

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041825\  
 Data File : BP024351.D  
 Acq On : 18 Apr 2025 20:50  
 Operator : RC/JU  
 Sample : Q1826-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SOIL-PILE

Quant Time: Apr 19 01:02:49 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 18 12:04:48 2025  
 Response via : Initial Calibration

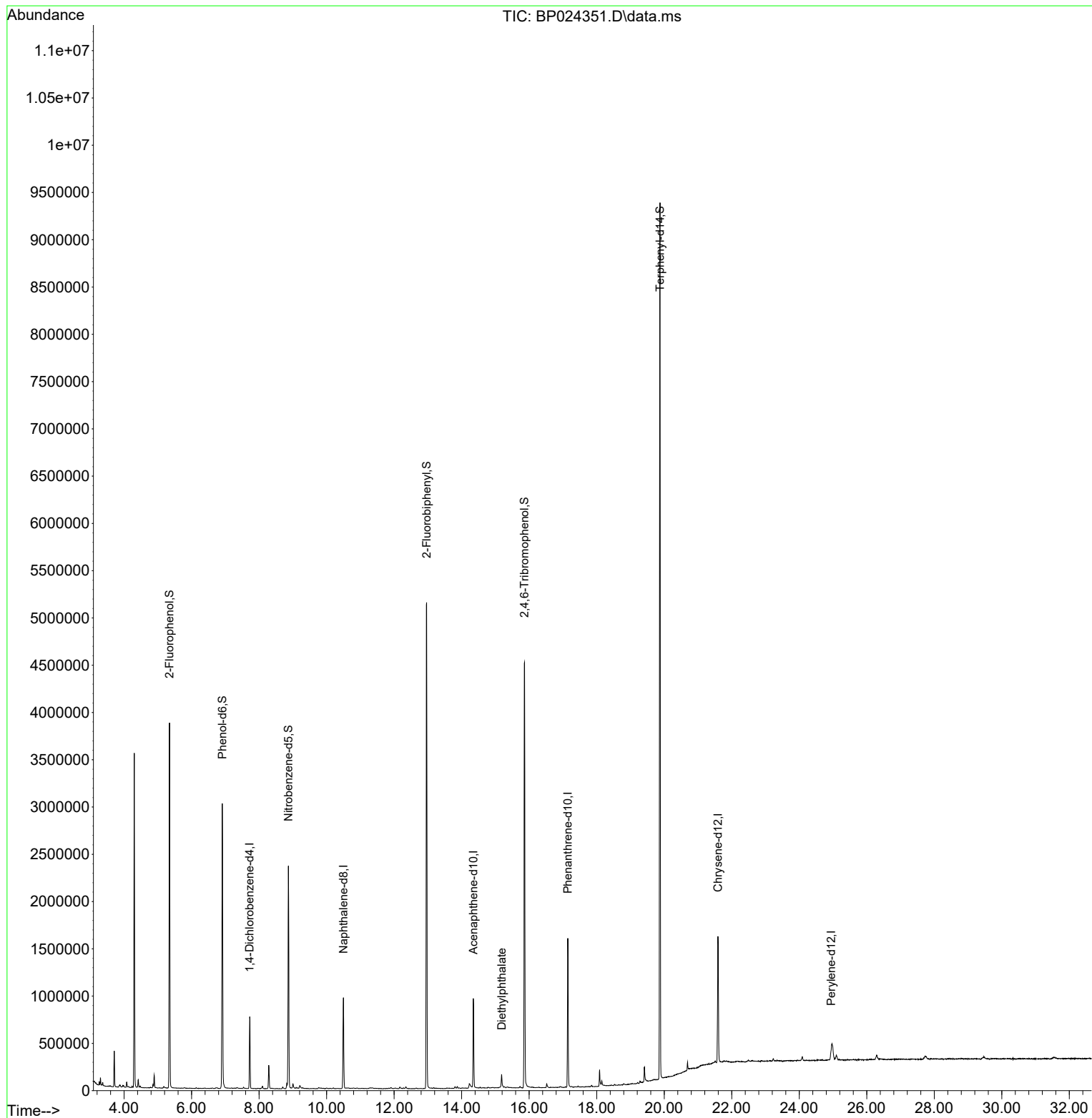
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.722  | 152  | 203576   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.499 | 136  | 780791   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.346 | 164  | 303920   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.145 | 188  | 925068   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.592 | 240  | 673881   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 24.945 | 264  | 41577    | 20.000  | ng    | # 0.01    |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.346  | 112  | 1682329  | 136.640 | ng    | 0.00      |
| 7) Phenol-d6                | 6.911  | 99   | 1710585  | 101.465 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.869  | 82   | 1319635  | 96.373  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.863 | 330  | 1000901  | 238.032 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 12.963 | 172  | 2761952  | 139.144 | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.875 | 244  | 4961177  | 148.393 | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 60) Diethylphthalate        | 15.187 | 149  | 100175   | 4.398   | ng    | Qvalue 99 |
| -----                       |        |      |          |         |       |           |

