

Data Path : Z:\svoasrv\HPCHEM1\BNA\_E\Data\BE110724\  
 Data File : BE101542.D  
 Acq On : 7 Nov 2024 21:38  
 Operator : RC/JU  
 Sample : P4701-04  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-F3

Quant Time: Nov 08 00:00:13 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

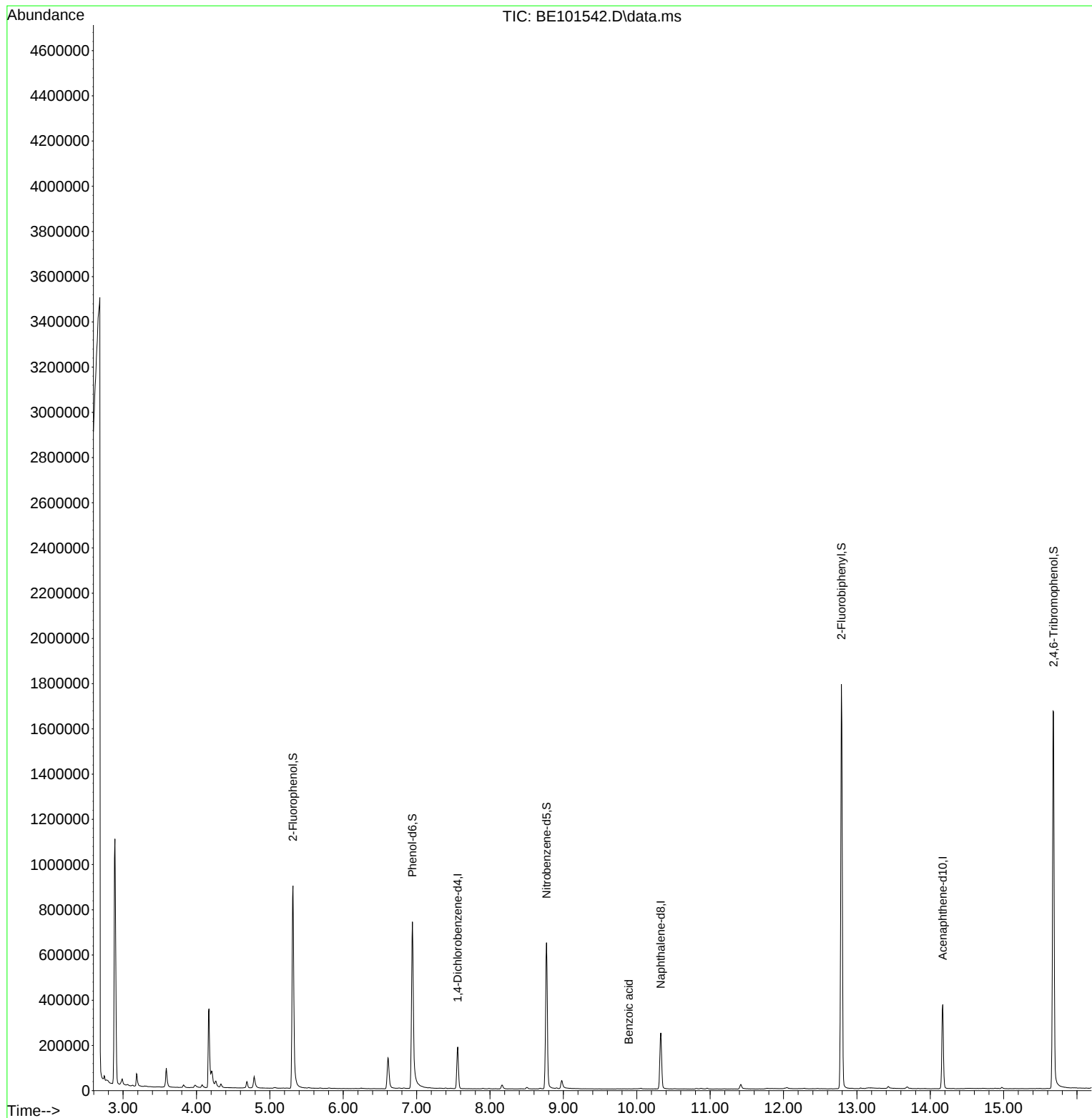
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)    |
|-----------------------------|--------|------|----------|---------|-------|-------------|
| -----                       |        |      |          |         |       |             |
| Internal Standards          |        |      |          |         |       |             |
| 1) 1,4-Dichlorobenzene-d4   | 7.560  | 152  | 51824    | 20.000  | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.328 | 136  | 225065   | 20.000  | ng    | 0.00        |
| 39) Acenaphthene-d10        | 14.170 | 164  | 122500   | 20.000  | ng    | 0.00        |
| 64) Phenanthrene-d10        | 16.908 | 188  | 344504   | 20.000  | ng    | 0.00        |
| 76) Chrysene-d12            | 21.068 | 240  | 355667   | 20.000  | ng    | 0.00        |
| 86) Perylene-d12            | 23.348 | 264  | 161085   | 20.000  | ng    | 0.00        |
| System Monitoring Compounds |        |      |          |         |       |             |
| 5) 2-Fluorophenol           | 5.316  | 112  | 474568   | 161.917 | ng    | 0.00        |
| 7) Phenol-d6                | 6.943  | 99   | 515248   | 128.218 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 8.771  | 82   | 385664   | 108.237 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 15.680 | 330  | 446239   | 193.589 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl        | 12.790 | 172  | 958354   | 127.739 | ng    | 0.00        |
| 79) Terphenyl-d14           | 19.505 | 244  | 2076378  | 129.227 | ng    | 0.00        |
| Target Compounds            |        |      |          |         |       |             |
| 32) Benzoic acid            | 9.893  | 122  | 20       | 6.842   | ng    | Qvalue # 47 |
| -----                       |        |      |          |         |       |             |

