

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061024\  
 Data File : BP020580.D  
 Acq On : 10 Jun 2024 16:55  
 Operator : MA/JU  
 Sample : P2784-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 WCS-TPD

Quant Time: Jun 10 17:36:20 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 30 03:41:03 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.758  | 152  | 179730   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.534 | 136  | 688841   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.381 | 164  | 346955   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.204 | 188  | 932006   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.663 | 240  | 678040   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.045 | 264  | 195555   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 1399338  | 139.401 | ng    | 0.00     |
| 7) Phenol-d6                | 6.934  | 99   | 1402703  | 99.086  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.905  | 82   | 1208816  | 96.061  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.904 | 330  | 846517   | 235.097 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.993 | 172  | 2834313  | 121.779 | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.939 | 244  | 4841562  | 118.870 | ng    | 0.00     |

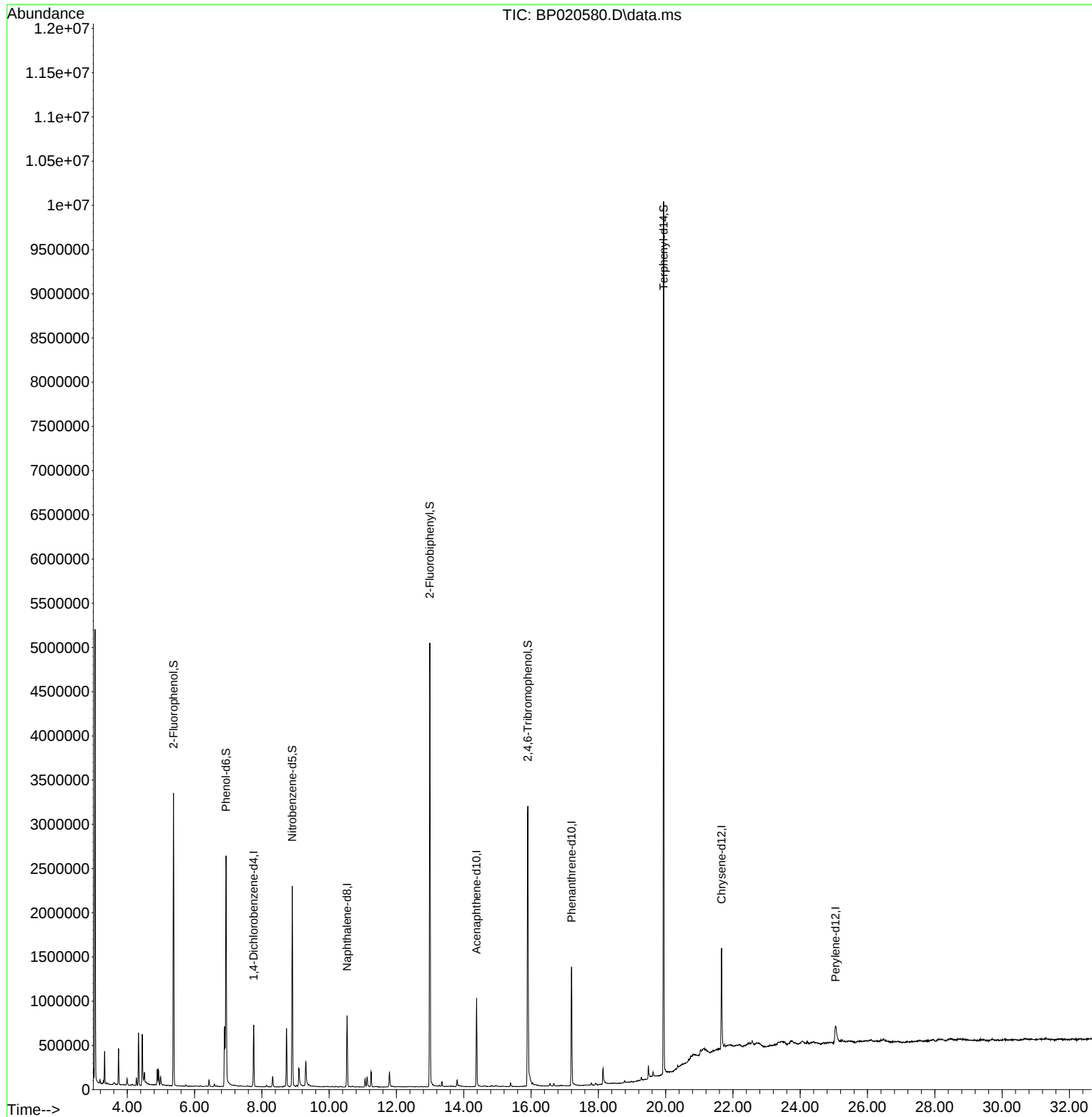
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

