

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022724\  
 Data File : BP019897.D  
 Acq On : 27 Feb 2024 15:27  
 Operator : MA/JU  
 Sample : P1523-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 20240763-COMPOSITE-39N-N-3-01

Quant Time: Feb 27 16:06:41 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP022624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 27 02:05:05 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.893  | 152  | 106421   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.699 | 136  | 421639   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.540 | 164  | 299960   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.298 | 188  | 652853   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.398 | 240  | 500181   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 23.821 | 264  | 499566   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 573761   | 88.493 | ng    | 0.00     |
| 7) Phenol-d6                | 7.069  | 99   | 818963   | 84.838 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.069  | 82   | 572186   | 54.786 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.039 | 330  | 350555   | 68.158 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 1131343  | 50.959 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.869 | 244  | 1606602  | 50.627 | ng    | -0.01    |

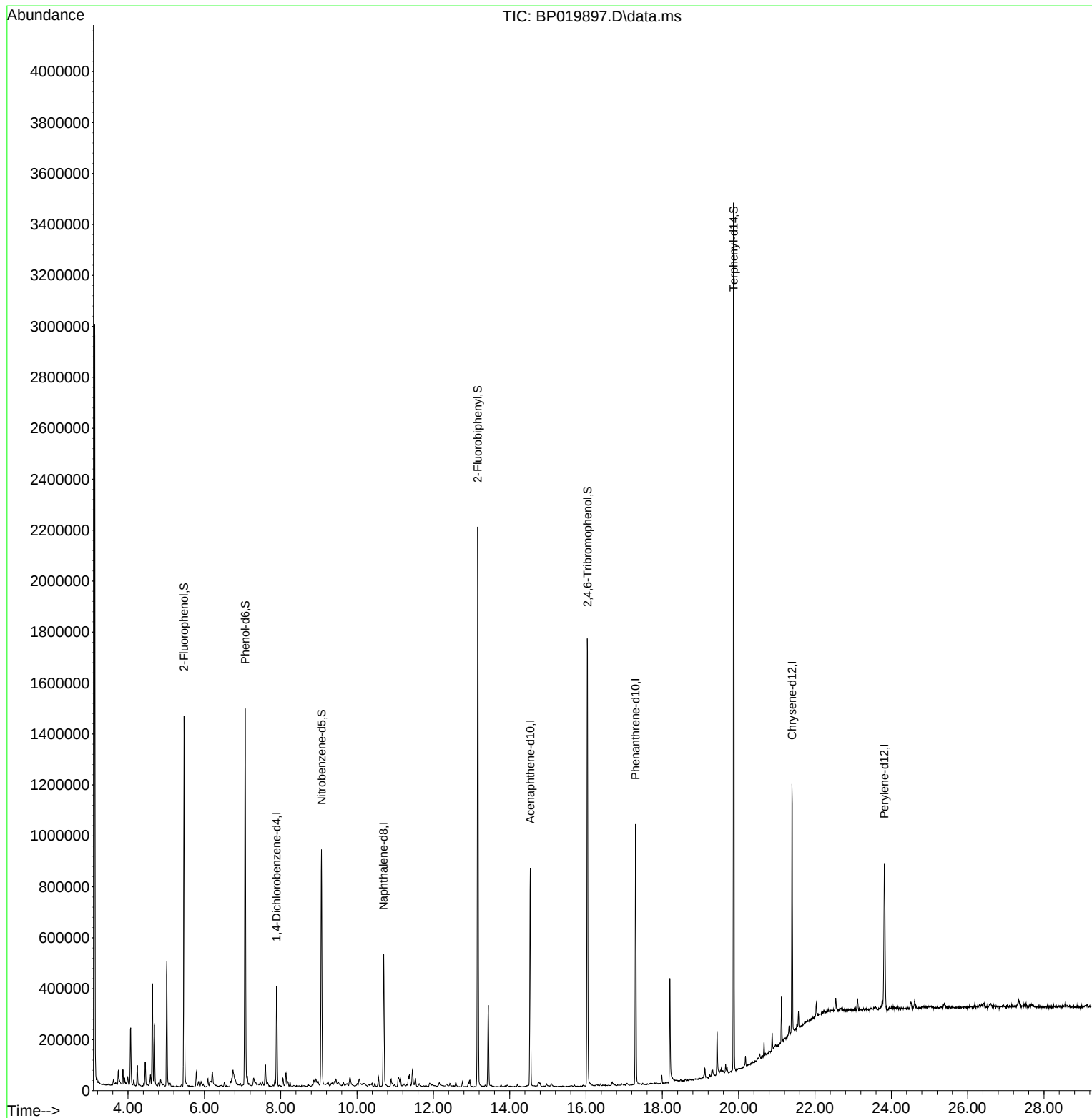
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

