

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052623\  
 Data File : BP015315.D  
 Acq On : 26 May 2023 18:32  
 Operator : CG/JU  
 Sample : 02945-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB17B

Quant Time: May 29 02:06:01 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 25 01:41:43 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.105  | 152  | 176086   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.934 | 136  | 664013   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.746 | 164  | 381814   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.498 | 188  | 798552   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.581 | 240  | 779282   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.127 | 264  | 923805   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.634  | 112  | 1152044  | 108.413 | ng    | 0.00     |
| 7) Phenol-d6                | 7.258  | 99   | 1436433  | 103.147 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.281  | 82   | 917166   | 67.441  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.240 | 330  | 520015   | 100.223 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.369 | 172  | 1831940  | 64.416  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.034 | 244  | 2621194  | 63.268  | ng    | 0.00     |

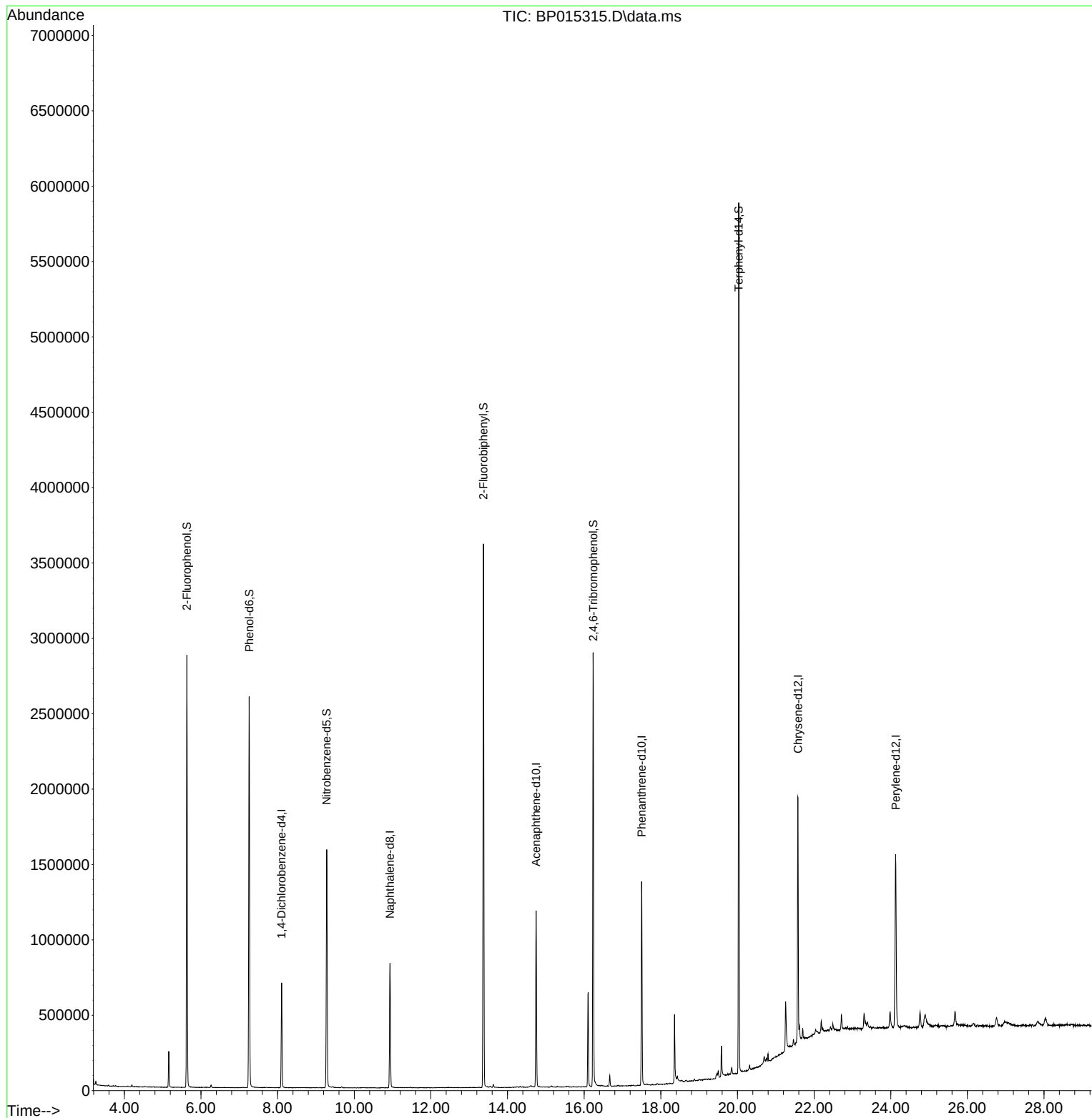
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

