

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022124\  
 Data File : BP019807.D  
 Acq On : 21 Feb 2024 14:39  
 Operator : MA/JU  
 Sample : P1523-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20240764-COMPOSITE-39N-N-3-02

Quant Time: Feb 21 15:03:15 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 19 23:35:42 2024  
 Response via : Initial Calibration

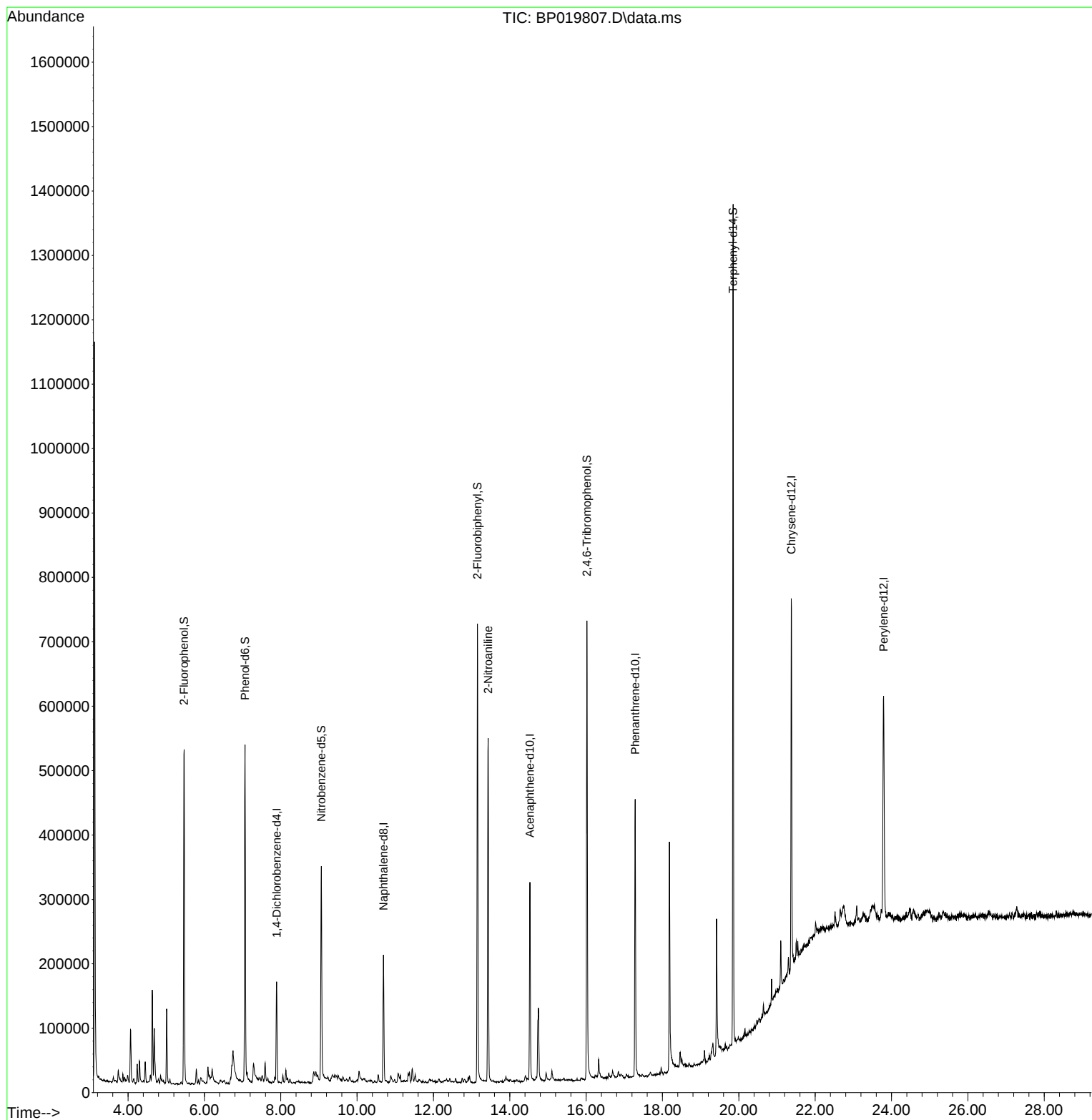
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|--------|------|----------|--------|-------|-------------|
| -----                       |        |      |          |        |       |             |
| Internal Standards          |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4   | 7.893  | 152  | 43907    | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8          | 10.693 | 136  | 158723   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10        | 14.528 | 164  | 117070   | 20.000 | ng    | -0.01       |
| 64) Phenanthrene-d10        | 17.286 | 188  | 282182   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12            | 21.374 | 240  | 320871   | 20.000 | ng    | -0.02       |
| 86) Perylene-d12            | 23.792 | 264  | 340783   | 20.000 | ng    | -0.02       |
| System Monitoring Compounds |        |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.469  | 112  | 222378   | 81.640 | ng    | 0.00        |
| 7) Phenol-d6                | 7.063  | 99   | 295507   | 80.458 | ng    | 0.00        |
| 23) Nitrobenzene-d5         | 9.063  | 82   | 204744   | 55.895 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol    | 16.022 | 330  | 162620   | 95.138 | ng    | -0.01       |
| 45) 2-Fluorobiphenyl        | 13.151 | 172  | 382249   | 40.364 | ng    | -0.01       |
| 79) Terphenyl-d14           | 19.851 | 244  | 662411   | 33.950 | ng    | -0.01       |
| Target Compounds            |        |      |          |        |       |             |
| 48) 2-Nitroaniline          | 13.434 | 65   | 11870    | 5.535  | ng    | Qvalue # 15 |
| -----                       |        |      |          |        |       |             |

