

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121125\  
 Data File : BP026294.D  
 Acq On : 11 Dec 2025 15:52  
 Operator : RC/JU  
 Sample : Q3814-16  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-4

Quant Time: Dec 11 16:12:01 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 05 14:52:44 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.649  | 152  | 248475   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.413 | 136  | 902211   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.278 | 164  | 554727   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.089 | 188  | 1110467  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.536 | 240  | 1285417  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.818 | 264  | 1471958  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.278  | 112  | 1673643  | 108.288 | ng    | 0.00     |
| 7) Phenol-d6                | 6.837  | 99   | 1867413  | 95.720  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.784  | 82   | 1288690  | 81.303  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.795 | 330  | 967098   | 134.058 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 12.889 | 172  | 3143156  | 82.379  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.830 | 244  | 4964522  | 78.940  | ng    | 0.00     |

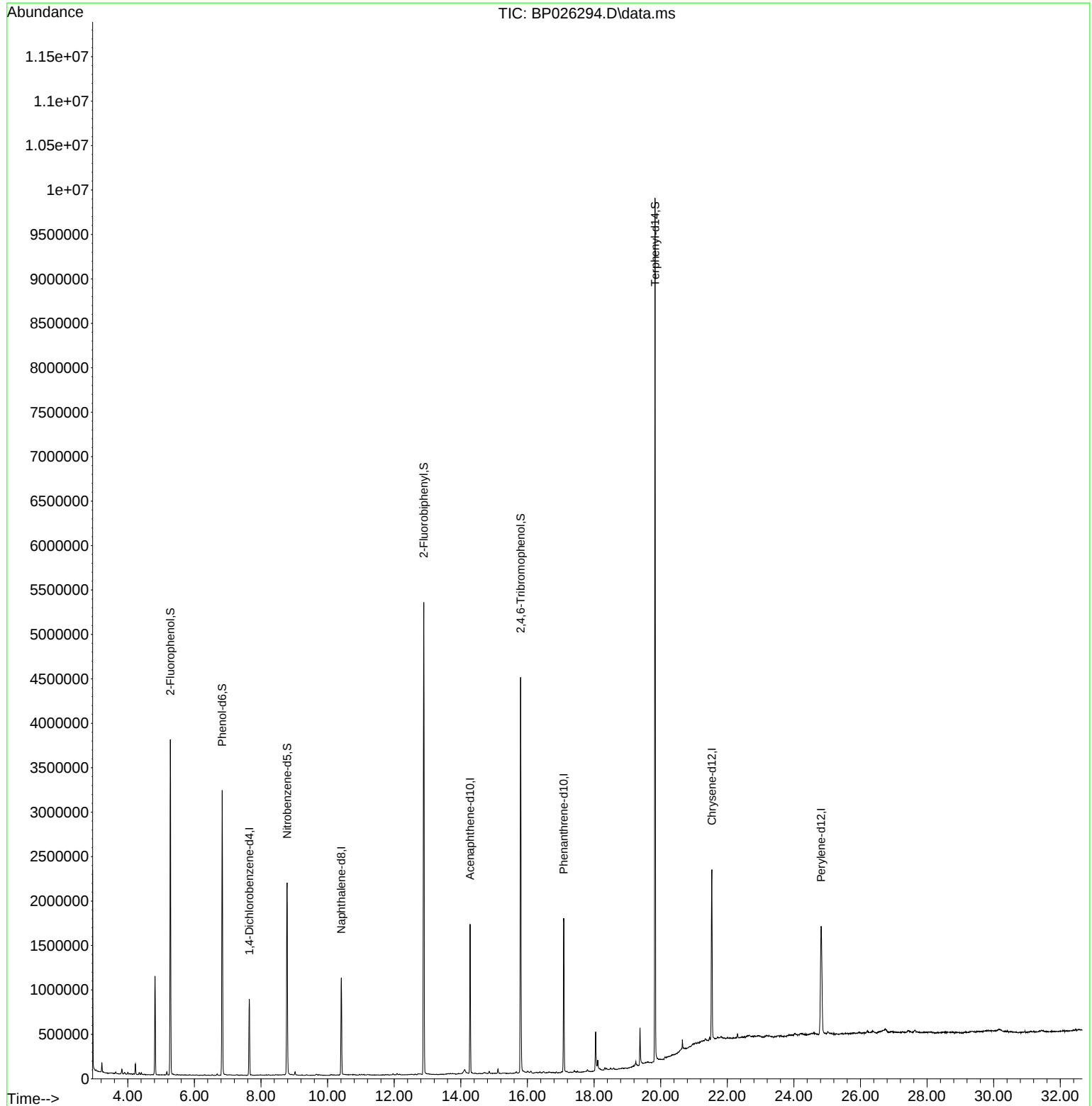
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