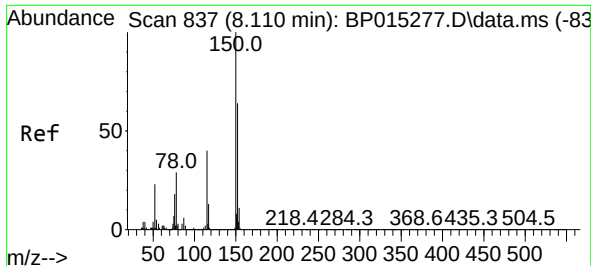
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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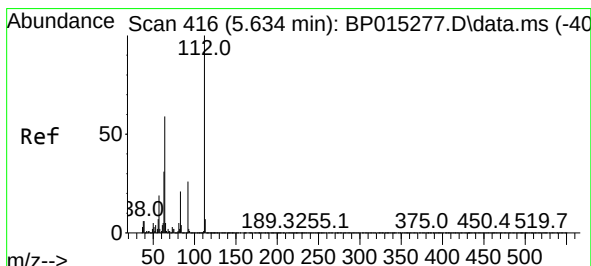
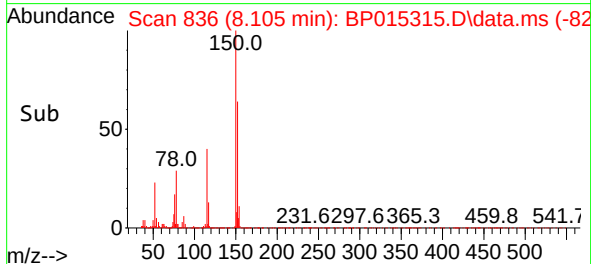
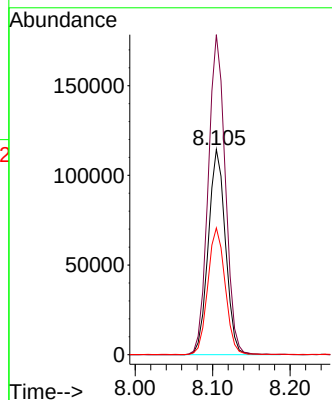
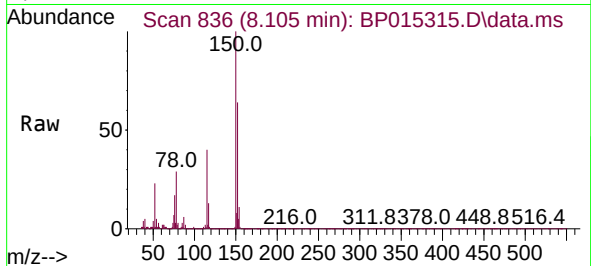




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.105 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BP015315.D  
Acq: 26 May 2023 18:32

