

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020624\  
 Data File : BP019576.D  
 Acq On : 06 Feb 2024 16:27  
 Operator : MA/JU  
 Sample : PB158579BL  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB158579BL

Quant Time: Feb 07 01:04:36 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   | 7.910  | 152  | 77979    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.710 | 136  | 290242   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.540 | 164  | 195157   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.292 | 188  | 424994   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.386 | 240  | 293106   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.798 | 264  | 346044   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 659731   | 136.374 | ng    | 0.00     |
| 7) Phenol-d6                | 7.081  | 99   | 867766   | 133.034 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.081  | 82   | 572266   | 85.436  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.034 | 330  | 381922   | 134.034 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.169 | 172  | 1322619  | 83.782  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.863 | 244  | 1874404  | 105.168 | ng    | 0.00     |

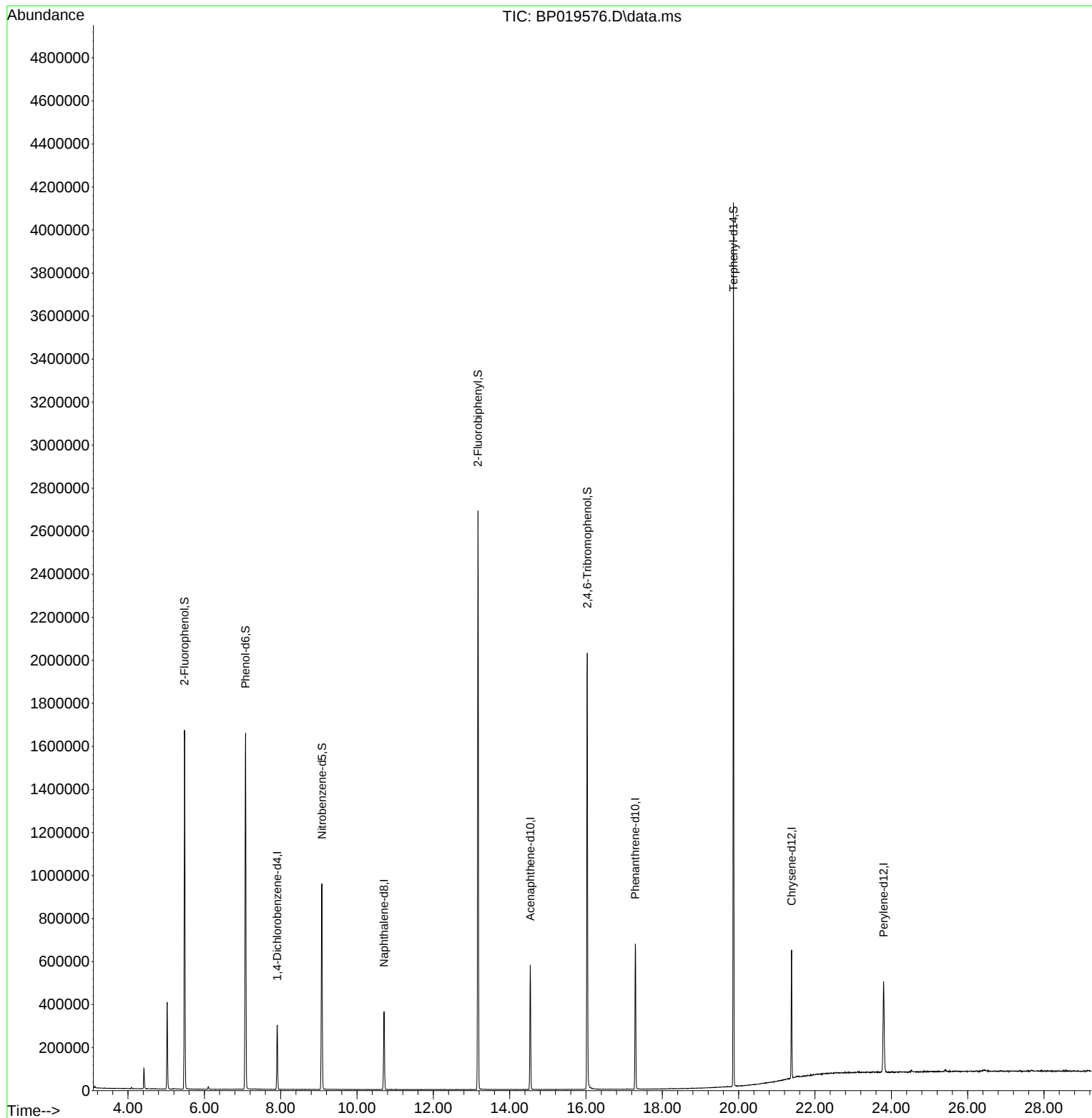
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

