

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052025\  
 Data File : BP024715.D  
 Acq On : 20 May 2025 20:02  
 Operator : RC/JU  
 Sample : Q2064-08  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RW8-SP303-90-20250514

Quant Time: May 21 01:26:31 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 13 16:21:39 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.658  | 152  | 121733   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.422 | 136  | 471667   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.281 | 164  | 308901   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.086 | 188  | 630051   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.516 | 240  | 688875   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.804 | 264  | 813486   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.293  | 112  | 345450   | 48.536  | ng    | 0.00     |
| 7) Phenol-d6                | 6.863  | 99   | 240629   | 26.490  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 8.805  | 82   | 625798   | 67.037  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.810 | 330  | 833720   | 159.205 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.893 | 172  | 1691360  | 71.735  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.816 | 244  | 3841045  | 95.608  | ng    | 0.00     |

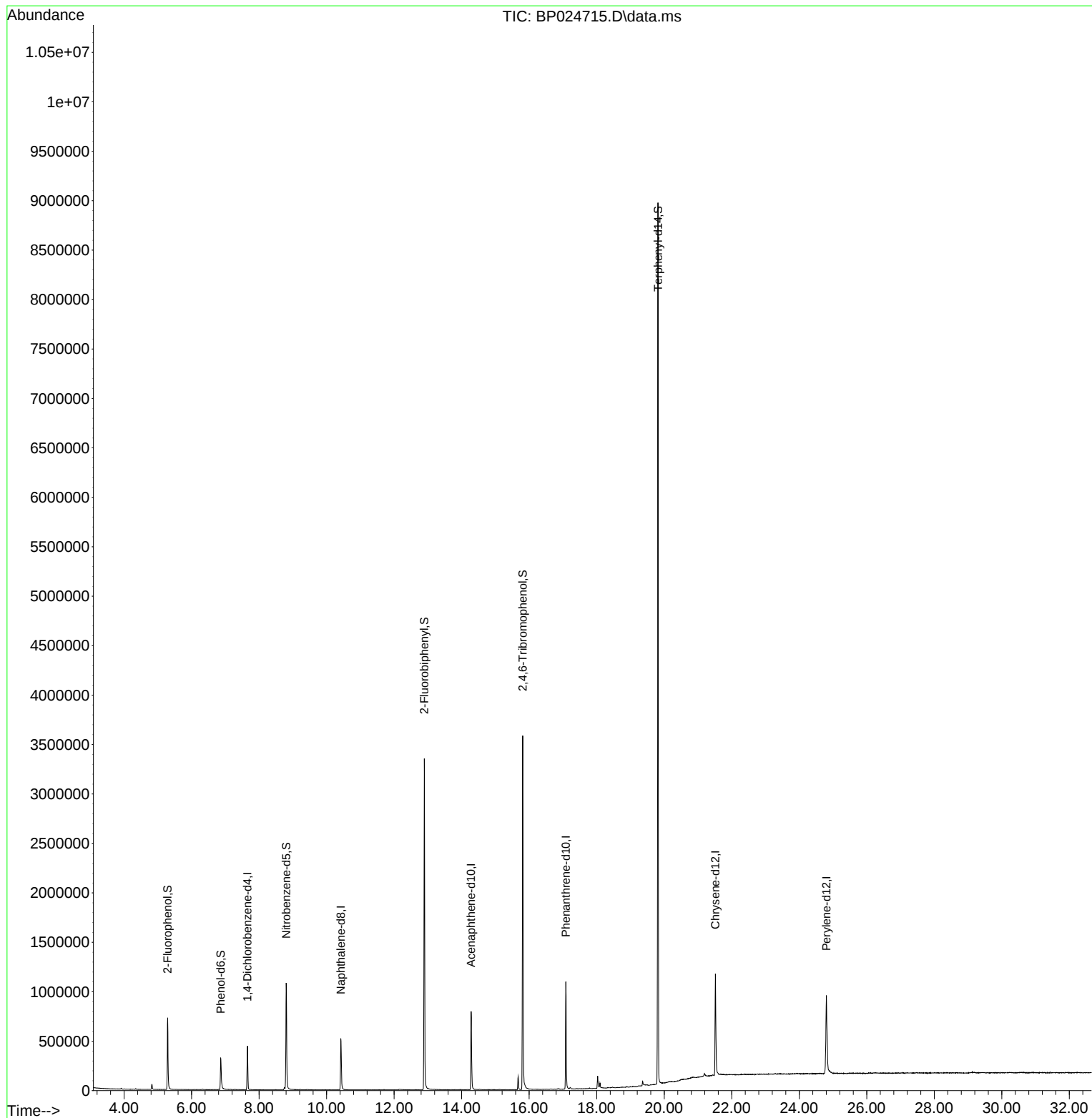
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

