

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110724\  
 Data File : BE101527.D  
 Acq On : 7 Nov 2024 12:38  
 Operator : RC/JU  
 Sample : PB164662TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 PB164662TB

Quant Time: Nov 07 12:28:51 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   | 7.564  | 152  | 53427    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.331 | 136  | 209075   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.174 | 164  | 125183   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 16.912 | 188  | 279160   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.072 | 240  | 351169   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.357 | 264  | 469581   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.319  | 112  | 520211   | 172.165 | ng    | 0.00     |
| 7) Phenol-d6                | 6.947  | 99   | 625288   | 150.933 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.774  | 82   | 377263   | 113.977 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.684 | 330  | 376554   | 159.857 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.793 | 172  | 900559   | 117.463 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.503 | 244  | 1758638  | 110.854 | ng    | 0.00     |

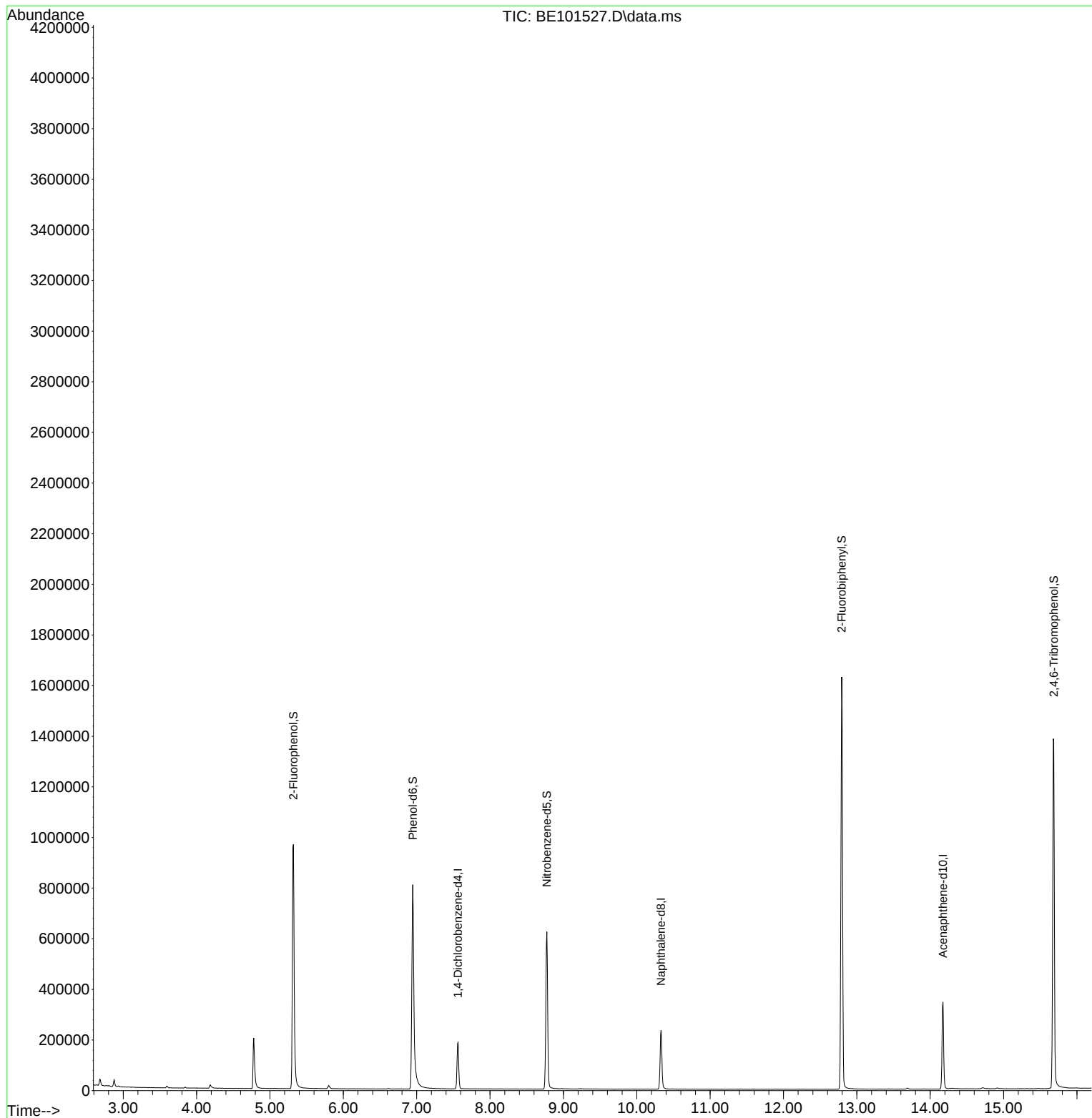
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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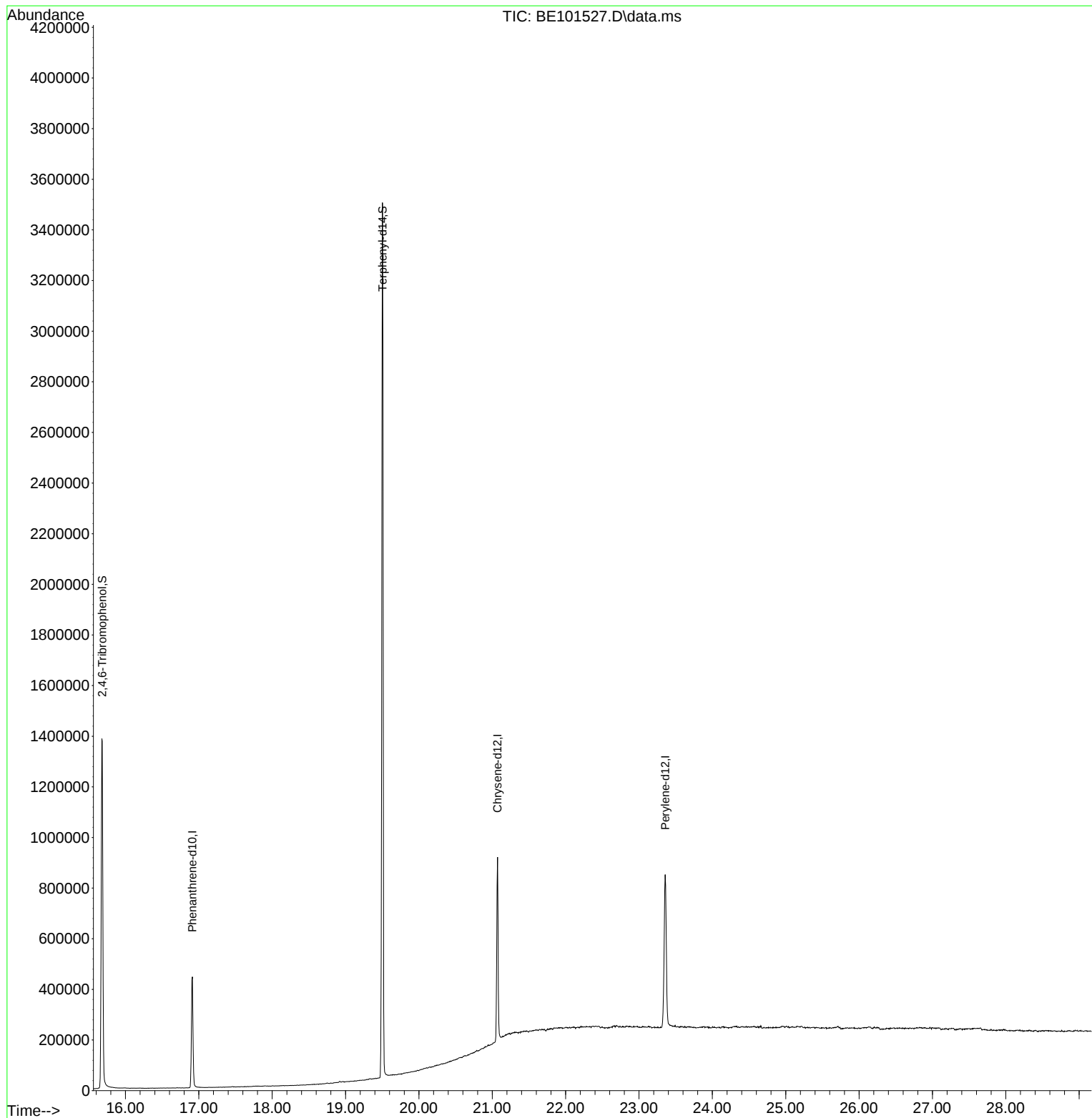
Quant Time: Nov 07 12:28:51 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 07 00:01:20 2024  
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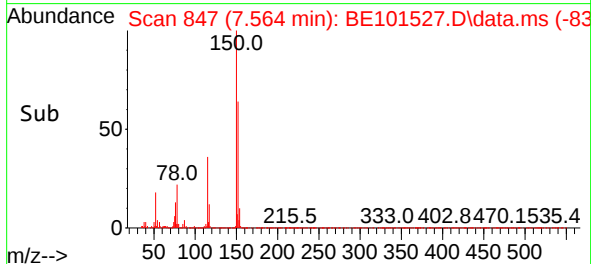
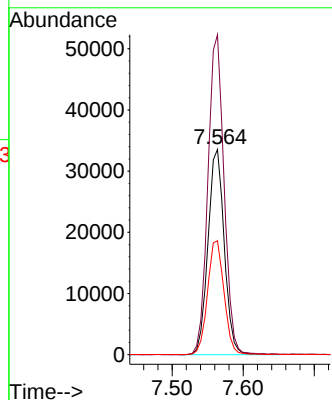
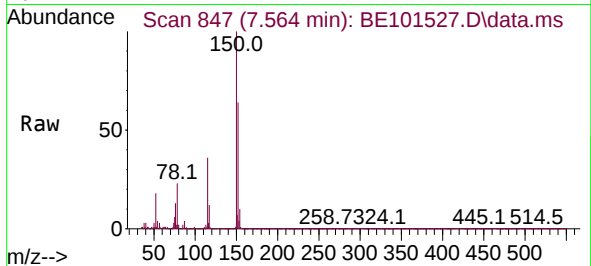




