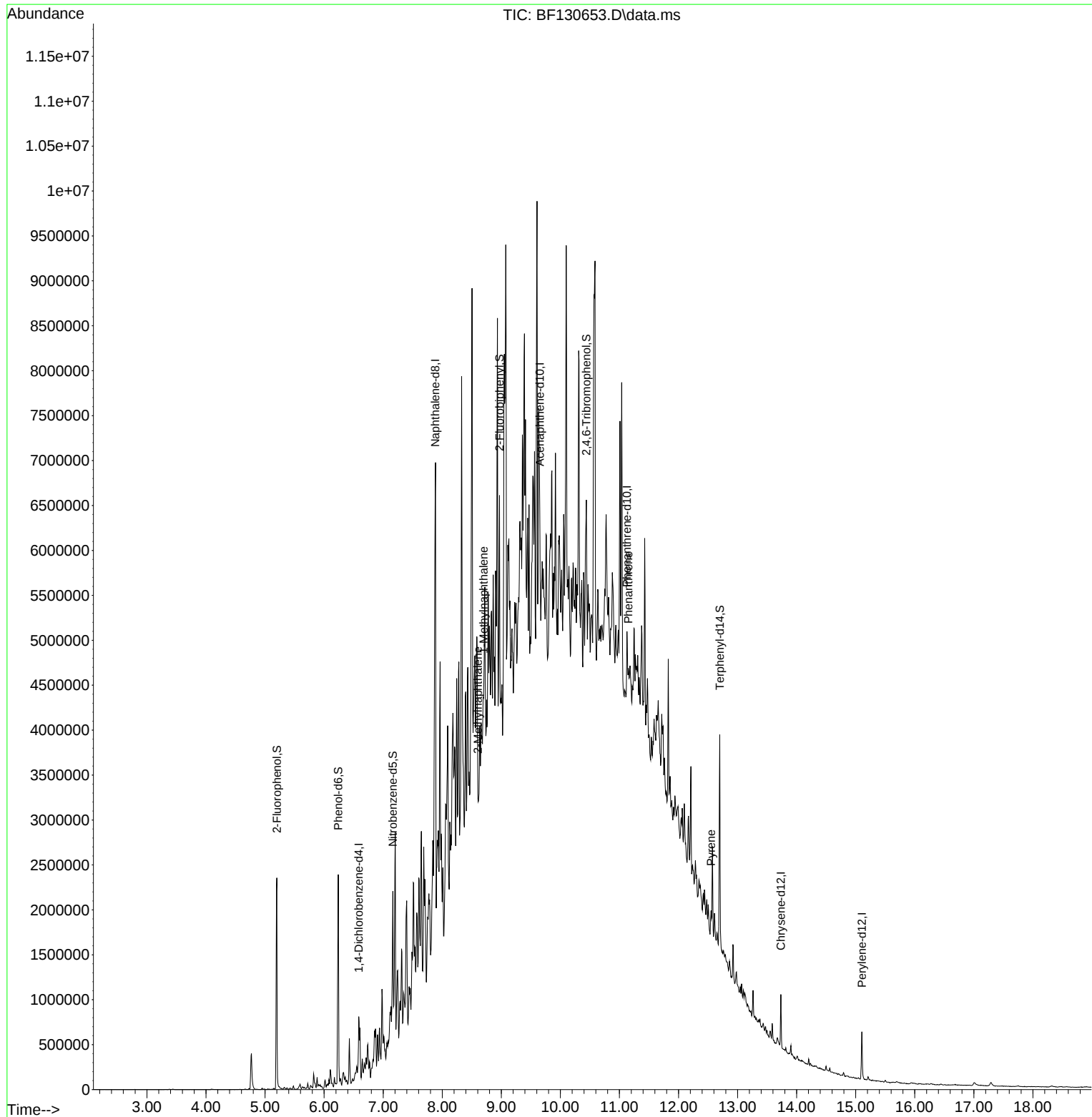
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.586  | 152  | 90677    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.880  | 136  | 316251   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.651  | 164  | 172641   | 20.000  | ng    | 0.03     |
| 64) Phenanthrene-d10        | 11.127 | 188  | 230316   | 20.000  | ng    | # 0.03   |
| 76) Chrysene-d12            | 13.733 | 240  | 191390   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.104 | 264  | 216469   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.198  | 112  | 751642   | 149.417 | ng    | 0.01     |
| 7) Phenol-d6                | 6.239  | 99   | 898256   | 142.023 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.163  | 82   | 521845   | 90.080  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.439 | 330  | 233507   | 138.229 | ng    | 0.03     |
| 45) 2-Fluorobiphenyl        | 8.969  | 172  | 941545   | 82.611  | ng    | 0.02     |
| 79) Terphenyl-d14           | 12.698 | 244  | 825852   | 71.618  | ng    | 0.01     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 37) 2-Methylnaphthalene     | 8.604  | 142  | 41530    | 4.031   | ng    | 89       |
| 38) 1-Methylnaphthalene     | 8.698  | 142  | 61566    | 6.156   | ng    | 86       |
| 71) Phenanthrene            | 11.151 | 178  | 84045    | 6.586   | ng    | # 63     |
| 78) Pyrene                  | 12.551 | 202  | 91977    | 5.571   | ng    | # 91     |
| -----                       |        |      |          |         |       |          |

