

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP020924\  
 Data File : BP019625.D  
 Acq On : 09 Feb 2024 11:06  
 Operator : MA/JU  
 Sample : PB158902BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB158902BL

Quant Time: Feb 09 11:37:41 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   | 7.911  | 152  | 96510    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.710 | 136  | 354362   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.545 | 164  | 220083   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.304 | 188  | 454850   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.392 | 240  | 349218   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.816 | 264  | 435809   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 727730   | 121.546 | ng    | 0.00     |
| 7) Phenol-d6                | 7.087  | 99   | 935695   | 115.904 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.081  | 82   | 638224   | 78.042  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.040 | 330  | 424058   | 131.967 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.175 | 172  | 1401560  | 78.727  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.869 | 244  | 1922437  | 90.532  | ng    | 0.00     |

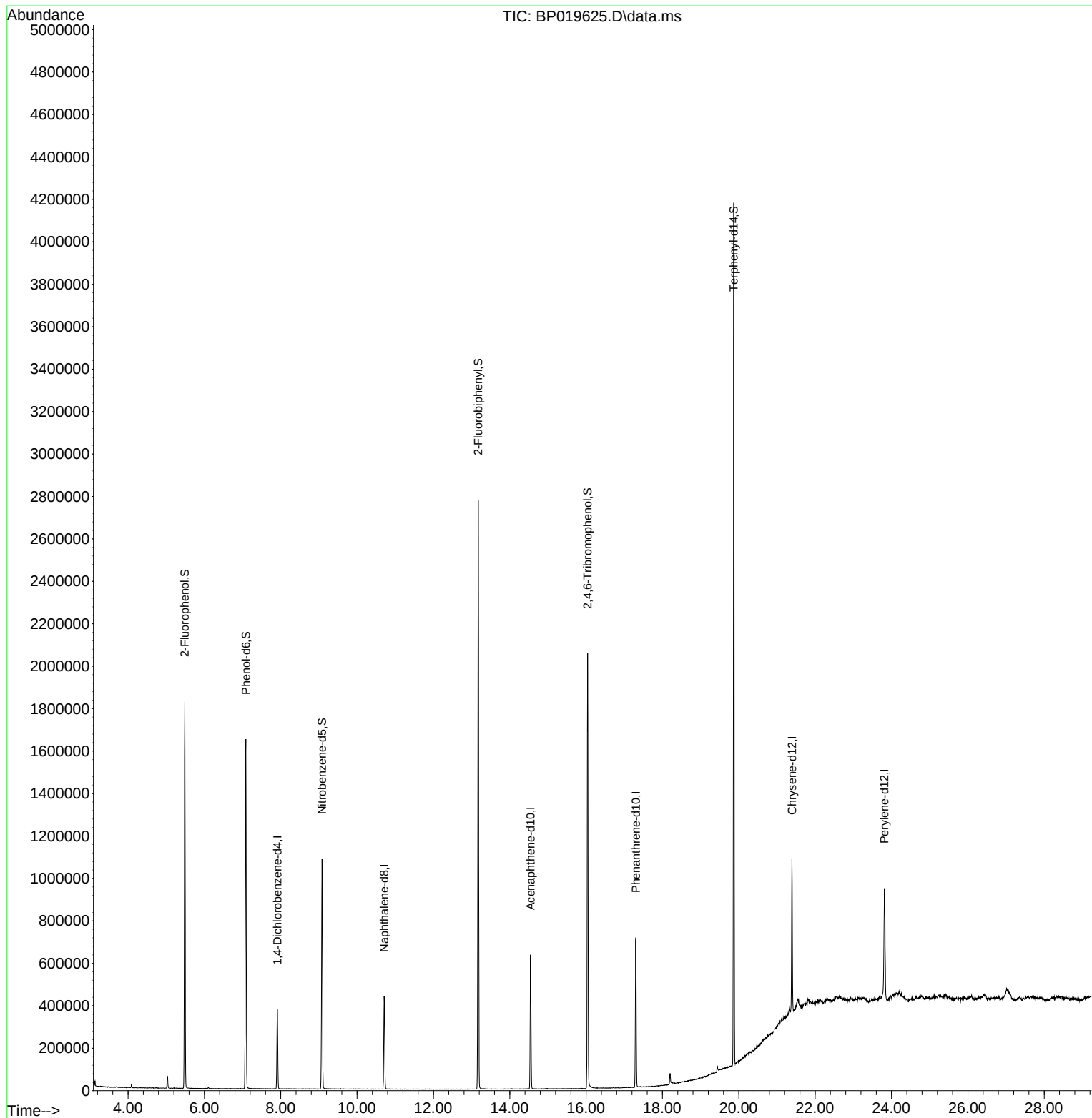
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