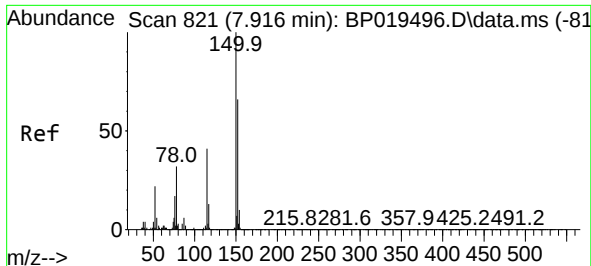
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020624\  
Data File : BP019576.D  
Acq On : 06 Feb 2024 16:27  
Operator : MA/JU  
Sample : PB158579BL  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PB158579BL

Quant Time: Feb 07 01:04:36 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

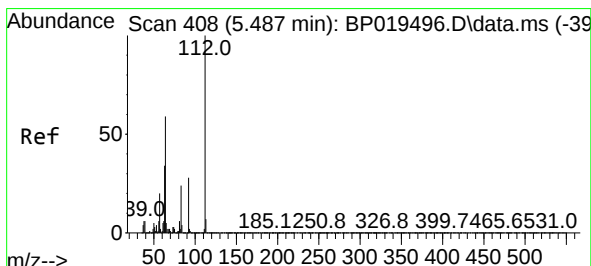
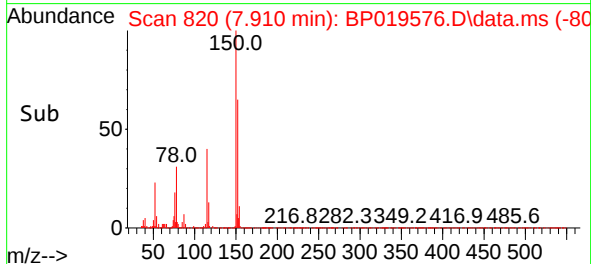
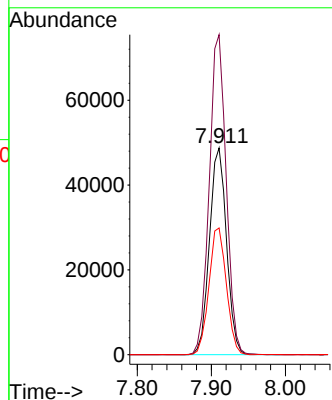
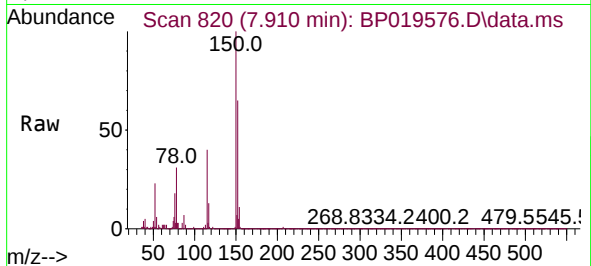




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.910 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP019576.D  
Acq: 06 Feb 2024 16:27