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.564 min Scan# 84  
Delta R.T. 0.001 min  
Lab File: BE101527.D  
Acq: 7 Nov 2024 12:38

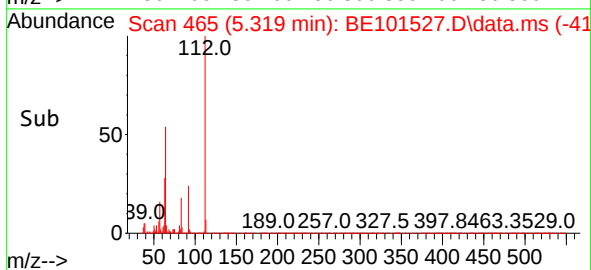
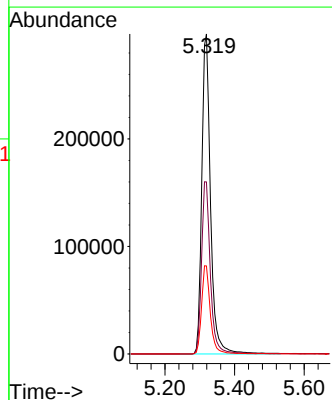
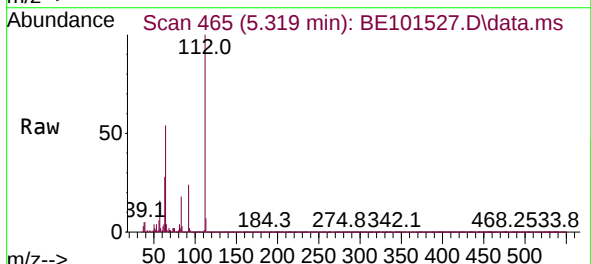
Instrument :  
BNA\_E  
ClientSampleId :  
PB164662TB

Tgt Ion:152 Resp: 53427  
Ion Ratio Lower Upper  
152 100  
150 155.9 126.3 189.5  
115 55.5 45.0 67.4



#5  
2-Fluorophenol  
Concen: 172.165 ng  
RT: 5.319 min Scan# 465  
Delta R.T. 0.006 min  
Lab File: BE101527.D  
Acq: 7 Nov 2024 12:38

Tgt Ion:112 Resp: 520211  
Ion Ratio Lower Upper  
112 100  
64 53.8 43.2 64.8  
63 27.5 21.8 32.6