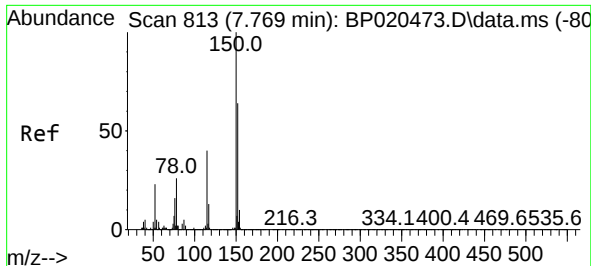
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061024\  
Data File : BP020580.D  
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Sample : P2784-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
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WCS-TPD

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 30 03:41:03 2024  
Response via : Initial Calibration

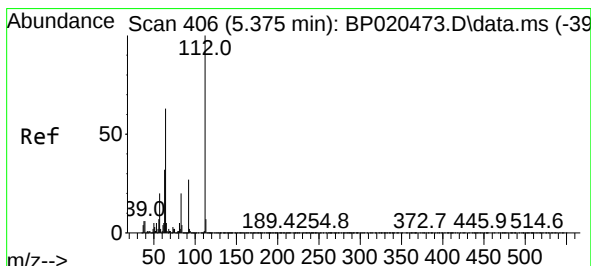
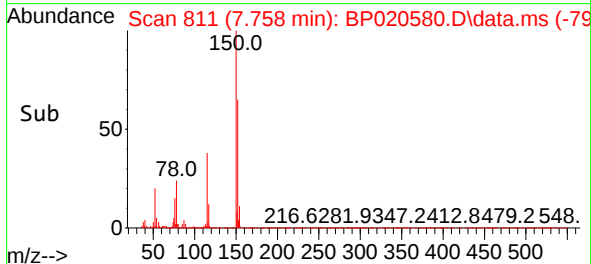
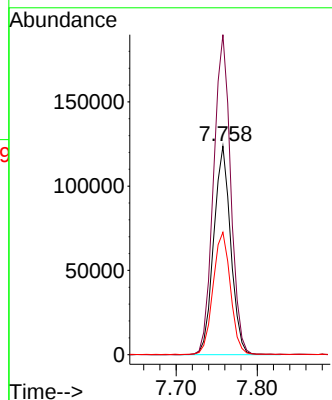
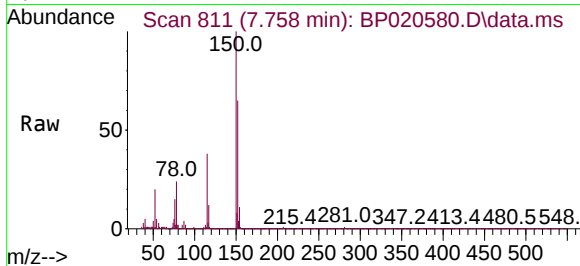




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.758 min Scan# 813  
Delta R.T. -0.011 min  
Lab File: BP020580.D  
Acq: 10 Jun 2024 16:55

