

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021924\  
 Data File : BP019767.D  
 Acq On : 19 Feb 2024 17:28  
 Operator : MA/JU  
 Sample : P1461-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1

Quant Time: Feb 19 17:53:44 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

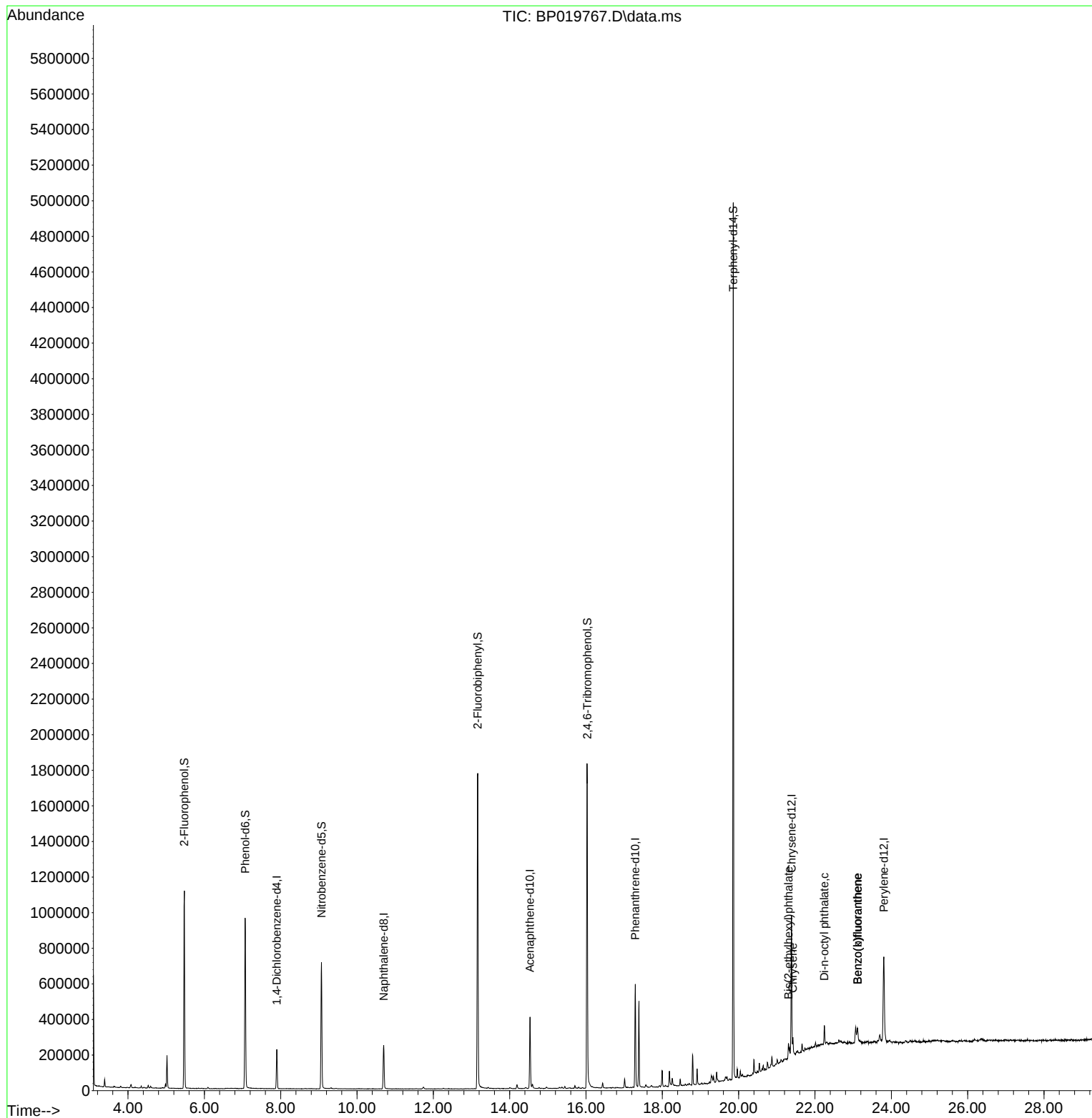
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|---------|-------|-----------|
| -----                         |        |      |          |         |       |           |
| Internal Standards            |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.899  | 152  | 58866    | 20.000  | ng    | -0.02     |
| 21) Naphthalene-d8            | 10.699 | 136  | 208653   | 20.000  | ng    | -0.02     |
| 39) Acenaphthene-d10          | 14.534 | 164  | 145032   | 20.000  | ng    | -0.02     |
| 64) Phenanthrene-d10          | 17.292 | 188  | 370279   | 20.000  | ng    | -0.01     |
| 76) Chrysene-d12              | 21.386 | 240  | 412121   | 20.000  | ng    | # 0.00    |
| 86) Perylene-d12              | 23.804 | 264  | 449954   | 20.000  | ng    | -0.01     |
| System Monitoring Compounds   |        |      |          |         |       |           |
| 5) 2-Fluorophenol             | 5.475  | 112  | 451941   | 123.755 | ng    | -0.01     |
| 7) Phenol-d6                  | 7.069  | 99   | 538785   | 109.418 | ng    | -0.02     |
| 23) Nitrobenzene-d5           | 9.069  | 82   | 433545   | 90.035  | ng    | -0.02     |
| 42) 2,4,6-Tribromophenol      | 16.034 | 330  | 413963   | 195.490 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 13.163 | 172  | 1020657  | 86.999  | ng    | -0.02     |
| 79) Terphenyl-d14             | 19.857 | 244  | 2408032  | 96.091  | ng    | -0.01     |
| Target Compounds              |        |      |          |         |       |           |
| 83) Chrysene                  | 21.422 | 228  | 65974    | 2.395   | ng    | Qvalue 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.304 | 149  | 35532    | 2.148   | ng    | 98        |
| 85) Di-n-octyl phthalate      | 22.245 | 149  | 60122    | 2.066   | ng    | # 84      |
| 88) Benzo(b)fluoranthene      | 23.116 | 252  | 74218    | 2.617   | ng    | 97        |
| 89) Benzo(k)fluoranthene      | 23.116 | 252  | 74218    | 2.740   | ng    | 97        |
| -----                         |        |      |          |         |       |           |

