

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021424\  
 Data File : BP019702.D  
 Acq On : 14 Feb 2024 15:31  
 Operator : MA/JU  
 Sample : P1461-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-2

Quant Time: Feb 14 16:03:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 00:51:48 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.905  | 152  | 64104    | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.704 | 136  | 222251   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.534 | 164  | 133610   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.292 | 188  | 302431   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 21.386 | 240  | 294185   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 23.804 | 264  | 340196   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 319735   | 80.399 | ng    | -0.01    |
| 7) Phenol-d6                | 7.075  | 99   | 392684   | 73.231 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.069  | 82   | 282881   | 55.152 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 16.034 | 330  | 191403   | 98.115 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 643836   | 59.571 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.857 | 244  | 1092881  | 61.094 | ng    | -0.01    |

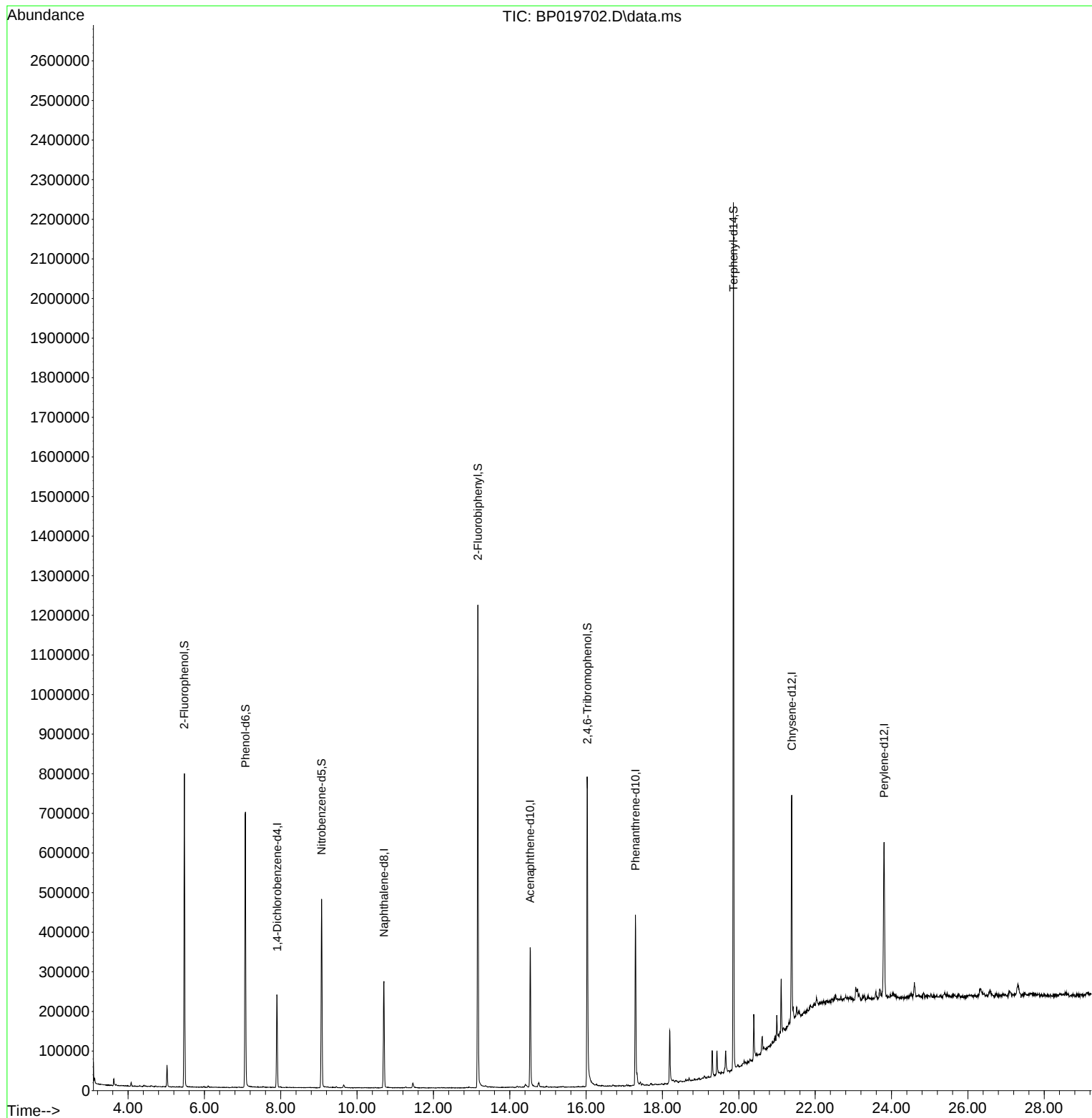
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

