

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE111124\  
 Data File : BE101573.D  
 Acq On : 11 Nov 2024 15:44  
 Operator : RC/JU  
 Sample : P4796-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 TP-2

Quant Time: Nov 11 15:30:56 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   | 7.553  | 152  | 38658    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.320 | 136  | 171044   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.163 | 164  | 119826   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 16.901 | 188  | 300796   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.067 | 240  | 357658   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.346 | 264  | 456756   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.303  | 112  | 256148   | 117.159 | ng    | -0.01    |
| 7) Phenol-d6                | 6.936  | 99   | 327295   | 109.185 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.763  | 82   | 193032   | 71.285  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.673 | 330  | 252304   | 111.898 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.788 | 172  | 539695   | 73.541  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.498 | 244  | 1392740  | 86.197  | ng    | 0.00     |

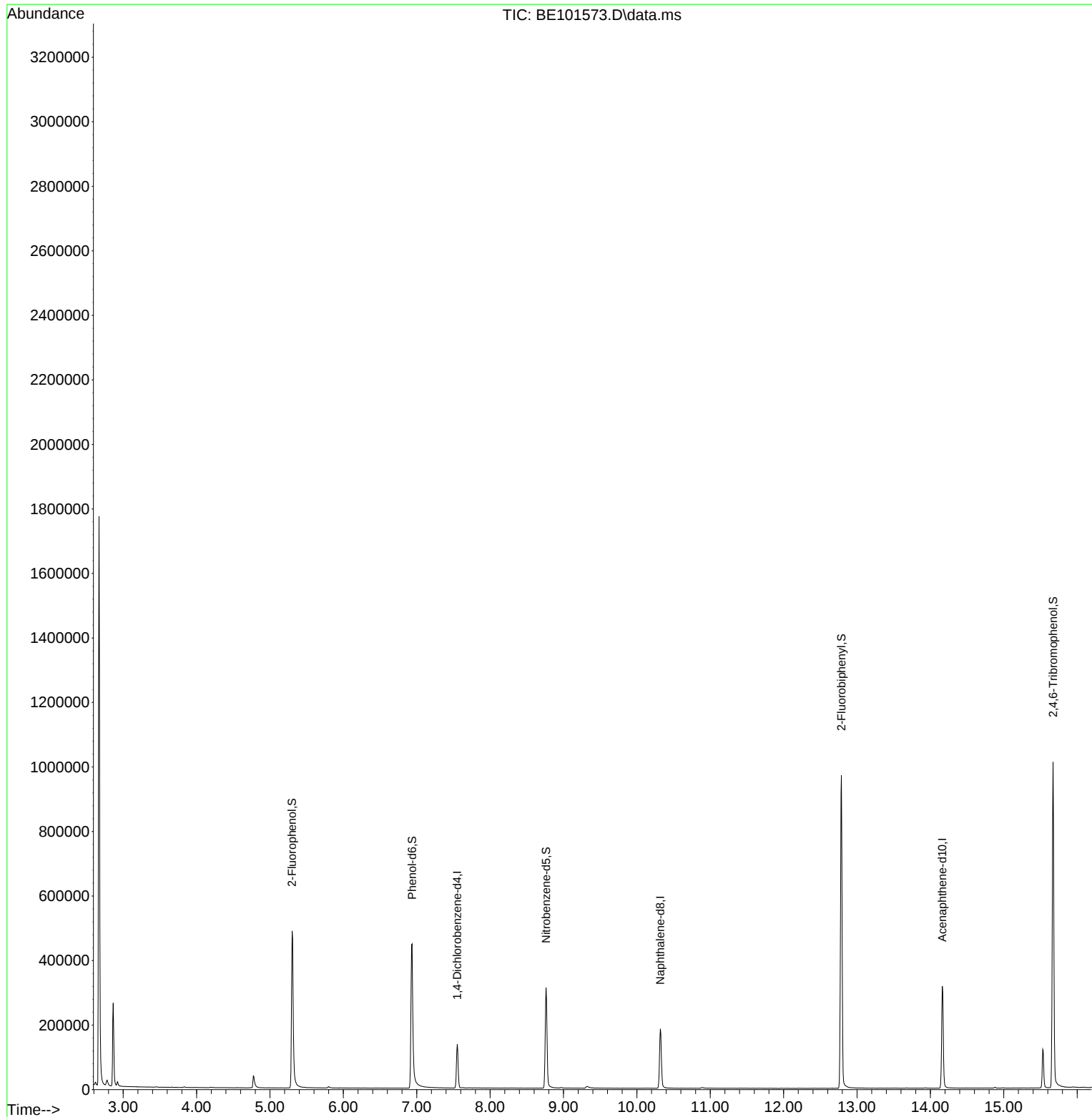
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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ALS Vial : 11 Sample Multiplier: 1