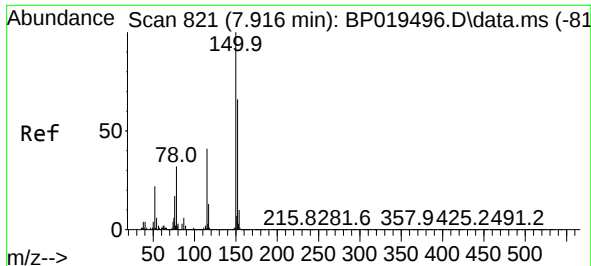
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Feb 19 23:35:42 2024  
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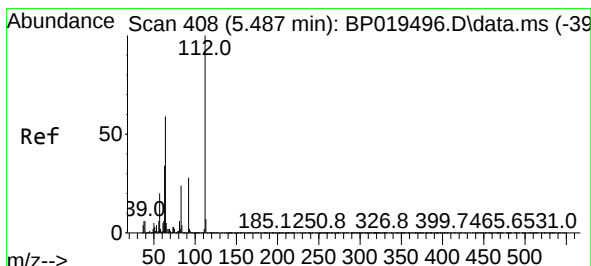
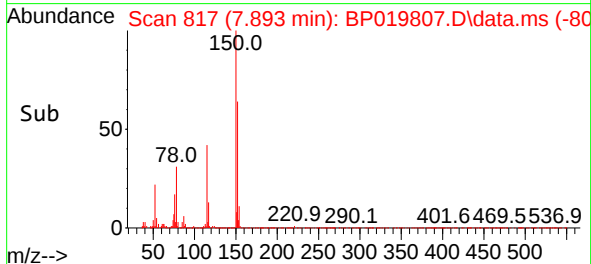
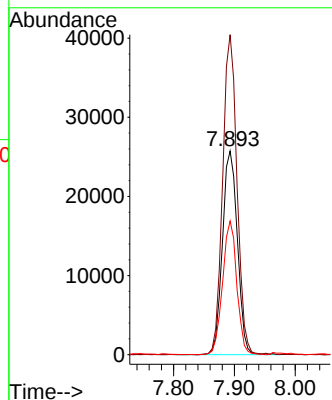
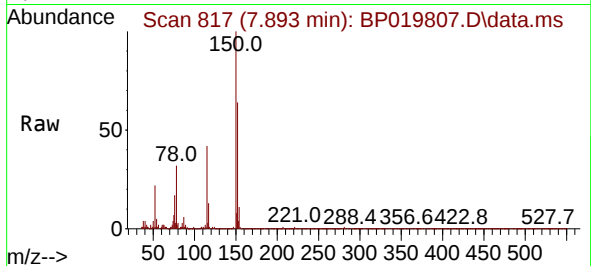




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.893 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