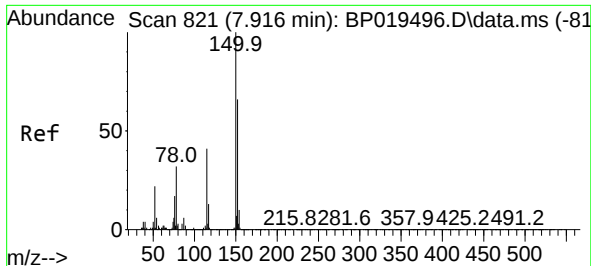
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 01 00:51:48 2024  
Response via : Initial Calibration

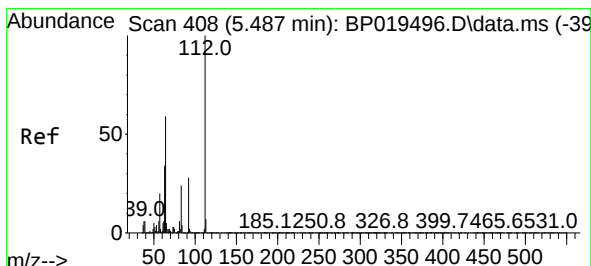
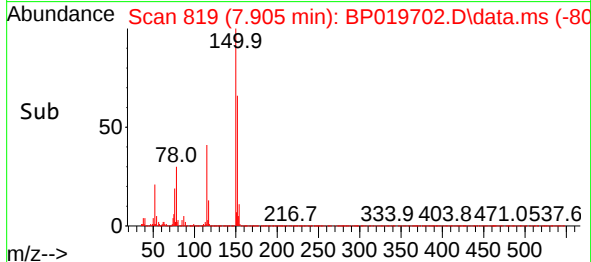
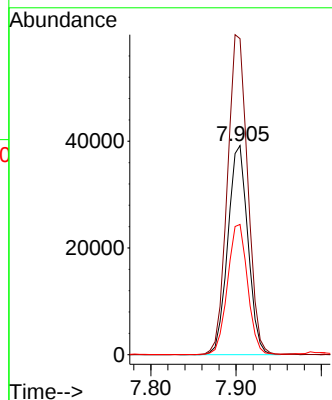
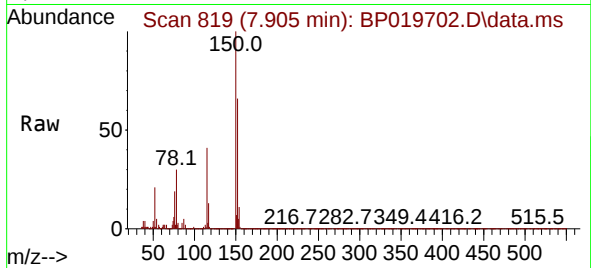




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP019702.D  
Acq: 14 Feb 2024 15:31

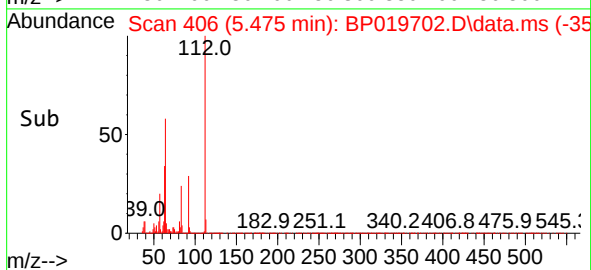
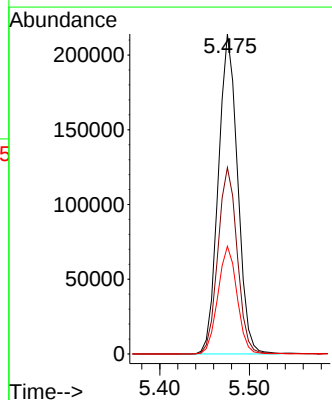
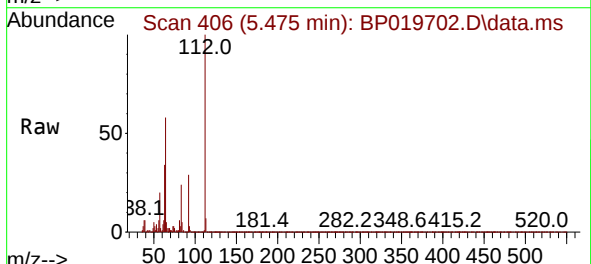
Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