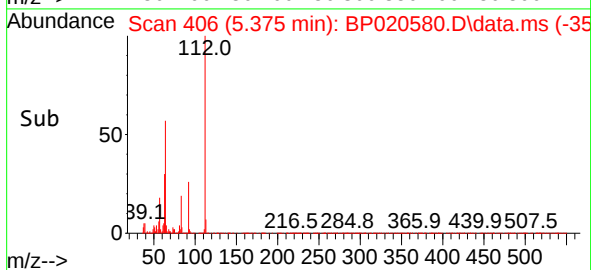
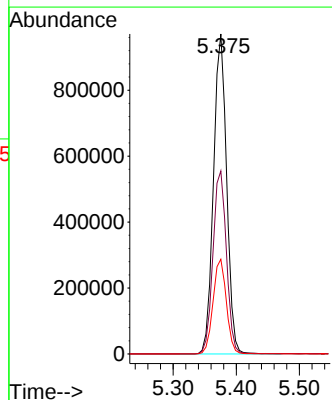
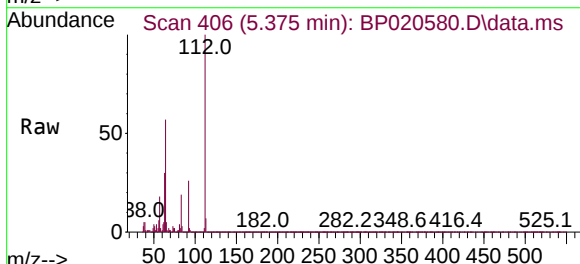
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPD

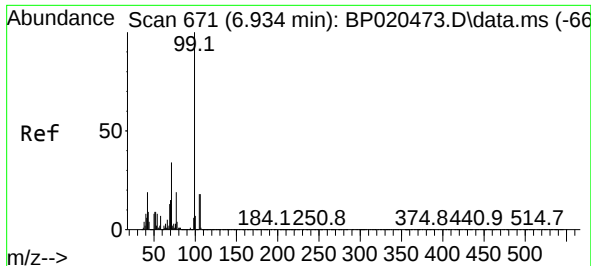
Tgt Ion:152 Resp: 179730  
Ion Ratio Lower Upper  
152 100  
150 153.5 124.2 186.2  
115 58.7 49.5 74.3



#5  
2-Fluorophenol  
Concen: 139.401 ng  
RT: 5.375 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BP020580.D  
Acq: 10 Jun 2024 16:55

Tgt Ion:112 Resp: 1399338  
Ion Ratio Lower Upper  
112 100  
64 57.2 50.1 75.1  
63 29.6 25.7 38.5

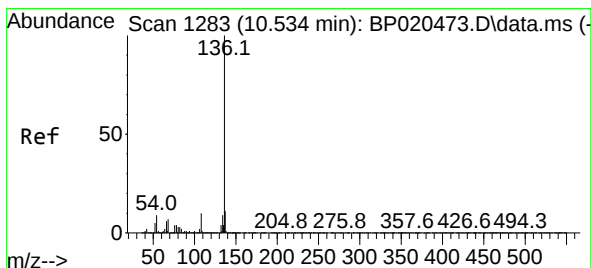
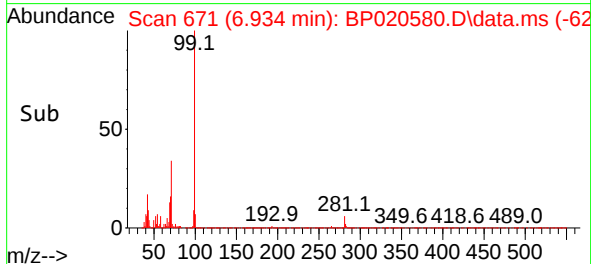
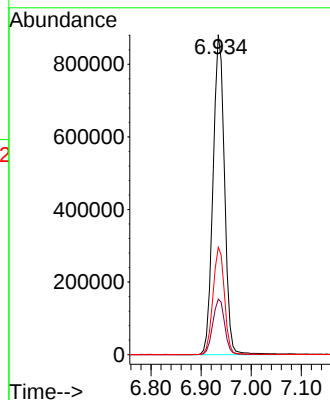
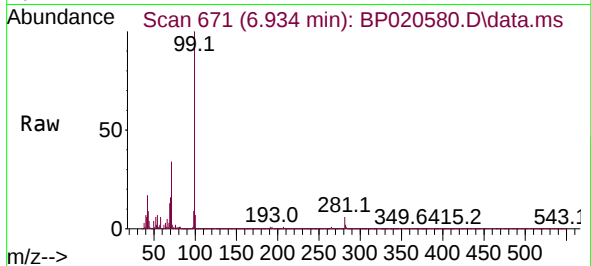