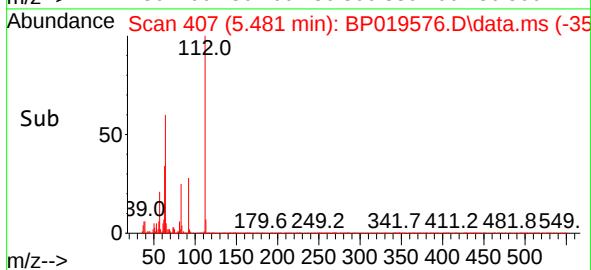
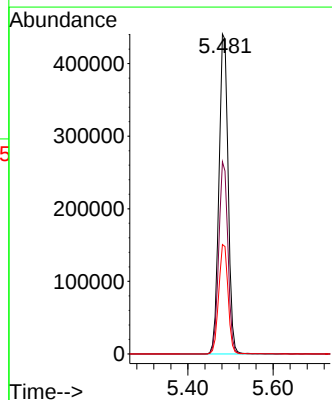
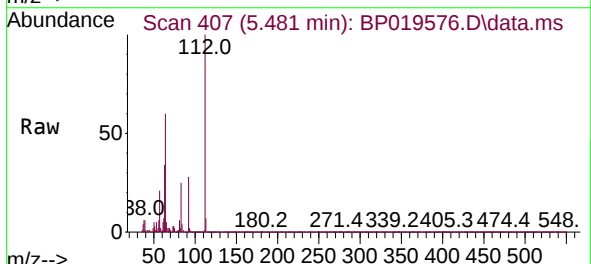
Instrument :  
BNA\_P  
ClientSampleId :  
PB158579BL

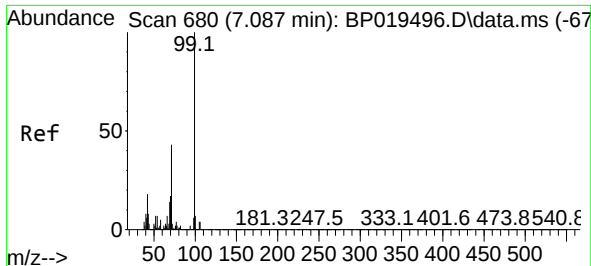
Tgt Ion:152 Resp: 77979  
Ion Ratio Lower Upper  
152 100  
150 154.8 121.8 182.8  
115 61.3 49.9 74.9



#5  
2-Fluorophenol  
Concen: 136.374 ng  
RT: 5.481 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: BP019576.D  
Acq: 06 Feb 2024 16:27

Tgt Ion:112 Resp: 659731  
Ion Ratio Lower Upper  
112 100  
64 60.1 47.4 71.0  
63 34.2 27.0 40.6

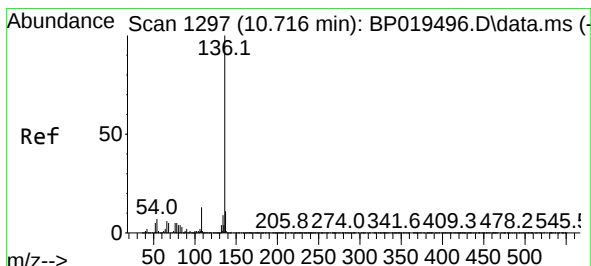
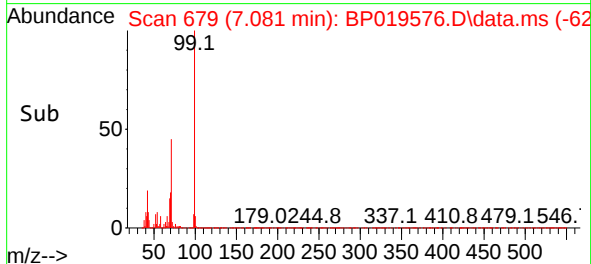
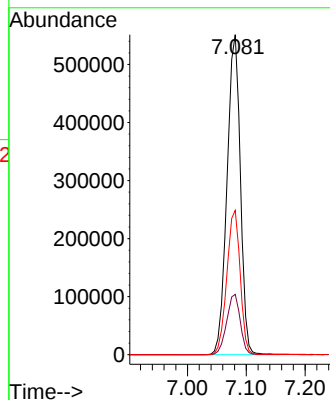
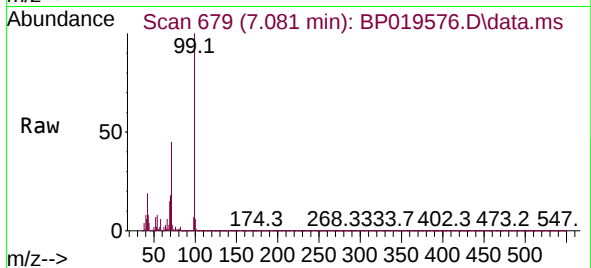