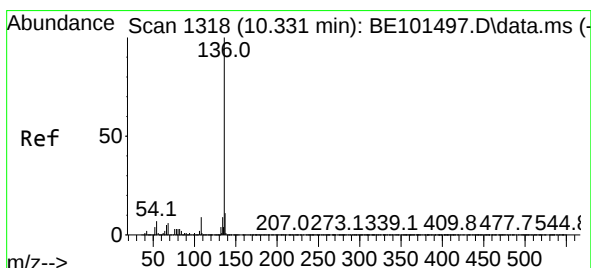
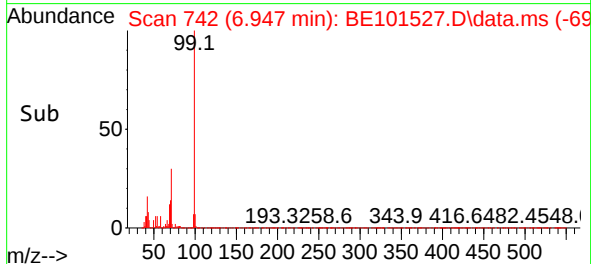
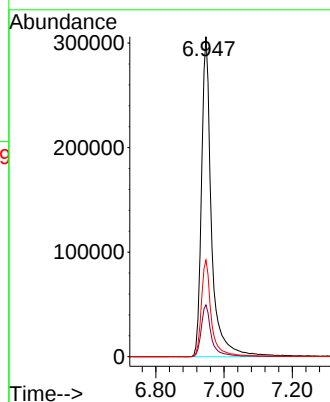
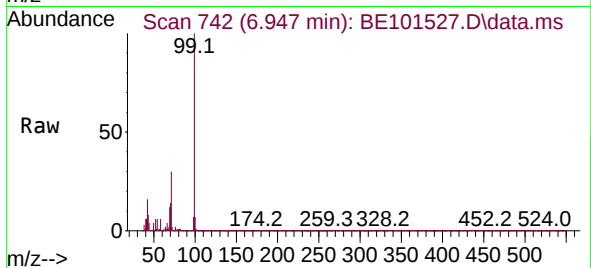


#7  
Phenol-d6  
Concen: 150.933 ng  
RT: 6.947 min Scan# 742  
Delta R.T. 0.001 min  
Lab File: BE101527.D  
Acq: 7 Nov 2024 12:38

Instrument :  
BNA\_E  
ClientSampleId :  
PB164662TB

Tgt Ion: 99 Resp: 625288

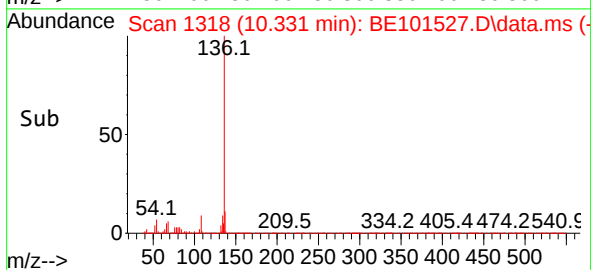
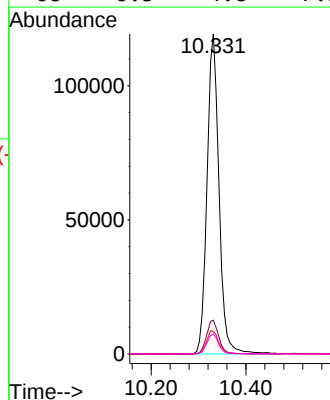
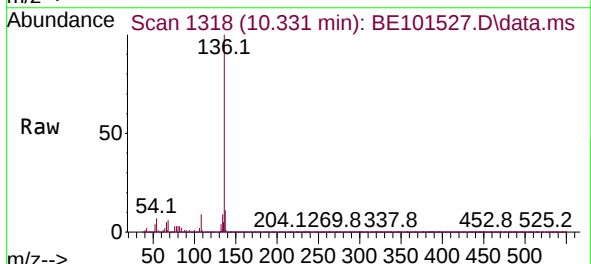
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.2  | 12.5  | 18.7  |
| 71  | 30.2  | 24.2  | 36.2  |

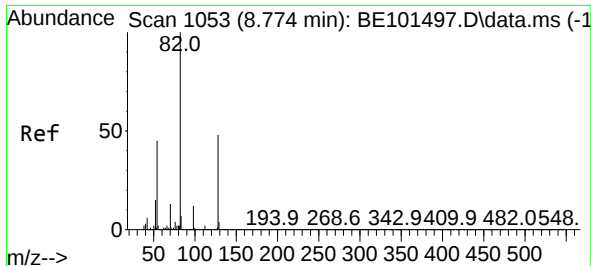


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.331 min Scan# 1318  
Delta R.T. 0.001 min  
Lab File: BE101527.D  
Acq: 7 Nov 2024 12:38

