

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040825\  
 Data File : BP024219.D  
 Acq On : 08 Apr 2025 19:09  
 Operator : RC/JU  
 Sample : Q1730-07  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-PCS-TC-21-040325

Quant Time: Apr 09 01:02:15 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 05:55:58 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 344884   | 20.000 | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.516 | 136  | 1325237  | 20.000 | ng    | -0.04    |
| 39) Acenaphthene-d10        | 14.375 | 164  | 771593   | 20.000 | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.186 | 188  | 1471523  | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.633 | 240  | 1620391  | 20.000 | ng    | -0.02    |
| 86) Perylene-d12            | 25.021 | 264  | 1759028  | 20.000 | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.358  | 112  | 1904353  | 88.142 | ng    | -0.02    |
| 7) Phenol-d6                | 6.922  | 99   | 2398018  | 82.999 | ng    | -0.03    |
| 23) Nitrobenzene-d5         | 8.887  | 82   | 1406535  | 59.882 | ng    | -0.04    |
| 42) 2,4,6-Tribromophenol    | 15.898 | 330  | 854009   | 87.868 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 12.987 | 172  | 3021460  | 57.741 | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.910 | 244  | 4676065  | 59.569 | ng    | -0.01    |

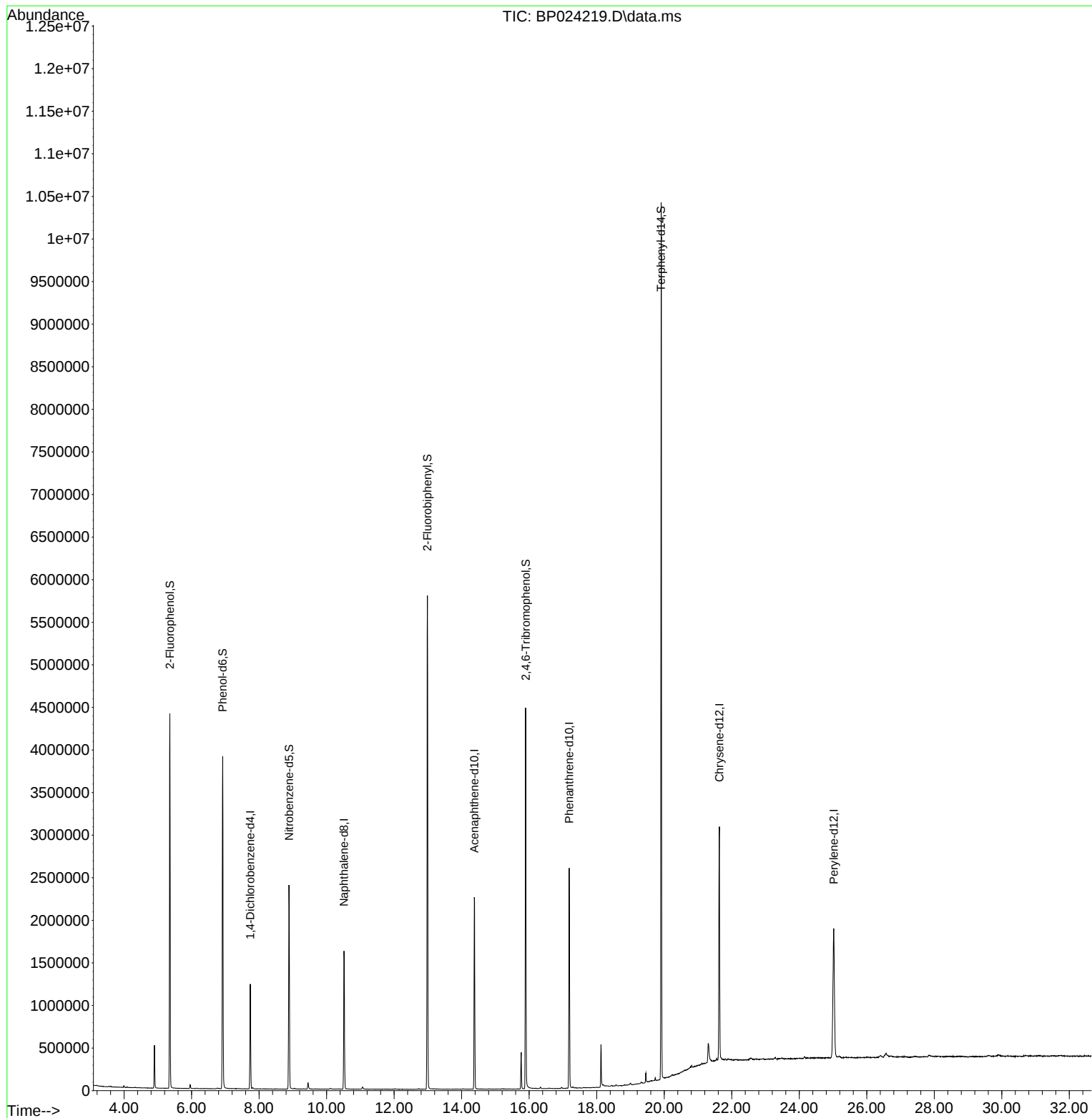
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