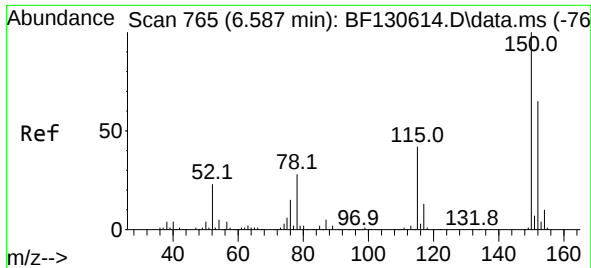
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101322\  
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Quant Time: Oct 14 06:02:06 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 12 06:52:52 2022  
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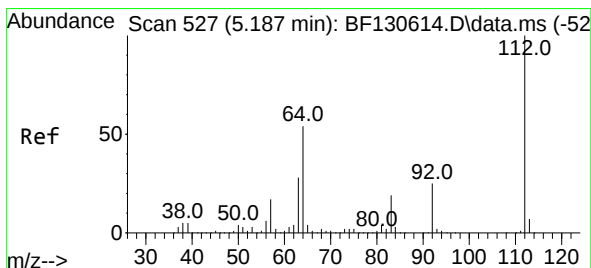
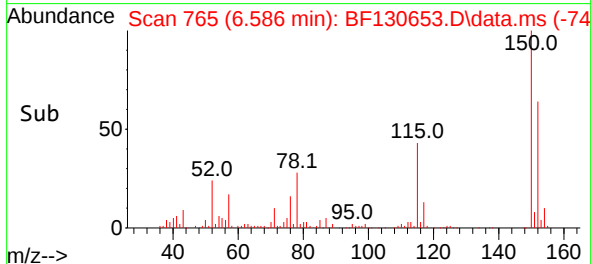
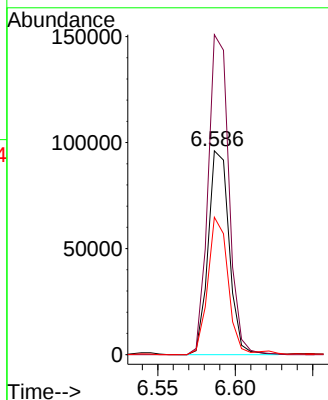
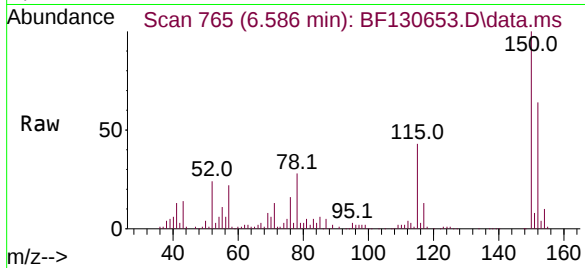




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.586 min Scan# 765  
Delta R.T. -0.001 min  
Lab File: BF130653.D  
Acq: 13 Oct 2022 18:27

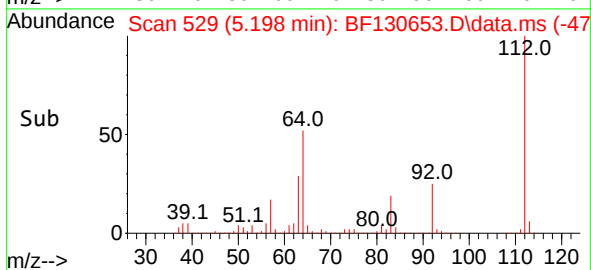
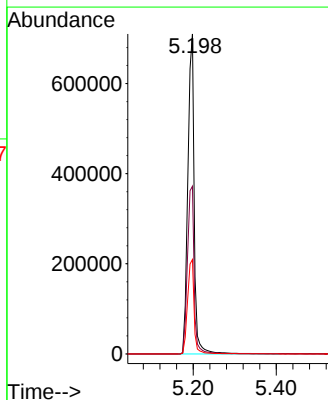
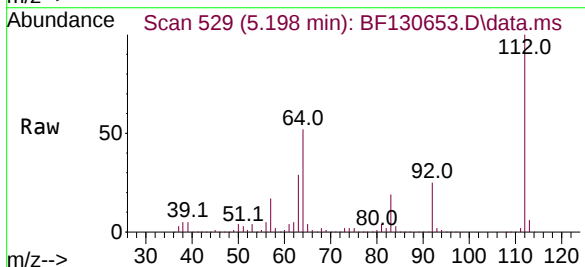
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BNA\_F  
ClientSampleId :  
LEE-1

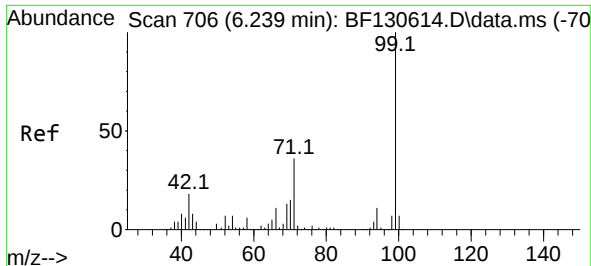
Tgt Ion:152 Resp: 90677  
Ion Ratio Lower Upper  
152 100  
150 157.1 123.8 185.6  
115 67.4 52.2 78.4



#5  
2-Fluorophenol  
Concen: 149.417 ng  
RT: 5.198 min Scan# 529  
Delta R.T. 0.012 min  
Lab File: BF130653.D  
Acq: 13 Oct 2022 18:27

