

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041125\  
 Data File : BP024268.D  
 Acq On : 11 Apr 2025 16:21  
 Operator : RC/JU  
 Sample : Q1746-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B-149-SB02

Quant Time: Apr 11 16:55:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 10 11:43:37 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 222405   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.516 | 136  | 876214   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.375 | 164  | 518273   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.181 | 188  | 1059909  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.616 | 240  | 1221352  | 20.000  | ng    | -0.03    |
| 86) Perylene-d12            | 25.004 | 264  | 907401   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.358  | 112  | 1957936  | 140.528 | ng    | 0.00     |
| 7) Phenol-d6                | 6.922  | 99   | 2267588  | 121.706 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.887  | 82   | 1582990  | 101.932 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.892 | 330  | 1172684  | 179.631 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.987 | 172  | 3394706  | 96.582  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.904 | 244  | 6440486  | 108.852 | ng    | -0.01    |

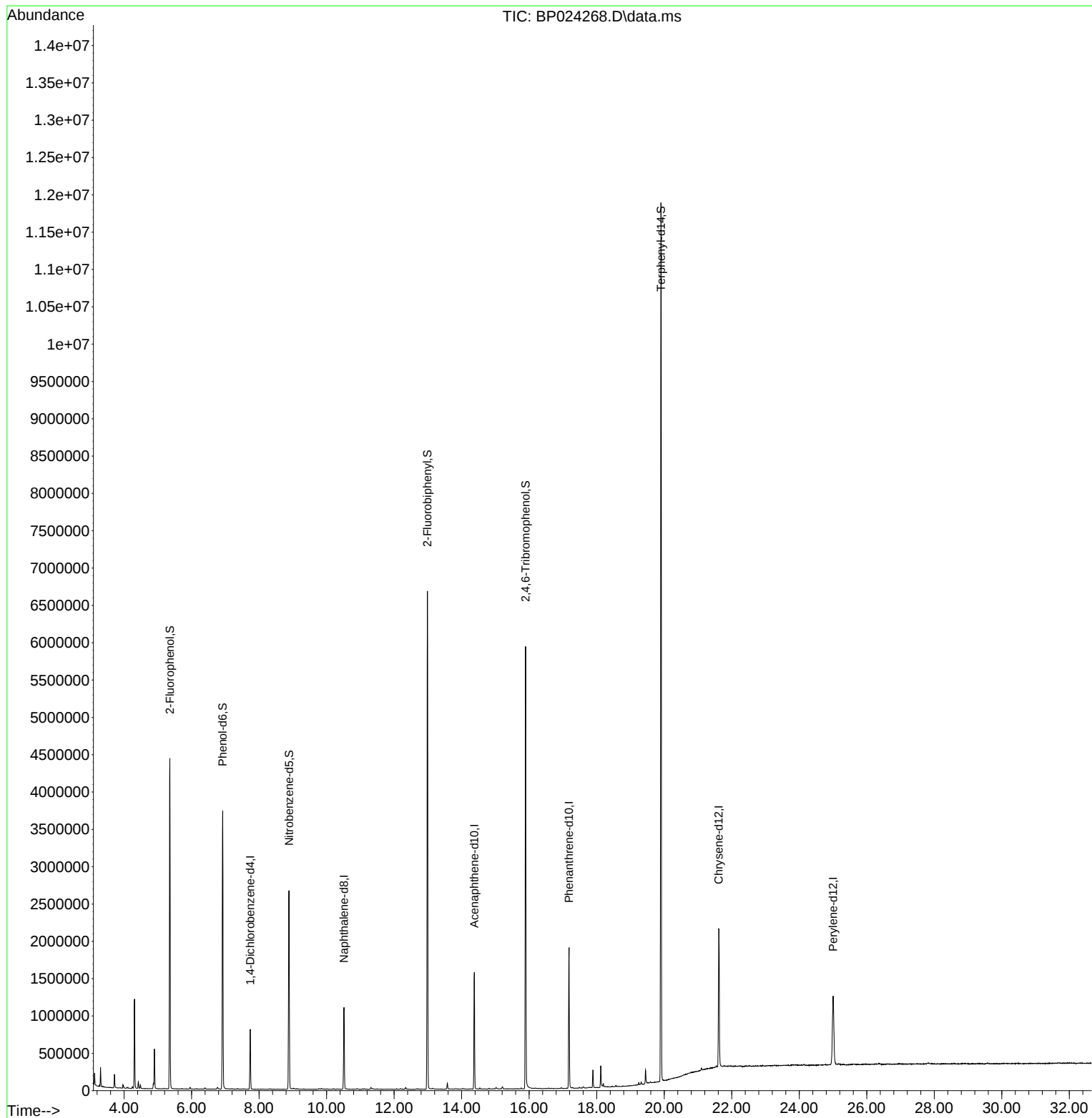
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