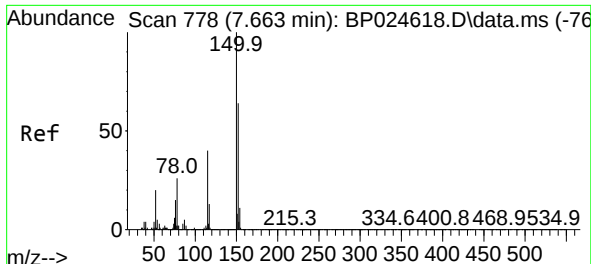
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052025\  
Data File : BP024715.D  
Acq On : 20 May 2025 20:02  
Operator : RC/JU  
Sample : Q2064-08  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
RW8-SP303-90-20250514

Quant Time: May 21 01:26:31 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 13 16:21:39 2025  
Response via : Initial Calibration

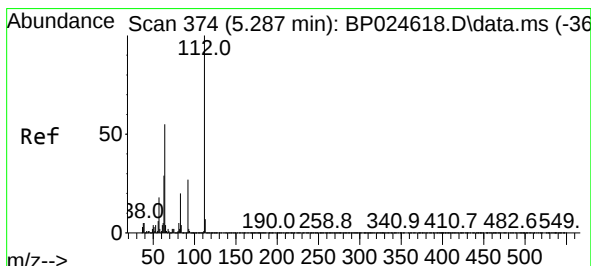
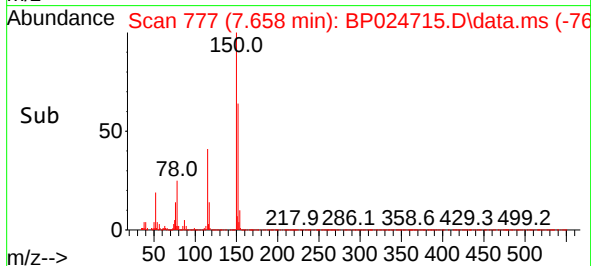
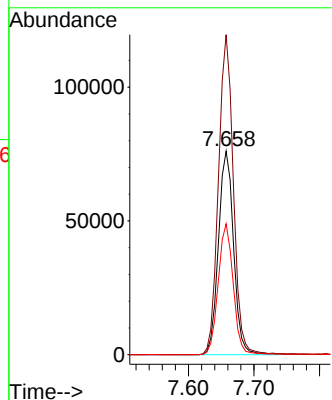
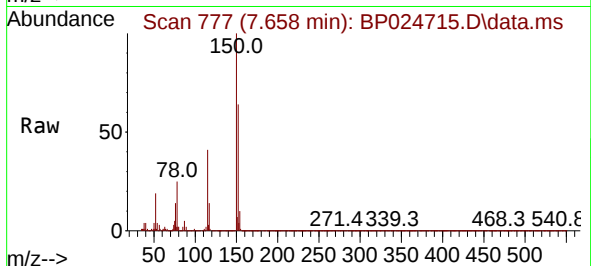




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.658 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: BP024715.D  
Acq: 20 May 2025 20:02

