

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP042125\  
 Data File : BP024368.D  
 Acq On : 21 Apr 2025 18:59  
 Operator : RC/JU  
 Sample : Q1832-18  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PL-714-COMP-03

Quant Time: Apr 22 01:02:18 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  | 232591   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.492 | 136  | 883667   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.351 | 164  | 514263   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.145 | 188  | 977612   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.586 | 240  | 1147059  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.921 | 264  | 1308814  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.346  | 112  | 1361020  | 96.753  | ng    | 0.00     |
| 7) Phenol-d6                | 6.910  | 99   | 1561231  | 81.054  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.869  | 82   | 1164416  | 75.137  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.863 | 330  | 878916   | 123.528 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.957 | 172  | 2434707  | 72.488  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.868 | 244  | 4826294  | 84.809  | ng    | 0.00     |

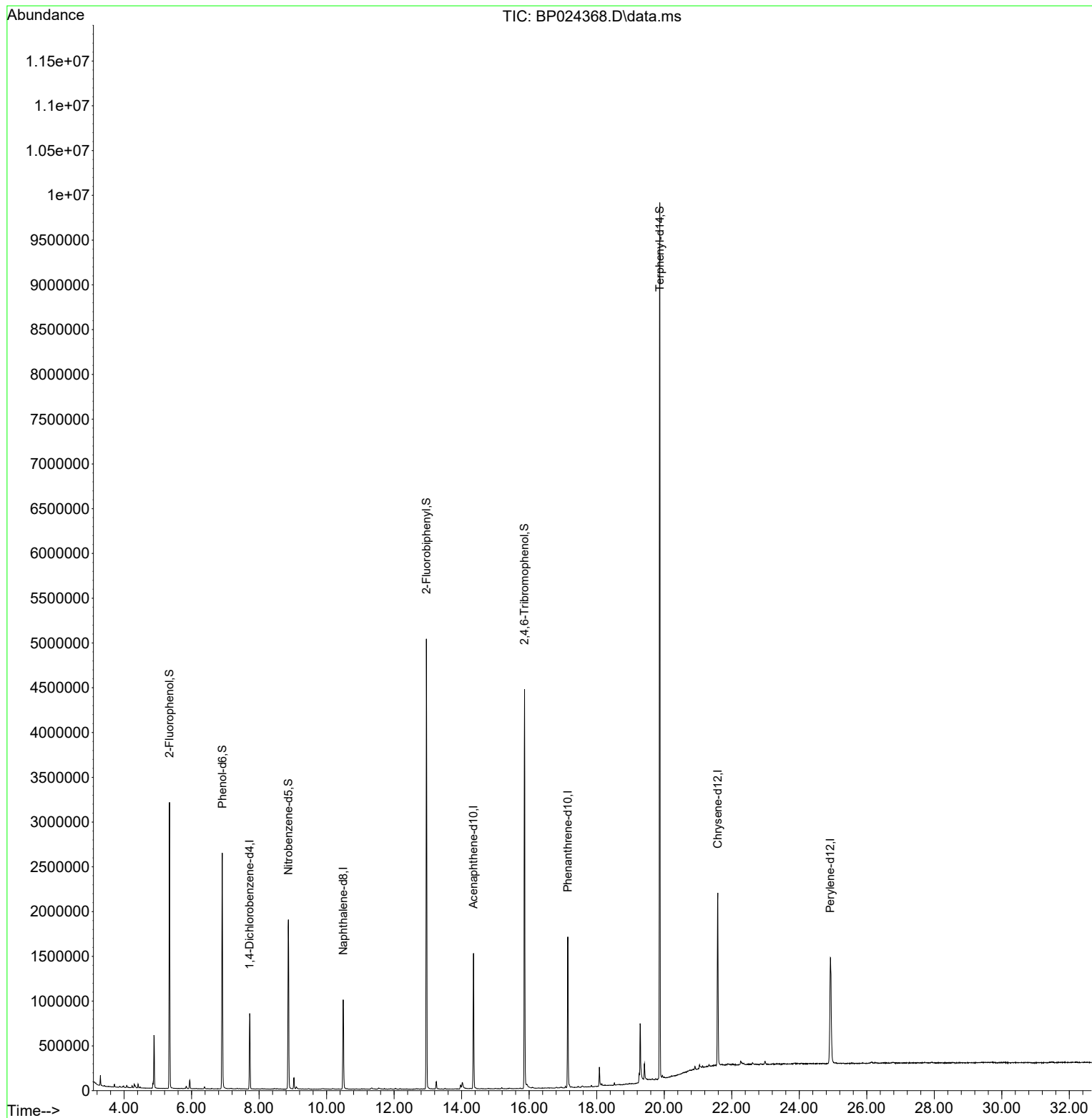
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