Tgt Ion:112 Resp: 751642  
Ion Ratio Lower Upper  
112 100  
64 52.4 43.5 65.3  
63 29.5 22.6 34.0

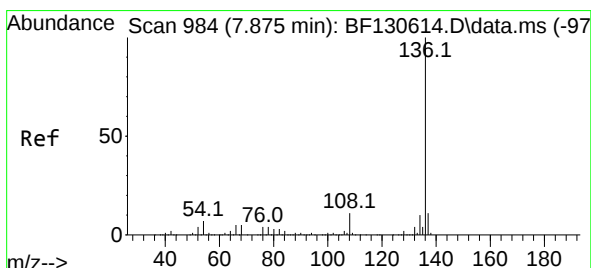
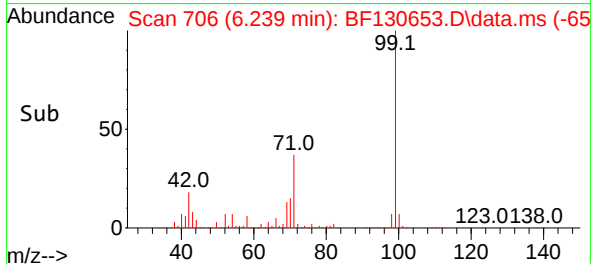
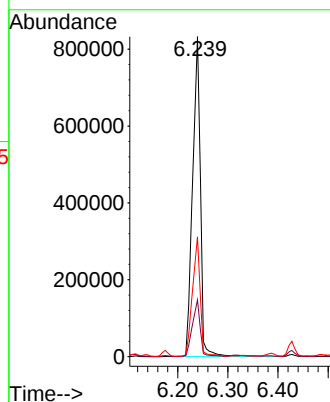
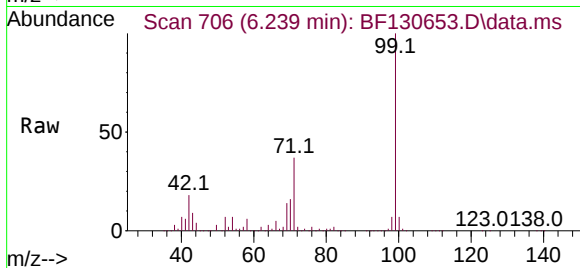




#7  
Phenol-d6  
Concen: 142.023 ng  
RT: 6.239 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: BF130653.D  
Acq: 13 Oct 2022 18:27

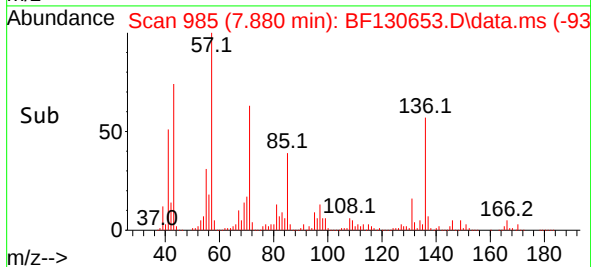
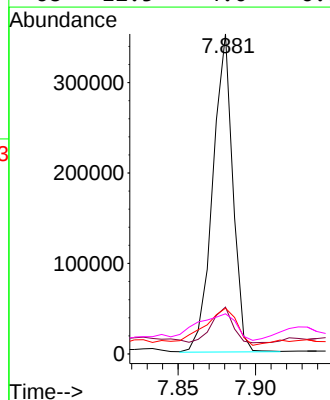
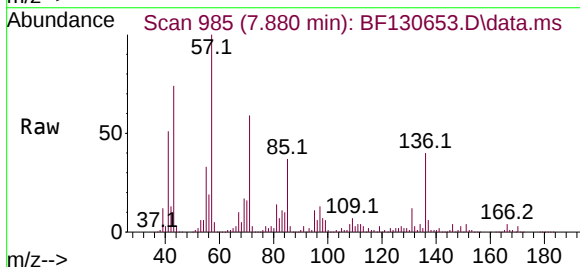
Instrument :  
BNA\_F  
ClientSampleId :  
LEE-1

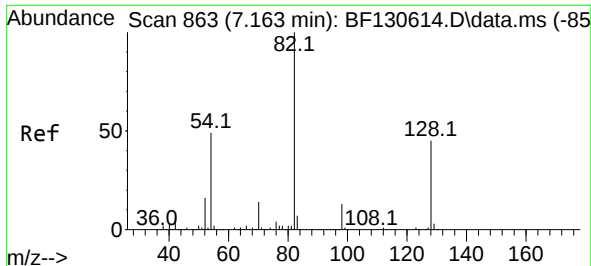
Tgt Ion: 99 Resp: 898256  
Ion Ratio Lower Upper  
99 100  
42 17.7 14.0 21.0  
71 37.4 28.8 43.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.880 min Scan# 985  
Delta R.T. 0.005 min  
Lab File: BF130653.D  
Acq: 13 Oct 2022 18:27

Tgt Ion:136 Resp: 316251  
Ion Ratio Lower Upper  
136 100  
137 14.6 8.4 12.6#  
54 14.3 5.5 8.3#  
68 12.5 4.0 6.0#