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

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Sample : P4701-04  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
BP-F3

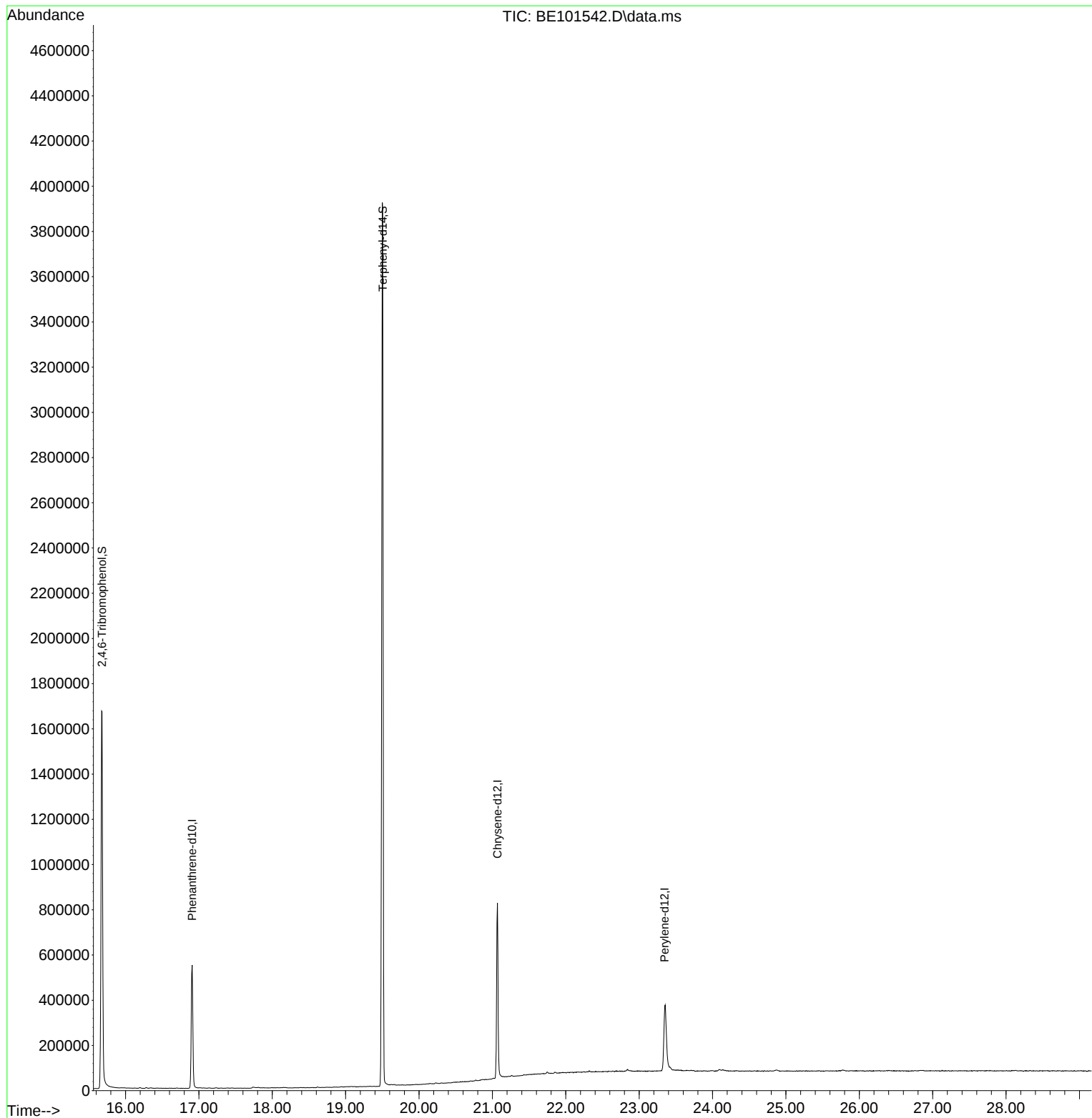
Quant Time: Nov 08 00:00:13 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_E\Methods\8270-BE110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 07 00:01:20 2024  
Response via : Initial Calibration



