

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051925\  
 Data File : BF142448.D  
 Acq On : 19 May 2025 13:37  
 Operator : RC/JU  
 Sample : Q2032-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-29-99

Quant Time: May 19 14:03:58 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 05 18:41:44 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.898  | 152  | 126923   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 534005   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.939  | 164  | 245112   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.422 | 188  | 429168   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.063 | 240  | 249248   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.551 | 264  | 249563   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 583863   | 78.528 | ng    | 0.00     |
| 7) Phenol-d6                | 6.522  | 99   | 712746   | 77.942 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 435826   | 49.774 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.728 | 330  | 208806   | 88.234 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 843292   | 49.056 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.010 | 244  | 762036   | 45.252 | ng    | 0.00     |

Target Compounds Qvalue

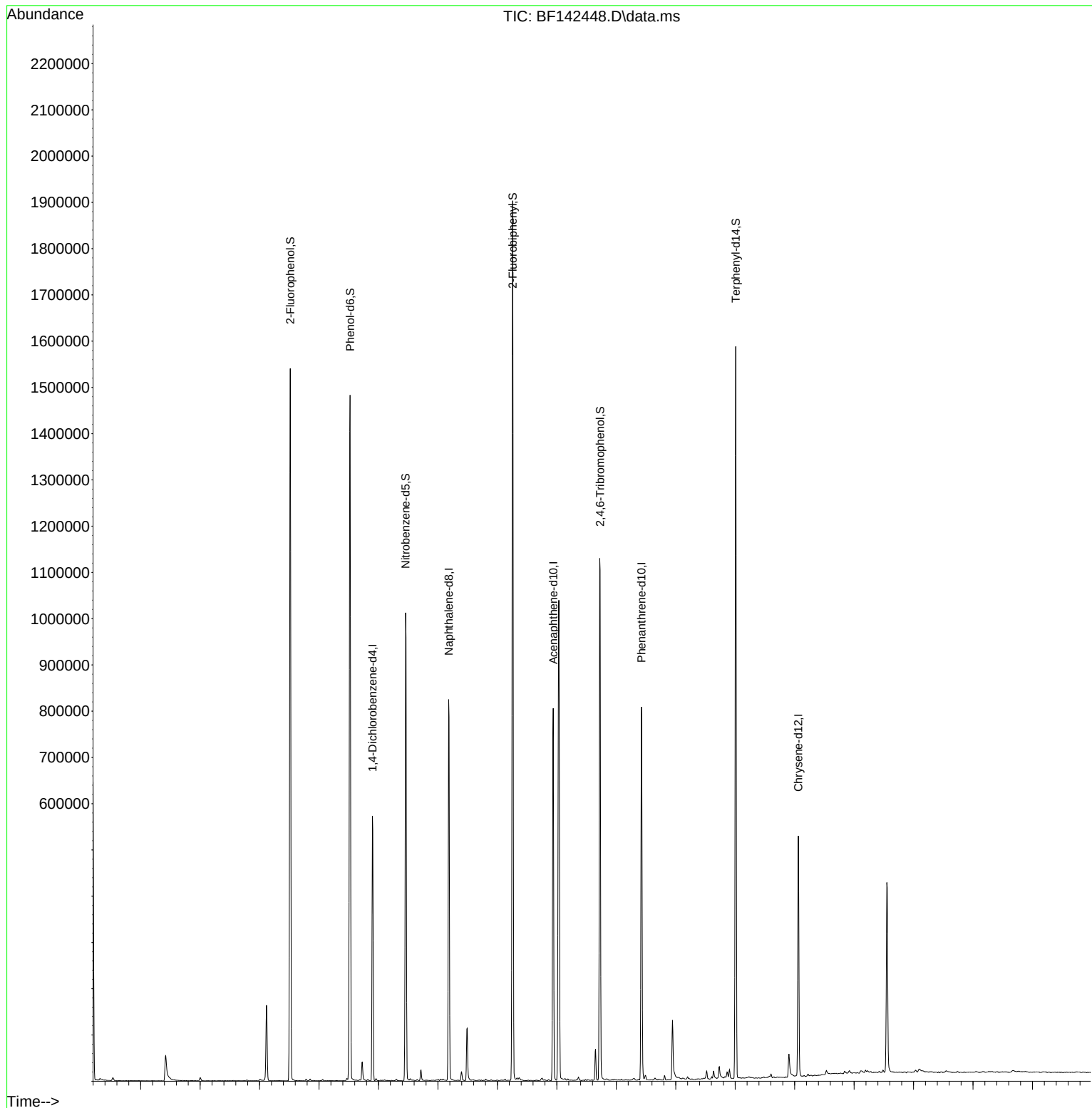
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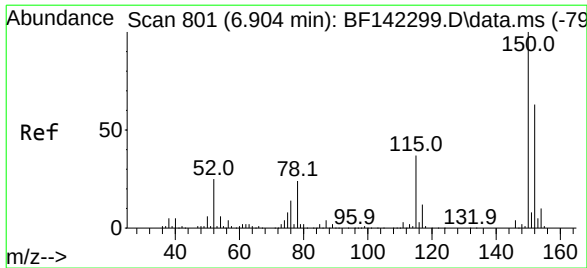
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051925\  
Data File : BF142448.D  
Acq On : 19 May 2025 13:37  
Operator : RC/JU  
Sample : Q2032-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
TP-29-99