Tgt Ion:152 Resp: 64104  
Ion Ratio Lower Upper  
152 100  
150 151.2 121.8 182.8  
115 62.3 49.9 74.9



#5  
2-Fluorophenol  
Concen: 80.399 ng  
RT: 5.475 min Scan# 406  
Delta R.T. -0.011 min  
Lab File: BP019702.D  
Acq: 14 Feb 2024 15:31

Tgt Ion:112 Resp: 319735  
Ion Ratio Lower Upper  
112 100  
64 58.2 47.4 71.0  
63 33.7 27.0 40.6

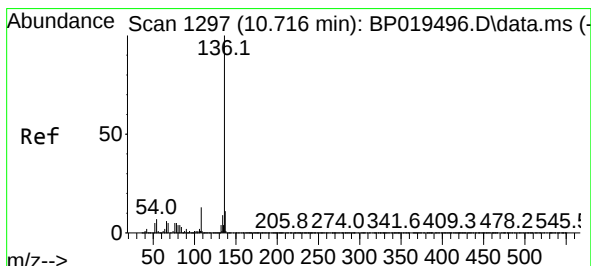
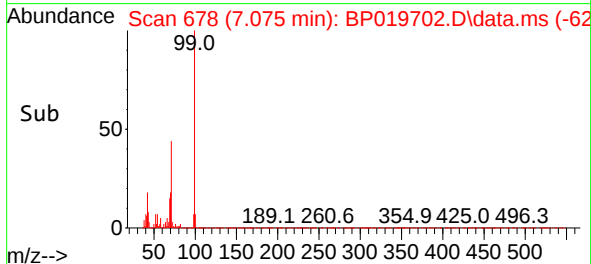
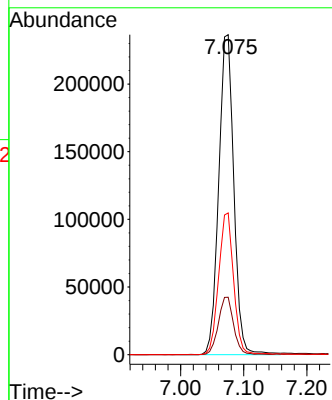
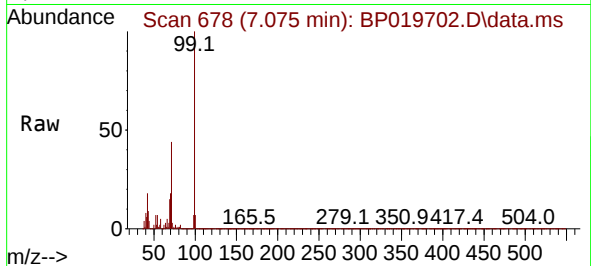




#7  
Phenol-d6  
Concen: 73.231 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BP019702.D  
Acq: 14 Feb 2024 15:31

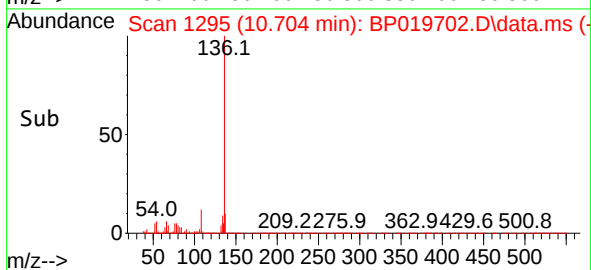
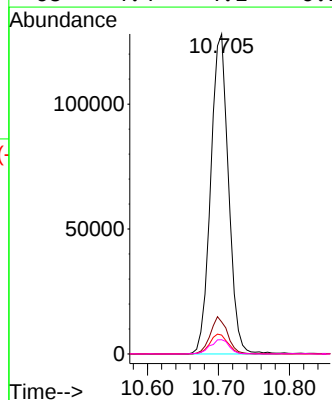
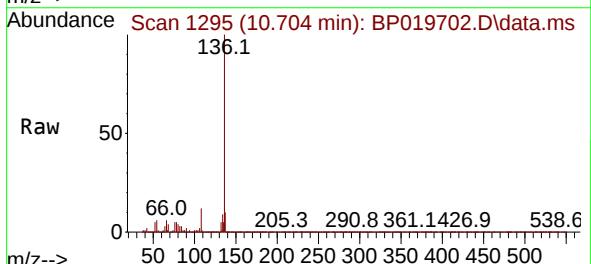
Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