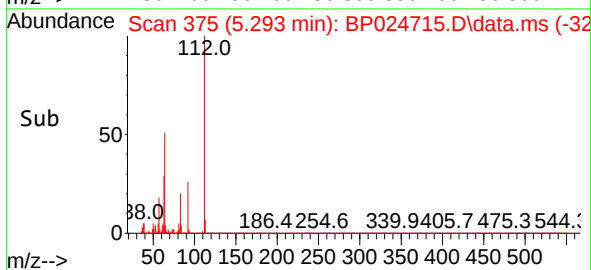
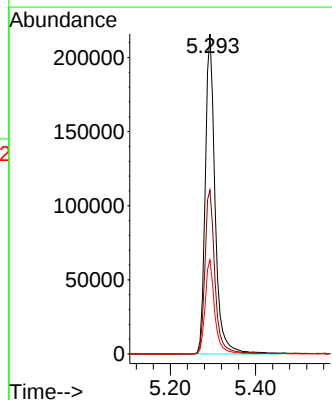
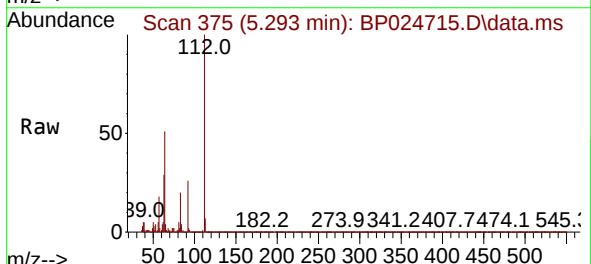
Instrument :  
BNA\_P  
ClientSampleId :  
RW8-SP303-90-20250514

Tgt Ion:152 Resp: 121733  
Ion Ratio Lower Upper  
152 100  
150 157.3 125.9 188.9  
115 64.3 50.1 75.1



#5  
2-Fluorophenol  
Concen: 48.536 ng  
RT: 5.293 min Scan# 375  
Delta R.T. 0.006 min  
Lab File: BP024715.D  
Acq: 20 May 2025 20:02

Tgt Ion:112 Resp: 345450  
Ion Ratio Lower Upper  
112 100  
64 51.2 44.1 66.1  
63 29.4 23.5 35.3

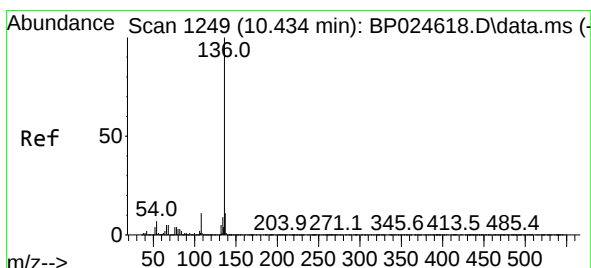
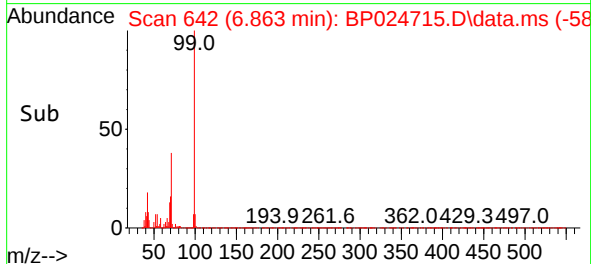
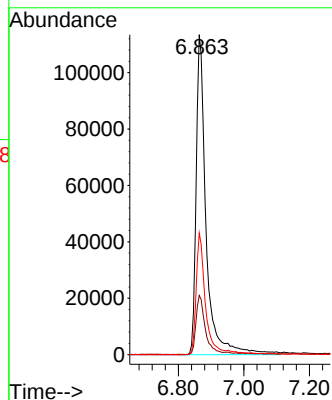
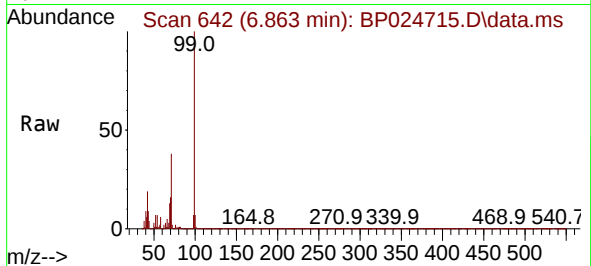




