

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020724\  
 Data File : BP019597.D  
 Acq On : 07 Feb 2024 16:59  
 Operator : MA/JU  
 Sample : P1364-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 COMP-2

Quant Time: Feb 07 17:32:34 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

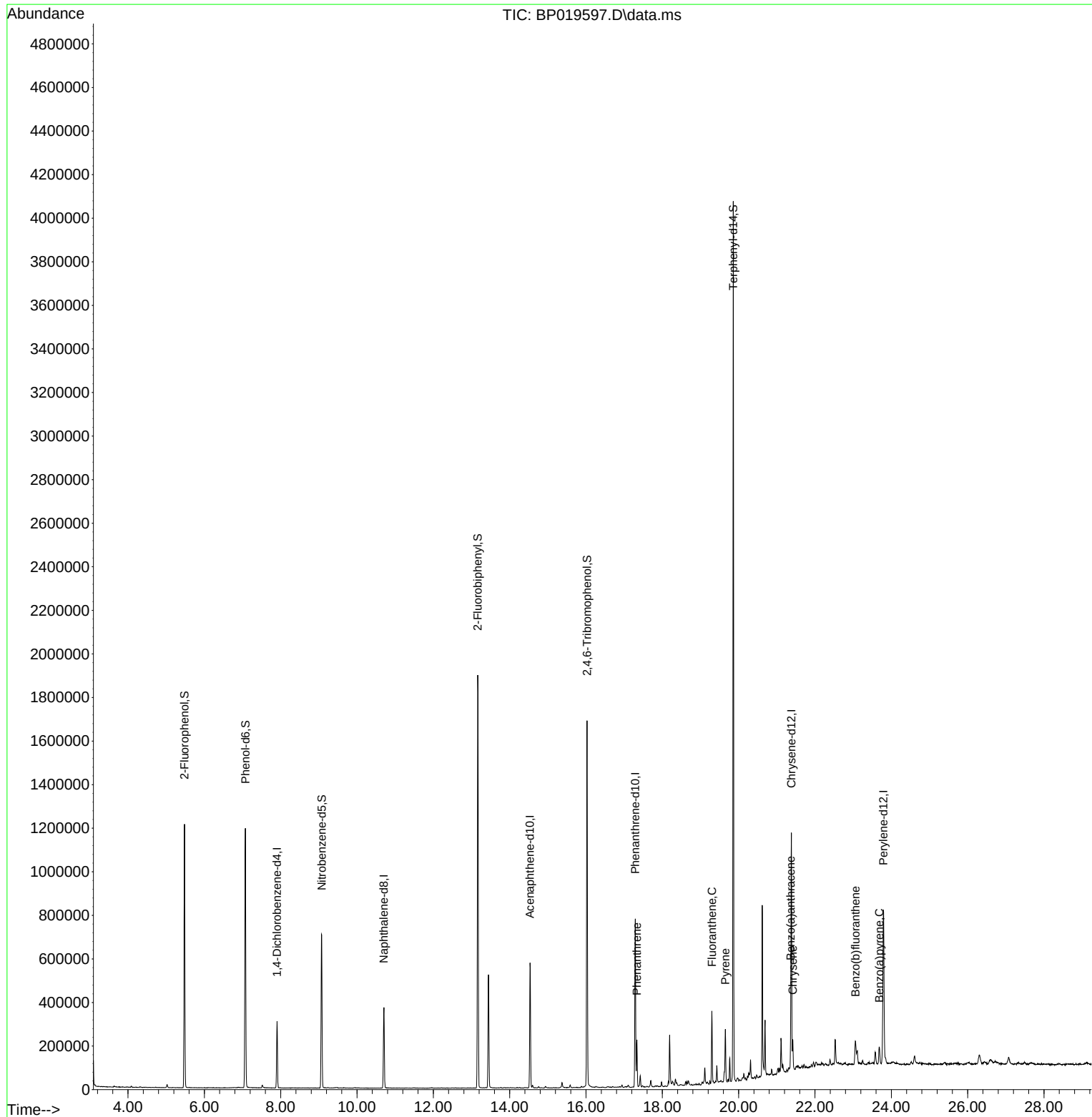
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.905  | 152  | 80166    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.705 | 136  | 297918   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.534 | 164  | 199801   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.292 | 188  | 482367   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.380 | 240  | 508270   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.792 | 264  | 602403   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 490784   | 98.683  | ng    | 0.00     |
| 7) Phenol-d6                | 7.075  | 99   | 639150   | 95.312  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.075  | 82   | 430402   | 62.601  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.028 | 330  | 330596   | 113.325 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 991151   | 61.325  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.857 | 244  | 1943832  | 62.894  | ng    | -0.01    |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 17.334 | 178  | 128841   | 5.075   | ng    | 98       |
| 75) Fluoranthene            | 19.298 | 202  | 192170   | 6.197   | ng    | 99       |
| 78) Pyrene                  | 19.651 | 202  | 150121   | 4.185   | ng    | 97       |
| 81) Benzo(a)anthracene      | 21.363 | 228  | 94086    | 2.630   | ng    | 97       |
| 83) Chrysene                | 21.416 | 228  | 81928    | 2.412   | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 23.063 | 252  | 101900   | 2.684   | ng    | 99       |
| 90) Benzo(a)pyrene          | 23.686 | 252  | 69691    | 2.063   | ng    | # 94     |
| -----                       |        |      |          |         |       |          |

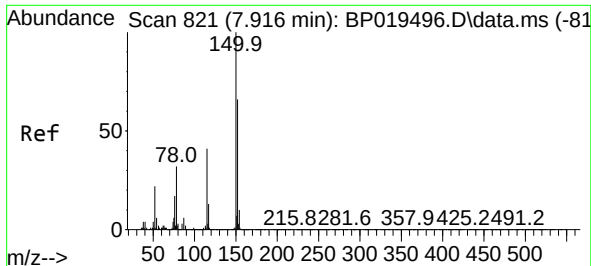
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020724\  
Data File : BP019597.D  
Acq On : 07 Feb 2024 16:59  
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Sample : P1364-02  
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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Feb 07 17:32:34 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