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QLast Update : Thu Nov 07 00:01:20 2024  
Response via : Initial Calibration

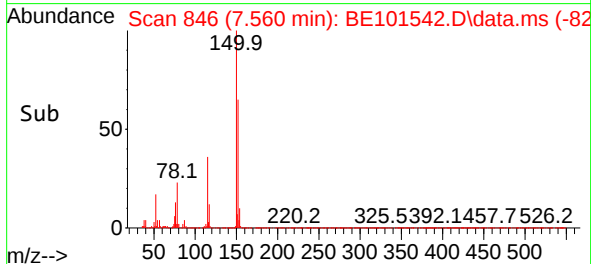
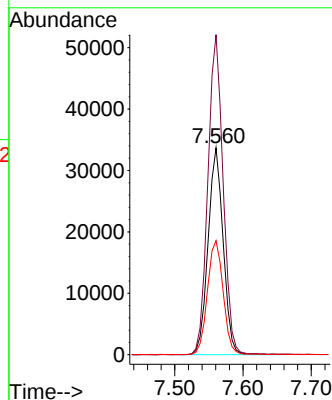
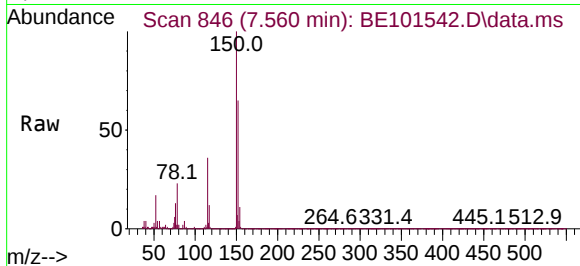




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.560 min Scan# 847  
Delta R.T. -0.003 min  
Lab File: BE101542.D  
Acq: 7 Nov 2024 21:38

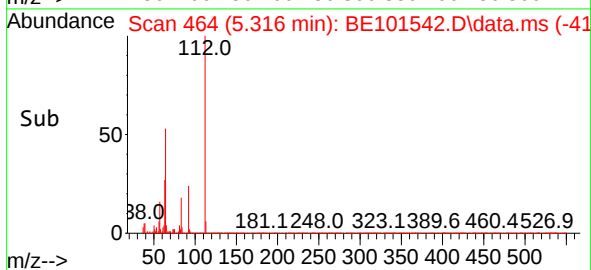
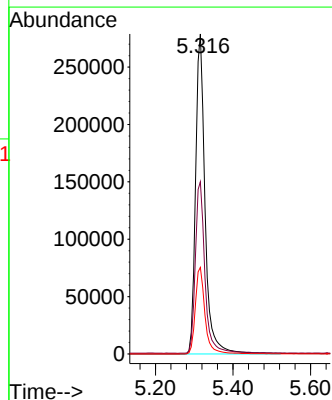
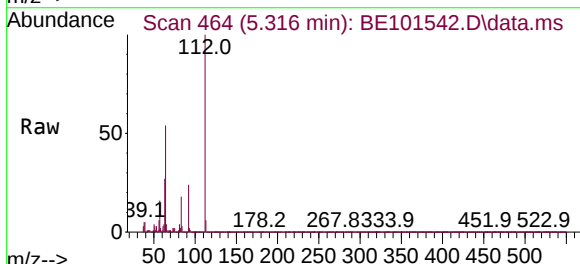
Instrument :  
BNA\_E  
ClientSampleId :  
BP-F3

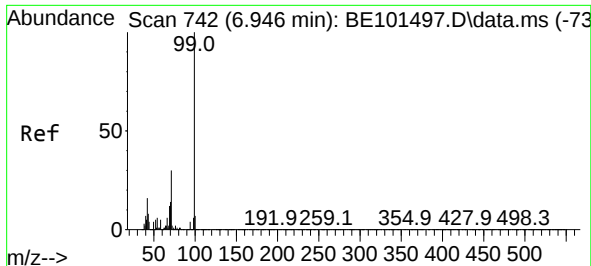
Tgt Ion:152 Resp: 51824  
Ion Ratio Lower Upper  
152 100  
150 154.6 126.3 189.5  
115 55.1 45.0 67.4



#5  
2-Fluorophenol  
Concen: 161.917 ng  
RT: 5.316 min Scan# 464  
Delta R.T. 0.003 min  
Lab File: BE101542.D  
Acq: 7 Nov 2024 21:38

Tgt Ion:112 Resp: 474568  
Ion Ratio Lower Upper  
112 100  
64 53.8 43.2 64.8  
63 27.1 21.8 32.6