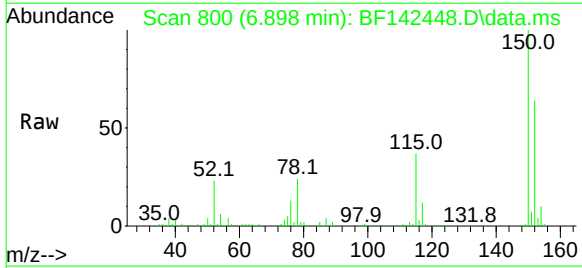
Quant Time: May 19 14:03:58 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 05 18:41:44 2025  
Response via : Initial Calibration



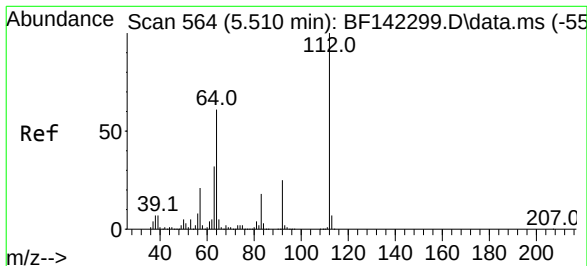
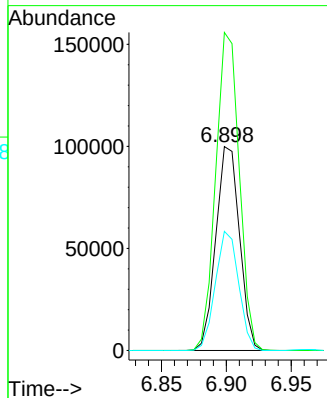
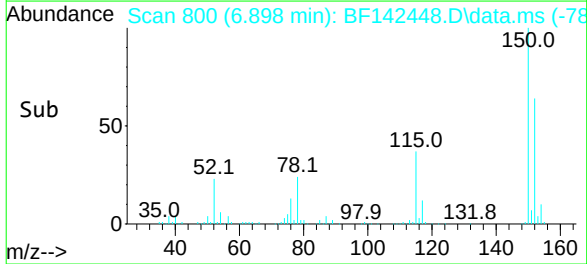


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.898 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37

