

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120225\  
 Data File : BP026208.D  
 Acq On : 02 Dec 2025 15:12  
 Operator : RC/JU  
 Sample : PB170782BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB170782BL

Quant Time: Dec 02 15:36:43 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 19 01:25:31 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.661  | 152  | 532560   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.425 | 136  | 2071661  | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.295 | 164  | 1317697  | 20.000 | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.107 | 188  | 2698264  | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.548 | 240  | 2878972  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 24.860 | 264  | 3296003  | 20.000 | ng    | -0.05    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.284  | 112  | 1899010  | 57.234 | ng    | 0.00     |
| 7) Phenol-d6                | 6.843  | 99   | 2264823  | 53.618 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.802  | 82   | 1353210  | 37.103 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.813 | 330  | 988362   | 57.820 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.901 | 172  | 3421834  | 38.059 | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.848 | 244  | 5687925  | 40.285 | ng    | -0.02    |

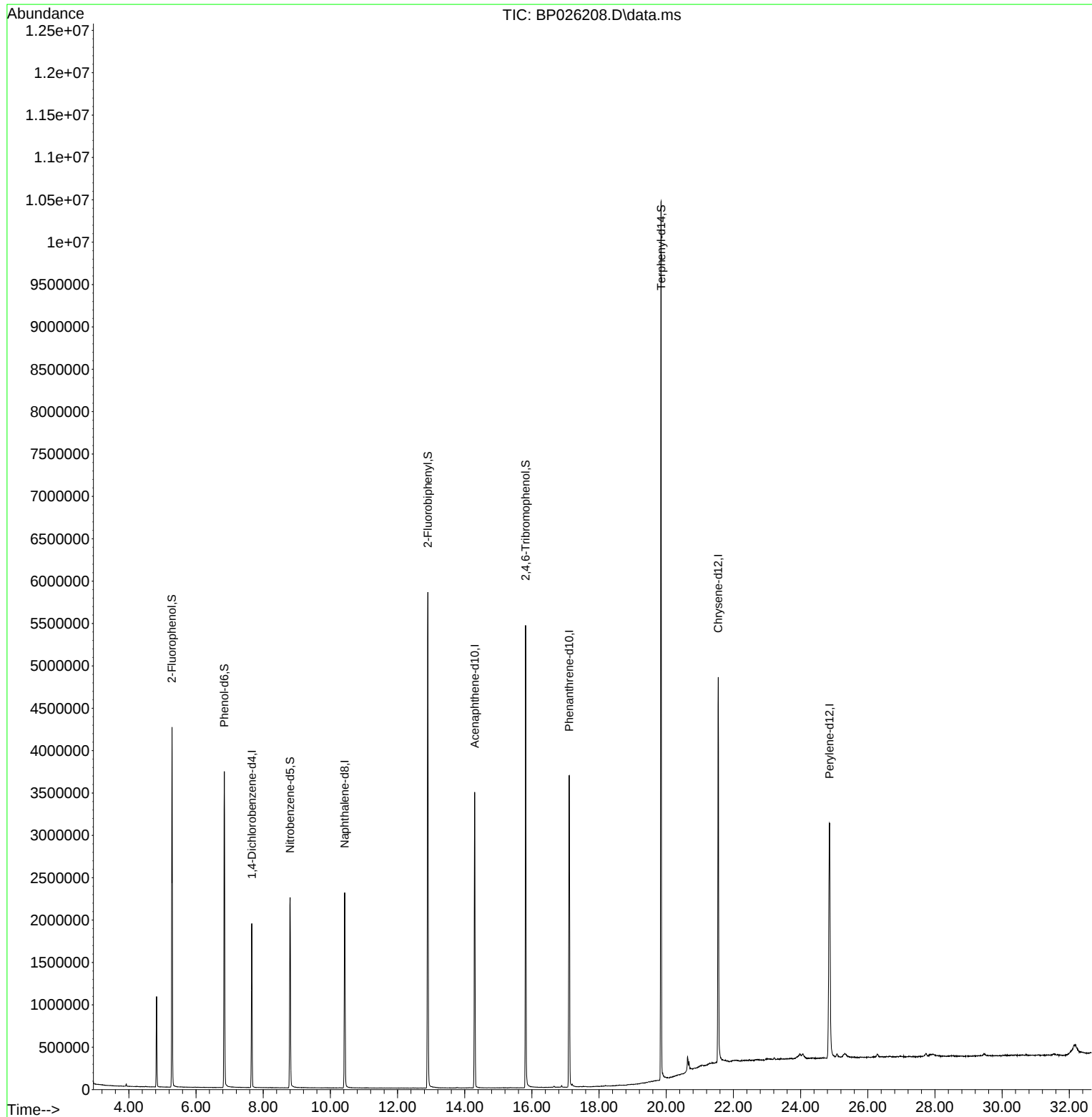
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

