

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120621\  
 Data File : BP008230.D  
 Acq On : 06 Dec 2021 15:54  
 Operator : CG/JU  
 Sample : M4927-05  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PH1-BOT-7

Quant Time: Dec 06 17:16:07 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 03 14:39:24 2021  
 Response via : Initial Calibration

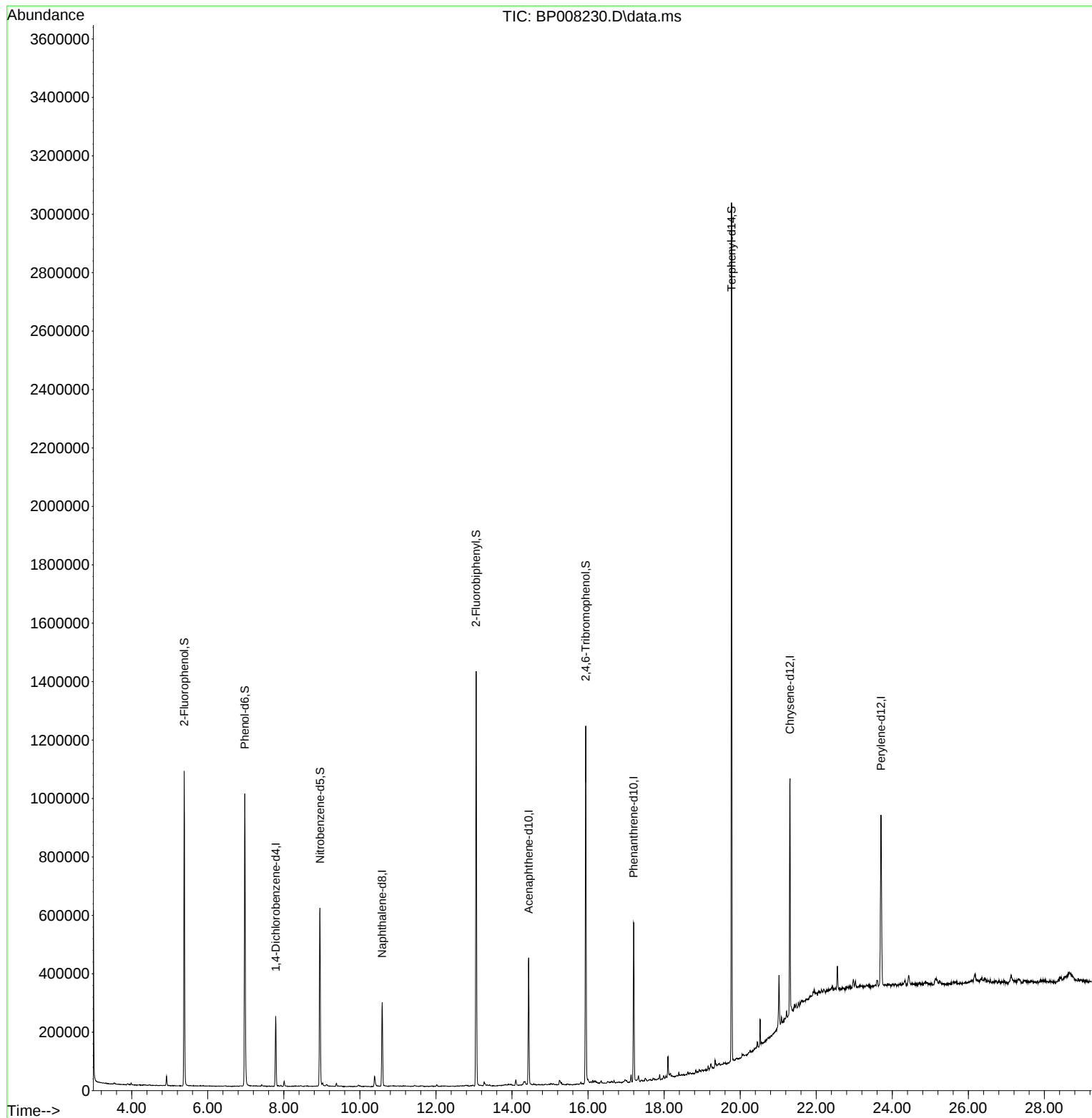
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 60366    | 20.000    | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.587 | 136  | 225662   | 20.000    | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.440 | 164  | 147919   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.198 | 188  | 330504   | 20.000    | ng    | -0.01    |
| 76) Chrysene-d12            | 21.310 | 240  | 409729   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12            | 23.704 | 264  | 468874   | 20.000    | ng    | -0.01    |
|                             |        |      |          |           |       |          |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 410008   | 109.358   | ng    | 0.00     |
| 7) Phenol-d6                | 6.975  | 99   | 544606   | 107.604   | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 8.952  | 82   | 361979   | 72.942    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.939 | 330  | 227089   | 120.111   | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.057 | 172  | 702199   | 68.955    | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.775 | 244  | 1322294  | 67.447    | ng    | 0.00     |
|                             |        |      |          |           |       |          |
| Target Compounds            |        |      |          |           |       |          |
| 9) Benzaldehyde             | 6.928  | 77   | 80       | Below Cal | #     | 42       |
| 78) Pyrene                  | 19.575 | 202  | 2782     | Below Cal | #     | 89       |
| -----                       |        |      |          |           |       |          |