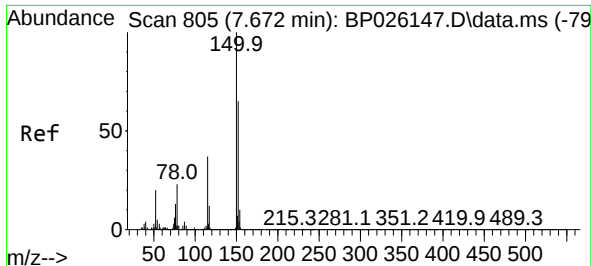
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q3814-16  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 05 14:52:44 2025  
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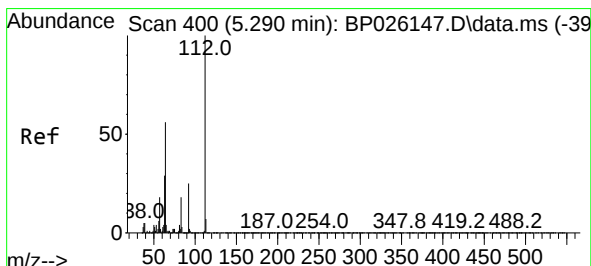
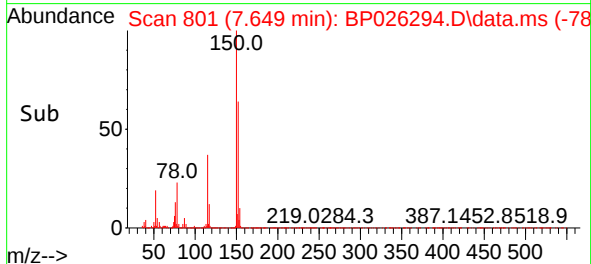
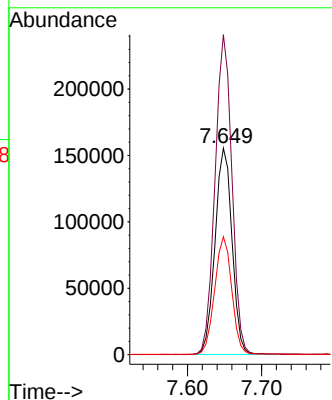
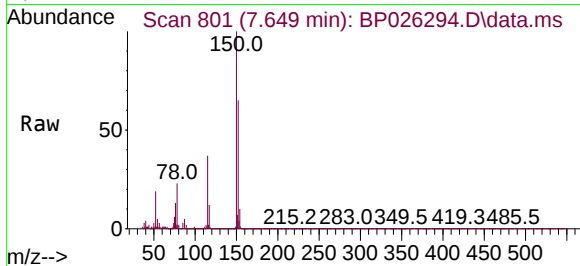




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.649 min Scan# 805  
Delta R.T. -0.006 min  
Lab File: BP026294.D  
Acq: 11 Dec 2025 15:52