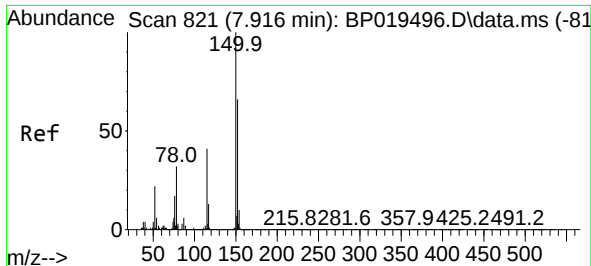
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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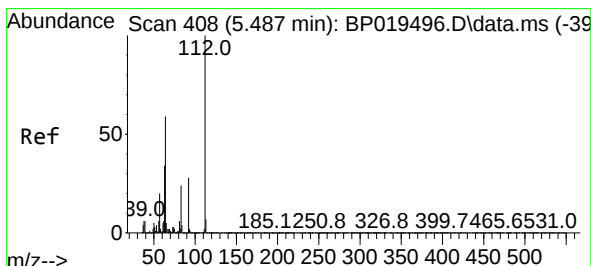
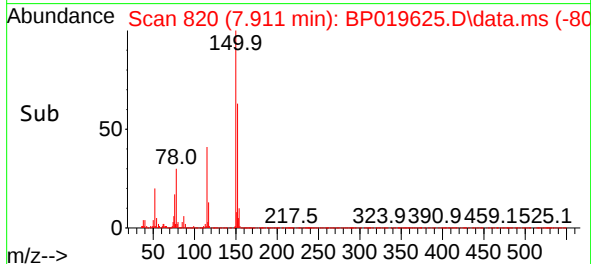
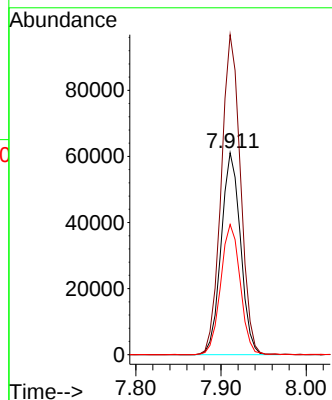
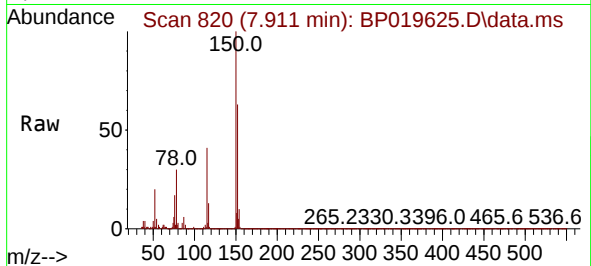




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.911 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BP019625.D  
Acq: 09 Feb 2024 11:06

