

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE103124\  
 Data File : BE101430.D  
 Acq On : 31 Oct 2024 13:26  
 Operator : RC/JU  
 Sample : P4616-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-F10

Quant Time: Oct 31 20:35:59 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 29 01:26:30 2024  
 Response via : Initial Calibration

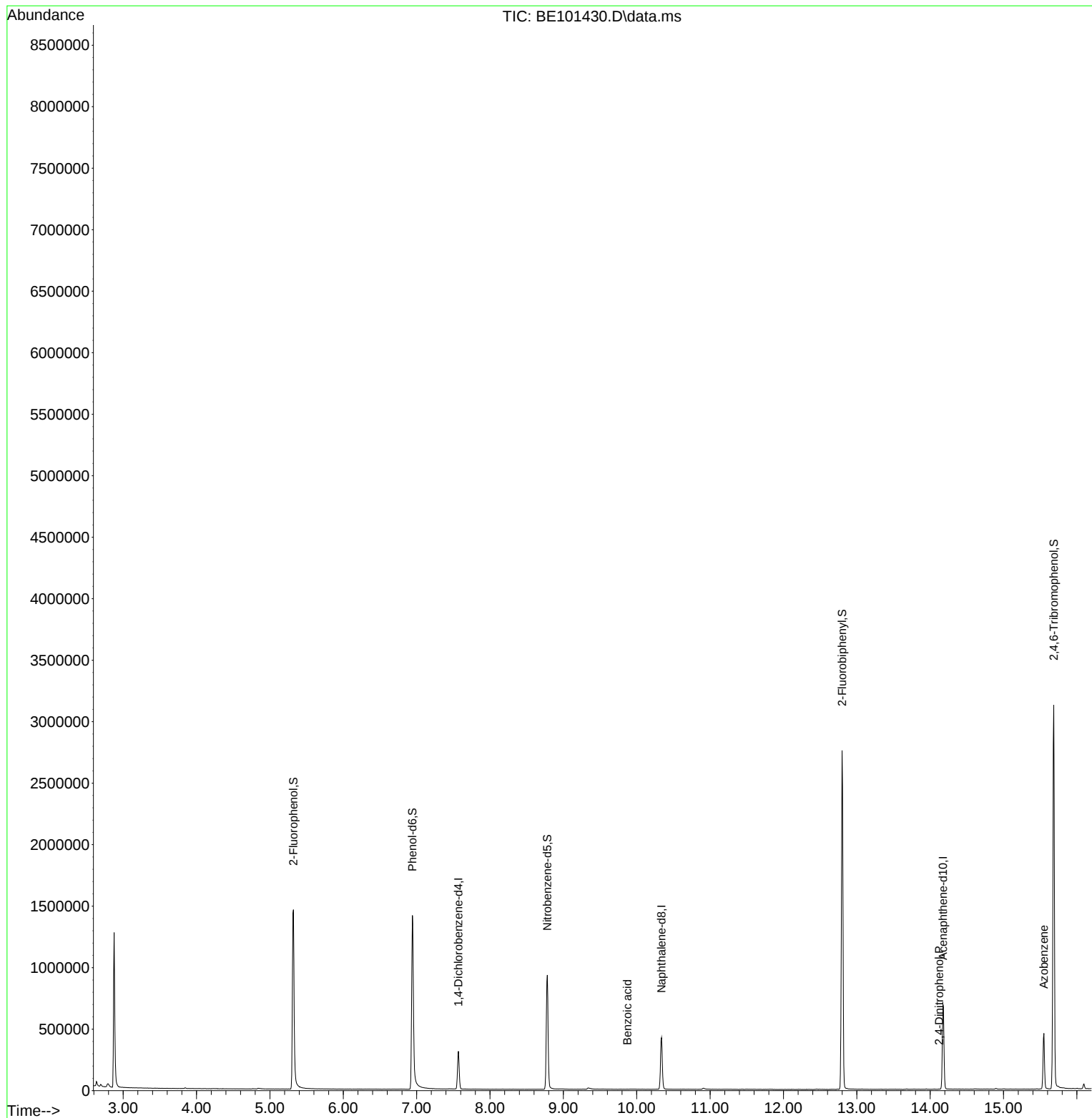
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.570  | 152  | 86789    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.338 | 136  | 371426   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.174 | 164  | 259030   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 16.912 | 188  | 647880   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.072 | 240  | 910058   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 23.363 | 264  | 1203516  | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.320  | 112  | 773415   | 156.188 | ng    | 0.00      |
| 7) Phenol-d6                | 6.941  | 99   | 1007586  | 146.745 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.781  | 82   | 567623   | 95.987  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.684 | 330  | 739758   | 162.944 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.799 | 172  | 1452469  | 94.962  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.509 | 244  | 3559211  | 90.013  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 32) Benzoic acid            | 9.873  | 122  | 59       | 8.228   | ng    | Qvalue 84 |
| 54) 2,4-Dinitrophenol       | 14.121 | 184  | 23       | 5.624   | ng    | 92        |
| 63) Azobenzene              | 15.549 | 77   | 126056   | 7.668   | ng    | # 1       |
| -----                       |        |      |          |         |       |           |

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

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Sample : P4616-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
BP-F10