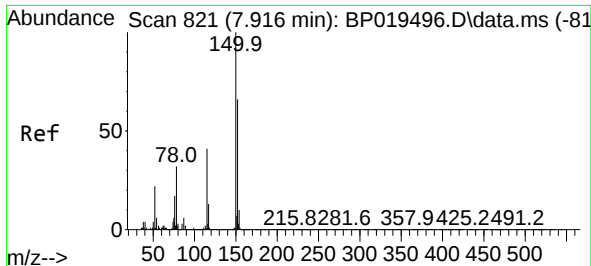
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

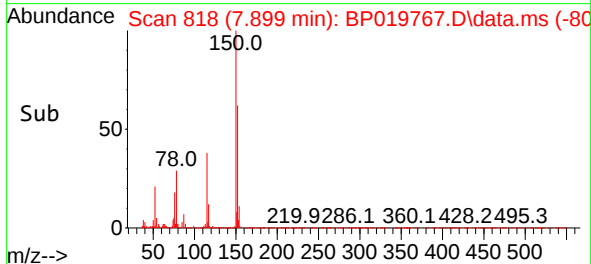
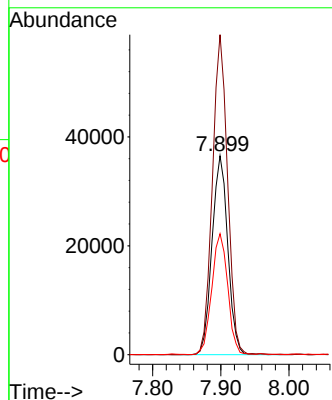
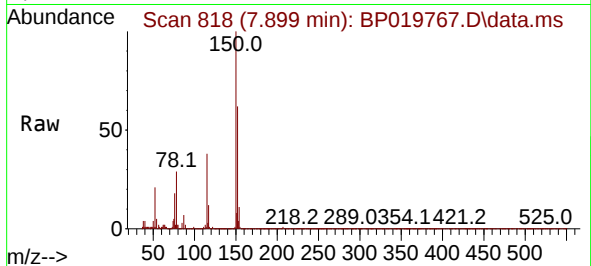




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.899 min Scan# 81  
Delta R.T. -0.017 min  
Lab File: BP019767.D  
Acq: 19 Feb 2024 17:28

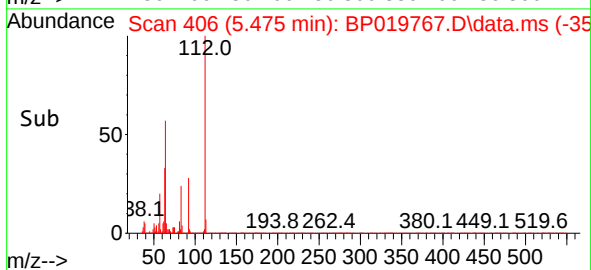
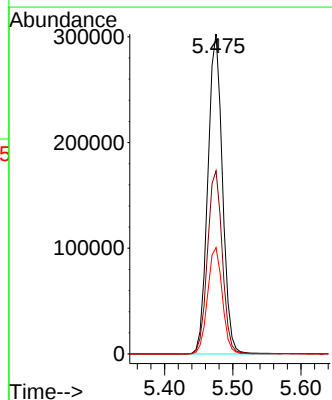
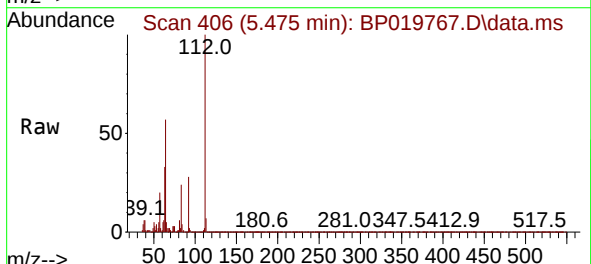
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1

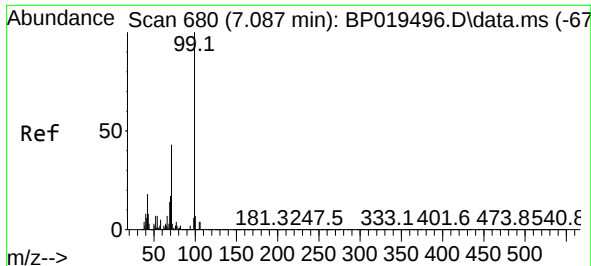
Tgt Ion:152 Resp: 58866  
Ion Ratio Lower Upper  
152 100  
150 160.9 121.8 182.8  
115 60.8 49.9 74.9



#5  
2-Fluorophenol  
Concen: 123.755 ng  
RT: 5.475 min Scan# 406  
Delta R.T. -0.011 min  
Lab File: BP019767.D  
Acq: 19 Feb 2024 17:28

Tgt Ion:112 Resp: 451941  
Ion Ratio Lower Upper  
112 100  
64 57.3 47.4 71.0  
63 33.3 27.0 40.6