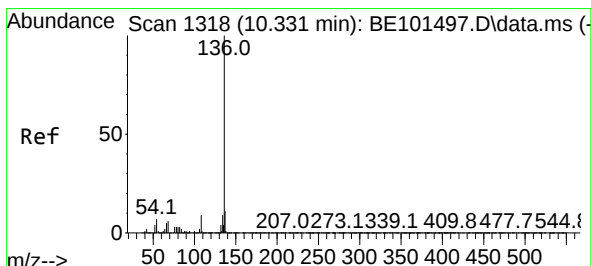
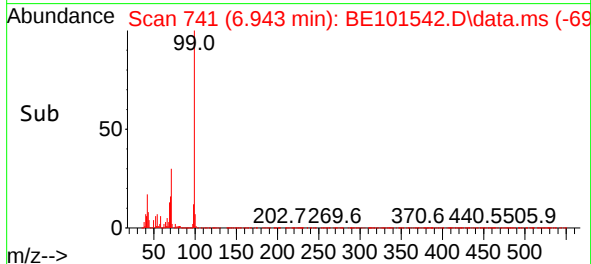
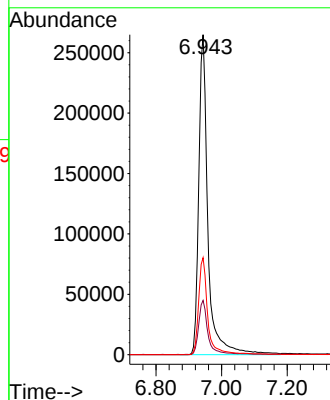
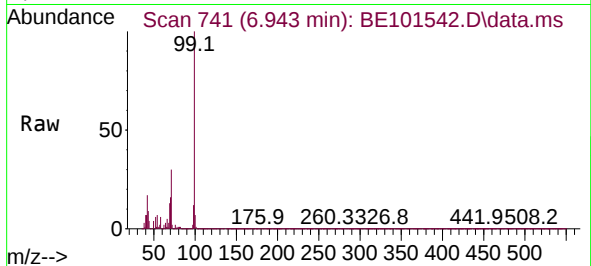




#7  
Phenol-d6  
Concen: 128.218 ng  
RT: 6.943 min Scan# 741  
Delta R.T. -0.003 min  
Lab File: BE101542.D  
Acq: 7 Nov 2024 21:38

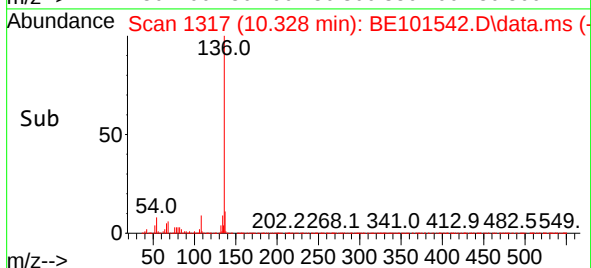
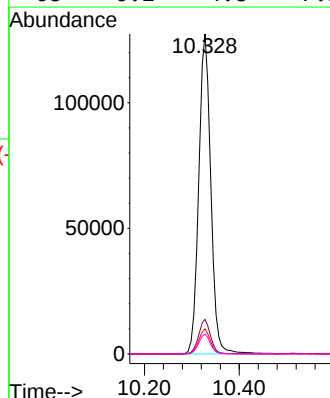
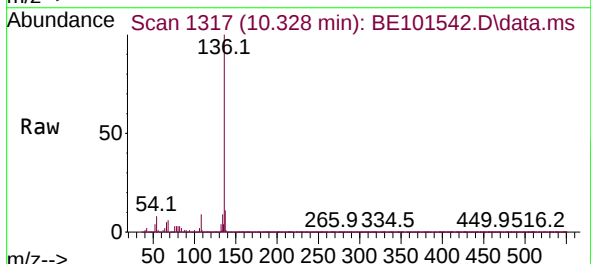
Instrument :  
BNA\_E  
ClientSampleId :  
BP-F3

Tgt Ion: 99 Resp: 515248  
Ion Ratio Lower Upper  
99 100  
42 16.9 12.5 18.7  
71 30.3 24.2 36.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.328 min Scan# 1317  
Delta R.T. -0.003 min  
Lab File: BE101542.D  
Acq: 7 Nov 2024 21:38

Tgt Ion: 136 Resp: 225065  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 7.8 5.6 8.4  
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 108.237 ng

RT: 8.771 min Scan# 1

Delta R.T. -0.003 min

Lab File: BE101542.D

Acq: 7 Nov 2024 21:38

Instrument :

BNA\_E

ClientSampleId :