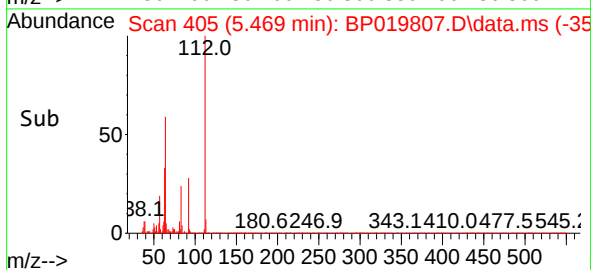
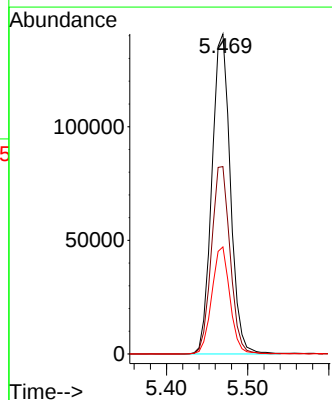
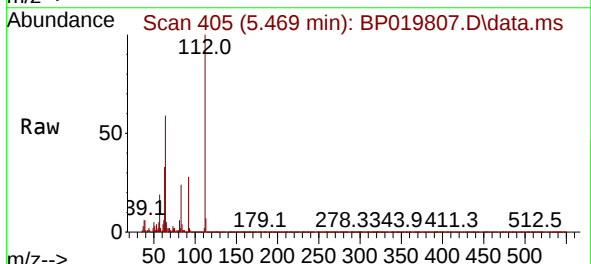
Instrument :  
BNA\_P  
ClientSampleId :  
20240764-COMPOSITE-39N-N-3-02

Tgt Ion:152 Resp: 43907  
Ion Ratio Lower Upper  
152 100  
150 157.1 121.8 182.8  
115 65.6 49.9 74.9



#5  
2-Fluorophenol  
Concen: 81.640 ng  
RT: 5.469 min Scan# 405  
Delta R.T. -0.006 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

Tgt Ion:112 Resp: 222378  
Ion Ratio Lower Upper  
112 100  
64 58.6 47.4 71.0  
63 33.5 27.0 40.6

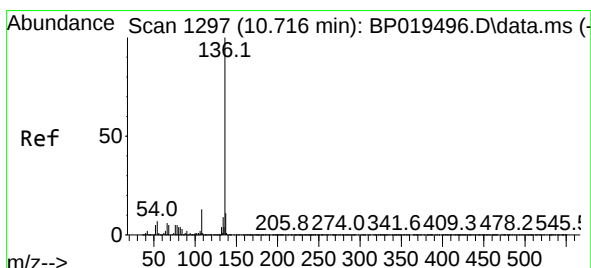
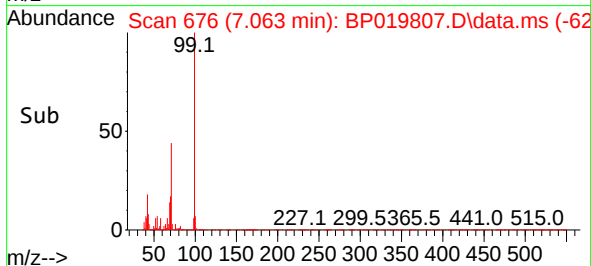
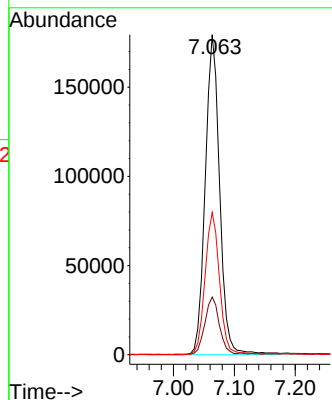
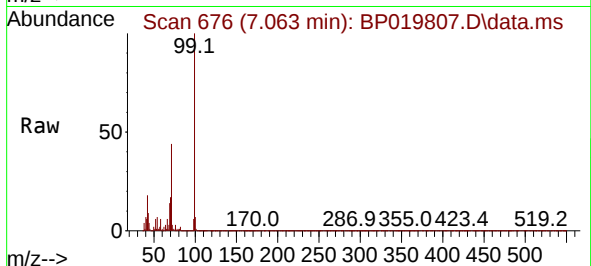




#7  
Phenol-d6  
Concen: 80.458 ng  
RT: 7.063 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