#7  
Phenol-d6  
Concen: 26.490 ng  
RT: 6.863 min Scan# 64  
Delta R.T. 0.012 min  
Lab File: BP024715.D  
Acq: 20 May 2025 20:02

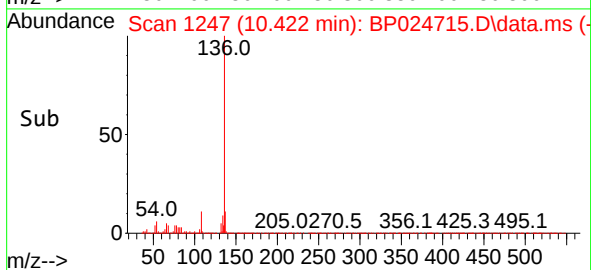
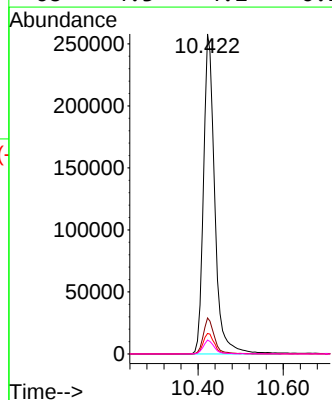
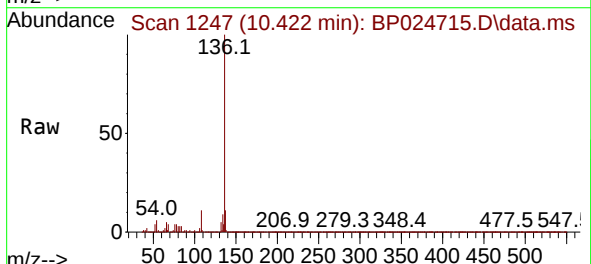
Instrument :  
BNA\_P  
ClientSampleId :  
RW8-SP303-90-20250514

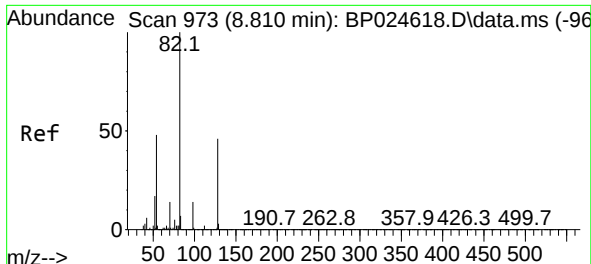
Tgt Ion: 99 Resp: 240629  
Ion Ratio Lower Upper  
99 100  
42 18.5 14.4 21.6  
71 38.0 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.422 min Scan# 1247  
Delta R.T. -0.012 min  
Lab File: BP024715.D  
Acq: 20 May 2025 20:02

Tgt Ion: 136 Resp: 471667  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 6.4 5.5 8.3  
68 4.3 4.2 6.2