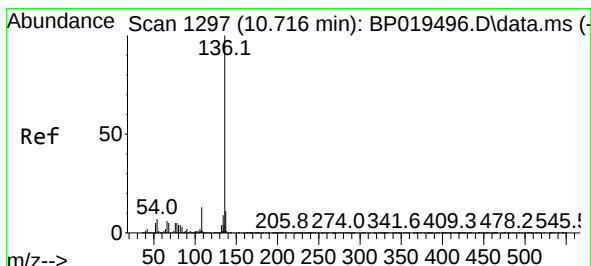
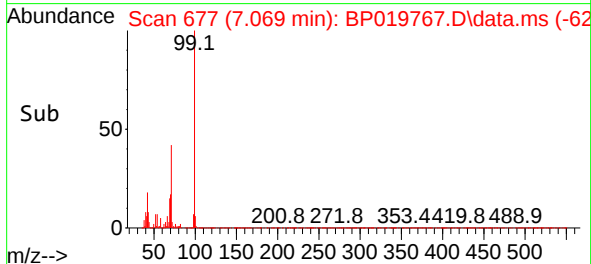
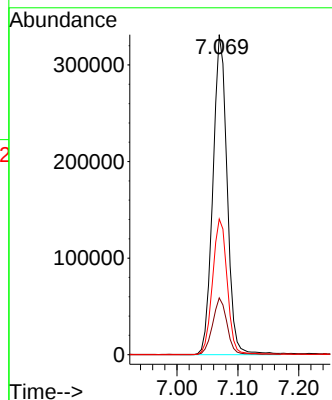
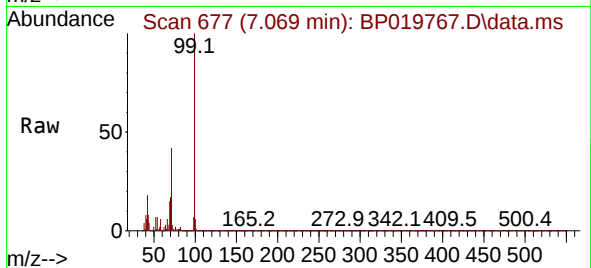




#7  
Phenol-d6  
Concen: 109.418 ng  
RT: 7.069 min Scan# 61  
Delta R.T. -0.017 min  
Lab File: BP019767.D  
Acq: 19 Feb 2024 17:28

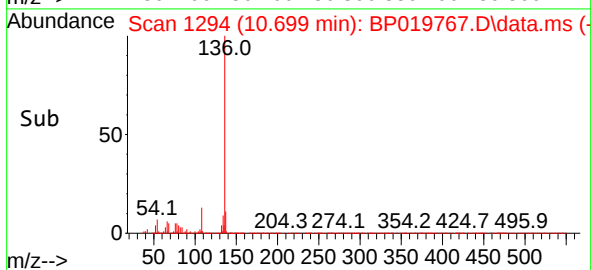
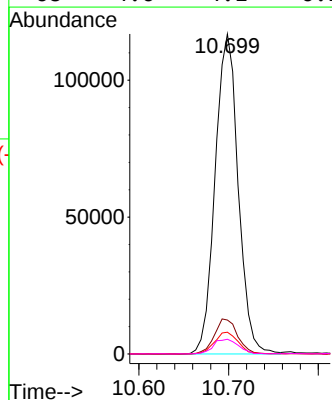
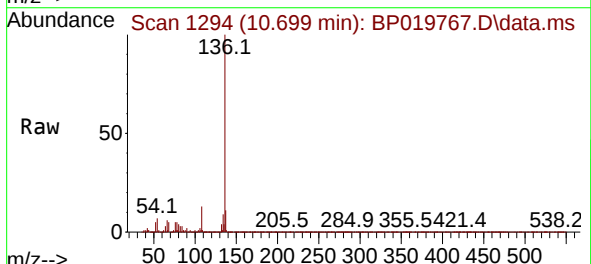
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1

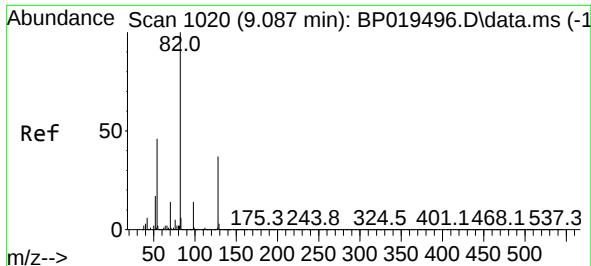
Tgt Ion: 99 Resp: 538785  
Ion Ratio Lower Upper  
99 100  
42 17.8 14.7 22.1  
71 42.4 34.8 52.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.699 min Scan# 1294  
Delta R.T. -0.017 min  
Lab File: BP019767.D  
Acq: 19 Feb 2024 17:28

Tgt Ion: 136 Resp: 208653  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.8 13.2  
54 6.8 5.3 7.9  
68 4.6 4.1 6.1