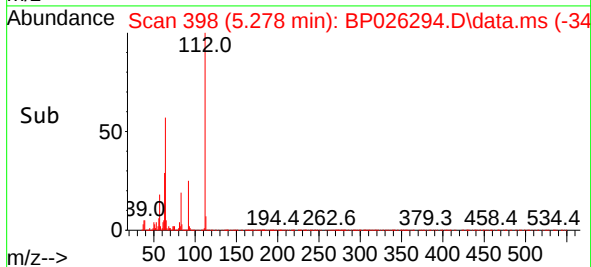
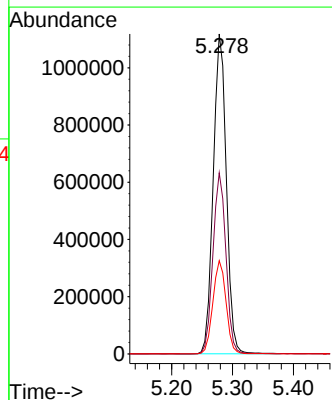
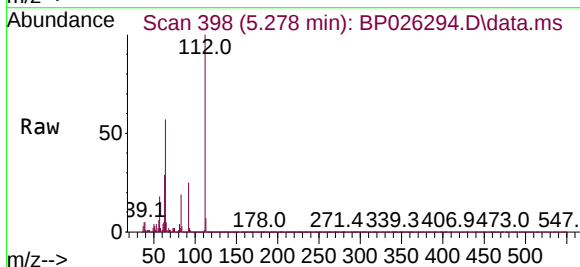
Instrument :  
BNA\_P  
ClientSampleId :  
TP-4

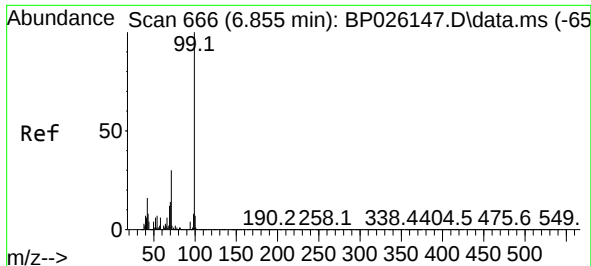
Tgt Ion:152 Resp: 248475  
Ion Ratio Lower Upper  
152 100  
150 155.0 123.0 184.6  
115 57.1 46.3 69.5



#5  
2-Fluorophenol  
Concen: 108.288 ng  
RT: 5.278 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: BP026294.D  
Acq: 11 Dec 2025 15:52

Tgt Ion:112 Resp: 1673643  
Ion Ratio Lower Upper  
112 100  
64 56.6 45.8 68.6  
63 29.1 23.5 35.3

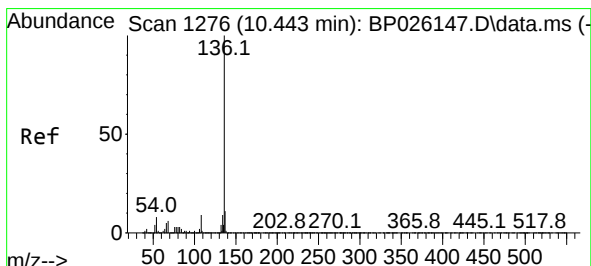
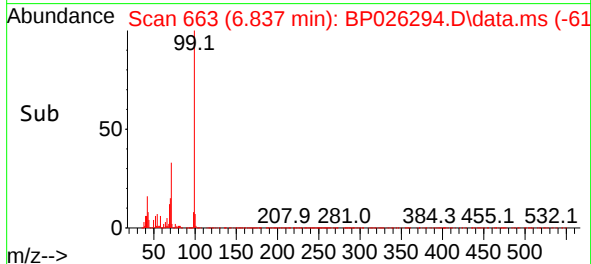
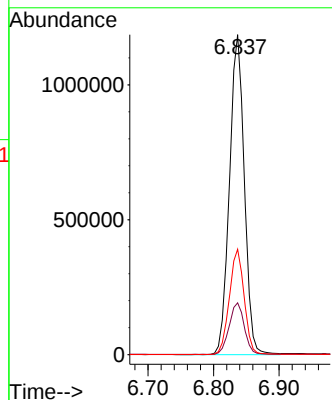
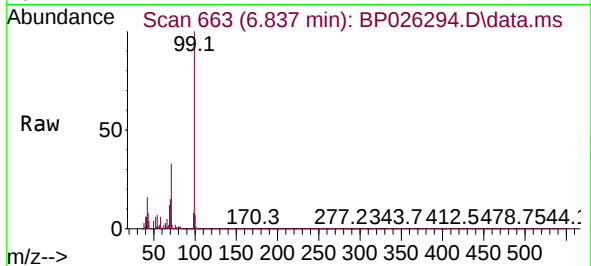