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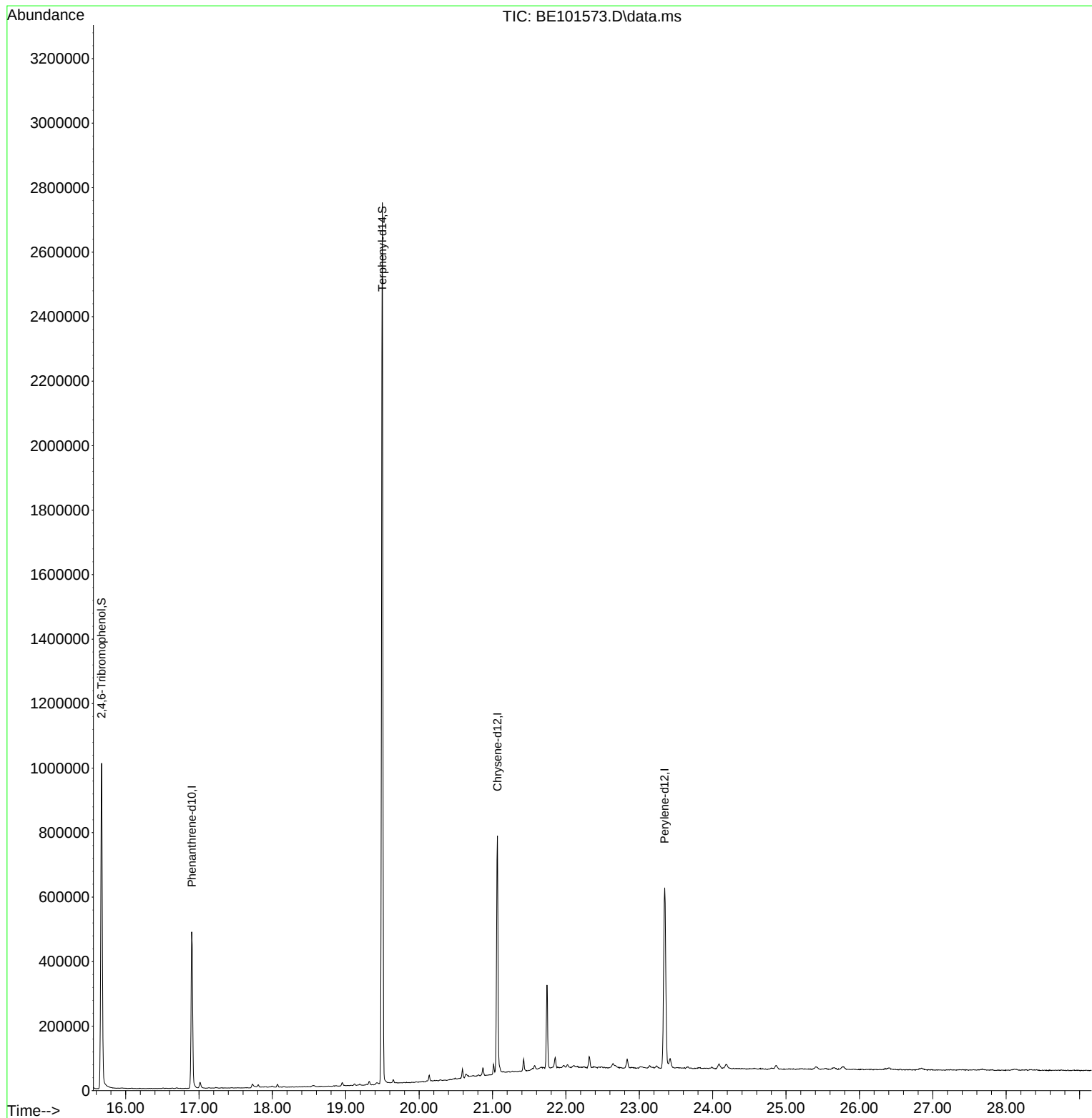
Quant Time: Nov 11 15:30:56 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 07 00:01:20 2024  
Response via : Initial Calibration