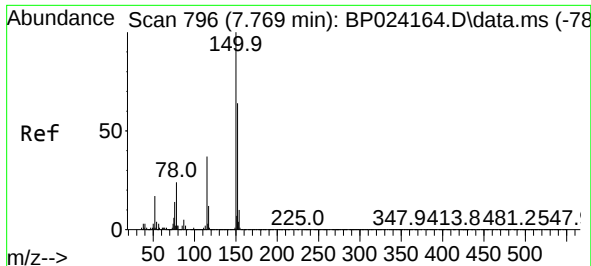
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040825\  
Data File : BP024219.D  
Acq On : 08 Apr 2025 19:09  
Operator : RC/JU  
Sample : Q1730-07  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
OU4-PCS-TC-21-040325

Quant Time: Apr 09 01:02:15 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP031225.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 13 05:55:58 2025  
Response via : Initial Calibration

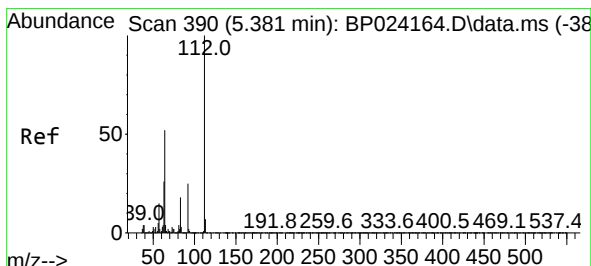
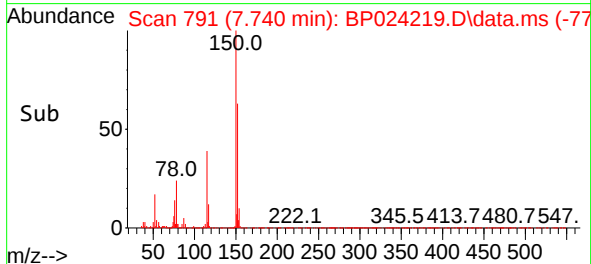
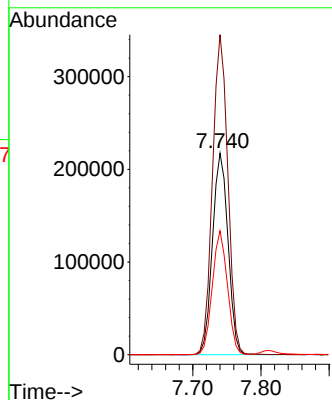
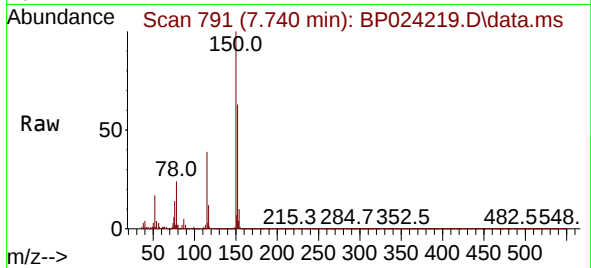




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 796  
Delta R.T. -0.029 min  
Lab File: BP024219.D  
Acq: 08 Apr 2025 19:09