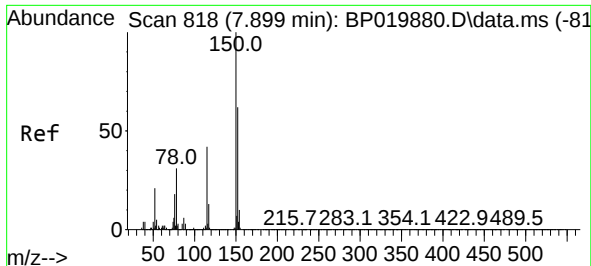
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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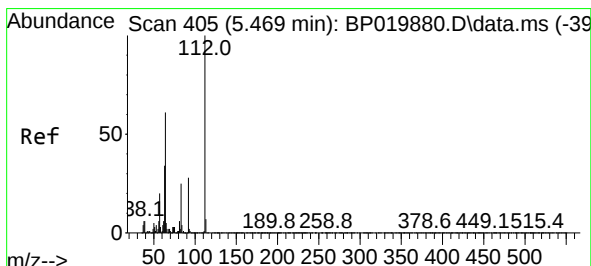
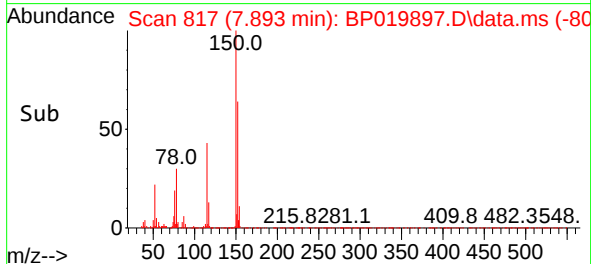
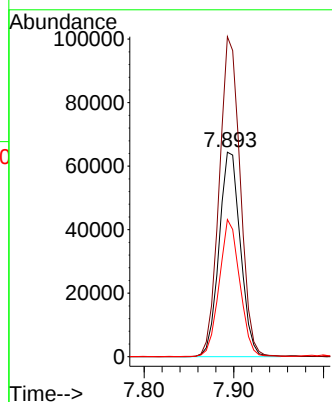
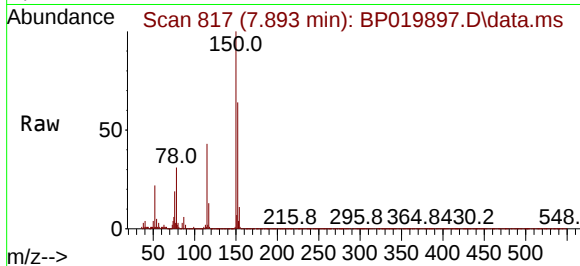




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.893 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP019897.D  
Acq: 27 Feb 2024 15:27