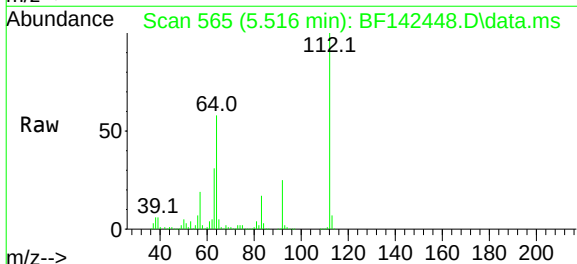
Instrument :  
BNA\_F  
ClientSampleId :  
TP-29-99



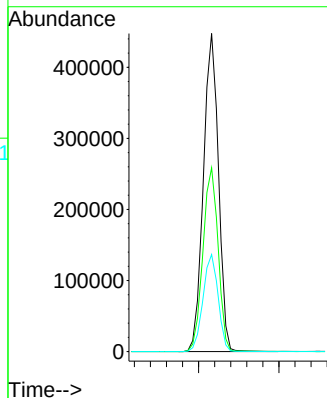
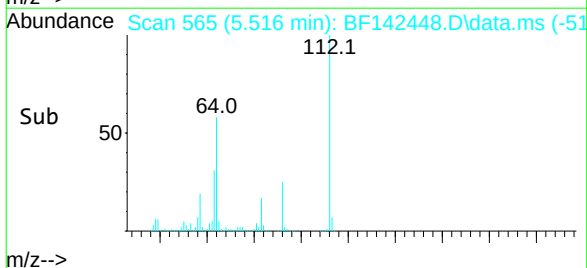
Tgt Ion:152 Resp: 126923  
Ion Ratio Lower Upper  
152 100  
150 156.0 126.6 190.0  
115 58.4 47.3 70.9

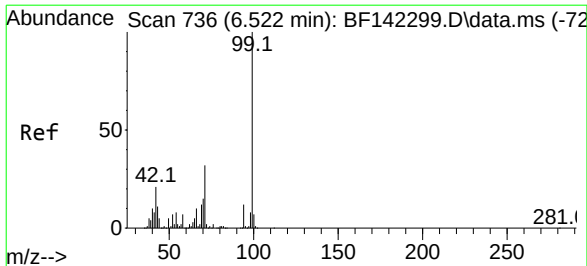


#5  
2-Fluorophenol  
Concen: 78.528 ng  
RT: 5.516 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37



Tgt Ion:112 Resp: 583863  
Ion Ratio Lower Upper  
112 100  
64 57.8 48.9 73.3  
63 30.5 25.6 38.4

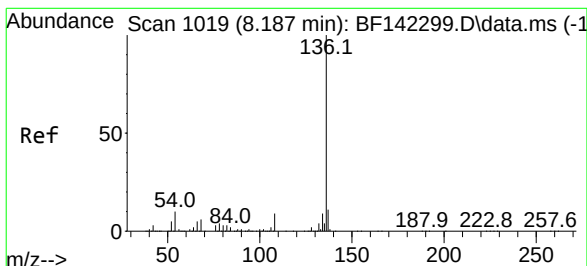
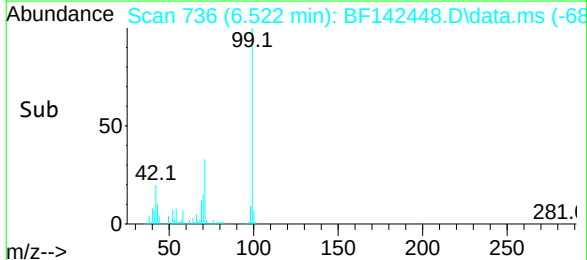
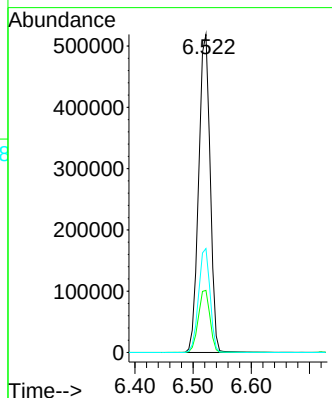
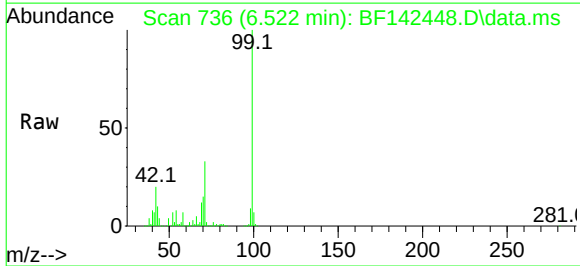