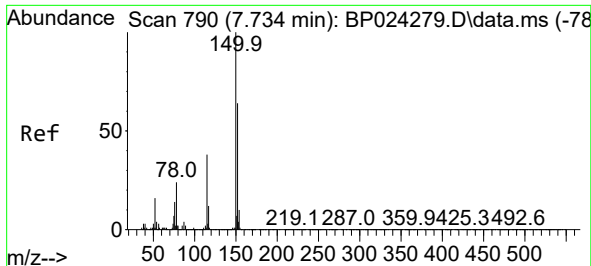
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041825\  
Data File : BP024351.D  
Acq On : 18 Apr 2025 20:50  
Operator : RC/JU  
Sample : Q1826-02  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SOIL-PILE

Quant Time: Apr 19 01:02:49 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 18 12:04:48 2025  
Response via : Initial Calibration

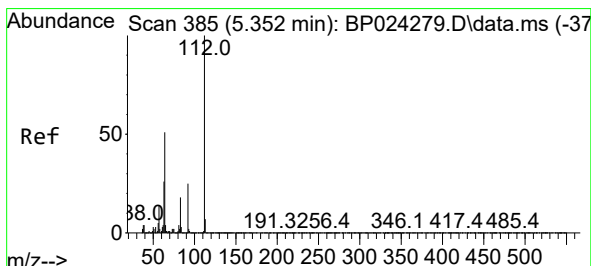
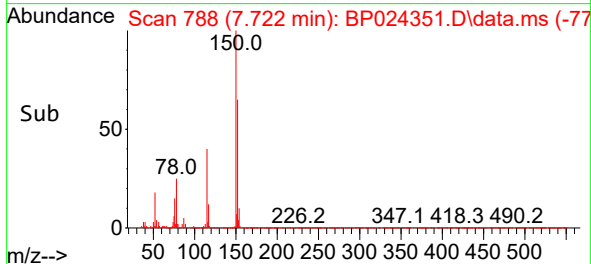
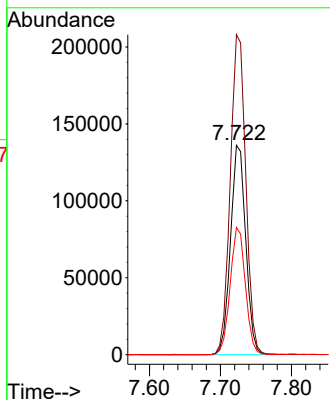
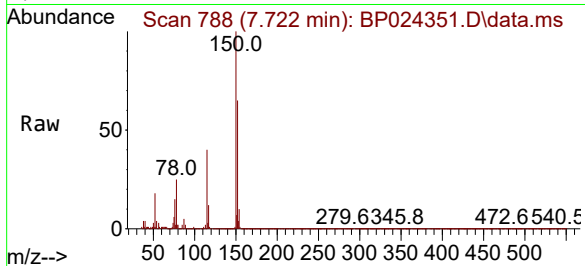




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.722 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BP024351.D  
Acq: 18 Apr 2025 20:50

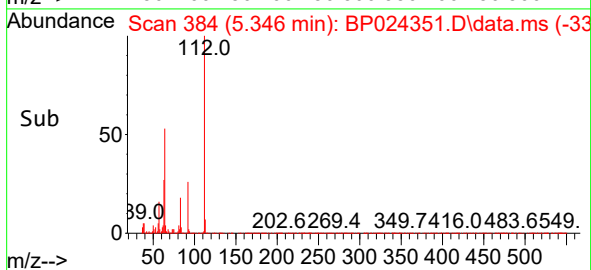
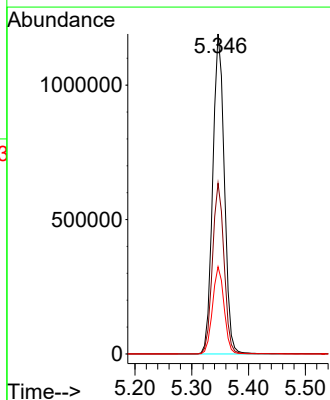
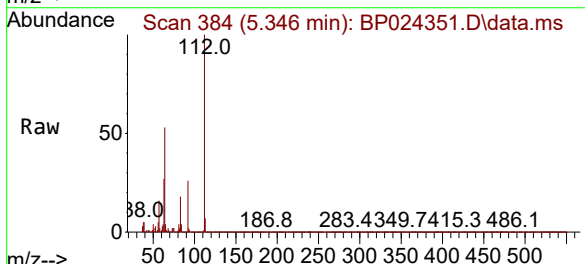
Instrument :  
BNA\_P  
ClientSampleId :  
SOIL-PILE