#7  
Phenol-d6  
Concen: 95.720 ng  
RT: 6.837 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BP026294.D  
Acq: 11 Dec 2025 15:52

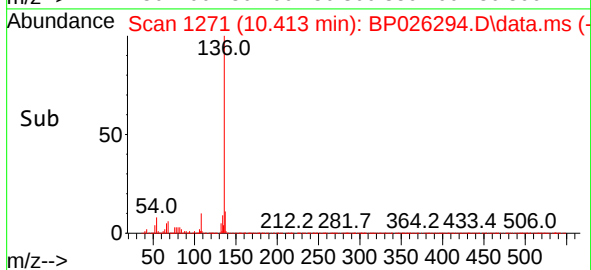
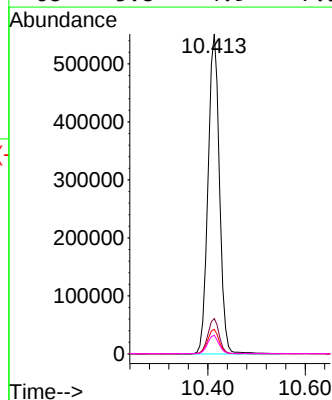
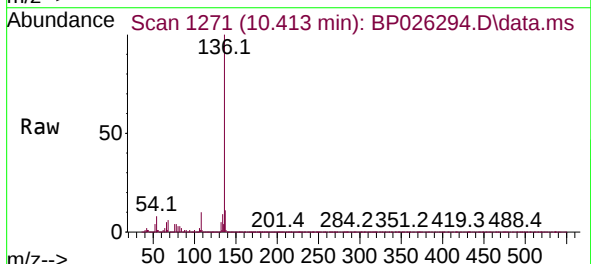
Instrument :  
BNA\_P  
ClientSampleId :  
TP-4

Tgt Ion: 99 Resp: 1867413  
Ion Ratio Lower Upper  
99 100  
42 16.2 12.9 19.3  
71 32.9 24.8 37.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.413 min Scan# 1271  
Delta R.T. -0.006 min  
Lab File: BP026294.D  
Acq: 11 Dec 2025 15:52

Tgt Ion: 136 Resp: 902211  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 7.7 6.4 9.6  
68 5.8 4.9 7.3

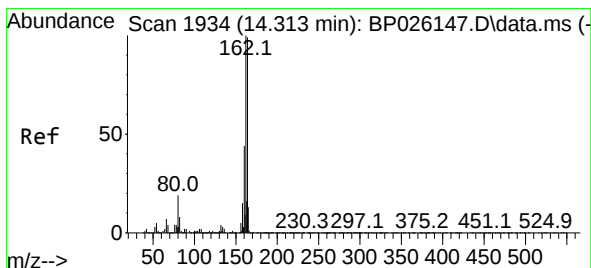
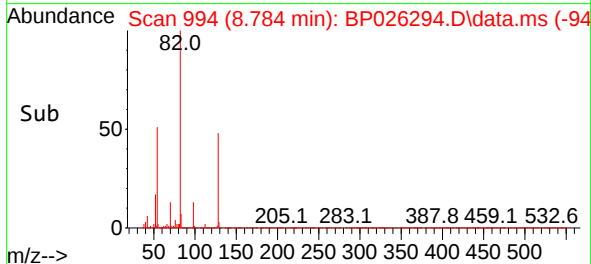
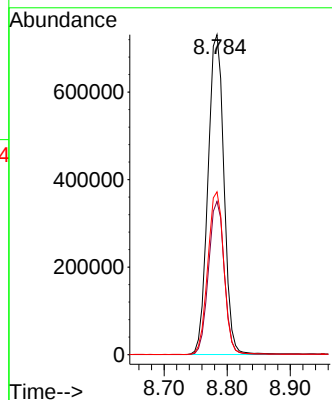
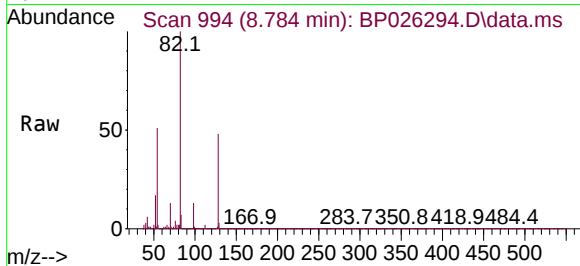