BP-F3

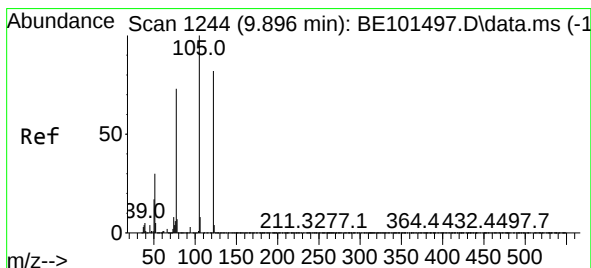
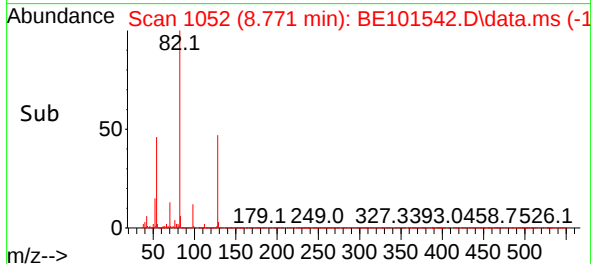
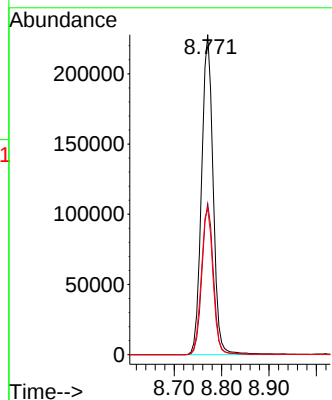
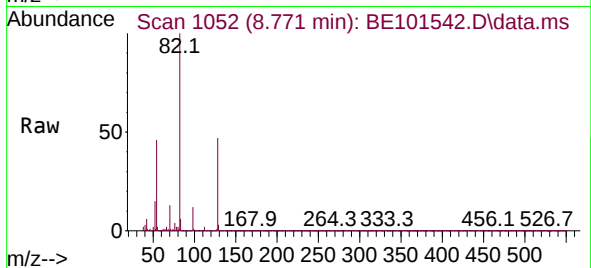
Tgt Ion: 82 Resp: 385664

Ion Ratio Lower Upper

82 100

128 47.2 38.6 58.0

54 45.6 36.3 54.5



#32

Benzoic acid

Concen: 6.842 ng

RT: 9.893 min Scan# 1243

Delta R.T. -0.003 min

Lab File: BE101542.D

Acq: 7 Nov 2024 21:38

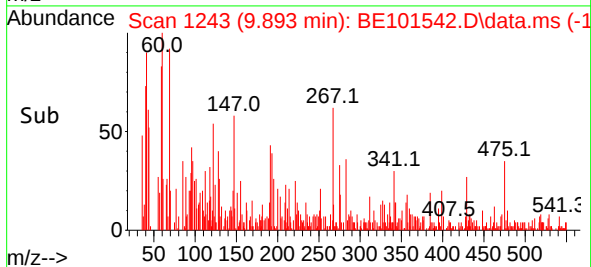
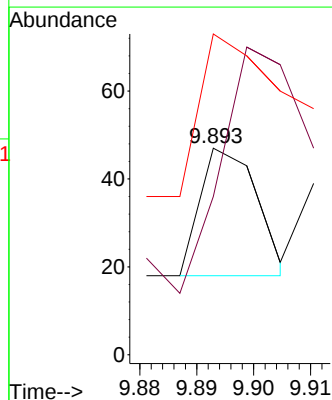
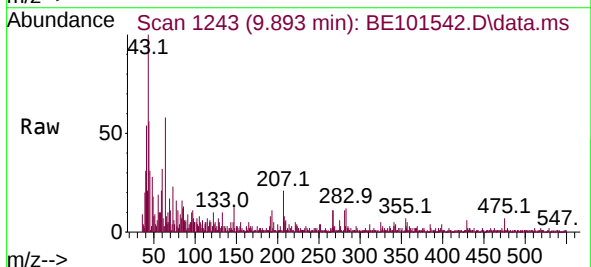
Tgt Ion: 122 Resp: 20