#7  
Phenol-d6  
Concen: 99.086 ng  
RT: 6.934 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BP020580.D  
Acq: 10 Jun 2024 16:55

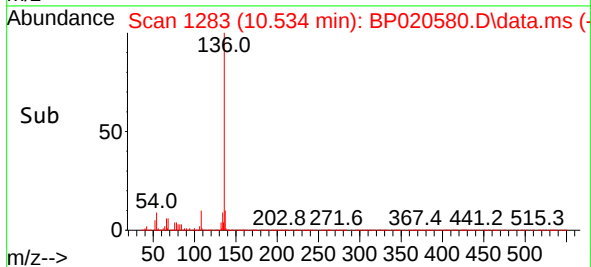
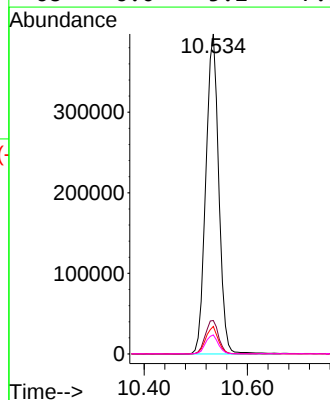
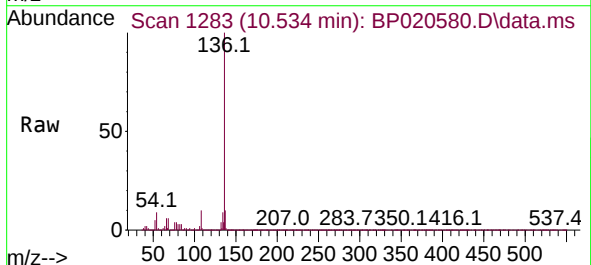
Instrument :  
BNA\_P  
ClientSampleId :  
WCS-TPD

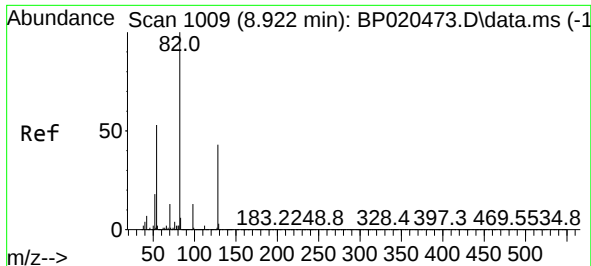
Tgt Ion: 99 Resp: 1402703  
Ion Ratio Lower Upper  
99 100  
42 17.3 15.0 22.4  
71 33.6 27.3 40.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BP020580.D  
Acq: 10 Jun 2024 16:55

Tgt Ion:136 Resp: 688841  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.0 13.4  
54 8.6 7.4 11.0  
68 6.0 5.2 7.8