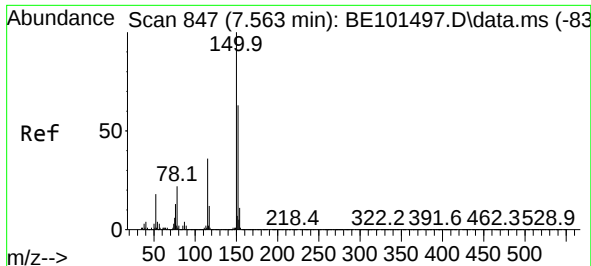


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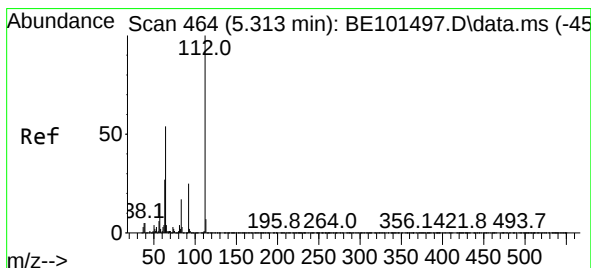
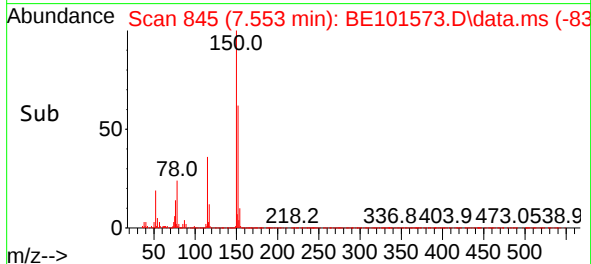
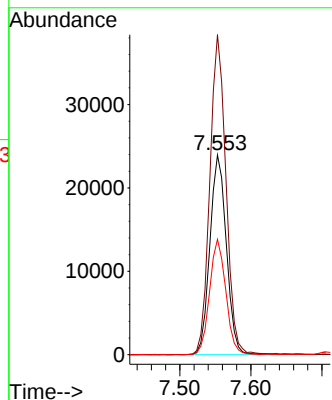
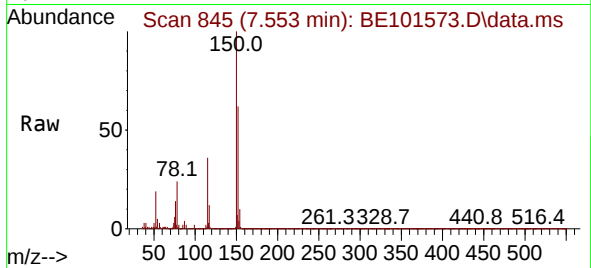




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.553 min Scan# 84  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

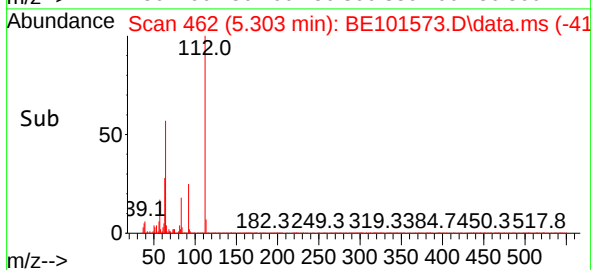
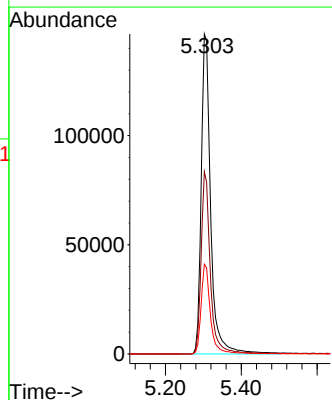
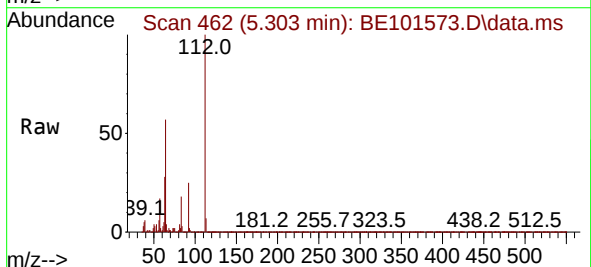
Instrument :  
BNA\_E  
ClientSampleId :  
TP-2