#7  
Phenol-d6  
Concen: 77.942 ng  
RT: 6.522 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37

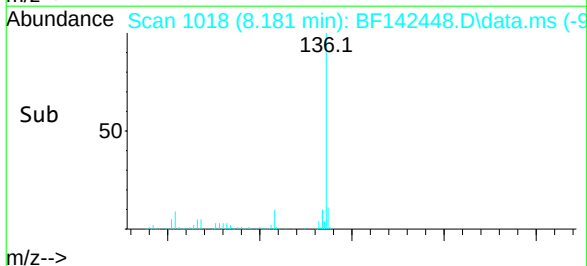
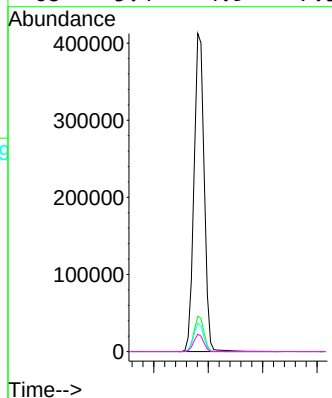
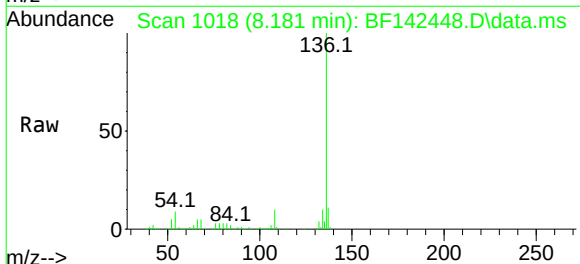
Instrument :  
BNA\_F  
ClientSampleId :  
TP-29-99

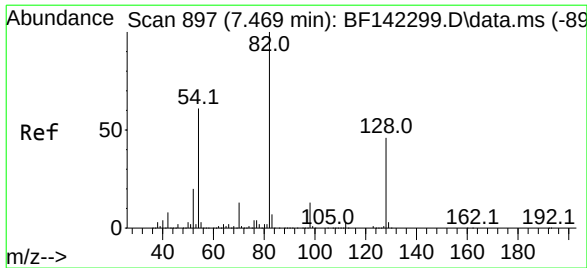
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 712746 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 19.5  | 17.0  | 25.4   |
| 71       | 32.7  | 25.8  | 38.8   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 534005 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.9   | 13.3   |
| 54       | 8.9   | 7.7   | 11.5   |
| 68       | 5.4   | 4.9   | 7.3    |