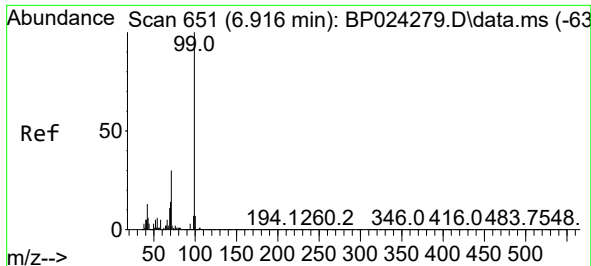
Tgt Ion:152 Resp: 203576  
Ion Ratio Lower Upper  
152 100  
150 152.8 124.9 187.3  
115 60.7 47.7 71.5



#5  
2-Fluorophenol  
Concen: 136.640 ng  
RT: 5.346 min Scan# 384  
Delta R.T. 0.000 min  
Lab File: BP024351.D  
Acq: 18 Apr 2025 20:50

Tgt Ion:112 Resp: 1682329  
Ion Ratio Lower Upper  
112 100  
64 53.3 41.1 61.7  
63 27.3 20.6 30.8

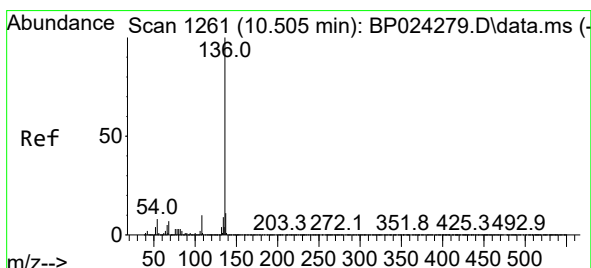
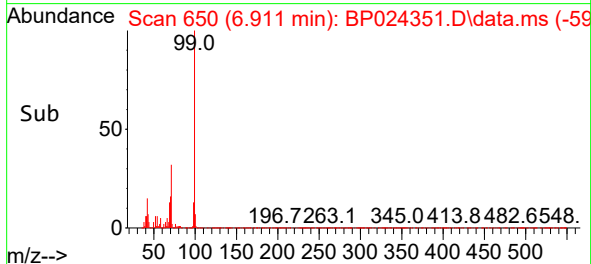
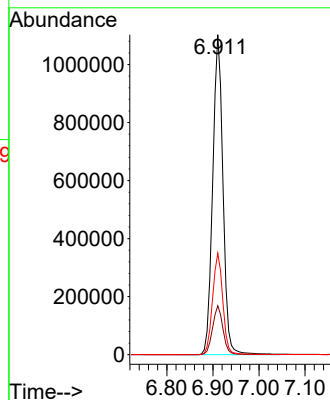
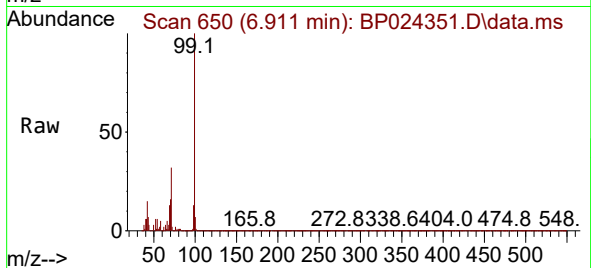




#7  
Phenol-d6  
Concen: 101.465 ng  
RT: 6.911 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP024351.D  
Acq: 18 Apr 2025 20:50