Tgt Ion: 99 Resp: 392684  
Ion Ratio Lower Upper  
99 100  
42 17.9 14.7 22.1  
71 44.3 34.8 52.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.011 min  
Lab File: BP019702.D  
Acq: 14 Feb 2024 15:31

Tgt Ion: 136 Resp: 222251  
Ion Ratio Lower Upper  
136 100  
137 10.0 8.8 13.2  
54 5.9 5.3 7.9  
68 4.4 4.1 6.1

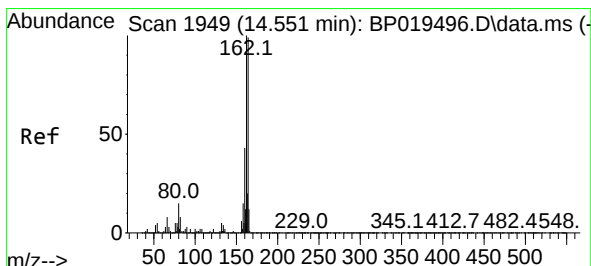
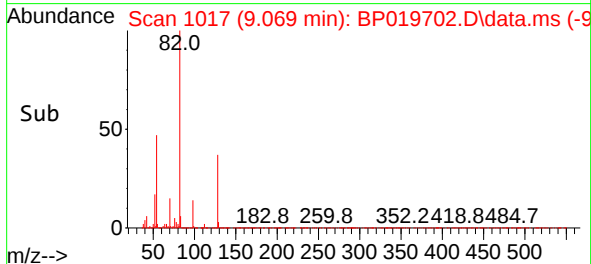
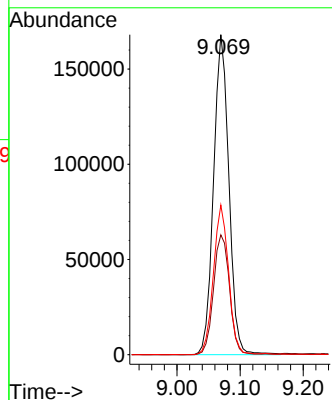
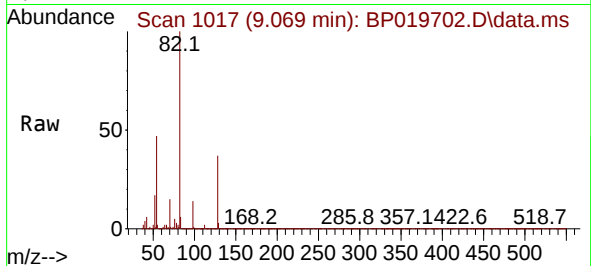




#23  
Nitrobenzene-d5  
Concen: 55.152 ng  
RT: 9.069 min Scan# 1020  
Delta R.T. -0.017 min  
Lab File: BP019702.D  
Acq: 14 Feb 2024 15:31

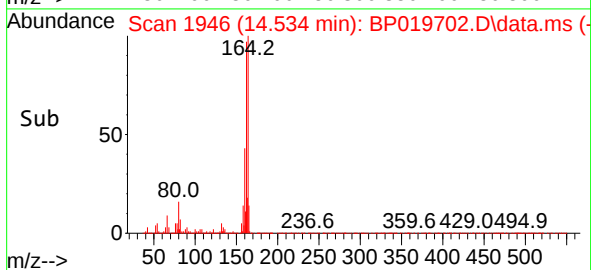
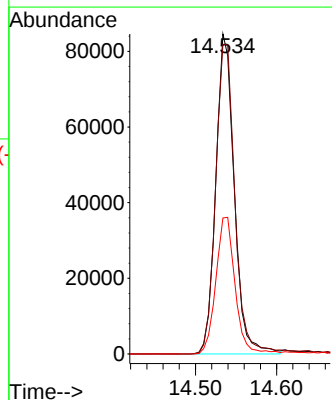
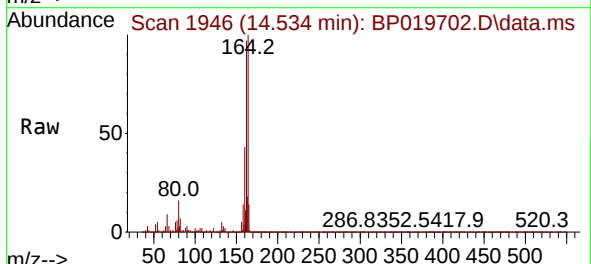
Instrument :  
BNA\_P  
ClientSampleId :  
TP-2