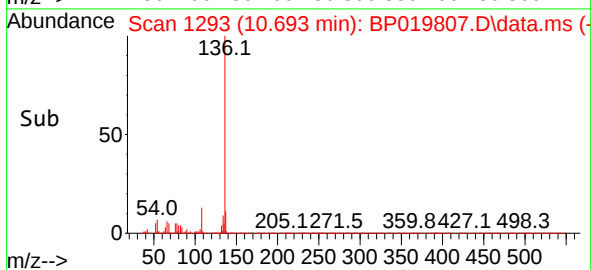
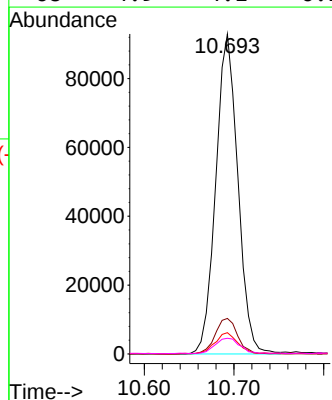
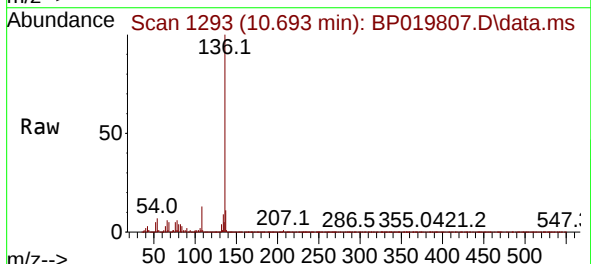
Instrument :  
BNA\_P  
ClientSampleId :  
20240764-COMPOSITE-39N-N-3-02

Tgt Ion: 99 Resp: 295507  
Ion Ratio Lower Upper  
99 100  
42 18.0 14.7 22.1  
71 44.5 34.8 52.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.693 min Scan# 1293  
Delta R.T. -0.006 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

Tgt Ion: 136 Resp: 158723  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 6.7 5.3 7.9  
68 4.9 4.1 6.1

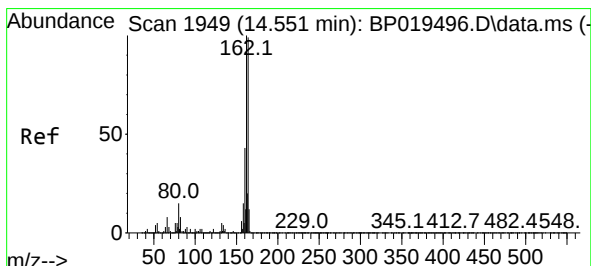
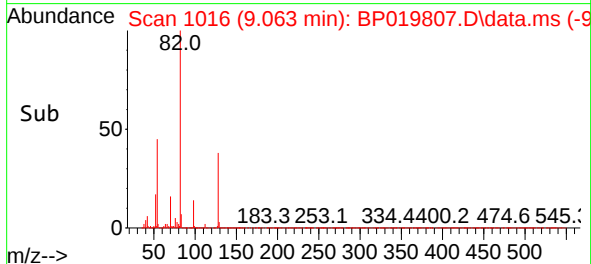
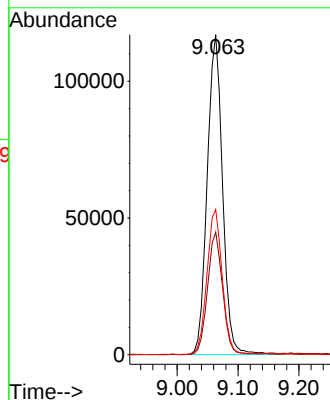
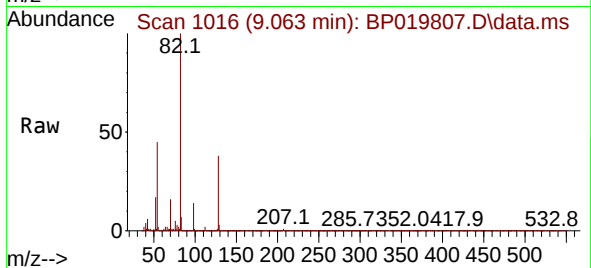




#23  
Nitrobenzene-d5  
Concen: 55.895 ng  
RT: 9.063 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