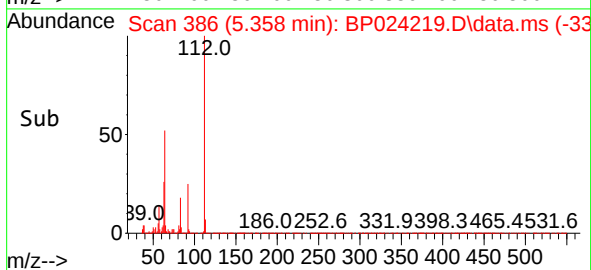
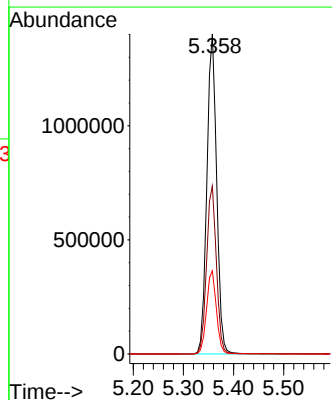
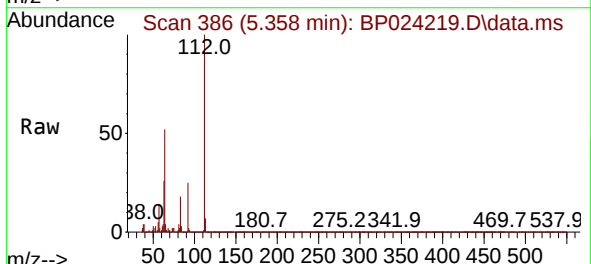
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-PCS-TC-21-040325

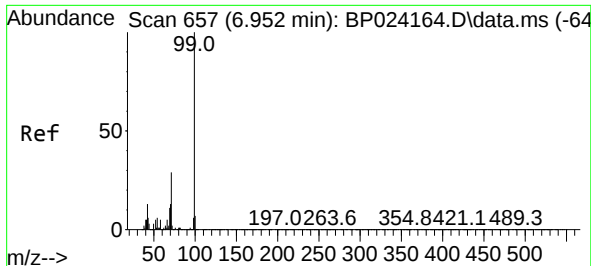
Tgt Ion:152 Resp: 344884  
Ion Ratio Lower Upper  
152 100  
150 158.9 125.5 188.3  
115 61.5 46.3 69.5



#5  
2-Fluorophenol  
Concen: 88.142 ng  
RT: 5.358 min Scan# 386  
Delta R.T. -0.024 min  
Lab File: BP024219.D  
Acq: 08 Apr 2025 19:09

Tgt Ion:112 Resp: 1904353  
Ion Ratio Lower Upper  
112 100  
64 52.4 41.3 61.9  
63 26.0 20.6 31.0

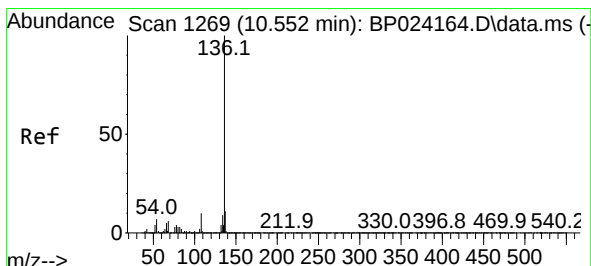
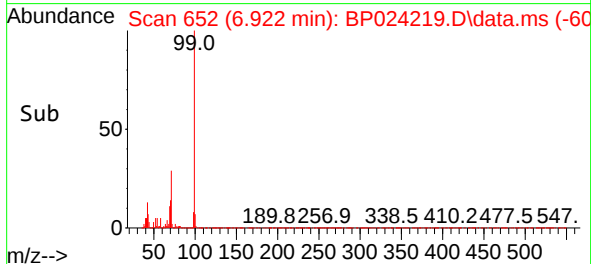
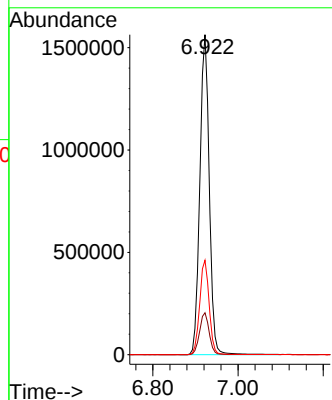
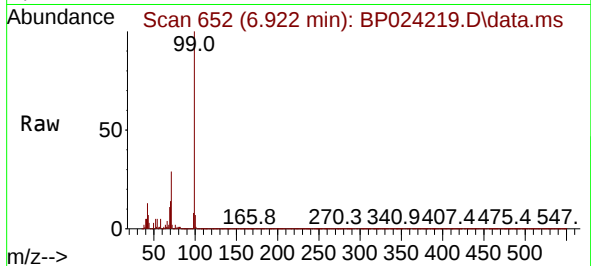