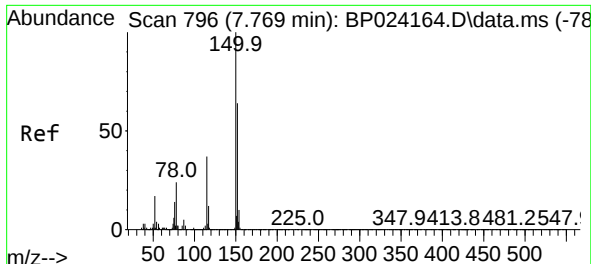
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041125\  
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Sample : Q1746-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 10 11:43:37 2025  
Response via : Initial Calibration

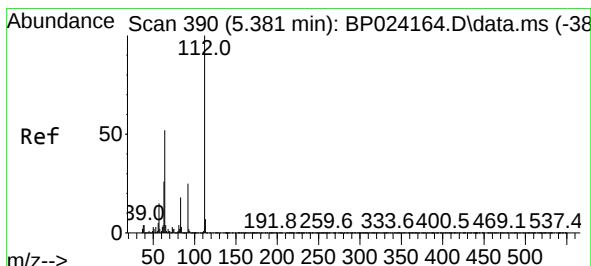
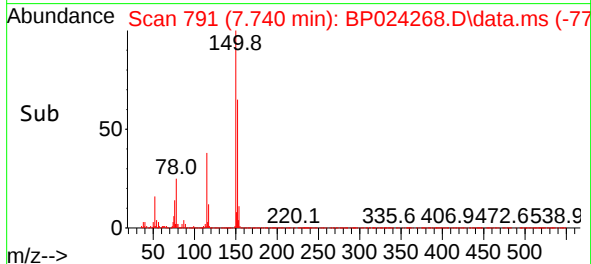
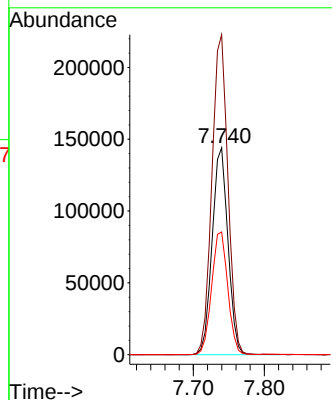
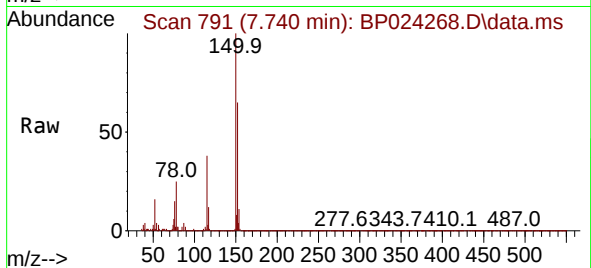




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 796  
Delta R.T. -0.006 min  
Lab File: BP024268.D  
Acq: 11 Apr 2025 16:21