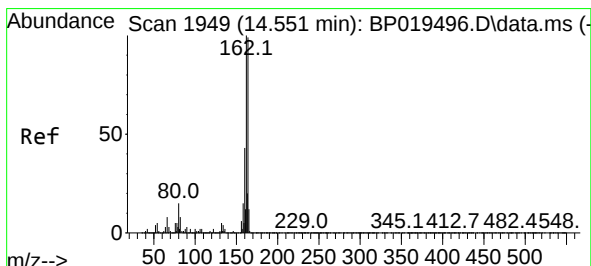
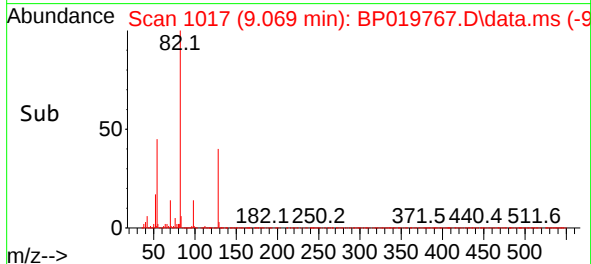
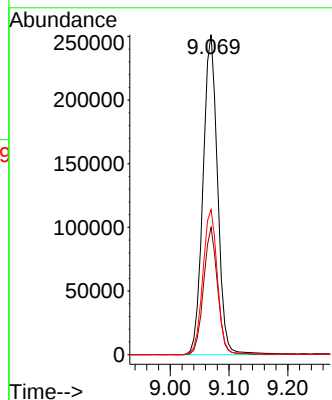
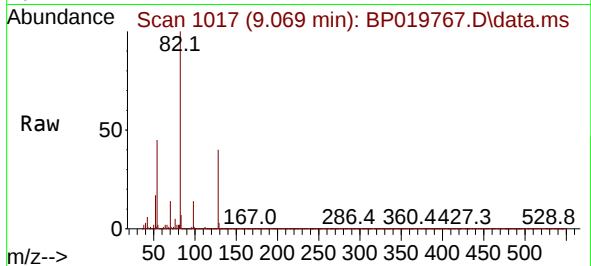




#23  
Nitrobenzene-d5  
Concen: 90.035 ng  
RT: 9.069 min Scan# 1020  
Delta R.T. -0.017 min  
Lab File: BP019767.D  
Acq: 19 Feb 2024 17:28

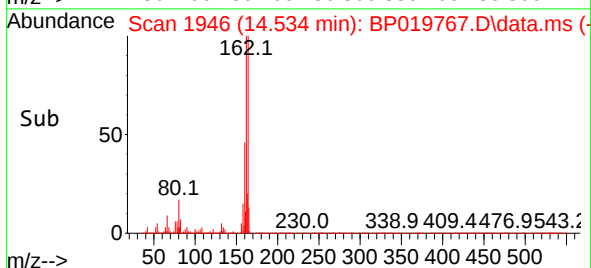
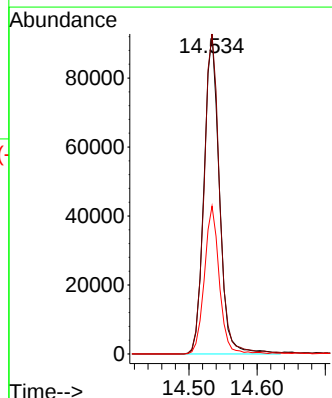
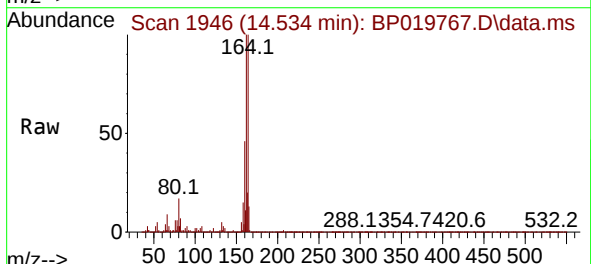
Instrument :  
BNA\_P  
ClientSampleId :  
TP-1

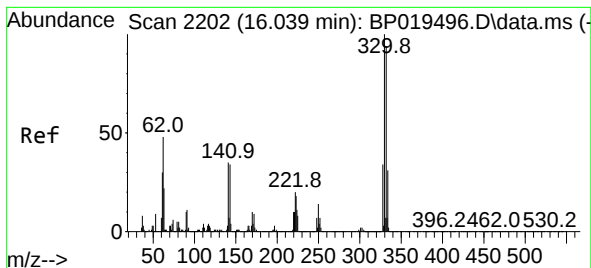
Tgt Ion: 82 Resp: 433545  
Ion Ratio Lower Upper  
82 100  
128 39.8 29.7 44.5  
54 45.4 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1946  
Delta R.T. -0.017 min  
Lab File: BP019767.D  
Acq: 19 Feb 2024 17:28

Tgt Ion: 164 Resp: 145032  
Ion Ratio Lower Upper  
164 100  
162 100.1 81.2 121.8  
160 46.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 195.490 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

Instrument :

BNA\_P

ClientSampleId :

TP-1

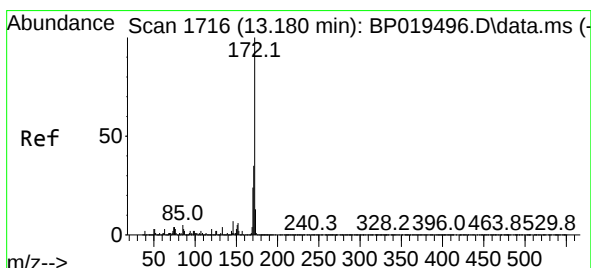
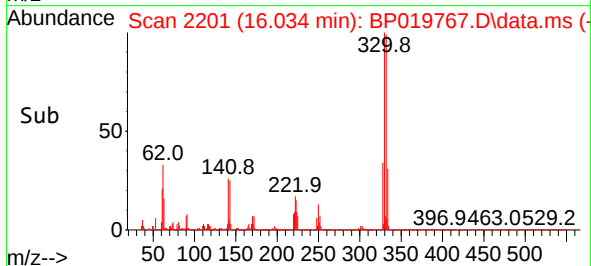
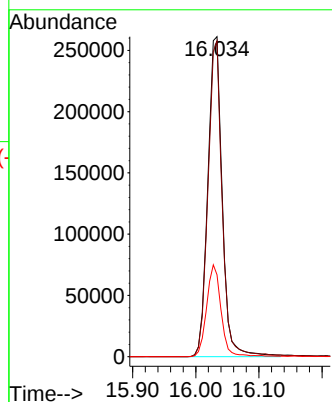
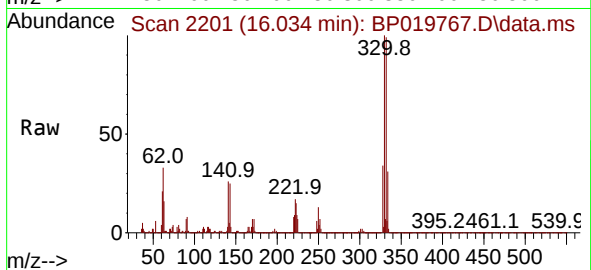
Tgt Ion:330 Resp: 413963