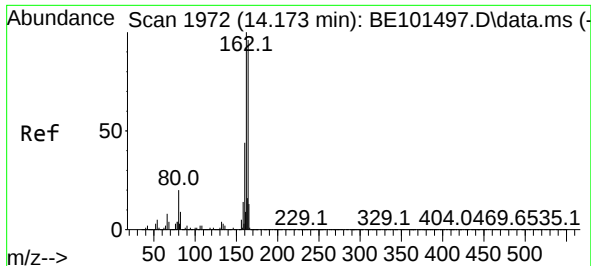
Ion Ratio Lower Upper

122 100

105 76.6 100.6 140.6#

77 155.3 68.6 108.6#

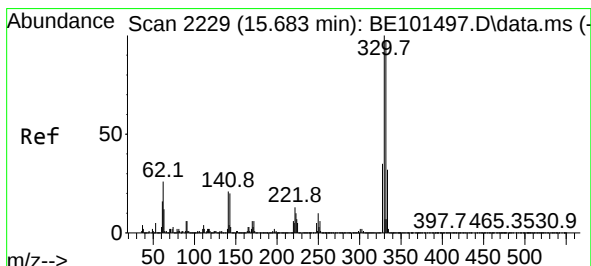
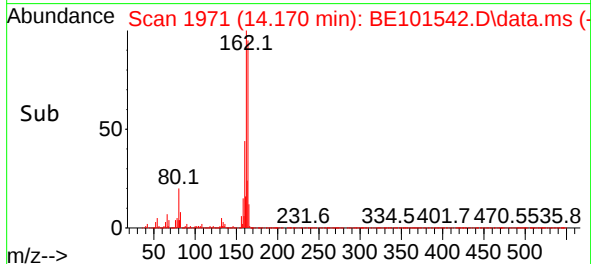
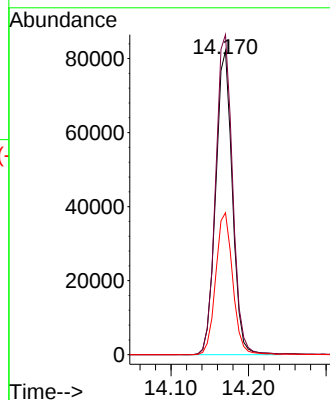
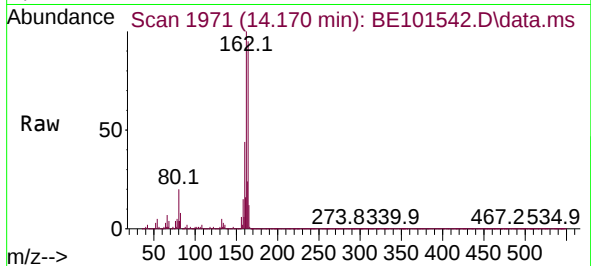




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.170 min Scan# 1972  
Delta R.T. -0.003 min  
Lab File: BE101542.D  
Acq: 7 Nov 2024 21:38

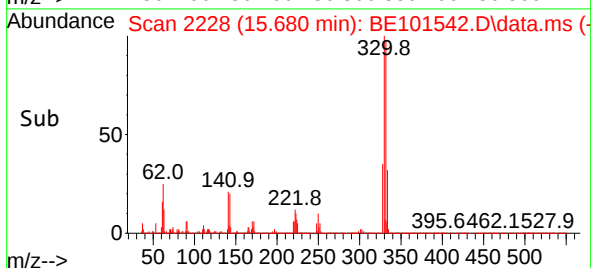
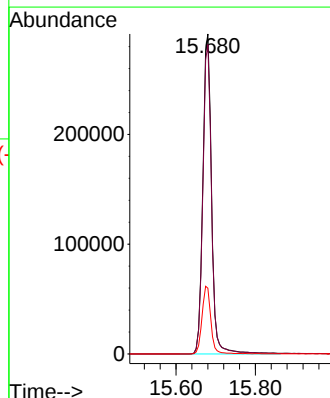
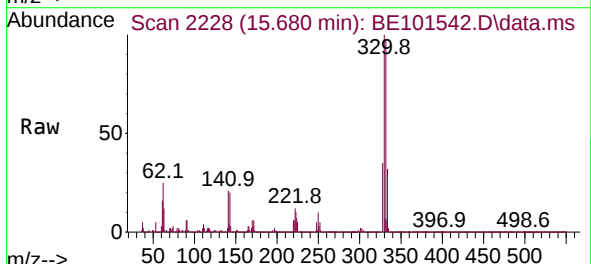
Instrument :  
BNA\_E  
ClientSampleId :  
BP-F3

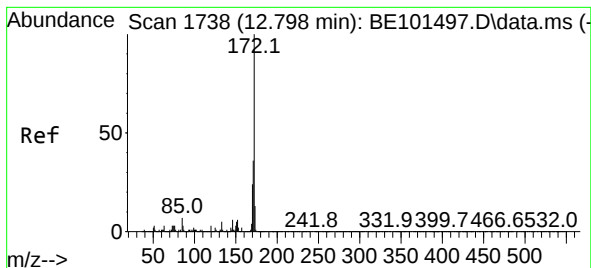
Tgt Ion:164 Resp: 122500  
Ion Ratio Lower Upper  
164 100  
162 105.3 83.7 125.5  
160 46.7 37.1 55.7



#42  
2,4,6-Tribromophenol  
Concen: 193.589 ng  
RT: 15.680 min Scan# 2228  
Delta R.T. -0.003 min  
Lab File: BE101542.D  
Acq: 7 Nov 2024 21:38

Tgt Ion:330 Resp: 446239  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.7 116.5  
141 21.4 17.0 25.4