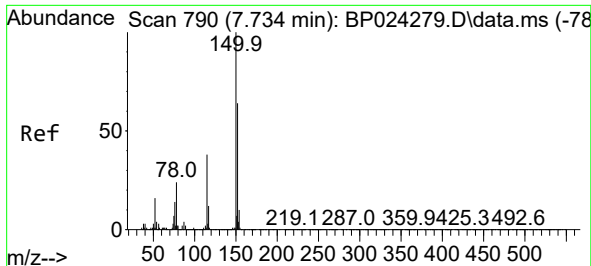
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q1832-18  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

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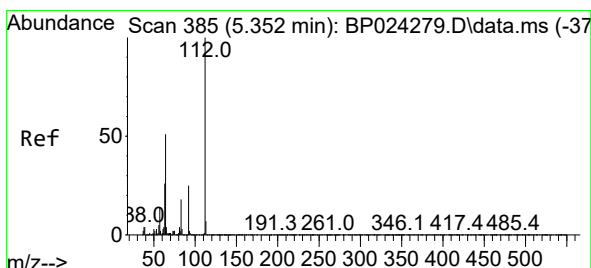
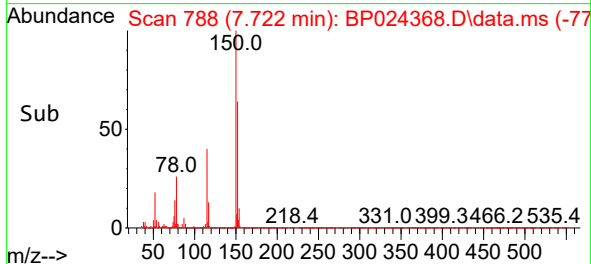
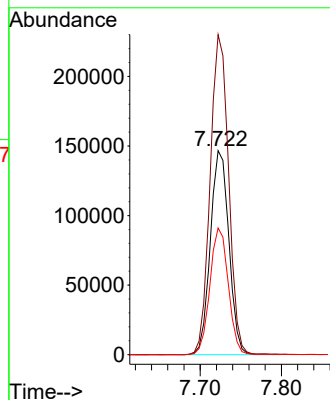
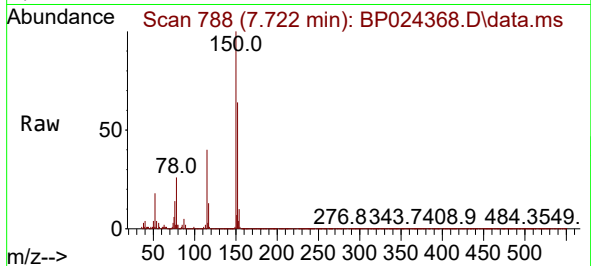




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.722 min Scan# 7  
Delta R.T. -0.000 min  
Lab File: BP024368.D  
Acq: 21 Apr 2025 18:59