Tgt Ion:152 Resp: 38658  
Ion Ratio Lower Upper  
152 100  
150 160.3 126.3 189.5  
115 57.8 45.0 67.4



#5  
2-Fluorophenol  
Concen: 117.159 ng  
RT: 5.303 min Scan# 462  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

Tgt Ion:112 Resp: 256148  
Ion Ratio Lower Upper  
112 100  
64 57.0 43.2 64.8  
63 28.1 21.8 32.6

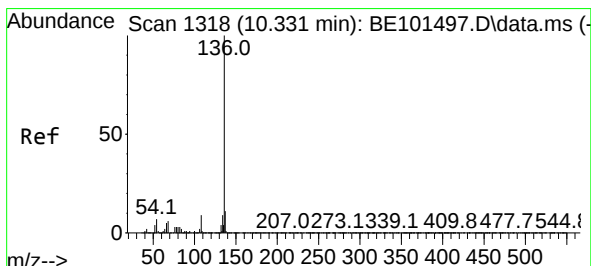
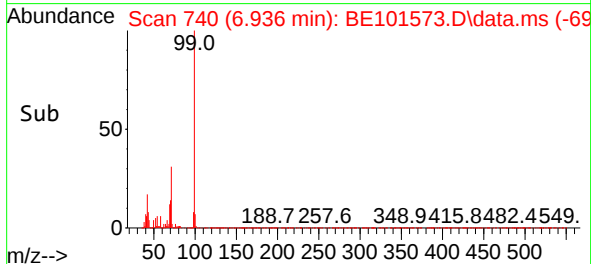
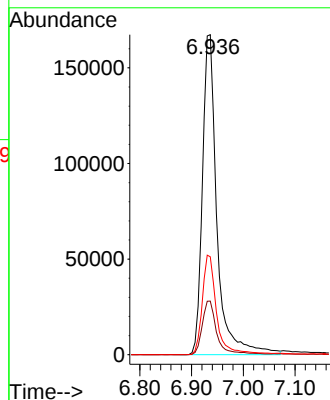
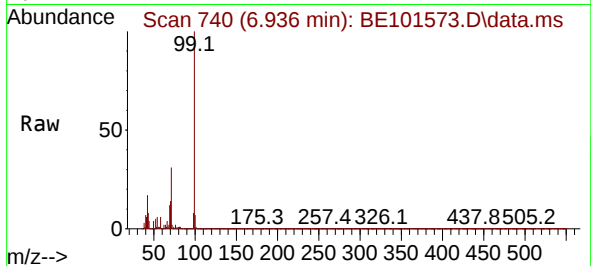




#7  
Phenol-d6  
Concen: 109.185 ng  
RT: 6.936 min Scan# 742  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

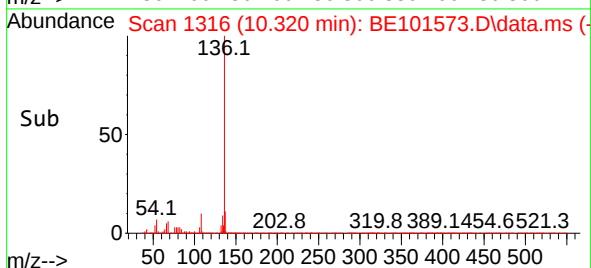
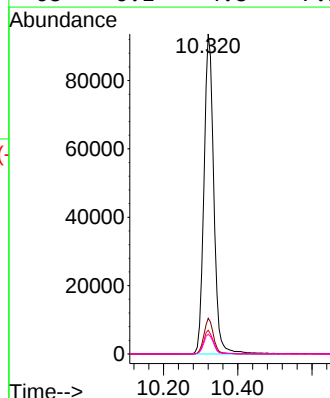
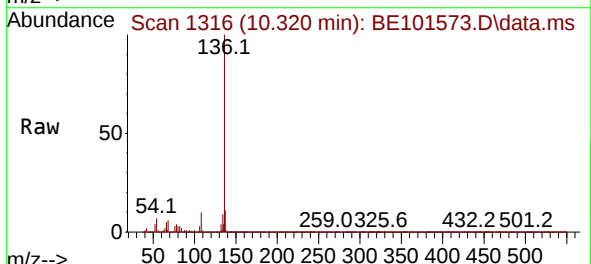
Instrument :  
BNA\_E  
ClientSampleId :  
TP-2