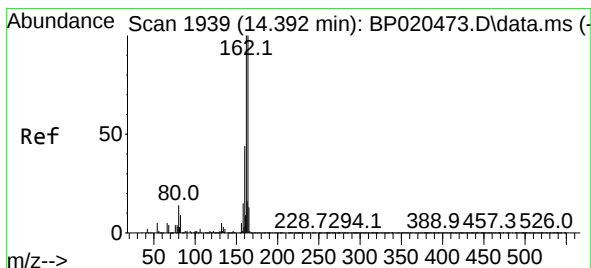
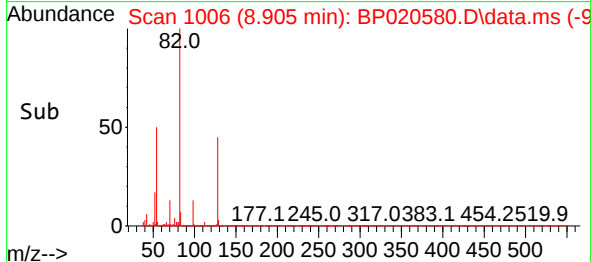
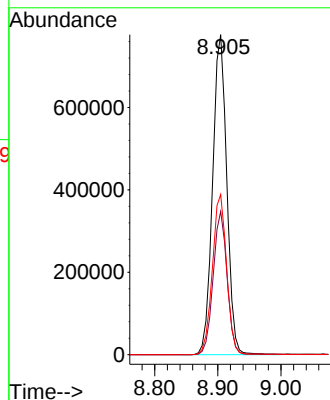
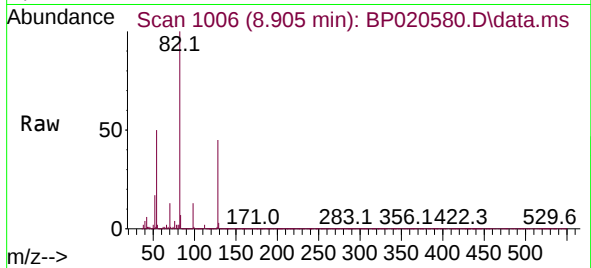




#23  
Nitrobenzene-d5  
Concen: 96.061 ng  
RT: 8.905 min Scan# 1009  
Delta R.T. -0.018 min  
Lab File: BP020580.D  
Acq: 10 Jun 2024 16:55

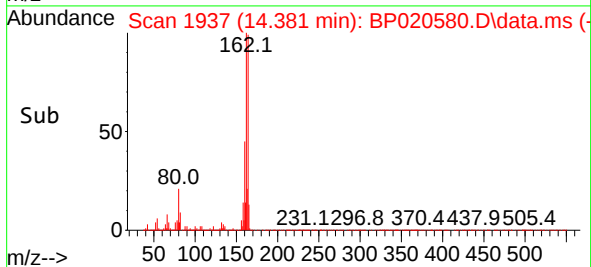
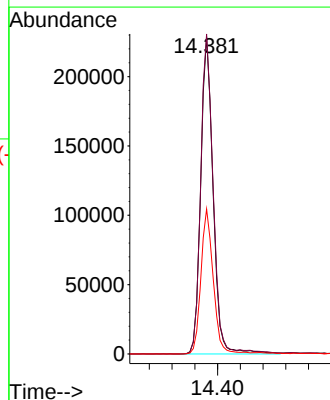
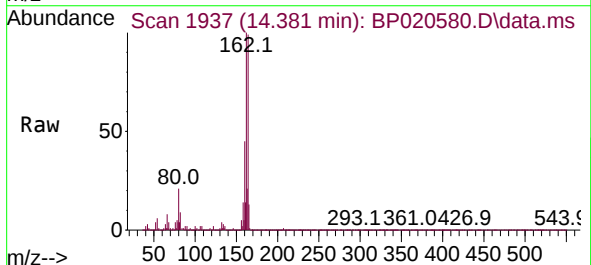
Instrument :  
BNA\_P  
ClientSampleId :  
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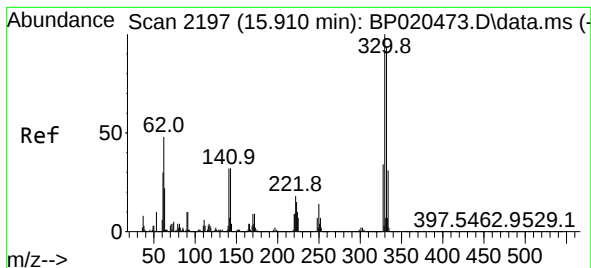
Tgt Ion: 82 Resp: 1208816  
Ion Ratio Lower Upper  
82 100  
128 44.7 34.2 51.4  
54 50.1 42.7 64.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.381 min Scan# 1937  
Delta R.T. -0.011 min  
Lab File: BP020580.D  
Acq: 10 Jun 2024 16:55