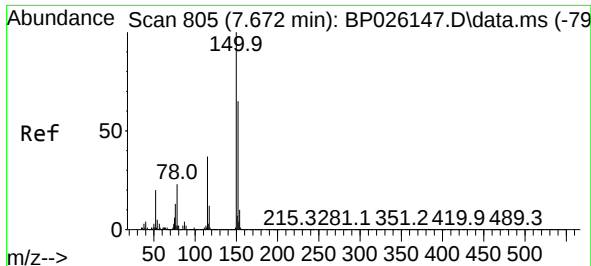
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP111825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 19 01:25:31 2025  
Response via : Initial Calibration

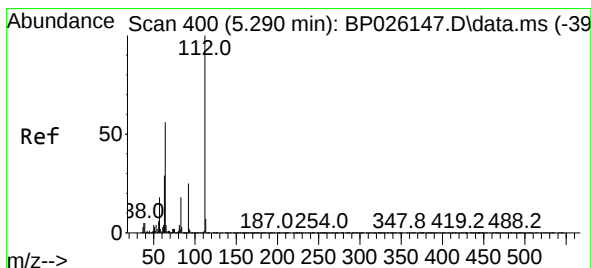
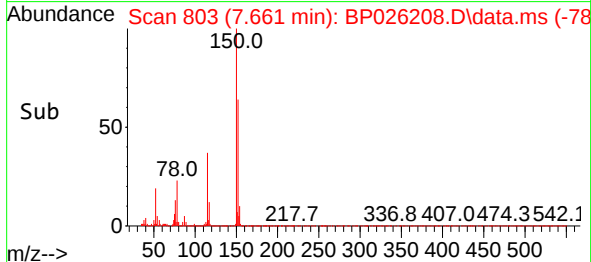
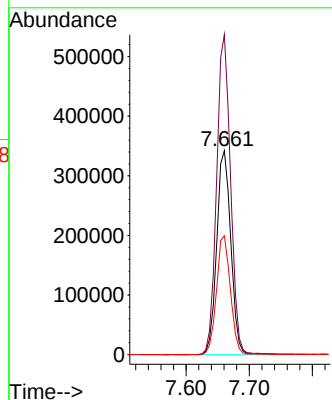
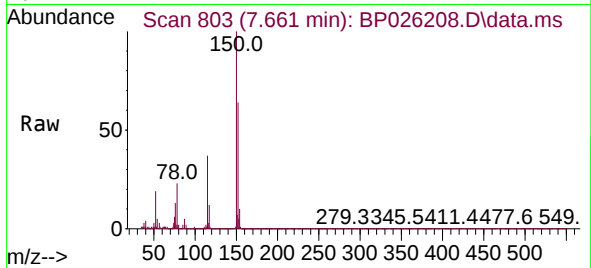




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.661 min Scan# 805  
 Delta R.T. -0.011 min  
 Lab File: BP026208.D  
 Acq: 02 Dec 2025 15:12