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 327295 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 16.8  | 12.5  | 18.7   |
| 71       | 30.6  | 24.2  | 36.2   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.320 min Scan# 1316  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 171044 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.6   | 13.0   |
| 54       | 7.4   | 5.6   | 8.4    |
| 68       | 6.1   | 4.8   | 7.2    |

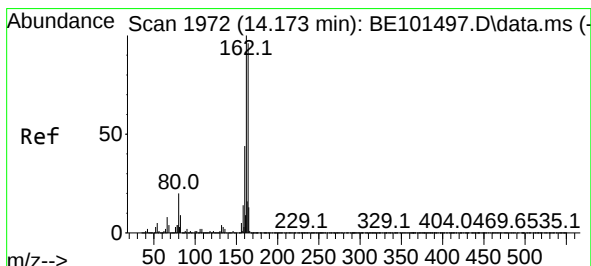
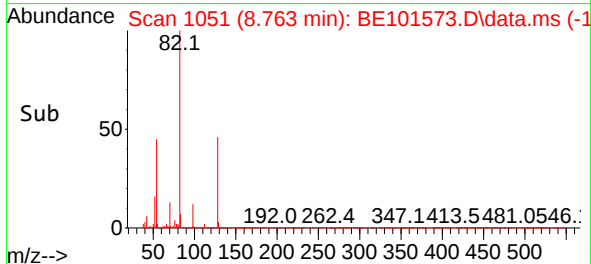
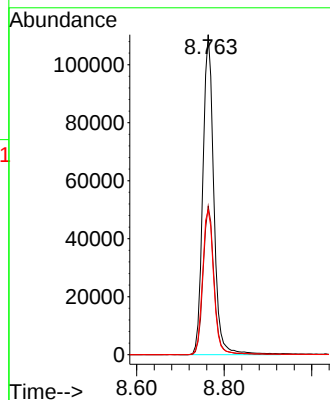
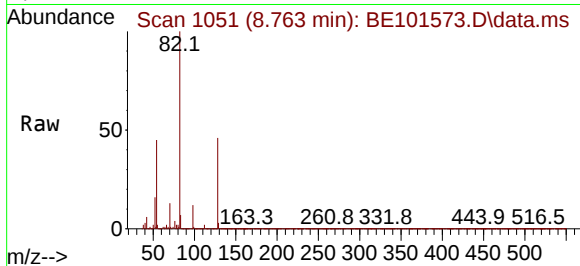




#23  
Nitrobenzene-d5  
Concen: 71.285 ng  
RT: 8.763 min Scan# 1051  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

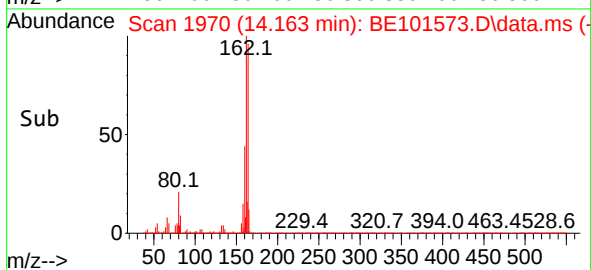
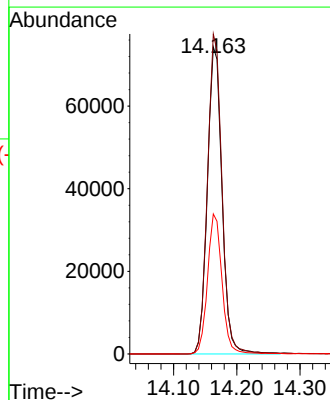
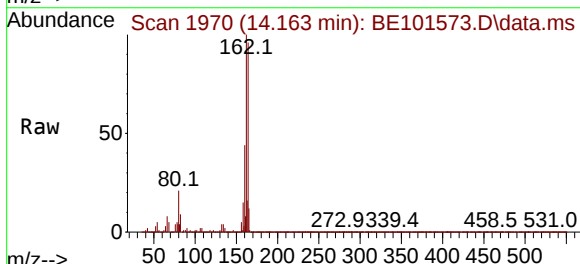
Instrument :  
BNA\_E  
ClientSampleId :  
TP-2