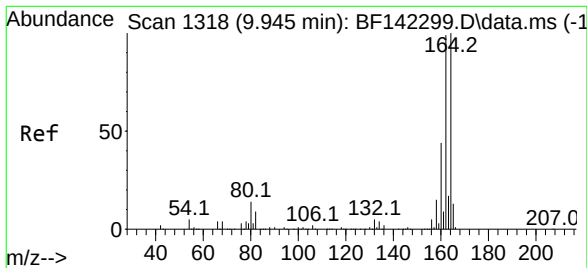
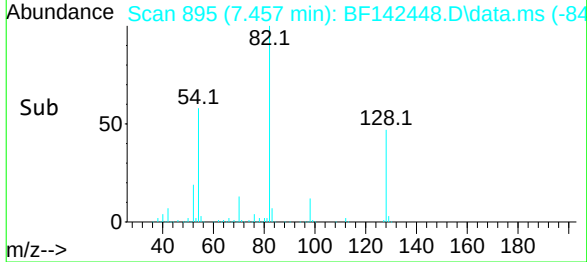
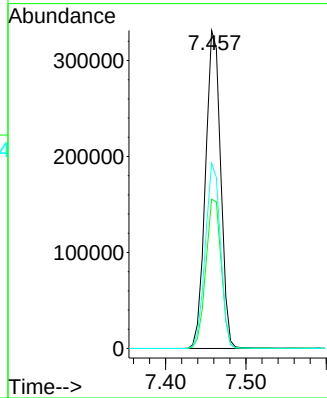
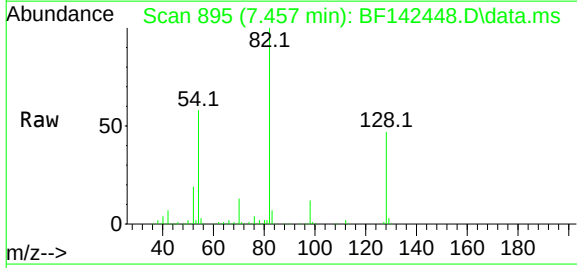




#23  
Nitrobenzene-d5  
Concen: 49.774 ng  
RT: 7.457 min Scan# 89  
Delta R.T. -0.012 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37

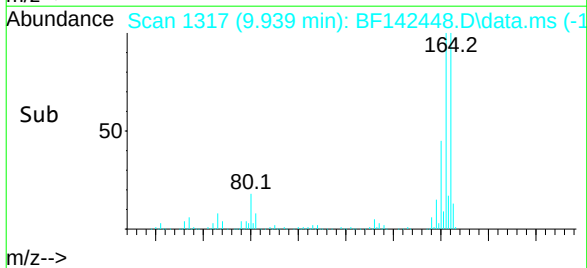
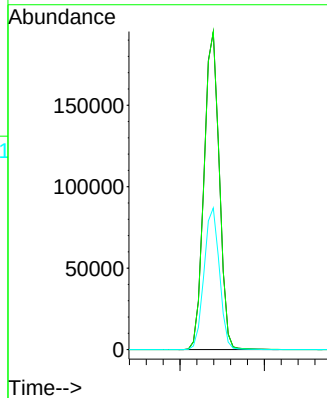
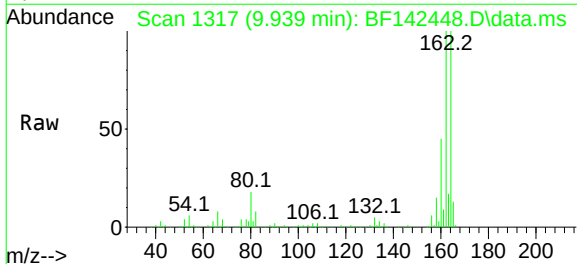
Instrument :  
BNA\_F  
ClientSampleId :  
TP-29-99

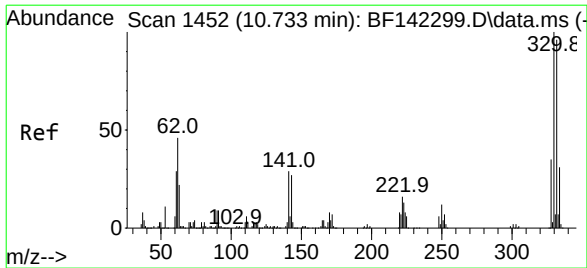
Tgt Ion: 82 Resp: 435826  
Ion Ratio Lower Upper  
82 100  
128 46.9 37.0 55.6  
54 58.3 48.6 73.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.939 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37