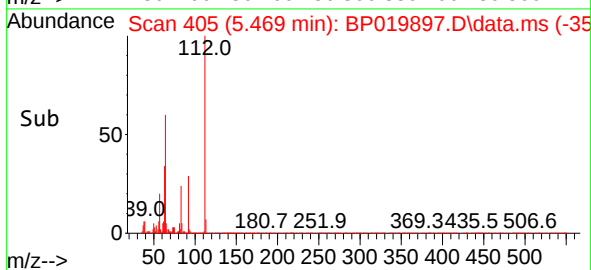
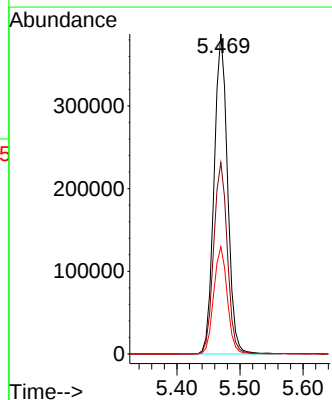
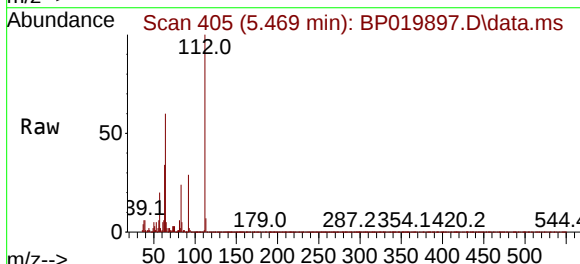
Instrument :  
BNA\_P  
ClientSampleId :  
20240763-COMPOSITE-39N-N-3-01

Tgt Ion:152 Resp: 106421  
Ion Ratio Lower Upper  
152 100  
150 156.5 128.6 192.8  
115 67.0 53.4 80.2



#5  
2-Fluorophenol  
Concen: 88.493 ng  
RT: 5.469 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: BP019897.D  
Acq: 27 Feb 2024 15:27

Tgt Ion:112 Resp: 573761  
Ion Ratio Lower Upper  
112 100  
64 59.8 49.0 73.6  
63 33.5 27.6 41.4

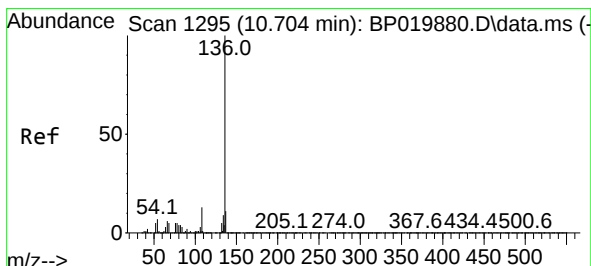
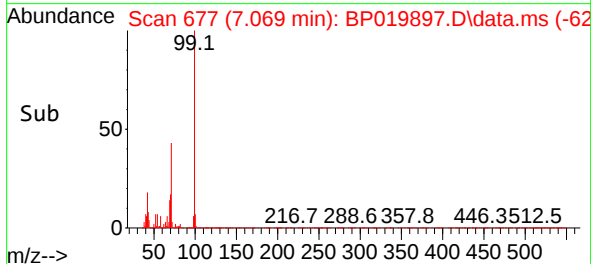
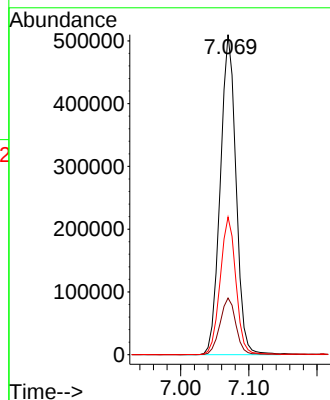
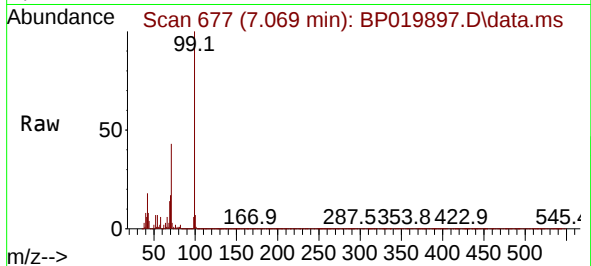