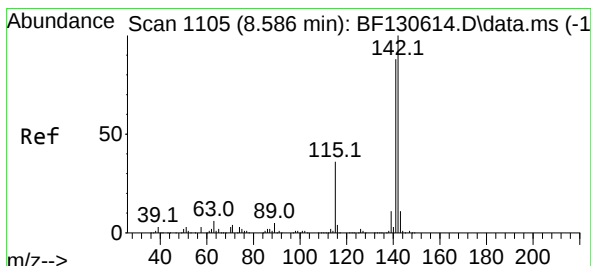
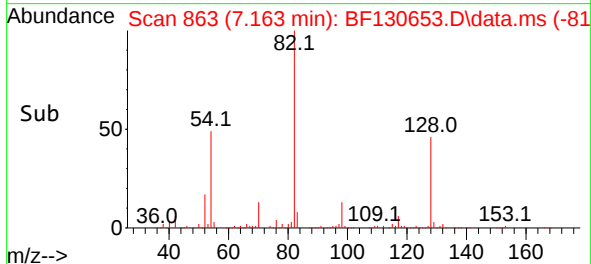
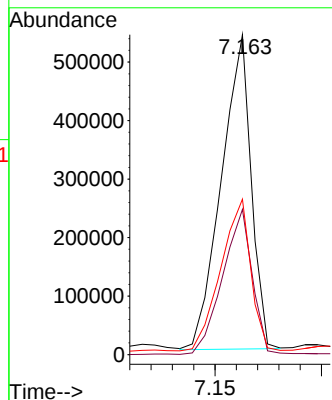
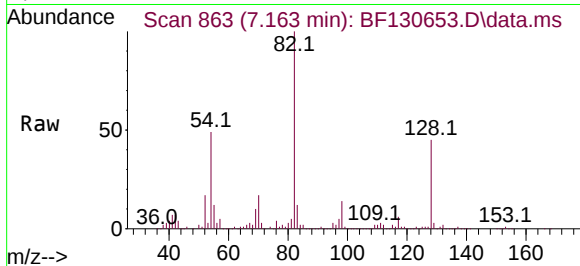




#23  
Nitrobenzene-d5  
Concen: 90.080 ng  
RT: 7.163 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BF130653.D  
Acq: 13 Oct 2022 18:27

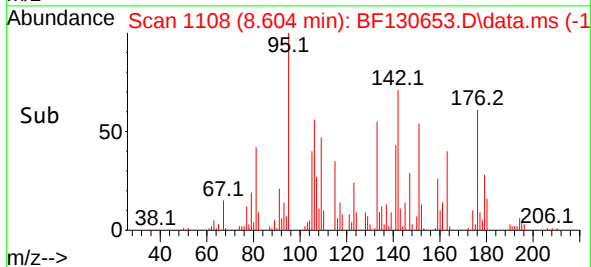
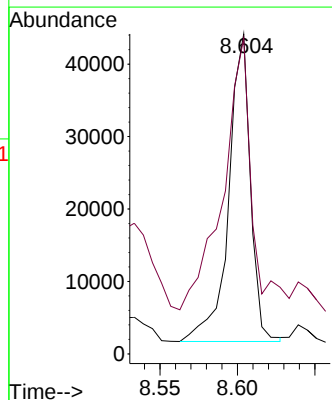
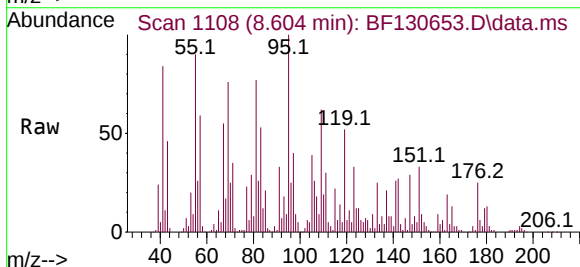
Instrument :  
BNA\_F  
ClientSampleId :  
LEE-1

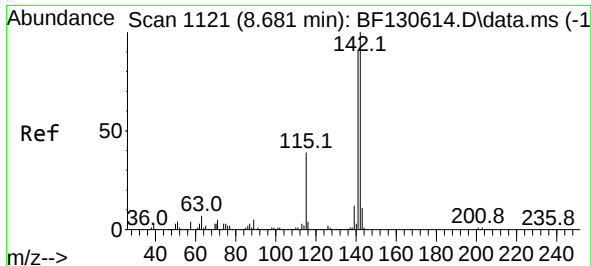
Tgt Ion: 82 Resp: 521845  
Ion Ratio Lower Upper  
82 100  
128 45.4 35.8 53.6  
54 48.6 39.3 58.9



#37  
2-Methylnaphthalene  
Concen: 4.031 ng  
RT: 8.604 min Scan# 1108  
Delta R.T. 0.018 min  
Lab File: BF130653.D  
Acq: 13 Oct 2022 18:27

Tgt Ion: 142 Resp: 41530  
Ion Ratio Lower Upper  
142 100  
141 98.6 70.7 106.1





#38

1-Methylnaphthalene

Concen: 6.156 ng

RT: 8.698 min Scan# 1121

Delta R.T. 0.018 min

Lab File: BF130653.D

Acq: 13 Oct 2022 18:27

Instrument :

BNA\_F

ClientSampleId :