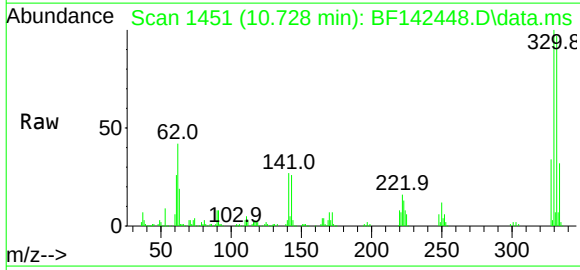
Tgt Ion: 164 Resp: 245112  
Ion Ratio Lower Upper  
164 100  
162 100.2 79.2 118.8  
160 44.6 35.3 52.9



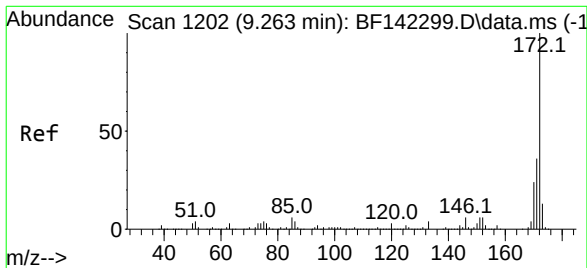
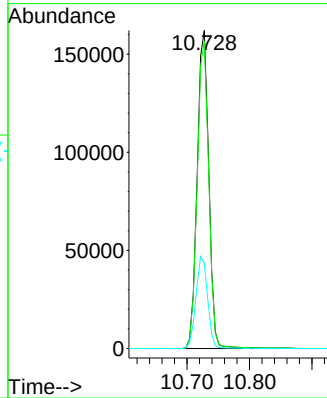
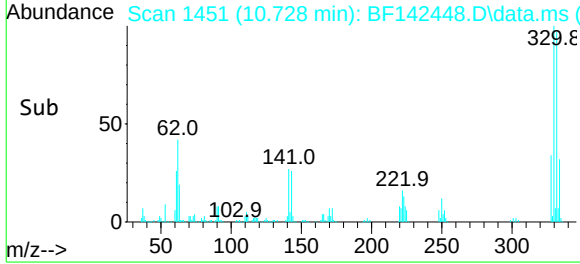


#42  
2,4,6-Tribromophenol  
Concen: 88.234 ng  
RT: 10.728 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37

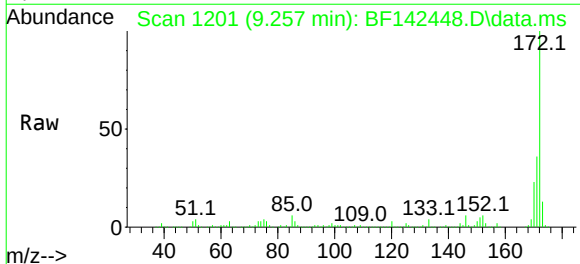
Instrument :  
BNA\_F  
ClientSampleId :  
TP-29-99



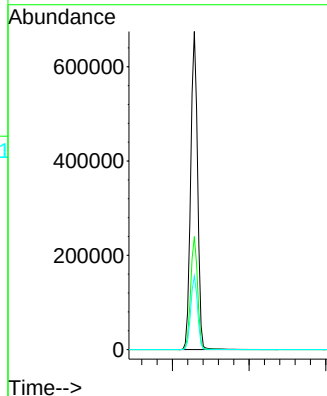
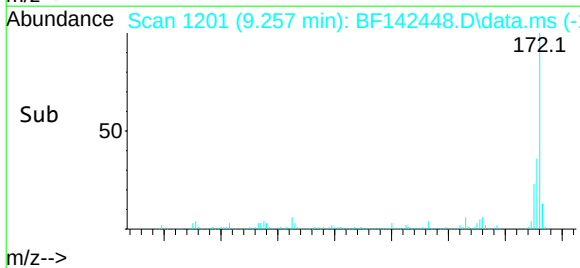
Tgt Ion: 330 Resp: 208806  
Ion Ratio Lower Upper  
330 100  
332 96.7 76.8 115.2  
141 29.2 24.9 37.3