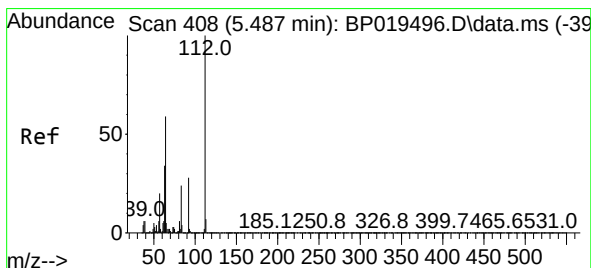
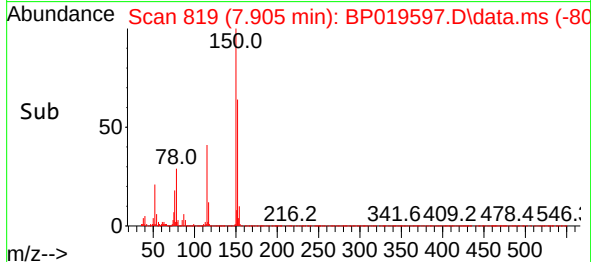
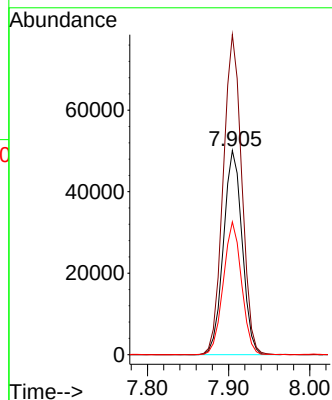
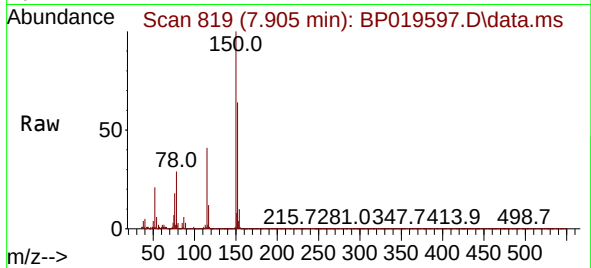




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP019597.D  
Acq: 07 Feb 2024 16:59

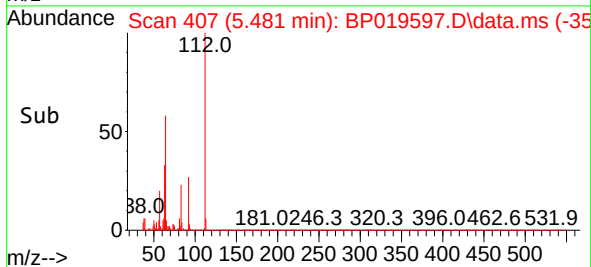
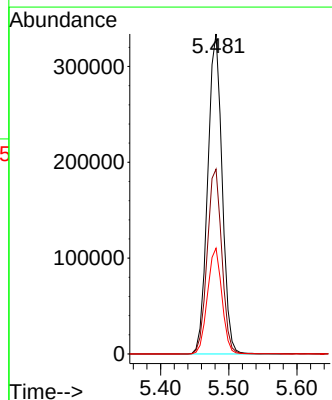
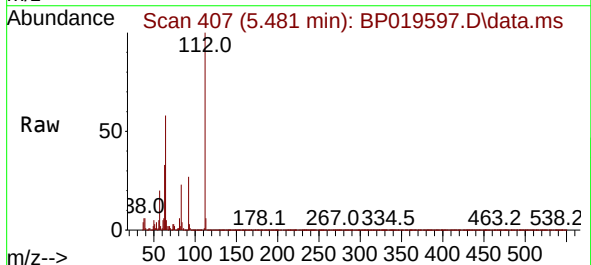
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BNA\_P  
ClientSampleId :  
COMP-2

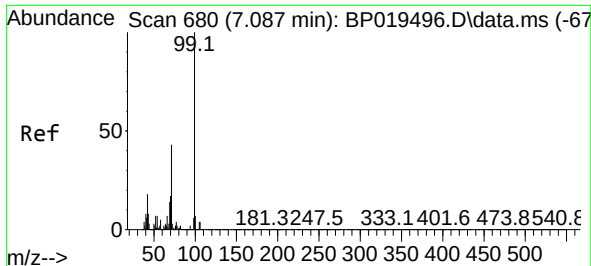
Tgt Ion:152 Resp: 80166  
Ion Ratio Lower Upper  
152 100  
150 156.7 121.8 182.8  
115 65.0 49.9 74.9



#5  
2-Fluorophenol  
Concen: 98.683 ng  
RT: 5.481 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: BP019597.D  
Acq: 07 Feb 2024 16:59

Tgt Ion:112 Resp: 490784  
Ion Ratio Lower Upper  
112 100  
64 57.8 47.4 71.0  
63 33.0 27.0 40.6

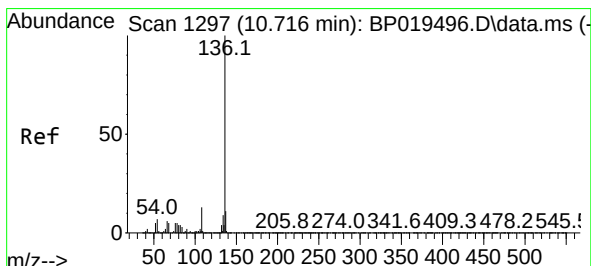
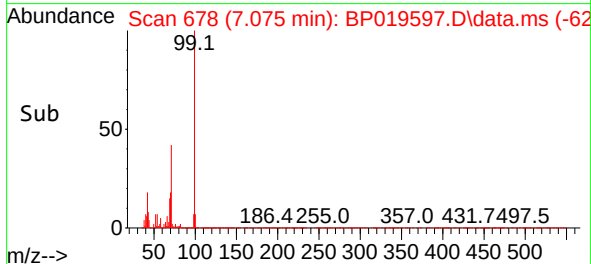
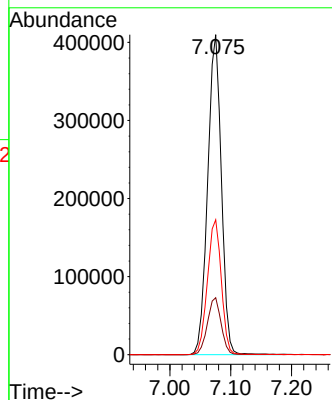
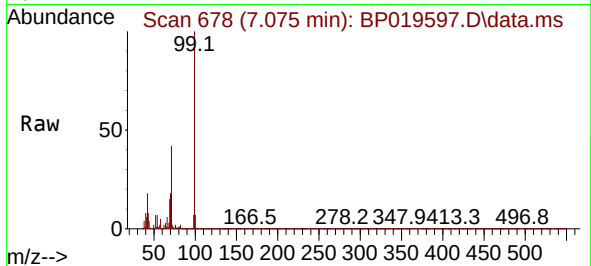