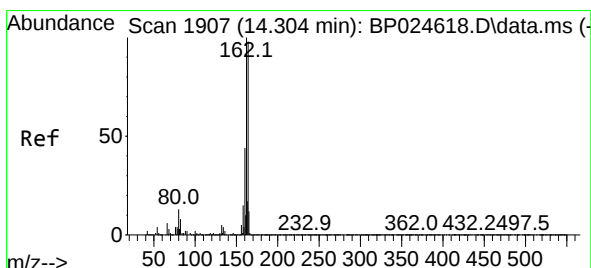
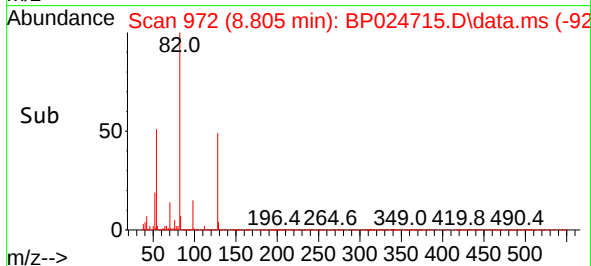
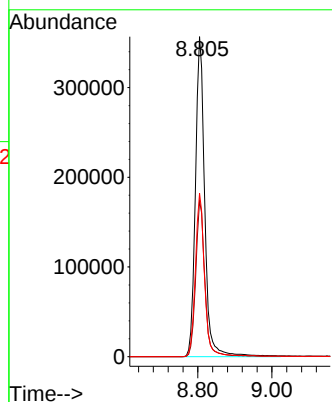
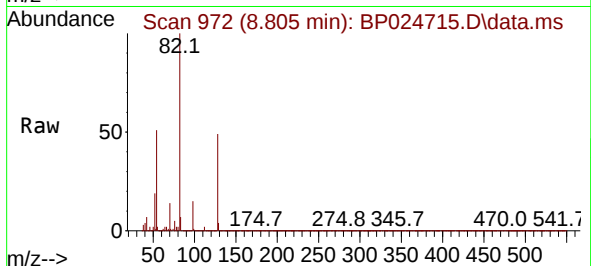




#23  
Nitrobenzene-d5  
Concen: 67.037 ng  
RT: 8.805 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BP024715.D  
Acq: 20 May 2025 20:02

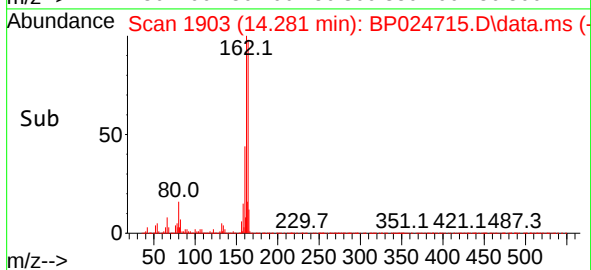
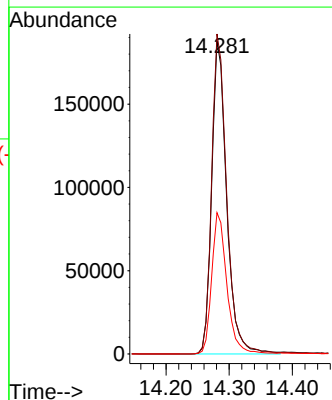
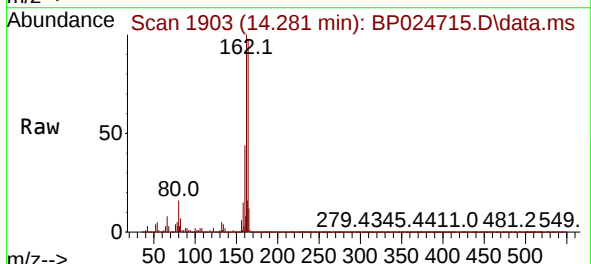
Instrument :  
BNA\_P  
ClientSampleId :  
RW8-SP303-90-20250514

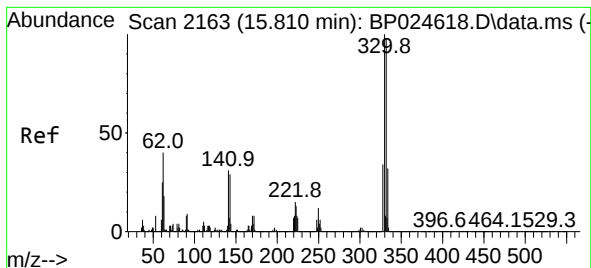
Tgt Ion: 82 Resp: 625798  
Ion Ratio Lower Upper  
82 100  
128 48.7 37.0 55.4  
54 51.1 38.7 58.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.281 min Scan# 1903  
Delta R.T. -0.024 min  
Lab File: BP024715.D  
Acq: 20 May 2025 20:02

Tgt Ion:164 Resp: 308901  
Ion Ratio Lower Upper  
164 100  
162 102.3 81.8 122.6  
160 45.2 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 159.205 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024715.D

