

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110624\  
 Data File : BE101514.D  
 Acq On : 7 Nov 2024 2:26  
 Operator : RC/JU  
 Sample : P4680-04  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-F26

Quant Time: Nov 07 02:20:51 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 07 00:01:20 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.557  | 152  | 40600    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.324 | 136  | 164818   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.167 | 164  | 109250   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.905 | 188  | 268649   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.065 | 240  | 412444   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.350 | 264  | 561420   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.313  | 112  | 392043   | 170.739 | ng    | 0.00     |
| 7) Phenol-d6                | 6.940  | 99   | 468128   | 148.697 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.767  | 82   | 289191   | 110.830 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.677 | 330  | 349052   | 169.793 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.792 | 172  | 712737   | 106.522 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.502 | 244  | 2046205  | 109.819 | ng    | 0.00     |

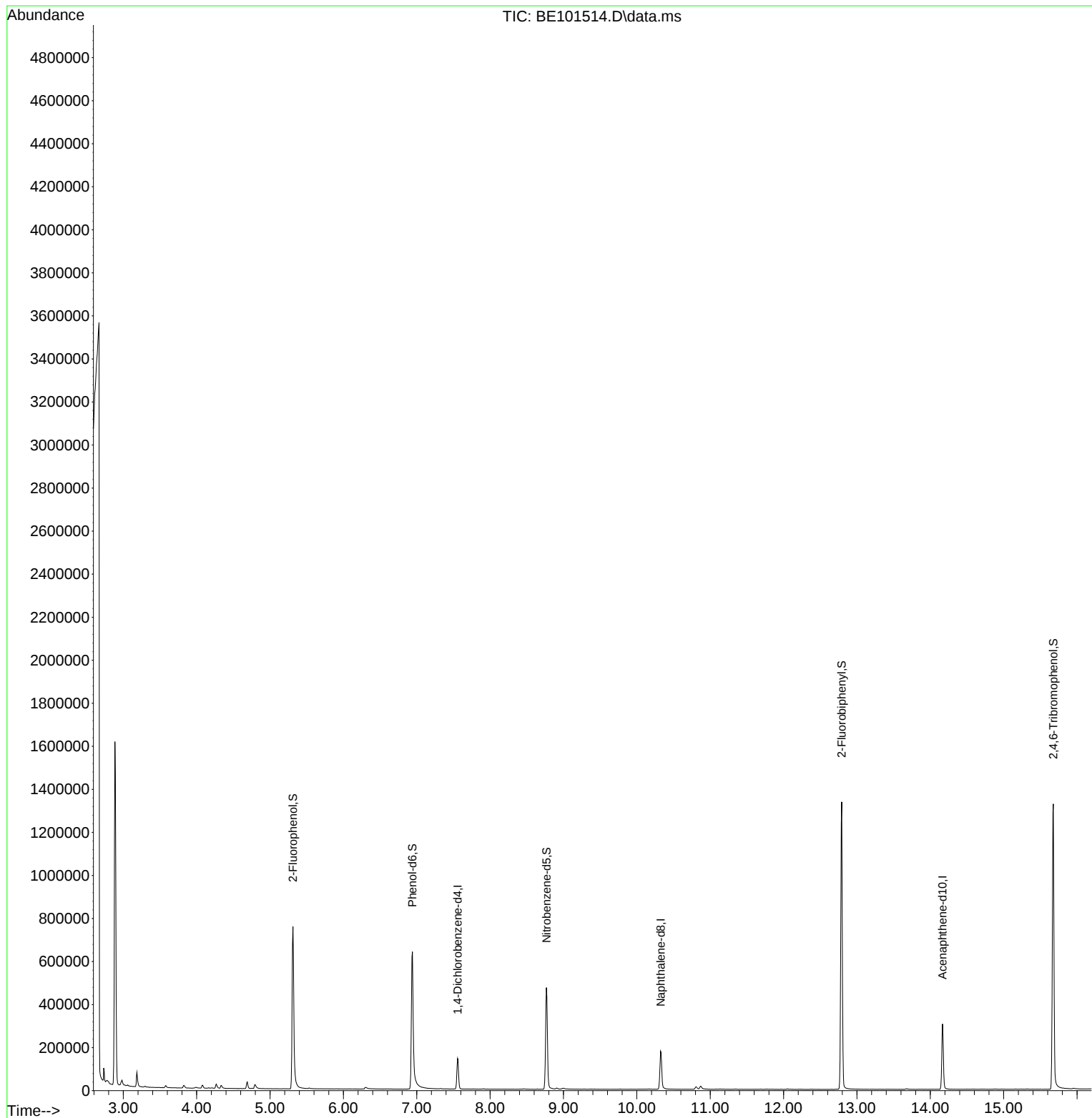
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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ALS Vial : 23 Sample Multiplier: 1