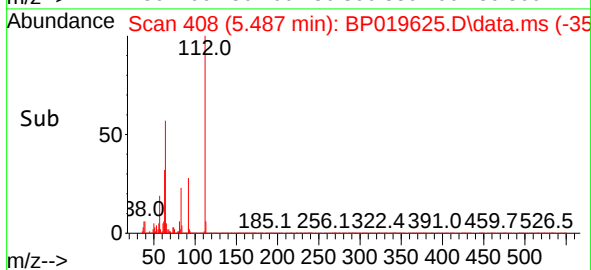
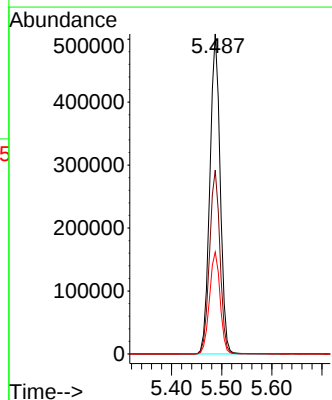
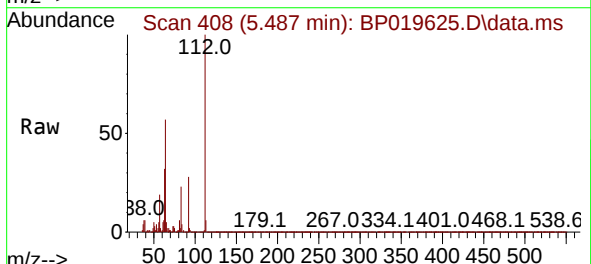
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BNA\_P  
ClientSampleId :  
PB158902BL

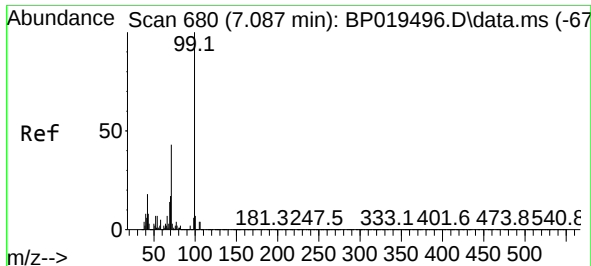
Tgt Ion:152 Resp: 96510  
Ion Ratio Lower Upper  
152 100  
150 158.5 121.8 182.8  
115 64.5 49.9 74.9



#5  
2-Fluorophenol  
Concen: 121.546 ng  
RT: 5.487 min Scan# 408  
Delta R.T. 0.000 min  
Lab File: BP019625.D  
Acq: 09 Feb 2024 11:06

Tgt Ion:112 Resp: 727730  
Ion Ratio Lower Upper  
112 100  
64 57.4 47.4 71.0  
63 31.8 27.0 40.6

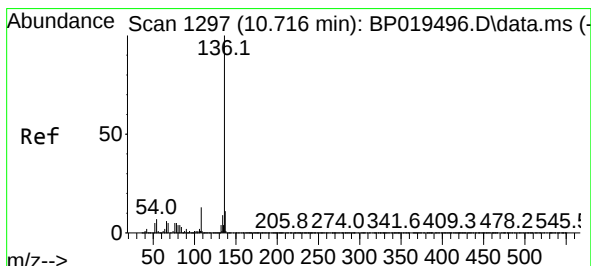
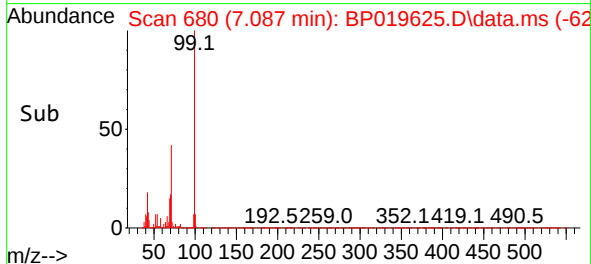
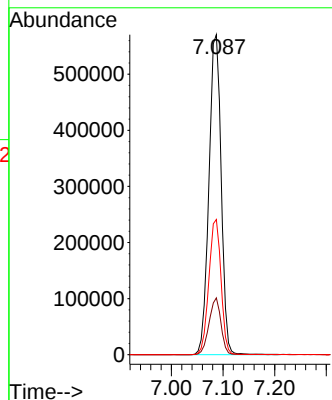
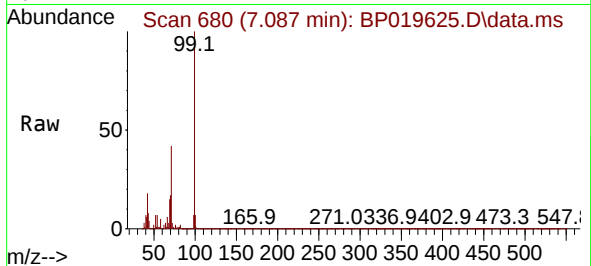