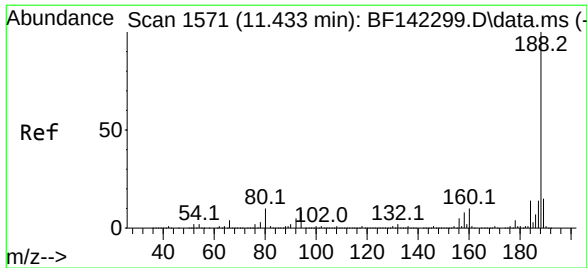


#45  
2-Fluorobiphenyl  
Concen: 49.056 ng  
RT: 9.257 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37



Tgt Ion: 172 Resp: 843292  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.6 42.8  
170 23.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 15

Delta R.T. -0.012 min

Lab File: BF142448.D

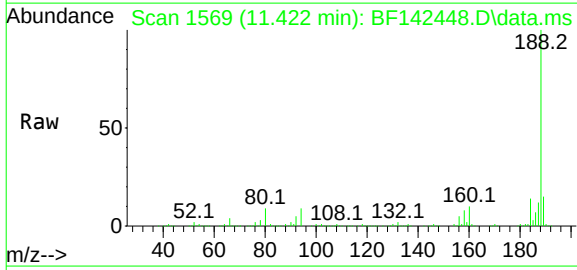
Acq: 19 May 2025 13:37

Instrument :

BNA\_F

ClientSampleId :

TP-29-99



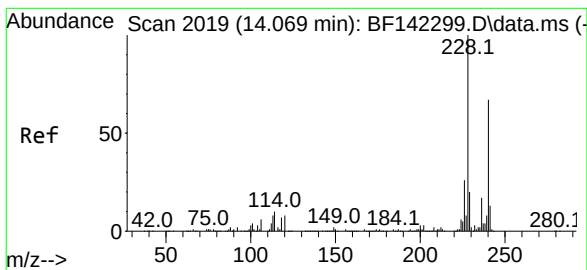
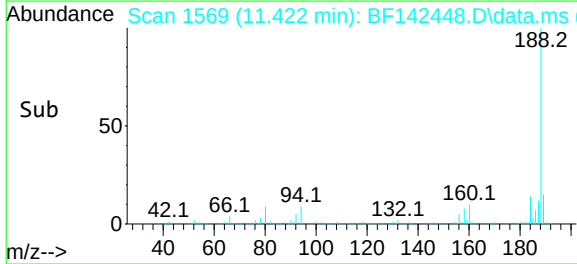
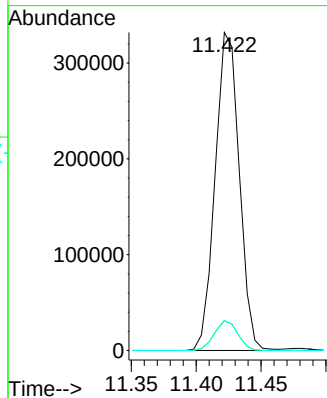
Tgt Ion:188 Resp: 429168

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 9.5 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142448.D

Acq: 19 May 2025 13:37

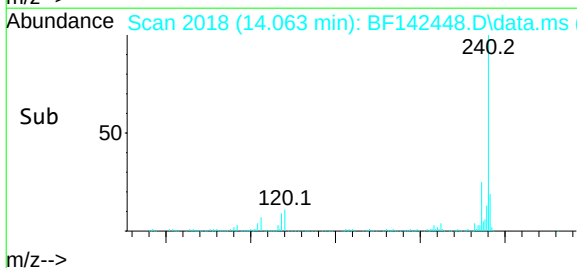
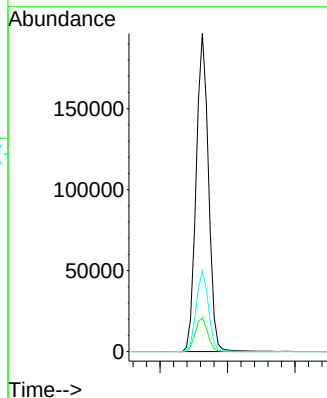
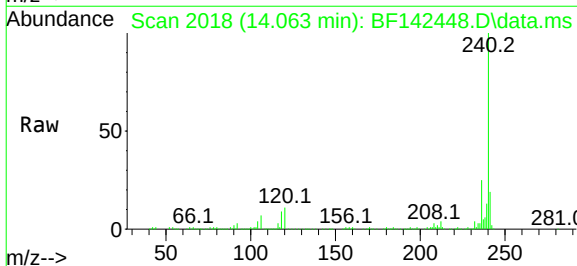
Tgt Ion:240 Resp: 249248