Acq: 20 May 2025 20:02

Instrument :

BNA\_P

ClientSampleId :

RW8-SP303-90-20250514

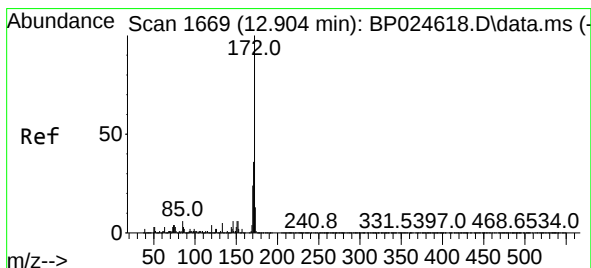
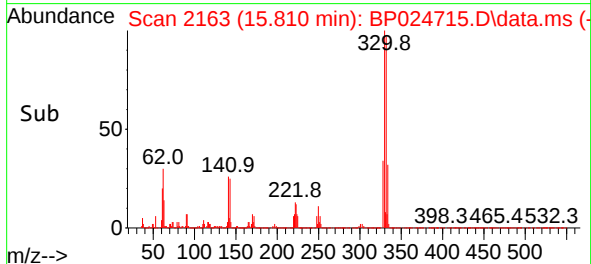
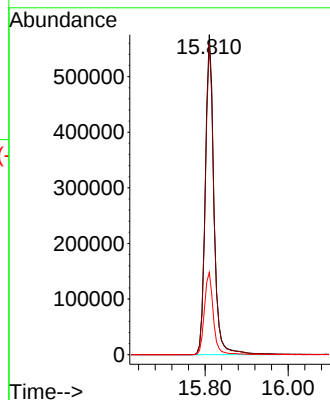
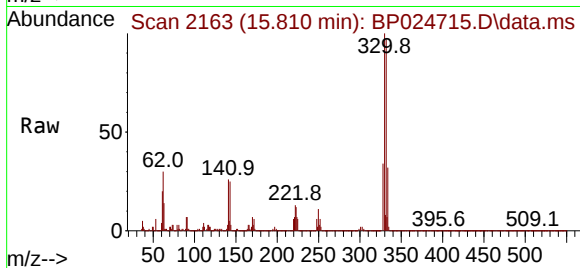
Tgt Ion:330 Resp: 833720

Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

141 26.5 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 71.735 ng

RT: 12.893 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BP024715.D

Acq: 20 May 2025 20:02

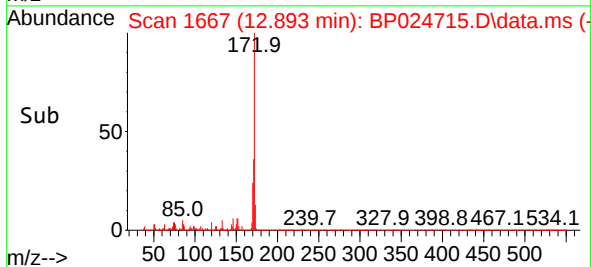
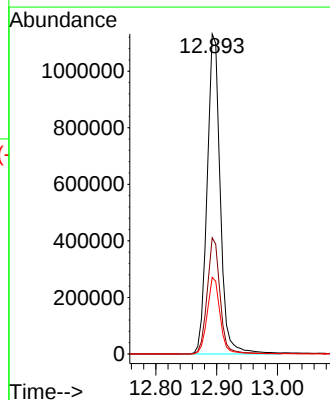
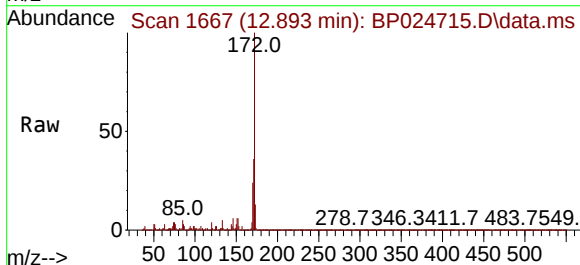
Tgt Ion:172 Resp: 1691360