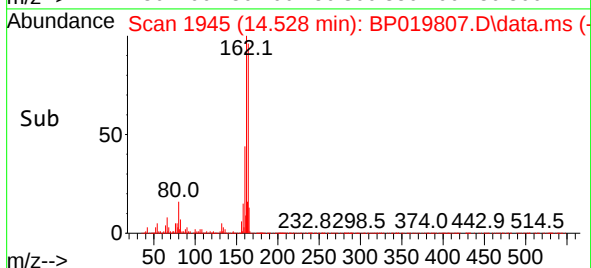
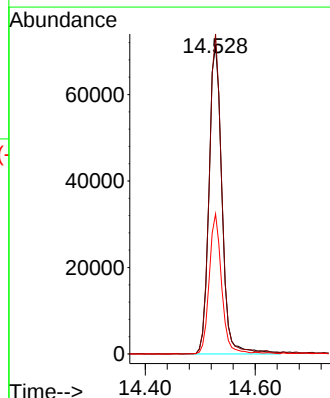
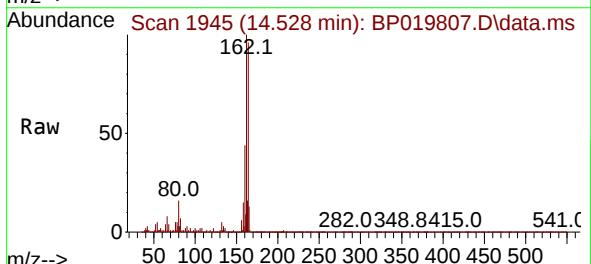
Instrument :  
BNA\_P  
ClientSampleId :  
20240764-COMPOSITE-39N-N-3-02

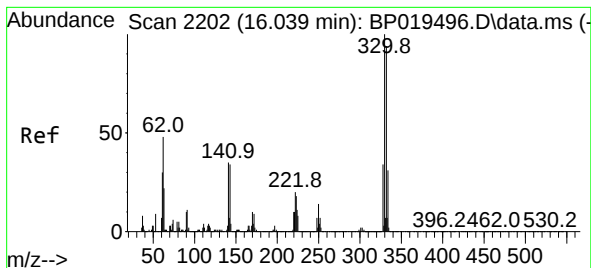
Tgt Ion: 82 Resp: 204744  
Ion Ratio Lower Upper  
82 100  
128 38.3 29.7 44.5  
54 45.4 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.528 min Scan# 1945  
Delta R.T. -0.012 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

Tgt Ion: 164 Resp: 117070  
Ion Ratio Lower Upper  
164 100  
162 103.8 81.2 121.8  
160 45.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 95.138 ng

RT: 16.022 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019807.D

Acq: 21 Feb 2024 14:39

Instrument :

BNA\_P

ClientSampleId :

20240764-COMPOSITE-39N-N-3-02

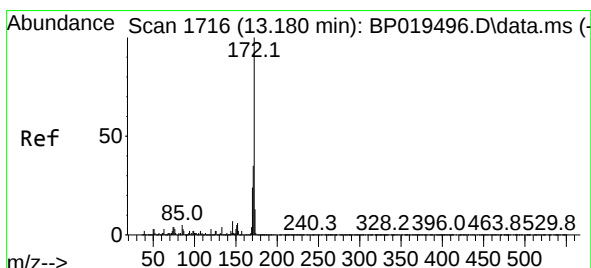
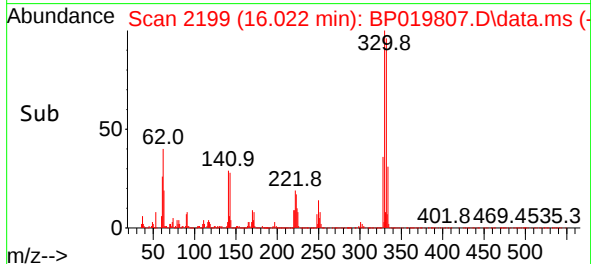
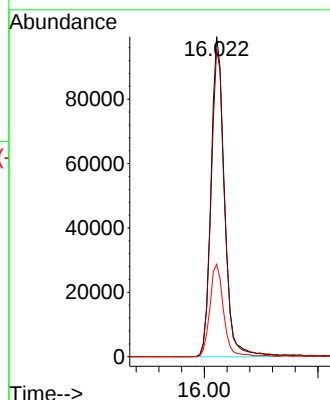
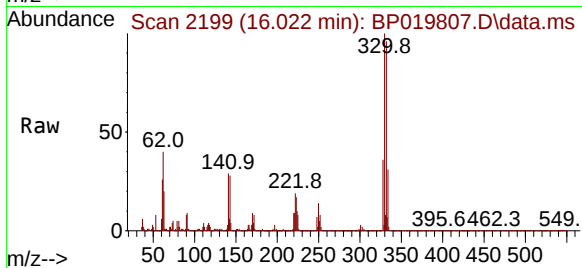
Tgt Ion:330 Resp: 162620