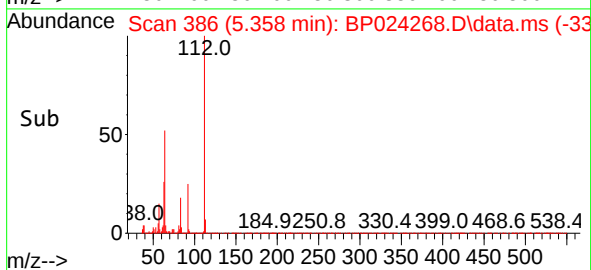
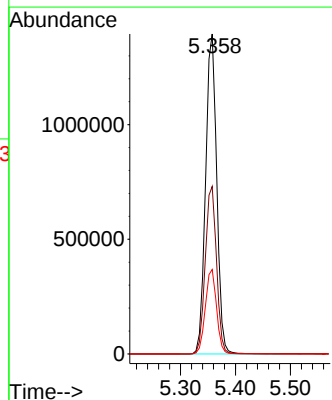
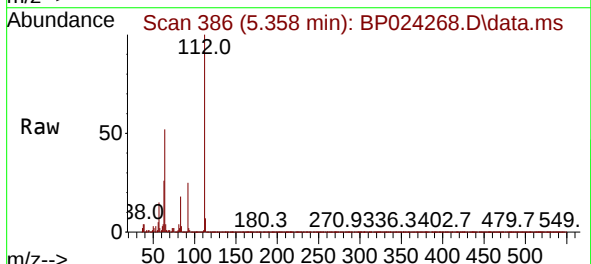
Instrument :  
BNA\_P  
ClientSampleId :  
B-149-SB02

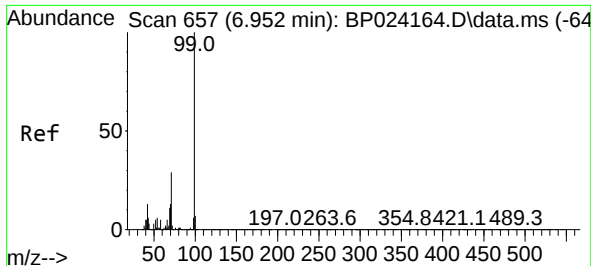
Tgt Ion:152 Resp: 222405  
Ion Ratio Lower Upper  
152 100  
150 154.6 125.5 188.3  
115 59.3 46.3 69.5



#5  
2-Fluorophenol  
Concen: 140.528 ng  
RT: 5.358 min Scan# 386  
Delta R.T. 0.000 min  
Lab File: BP024268.D  
Acq: 11 Apr 2025 16:21

Tgt Ion:112 Resp: 1957936  
Ion Ratio Lower Upper  
112 100  
64 52.4 41.3 61.9  
63 26.4 20.6 31.0



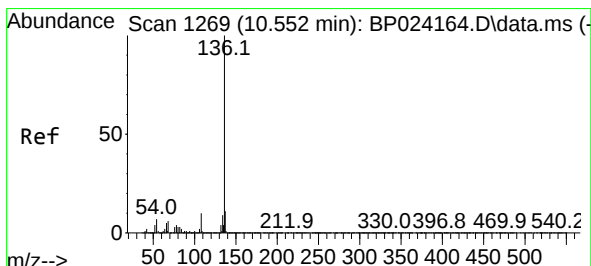
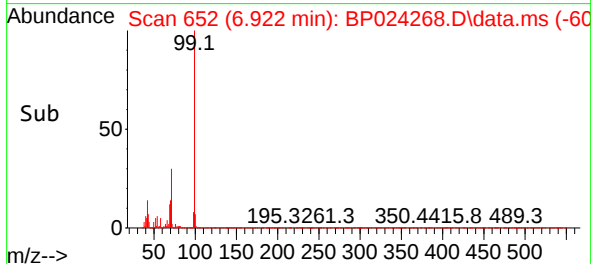
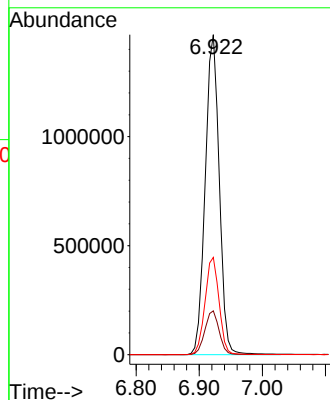
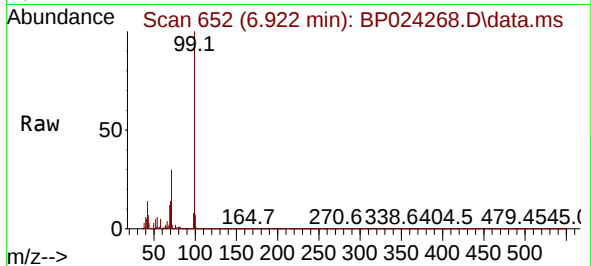