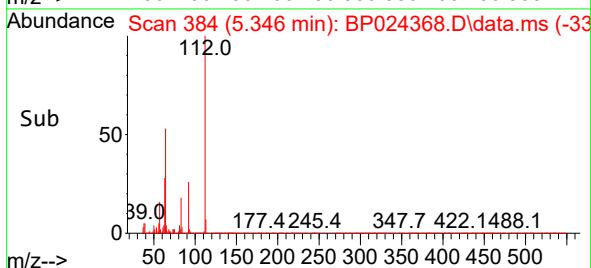
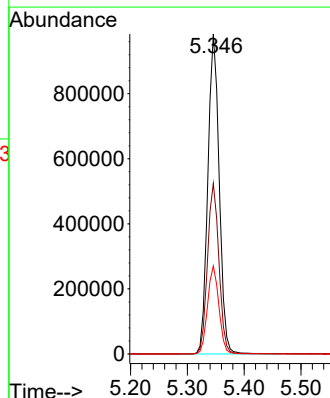
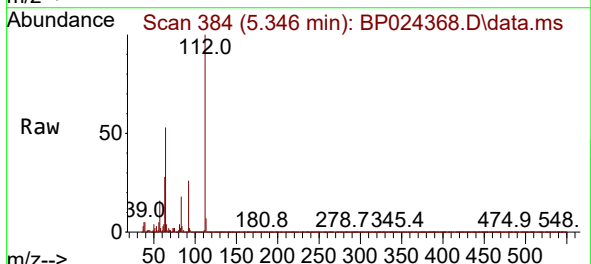
Instrument :  
BNA\_P  
ClientSampleId :  
PL-714-COMP-03

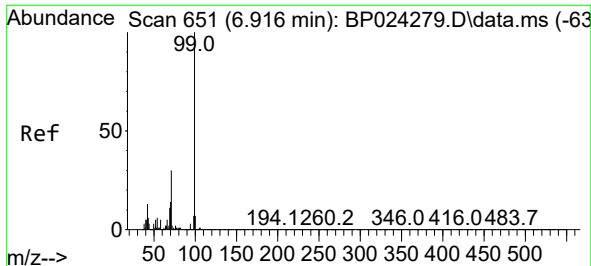
Tgt Ion:152 Resp: 232591  
Ion Ratio Lower Upper  
152 100  
150 156.8 124.9 187.3  
115 62.1 47.7 71.5



#5  
2-Fluorophenol  
Concen: 96.753 ng  
RT: 5.346 min Scan# 384  
Delta R.T. -0.000 min  
Lab File: BP024368.D  
Acq: 21 Apr 2025 18:59

Tgt Ion:112 Resp: 1361020  
Ion Ratio Lower Upper  
112 100  
64 53.3 41.1 61.7  
63 27.5 20.6 30.8

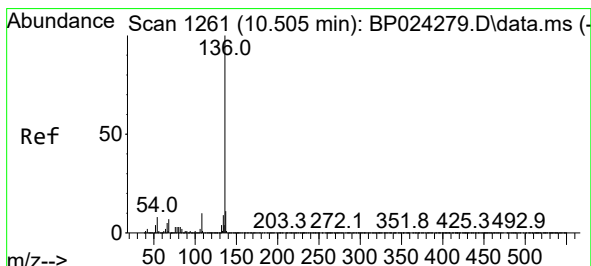
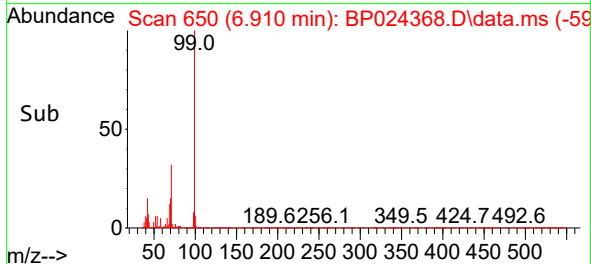
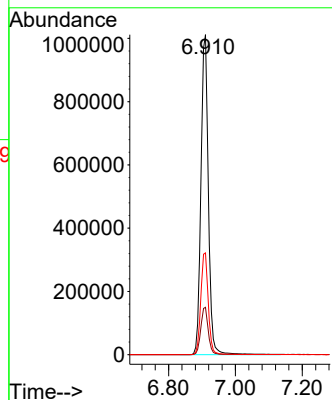
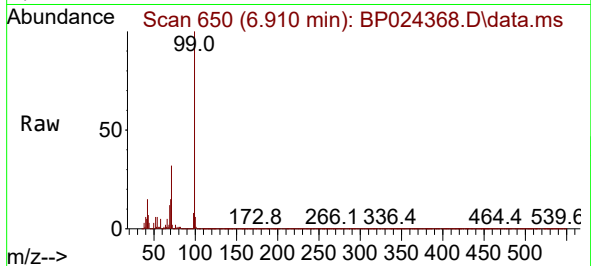