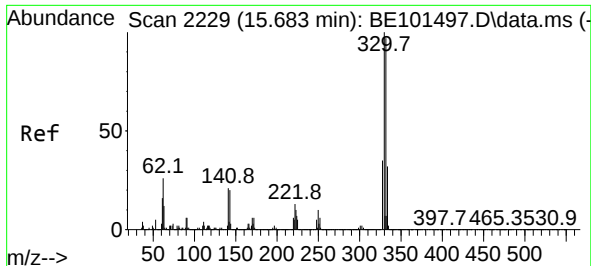
Tgt Ion: 82 Resp: 193032  
Ion Ratio Lower Upper  
82 100  
128 46.4 38.6 58.0  
54 45.1 36.3 54.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.163 min Scan# 1970  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

Tgt Ion: 164 Resp: 119826  
Ion Ratio Lower Upper  
164 100  
162 104.2 83.7 125.5  
160 45.6 37.1 55.7

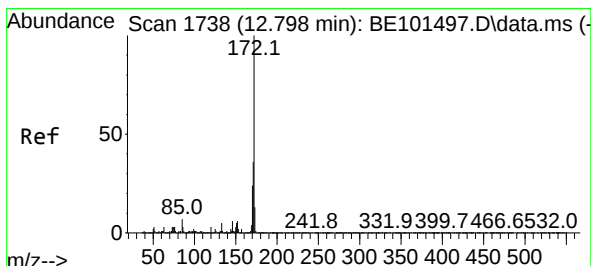
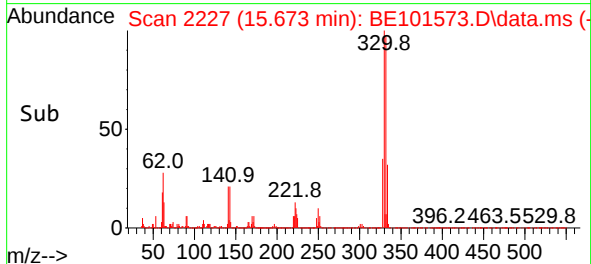
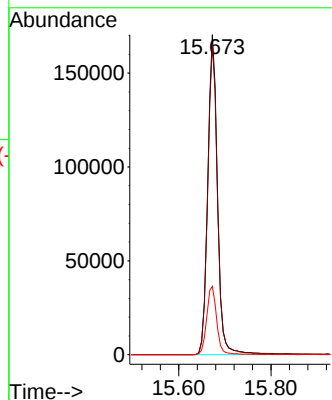
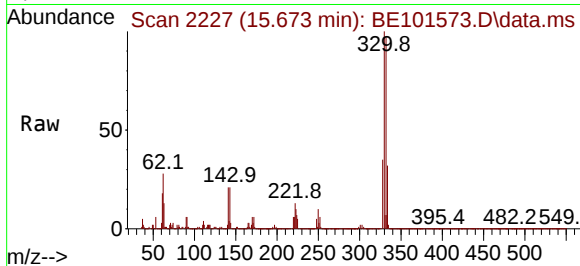




#42  
2,4,6-Tribromophenol  
Concen: 111.898 ng  
RT: 15.673 min Scan# 21  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

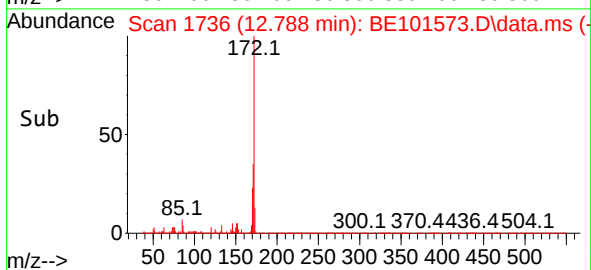
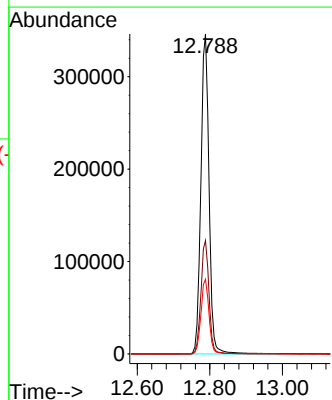
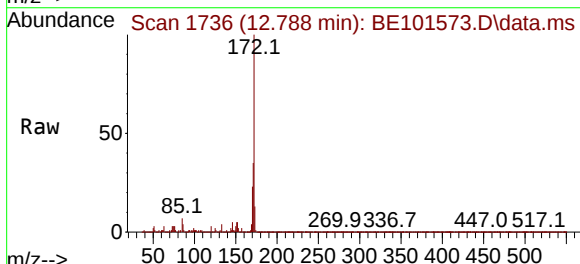
Instrument :  
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ClientSampleId :  
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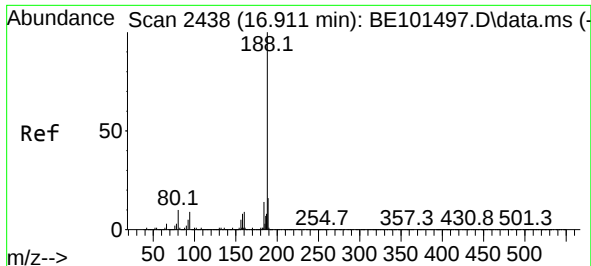
Tgt Ion: 330 Resp: 252304  
Ion Ratio Lower Upper  
330 100  
332 98.1 77.7 116.5  
141 22.1 17.0 25.4