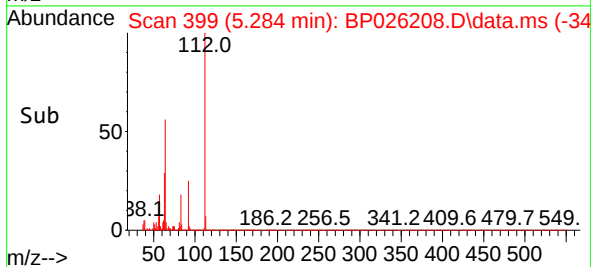
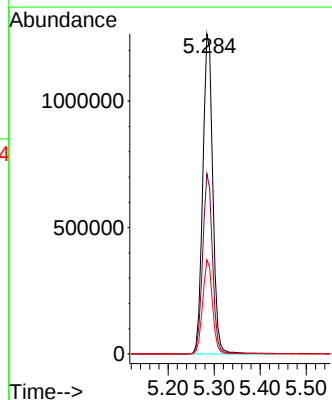
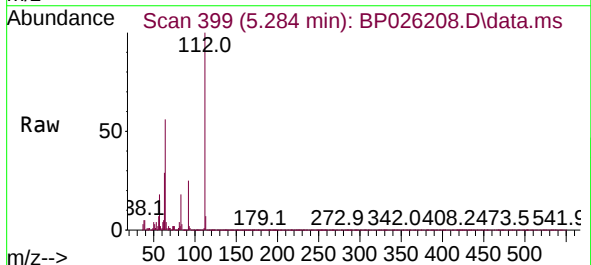
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB170782BL

Tgt Ion:152 Resp: 532560  
 Ion Ratio Lower Upper  
 152 100  
 150 157.0 123.0 184.6  
 115 58.3 46.3 69.5



#5  
 2-Fluorophenol  
 Concen: 57.234 ng  
 RT: 5.284 min Scan# 399  
 Delta R.T. -0.006 min  
 Lab File: BP026208.D  
 Acq: 02 Dec 2025 15:12

Tgt Ion:112 Resp: 1899010  
 Ion Ratio Lower Upper  
 112 100  
 64 56.3 45.8 68.6  
 63 29.4 23.5 35.3

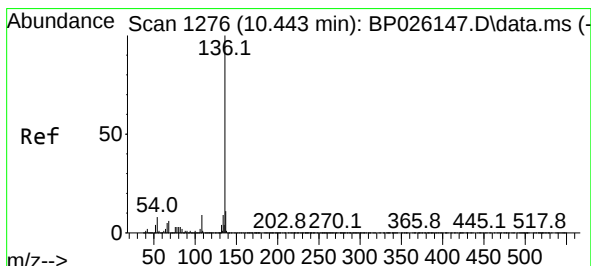
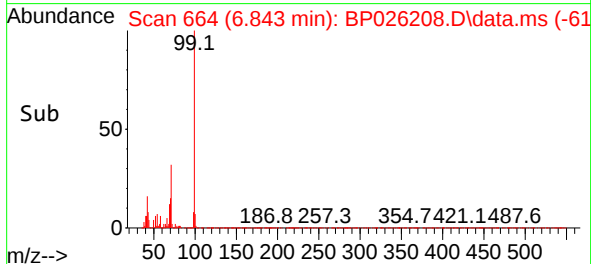
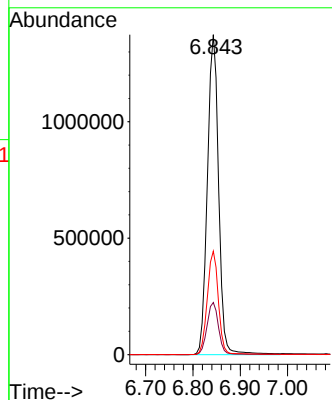
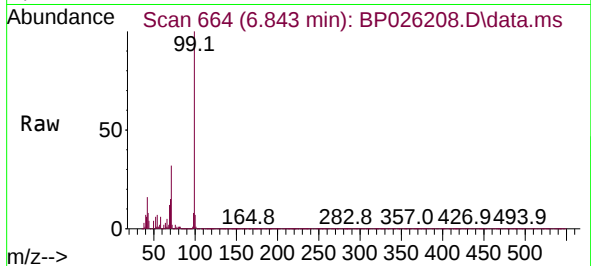