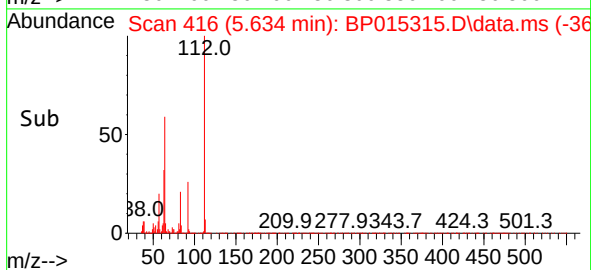
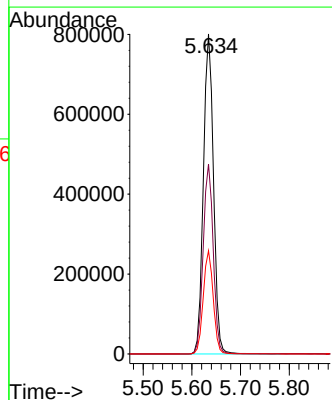
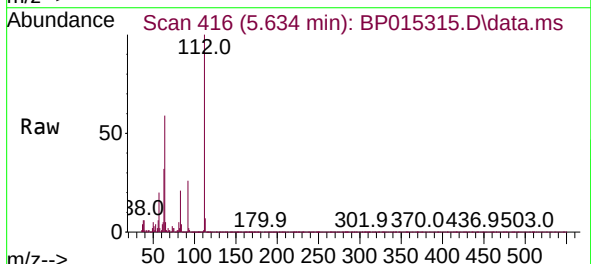
Instrument :  
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ClientSampleId :  
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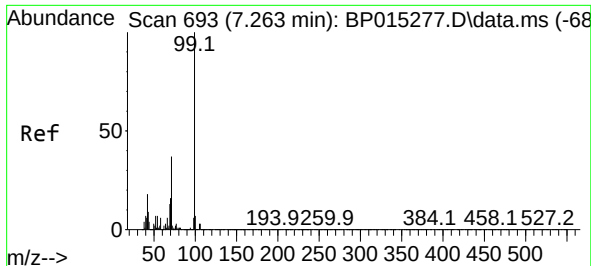
Tgt Ion:152 Resp: 176086  
Ion Ratio Lower Upper  
152 100  
150 155.9 124.2 186.2  
115 61.7 49.1 73.7



#5  
2-Fluorophenol  
Concen: 108.413 ng  
RT: 5.634 min Scan# 416  
Delta R.T. 0.000 min  
Lab File: BP015315.D  
Acq: 26 May 2023 18:32

Tgt Ion:112 Resp: 1152044  
Ion Ratio Lower Upper  
112 100  
64 59.3 47.2 70.8  
63 32.3 24.6 37.0

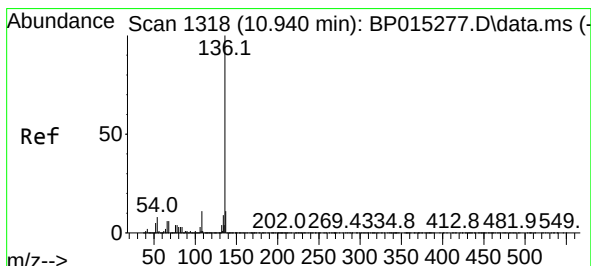
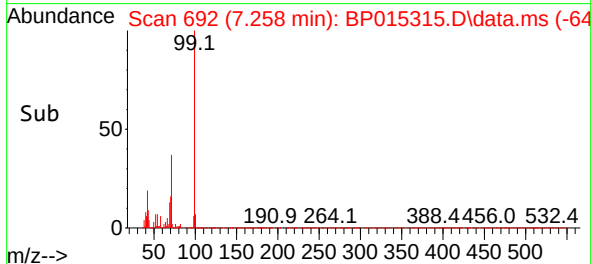
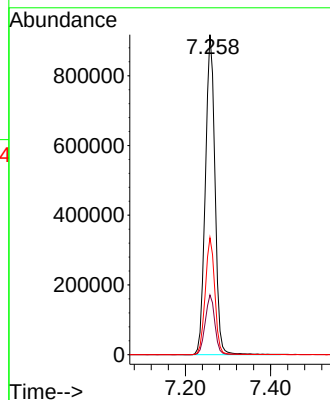
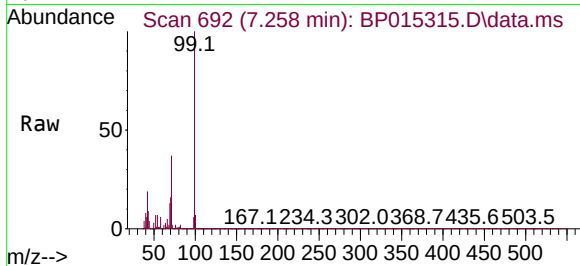