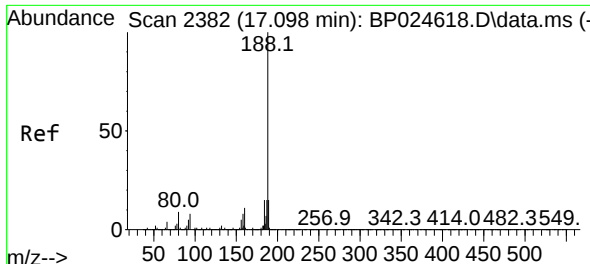
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.0 18.8 28.2

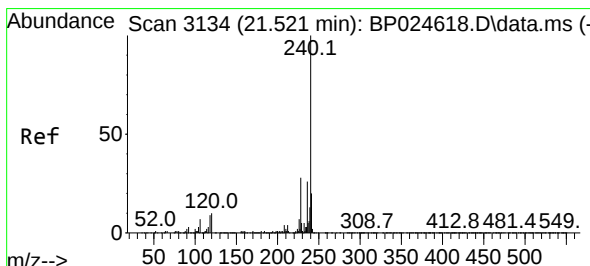
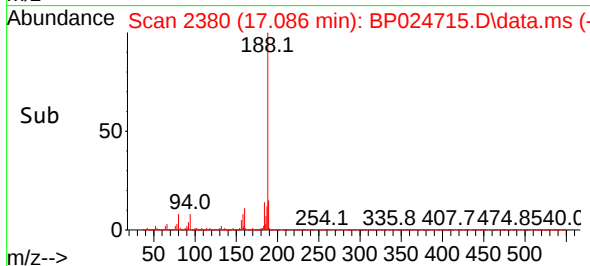
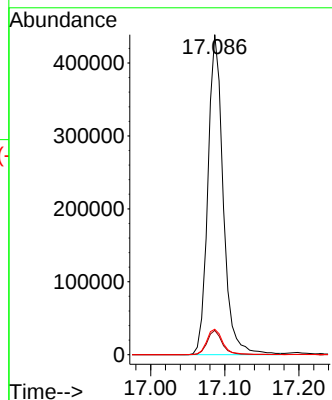
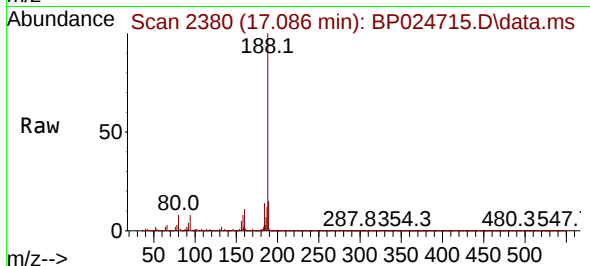




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.086 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP024715.D  
Acq: 20 May 2025 20:02

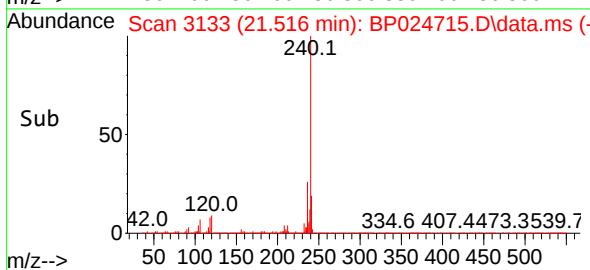
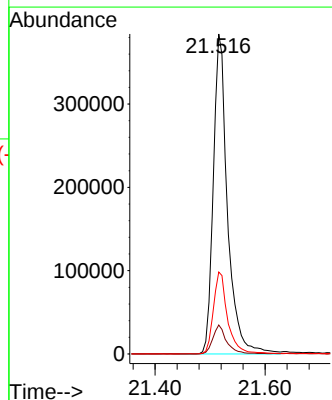
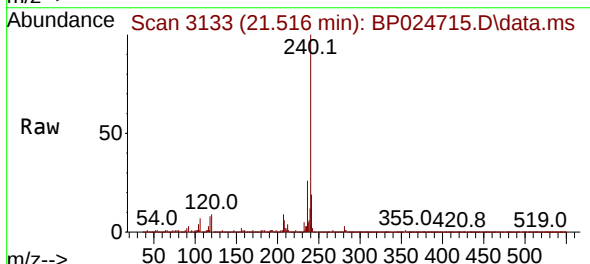
Instrument :  
BNA\_P  
ClientSampleId :  
RW8-SP303-90-20250514