#7  
Phenol-d6  
Concen: 115.904 ng  
RT: 7.087 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP019625.D  
Acq: 09 Feb 2024 11:06

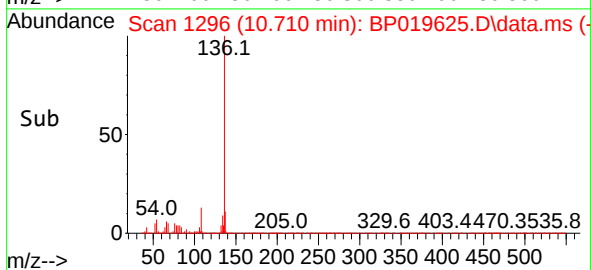
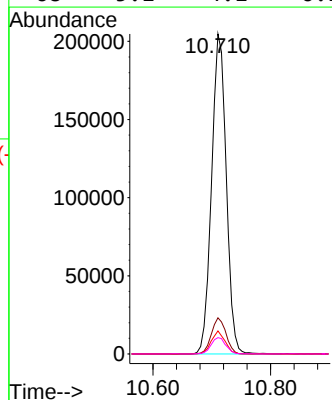
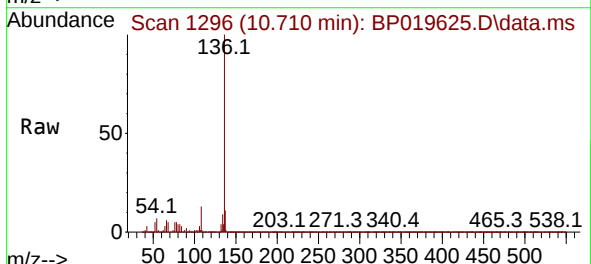
Instrument :  
BNA\_P  
ClientSampleId :  
PB158902BL

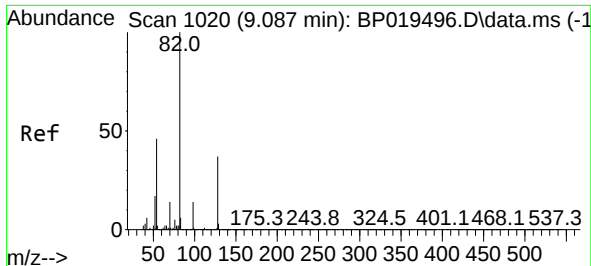
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 935695 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 17.8  | 14.7  | 22.1   |
| 71       | 42.2  | 34.8  | 52.2   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.710 min Scan# 1296  
Delta R.T. -0.006 min  
Lab File: BP019625.D  
Acq: 09 Feb 2024 11:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 354362 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.8   | 13.2   |
| 54       | 7.2   | 5.3   | 7.9    |
| 68       | 5.1   | 4.1   | 6.1    |