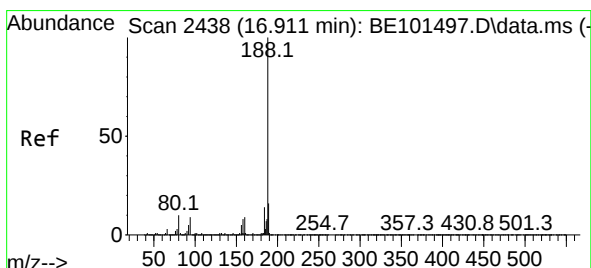
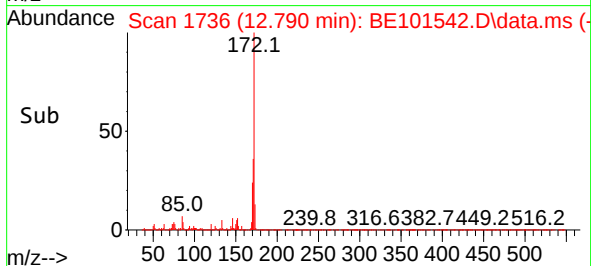
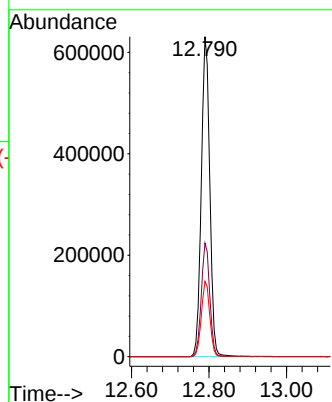
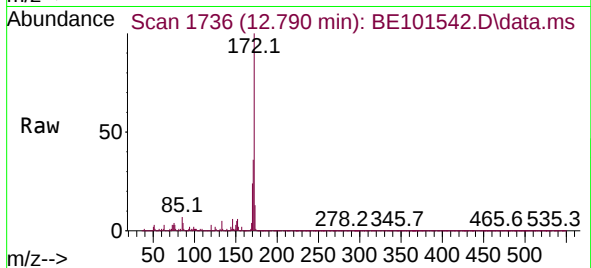




#45  
2-Fluorobiphenyl  
Concen: 127.739 ng  
RT: 12.790 min Scan# 1736  
Delta R.T. -0.009 min  
Lab File: BE101542.D  
Acq: 7 Nov 2024 21:38

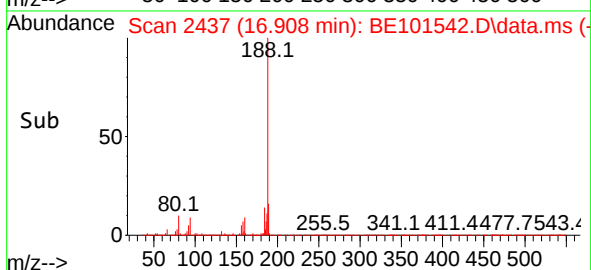
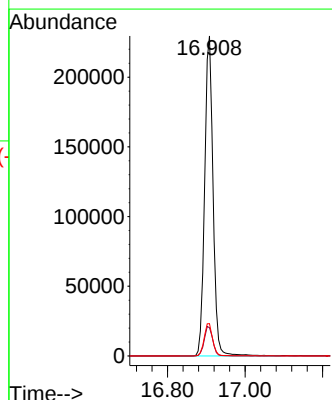
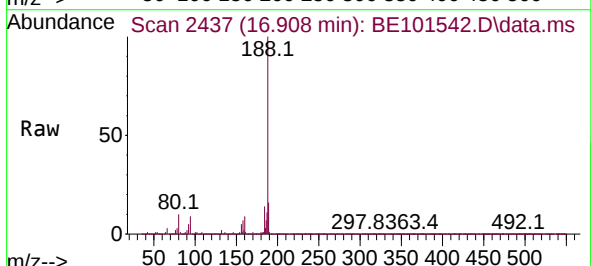
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BNA\_E  
ClientSampleId :  
BP-F3

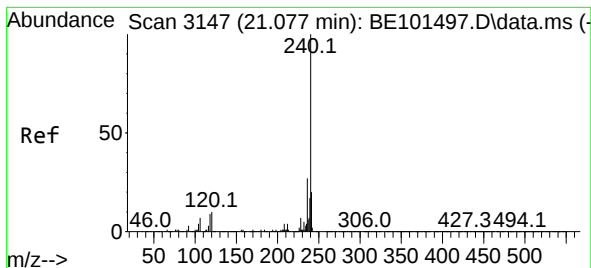
Tgt Ion:172 Resp: 958354  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 43.0  
170 23.6 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.908 min Scan# 2437  
Delta R.T. -0.003 min  
Lab File: BE101542.D  
Acq: 7 Nov 2024 21:38

Tgt Ion:188 Resp: 344504  
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: 21.068 min Scan# 3145

Delta R.T. -0.009 min

Lab File: BE101542.D

Acq: 7 Nov 2024 21:38

Instrument :

BNA\_E

ClientSampleId :