#7  
Phenol-d6  
Concen: 133.034 ng  
RT: 7.081 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP019576.D  
Acq: 06 Feb 2024 16:27

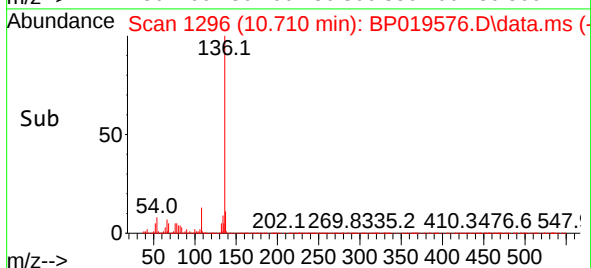
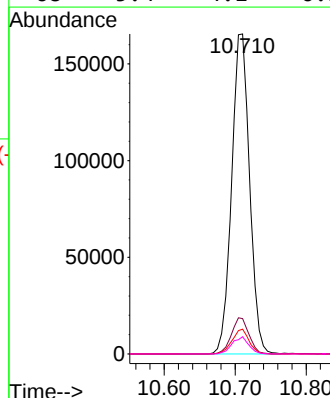
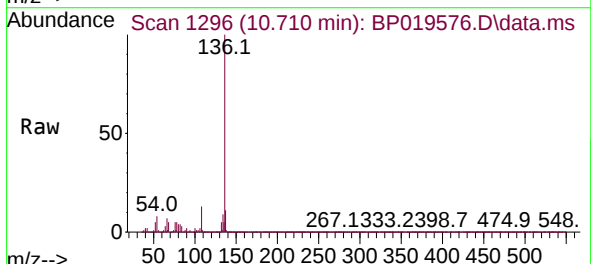
Instrument :  
BNA\_P  
ClientSampleId :  
PB158579BL

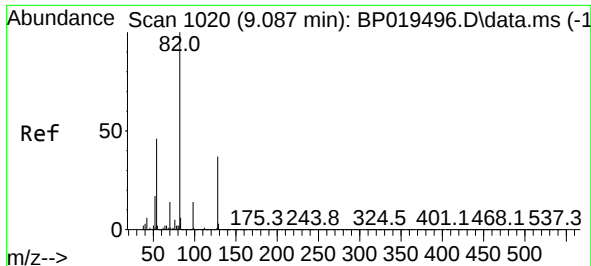
Tgt Ion: 99 Resp: 867766  
Ion Ratio Lower Upper  
99 100  
42 18.9 14.7 22.1  
71 45.1 34.8 52.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.710 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BP019576.D  
Acq: 06 Feb 2024 16:27

Tgt Ion: 136 Resp: 290242  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 7.8 5.3 7.9  
68 5.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 85.436 ng

RT: 9.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BP019576.D

Acq: 06 Feb 2024 16:27

Instrument :

BNA\_P

ClientSampleId :