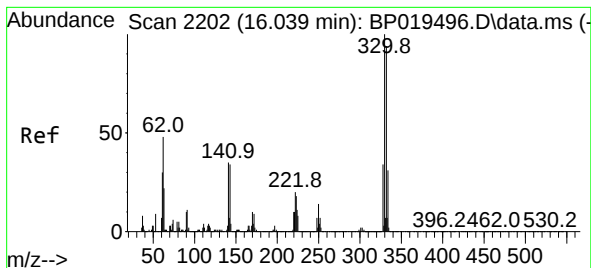
Tgt Ion: 82 Resp: 282881  
Ion Ratio Lower Upper  
82 100  
128 37.5 29.7 44.5  
54 46.7 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1946  
Delta R.T. -0.017 min  
Lab File: BP019702.D  
Acq: 14 Feb 2024 15:31

Tgt Ion:164 Resp: 133610  
Ion Ratio Lower Upper  
164 100  
162 96.7 81.2 121.8  
160 42.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 98.115 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019702.D

Acq: 14 Feb 2024 15:31

Instrument :

BNA\_P

ClientSampleId :

TP-2

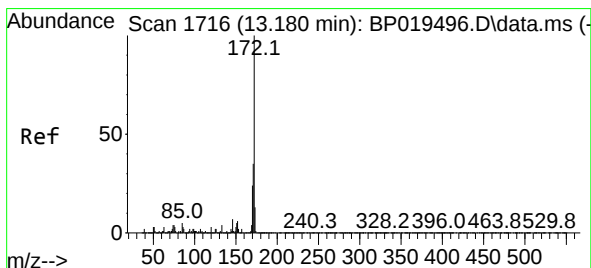
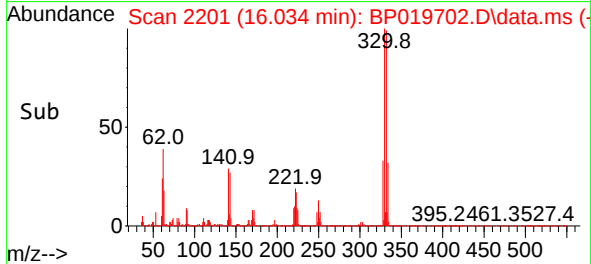
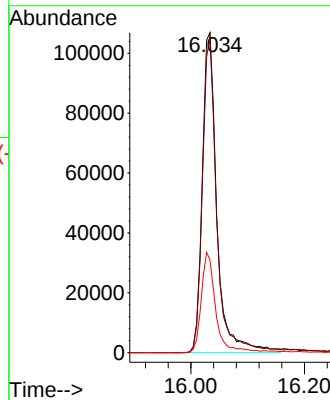
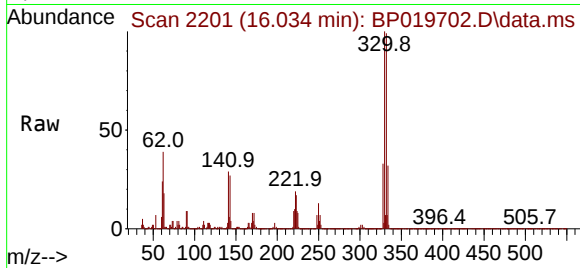
Tgt Ion:330 Resp: 191403

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 30.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 59.571 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019702.D