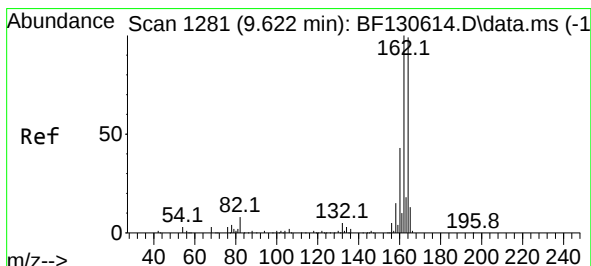
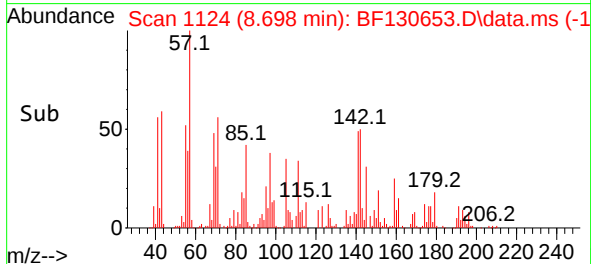
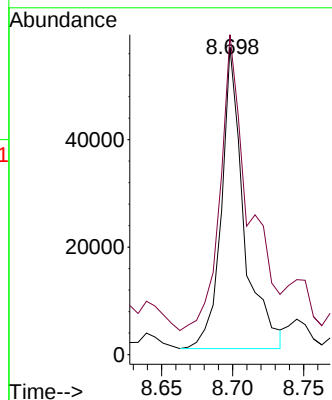
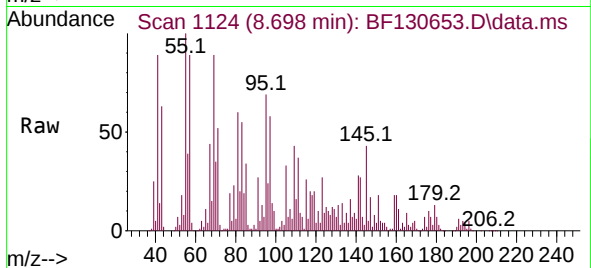
LEE-1

Tgt Ion:142 Resp: 61566

Ion Ratio Lower Upper

142 100

141 104.1 72.6 108.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.651 min Scan# 1286

Delta R.T. 0.029 min

Lab File: BF130653.D

Acq: 13 Oct 2022 18:27

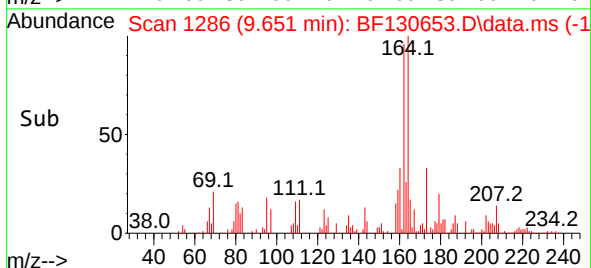
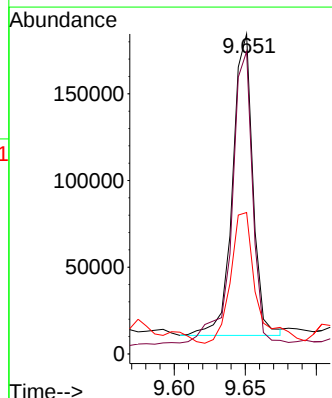
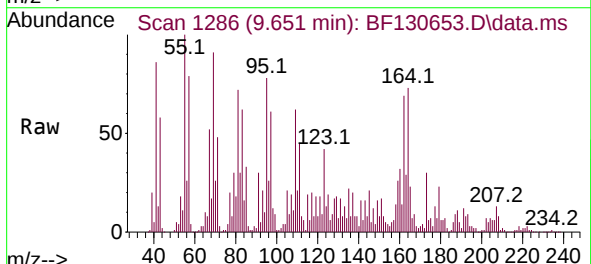
Tgt Ion:164 Resp: 172641

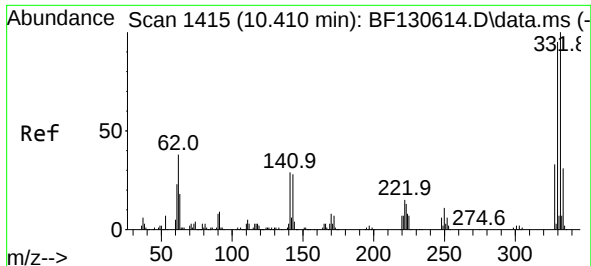
Ion Ratio Lower Upper

164 100

162 94.5 81.0 121.4

160 44.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 138.229 ng

RT: 10.439 min Scan# 1415

Delta R.T. 0.029 min

Lab File: BF130653.D

Acq: 13 Oct 2022 18:27

Instrument :

BNA\_F

ClientSampleId :