Tgt Ion: 136 Resp: 209075

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.6   | 13.0  |
| 54  | 7.0   | 5.6   | 8.4   |
| 68  | 6.3   | 4.8   | 7.2   |

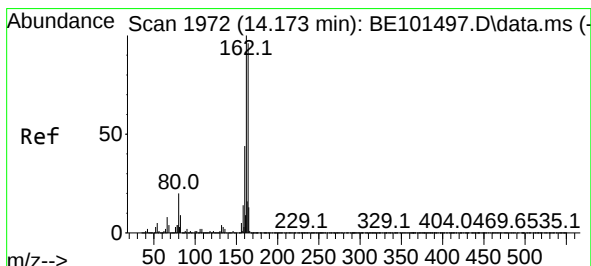
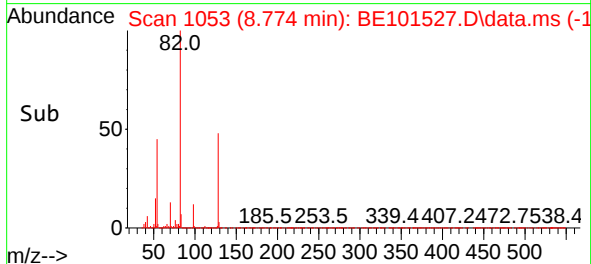
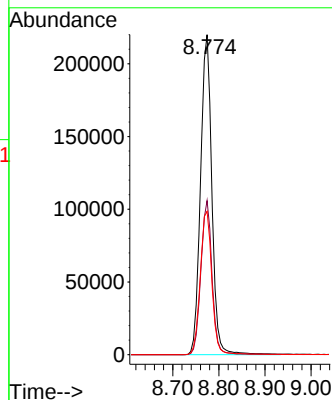
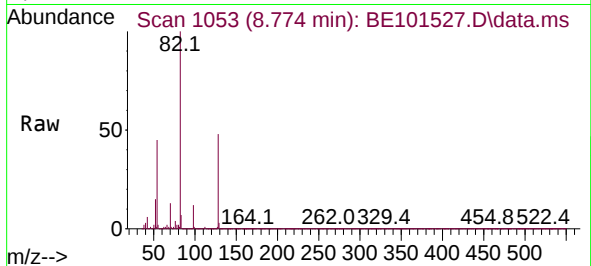




#23  
Nitrobenzene-d5  
Concen: 113.977 ng  
RT: 8.774 min Scan# 1053  
Delta R.T. 0.001 min  
Lab File: BE101527.D  
Acq: 7 Nov 2024 12:38

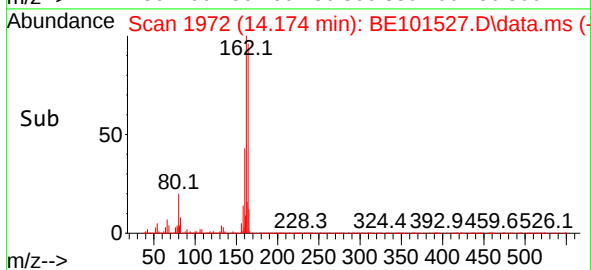
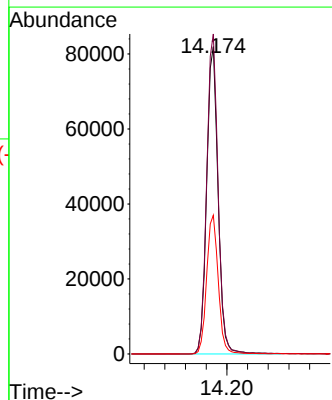
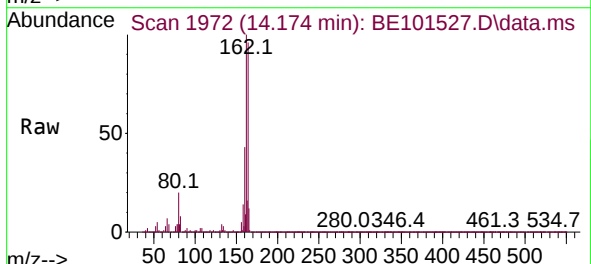
Instrument :  
BNA\_E  
ClientSampleId :  
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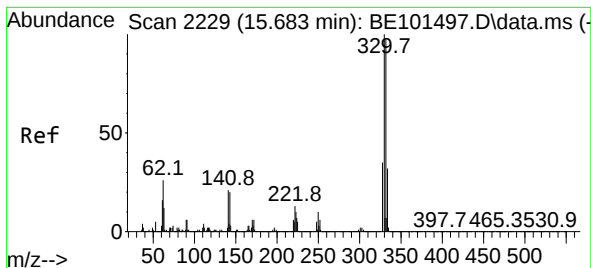
Tgt Ion: 82 Resp: 377263  
Ion Ratio Lower Upper  
82 100  
128 48.1 38.6 58.0  
54 44.8 36.3 54.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.174 min Scan# 1972  
Delta R.T. 0.001 min  
Lab File: BE101527.D  
Acq: 7 Nov 2024 12:38