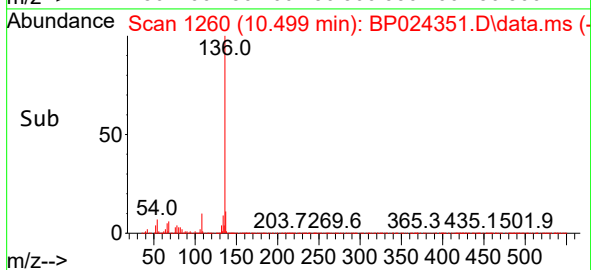
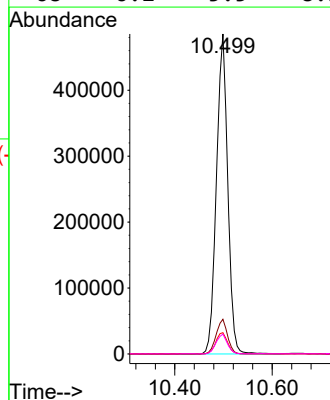
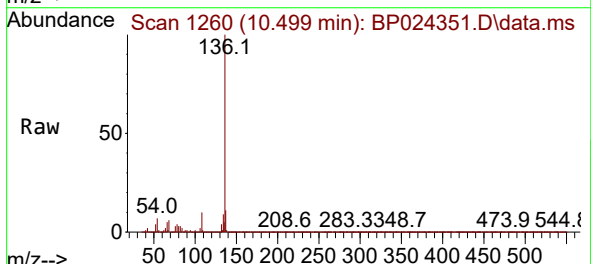
Instrument :  
BNA\_P  
ClientSampleId :  
SOIL-PILE

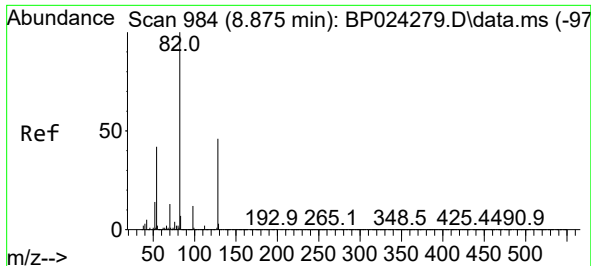
Tgt Ion: 99 Resp: 1710585  
Ion Ratio Lower Upper  
99 100  
42 15.3 10.6 16.0  
71 31.7 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.499 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: BP024351.D  
Acq: 18 Apr 2025 20:50

Tgt Ion:136 Resp: 780791  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.2 13.8  
54 6.6 6.0 9.0  
68 6.2 5.5 8.3

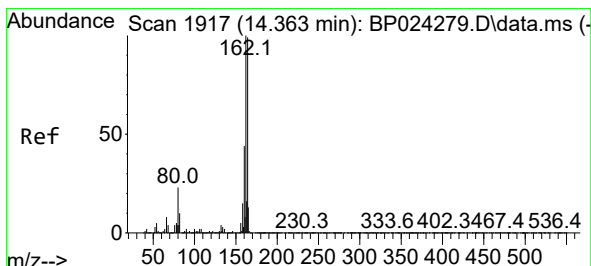
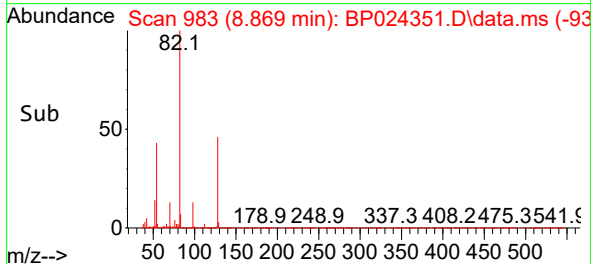
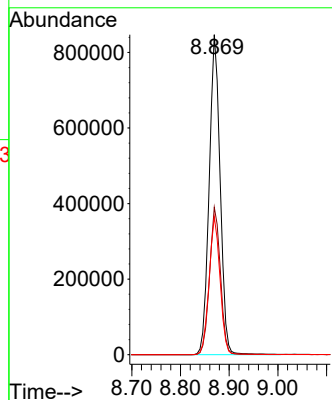
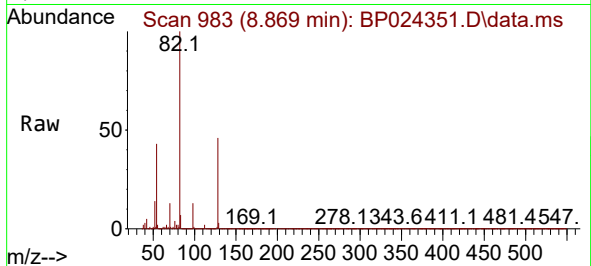