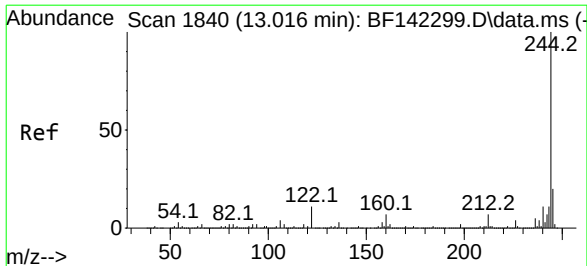
Ion Ratio Lower Upper

240 100

120 10.6 9.7 14.5

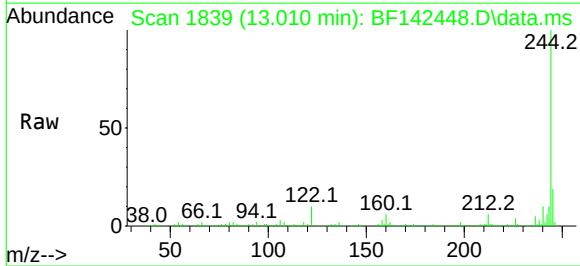
236 25.4 20.0 30.0



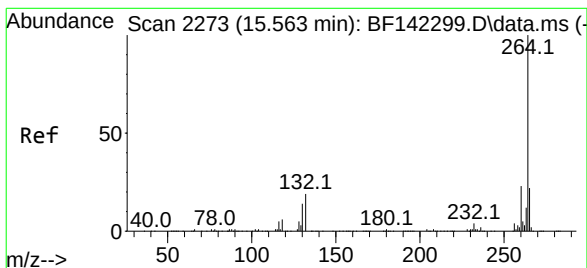
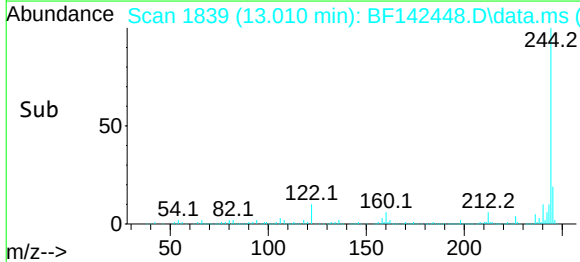
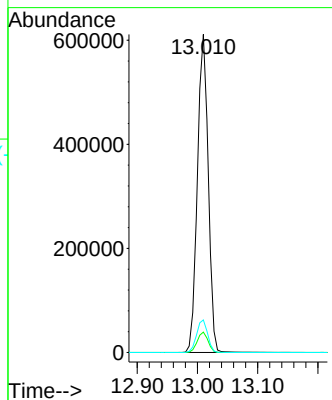


#79  
Terphenyl-d14  
Concen: 45.252 ng  
RT: 13.010 min Scan# 1840  
Delta R.T. -0.006 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:244 Resp: 762036  
Ion Ratio Lower Upper  
244 100  
212 6.4 5.4 8.2  
122 10.2 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.551 min Scan# 2271  
Delta R.T. -0.012 min  
Lab File: BF142448.D  
Acq: 19 May 2025 13:37

Tgt Ion:264 Resp: 249563  
Ion Ratio Lower Upper  
264 100  
260 23.1 18.6 27.8  
265 21.6 17.5 26.3