Ion Ratio Lower Upper

330 100

332 96.8 77.2 115.8

141 28.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 86.999 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

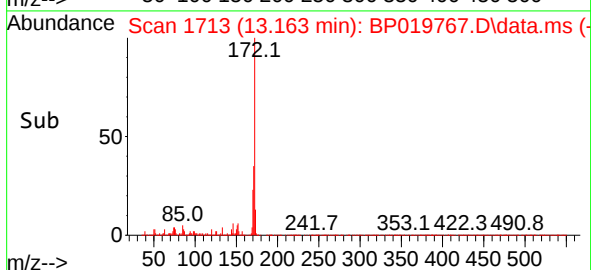
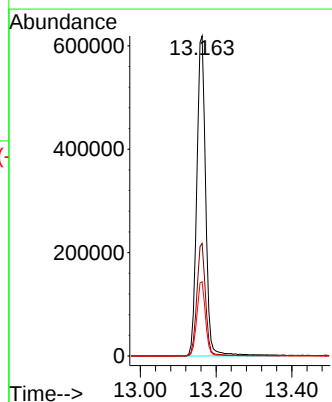
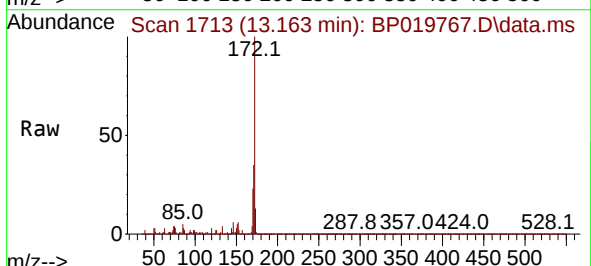
Tgt Ion:172 Resp: 1020657

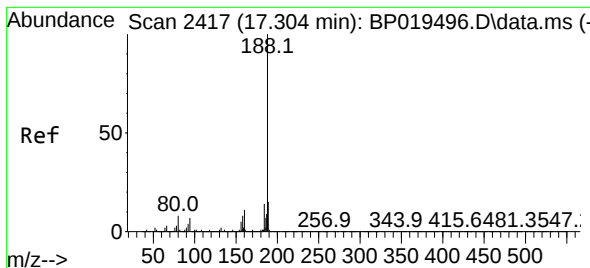
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.2 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: BP019767.D

Acq: 19 Feb 2024 17:28

Instrument :

BNA\_P

ClientSampleId :

TP-1

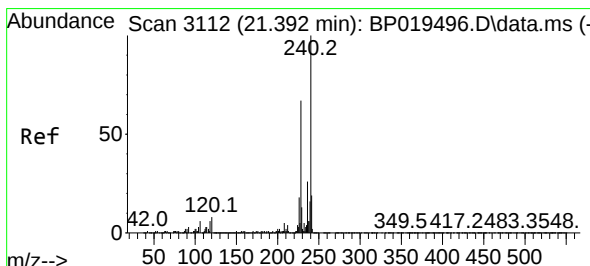
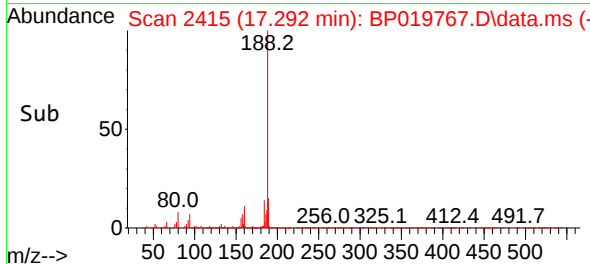
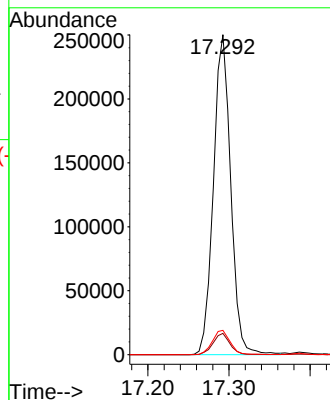
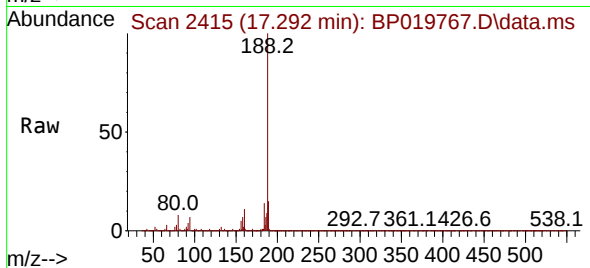
Tgt Ion:188 Resp: 370279

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.6 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: BP019767.D