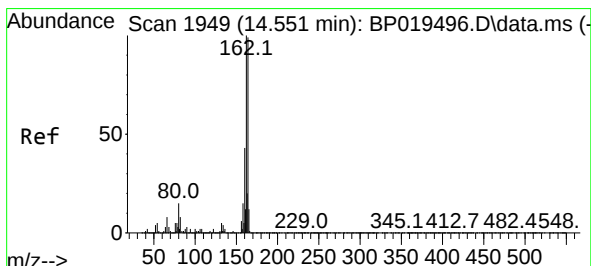
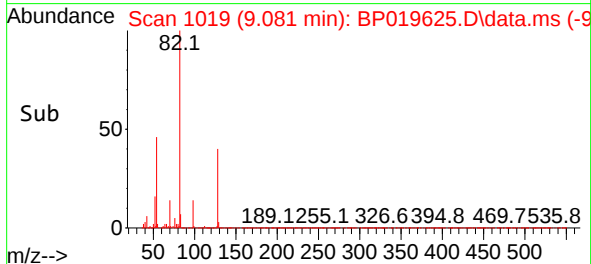
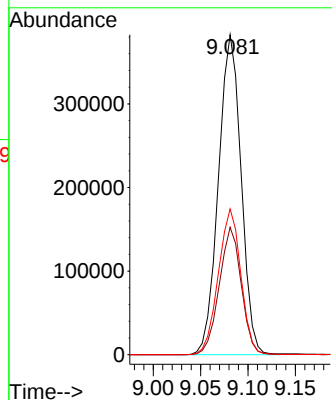
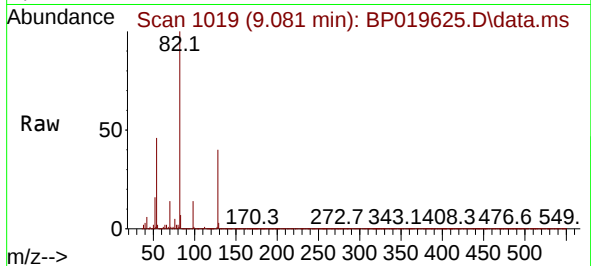




#23  
Nitrobenzene-d5  
Concen: 78.042 ng  
RT: 9.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BP019625.D  
Acq: 09 Feb 2024 11:06

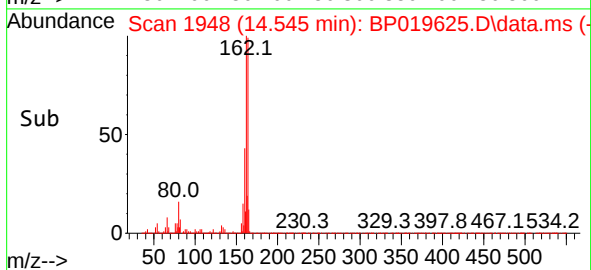
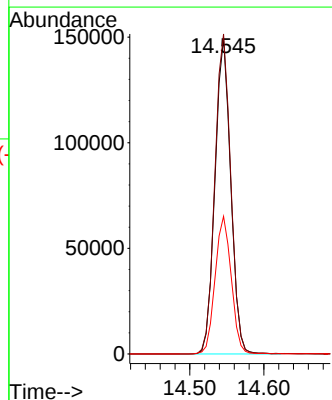
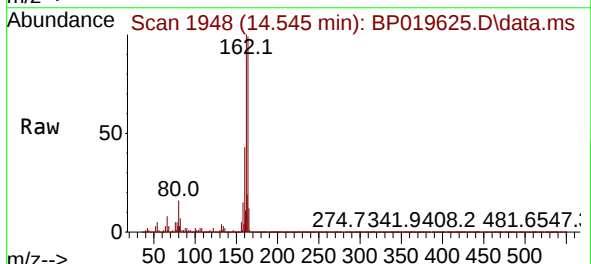
Instrument :  
BNA\_P  
ClientSampleId :  
PB158902BL