#45  
2-Fluorobiphenyl  
Concen: 73.541 ng  
RT: 12.788 min Scan# 1736  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

Tgt Ion: 172 Resp: 539695  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 43.0  
170 23.3 18.9 28.3

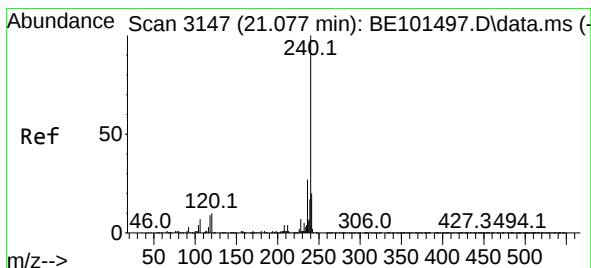
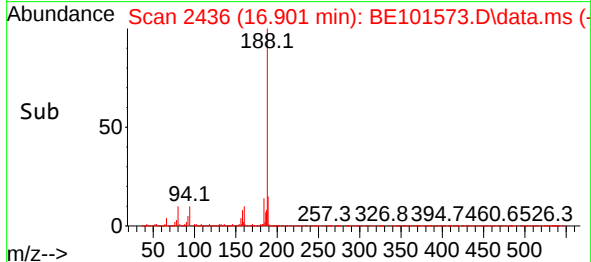
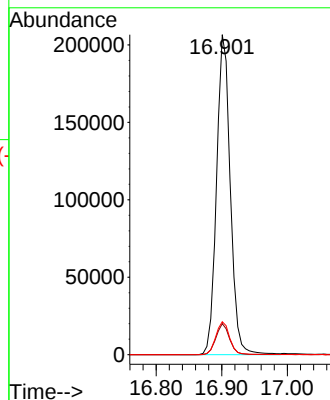
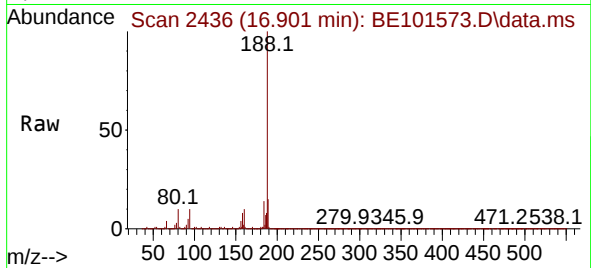




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.901 min Scan# 2436  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

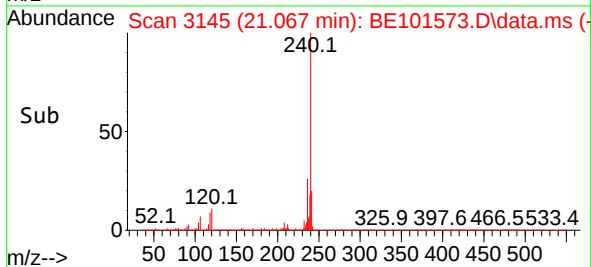
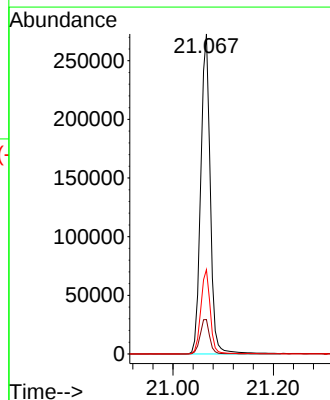
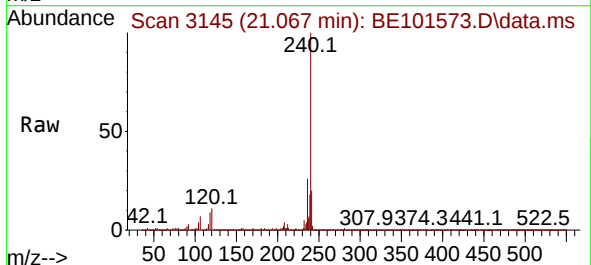
Instrument :  
BNA\_E  
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TP-2