Tgt Ion: 164 Resp: 125183  
Ion Ratio Lower Upper  
164 100  
162 104.1 83.7 125.5  
160 45.1 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 159.857 ng

RT: 15.684 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101527.D

Acq: 7 Nov 2024 12:38

Instrument :

BNA\_E

ClientSampleId :

PB164662TB

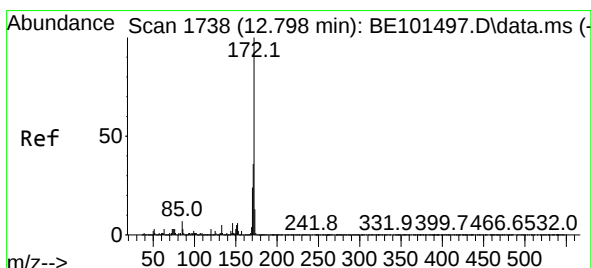
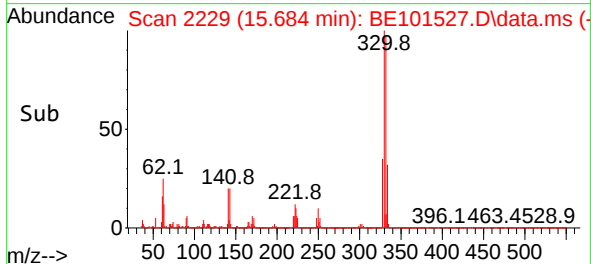
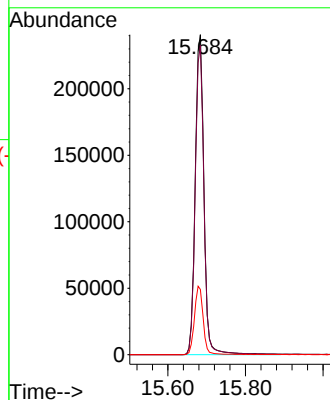
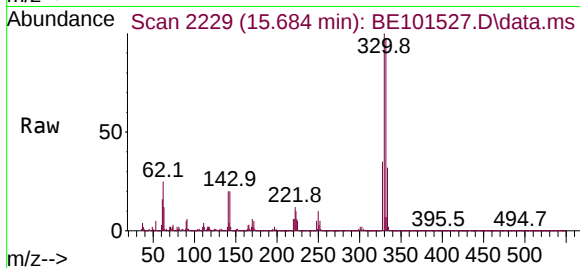
Tgt Ion:330 Resp: 376554

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 21.5 17.0 25.4



#45

2-Fluorobiphenyl

Concen: 117.463 ng

RT: 12.793 min Scan# 1737

Delta R.T. -0.005 min

Lab File: BE101527.D

Acq: 7 Nov 2024 12:38

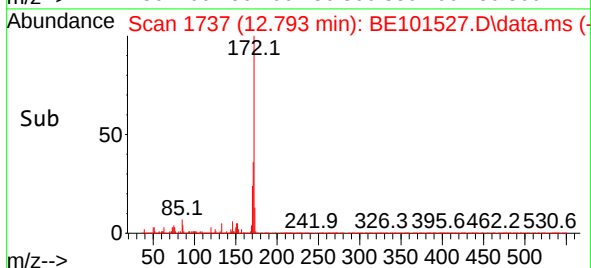
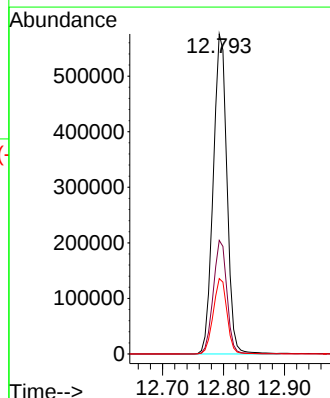
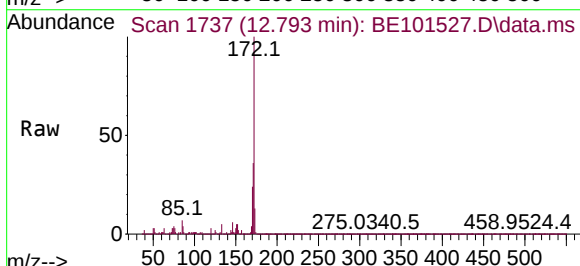
Tgt Ion:172 Resp: 900559