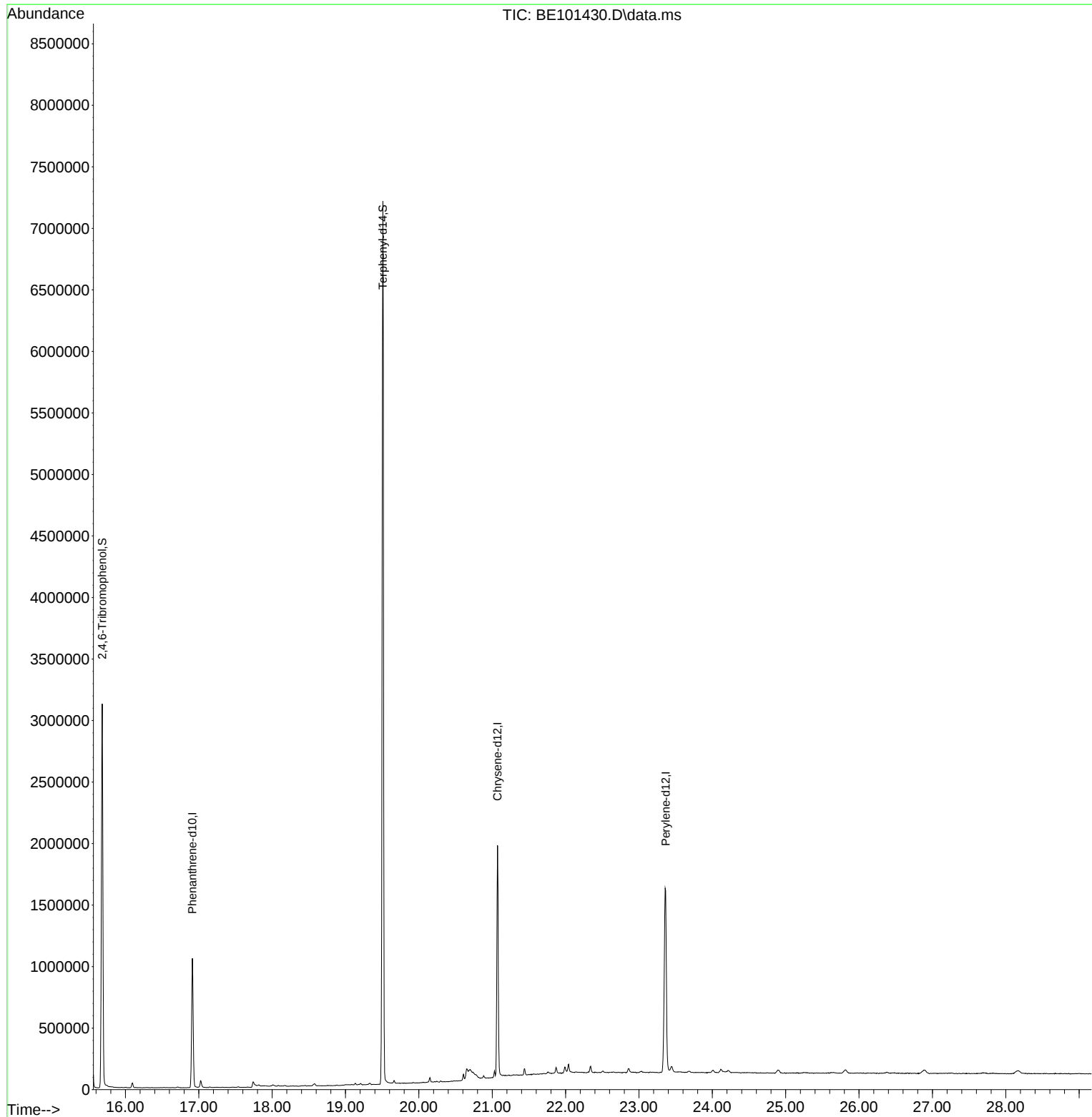
Quant Time: Oct 31 20:35:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE102824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 29 01:26:30 2024  
Response via : Initial Calibration

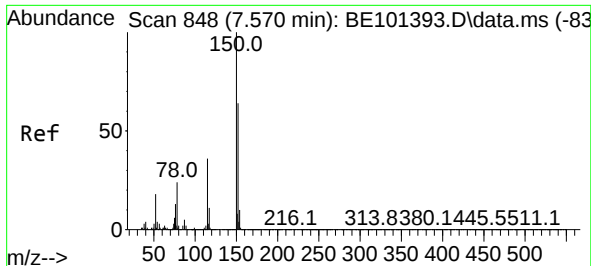


Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE103124\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 29 01:26:30 2024  
Response via : Initial Calibration

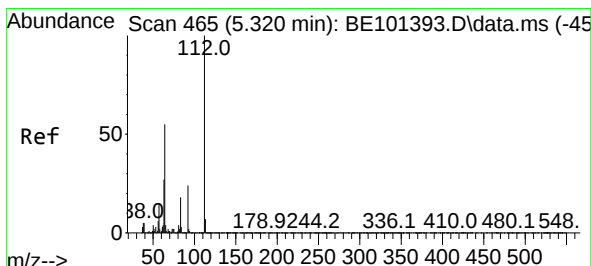
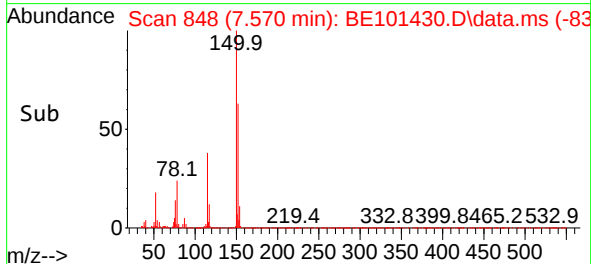
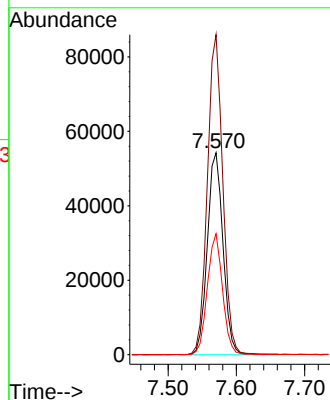
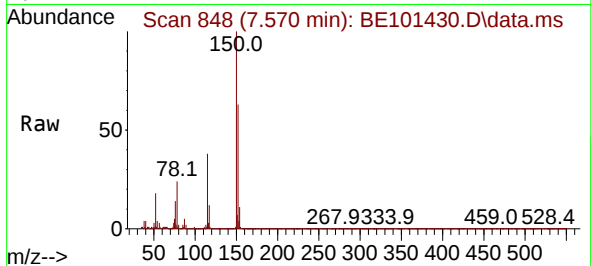