#7  
Phenol-d6  
Concen: 53.618 ng  
RT: 6.843 min Scan# 60  
Delta R.T. -0.012 min  
Lab File: BP026208.D  
Acq: 02 Dec 2025 15:12

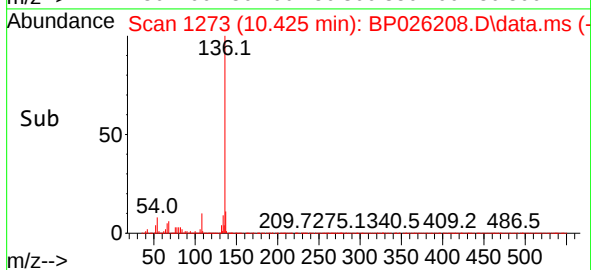
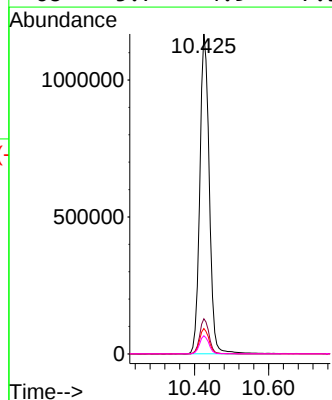
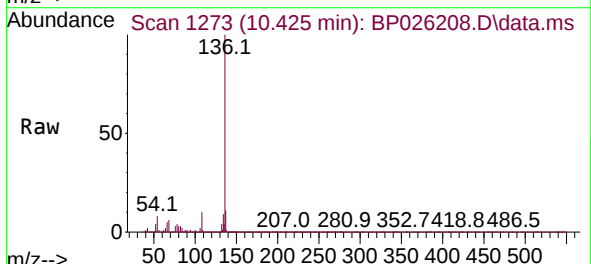
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ClientSampleId :  
PB170782BL

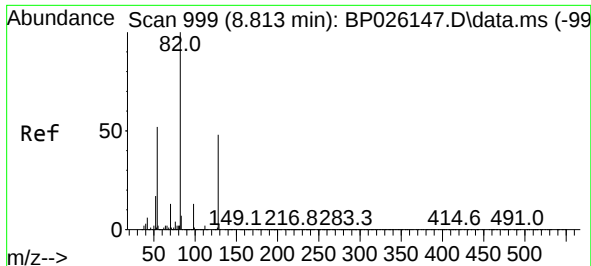
Tgt Ion: 99 Resp: 2264823  
Ion Ratio Lower Upper  
99 100  
42 16.3 12.9 19.3  
71 32.3 24.8 37.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.425 min Scan# 1273  
Delta R.T. -0.023 min  
Lab File: BP026208.D  
Acq: 02 Dec 2025 15:12

Tgt Ion: 136 Resp: 2071661  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 7.9 6.4 9.6  
68 5.7 4.9 7.3

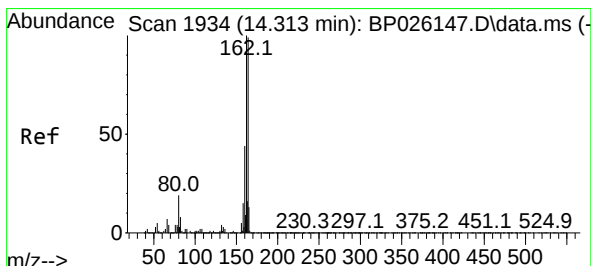
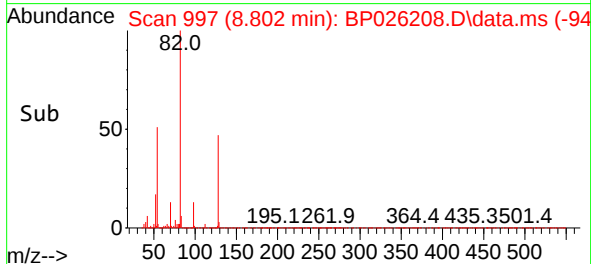
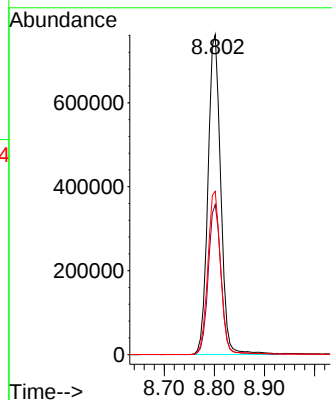
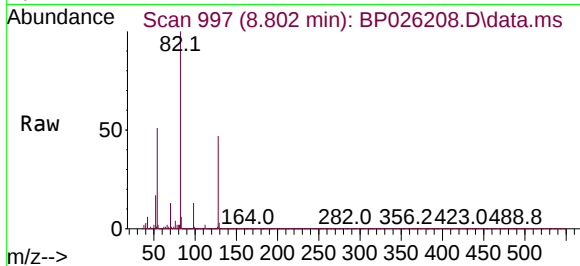