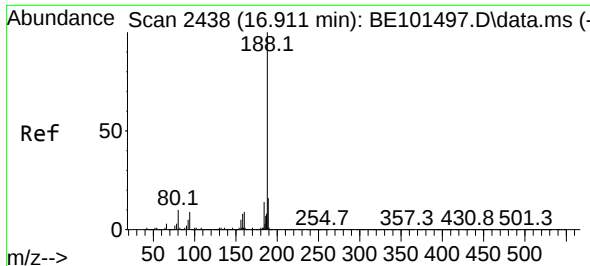
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.5 18.9 28.3

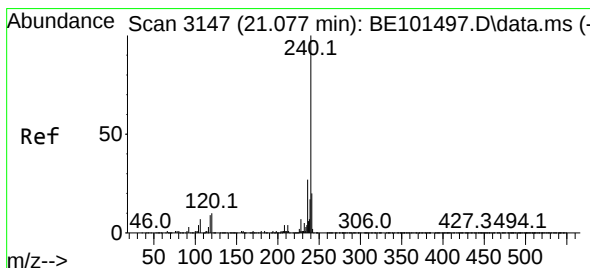
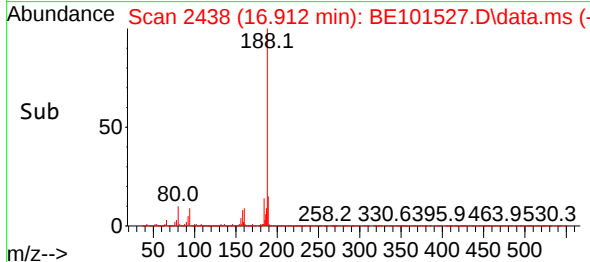
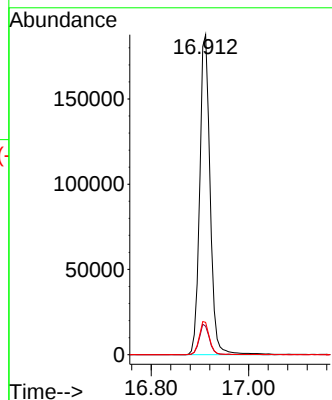
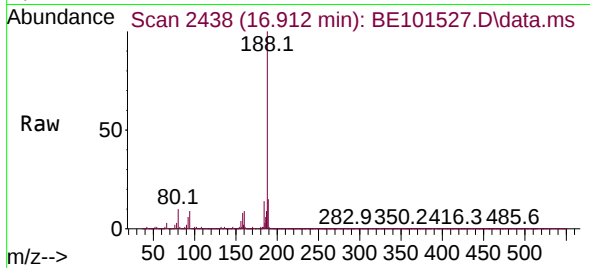




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.912 min Scan# 2438  
Delta R.T. 0.001 min  
Lab File: BE101527.D  
Acq: 7 Nov 2024 12:38