#7  
Phenol-d6  
Concen: 121.706 ng  
RT: 6.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP024268.D  
Acq: 11 Apr 2025 16:21

Instrument :  
BNA\_P  
ClientSampleId :  
B-149-SB02

Tgt Ion: 99 Resp: 2267588

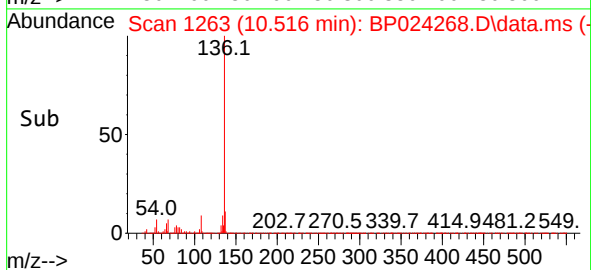
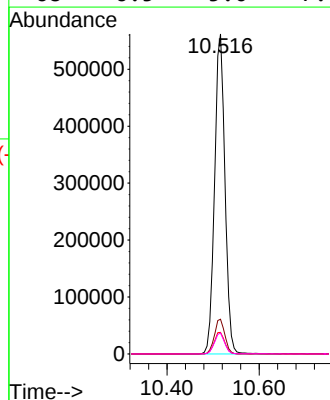
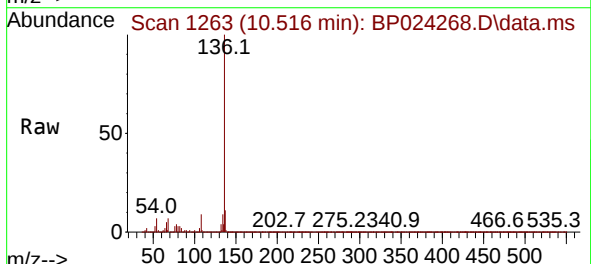
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.7  | 10.6  | 16.0  |
| 71  | 30.4  | 23.3  | 34.9  |

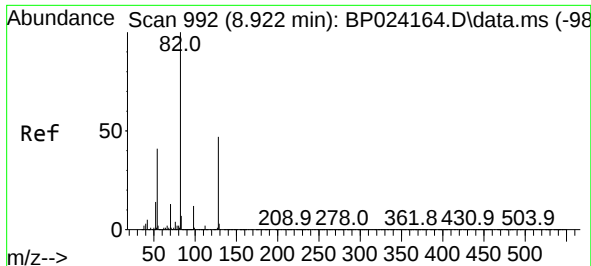


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.516 min Scan# 1263  
Delta R.T. -0.012 min  
Lab File: BP024268.D  
Acq: 11 Apr 2025 16:21

Tgt Ion: 136 Resp: 876214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.0   | 13.4  |
| 54  | 6.7   | 5.3   | 7.9   |
| 68  | 6.5   | 5.0   | 7.4   |