#7  
Phenol-d6  
Concen: 95.312 ng  
RT: 7.075 min Scan# 61  
Delta R.T. -0.011 min  
Lab File: BP019597.D  
Acq: 07 Feb 2024 16:59

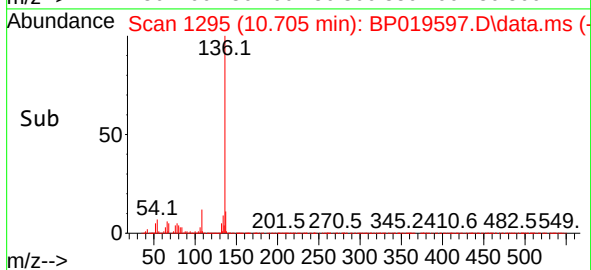
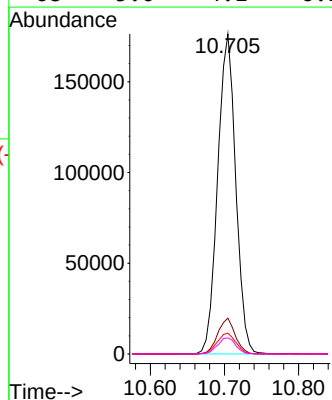
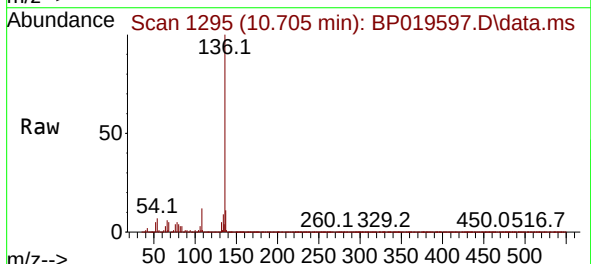
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

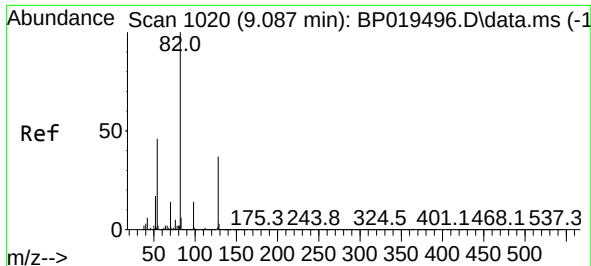
Tgt Ion: 99 Resp: 639150  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.7 22.1  
71 42.2 34.8 52.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.705 min Scan# 1295  
Delta R.T. -0.011 min  
Lab File: BP019597.D  
Acq: 07 Feb 2024 16:59

Tgt Ion: 136 Resp: 297918  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 6.5 5.3 7.9  
68 5.0 4.1 6.1

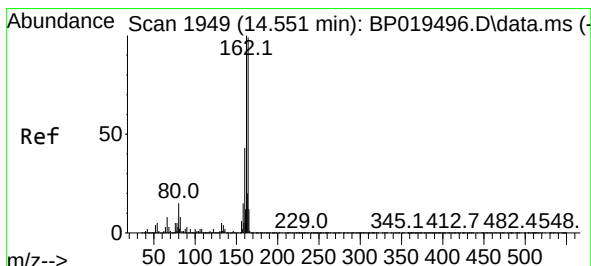
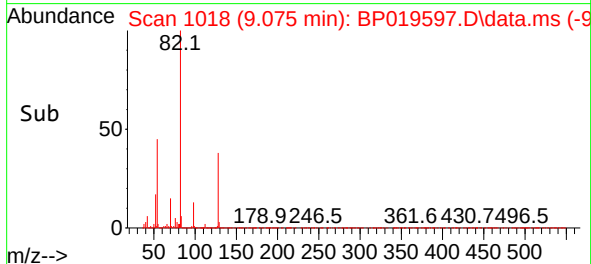
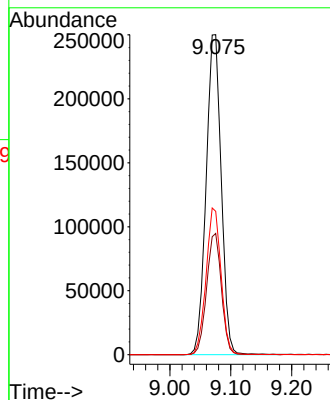
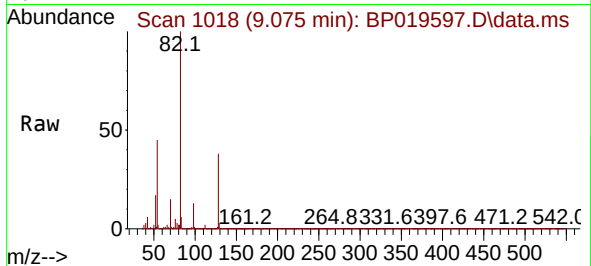




#23  
Nitrobenzene-d5  
Concen: 62.601 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.011 min  
Lab File: BP019597.D  
Acq: 07 Feb 2024 16:59