#23  
Nitrobenzene-d5  
Concen: 96.373 ng  
RT: 8.869 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BP024351.D  
Acq: 18 Apr 2025 20:50

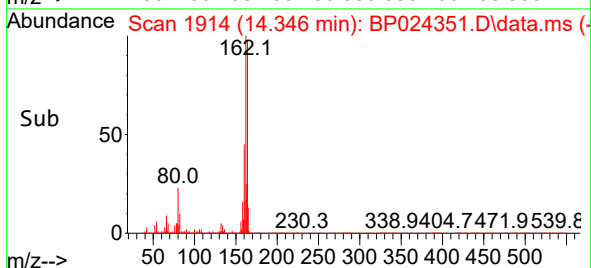
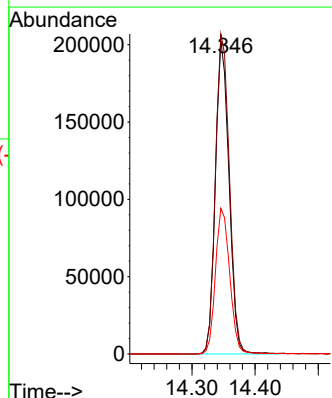
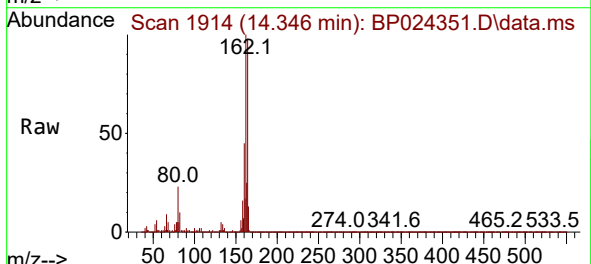
Instrument :  
BNA\_P  
ClientSampleId :  
SOIL-PILE

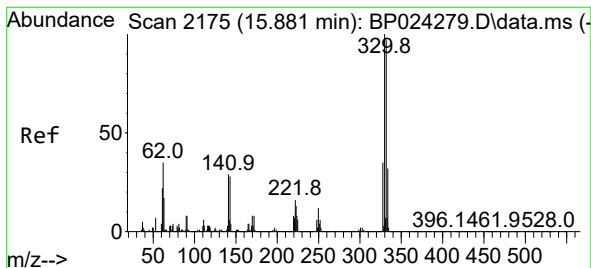
Tgt Ion: 82 Resp: 1319635  
Ion Ratio Lower Upper  
82 100  
128 46.0 36.5 54.7  
54 43.1 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.346 min Scan# 1914  
Delta R.T. -0.006 min  
Lab File: BP024351.D  
Acq: 18 Apr 2025 20:50

Tgt Ion:164 Resp: 303920  
Ion Ratio Lower Upper  
164 100  
162 102.1 80.6 120.8  
160 46.5 35.3 52.9

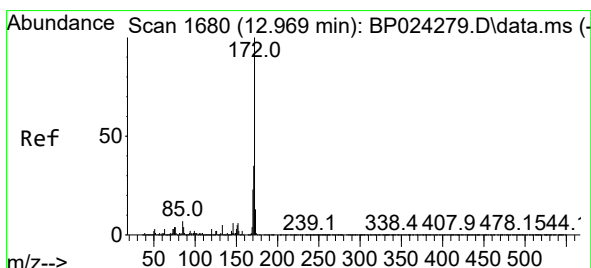
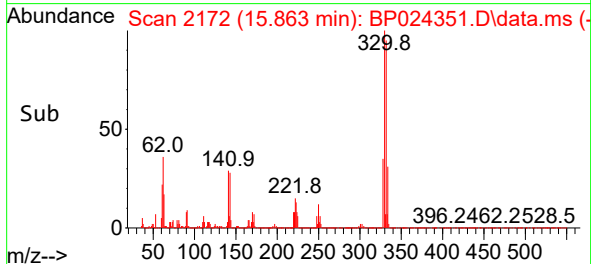
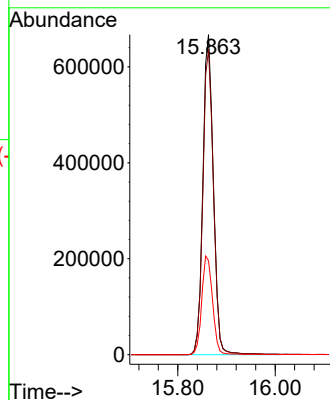
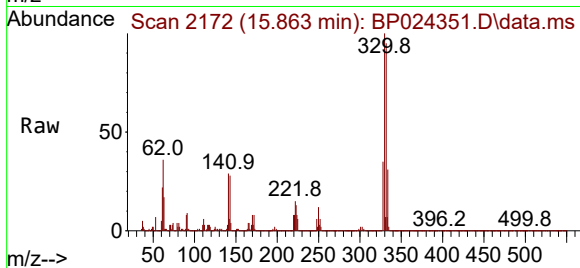