#7  
Phenol-d6  
Concen: 81.054 ng  
RT: 6.910 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP024368.D  
Acq: 21 Apr 2025 18:59

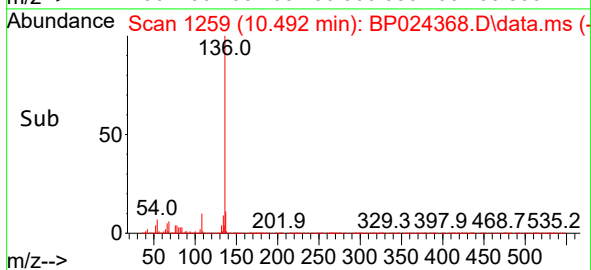
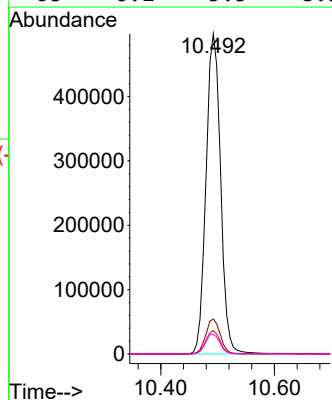
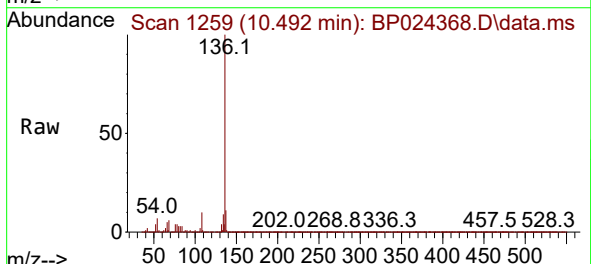
Instrument :  
BNA\_P  
ClientSampleId :  
PL-714-COMP-03

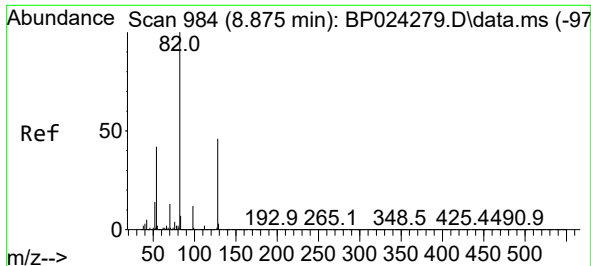
Tgt Ion: 99 Resp: 1561231  
Ion Ratio Lower Upper  
99 100  
42 14.8 10.6 16.0  
71 31.8 23.7 35.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.492 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: BP024368.D  
Acq: 21 Apr 2025 18:59

Tgt Ion: 136 Resp: 883667  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.2 13.8  
54 7.3 6.0 9.0  
68 6.1 5.5 8.3