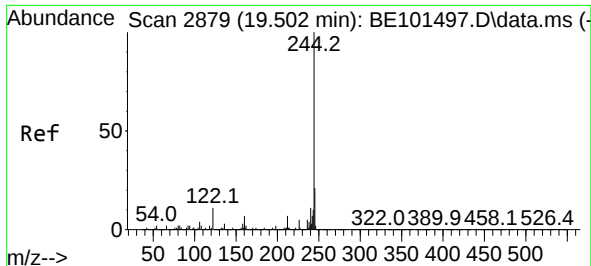
Tgt Ion:188 Resp: 300796  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.2  
80 10.3 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.067 min Scan# 3145  
Delta R.T. -0.010 min  
Lab File: BE101573.D  
Acq: 11 Nov 2024 15:44

Tgt Ion:240 Resp: 357658  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.2 12.4  
236 26.3 21.4 32.2

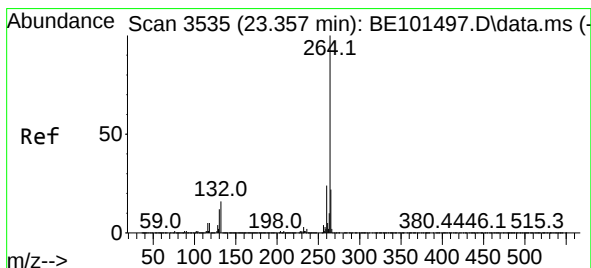
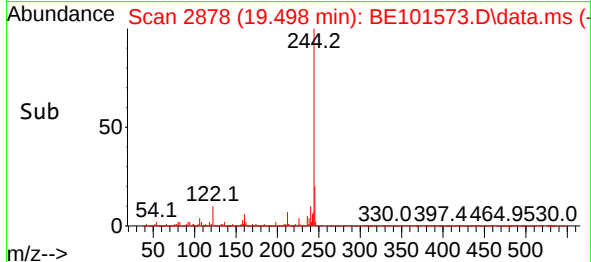
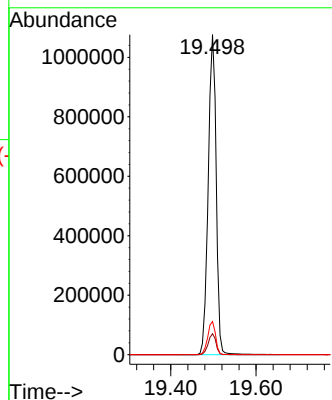
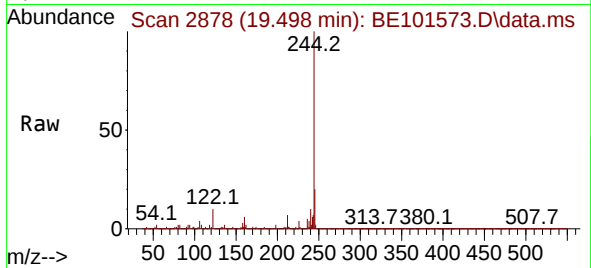




#79  
 Terphenyl-d14  
 Concen: 86.197 ng  
 RT: 19.498 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BE101573.D  
 Acq: 11 Nov 2024 15:44

Instrument :  
 BNA\_E  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1392740  
 Ion Ratio Lower Upper  
 244 100  
 212 6.6 5.8 8.8  
 122 10.3 8.4 12.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.346 min Scan# 3533  
 Delta R.T. -0.010 min  
 Lab File: BE101573.D  
 Acq: 11 Nov 2024 15:44

Tgt Ion:264 Resp: 456756  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.4 29.2  
 265 21.9 17.4 26.2