#23  
Nitrobenzene-d5  
Concen: 37.103 ng  
RT: 8.802 min Scan# 999  
Delta R.T. -0.012 min  
Lab File: BP026208.D  
Acq: 02 Dec 2025 15:12

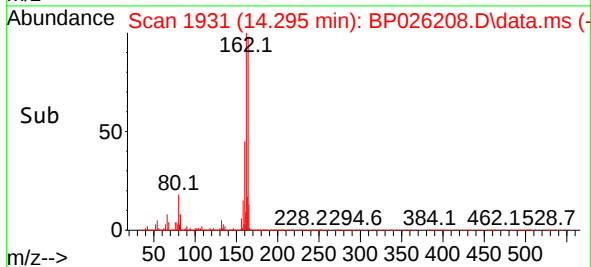
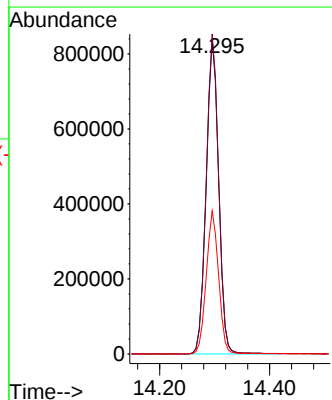
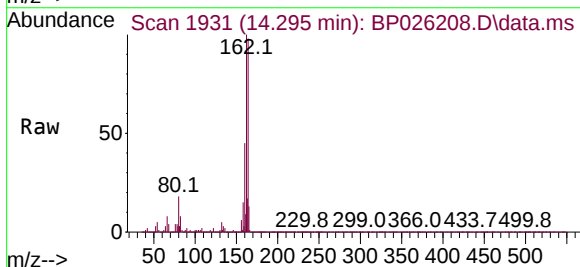
Instrument :  
BNA\_P  
ClientSampleId :  
PB170782BL

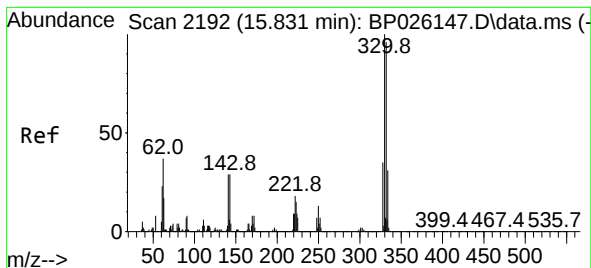
Tgt Ion: 82 Resp: 1353210  
Ion Ratio Lower Upper  
82 100  
128 46.9 37.4 56.0  
54 51.0 41.6 62.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.295 min Scan# 1931  
Delta R.T. -0.029 min  
Lab File: BP026208.D  
Acq: 02 Dec 2025 15:12

Tgt Ion:164 Resp: 1317697  
Ion Ratio Lower Upper  
164 100  
162 101.7 80.3 120.5  
160 45.4 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 57.820 ng

RT: 15.813 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP026208.D

Acq: 02 Dec 2025 15:12

Instrument :

BNA\_P

ClientSampleId :