PB158579BL

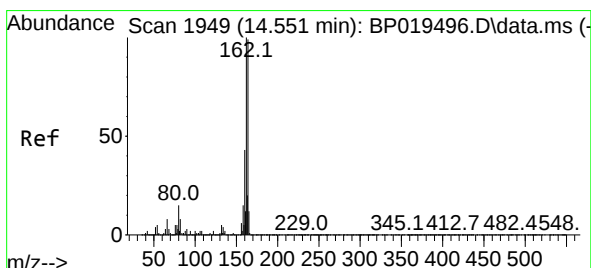
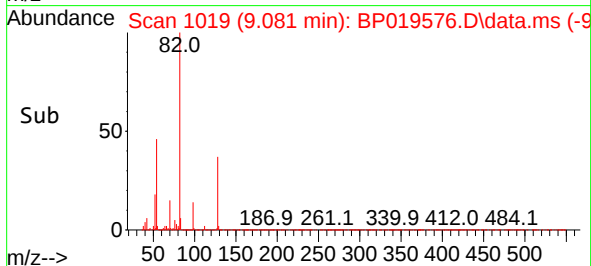
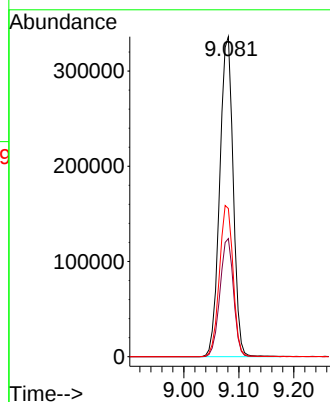
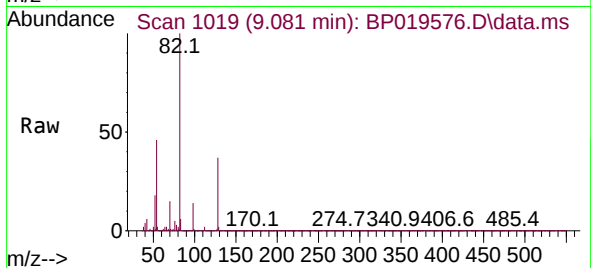
Tgt Ion: 82 Resp: 572266

Ion Ratio Lower Upper

82 100

128 36.9 29.7 44.5

54 46.3 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.540 min Scan# 1947

Delta R.T. -0.011 min

Lab File: BP019576.D

Acq: 06 Feb 2024 16:27

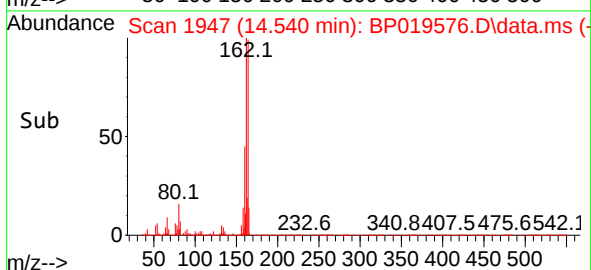
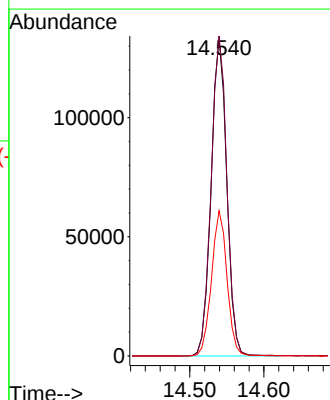
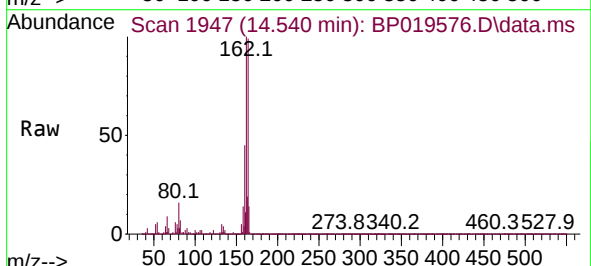
Tgt Ion: 164 Resp: 195157

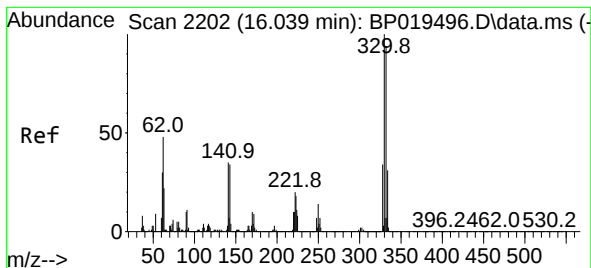
Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

160 45.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 134.034 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019576.D