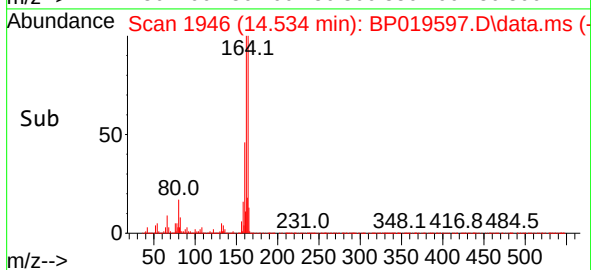
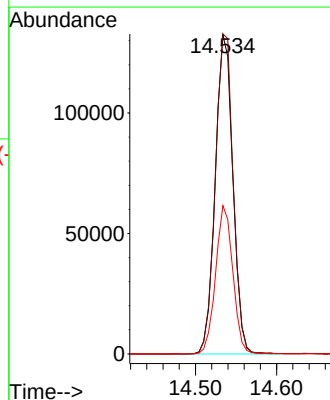
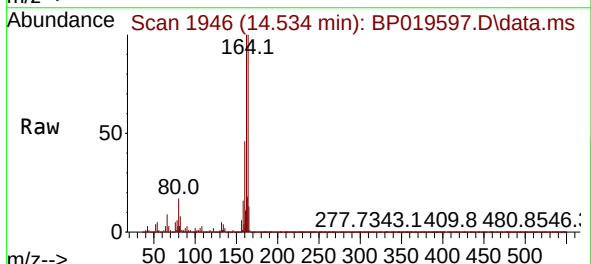
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

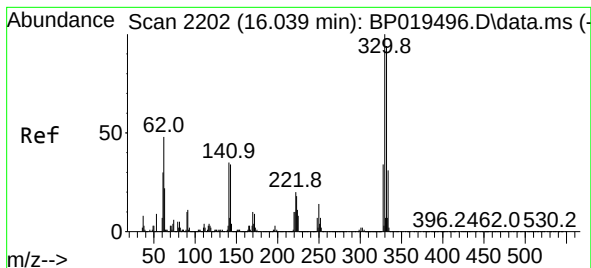
Tgt Ion: 82 Resp: 430402  
Ion Ratio Lower Upper  
82 100  
128 37.9 29.7 44.5  
54 44.8 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1946  
Delta R.T. -0.017 min  
Lab File: BP019597.D  
Acq: 07 Feb 2024 16:59

Tgt Ion:164 Resp: 199801  
Ion Ratio Lower Upper  
164 100  
162 100.3 81.2 121.8  
160 46.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 113.325 ng

RT: 16.028 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

Instrument :

BNA\_P

ClientSampleId :

COMP-2

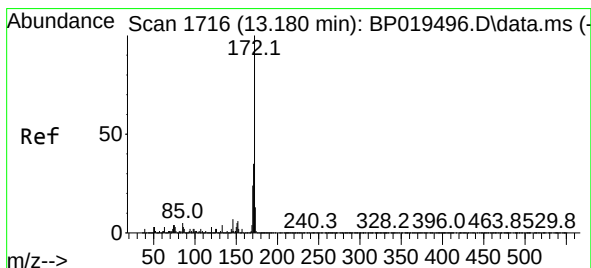
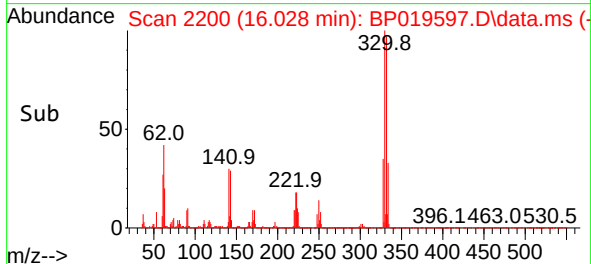
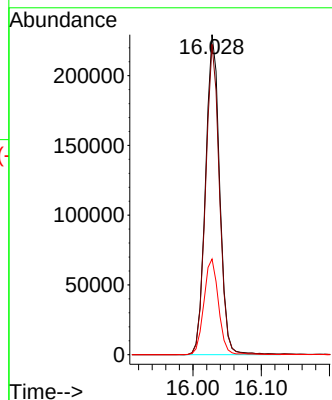
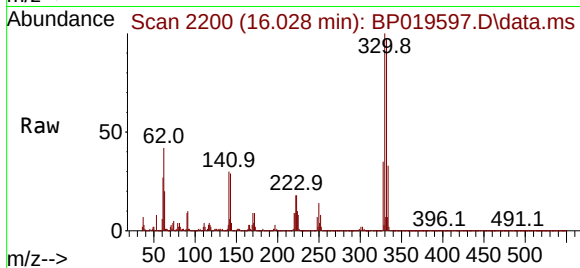
Tgt Ion:330 Resp: 330596

Ion Ratio Lower Upper

330 100

332 95.3 77.2 115.8

141 30.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 61.325 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

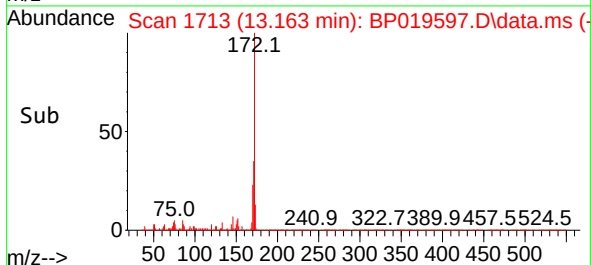
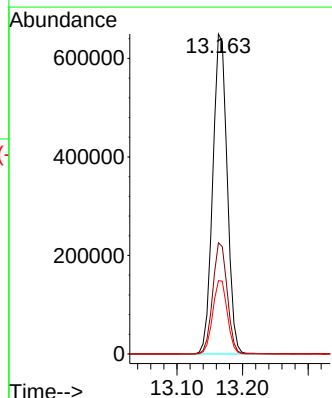
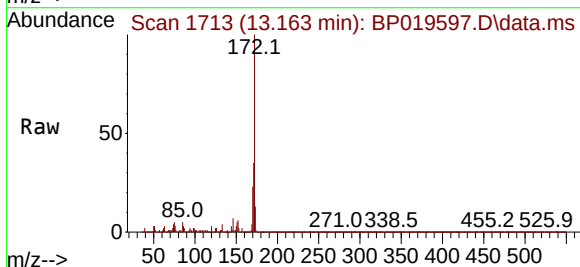
Tgt Ion:172 Resp: 991151