Tgt Ion:164 Resp: 346955  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.3 120.5  
160 45.7 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 235.097 ng

RT: 15.904 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BP020580.D

Acq: 10 Jun 2024 16:55

Instrument :

BNA\_P

ClientSampleId :

WCS-TPD

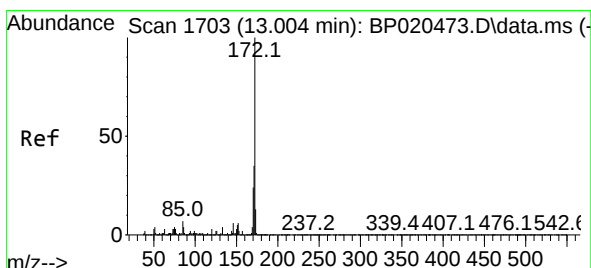
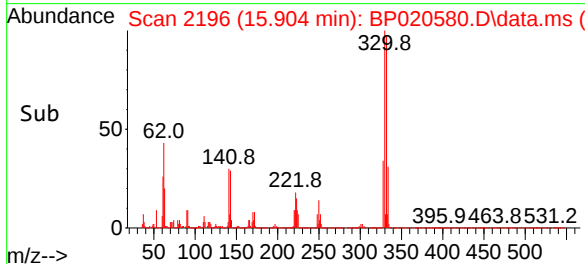
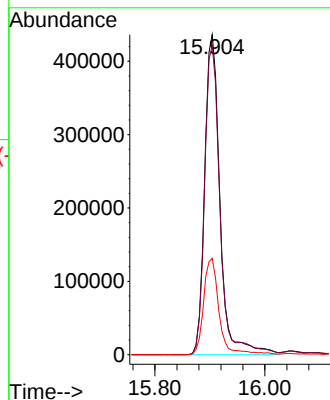
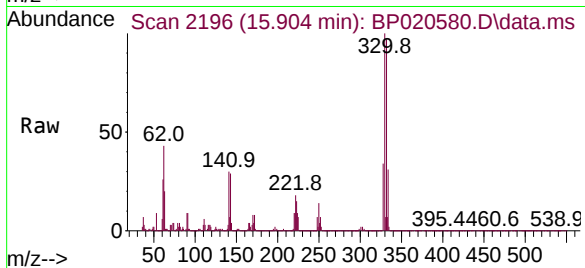
Tgt Ion:330 Resp: 846517

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

141 30.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 121.779 ng

RT: 12.993 min Scan# 1701

Delta R.T. -0.012 min

Lab File: BP020580.D

Acq: 10 Jun 2024 16:55

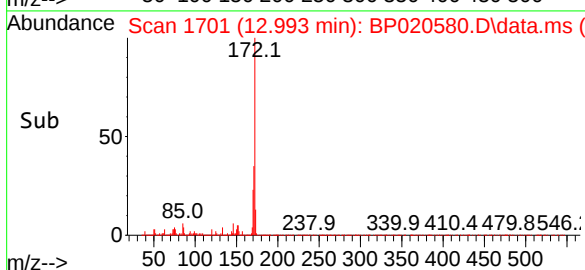
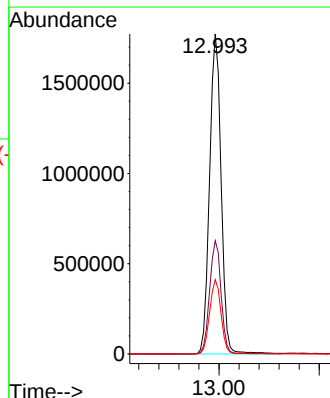
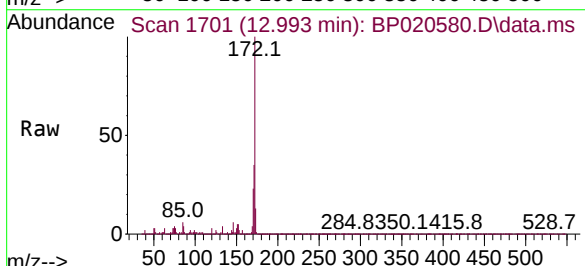
Tgt Ion:172 Resp: 2834313