BP-F3

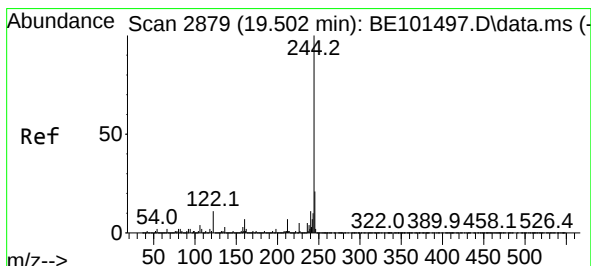
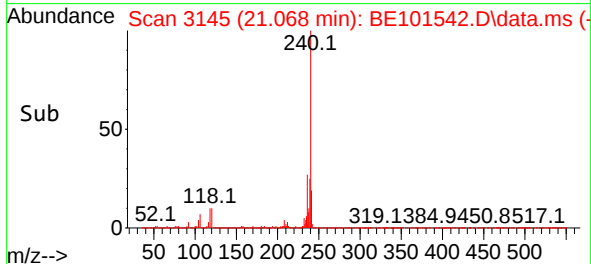
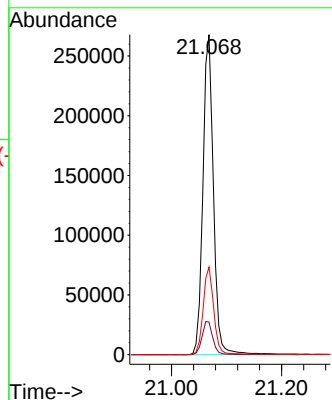
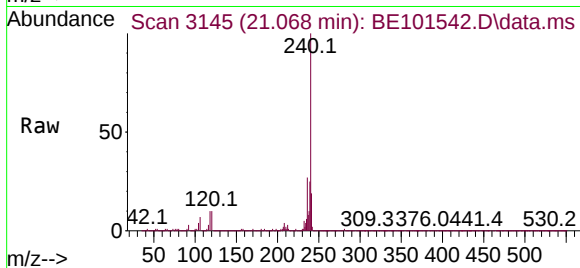
Tgt Ion:240 Resp: 355667

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.4

236 27.4 21.4 32.2



#79

Terphenyl-d14

Concen: 129.227 ng

RT: 19.505 min Scan# 2879

Delta R.T. 0.003 min

Lab File: BE101542.D

Acq: 7 Nov 2024 21:38

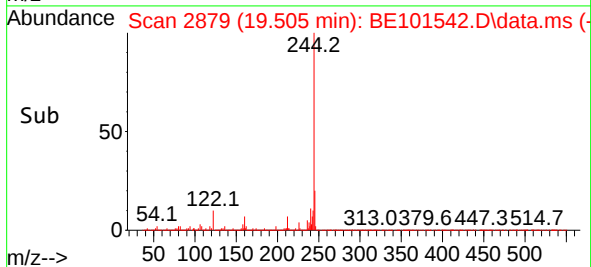
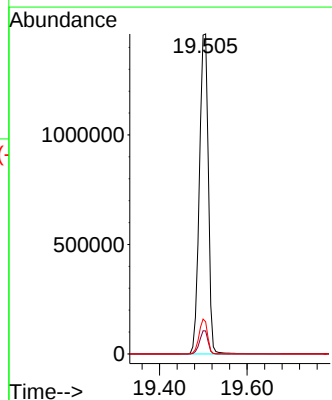
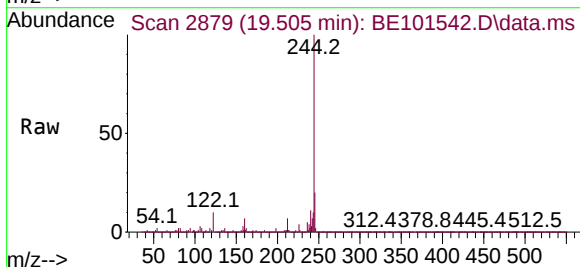
Tgt Ion:244 Resp: 2076378

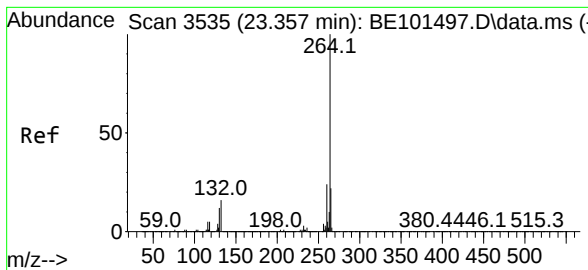
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

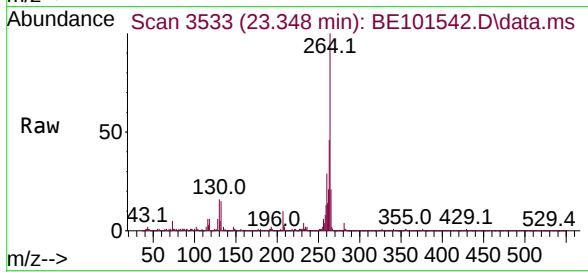
122 10.1 8.4 12.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.348 min Scan# 31  
Delta R.T. -0.009 min  
Lab File: BE101542.D  
Acq: 7 Nov 2024 21:38

Instrument :  
BNA\_E  
ClientSampleId :  
BP-F3



Tgt Ion:264 Resp: 161085

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 28.8  | 19.4  | 29.2  |
| 265 | 20.6  | 17.4  | 26.2  |