Acq: 19 Feb 2024 17:28

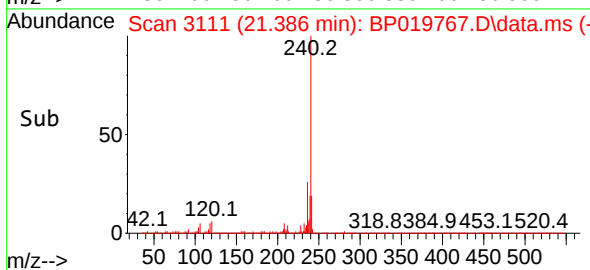
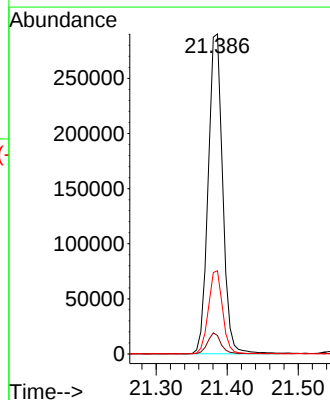
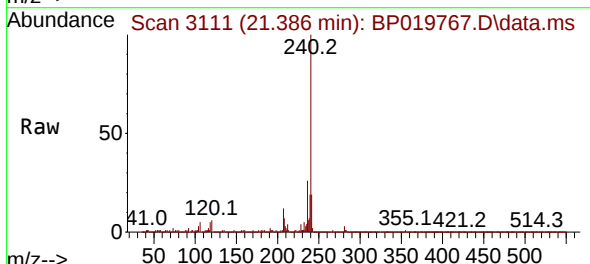
Tgt Ion:240 Resp: 412121

Ion Ratio Lower Upper

240 100

120 5.8 6.1 9.1#

236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 96.091 ng

RT: 19.857 min Scan# 21

Delta R.T. -0.011 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

Instrument :

BNA\_P

ClientSampleId :

TP-1

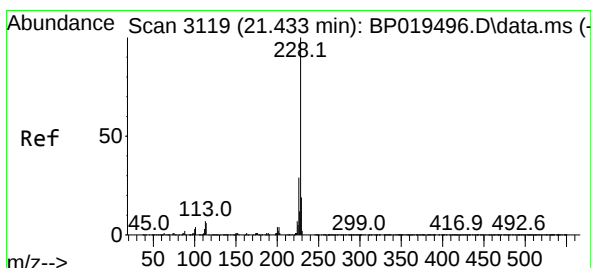
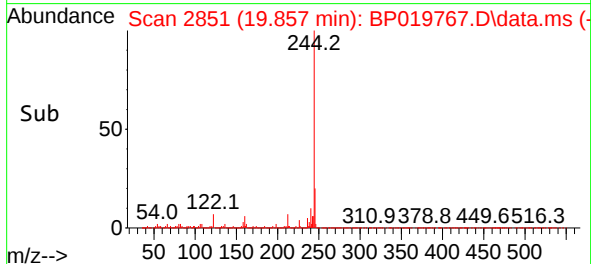
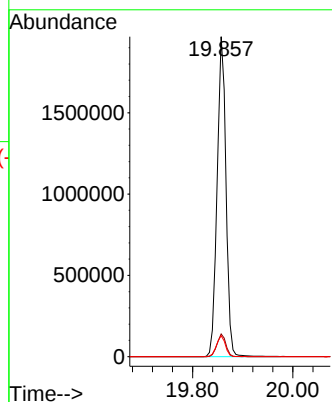
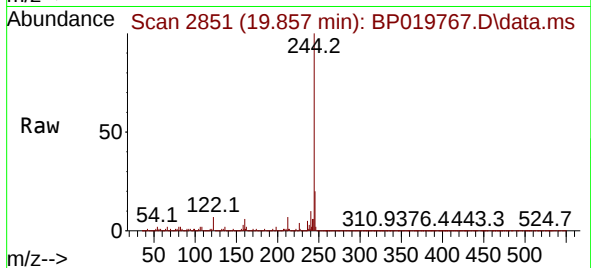
Tgt Ion:244 Resp: 2408032

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.6 5.9 8.9



#83

Chrysene

Concen: 2.395 ng

RT: 21.422 min Scan# 3117

Delta R.T. -0.011 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

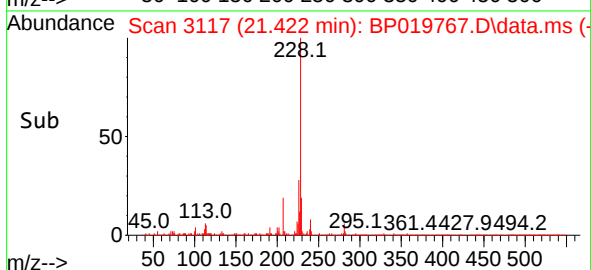
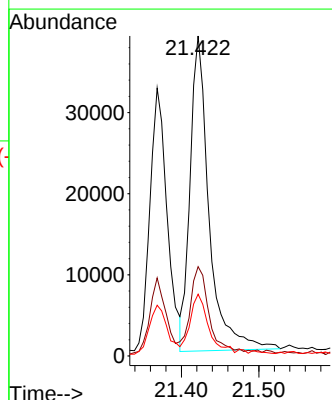
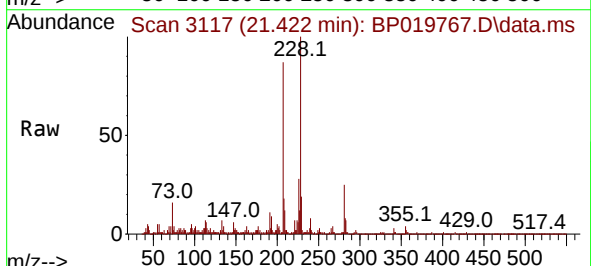
Tgt Ion:228 Resp: 65974