#7  
Phenol-d6  
Concen: 84.838 ng  
RT: 7.069 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019897.D  
Acq: 27 Feb 2024 15:27

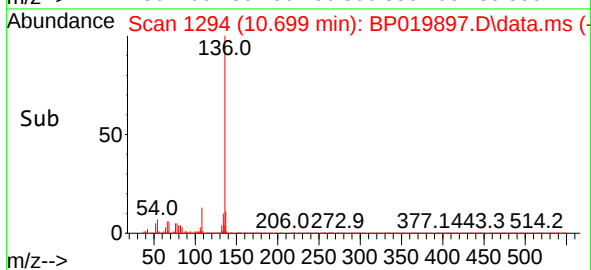
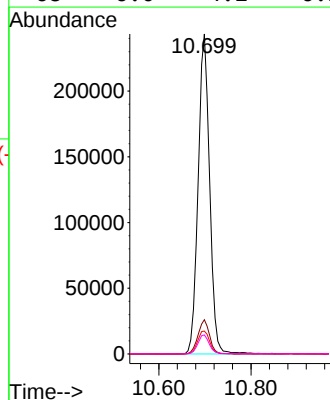
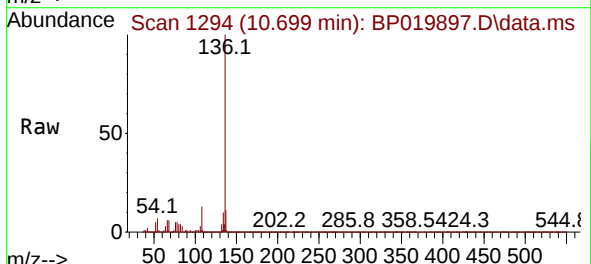
Instrument :  
BNA\_P  
ClientSampleId :  
20240763-COMPOSITE-39N-N-3-01

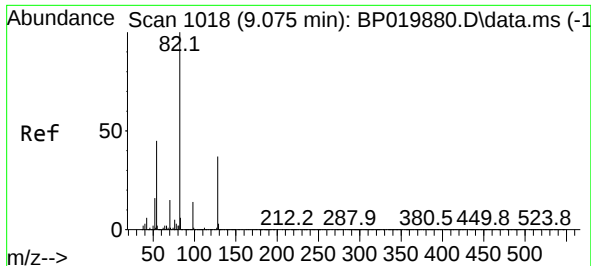
Tgt Ion: 99 Resp: 818963  
Ion Ratio Lower Upper  
99 100  
42 17.7 13.8 20.8  
71 43.0 34.5 51.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.699 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: BP019897.D  
Acq: 27 Feb 2024 15:27

Tgt Ion:136 Resp: 421639  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.7 13.1  
54 7.2 6.0 9.0  
68 6.0 4.2 6.2

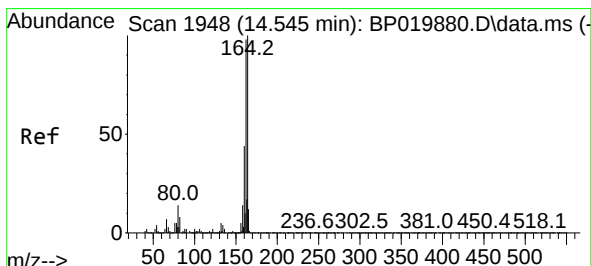
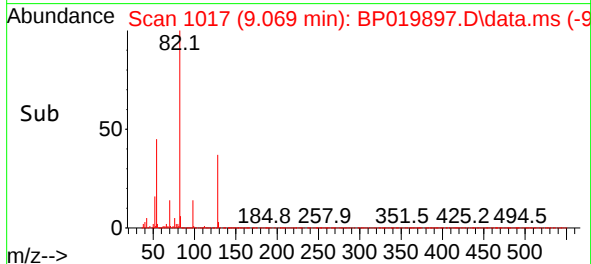
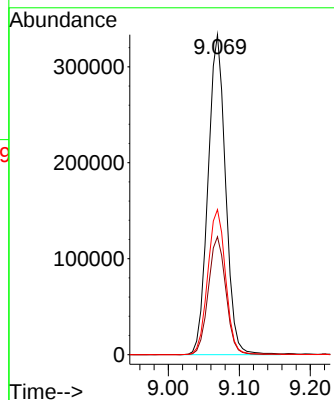
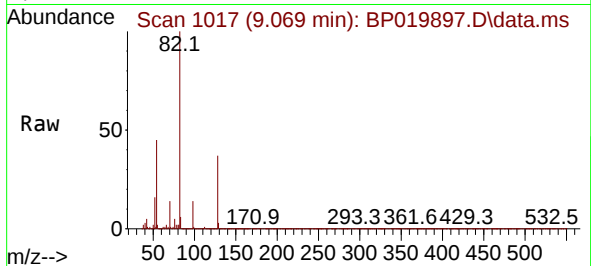