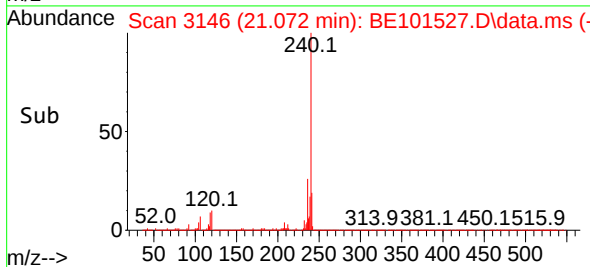
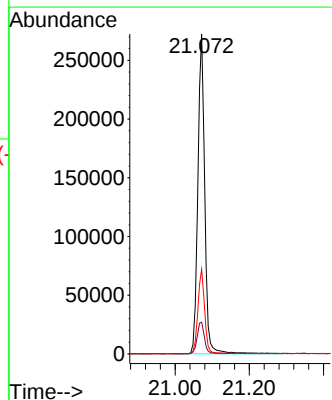
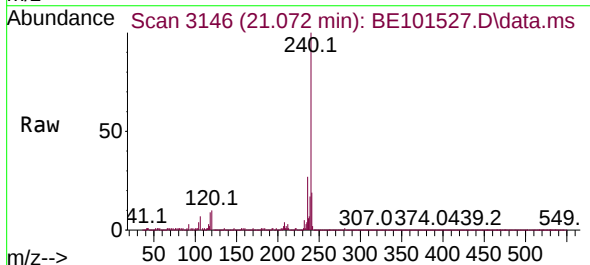
Instrument :  
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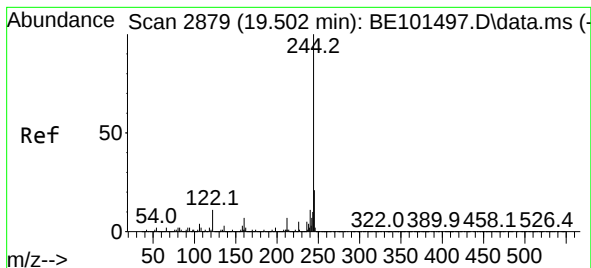
Tgt Ion:188 Resp: 279160  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.4 11.2  
80 10.1 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.072 min Scan# 3146  
Delta R.T. -0.005 min  
Lab File: BE101527.D  
Acq: 7 Nov 2024 12:38

Tgt Ion:240 Resp: 351169  
Ion Ratio Lower Upper  
240 100  
120 9.9 8.2 12.4  
236 26.5 21.4 32.2





#79

Terphenyl-d14

Concen: 110.854 ng

RT: 19.503 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101527.D

Acq: 7 Nov 2024 12:38

Instrument :

BNA\_E

ClientSampleId :

PB164662TB

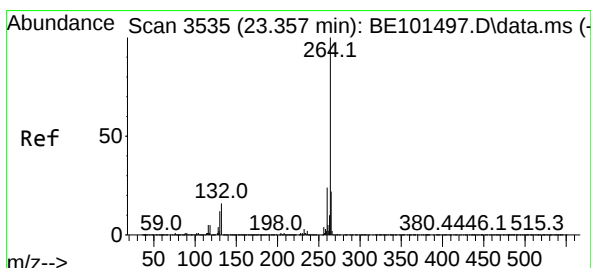
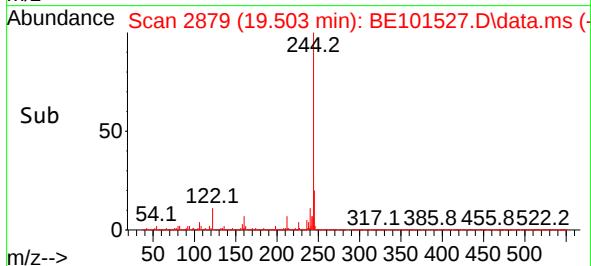
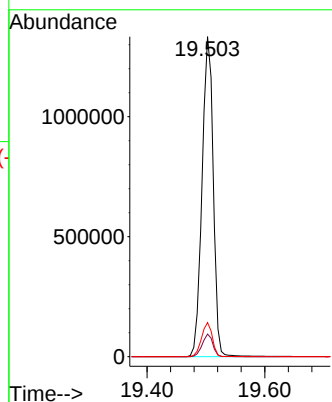
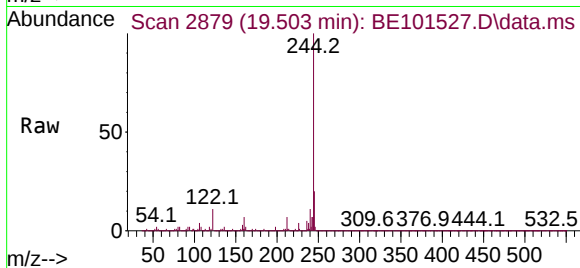
Tgt Ion:244 Resp: 1758638

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.7 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.357 min Scan# 3535

Delta R.T. 0.001 min

Lab File: BE101527.D

Acq: 7 Nov 2024 12:38

Tgt Ion:264 Resp: 469581

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.3 17.4 26.2