Acq: 06 Feb 2024 16:27

Instrument :

BNA\_P

ClientSampleId :

PB158579BL

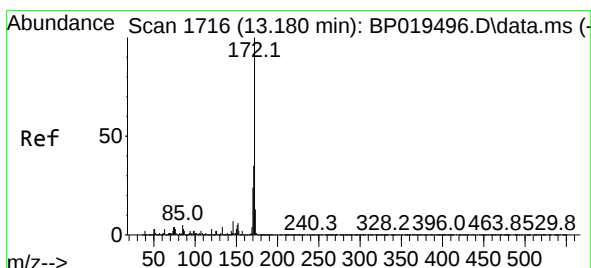
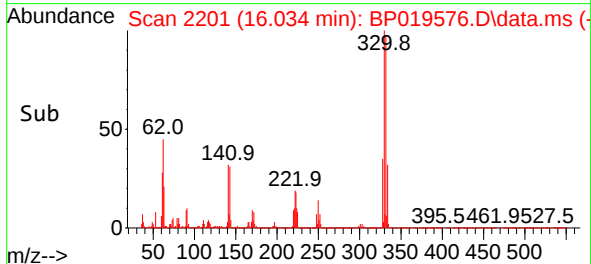
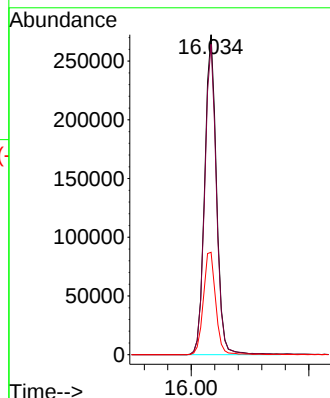
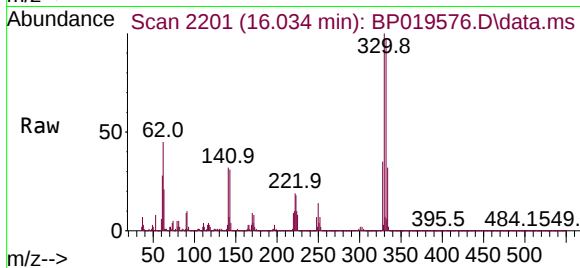
Tgt Ion:330 Resp: 381922

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

141 33.4 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 83.782 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.011 min

Lab File: BP019576.D

Acq: 06 Feb 2024 16:27

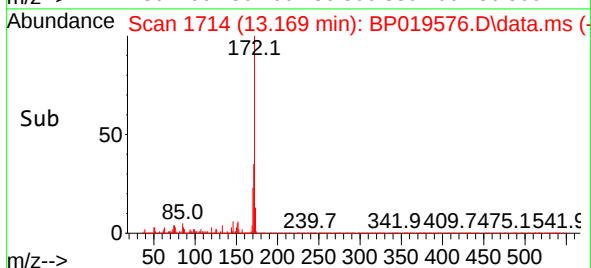
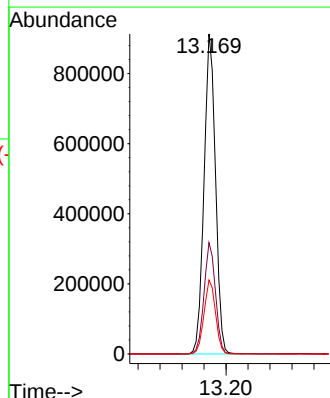
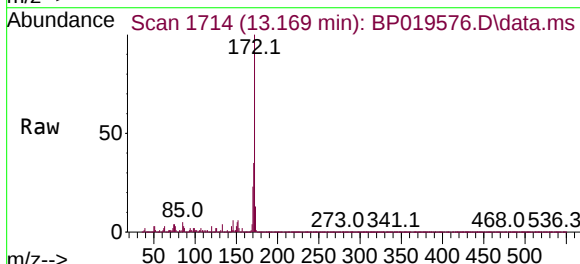
Tgt Ion:172 Resp: 1322619