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.570 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

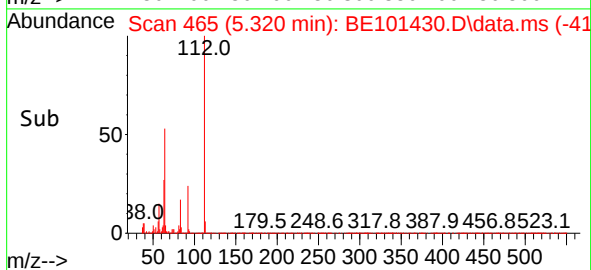
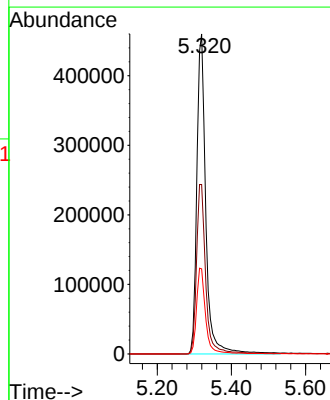
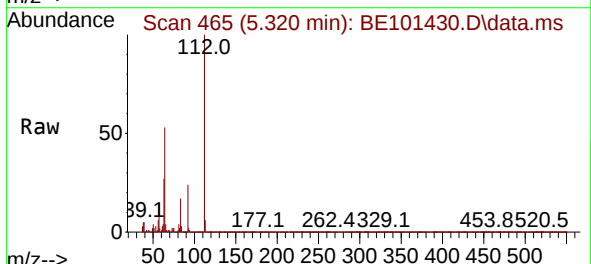
Instrument :  
BNA\_E  
ClientSampleId :  
BP-F10

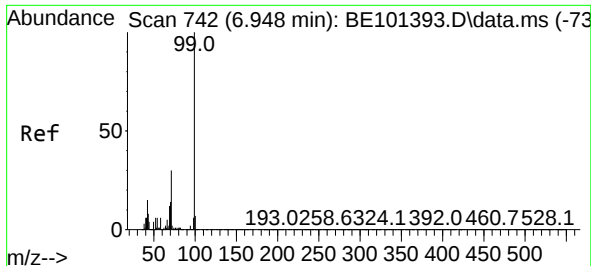
Tgt Ion:152 Resp: 86789  
Ion Ratio Lower Upper  
152 100  
150 158.5 124.2 186.4  
115 59.9 45.3 67.9



#5  
2-Fluorophenol  
Concen: 156.188 ng  
RT: 5.320 min Scan# 465  
Delta R.T. -0.000 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

Tgt Ion:112 Resp: 773415  
Ion Ratio Lower Upper  
112 100  
64 52.9 43.7 65.5  
63 26.6 21.4 32.2



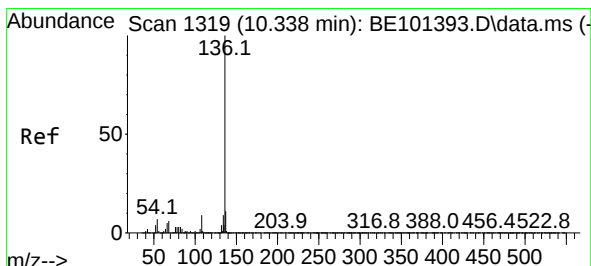
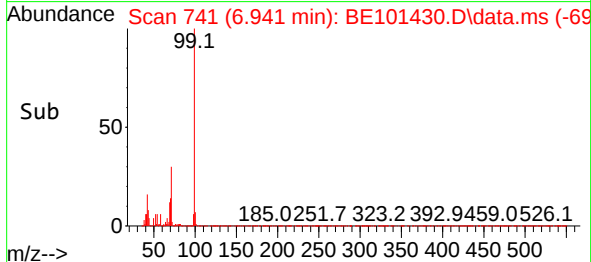
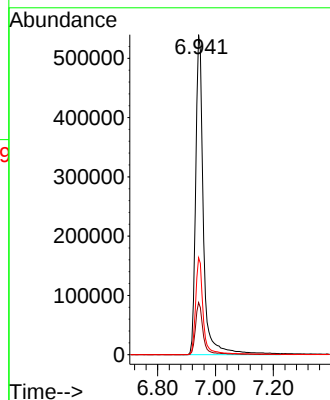
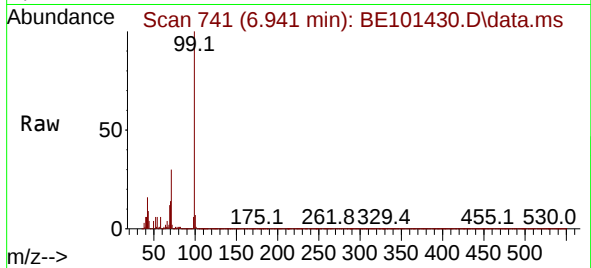