#23  
Nitrobenzene-d5  
Concen: 81.303 ng  
RT: 8.784 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BP026294.D  
Acq: 11 Dec 2025 15:52

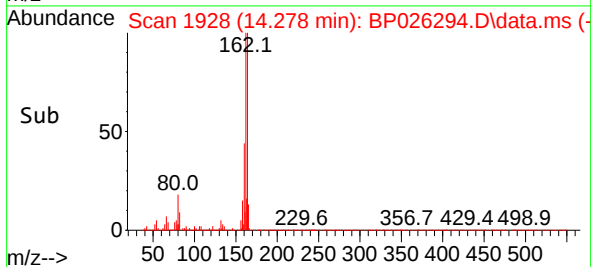
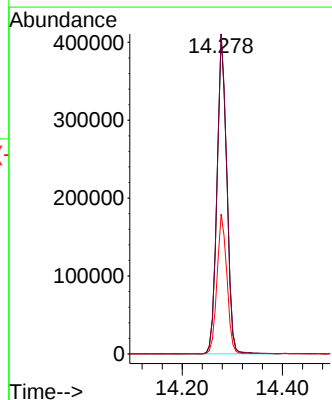
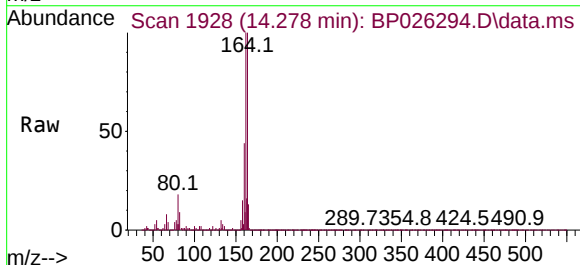
Instrument :  
BNA\_P  
ClientSampleId :  
TP-4

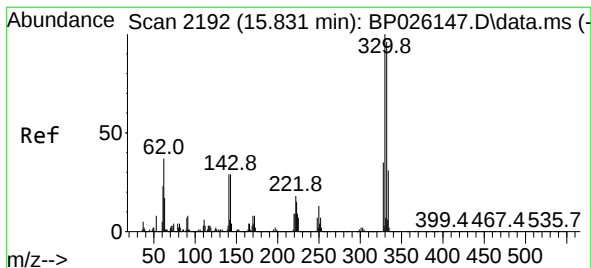
Tgt Ion: 82 Resp: 1288690  
Ion Ratio Lower Upper  
82 100  
128 47.9 37.4 56.0  
54 50.9 41.6 62.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.278 min Scan# 1928  
Delta R.T. -0.012 min  
Lab File: BP026294.D  
Acq: 11 Dec 2025 15:52

Tgt Ion:164 Resp: 554727  
Ion Ratio Lower Upper  
164 100  
162 100.0 80.3 120.5  
160 43.7 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 134.058 ng

RT: 15.795 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP026294.D

Acq: 11 Dec 2025 15:52

Instrument :

BNA\_P

ClientSampleId :