Acq: 14 Feb 2024 15:31

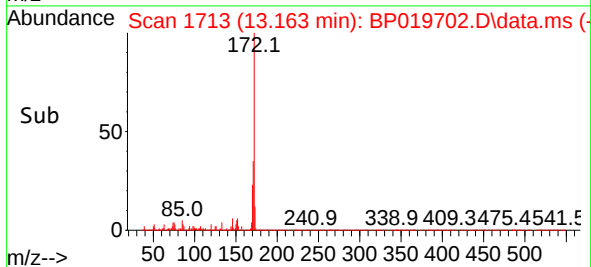
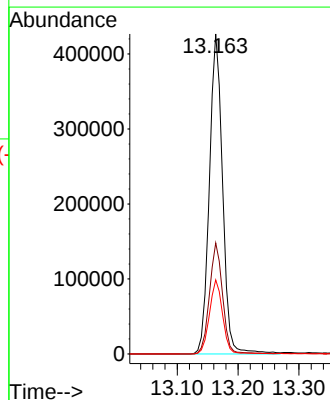
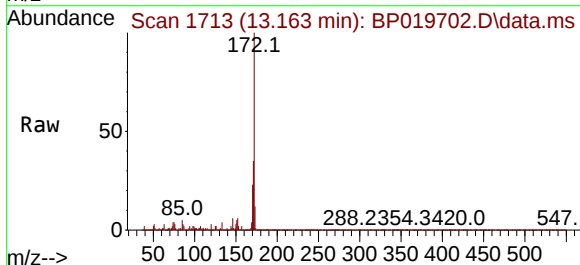
Tgt Ion:172 Resp: 643836

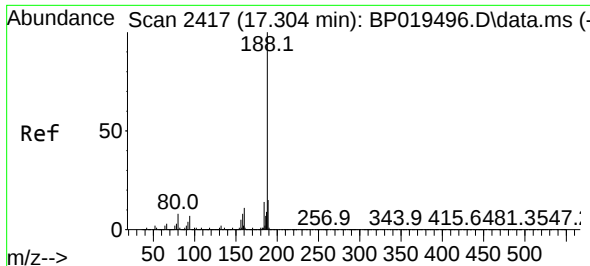
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 23.1 18.9 28.3

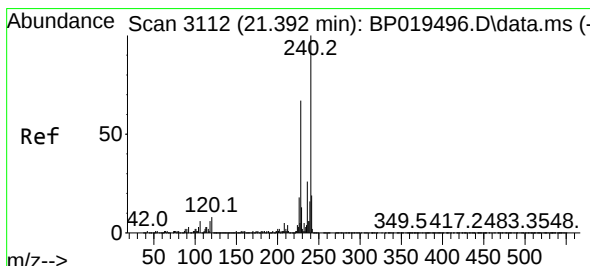
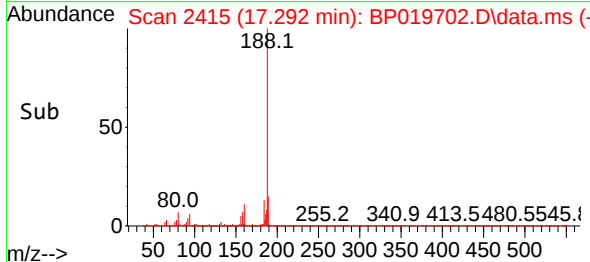
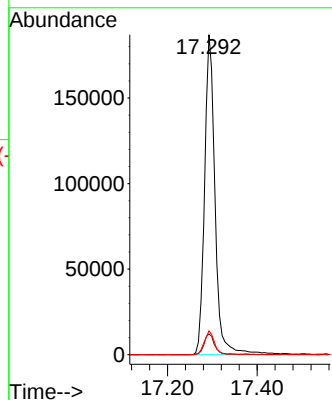
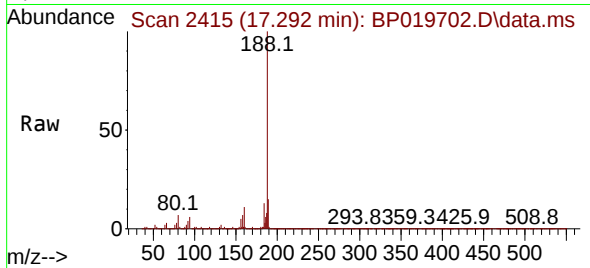




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.292 min Scan# 2415  
Delta R.T. -0.012 min  
Lab File: BP019702.D  
Acq: 14 Feb 2024 15:31