PB170782BL

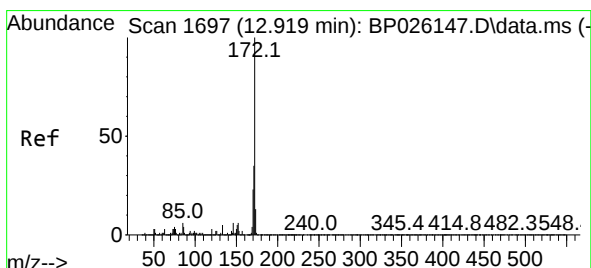
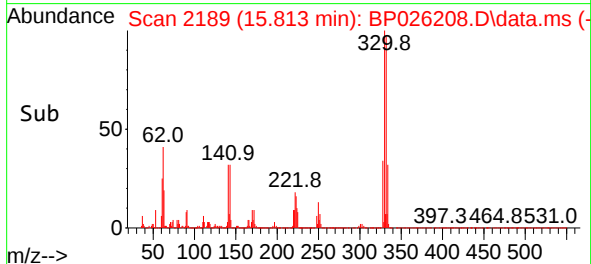
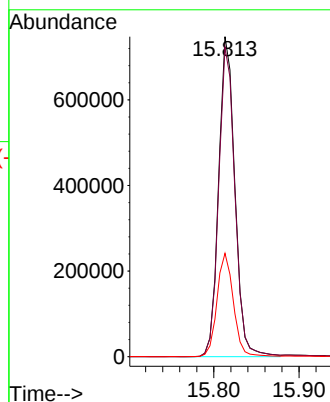
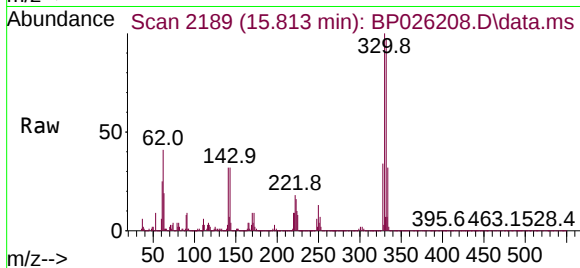
Tgt Ion:330 Resp: 988362

Ion Ratio Lower Upper

330 100

332 97.9 78.0 117.0

141 32.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 38.059 ng

RT: 12.901 min Scan# 1694

Delta R.T. -0.029 min

Lab File: BP026208.D

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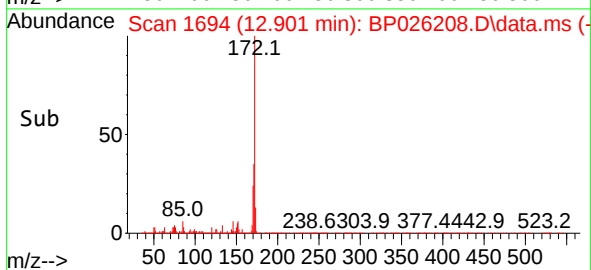
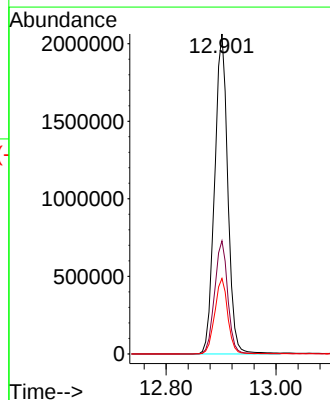
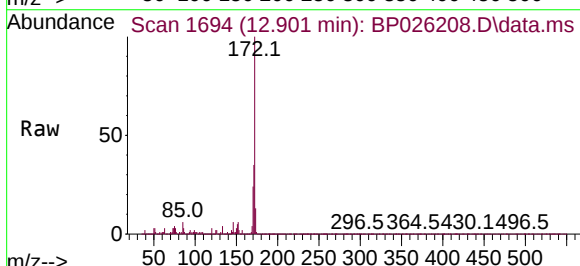
Tgt Ion:172 Resp: 3421834