#7  
Phenol-d6  
Concen: 146.745 ng  
RT: 6.941 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

Instrument :  
BNA\_E  
ClientSampleId :  
BP-F10

Tgt Ion: 99 Resp: 1007586

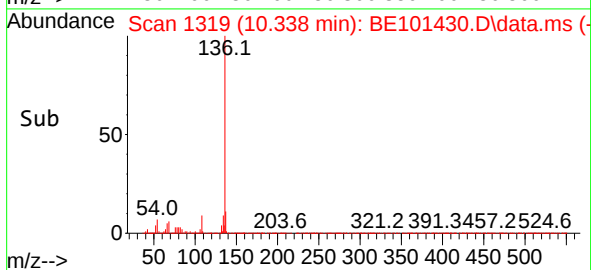
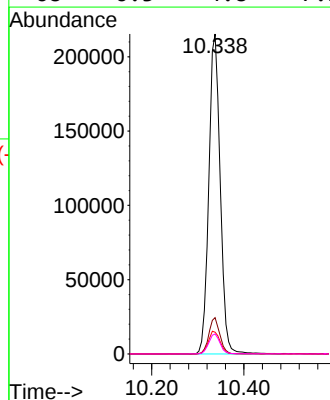
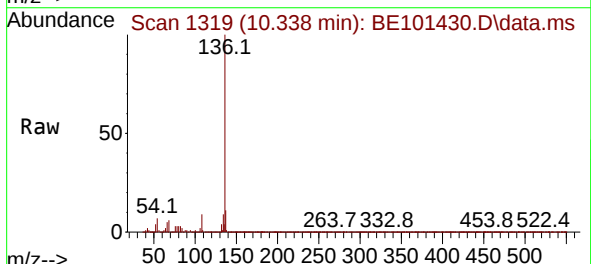
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.3  | 12.3  | 18.5  |
| 71  | 30.3  | 23.8  | 35.8  |

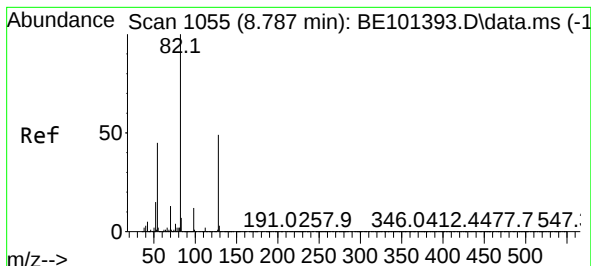


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.338 min Scan# 1319  
Delta R.T. -0.000 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

Tgt Ion:136 Resp: 371426

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 9.0   | 13.6  |
| 54  | 6.8   | 5.9   | 8.9   |
| 68  | 6.3   | 4.8   | 7.2   |





#23

Nitrobenzene-d5

Concen: 95.987 ng

RT: 8.781 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BE101430.D

Acq: 31 Oct 2024 13:26

Instrument :

BNA\_E

ClientSampleId :

BP-F10

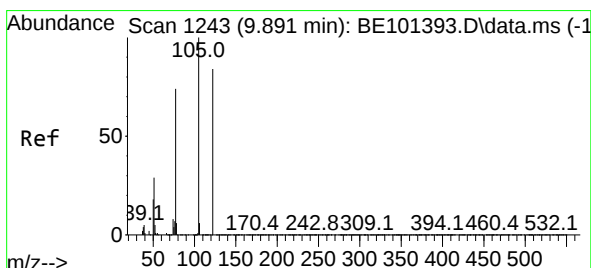
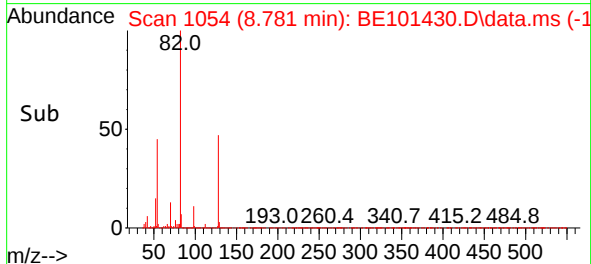
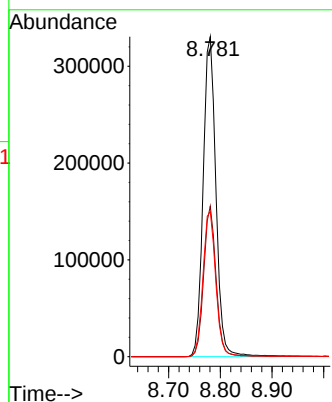
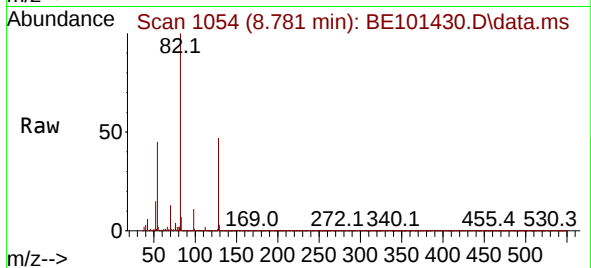
Tgt Ion: 82 Resp: 567623