#42  
2,4,6-Tribromophenol  
Concen: 238.032 ng  
RT: 15.863 min Scan# 2175  
Delta R.T. 0.000 min  
Lab File: BP024351.D  
Acq: 18 Apr 2025 20:50

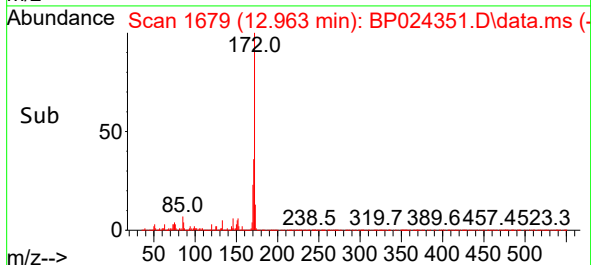
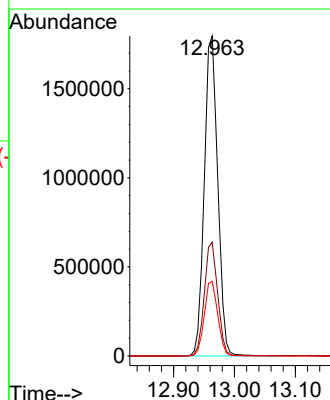
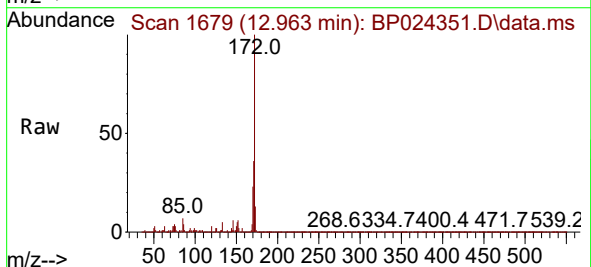
Instrument :  
BNA\_P  
ClientSampleId :  
SOIL-PILE

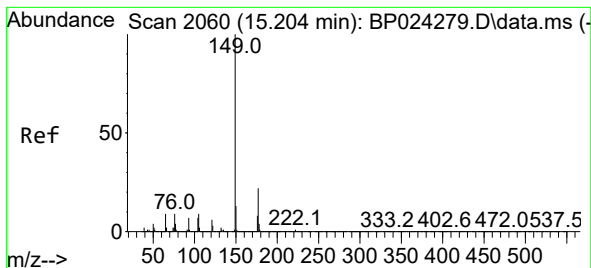
Tgt Ion:330 Resp: 1000901  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.1 115.7  
141 31.6 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 139.144 ng  
RT: 12.963 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: BP024351.D  
Acq: 18 Apr 2025 20:50

Tgt Ion:172 Resp: 2761952  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.2 42.2  
170 23.3 18.6 27.8





#60

Diethylphthalate

Concen: 4.398 ng

RT: 15.187 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

Instrument :

BNA\_P

ClientSampleId :

SOIL-PILE

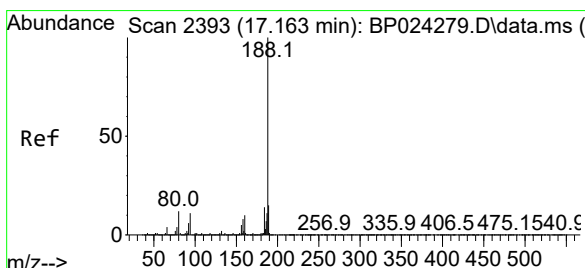
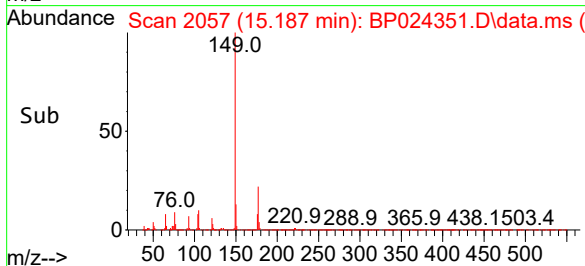
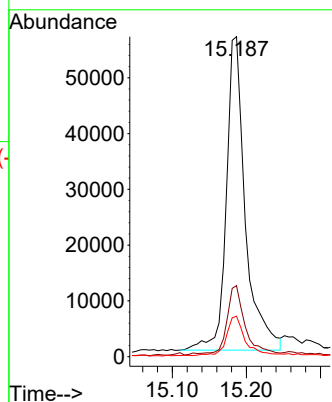
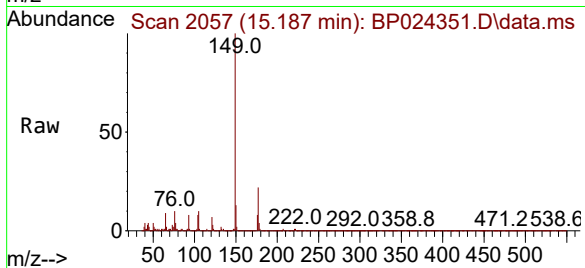
Tgt Ion:149 Resp: 100175