#7  
Phenol-d6  
Concen: 103.147 ng  
RT: 7.258 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BP015315.D  
Acq: 26 May 2023 18:32

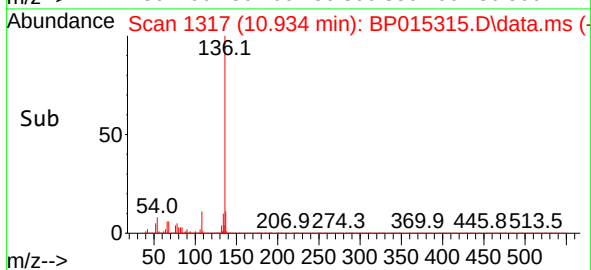
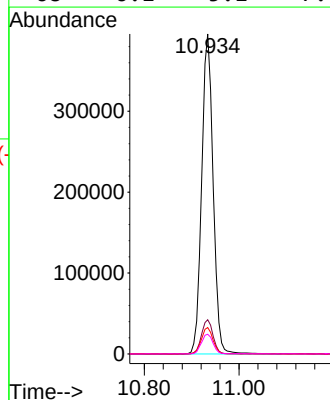
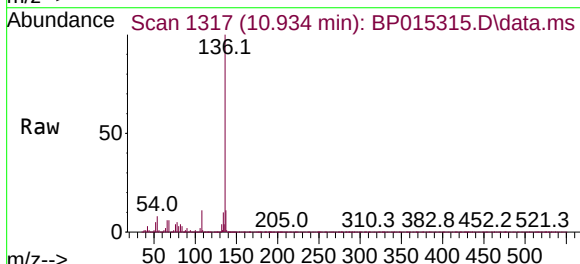
Instrument :  
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ClientSampleId :  
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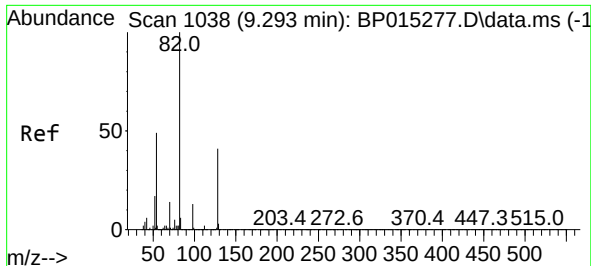
Tgt Ion: 99 Resp: 1436433  
Ion Ratio Lower Upper  
99 100  
42 18.6 14.6 22.0  
71 36.6 29.4 44.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.934 min Scan# 1317  
Delta R.T. -0.006 min  
Lab File: BP015315.D  
Acq: 26 May 2023 18:32

Tgt Ion: 136 Resp: 664013  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.9 13.3  
54 8.3 6.3 9.5  
68 6.1 5.1 7.7