Ion Ratio Lower Upper

82 100

128 47.0 38.9 58.3

54 45.4 36.2 54.4



#32

Benzoic acid

Concen: 8.228 ng

RT: 9.873 min Scan# 1240

Delta R.T. -0.018 min

Lab File: BE101430.D

Acq: 31 Oct 2024 13:26

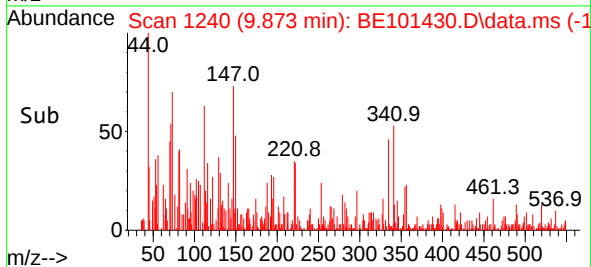
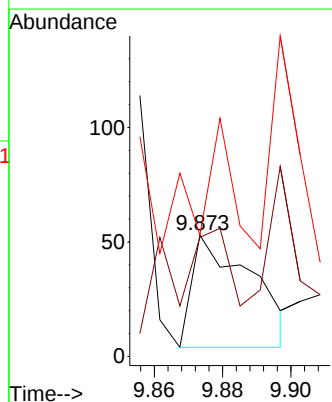
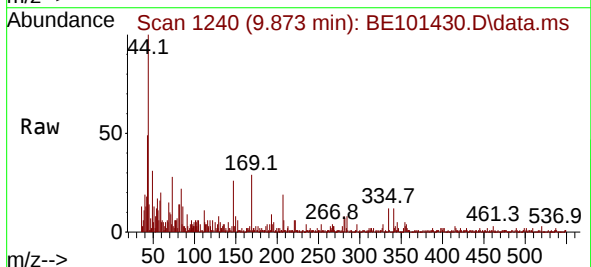
Tgt Ion: 122 Resp: 59

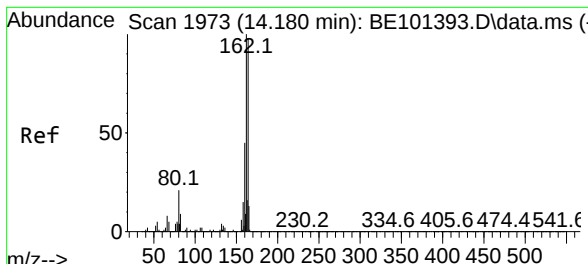
Ion Ratio Lower Upper

122 100

105 98.1 97.9 137.9

77 100.0 68.1 108.1

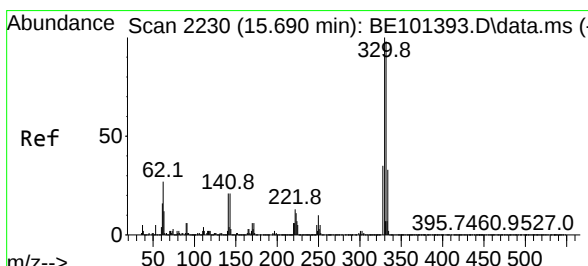
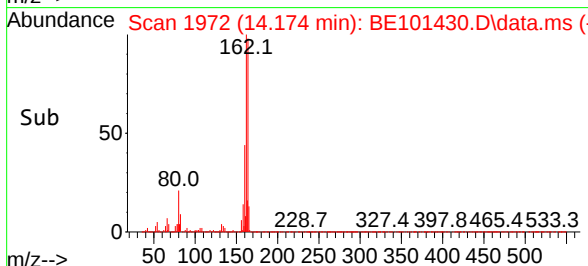
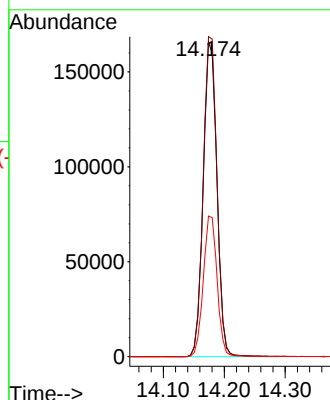
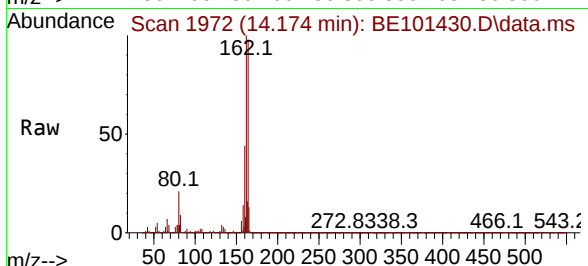




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.174 min Scan# 1973  
Delta R.T. -0.006 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

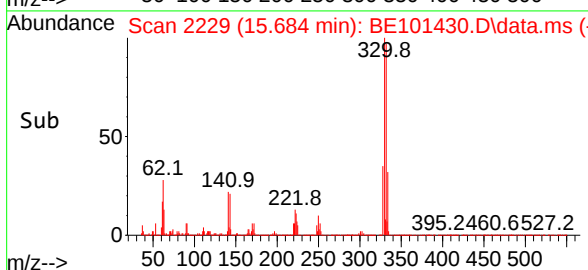
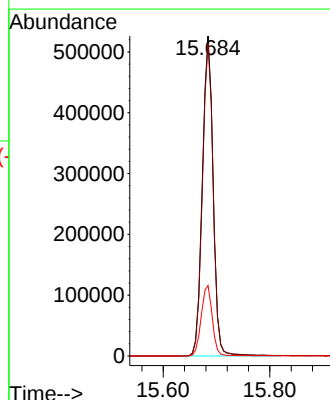
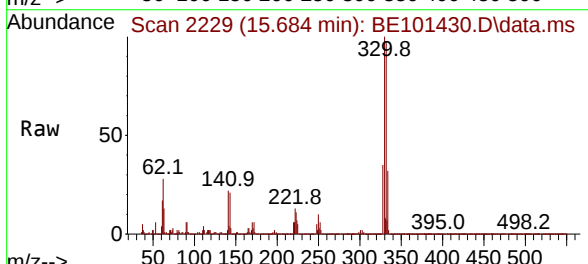
Instrument :  
BNA\_E  
ClientSampleId :  
BP-F10