LEE-1

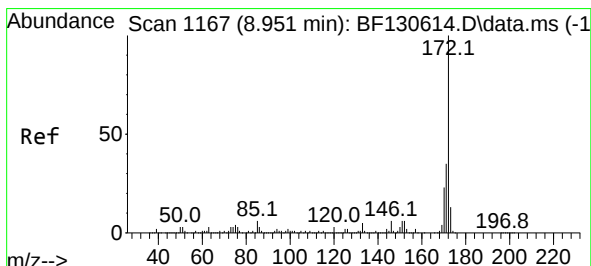
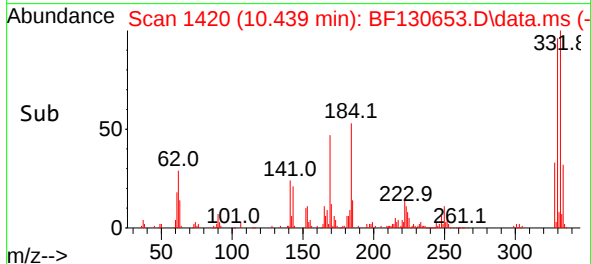
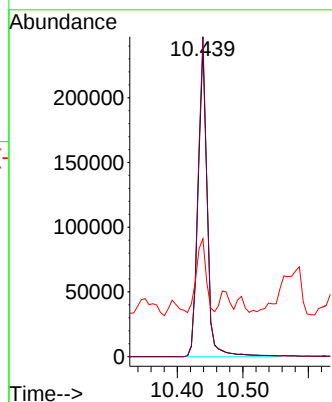
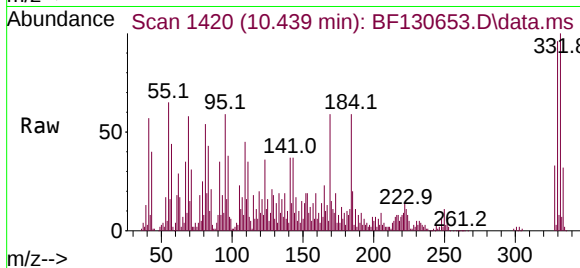
Tgt Ion:330 Resp: 233507

Ion Ratio Lower Upper

330 100

332 102.9 84.2 126.4

141 24.8 26.8 40.2#



#45

2-Fluorobiphenyl

Concen: 82.611 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.018 min

Lab File: BF130653.D

Acq: 13 Oct 2022 18:27

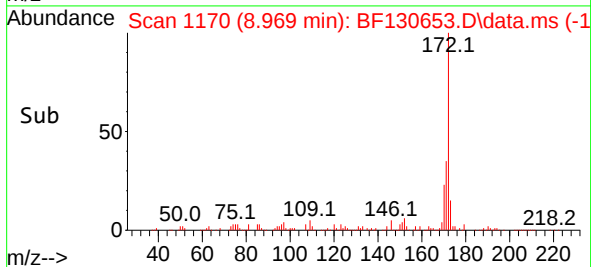
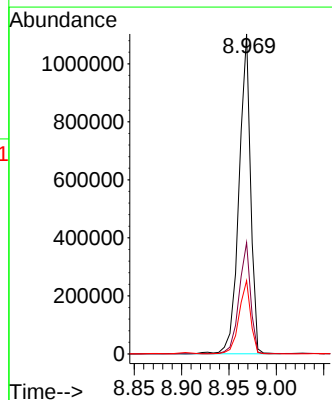
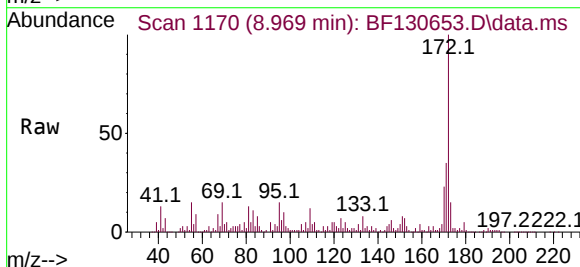
Tgt Ion:172 Resp: 941545

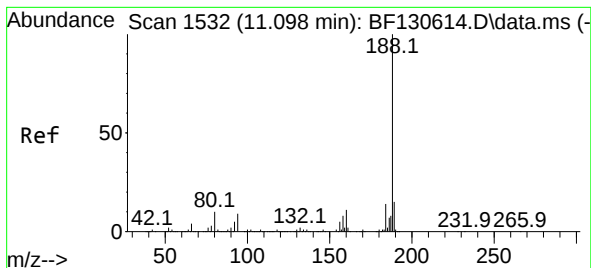
Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 22.9 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.029 min

Lab File: BF130653.D

Acq: 13 Oct 2022 18:27

Instrument :

BNA\_F

ClientSampleId :

LEE-1

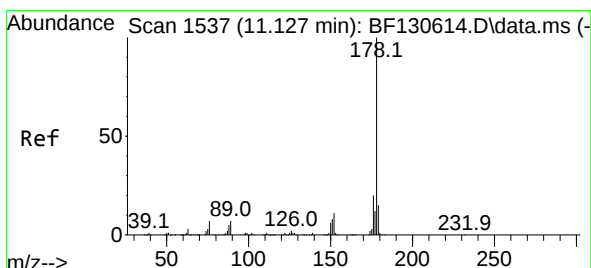
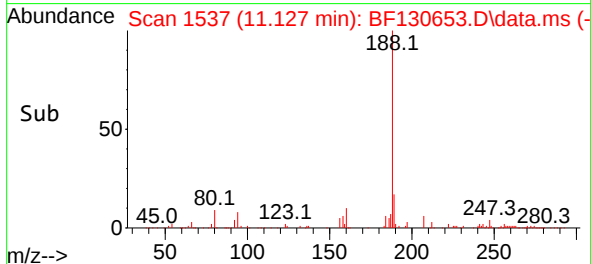
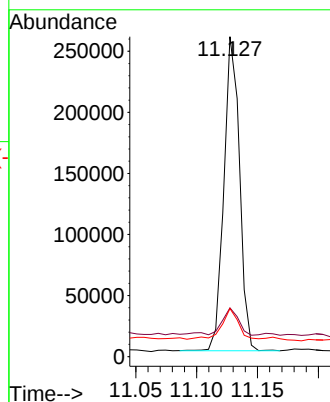
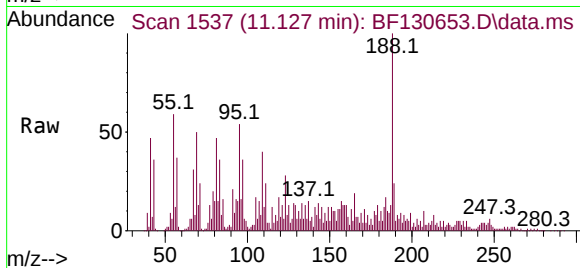
Tgt Ion:188 Resp: 230316