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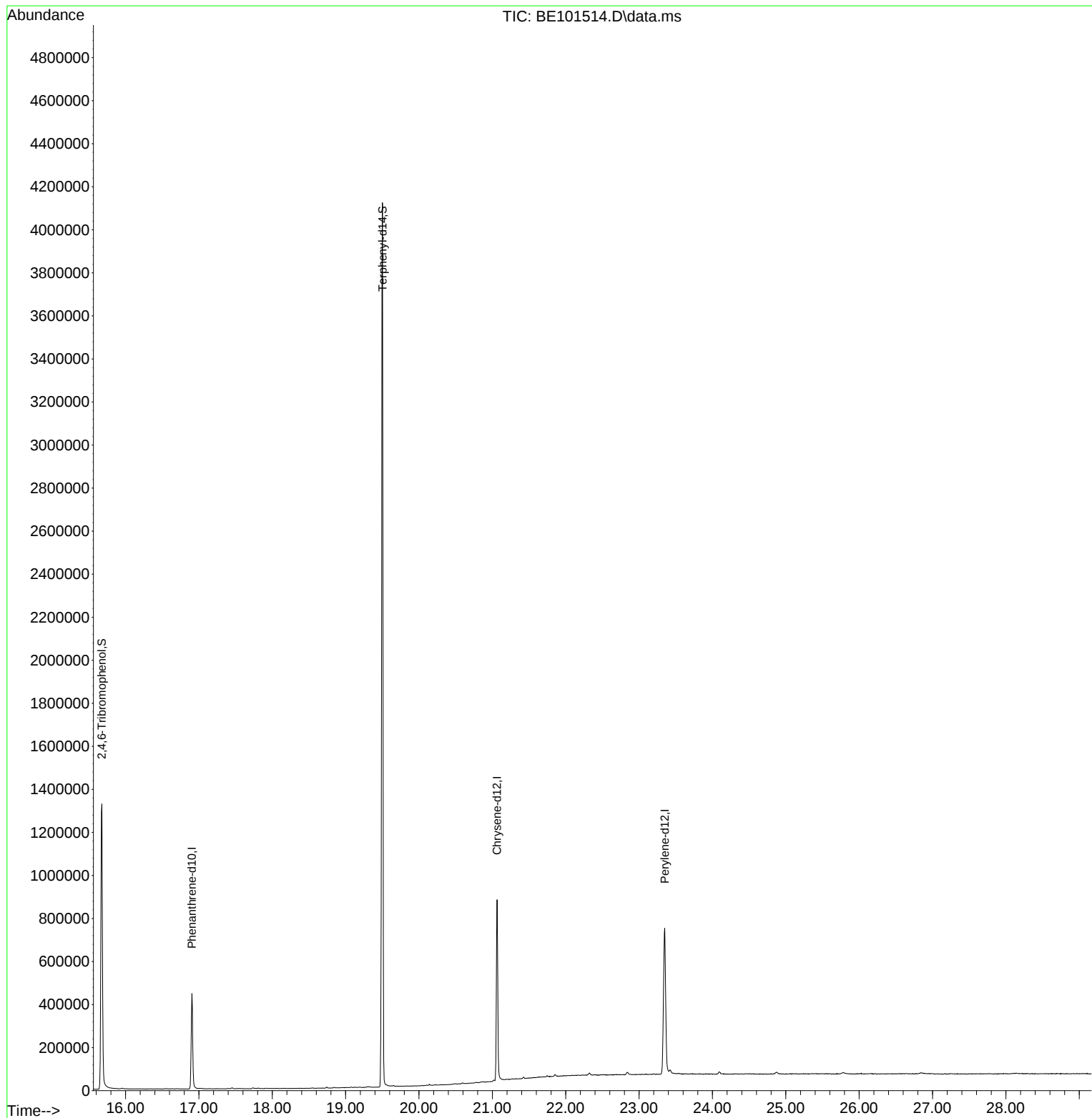
Quant Time: Nov 07 02:20:51 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 07 00:01:20 2024  
Response via : Initial Calibration