#23  
Nitrobenzene-d5  
Concen: 54.786 ng  
RT: 9.069 min Scan# 1018  
Delta R.T. -0.006 min  
Lab File: BP019897.D  
Acq: 27 Feb 2024 15:27

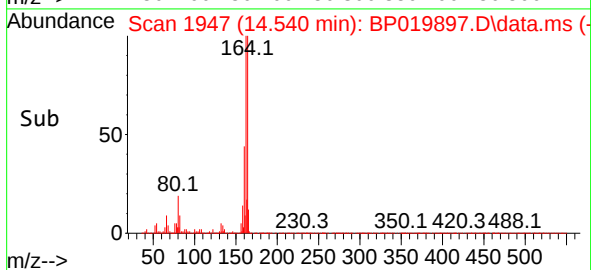
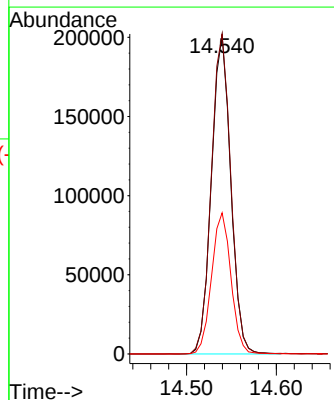
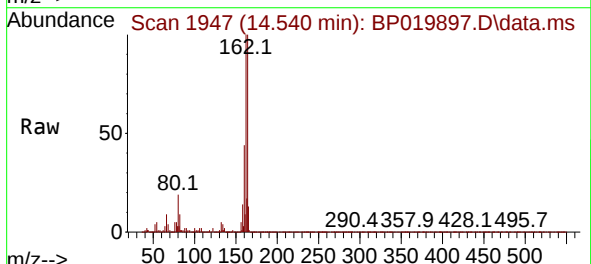
Instrument :  
BNA\_P  
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20240763-COMPOSITE-39N-N-3-01

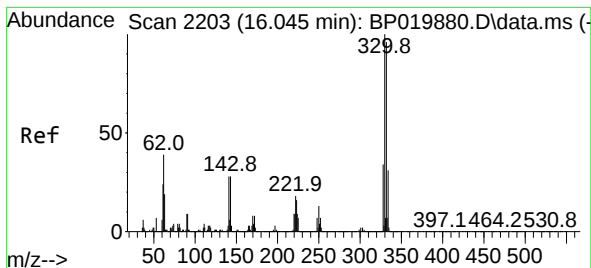
Tgt Ion: 82 Resp: 572186  
Ion Ratio Lower Upper  
82 100  
128 36.8 29.6 44.4  
54 45.3 36.3 54.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.540 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BP019897.D  
Acq: 27 Feb 2024 15:27

Tgt Ion:164 Resp: 299960  
Ion Ratio Lower Upper  
164 100  
162 100.4 78.1 117.1  
160 44.3 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 68.158 ng