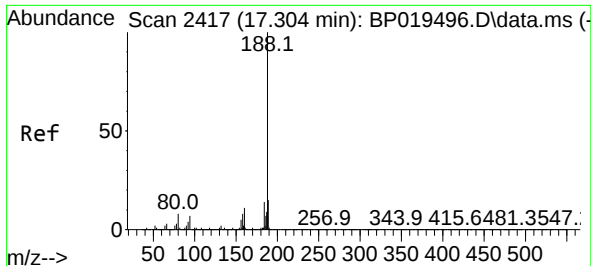
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.1 18.9 28.3

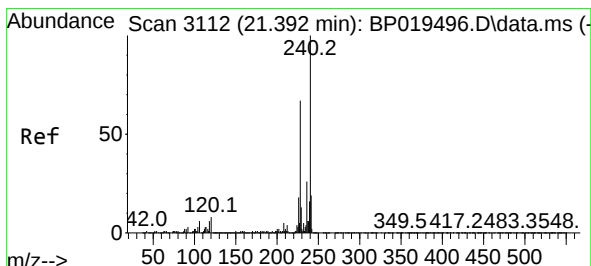
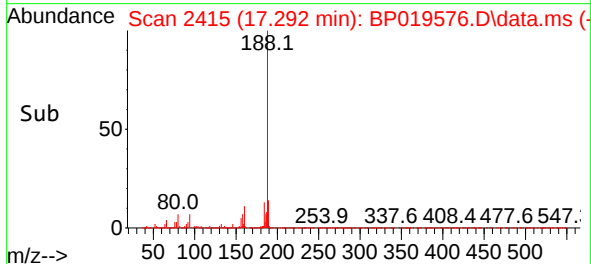
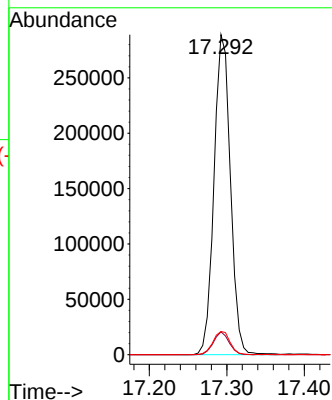
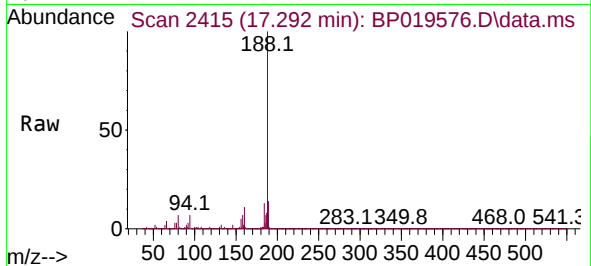




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.292 min Scan# 2417  
Delta R.T. -0.012 min  
Lab File: BP019576.D  
Acq: 06 Feb 2024 16:27

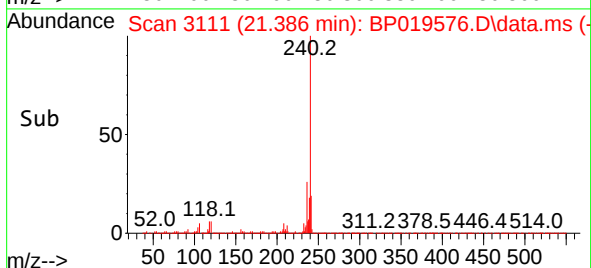
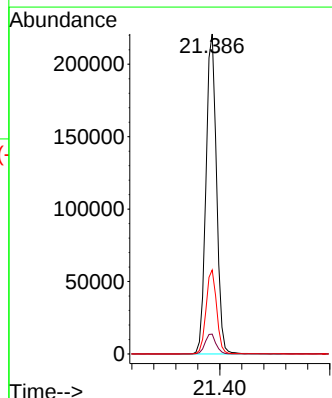
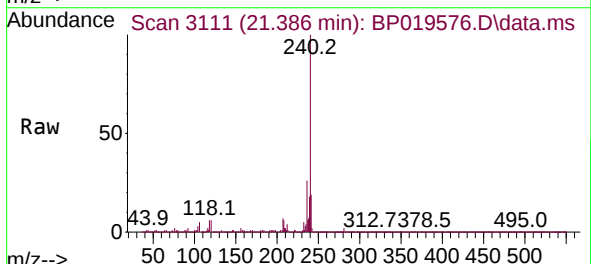
Instrument :  
BNA\_P  
ClientSampleId :  
PB158579BL