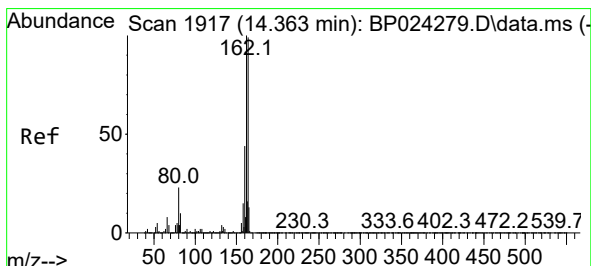
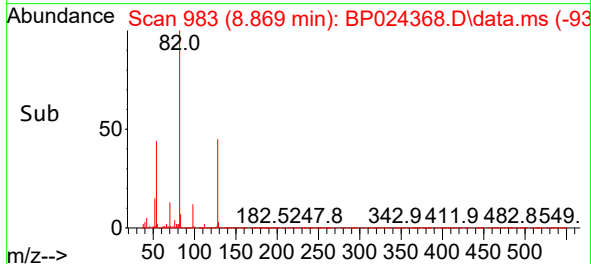
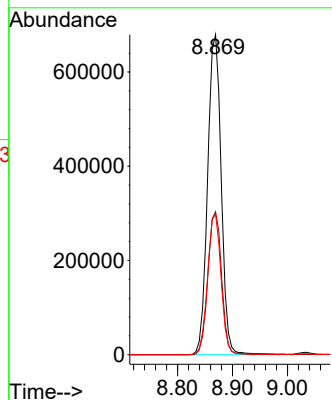
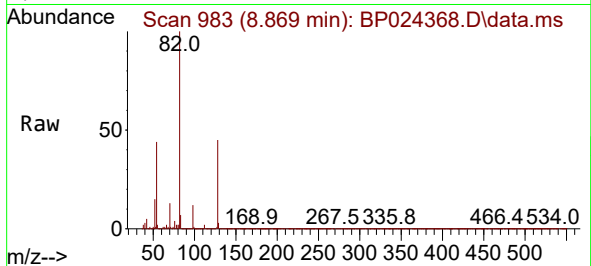




#23  
Nitrobenzene-d5  
Concen: 75.137 ng  
RT: 8.869 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BP024368.D  
Acq: 21 Apr 2025 18:59

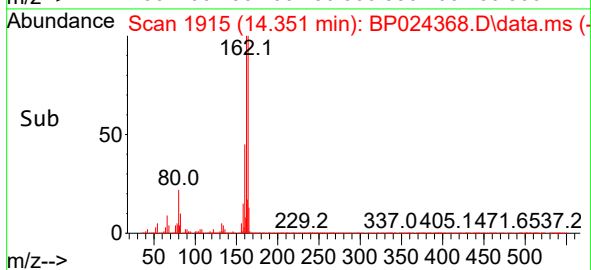
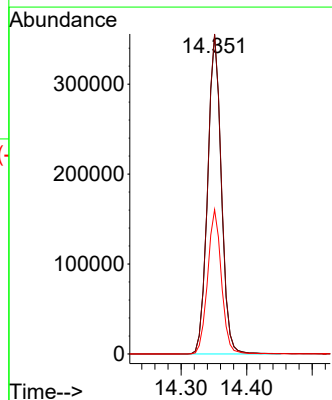
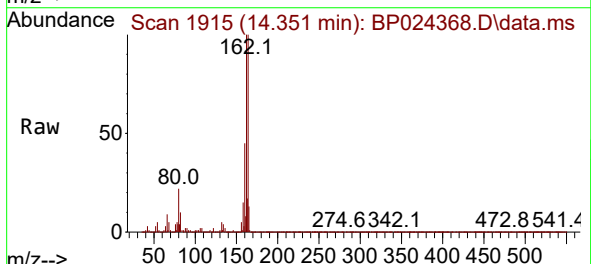
Instrument :  
BNA\_P  
ClientSampleId :  
PL-714-COMP-03

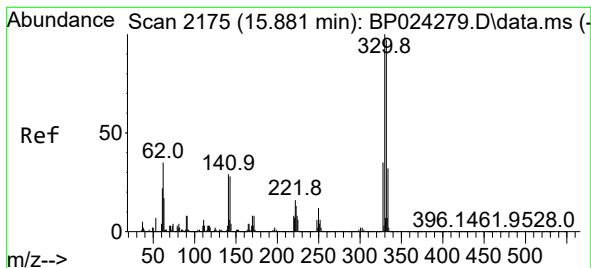
Tgt Ion: 82 Resp: 1164416  
Ion Ratio Lower Upper  
82 100  
128 44.7 36.5 54.7  
54 43.9 33.4 50.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.351 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: BP024368.D  
Acq: 21 Apr 2025 18:59

Tgt Ion: 164 Resp: 514263  
Ion Ratio Lower Upper  
164 100  
162 100.2 80.6 120.8  
160 45.2 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 123.528 ng