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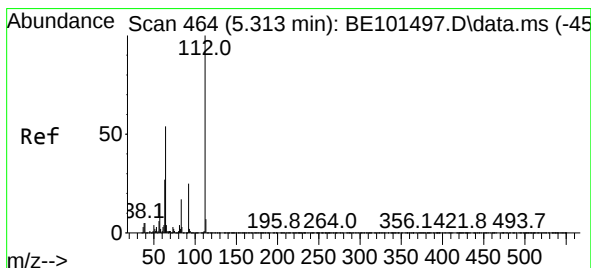
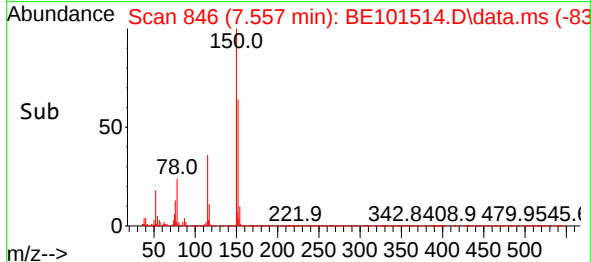
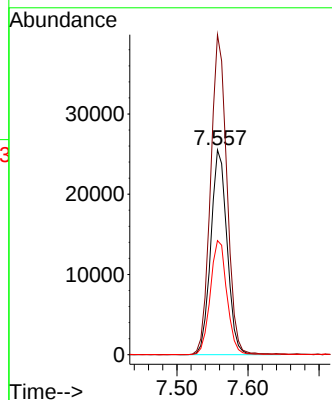
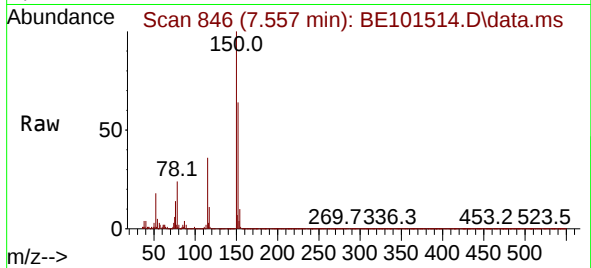




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.557 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

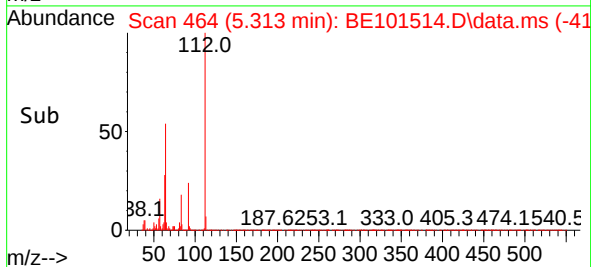
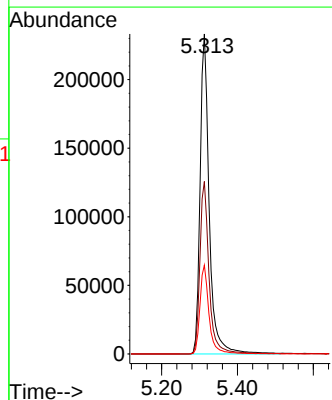
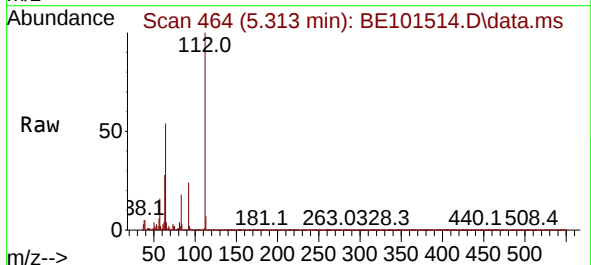
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BNA\_E  
ClientSampleId :  
BP-F26

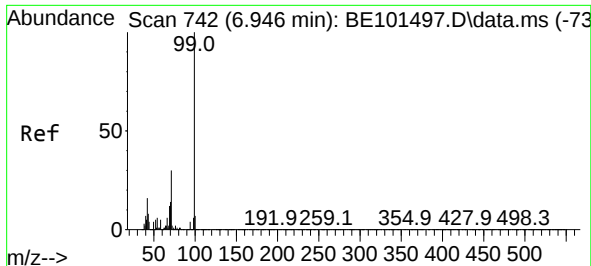
Tgt Ion:152 Resp: 40600  
Ion Ratio Lower Upper  
152 100  
150 156.3 126.3 189.5  
115 55.7 45.0 67.4