Ion Ratio Lower Upper

149 100

177 22.2 17.4 26.2

150 12.6 10.1 15.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2390

Delta R.T. 0.000 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

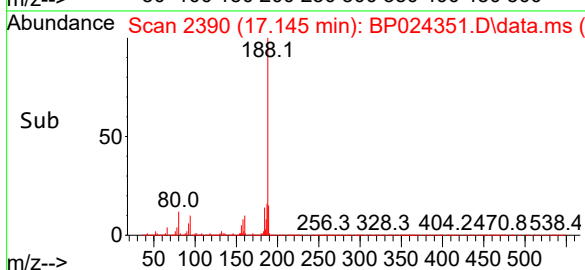
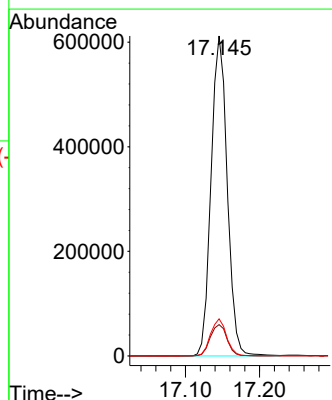
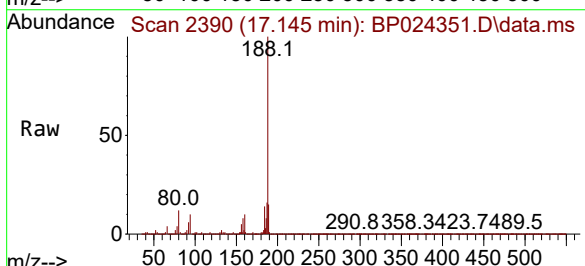
Tgt Ion:188 Resp: 925068

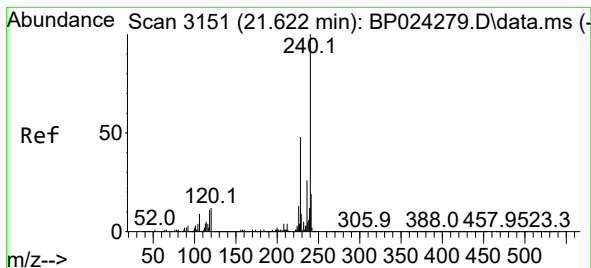
Ion Ratio Lower Upper

188 100

94 9.8 8.6 13.0

80 11.6 9.8 14.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.592 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

Instrument :

BNA\_P

ClientSampleId :