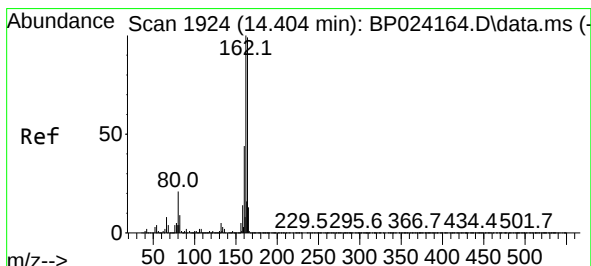
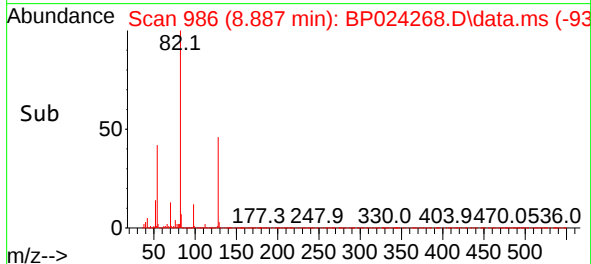
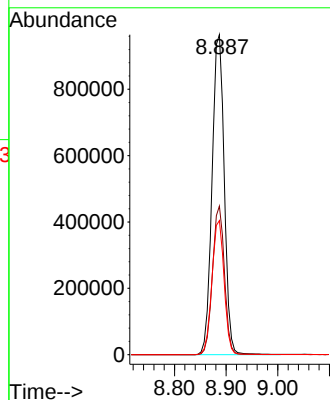
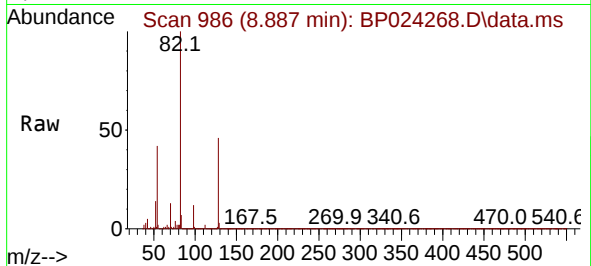




#23  
Nitrobenzene-d5  
Concen: 101.932 ng  
RT: 8.887 min Scan# 919  
Delta R.T. -0.006 min  
Lab File: BP024268.D  
Acq: 11 Apr 2025 16:21

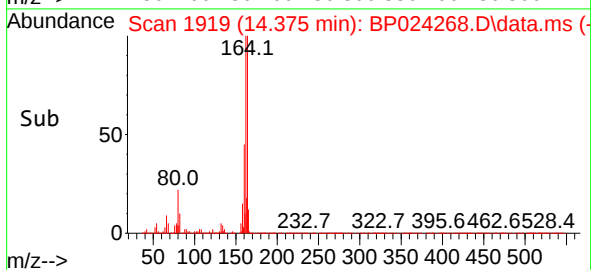
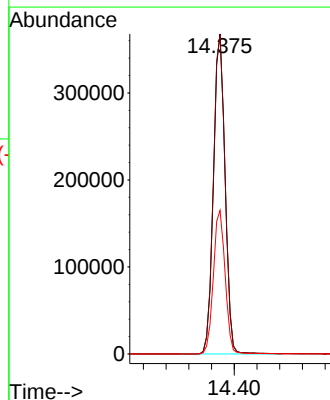
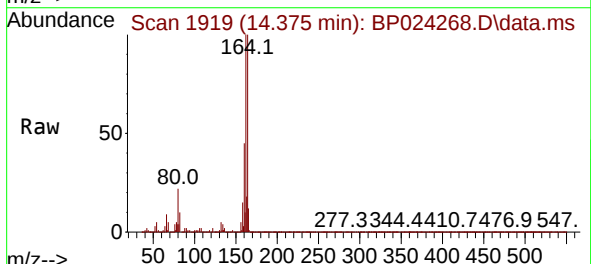
Instrument :  
BNA\_P  
ClientSampleId :  
B-149-SB02

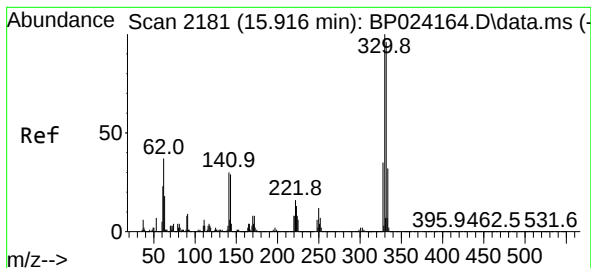
Tgt Ion: 82 Resp: 1582990  
Ion Ratio Lower Upper  
82 100  
128 46.5 37.4 56.0  
54 41.9 32.5 48.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.375 min Scan# 1919  
Delta R.T. -0.018 min  
Lab File: BP024268.D  
Acq: 11 Apr 2025 16:21