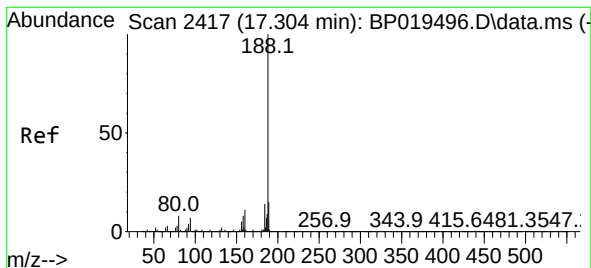
Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.9 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: BP019597.D

Acq: 07 Feb 2024 16:59

Instrument :

BNA\_P

ClientSampleId :

COMP-2

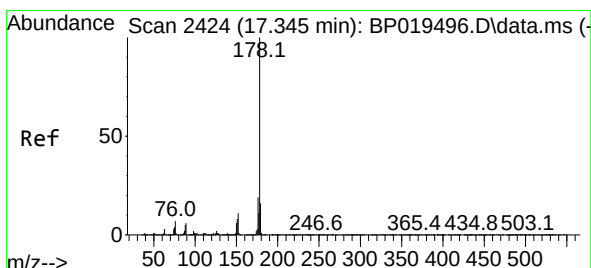
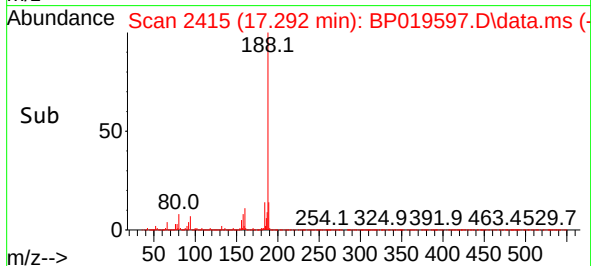
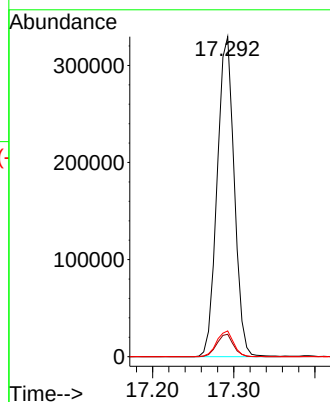
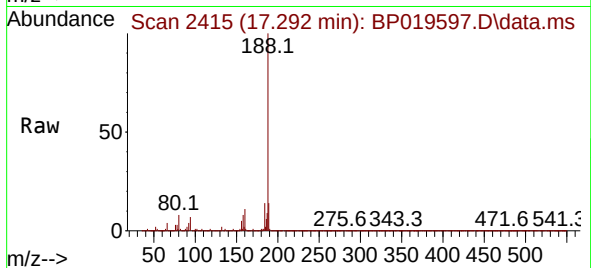
Tgt Ion:188 Resp: 482367

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.0 6.3 9.5



#71

Phenanthrene

Concen: 5.075 ng

RT: 17.334 min Scan# 2422

Delta R.T. -0.011 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

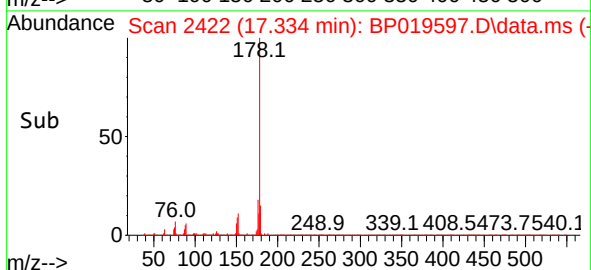
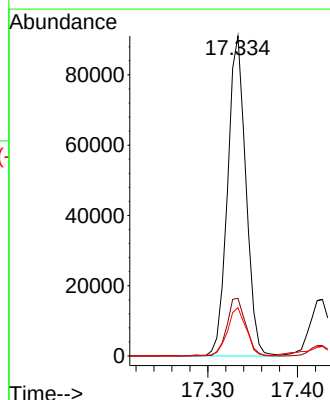
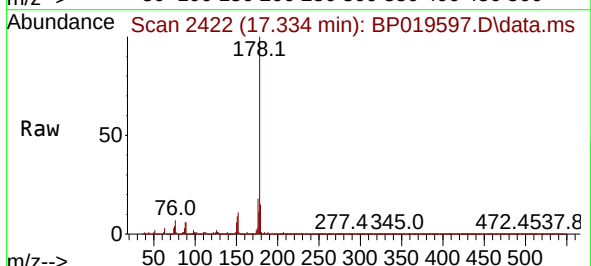
Tgt Ion:178 Resp: 128841

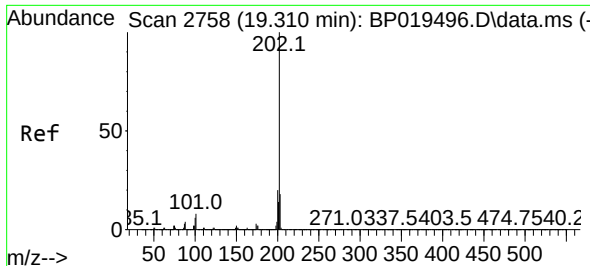
Ion Ratio Lower Upper

178 100

176 18.0 15.5 23.3

179 15.1 12.6 19.0

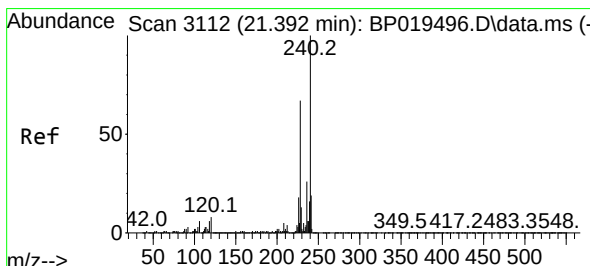
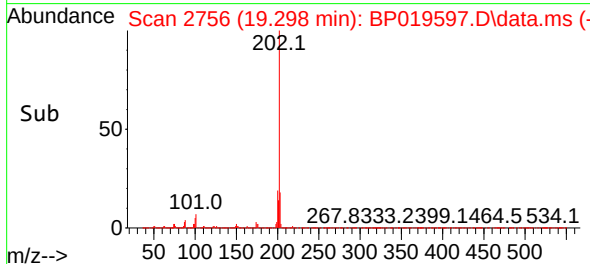
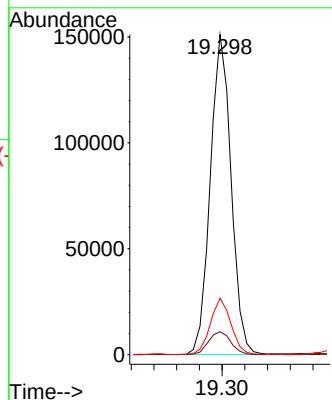
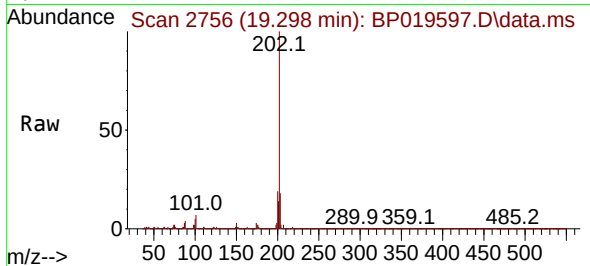