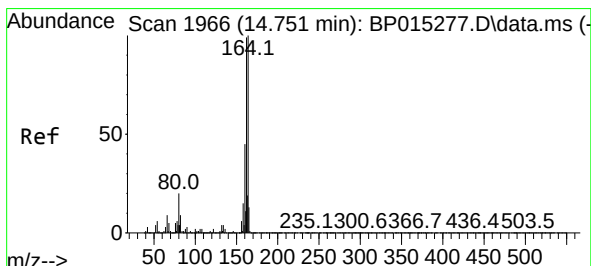
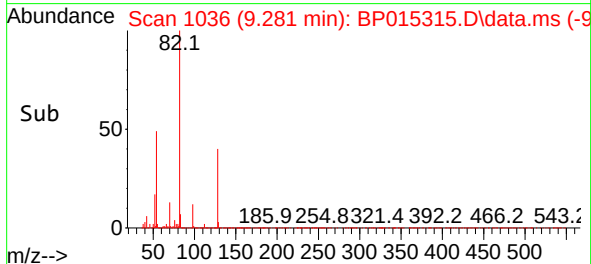
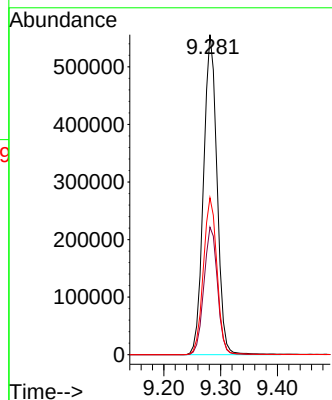
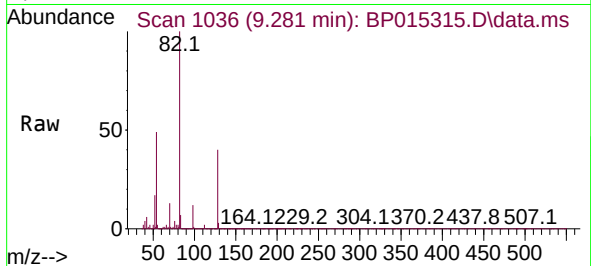




#23  
Nitrobenzene-d5  
Concen: 67.441 ng  
RT: 9.281 min Scan# 1036  
Delta R.T. -0.012 min  
Lab File: BP015315.D  
Acq: 26 May 2023 18:32

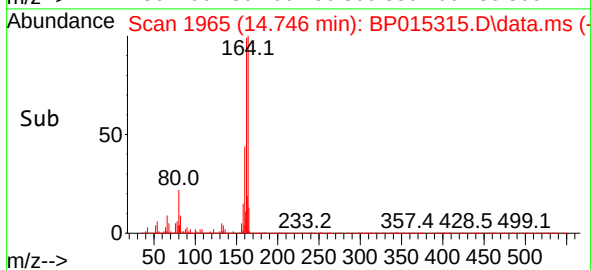
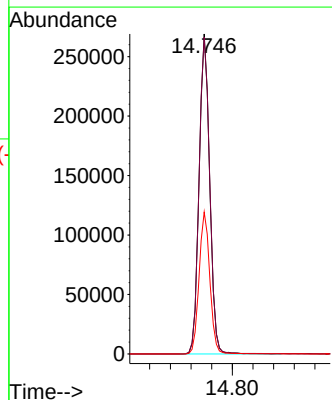
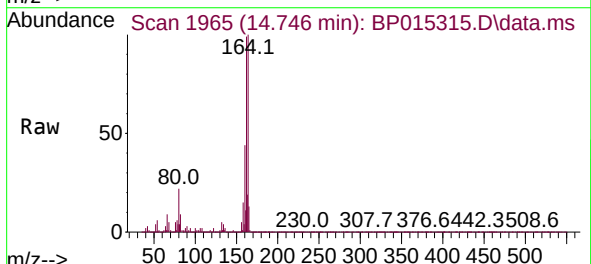
Instrument :  
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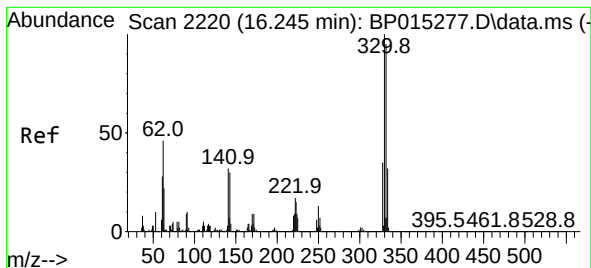
Tgt Ion: 82 Resp: 917166  
Ion Ratio Lower Upper  
82 100  
128 39.9 33.0 49.4  
54 49.0 39.2 58.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.746 min Scan# 1965  
Delta R.T. -0.006 min  
Lab File: BP015315.D  
Acq: 26 May 2023 18:32

Tgt Ion: 164 Resp: 381814  
Ion Ratio Lower Upper  
164 100  
162 99.0 79.4 119.2  
160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 100.223 ng

RT: 16.240 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015315.D

Acq: 26 May 2023 18:32

Instrument :