Ion Ratio Lower Upper

188 100

94 15.2 7.4 11.2#

80 15.0 8.0 12.0#



#71

Phenanthrene

Concen: 6.586 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.023 min

Lab File: BF130653.D

Acq: 13 Oct 2022 18:27

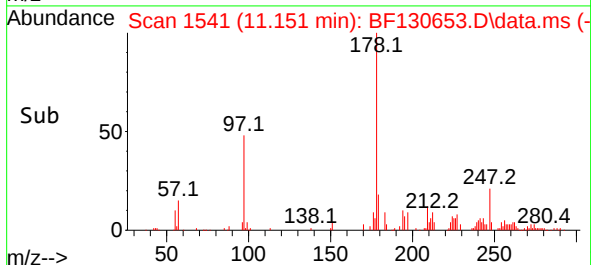
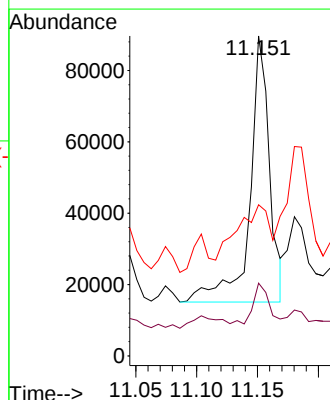
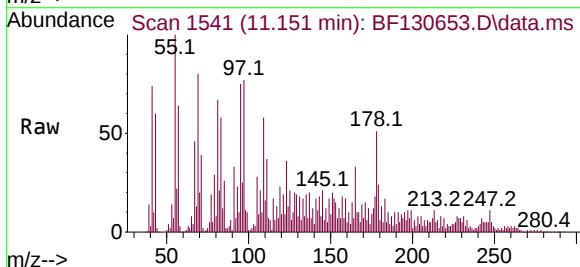
Tgt Ion:178 Resp: 84045

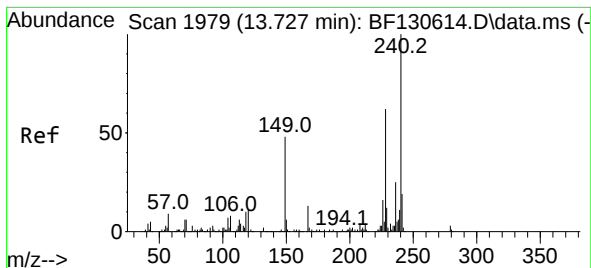
Ion Ratio Lower Upper

178 100

176 22.7 15.7 23.5

179 47.2 12.2 18.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.733 min Scan# 1979

Delta R.T. 0.006 min

Lab File: BF130653.D

Acq: 13 Oct 2022 18:27

Instrument :

BNA\_F

ClientSampleId :

LEE-1

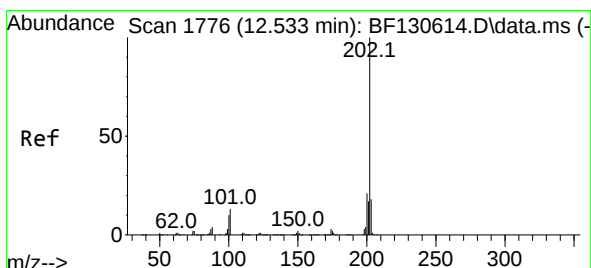
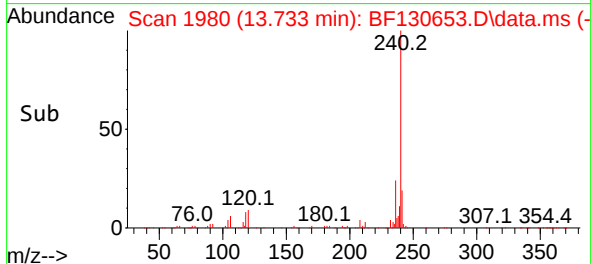
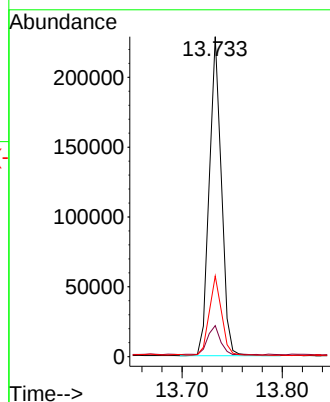
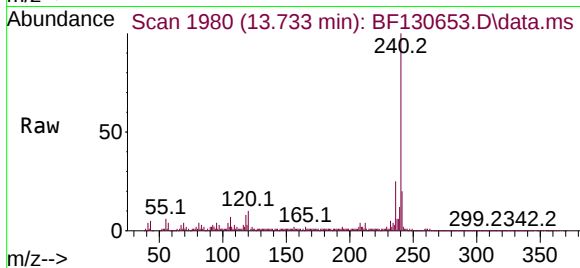
Tgt Ion:240 Resp: 191390