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 29.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 40.364 ng

RT: 13.151 min Scan# 1711

Delta R.T. -0.012 min

Lab File: BP019807.D

Acq: 21 Feb 2024 14:39

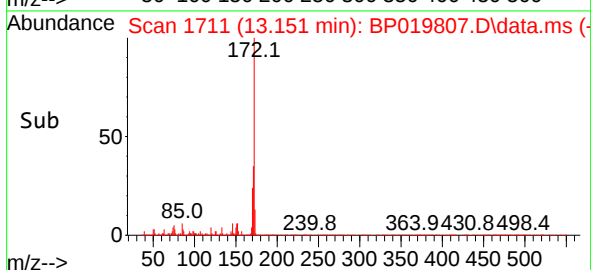
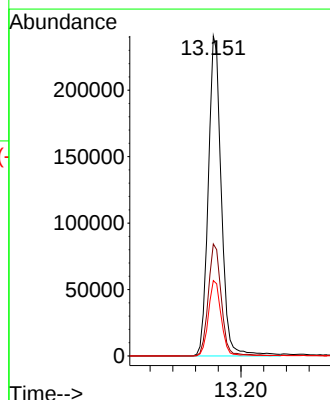
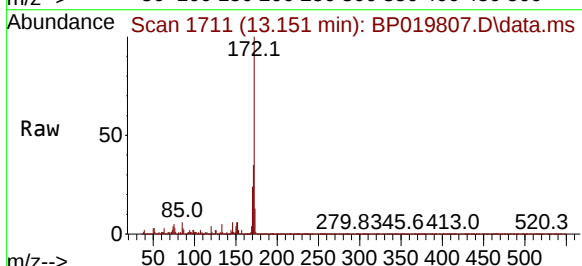
Tgt Ion:172 Resp: 382249

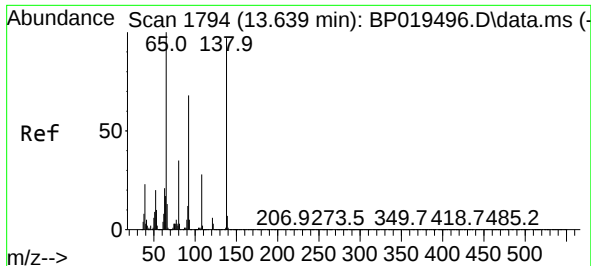
Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.5 18.9 28.3

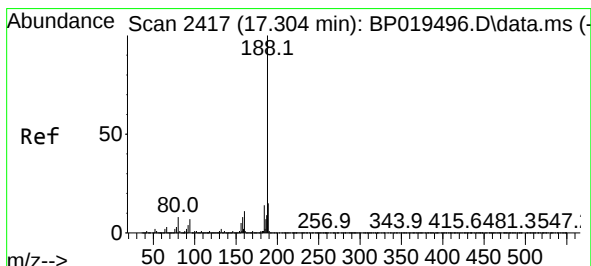
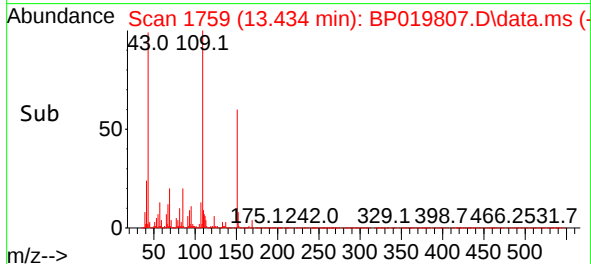
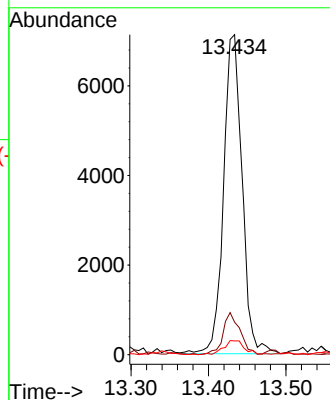
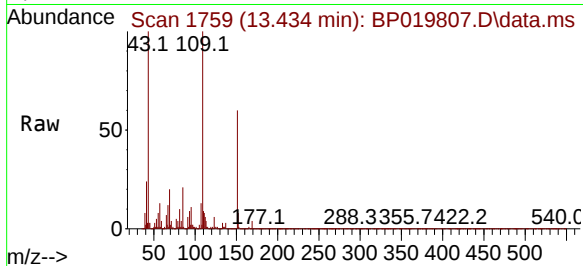