BNA\_P

ClientSampleId :

SB17B

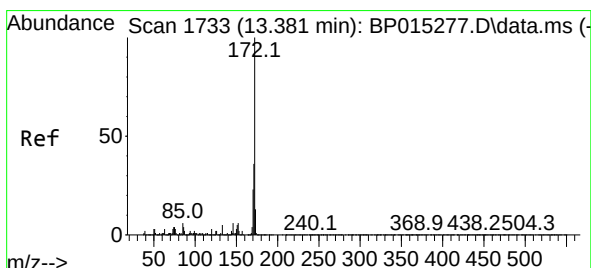
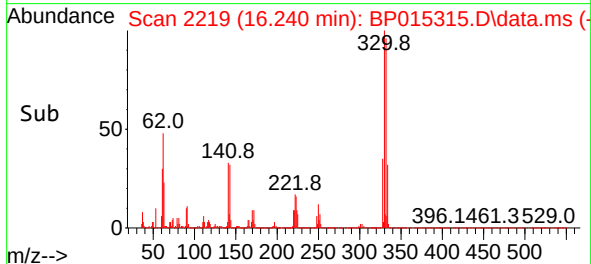
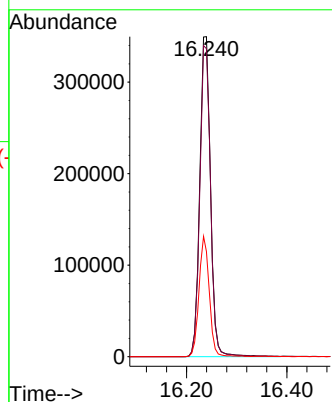
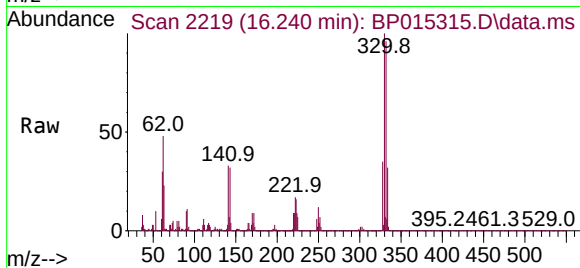
Tgt Ion:330 Resp: 520015

Ion Ratio Lower Upper

330 100

332 96.3 76.3 114.5

141 36.0 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 64.416 ng

RT: 13.369 min Scan# 1731

Delta R.T. -0.012 min

Lab File: BP015315.D

Acq: 26 May 2023 18:32

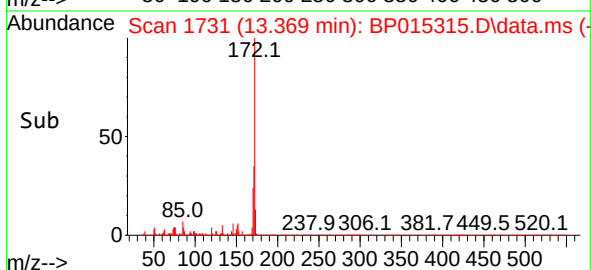
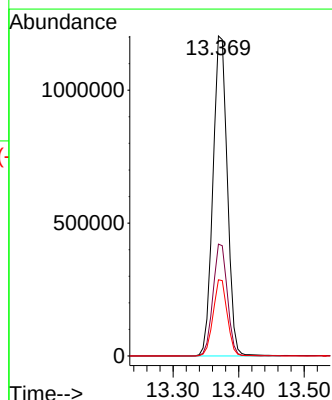
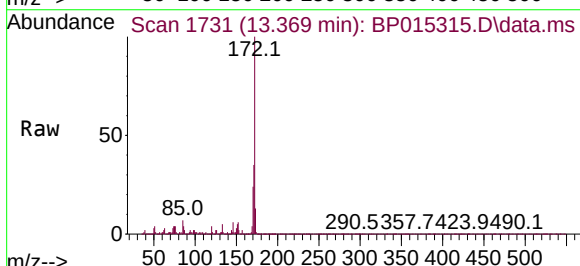
Tgt Ion:172 Resp: 1831940