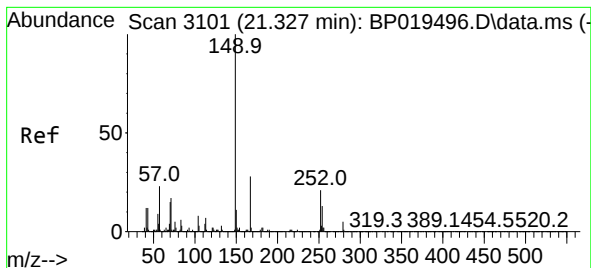
Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.2

229 19.3 15.6 23.4

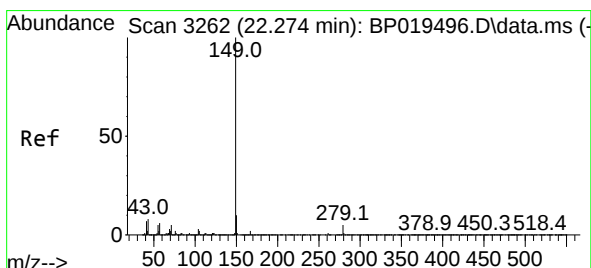
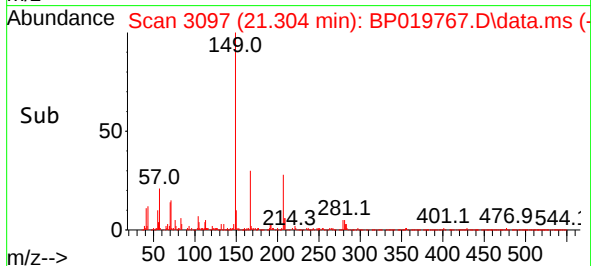
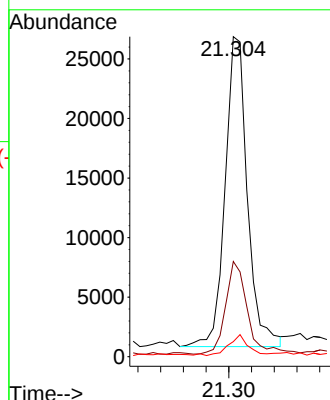
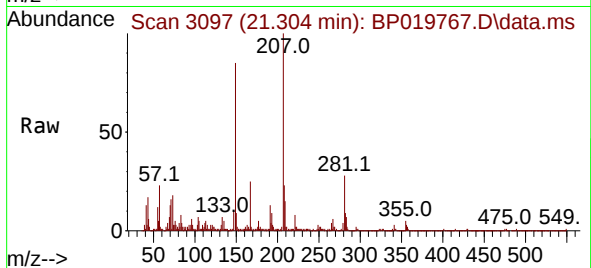




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.148 ng  
 RT: 21.304 min Scan# 3097  
 Delta R.T. -0.023 min  
 Lab File: BP019767.D  
 Acq: 19 Feb 2024 17:28

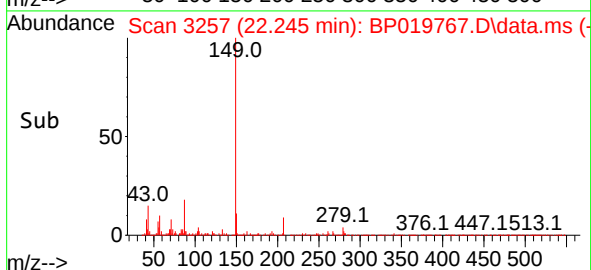
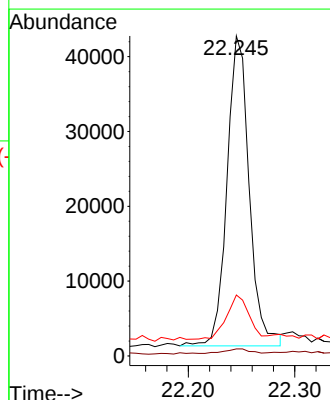
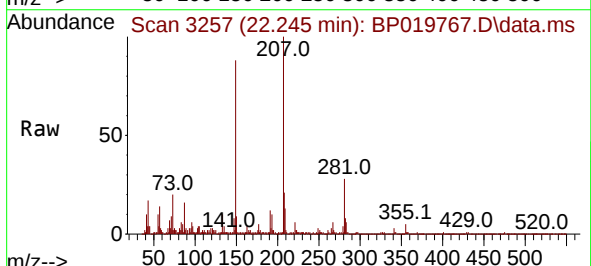
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-1

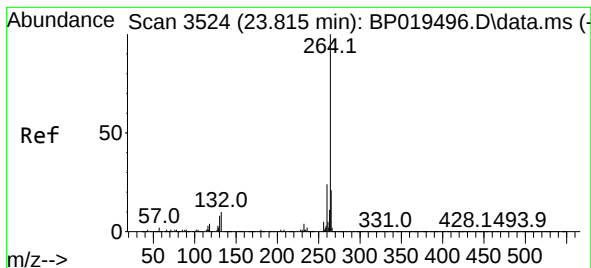
Tgt Ion:149 Resp: 35532  
 Ion Ratio Lower Upper  
 149 100  
 167 29.7 22.7 34.1  
 279 4.7 4.2 6.2



#85  
 Di-n-octyl phthalate  
 Concen: 2.066 ng  
 RT: 22.245 min Scan# 3257  
 Delta R.T. -0.029 min  
 Lab File: BP019767.D  
 Acq: 19 Feb 2024 17:28