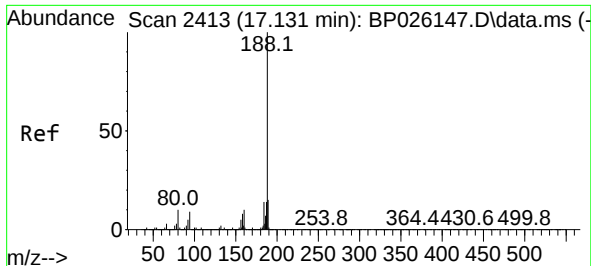
Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.6 18.7 28.1

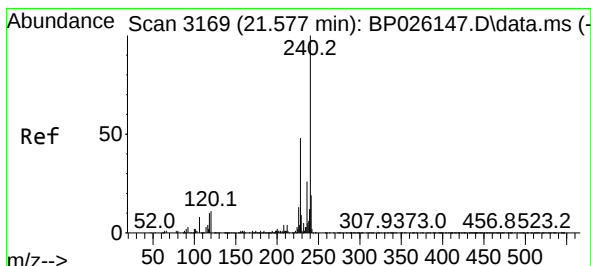
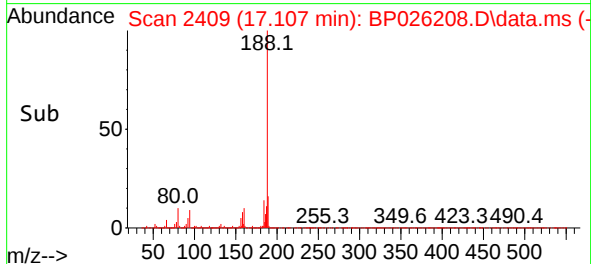
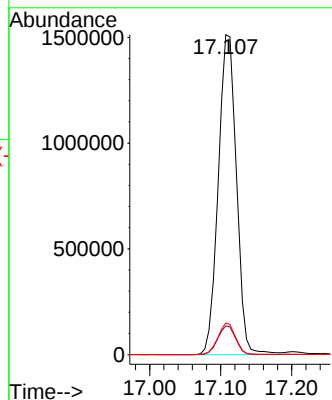
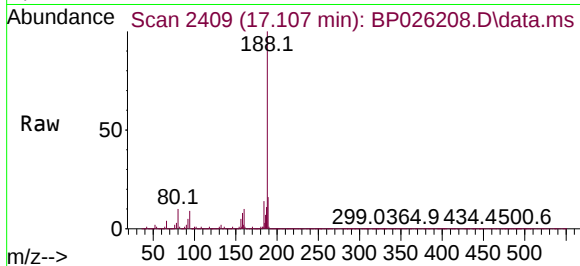




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.107 min Scan# 2413  
Delta R.T. -0.023 min  
Lab File: BP026208.D  
Acq: 02 Dec 2025 15:12

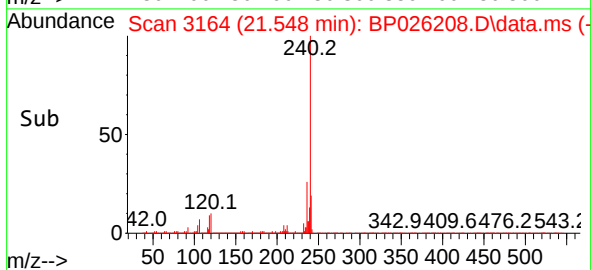
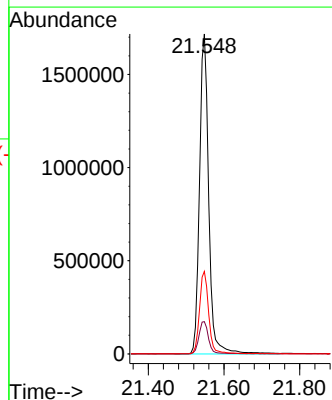
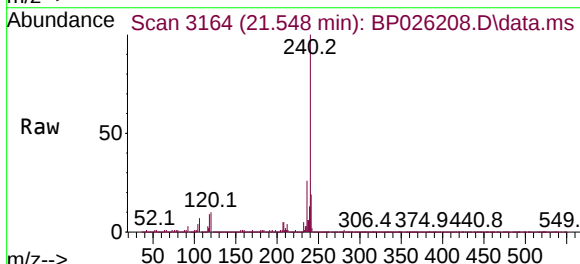
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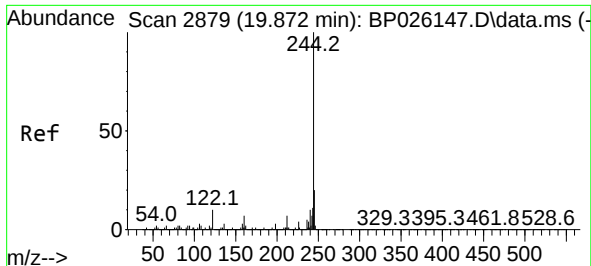
Tgt Ion:188 Resp: 2698264  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.8 11.6  
80 9.9 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.548 min Scan# 3164  
Delta R.T. -0.023 min  
Lab File: BP026208.D  
Acq: 02 Dec 2025 15:12