#48  
2-Nitroaniline  
Concen: 5.535 ng  
RT: 13.434 min Scan# 11  
Delta R.T. -0.194 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

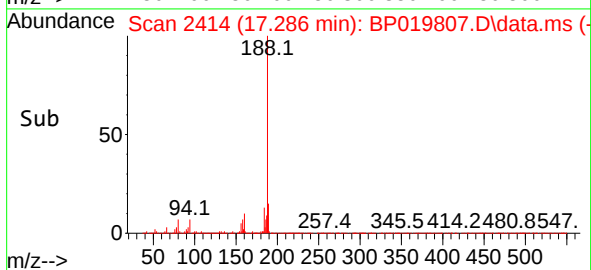
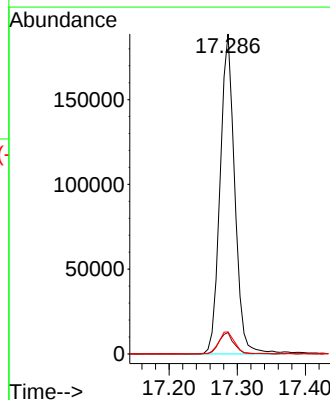
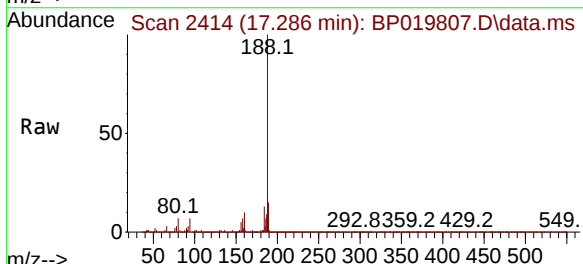
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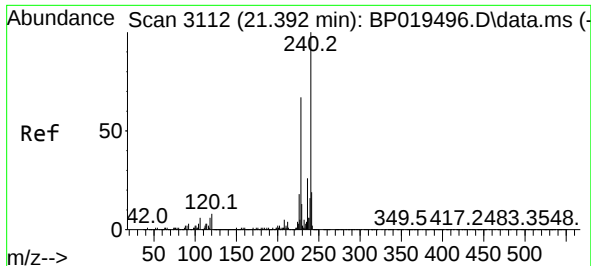
Tgt Ion: 65 Resp: 11870  
Ion Ratio Lower Upper  
65 100  
92 10.2 54.7 82.1#  
138 4.3 77.8 116.6#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.286 min Scan# 2414  
Delta R.T. -0.006 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

Tgt Ion: 188 Resp: 282182  
Ion Ratio Lower Upper  
188 100  
94 6.7 5.4 8.2  
80 6.9 6.3 9.5