#5  
2-Fluorophenol  
Concen: 170.739 ng  
RT: 5.313 min Scan# 464  
Delta R.T. -0.000 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

Tgt Ion:112 Resp: 392043  
Ion Ratio Lower Upper  
112 100  
64 53.9 43.2 64.8  
63 27.8 21.8 32.6

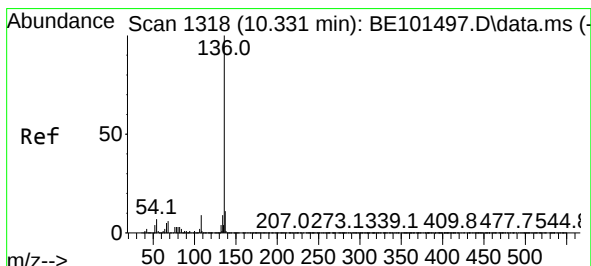
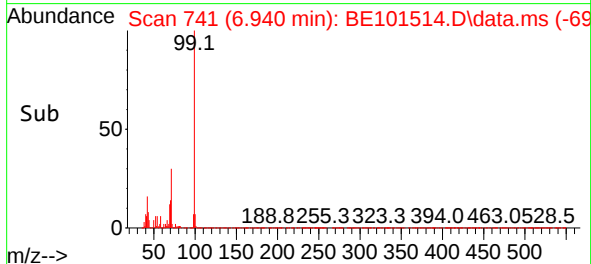
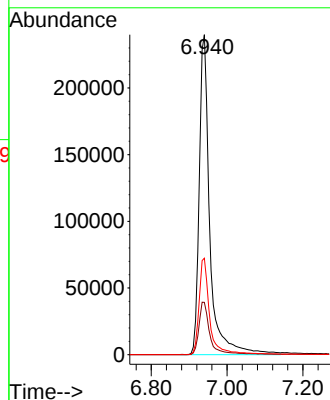
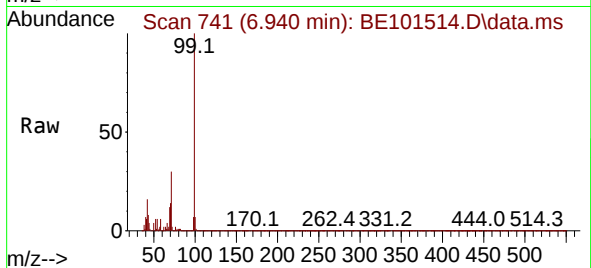




#7  
Phenol-d6  
Concen: 148.697 ng  
RT: 6.940 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

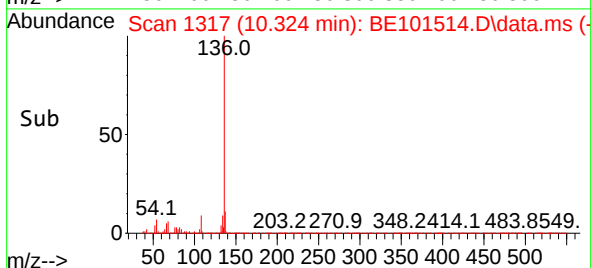
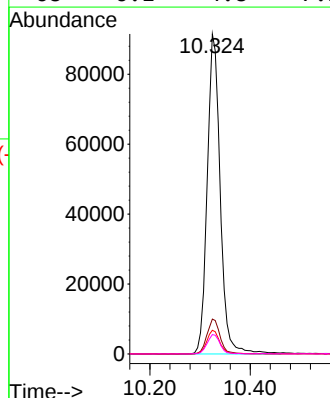
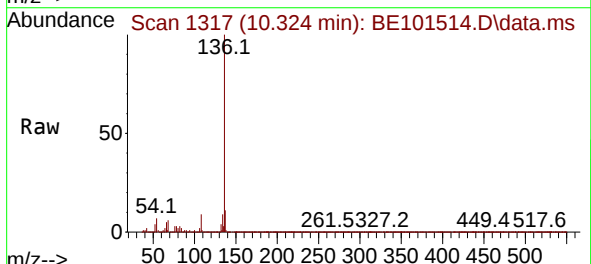
Instrument :  
BNA\_E  
ClientSampleId :  
BP-F26