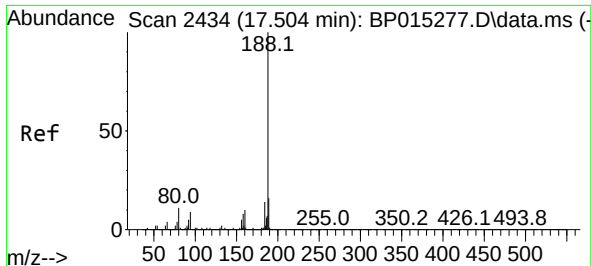
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.8 18.7 28.1

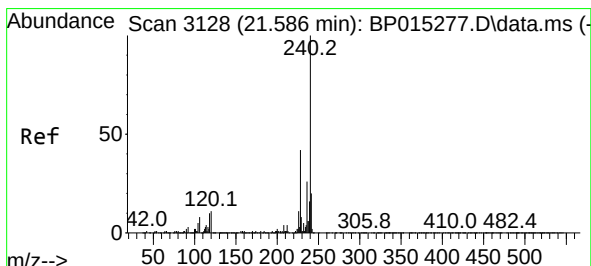
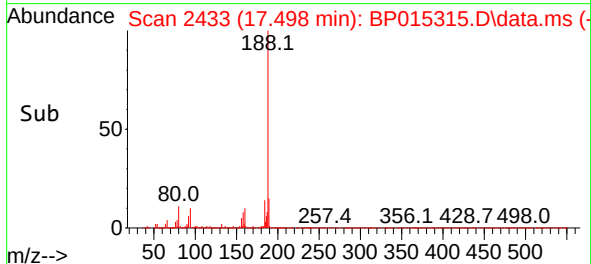
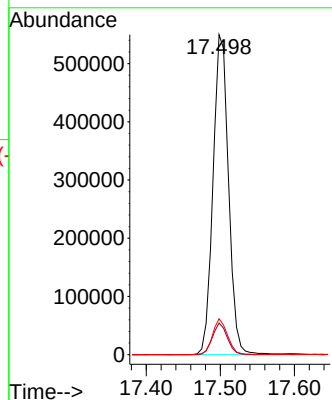
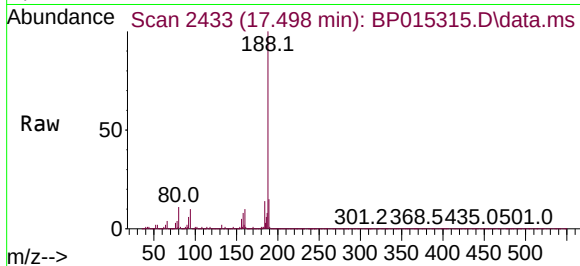




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.498 min Scan# 2434  
Delta R.T. -0.006 min  
Lab File: BP015315.D  
Acq: 26 May 2023 18:32