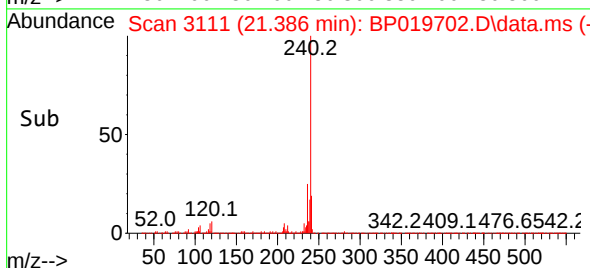
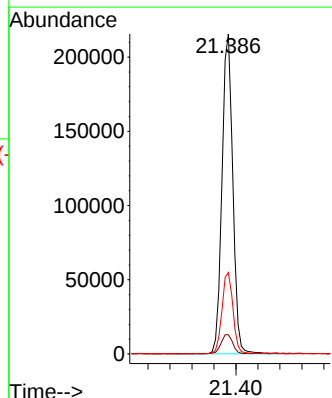
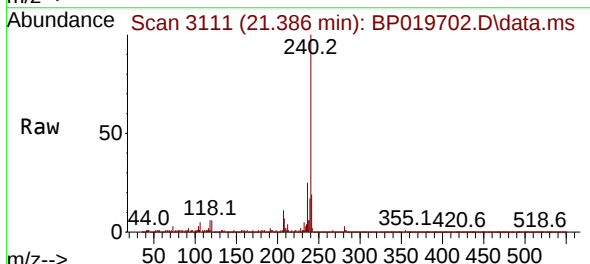
Instrument :  
BNA\_P  
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Tgt Ion:188 Resp: 302431  
Ion Ratio Lower Upper  
188 100  
94 6.5 5.4 8.2  
80 7.5 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.386 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BP019702.D  
Acq: 14 Feb 2024 15:31

Tgt Ion:240 Resp: 294185  
Ion Ratio Lower Upper  
240 100  
120 6.0 6.1 9.1#  
236 25.5 20.7 31.1



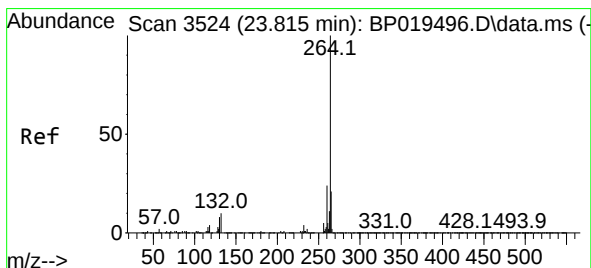
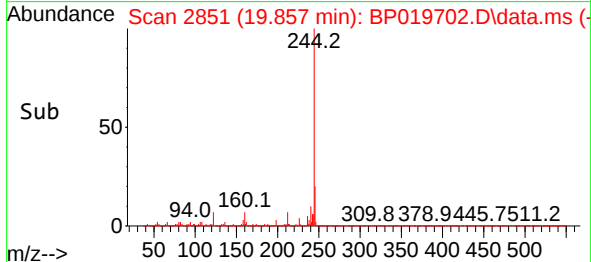
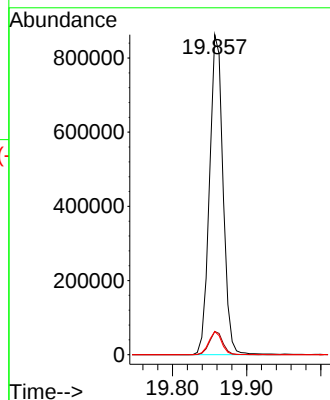
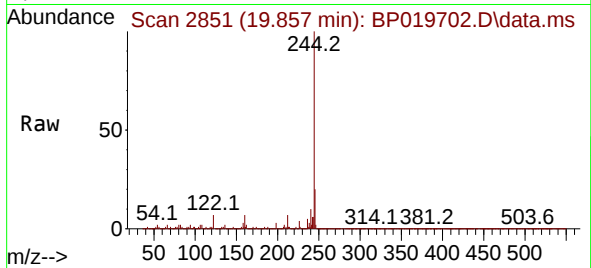


#79  
 Terphenyl-d14  
 Concen: 61.094 ng  
 RT: 19.857 min Scan# 2851  
 Delta R.T. -0.011 min  
 Lab File: BP019702.D  
 Acq: 14 Feb 2024 15:31

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-2

Tgt Ion:244 Resp: 1092881  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.2   | 6.1   | 9.1   |
| 122 | 7.3   | 5.9   | 8.9   |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.804 min Scan# 3522  
 Delta R.T. -0.011 min  
 Lab File: BP019702.D  
 Acq: 14 Feb 2024 15:31

Tgt Ion:264 Resp: 340196  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 19.2  | 28.8  |
| 265 | 22.7  | 17.0  | 25.4  |