#7  
Phenol-d6  
Concen: 82.999 ng  
RT: 6.922 min Scan# 61  
Delta R.T. -0.030 min  
Lab File: BP024219.D  
Acq: 08 Apr 2025 19:09

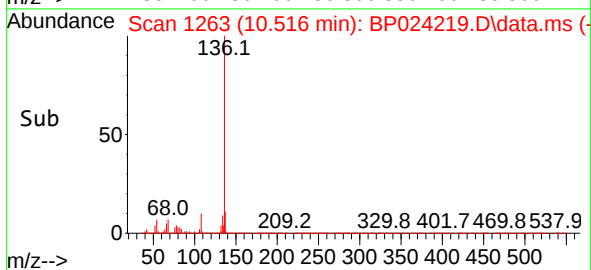
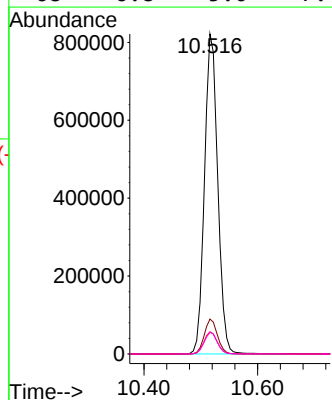
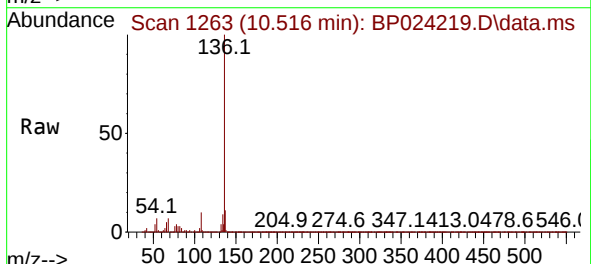
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-PCS-TC-21-040325

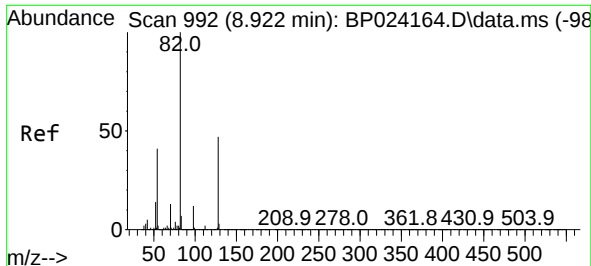
Tgt Ion: 99 Resp: 2398018  
Ion Ratio Lower Upper  
99 100  
42 13.1 10.6 16.0  
71 29.5 23.3 34.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.516 min Scan# 1263  
Delta R.T. -0.035 min  
Lab File: BP024219.D  
Acq: 08 Apr 2025 19:09

Tgt Ion:136 Resp: 1325237  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.4  
54 6.9 5.3 7.9  
68 6.8 5.0 7.4