#75  
Fluoranthene  
Concen: 6.197 ng  
RT: 19.298 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BP019597.D  
Acq: 07 Feb 2024 16:59

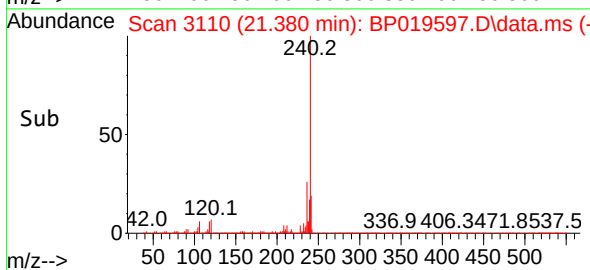
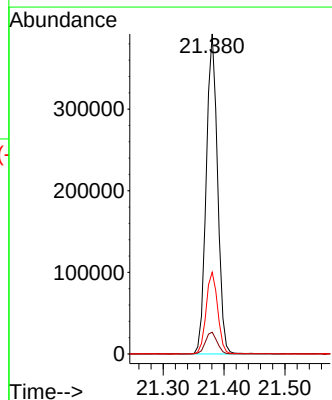
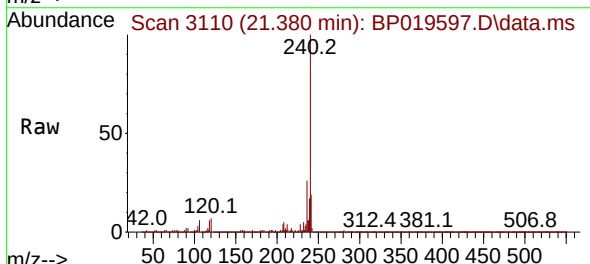
Instrument :  
BNA\_P  
ClientSampleId :  
COMP-2

Tgt Ion:202 Resp: 192170  
Ion Ratio Lower Upper  
202 100  
101 7.2 0.0 27.7  
203 17.6 0.0 37.5

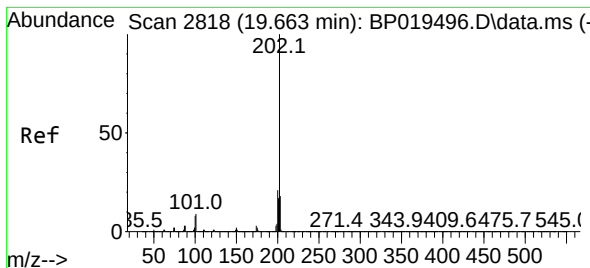


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.380 min Scan# 3110  
Delta R.T. -0.011 min  
Lab File: BP019597.D  
Acq: 07 Feb 2024 16:59

Tgt Ion:240 Resp: 508270  
Ion Ratio Lower Upper  
240 100  
120 6.8 6.1 9.1  
236 25.6 20.7 31.1







#78

Pyrene

Concen: 4.185 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.011 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

Instrument :

BNA\_P

ClientSampleId :

COMP-2

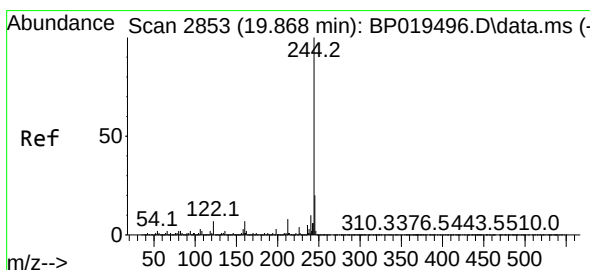
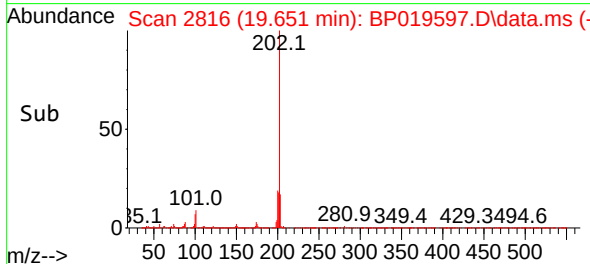
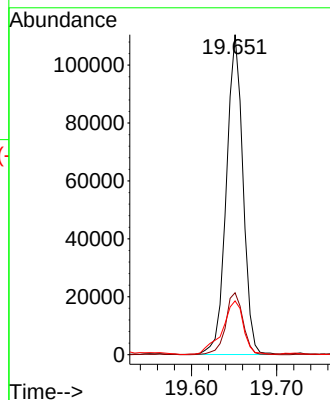
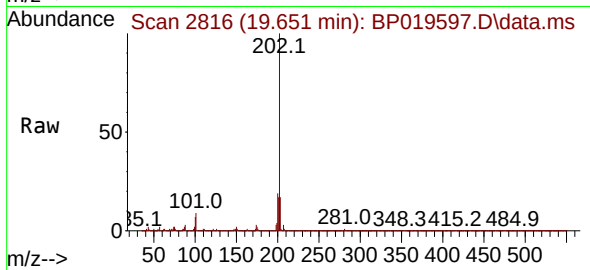
Tgt Ion:202 Resp: 150121