Tgt Ion:240 Resp: 2878972  
Ion Ratio Lower Upper  
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120 10.1 9.0 13.4  
236 25.8 20.4 30.6

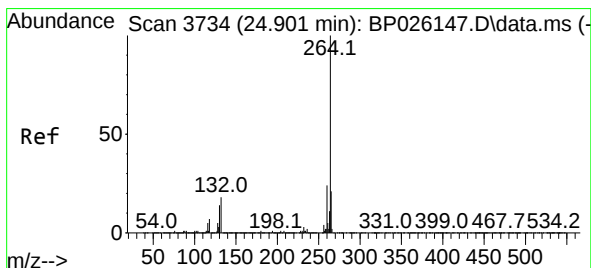
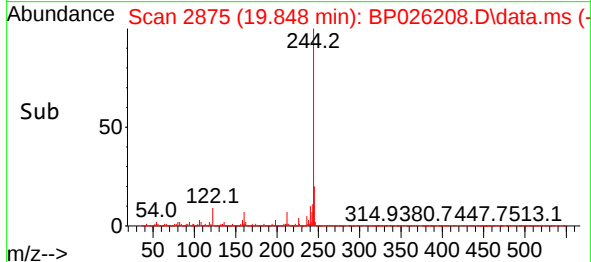
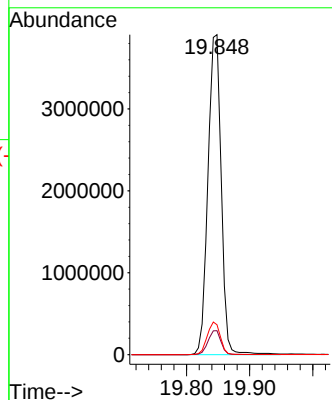
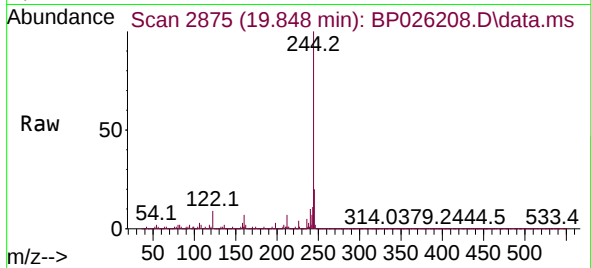




#79  
 Terphenyl-d14  
 Concen: 40.285 ng  
 RT: 19.848 min Scan# 21  
 Delta R.T. -0.023 min  
 Lab File: BP026208.D  
 Acq: 02 Dec 2025 15:12

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB170782BL

Tgt Ion:244 Resp: 5687925  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.8 8.8  
 122 9.3 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.860 min Scan# 3727  
 Delta R.T. -0.047 min  
 Lab File: BP026208.D  
 Acq: 02 Dec 2025 15:12

Tgt Ion:264 Resp: 3296003  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.7 28.1  
 265 21.4 17.5 26.3