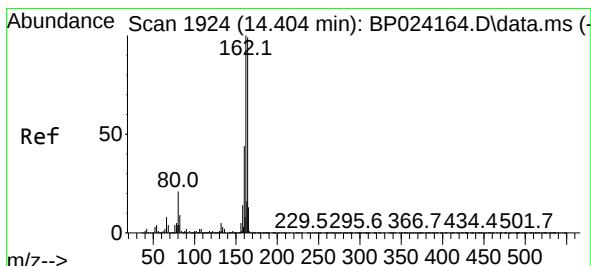
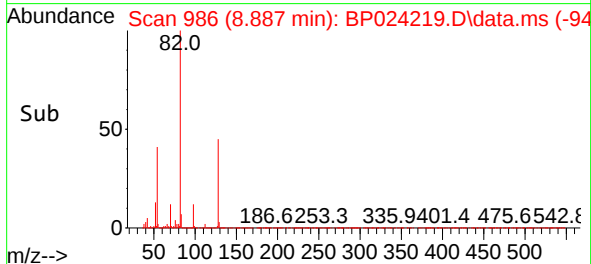
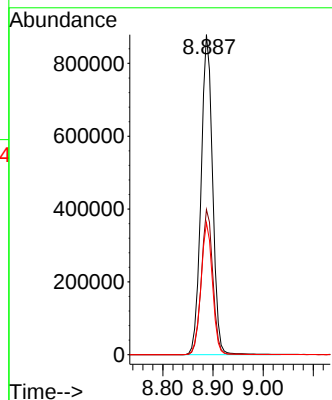
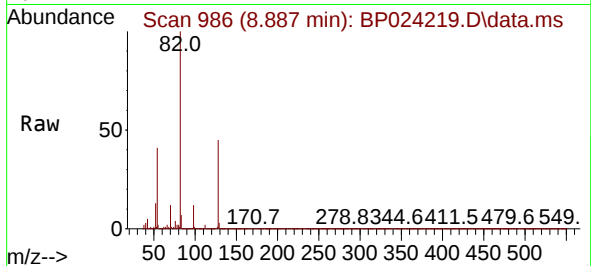




#23  
Nitrobenzene-d5  
Concen: 59.882 ng  
RT: 8.887 min Scan# 91  
Delta R.T. -0.035 min  
Lab File: BP024219.D  
Acq: 08 Apr 2025 19:09

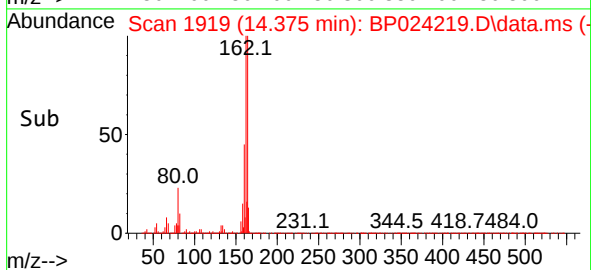
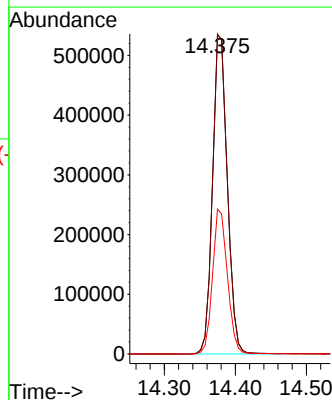
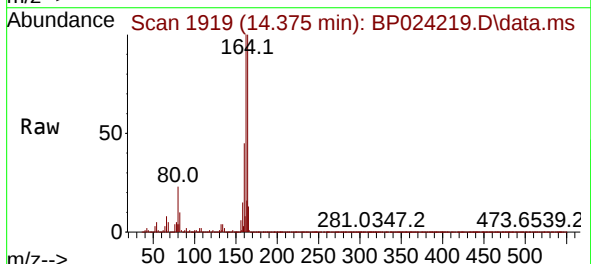
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-PCS-TC-21-040325

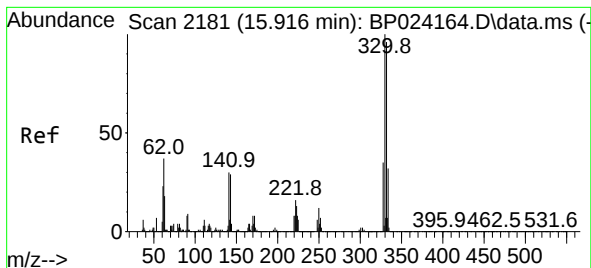
Tgt Ion: 82 Resp: 1406535  
Ion Ratio Lower Upper  
82 100  
128 45.3 37.4 56.0  
54 41.3 32.5 48.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.375 min Scan# 1919  
Delta R.T. -0.030 min  
Lab File: BP024219.D  
Acq: 08 Apr 2025 19:09