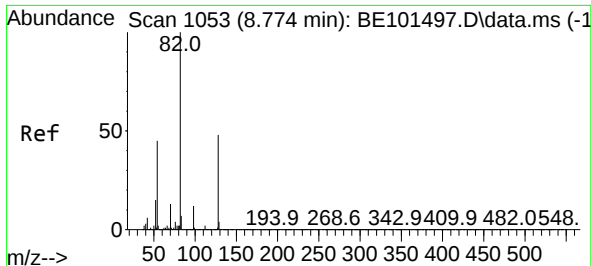
Tgt Ion: 99 Resp: 468128  
Ion Ratio Lower Upper  
99 100  
42 16.4 12.5 18.7  
71 30.1 24.2 36.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.324 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

Tgt Ion: 136 Resp: 164818  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 7.4 5.6 8.4  
68 6.1 4.8 7.2

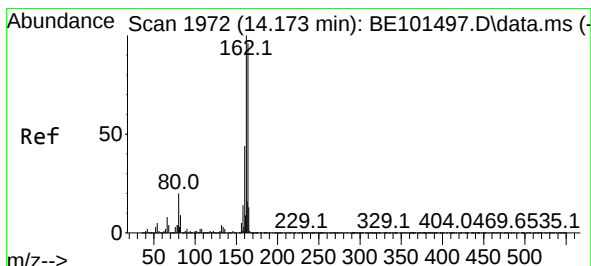
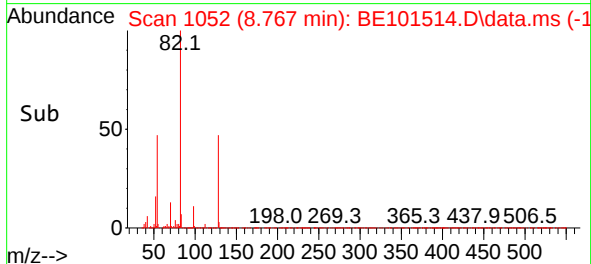
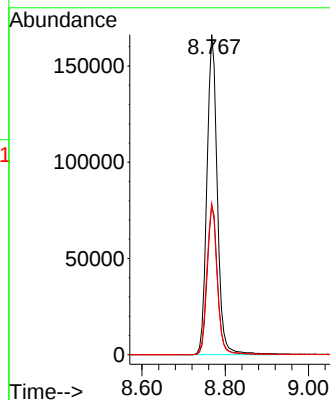
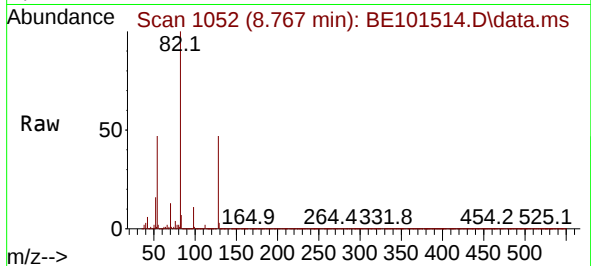




#23  
Nitrobenzene-d5  
Concen: 110.830 ng  
RT: 8.767 min Scan# 1052  
Delta R.T. -0.006 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

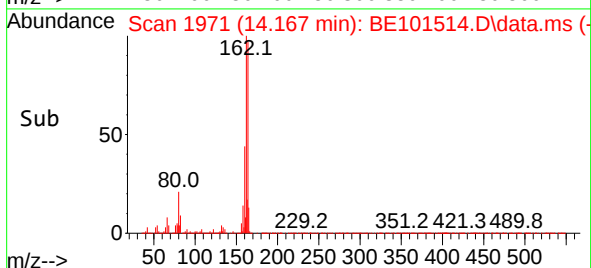
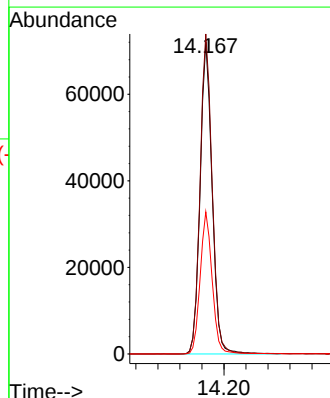
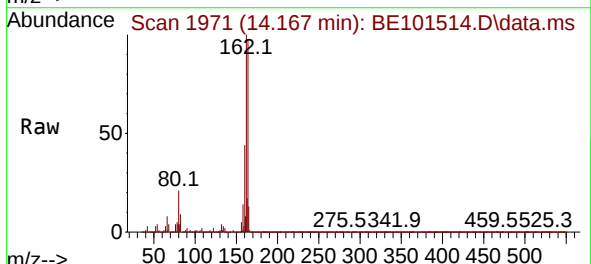
Instrument :  
BNA\_E  
ClientSampleId :  
BP-F26