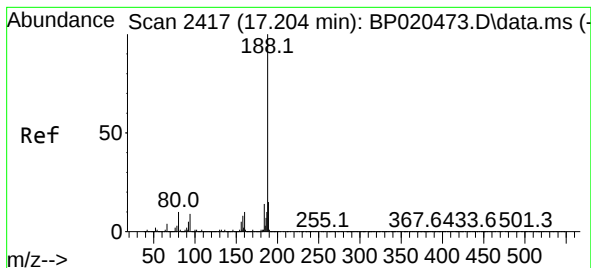
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP020580.D

Acq: 10 Jun 2024 16:55

Instrument :

BNA\_P

ClientSampleId :

WCS-TPD

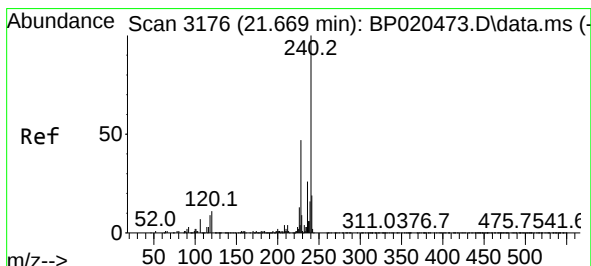
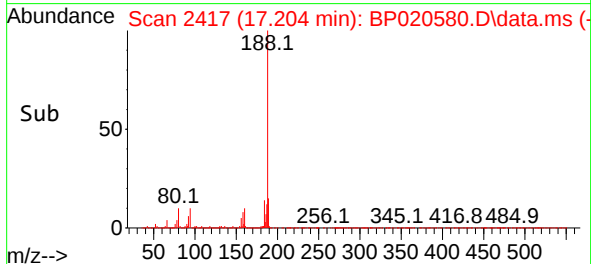
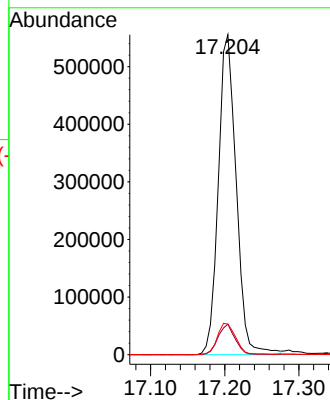
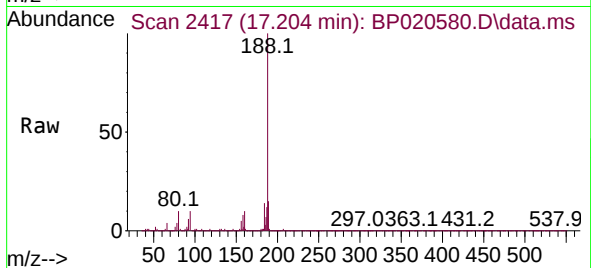
Tgt Ion:188 Resp: 932006

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

80 9.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.663 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BP020580.D

Acq: 10 Jun 2024 16:55

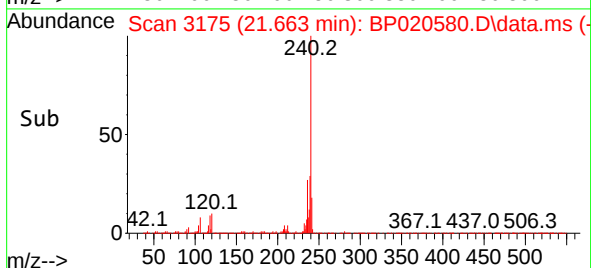
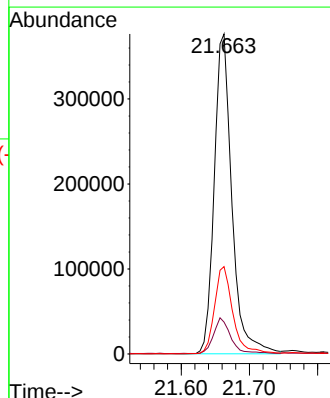
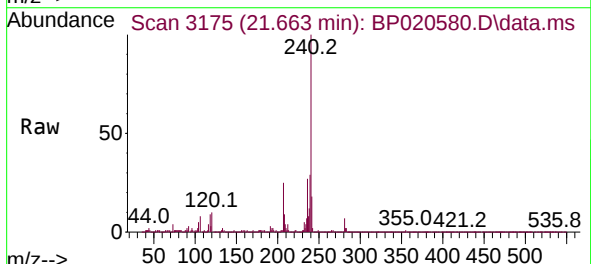
Tgt Ion:240 Resp: 678040