Tgt Ion:164 Resp: 771593  
Ion Ratio Lower Upper  
164 100  
162 100.3 80.6 121.0  
160 45.4 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 87.868 ng

RT: 15.898 min Scan# 2181

Delta R.T. -0.018 min

Lab File: BP024219.D

Acq: 08 Apr 2025 19:09

Instrument :

BNA\_P

ClientSampleId :

OU4-PCS-TC-21-040325

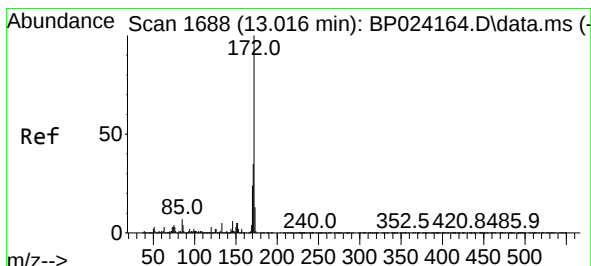
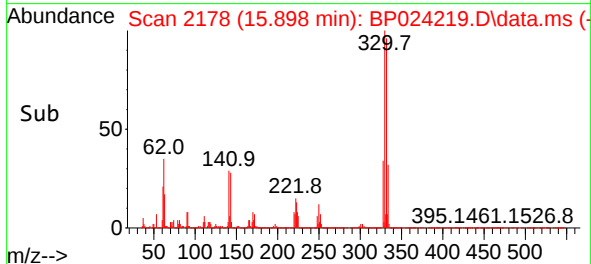
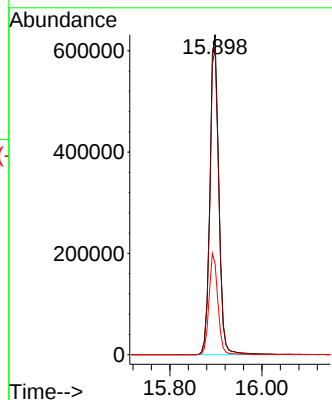
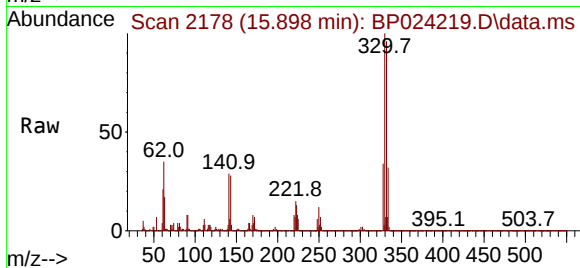
Tgt Ion:330 Resp: 854009

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 31.6 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 57.741 ng

RT: 12.987 min Scan# 1683

Delta R.T. -0.030 min

Lab File: BP024219.D

Acq: 08 Apr 2025 19:09

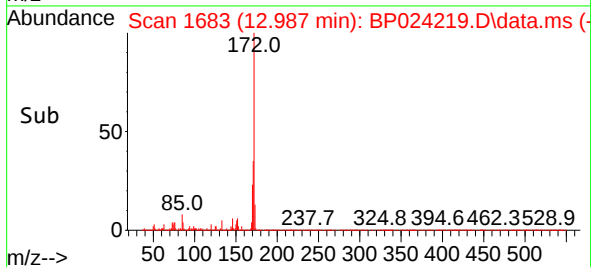
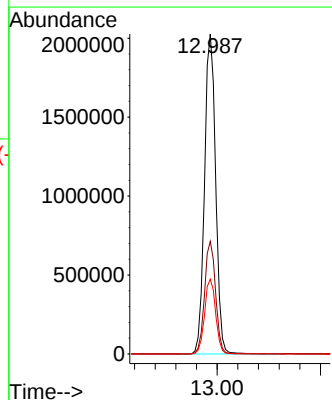
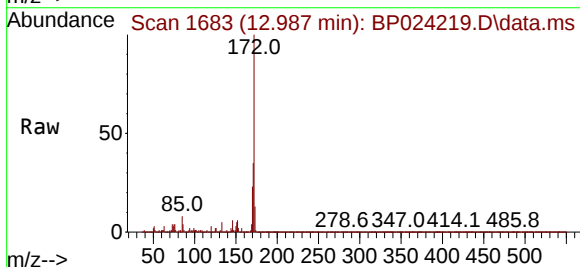
Tgt Ion:172 Resp: 3021460