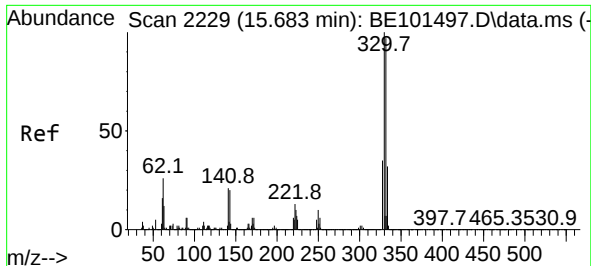
Tgt Ion: 82 Resp: 289191  
Ion Ratio Lower Upper  
82 100  
128 46.6 38.6 58.0  
54 47.2 36.3 54.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.167 min Scan# 1971  
Delta R.T. -0.006 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

Tgt Ion: 164 Resp: 109250  
Ion Ratio Lower Upper  
164 100  
162 102.6 83.7 125.5  
160 45.6 37.1 55.7

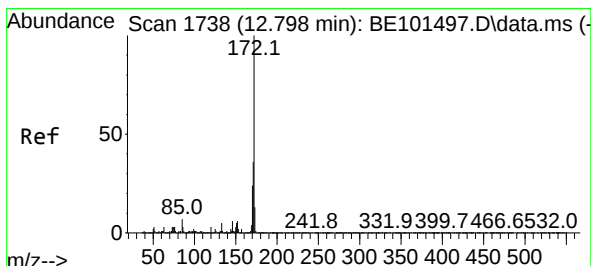
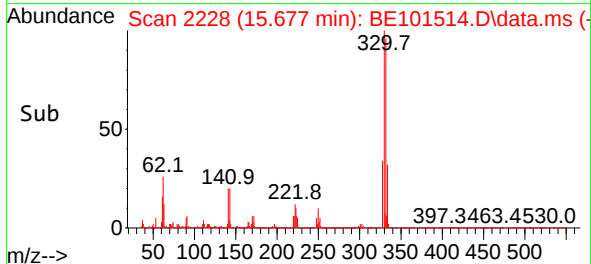
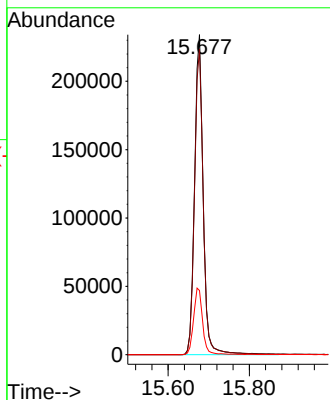
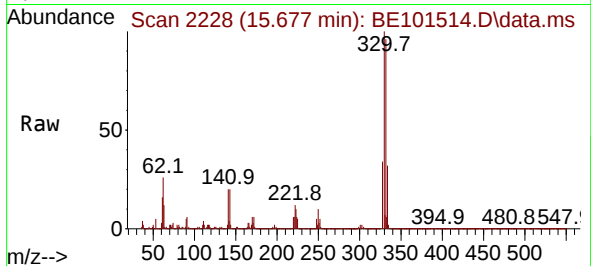




#42  
2,4,6-Tribromophenol  
Concen: 169.793 ng  
RT: 15.677 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