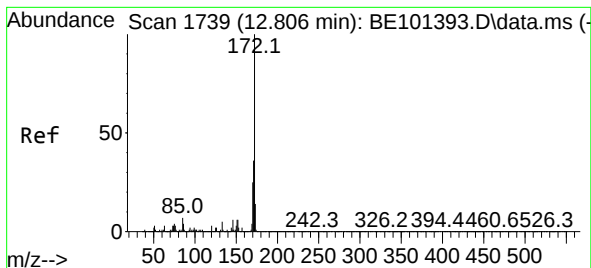
Tgt Ion:164 Resp: 259030  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.3 121.9  
160 44.7 36.4 54.6



#42  
2,4,6-Tribromophenol  
Concen: 162.944 ng  
RT: 15.684 min Scan# 2229  
Delta R.T. -0.006 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

Tgt Ion:330 Resp: 739758  
Ion Ratio Lower Upper  
330 100  
332 97.4 78.2 117.2  
141 22.6 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 94.962 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101430.D

Acq: 31 Oct 2024 13:26

Instrument :

BNA\_E

ClientSampleId :

BP-F10

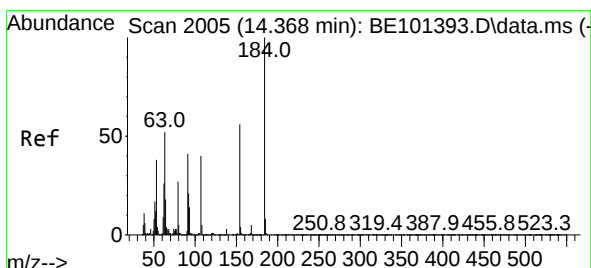
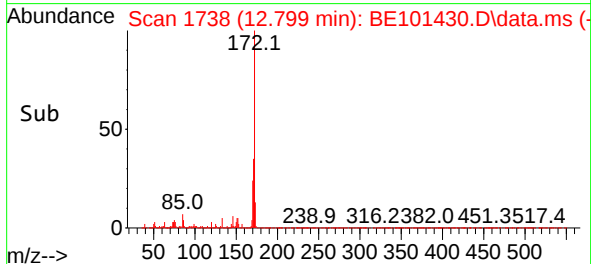
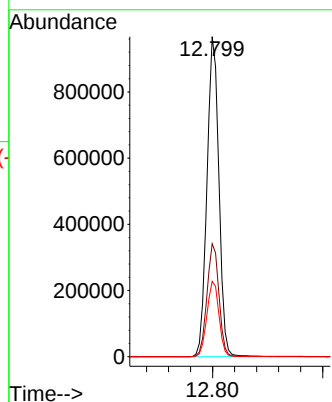
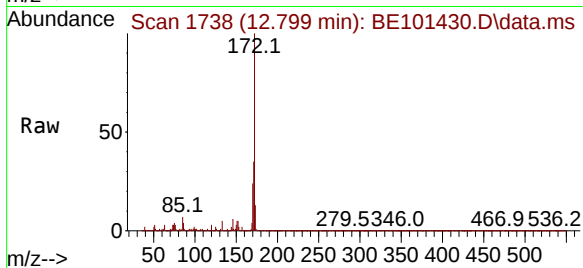
Tgt Ion:172 Resp: 1452469

Ion Ratio Lower Upper

172 100

171 35.3 29.2 43.8

170 23.6 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.624 ng

RT: 14.121 min Scan# 1963

Delta R.T. -0.247 min

Lab File: BE101430.D

Acq: 31 Oct 2024 13:26

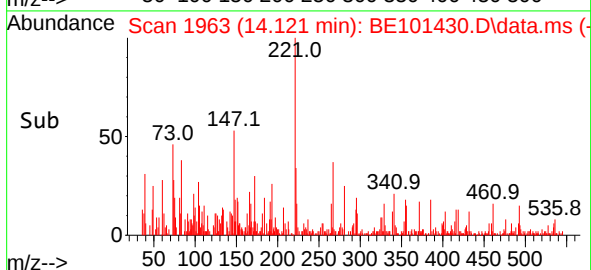
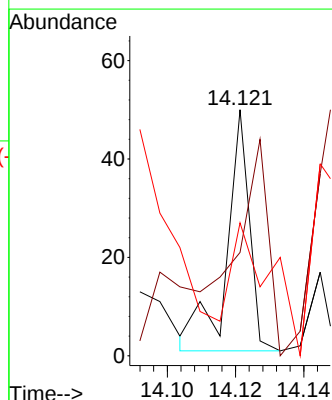
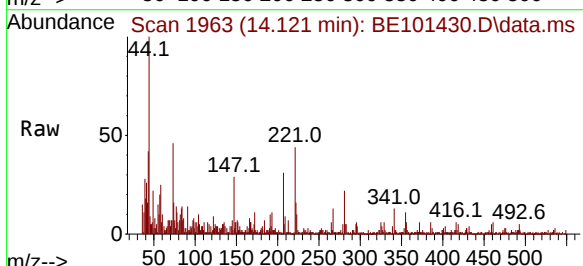
Tgt Ion:184 Resp: 23