Ion Ratio Lower Upper

202 100

200 19.3 16.9 25.3

203 16.8 14.2 21.2



#79

Terphenyl-d14

Concen: 62.894 ng

RT: 19.857 min Scan# 2851

Delta R.T. -0.011 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

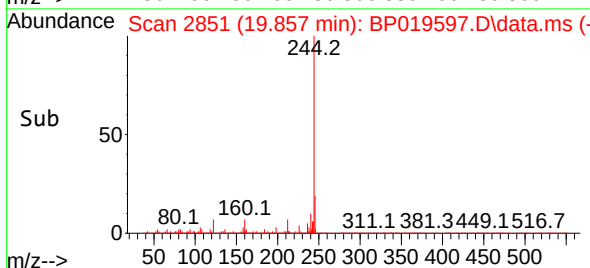
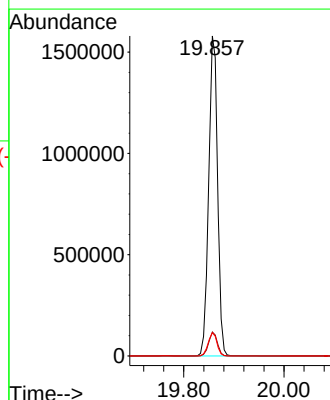
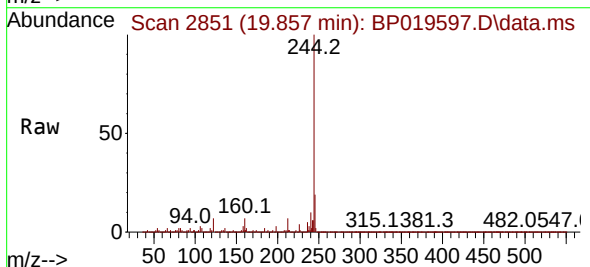
Tgt Ion:244 Resp: 1943832

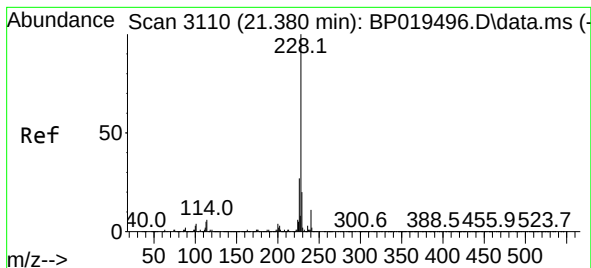
Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 7.3 5.9 8.9





#81

Benzo(a)anthracene

Concen: 2.630 ng

RT: 21.363 min Scan# 3110

Delta R.T. -0.017 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

Instrument :

BNA\_P

ClientSampleId :

COMP-2

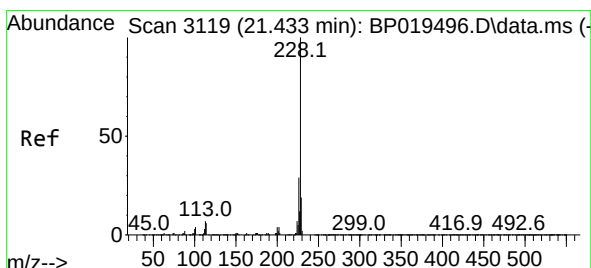
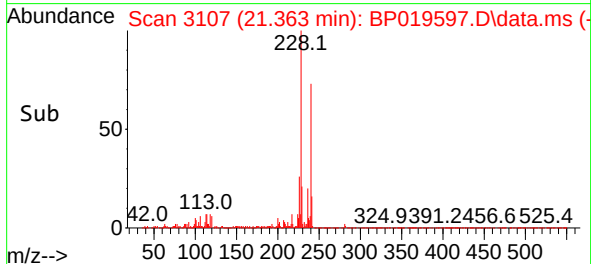
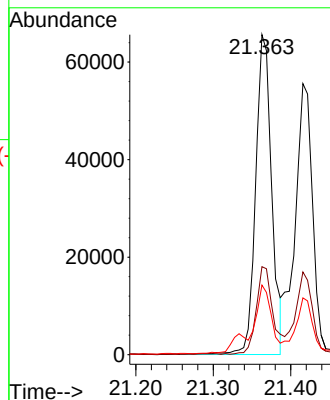
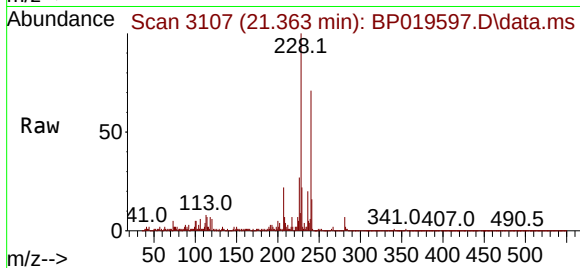
Tgt Ion:228 Resp: 94086

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

229 21.8 15.6 23.4



#83

Chrysene

Concen: 2.412 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.017 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

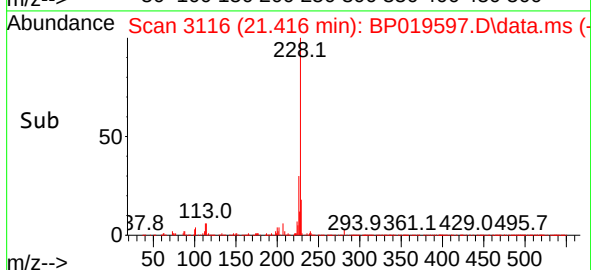
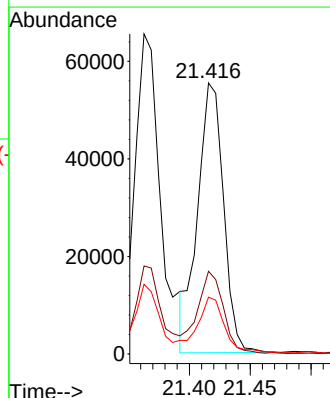
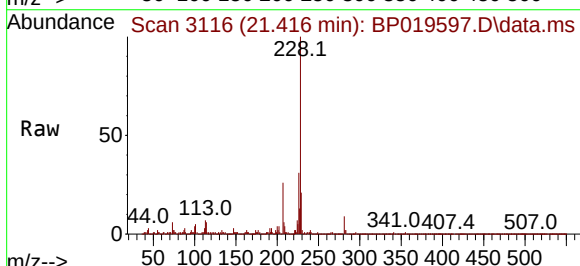
Tgt Ion:228 Resp: 81928