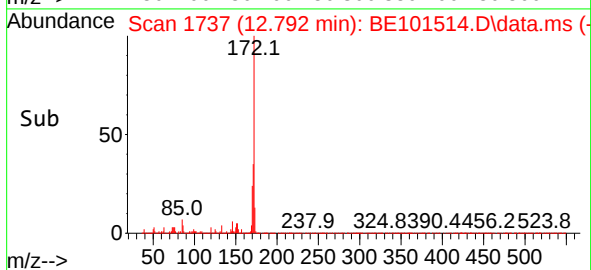
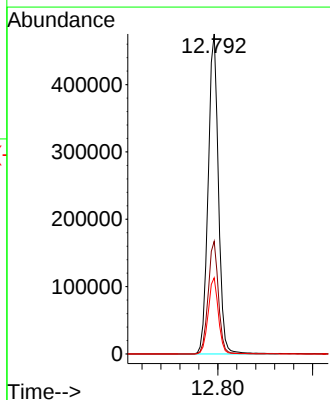
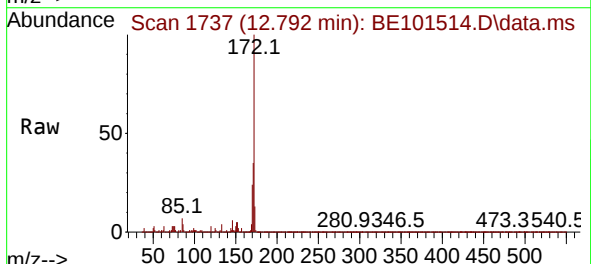
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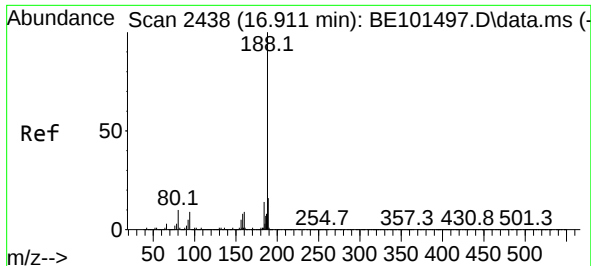
Tgt Ion:330 Resp: 349052  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.7 116.5  
141 21.7 17.0 25.4



#45  
2-Fluorobiphenyl  
Concen: 106.522 ng  
RT: 12.792 min Scan# 1737  
Delta R.T. -0.006 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

Tgt Ion:172 Resp: 712737  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.6 43.0  
170 23.8 18.9 28.3

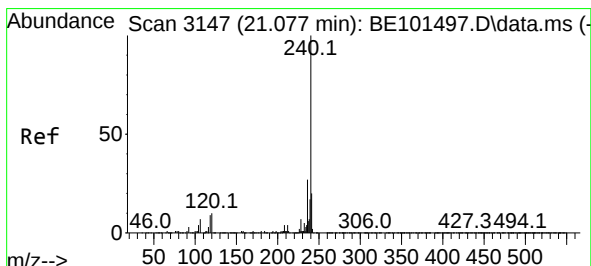
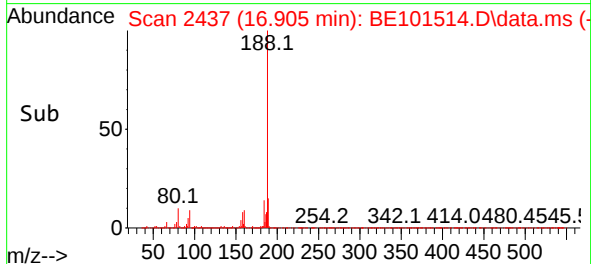
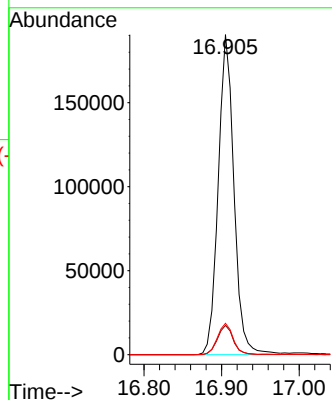
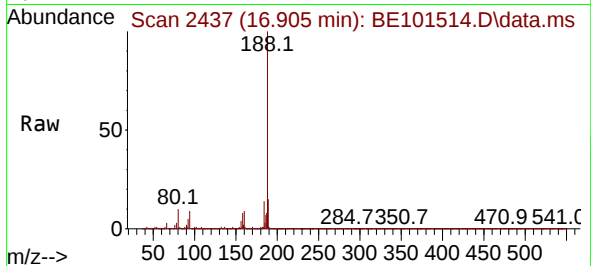




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.905 min Scan# 2438  
Delta R.T. -0.006 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