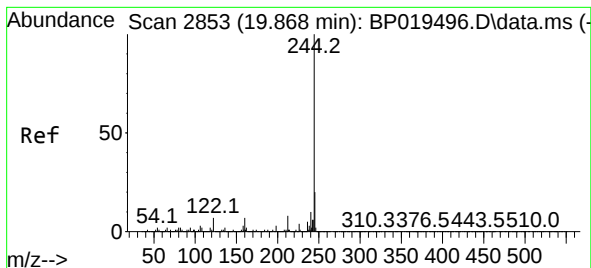
Tgt Ion:188 Resp: 424994  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.4 8.2  
80 7.2 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.386 min Scan# 3111  
Delta R.T. -0.006 min  
Lab File: BP019576.D  
Acq: 06 Feb 2024 16:27

Tgt Ion:240 Resp: 293106  
Ion Ratio Lower Upper  
240 100  
120 6.2 6.1 9.1  
236 26.2 20.7 31.1





#79

Terphenyl-d14

Concen: 105.168 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019576.D

Acq: 06 Feb 2024 16:27

Instrument :

BNA\_P

ClientSampleId :

PB158579BL

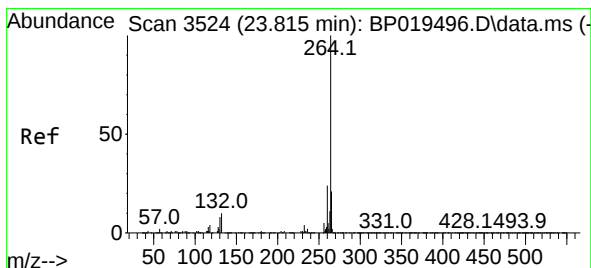
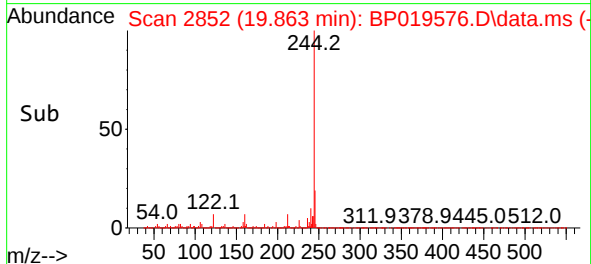
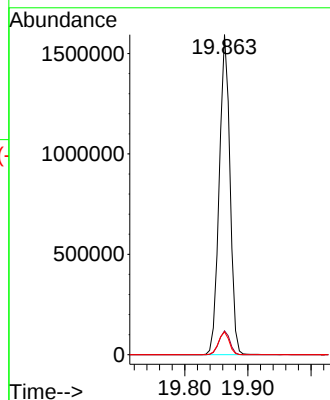
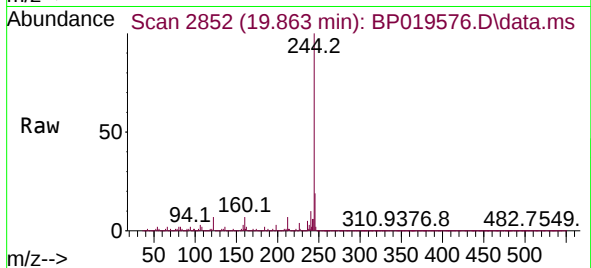
Tgt Ion:244 Resp: 1874404

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 7.1 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.798 min Scan# 3521

Delta R.T. -0.017 min

Lab File: BP019576.D

Acq: 06 Feb 2024 16:27

Tgt Ion:264 Resp: 346044

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 17.0 25.4