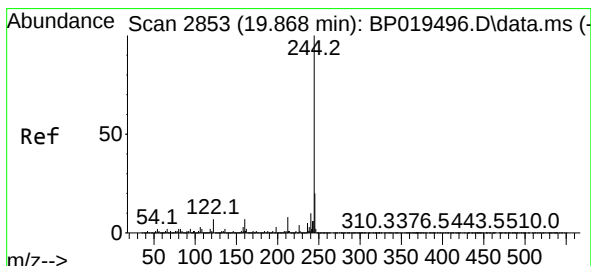
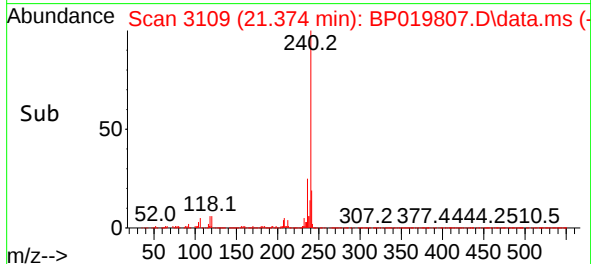
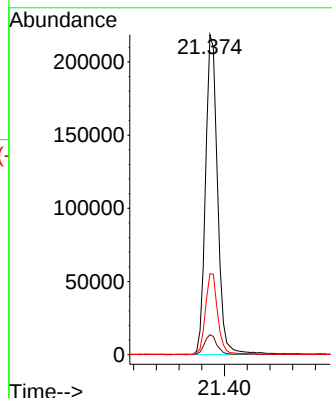
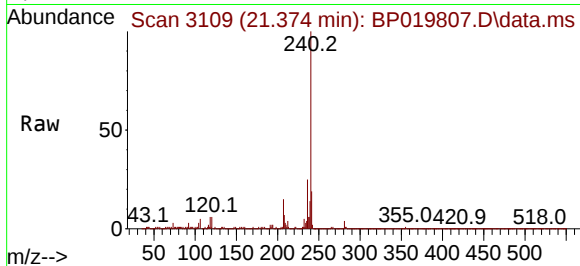




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.374 min Scan# 3112  
Delta R.T. -0.018 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

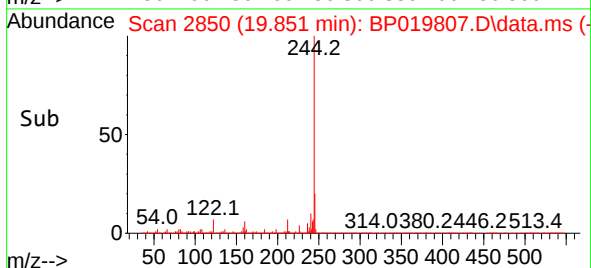
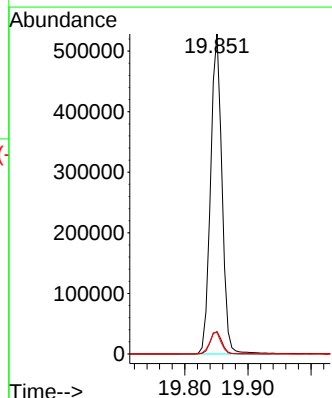
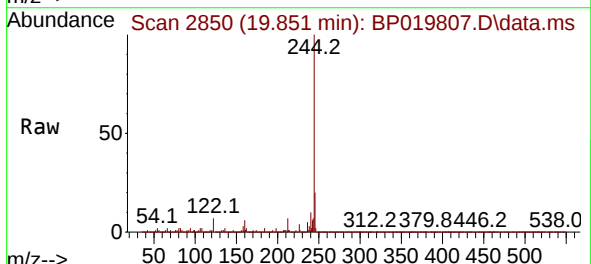
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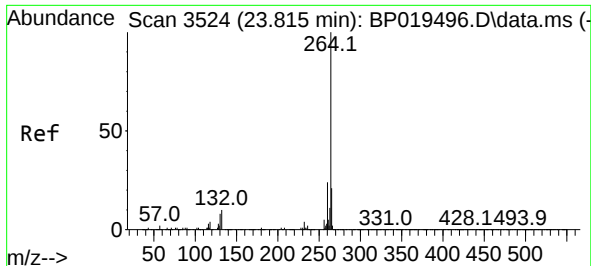
Tgt Ion:240 Resp: 320871  
Ion Ratio Lower Upper  
240 100  
120 6.3 6.1 9.1  
236 25.3 20.7 31.1



#79  
Terphenyl-d14  
Concen: 33.950 ng  
RT: 19.851 min Scan# 2850  
Delta R.T. -0.012 min  
Lab File: BP019807.D  
Acq: 21 Feb 2024 14:39

Tgt Ion:244 Resp: 662411  
Ion Ratio Lower Upper  
244 100  
212 7.0 6.1 9.1  
122 6.8 5.9 8.9





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.792 min Scan# 31  
 Delta R.T. -0.018 min  
 Lab File: BP019807.D  
 Acq: 21 Feb 2024 14:39

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20240764-COMPOSITE-39N-N-3-02

Tgt Ion:264 Resp: 340783  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.2 28.8  
 265 22.5 17.0 25.4