RT: 15.863 min Scan# 2175

Delta R.T. -0.000 min

Lab File: BP024368.D

Acq: 21 Apr 2025 18:59

Instrument :

BNA\_P

ClientSampleId :

PL-714-COMP-03

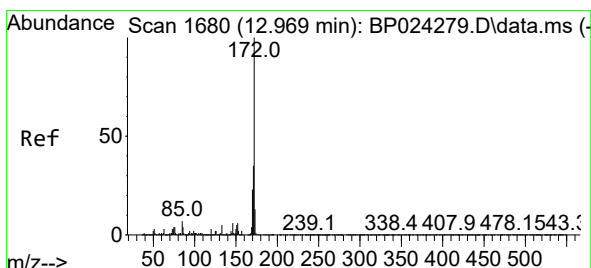
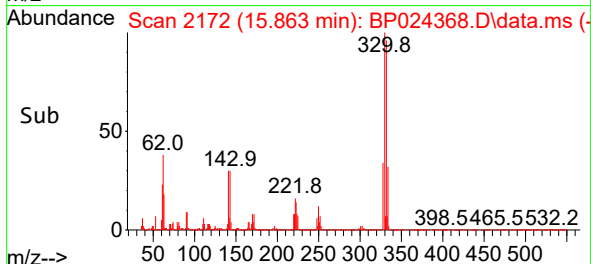
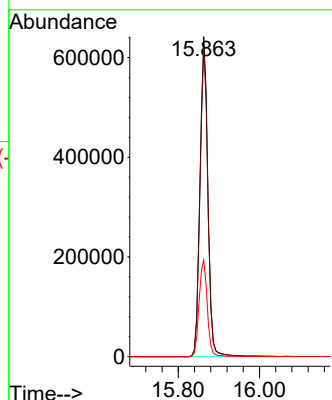
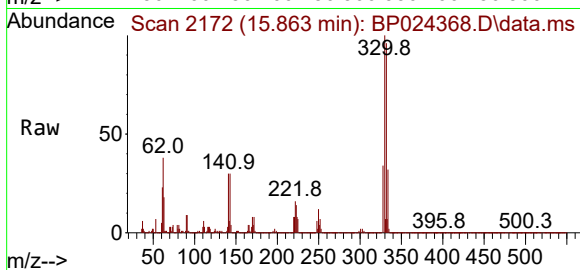
Tgt Ion:330 Resp: 878916

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 31.3 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 72.488 ng

RT: 12.957 min Scan# 1678

Delta R.T. -0.006 min

Lab File: BP024368.D

Acq: 21 Apr 2025 18:59

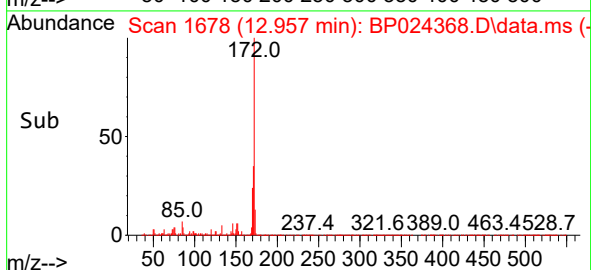
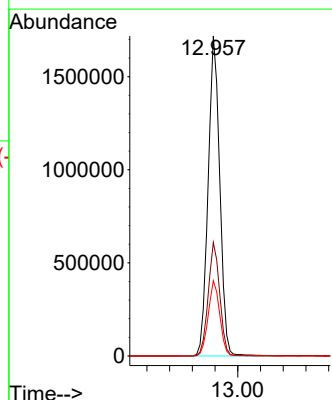
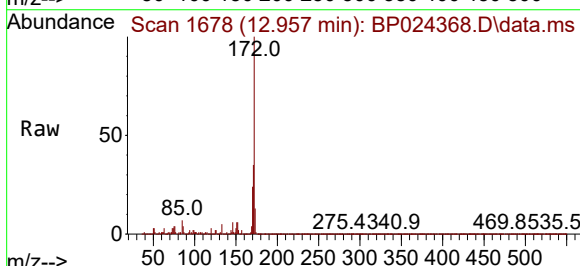
Tgt Ion:172 Resp: 2434707