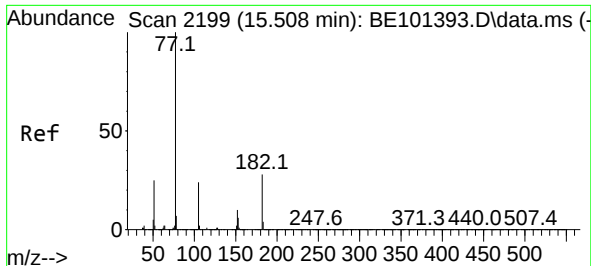
Ion Ratio Lower Upper

184 100

63 42.0 41.8 62.6

154 54.0 44.9 67.3

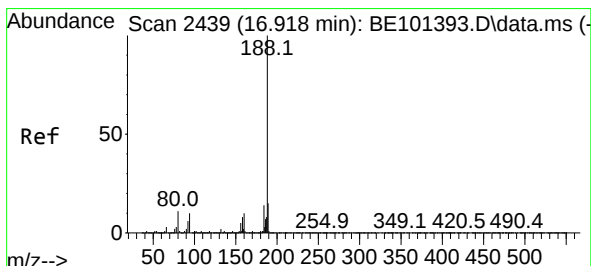
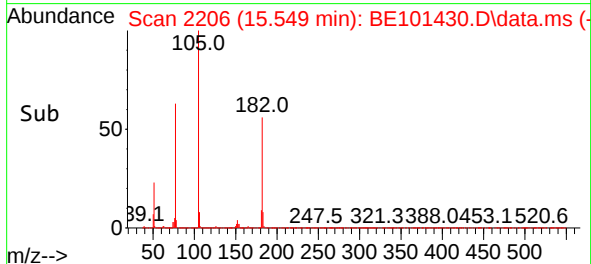
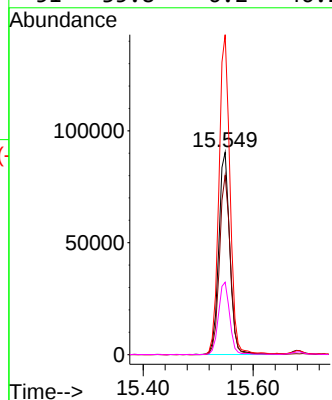
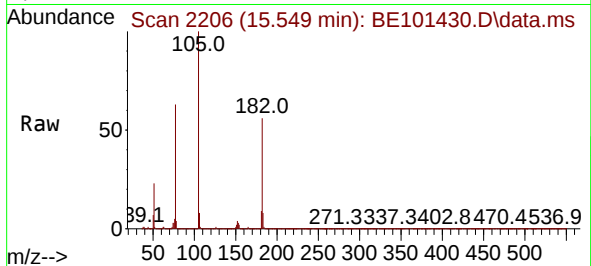




#63  
Azobenzene  
Concen: 7.668 ng  
RT: 15.549 min Scan# 2199  
Delta R.T. 0.041 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

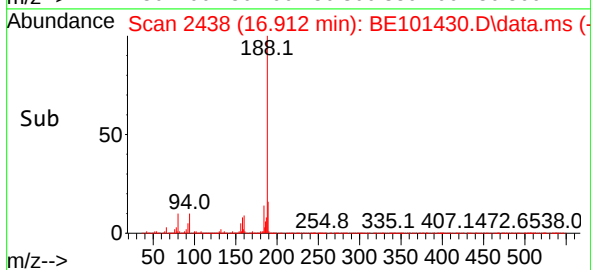
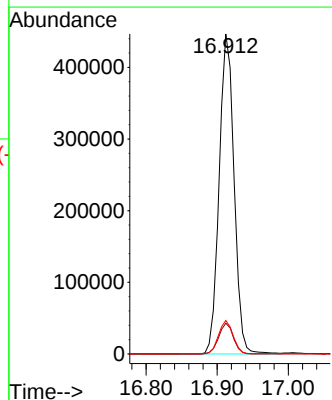
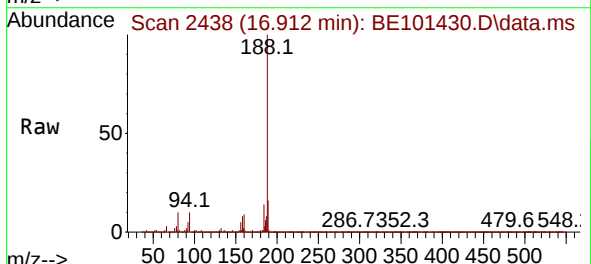
Instrument :  
BNA\_E  
ClientSampleId :  
BP-F10

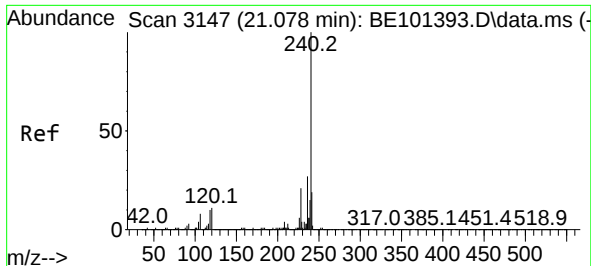
Tgt Ion: 77 Resp: 126056  
Ion Ratio Lower Upper  
77 100  
182 88.6 7.6 47.6#  
105 158.1 3.2 43.2#  
51 35.8 6.2 46.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.912 min Scan# 2438  
Delta R.T. -0.006 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