SOIL-PILE

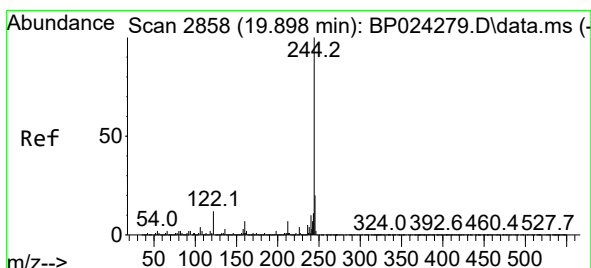
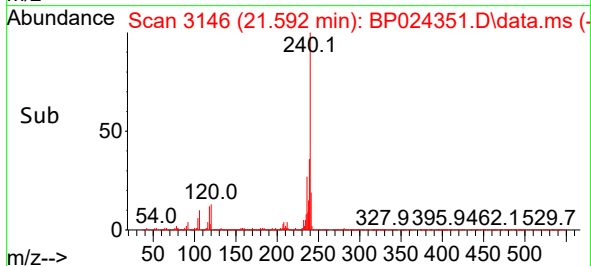
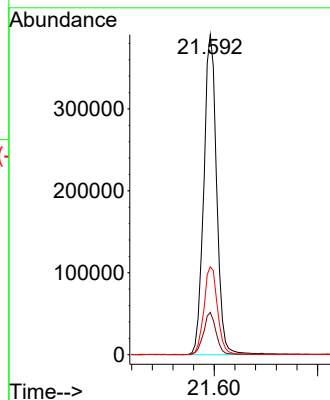
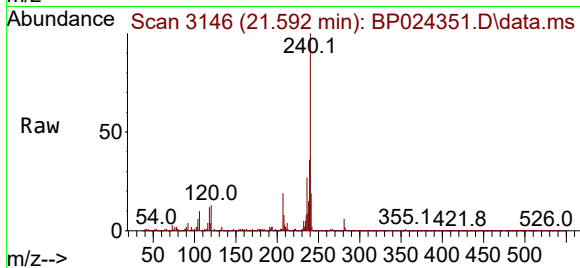
Tgt Ion:240 Resp: 673881

Ion Ratio Lower Upper

240 100

120 13.2 9.8 14.8

236 27.5 20.9 31.3



#79

Terphenyl-d14

Concen: 148.393 ng

RT: 19.875 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP024351.D

Acq: 18 Apr 2025 20:50

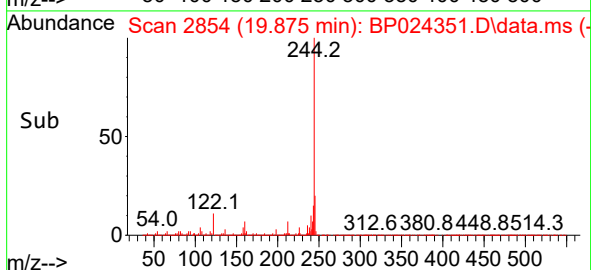
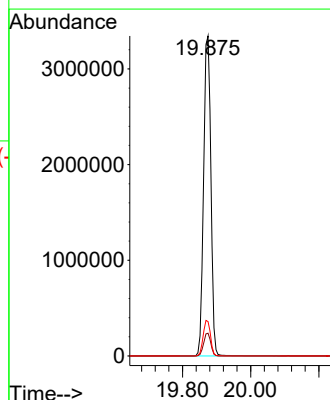
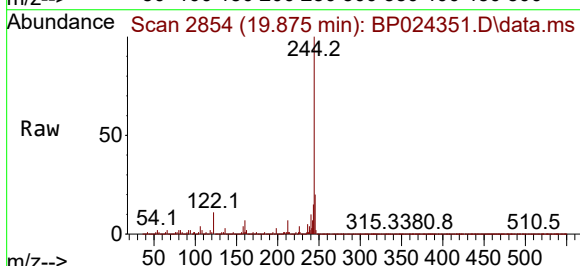
Tgt Ion:244 Resp: 4961177

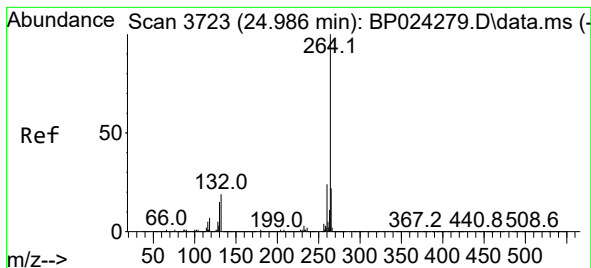
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.8 9.4 14.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.945 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP024351.D

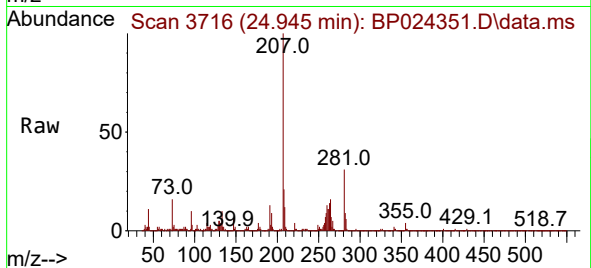
Acq: 18 Apr 2025 20:50

Instrument :

BNA\_P

ClientSampleId :

SOIL-PILE



Tgt Ion:264 Resp: 41577

Ion Ratio Lower Upper

264 100

260 80.0 18.9 28.3#

265 40.3 17.8 26.6#