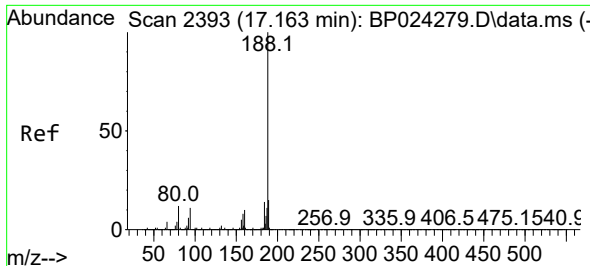
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

170 23.5 18.6 27.8

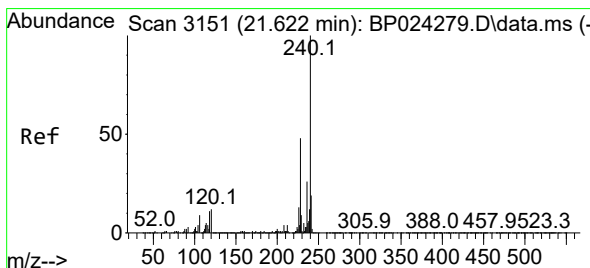
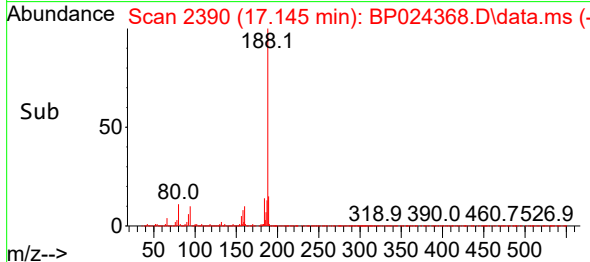
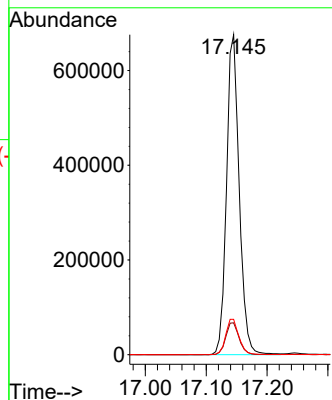
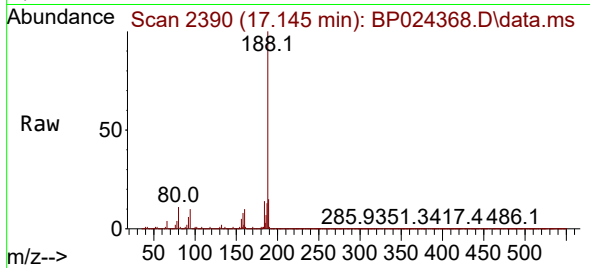




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.145 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP024368.D  
Acq: 21 Apr 2025 18:59

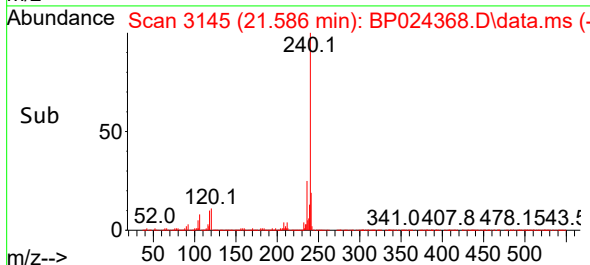
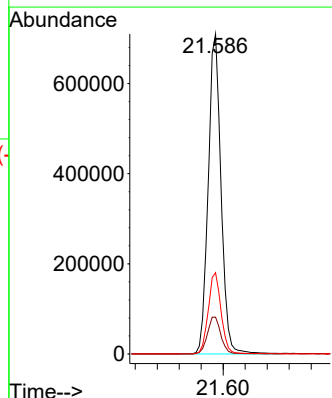
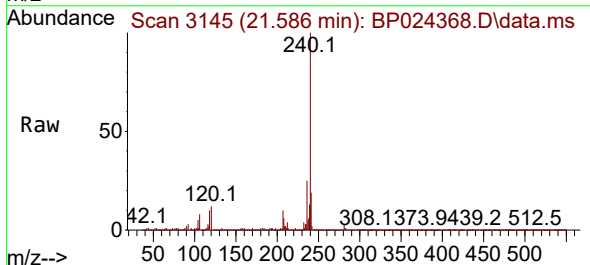
Instrument :  
BNA\_P  
ClientSampleId :  
PL-714-COMP-03