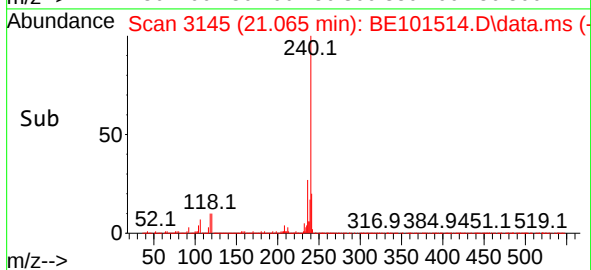
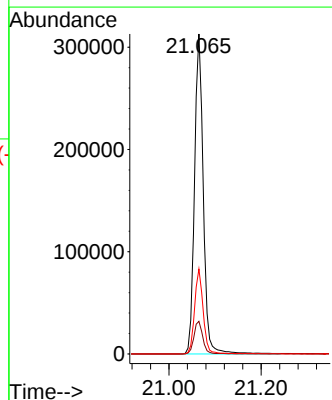
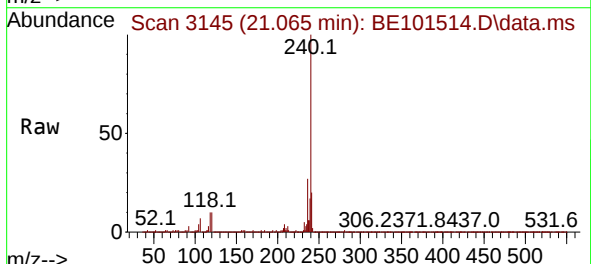
Instrument :  
BNA\_E  
ClientSampleId :  
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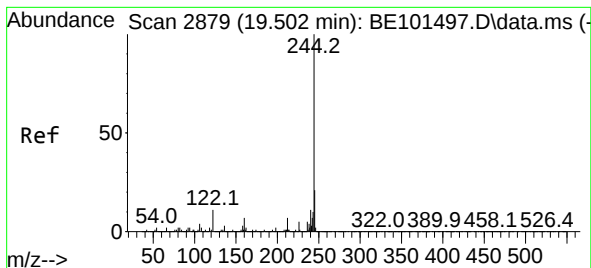
Tgt Ion:188 Resp: 268649  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.4 11.2  
80 9.8 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.065 min Scan# 3145  
Delta R.T. -0.012 min  
Lab File: BE101514.D  
Acq: 7 Nov 2024 2:26

Tgt Ion:240 Resp: 412444  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.2 12.4  
236 26.5 21.4 32.2





#79

Terphenyl-d14

Concen: 109.819 ng

RT: 19.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: BE101514.D

Acq: 7 Nov 2024 2:26

Instrument :

BNA\_E

ClientSampleId :

BP-F26

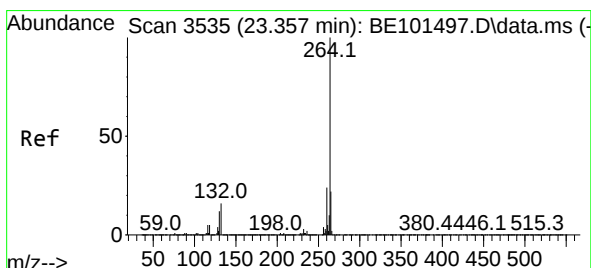
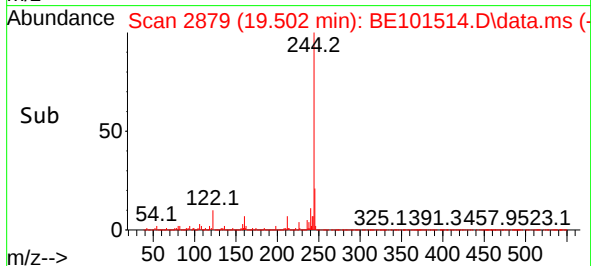
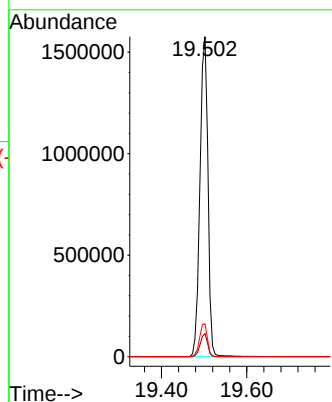
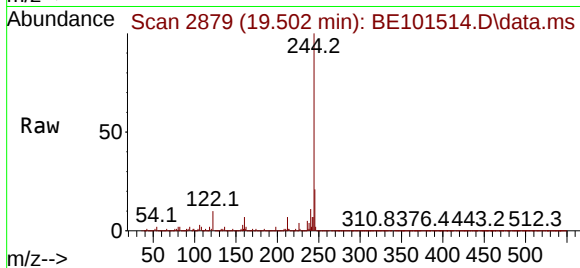
Tgt Ion:244 Resp: 2046205

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.2 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.350 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BE101514.D

Acq: 7 Nov 2024 2:26

Tgt Ion:264 Resp: 561420

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.2 17.4 26.2