RT: 16.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019897.D

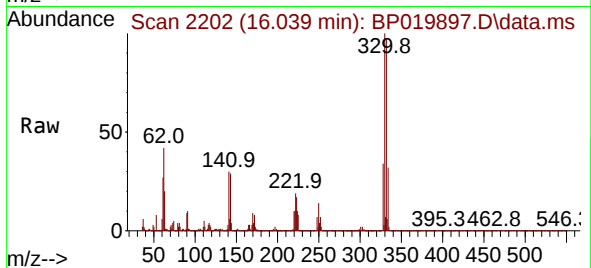
Acq: 27 Feb 2024 15:27

Instrument :

BNA\_P

ClientSampleId :

20240763-COMPOSITE-39N-N-3-01



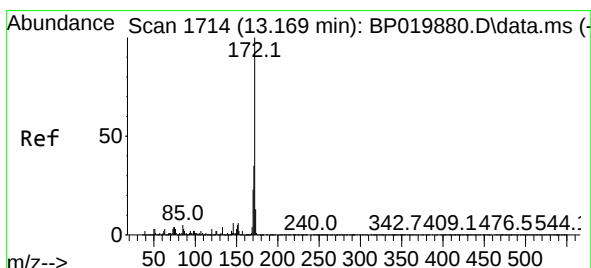
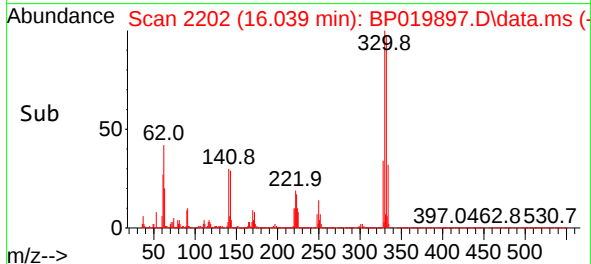
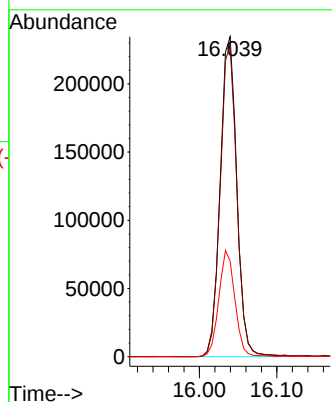
Tgt Ion:330 Resp: 350555

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.2

141 32.2 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 50.959 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.006 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

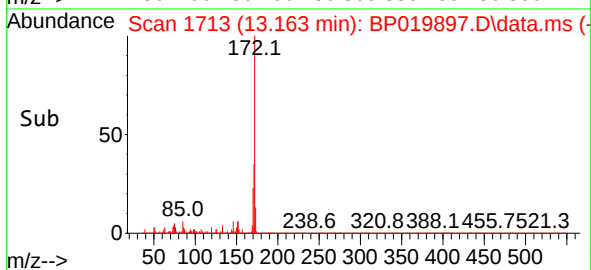
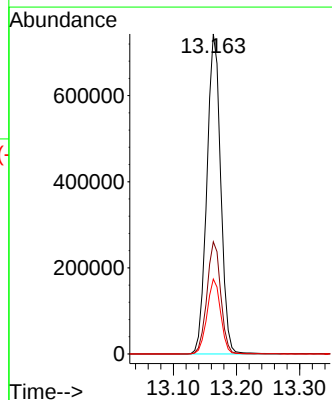
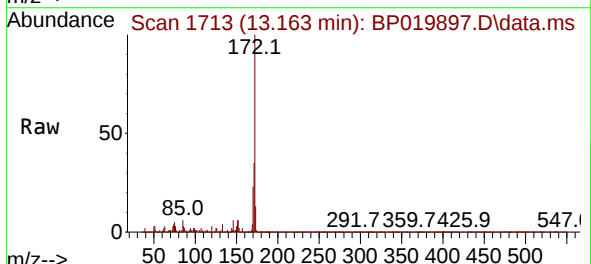
Tgt Ion:172 Resp: 1131343