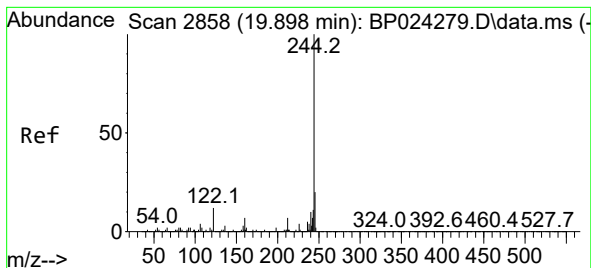
Tgt Ion:188 Resp: 977612  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.6 13.0  
80 11.1 9.8 14.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.586 min Scan# 3145  
Delta R.T. -0.006 min  
Lab File: BP024368.D  
Acq: 21 Apr 2025 18:59

Tgt Ion:240 Resp: 1147059  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.8 14.8  
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 84.809 ng

RT: 19.868 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024368.D

Acq: 21 Apr 2025 18:59

Instrument :

BNA\_P

ClientSampleId :

PL-714-COMP-03

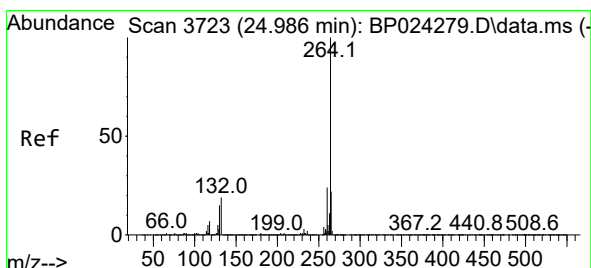
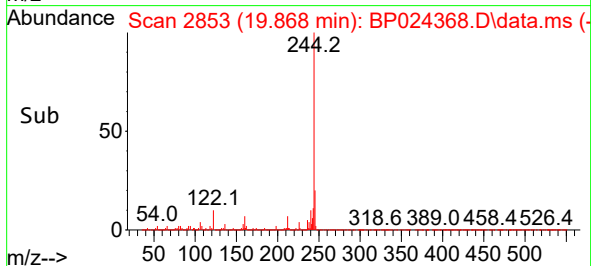
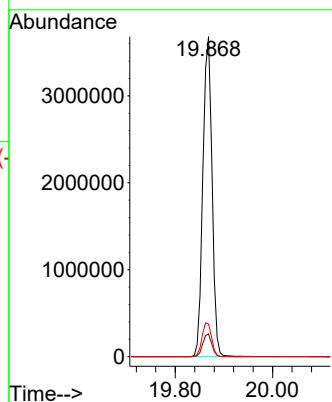
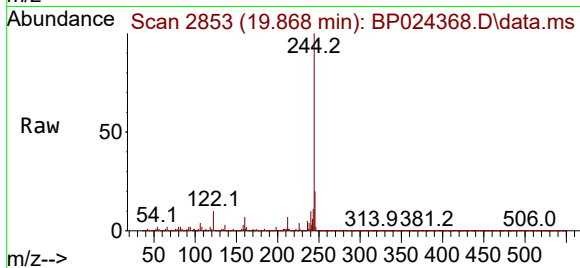
Tgt Ion:244 Resp: 4826294

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.2 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.921 min Scan# 3712

Delta R.T. -0.012 min

Lab File: BP024368.D

Acq: 21 Apr 2025 18:59

Tgt Ion:264 Resp: 1308814

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.0 17.8 26.6