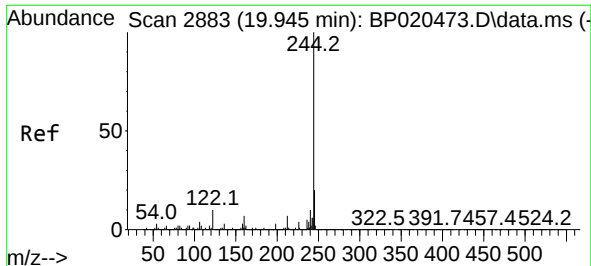
Ion Ratio Lower Upper

240 100

120 10.0 8.5 12.7

236 27.3 20.5 30.7

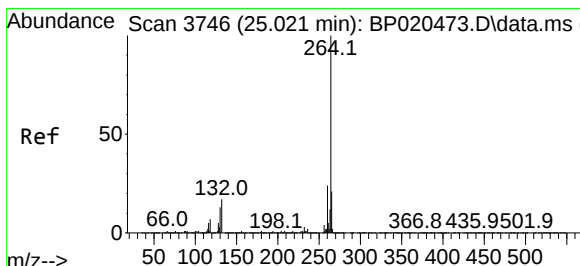
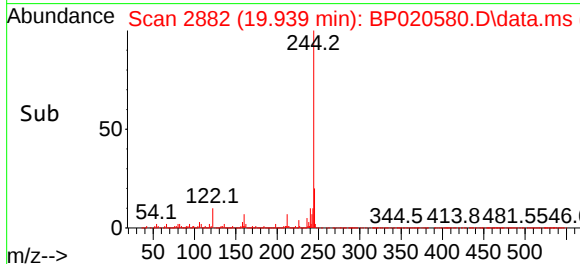
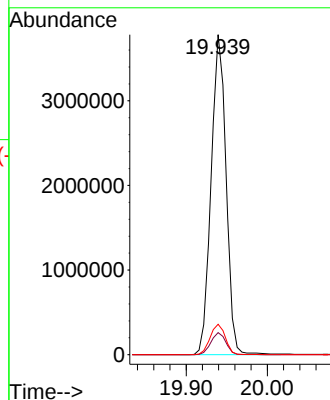
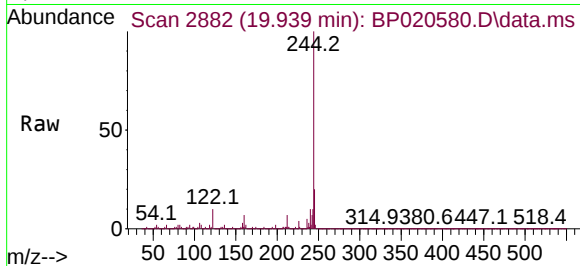




#79  
 Terphenyl-d14  
 Concen: 118.870 ng  
 RT: 19.939 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP020580.D  
 Acq: 10 Jun 2024 16:55

Instrument :  
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 WCS-TPD

Tgt Ion:244 Resp: 4841562  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.8  
 122 9.5 8.2 12.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.045 min Scan# 3750  
 Delta R.T. 0.024 min  
 Lab File: BP020580.D  
 Acq: 10 Jun 2024 16:55

Tgt Ion:264 Resp: 195555  
 Ion Ratio Lower Upper  
 264 100  
 260 27.8 18.9 28.3  
 265 25.9 17.4 26.0