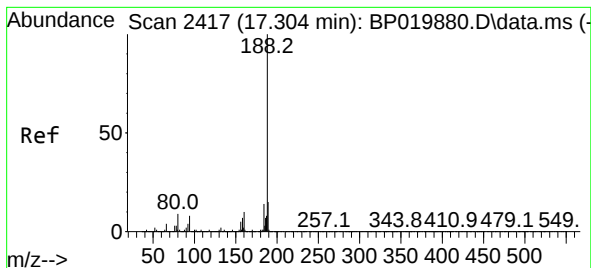
Ion Ratio Lower Upper

172 100

171 35.1 27.8 41.6

170 23.4 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

Instrument :

BNA\_P

ClientSampleId :

20240763-COMPOSITE-39N-N-3-01

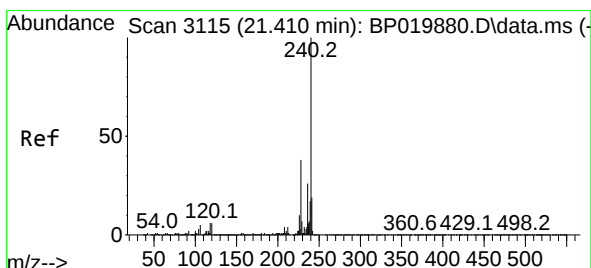
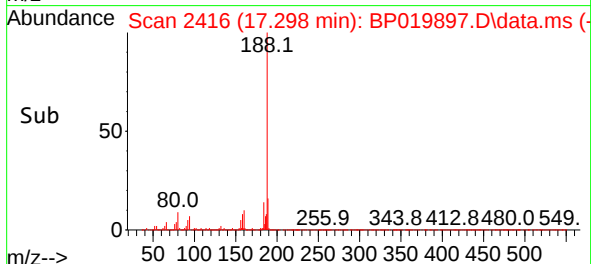
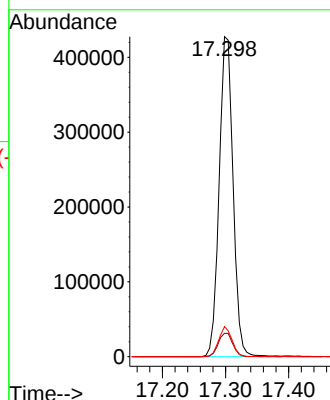
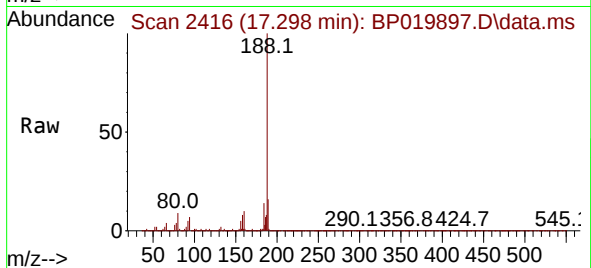
Tgt Ion:188 Resp: 652853

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

80 9.4 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

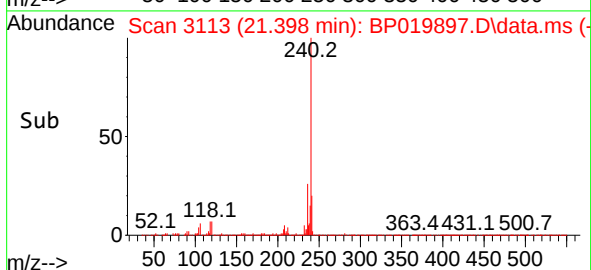
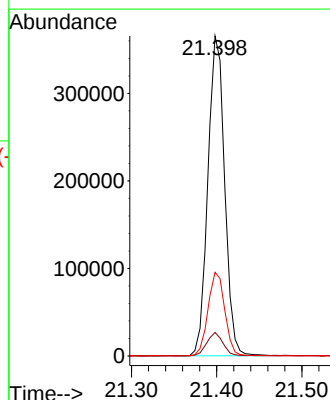
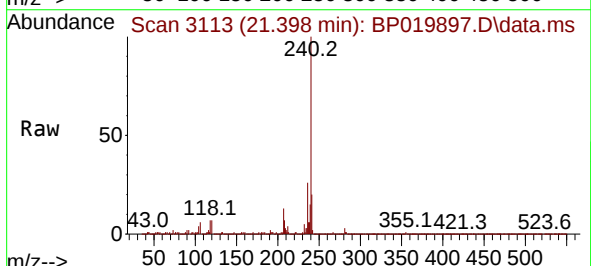
Tgt Ion:240 Resp: 500181