Tgt Ion:149 Resp: 60122  
 Ion Ratio Lower Upper  
 149 100  
 167 1.9 1.3 1.9#  
 43 14.4 6.3 9.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 31

Delta R.T. -0.011 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

Instrument :

BNA\_P

ClientSampleId :

TP-1

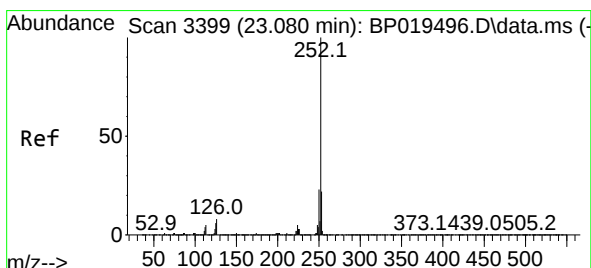
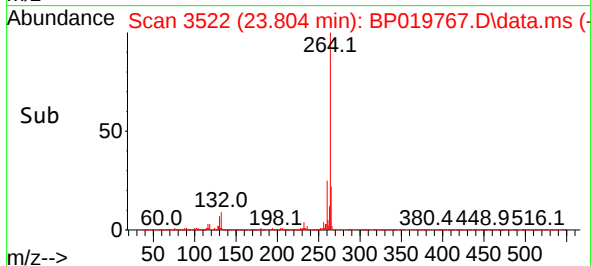
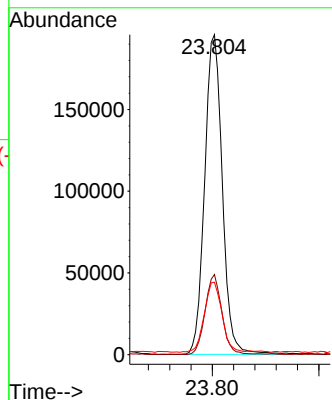
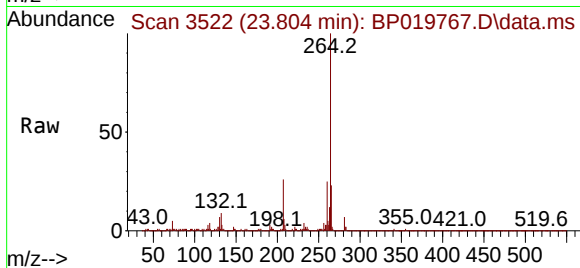
Tgt Ion:264 Resp: 449954

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.7 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 2.617 ng

RT: 23.116 min Scan# 3405

Delta R.T. 0.036 min

Lab File: BP019767.D

Acq: 19 Feb 2024 17:28

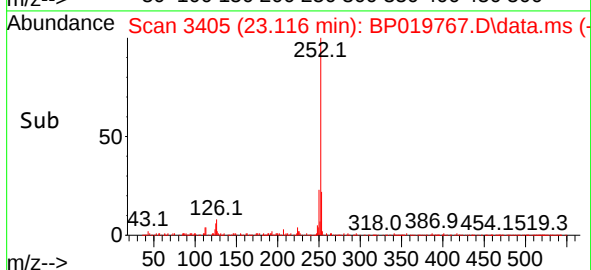
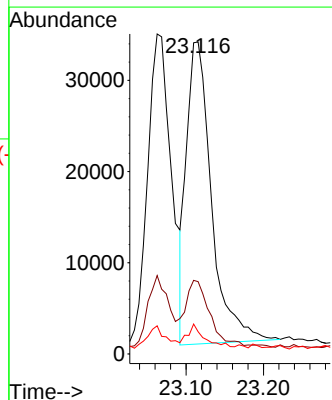
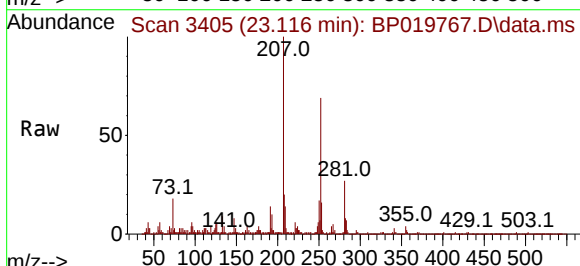
Tgt Ion:252 Resp: 74218

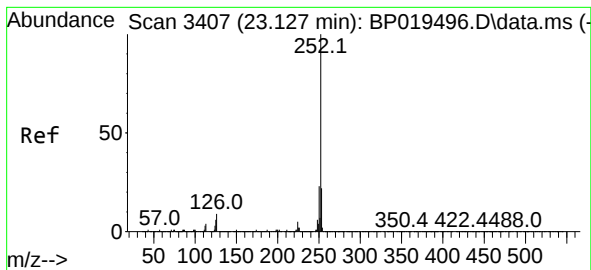
Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

125 7.1 4.9 7.3





#89

Benzo(k)fluoranthene

Concen: 2.740 ng

RT: 23.116 min Scan# 34

Delta R.T. -0.011 min

Lab File: BP019767.D

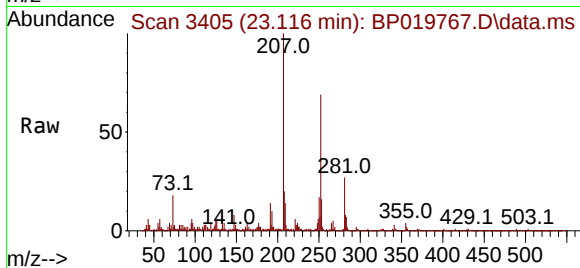
Acq: 19 Feb 2024 17:28

Instrument :

BNA\_P

ClientSampleId :

TP-1



Tgt Ion:252 Resp: 74218

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

125 7.1 5.0 7.6