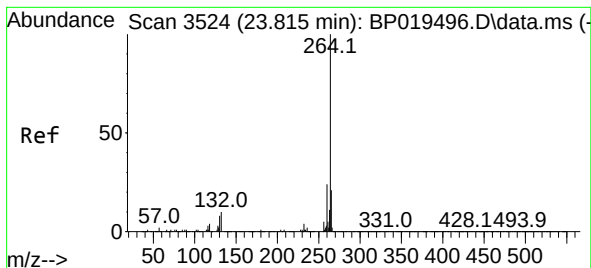
Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.2

229 21.0 15.6 23.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.792 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

Instrument :

BNA\_P

ClientSampleId :

COMP-2

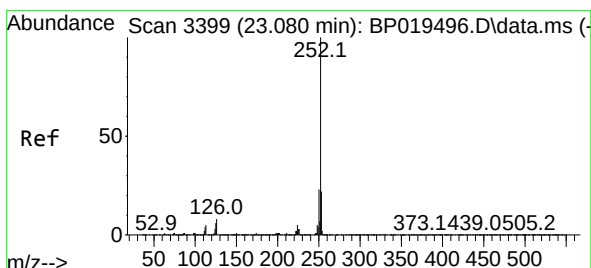
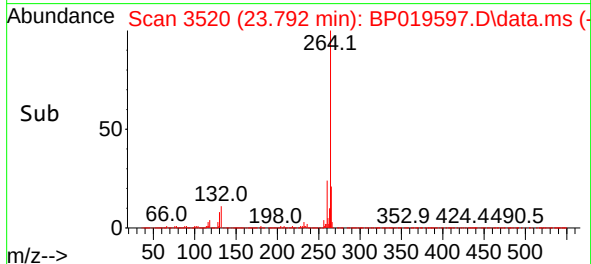
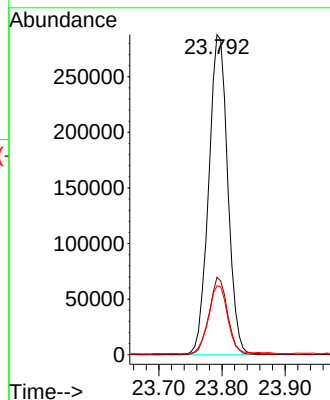
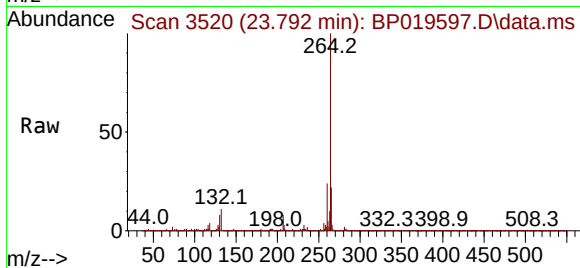
Tgt Ion:264 Resp: 602403

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.684 ng

RT: 23.063 min Scan# 3396

Delta R.T. -0.017 min

Lab File: BP019597.D

Acq: 07 Feb 2024 16:59

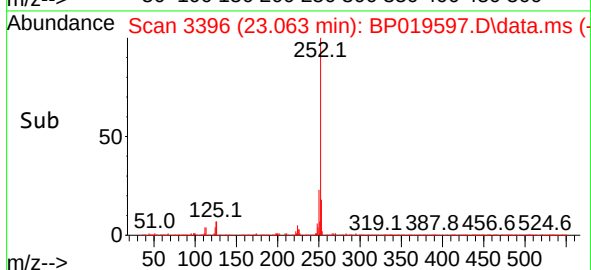
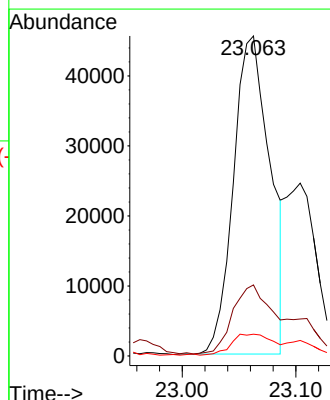
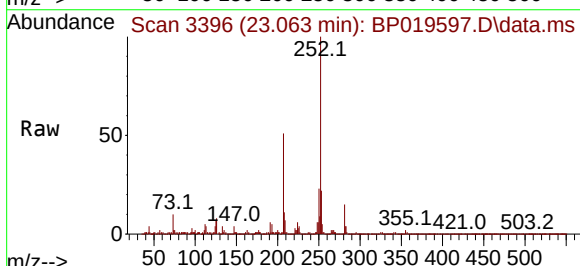
Tgt Ion:252 Resp: 101900

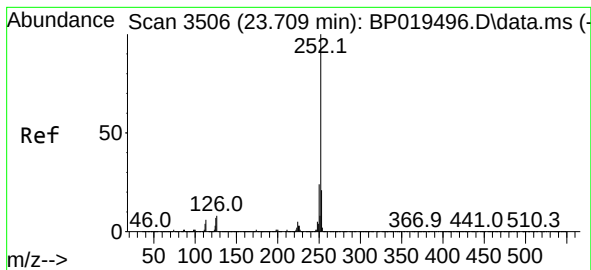
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 6.8 4.9 7.3





#90

Benzo(a)pyrene

Concen: 2.063 ng

RT: 23.686 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP019597.D

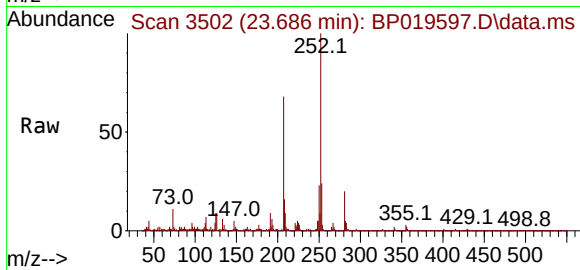
Acq: 07 Feb 2024 16:59

Instrument :

BNA\_P

ClientSampleId :

COMP-2



Tgt Ion:252 Resp: 69691

Ion Ratio Lower Upper

252 100

253 24.4 17.1 25.7

125 9.0 5.6 8.4#