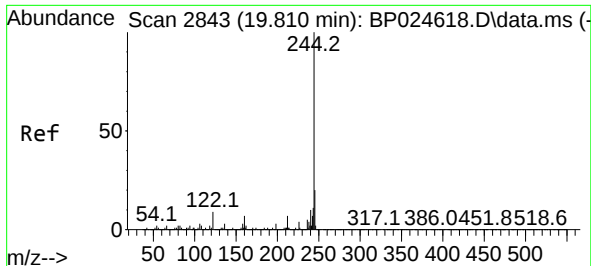
Tgt Ion:188 Resp: 630051  
Ion Ratio Lower Upper  
188 100  
94 7.6 6.5 9.7  
80 8.0 7.3 10.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.516 min Scan# 3133  
Delta R.T. -0.006 min  
Lab File: BP024715.D  
Acq: 20 May 2025 20:02

Tgt Ion:240 Resp: 688875  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.8 11.6  
236 25.6 20.6 31.0

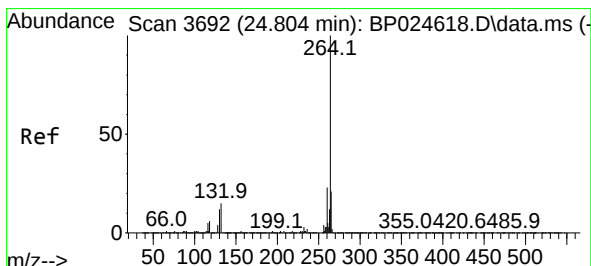
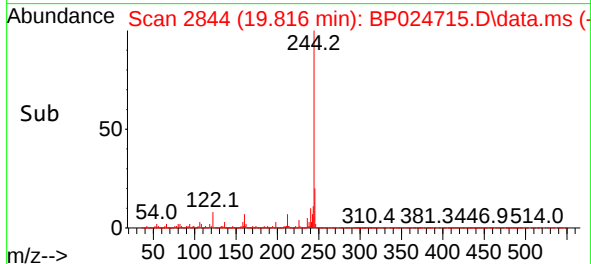
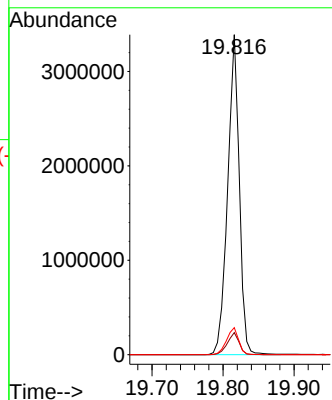
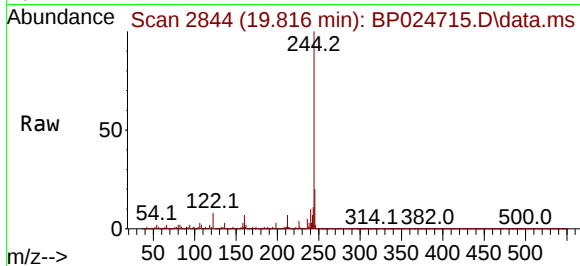




#79  
 Terphenyl-d14  
 Concen: 95.608 ng  
 RT: 19.816 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BP024715.D  
 Acq: 20 May 2025 20:02

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RW8-SP303-90-20250514

Tgt Ion:244 Resp: 3841045  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 8.4 7.4 11.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.804 min Scan# 3692  
 Delta R.T. 0.000 min  
 Lab File: BP024715.D  
 Acq: 20 May 2025 20:02

Tgt Ion:264 Resp: 813486  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.7 28.1  
 265 21.7 17.0 25.6