Tgt Ion:188 Resp: 647880  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.8 11.8  
80 10.4 8.6 12.8

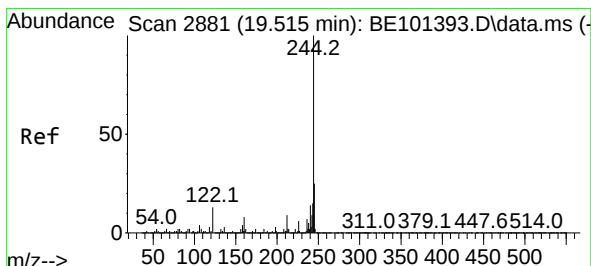
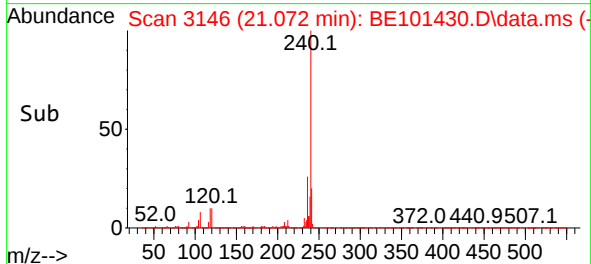
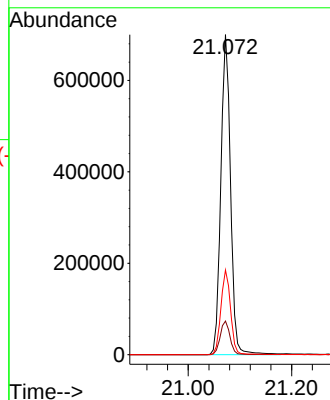
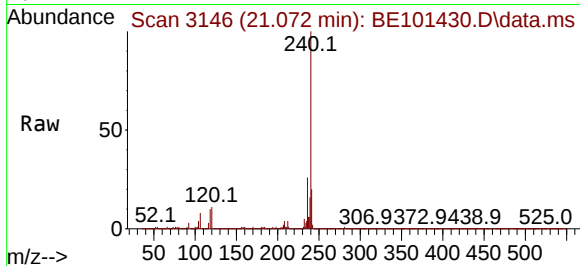




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.072 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

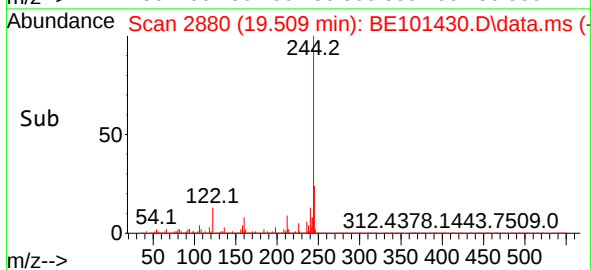
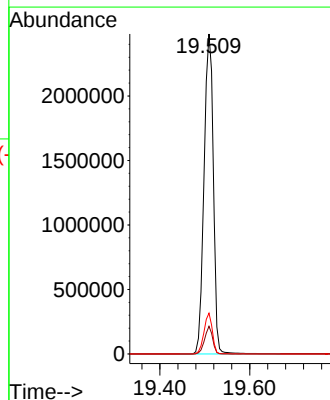
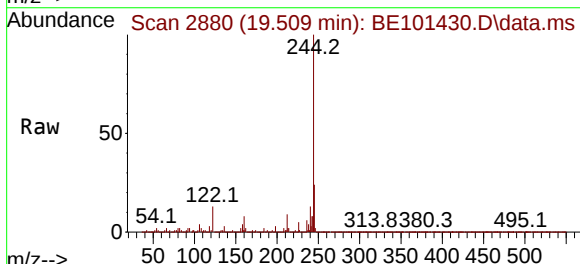
Instrument :  
BNA\_E  
ClientSampleId :  
BP-F10

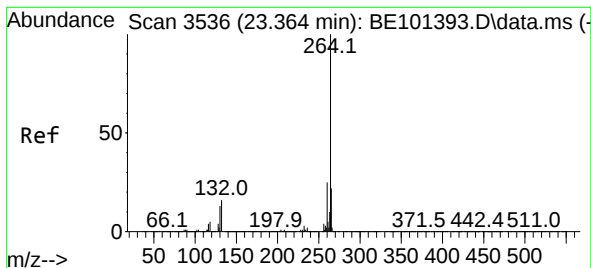
Tgt Ion:240 Resp: 910058  
Ion Ratio Lower Upper  
240 100  
120 10.5 9.0 13.4  
236 26.5 21.4 32.0



#79  
Terphenyl-d14  
Concen: 90.013 ng  
RT: 19.509 min Scan# 2880  
Delta R.T. -0.006 min  
Lab File: BE101430.D  
Acq: 31 Oct 2024 13:26

Tgt Ion:244 Resp: 3559211  
Ion Ratio Lower Upper  
244 100  
212 8.7 7.2 10.8  
122 12.8 10.4 15.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.363 min Scan# 3

Delta R.T. -0.000 min

Lab File: BE101430.D

Acq: 31 Oct 2024 13:26

Instrument :

BNA\_E

ClientSampleId :

BP-F10

Tgt Ion:264 Resp: 1203516

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

265 21.7 17.6 26.4