TP-4

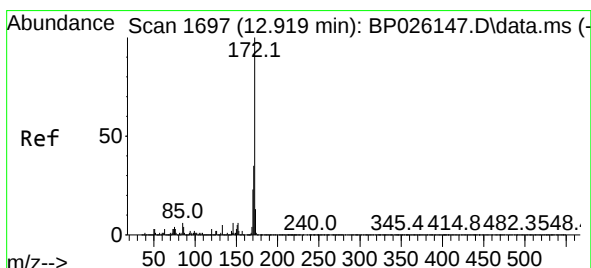
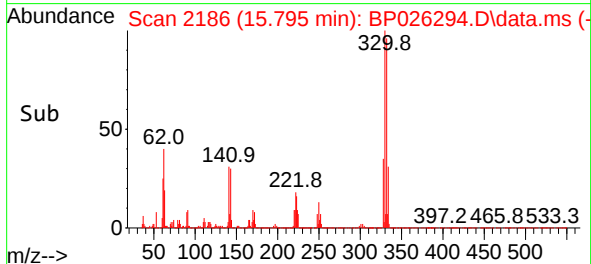
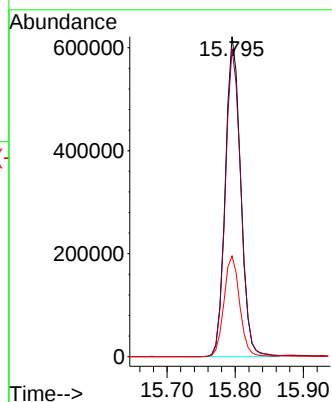
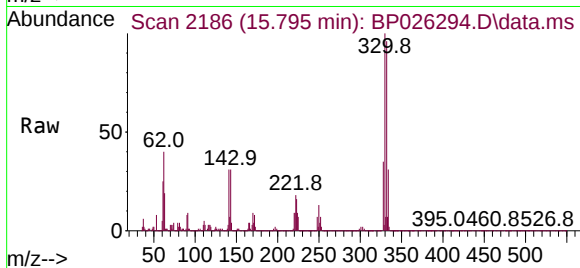
Tgt Ion:330 Resp: 967098

Ion Ratio Lower Upper

330 100

332 96.7 78.0 117.0

141 32.0 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 82.379 ng

RT: 12.889 min Scan# 1692

Delta R.T. -0.012 min

Lab File: BP026294.D

Acq: 11 Dec 2025 15:52

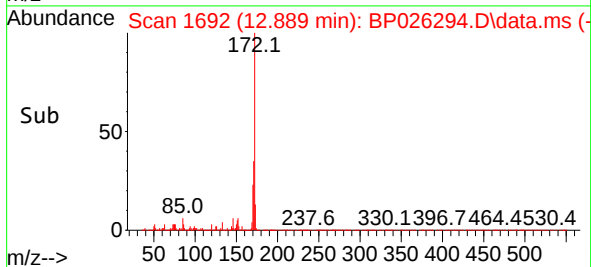
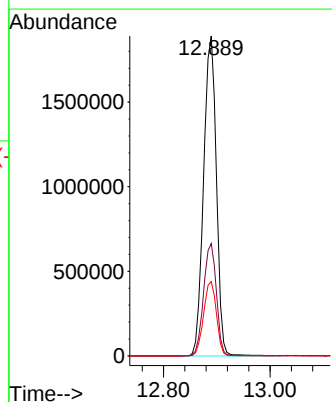
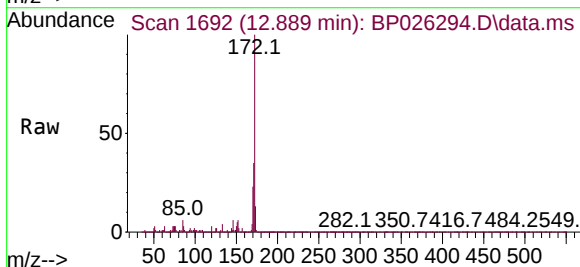
Tgt Ion:172 Resp: 3143156