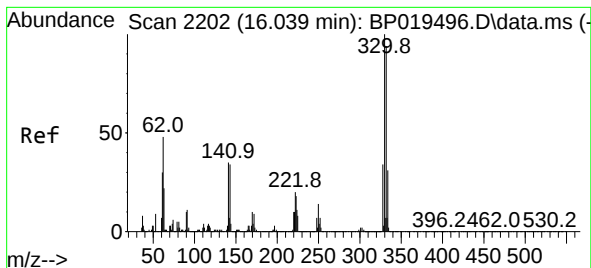
Tgt Ion: 82 Resp: 638224  
Ion Ratio Lower Upper  
82 100  
128 39.8 29.7 44.5  
54 45.6 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.545 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: BP019625.D  
Acq: 09 Feb 2024 11:06

Tgt Ion: 164 Resp: 220083  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.2 121.8  
160 43.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 131.967 ng

RT: 16.040 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

Instrument :

BNA\_P

ClientSampleId :

PB158902BL

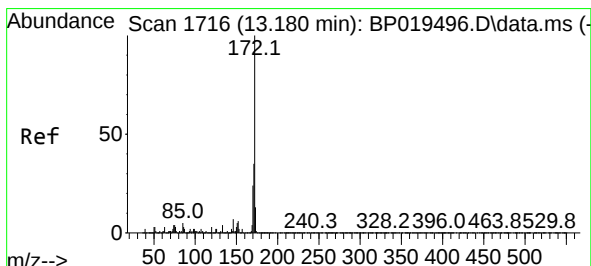
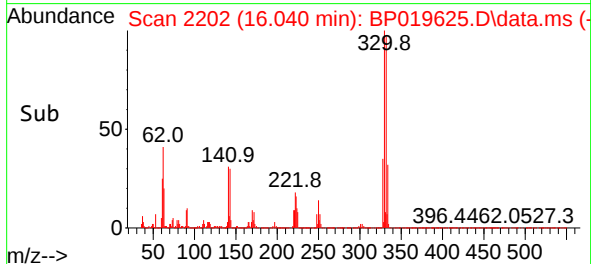
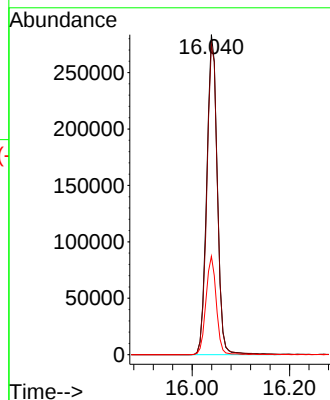
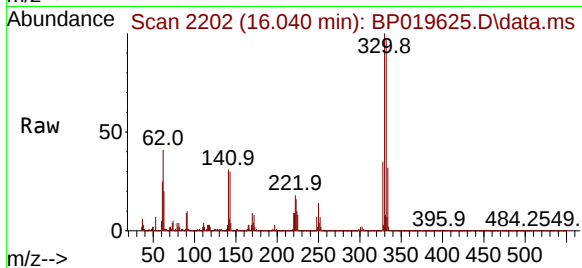
Tgt Ion:330 Resp: 424058

Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 78.727 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

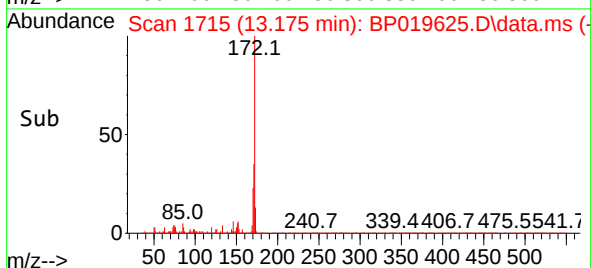
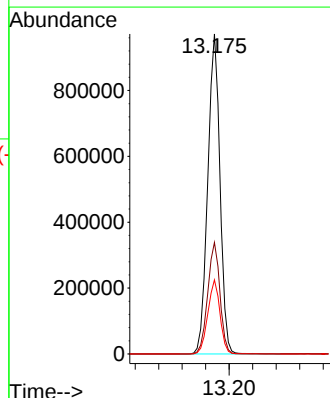
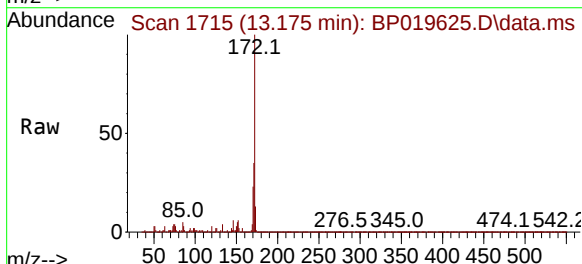
Tgt Ion:172 Resp: 1401560