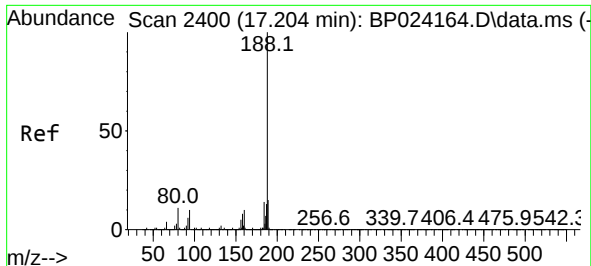
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.4 19.0 28.4

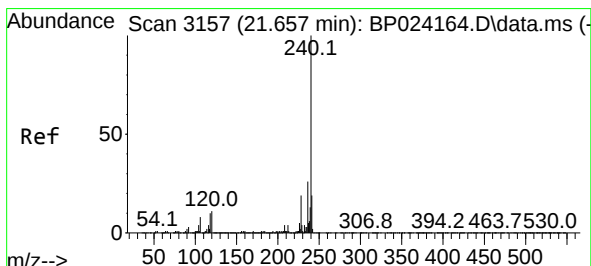
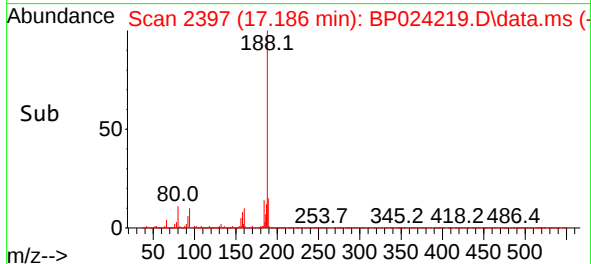
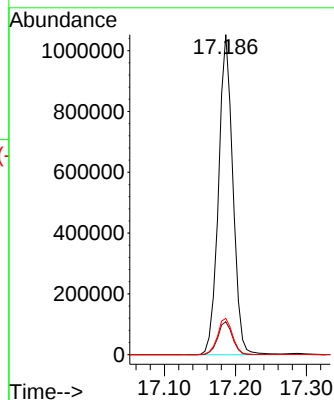
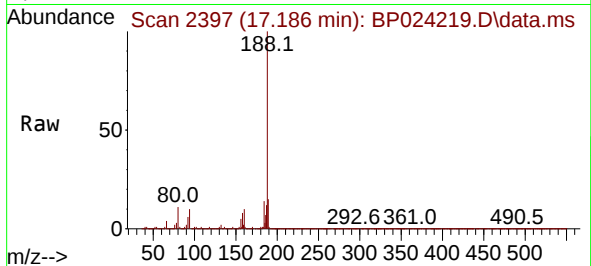




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.186 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BP024219.D  
Acq: 08 Apr 2025 19:09

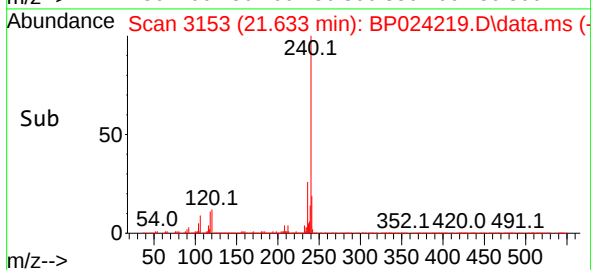
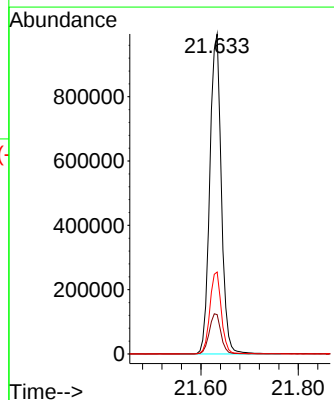
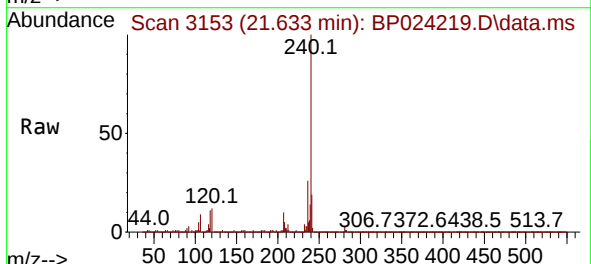
Instrument :  
BNA\_P  
ClientSampleId :  
OU4-PCS-TC-21-040325