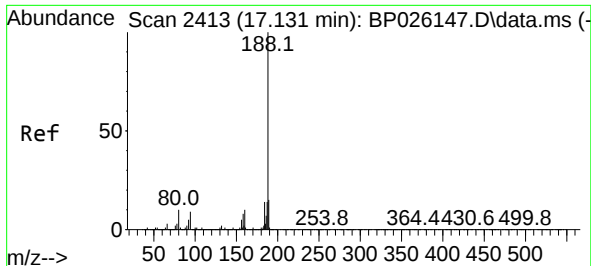
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 18.7 28.1

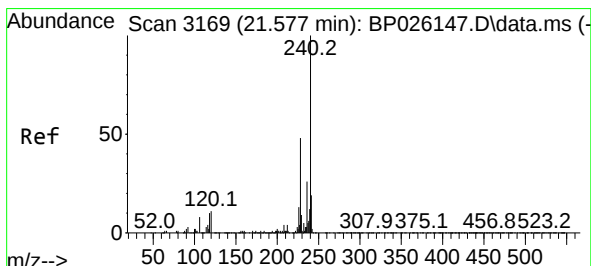
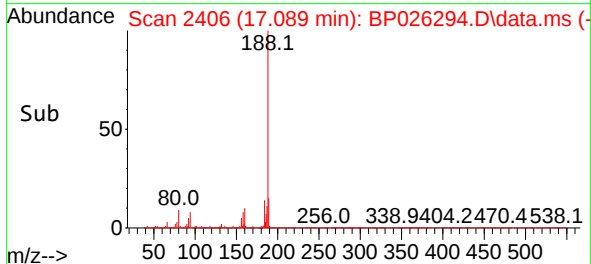
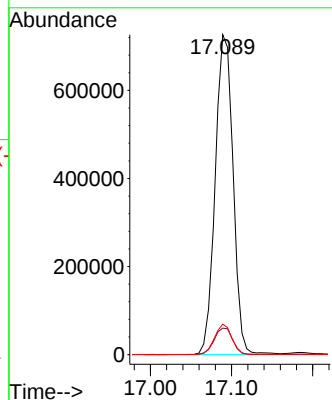
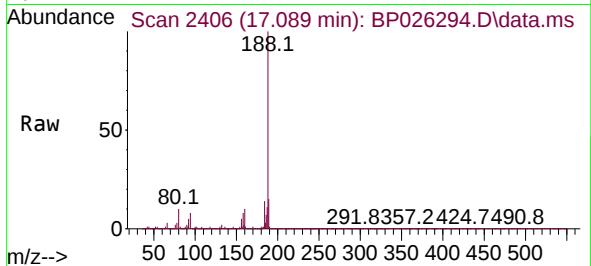




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.089 min Scan# 2413  
Delta R.T. -0.006 min  
Lab File: BP026294.D  
Acq: 11 Dec 2025 15:52

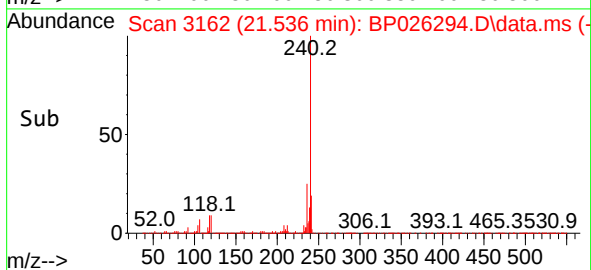
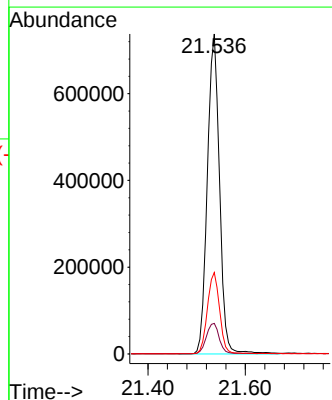
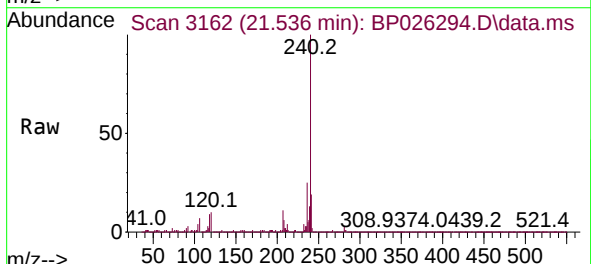
Instrument :  
BNA\_P  
ClientSampleId :  
TP-4