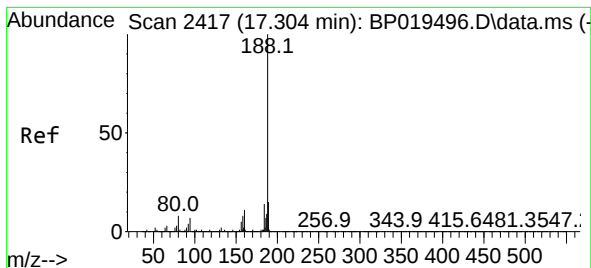
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

Instrument :

BNA\_P

ClientSampleId :

PB158902BL

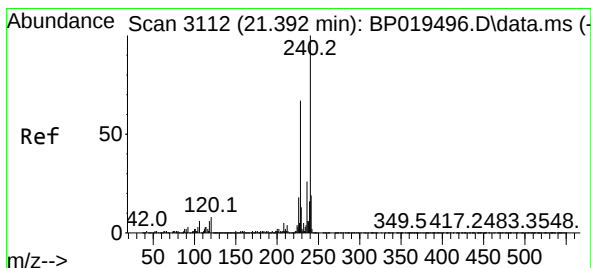
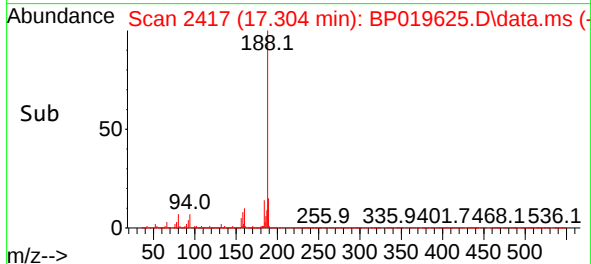
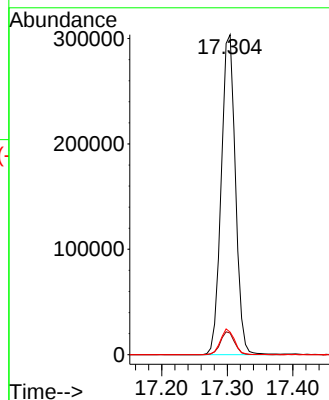
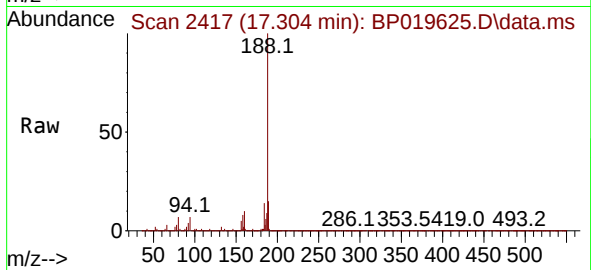
Tgt Ion:188 Resp: 454850

Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.0 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