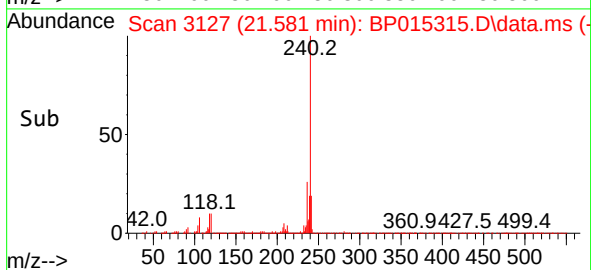
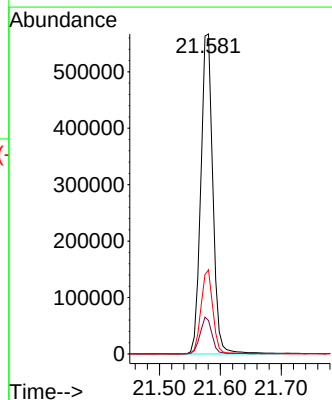
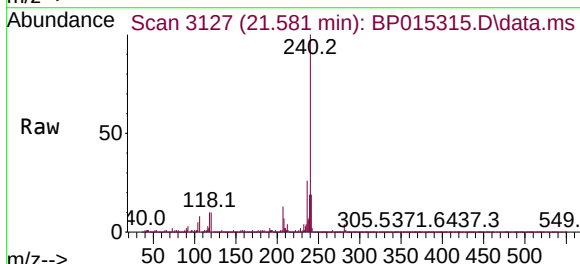
Instrument :  
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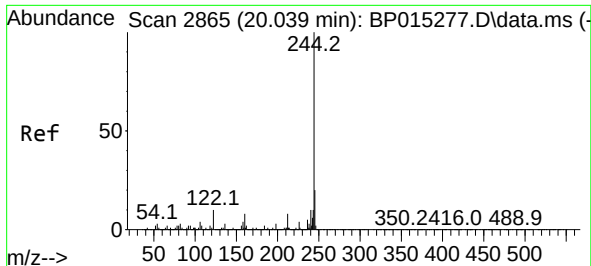
Tgt Ion:188 Resp: 798552  
Ion Ratio Lower Upper  
188 100  
94 9.9 7.4 11.0  
80 11.3 8.6 13.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.581 min Scan# 3127  
Delta R.T. -0.006 min  
Lab File: BP015315.D  
Acq: 26 May 2023 18:32

Tgt Ion:240 Resp: 779282  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.8 13.2  
236 26.3 20.5 30.7

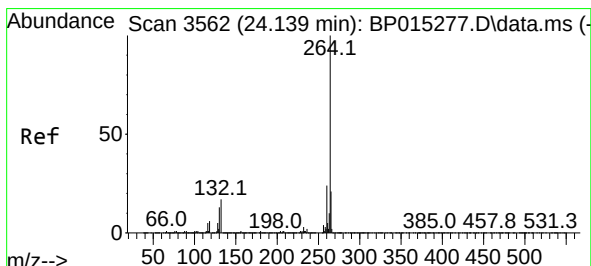
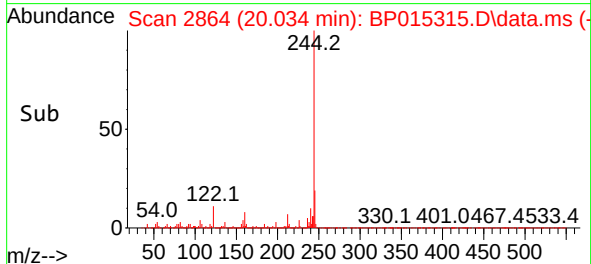
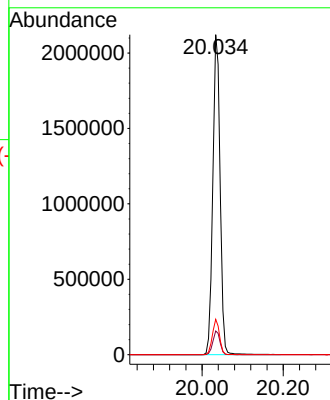
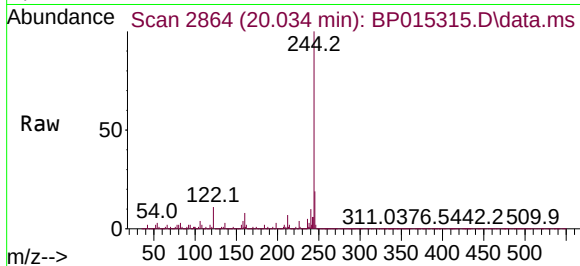




#79  
 Terphenyl-d14  
 Concen: 63.268 ng  
 RT: 20.034 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP015315.D  
 Acq: 26 May 2023 18:32

Instrument :  
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Tgt Ion:244 Resp: 2621194  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.0 9.0  
 122 11.0 8.2 12.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.127 min Scan# 3560  
 Delta R.T. -0.012 min  
 Lab File: BP015315.D  
 Acq: 26 May 2023 18:32

Tgt Ion:264 Resp: 923805  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.0 28.6  
 265 22.0 17.5 26.3