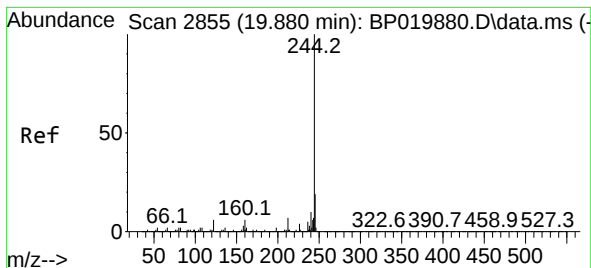
Ion Ratio Lower Upper

240 100

120 7.3 5.1 7.7

236 26.2 20.5 30.7





#79

Terphenyl-d14

Concen: 50.627 ng

RT: 19.869 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

Instrument :

BNA\_P

ClientSampleId :

20240763-COMPOSITE-39N-N-3-01

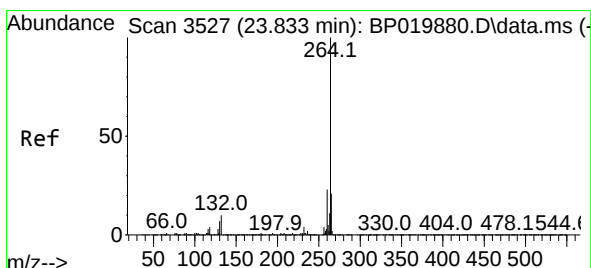
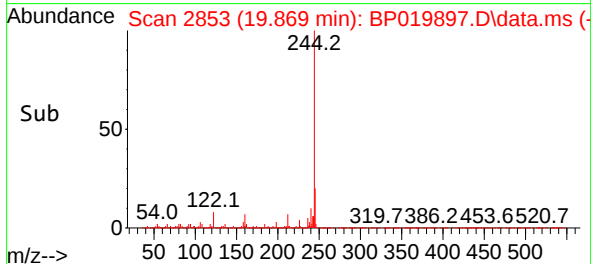
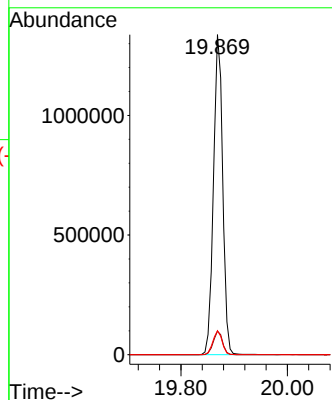
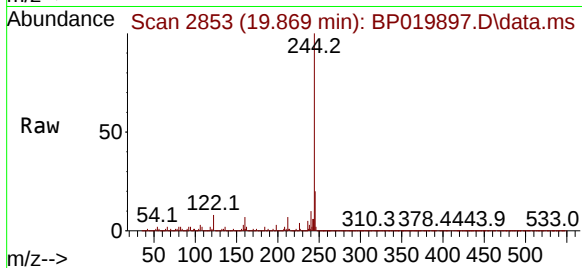
Tgt Ion:244 Resp: 1606602

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 7.5 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BP019897.D

Acq: 27 Feb 2024 15:27

Tgt Ion:264 Resp: 499566

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.6 17.4 26.2