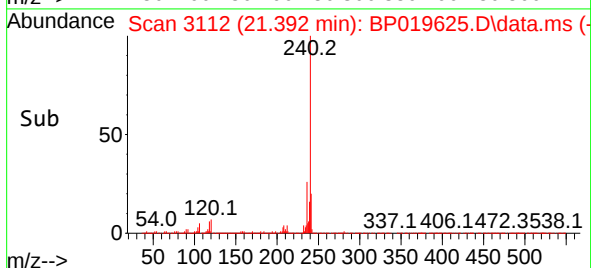
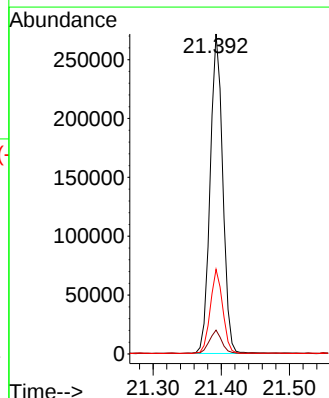
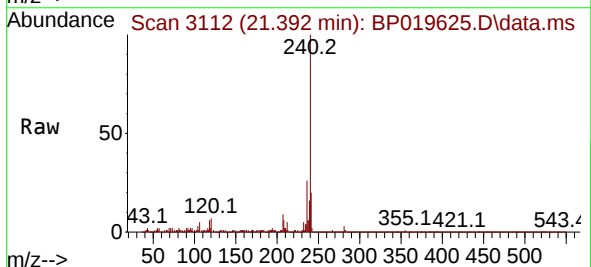
Tgt Ion:240 Resp: 349218

Ion Ratio Lower Upper

240 100

120 7.5 6.1 9.1

236 26.4 20.7 31.1





#79

Terphenyl-d14

Concen: 90.532 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

Instrument :

BNA\_P

ClientSampleId :

PB158902BL

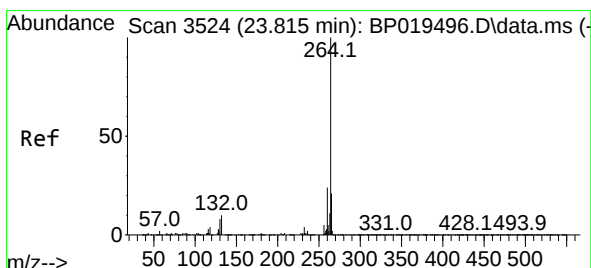
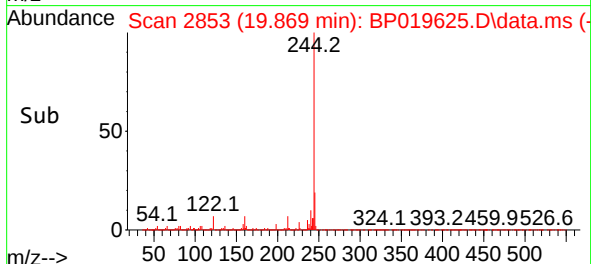
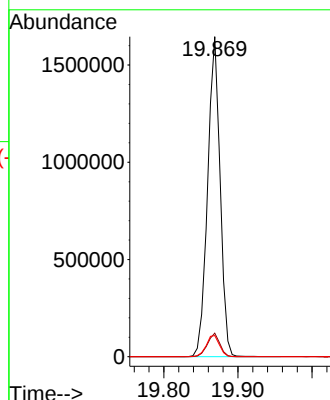
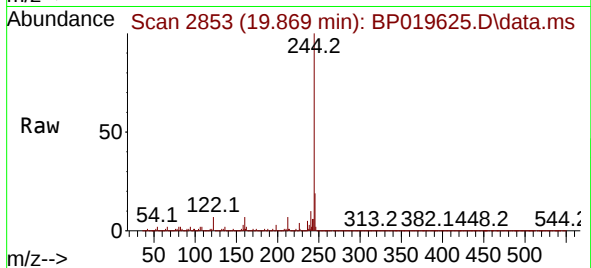
Tgt Ion:244 Resp: 1922437

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.6 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.816 min Scan# 3524

Delta R.T. 0.000 min

Lab File: BP019625.D

Acq: 09 Feb 2024 11:06

Tgt Ion:264 Resp: 435809

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.9 17.0 25.4