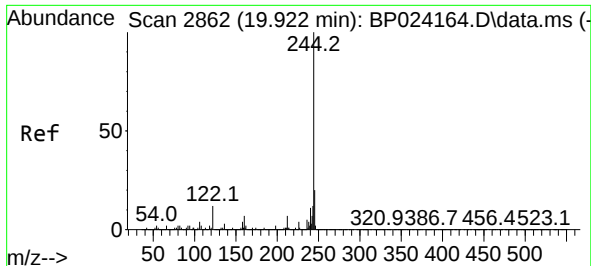
Tgt Ion:188 Resp: 1471523  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.1 12.1  
80 11.4 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.633 min Scan# 3153  
Delta R.T. -0.024 min  
Lab File: BP024219.D  
Acq: 08 Apr 2025 19:09

Tgt Ion:240 Resp: 1620391  
Ion Ratio Lower Upper  
240 100  
120 12.3 9.2 13.8  
236 25.6 20.4 30.6

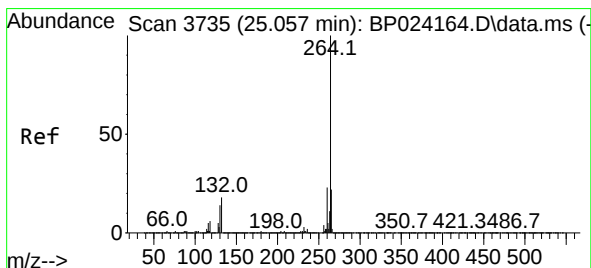
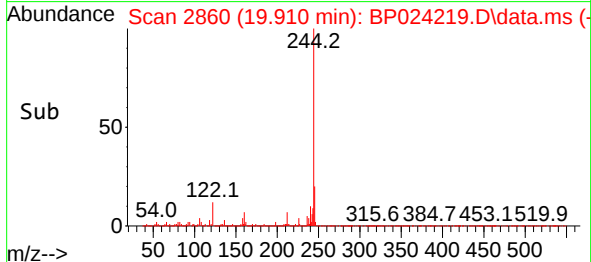
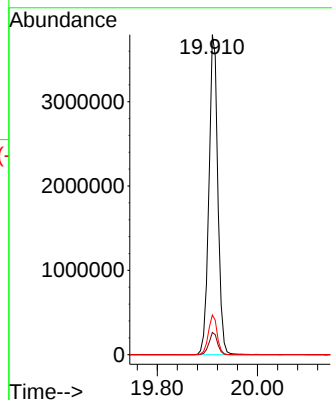
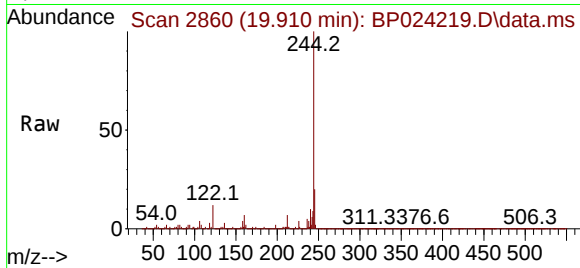




#79  
 Terphenyl-d14  
 Concen: 59.569 ng  
 RT: 19.910 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BP024219.D  
 Acq: 08 Apr 2025 19:09

Instrument :  
 BNA\_P  
 ClientSampleId :  
 OU4-PCS-TC-21-040325

Tgt Ion:244 Resp: 4676065  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 12.4 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.021 min Scan# 3729  
 Delta R.T. -0.035 min  
 Lab File: BP024219.D  
 Acq: 08 Apr 2025 19:09

Tgt Ion:264 Resp: 1759028  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.5 27.7  
 265 22.1 17.7 26.5