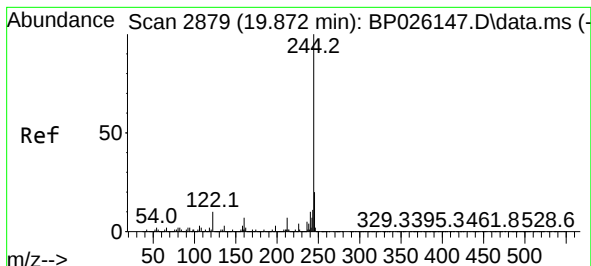
Tgt Ion:188 Resp: 1110467  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.8 11.6  
80 9.5 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.536 min Scan# 3162  
Delta R.T. -0.000 min  
Lab File: BP026294.D  
Acq: 11 Dec 2025 15:52

Tgt Ion:240 Resp: 1285417  
Ion Ratio Lower Upper  
240 100  
120 9.6 9.0 13.4  
236 25.4 20.4 30.6





#79

Terphenyl-d14

Concen: 78.940 ng

RT: 19.830 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BP026294.D

Acq: 11 Dec 2025 15:52

Instrument :

BNA\_P

ClientSampleId :

TP-4

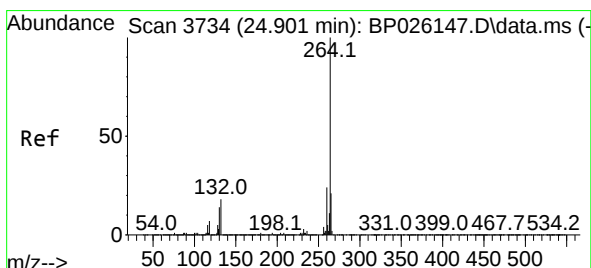
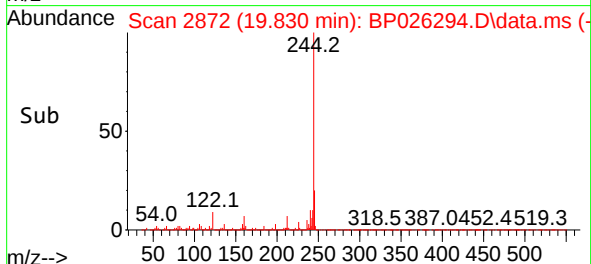
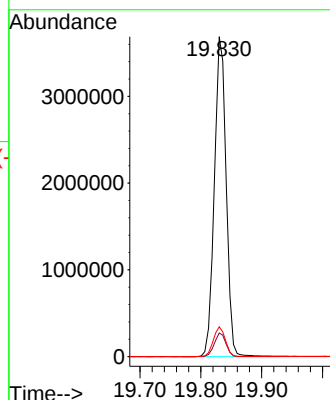
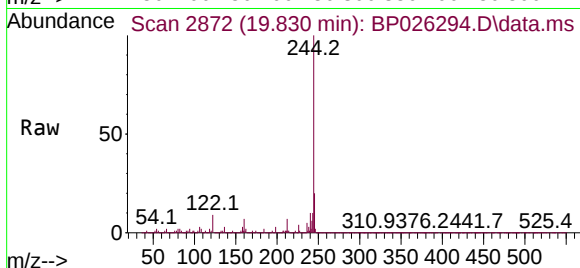
Tgt Ion:244 Resp: 4964522

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 9.3 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.818 min Scan# 3720

Delta R.T. -0.006 min

Lab File: BP026294.D

Acq: 11 Dec 2025 15:52

Tgt Ion:264 Resp: 1471958

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.2 17.5 26.3