Tgt Ion:164 Resp: 518273  
Ion Ratio Lower Upper  
164 100  
162 99.9 80.6 121.0  
160 44.9 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 179.631 ng

RT: 15.892 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BP024268.D

Acq: 11 Apr 2025 16:21

Instrument :

BNA\_P

ClientSampleId :

B-149-SB02

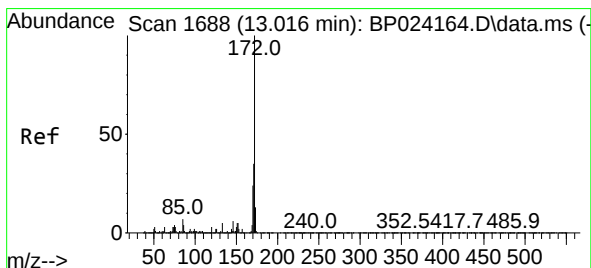
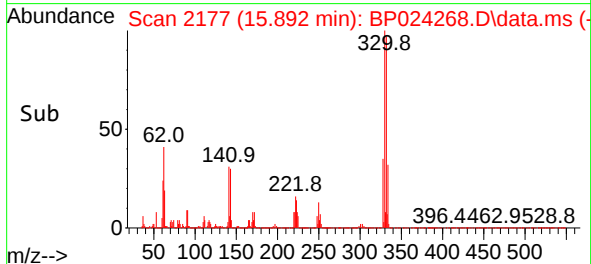
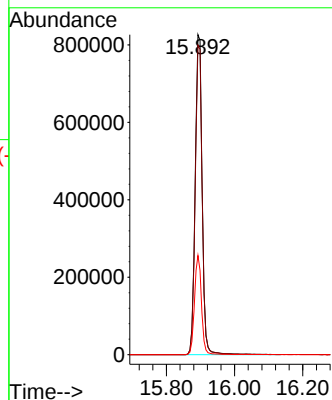
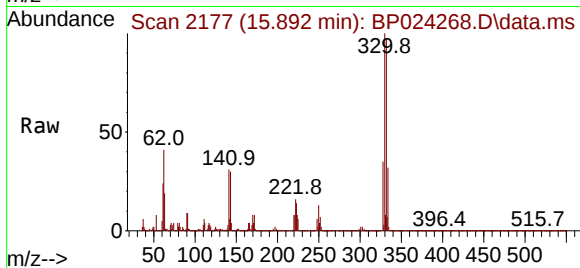
Tgt Ion:330 Resp: 1172684

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 30.8 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 96.582 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.012 min

Lab File: BP024268.D

Acq: 11 Apr 2025 16:21

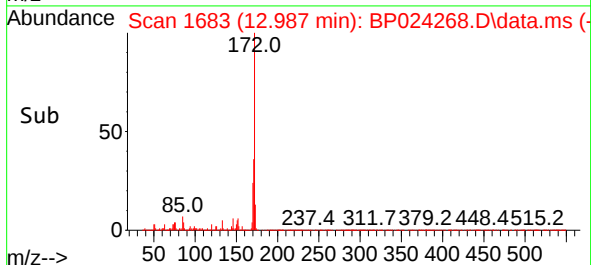
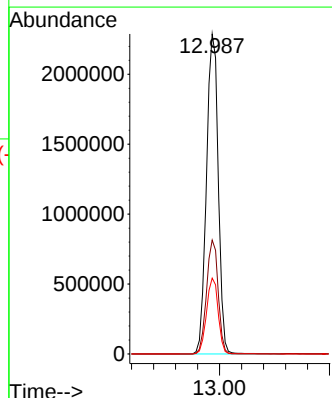
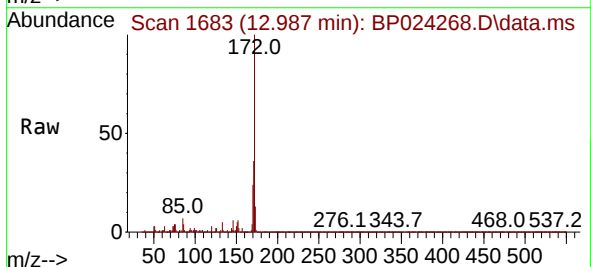
Tgt Ion:172 Resp: 3394706