Ion Ratio Lower Upper

240 100

120 9.7 8.6 13.0

236 25.2 20.2 30.4



#78

Pyrene

Concen: 5.571 ng

RT: 12.551 min Scan# 1779

Delta R.T. 0.018 min

Lab File: BF130653.D

Acq: 13 Oct 2022 18:27

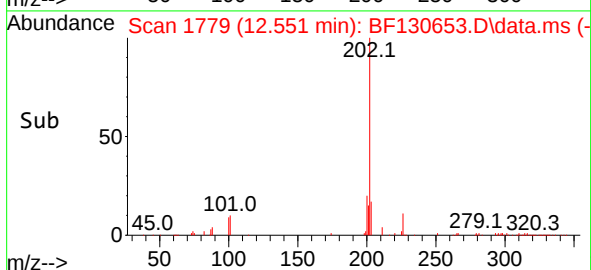
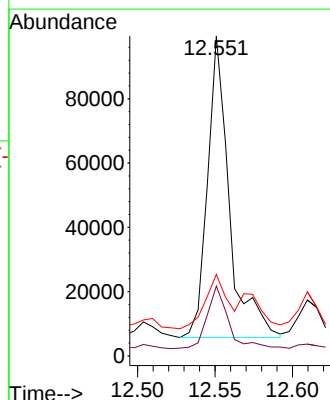
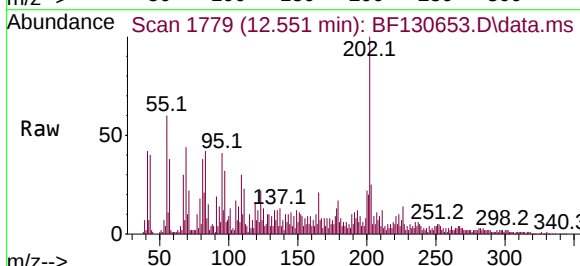
Tgt Ion:202 Resp: 91977

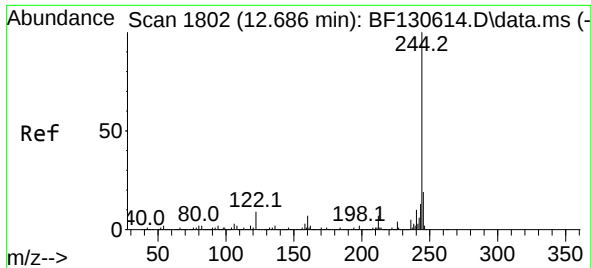
Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

203 25.5 14.0 21.0#

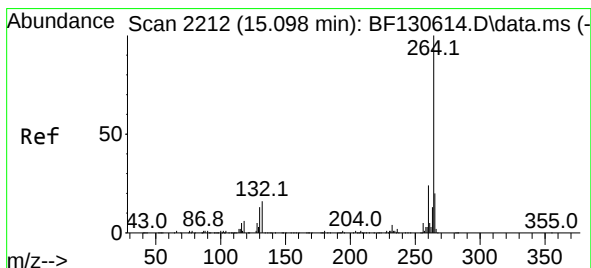
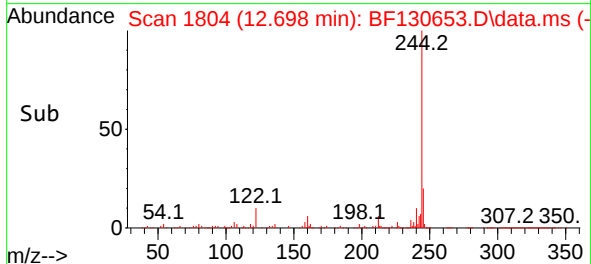
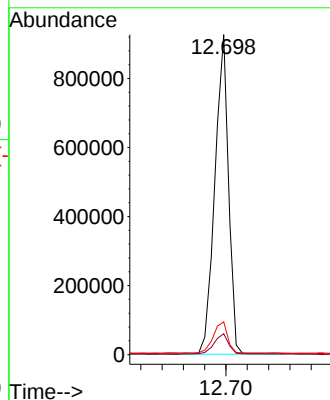
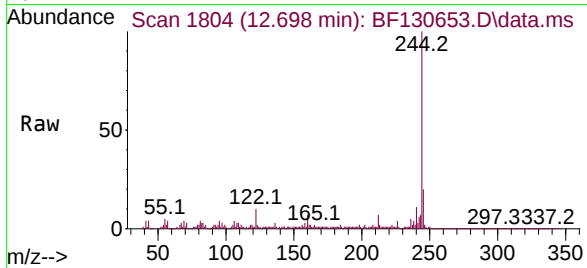




#79  
 Terphenyl-d14  
 Concen: 71.618 ng  
 RT: 12.698 min Scan# 1804  
 Delta R.T. 0.012 min  
 Lab File: BF130653.D  
 Acq: 13 Oct 2022 18:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LEE-1

Tgt Ion:244 Resp: 825852  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.4 8.0  
 122 10.2 7.5 11.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.104 min Scan# 2213  
 Delta R.T. 0.006 min  
 Lab File: BF130653.D  
 Acq: 13 Oct 2022 18:27

Tgt Ion:264 Resp: 216469  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.1 28.7  
 265 20.7 16.4 24.6