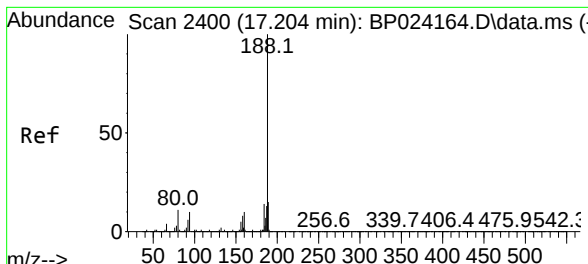
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.7 19.0 28.4



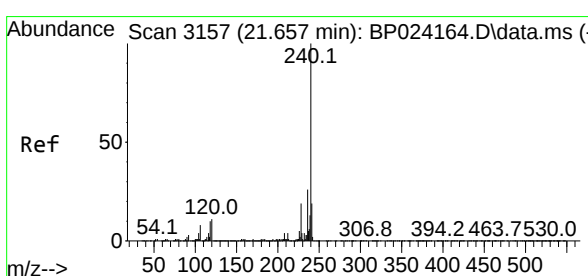
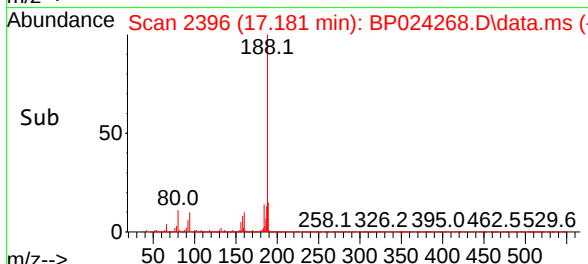
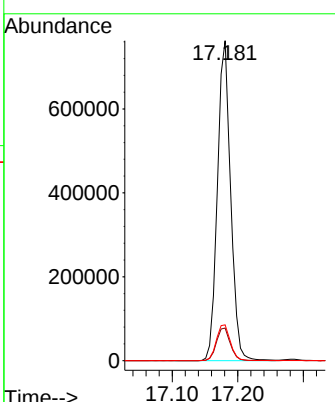
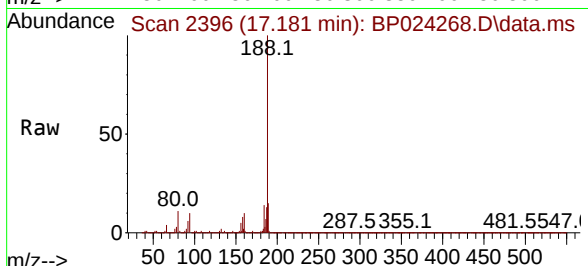


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.181 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP024268.D  
 Acq: 11 Apr 2025 16:21

Instrument :  
 BNA\_P  
 ClientSampleId :  
 B-149-SB02

Tgt Ion:188 Resp: 1059909

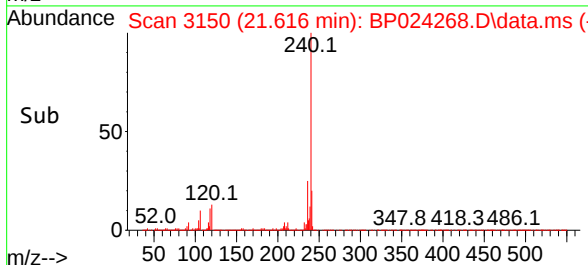
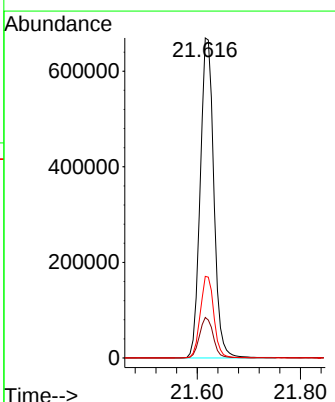
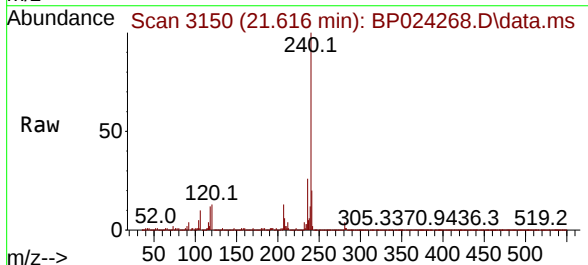
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.2  | 8.1   | 12.1  |
| 80  | 11.2  | 8.9   | 13.3  |

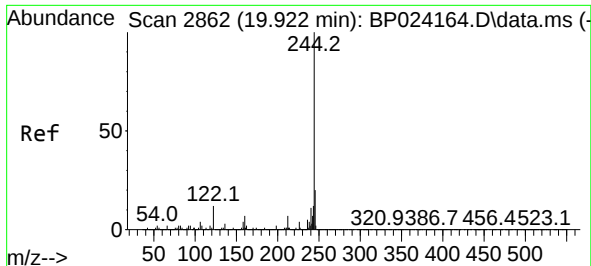


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.616 min Scan# 3150  
 Delta R.T. -0.029 min  
 Lab File: BP024268.D  
 Acq: 11 Apr 2025 16:21

Tgt Ion:240 Resp: 1221352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 12.7  | 9.2   | 13.8  |
| 236 | 25.5  | 20.4  | 30.6  |

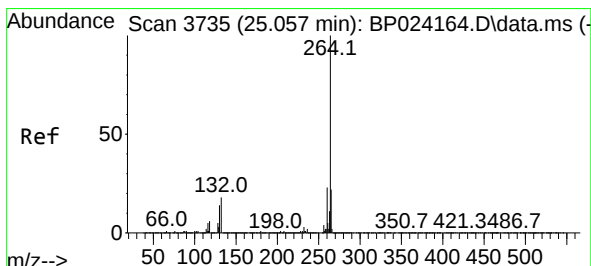
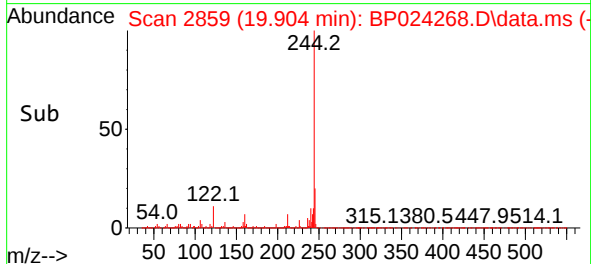
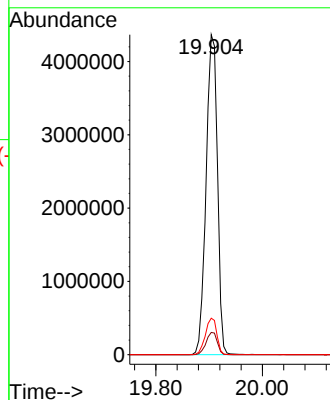
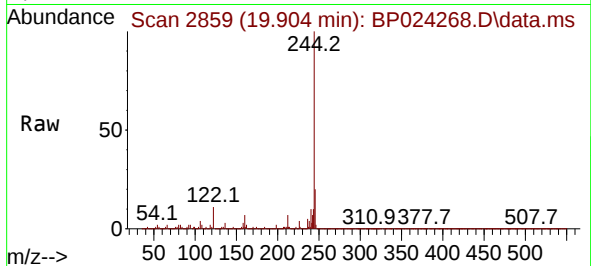




#79  
 Terphenyl-d14  
 Concen: 108.852 ng  
 RT: 19.904 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP024268.D  
 Acq: 11 Apr 2025 16:21

Instrument :  
 BNA\_P  
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 B-149-SB02

Tgt Ion:244 Resp: 6440486  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.7 8.5  
 122 11.4 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.004 min Scan# 3726  
 Delta R.T. -0.006 min  
 Lab File: BP024268.D  
 Acq: 11 Apr 2025 16:21

Tgt Ion:264 Resp: 907401  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 18.5 27.7  
 265 22.0 17.7 26.5