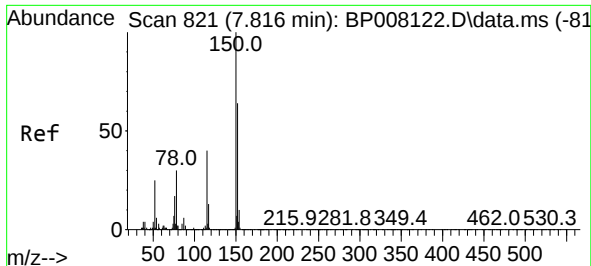
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP120621\  
Data File : BP008230.D  
Acq On : 06 Dec 2021 15:54  
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Sample : M4927-05  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Time: Dec 06 17:16:07 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP112521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 03 14:39:24 2021  
Response via : Initial Calibration

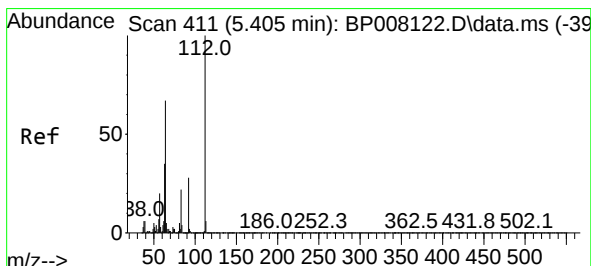
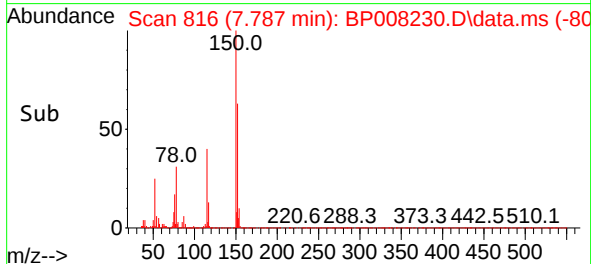
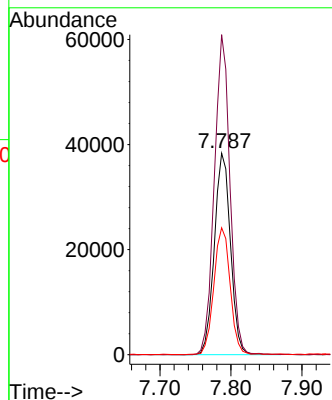
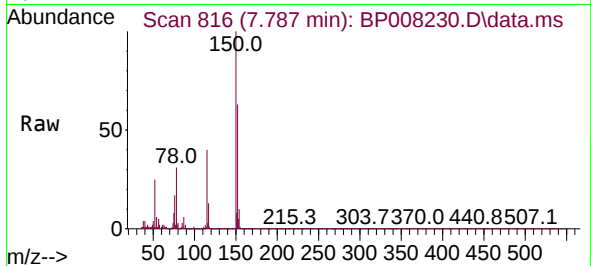




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP008230.D  
Acq: 06 Dec 2021 15:54

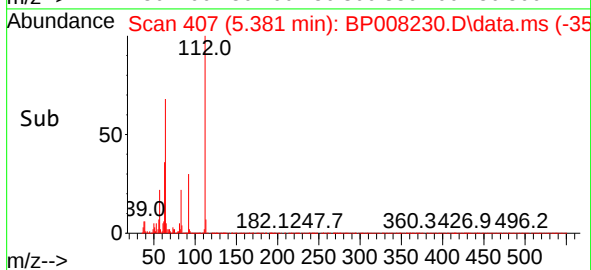
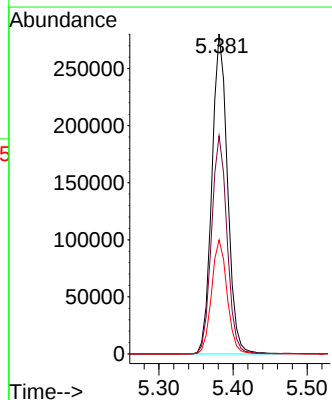
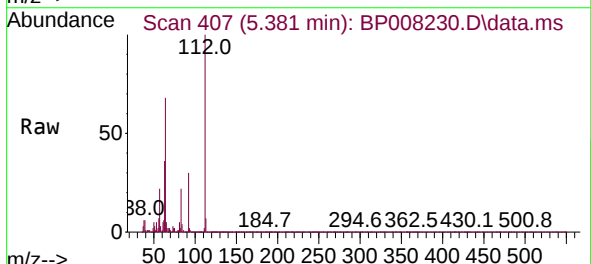
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-7

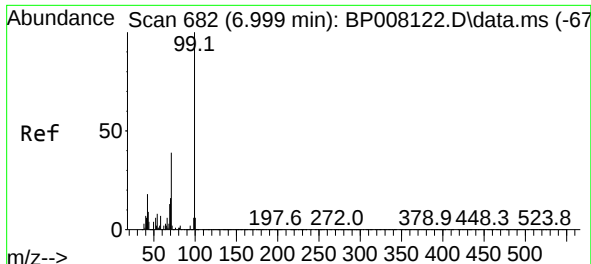
Tgt Ion:152 Resp: 60366  
Ion Ratio Lower Upper  
152 100  
150 158.9 125.7 188.5  
115 63.0 50.7 76.1



#5  
2-Fluorophenol  
Concen: 109.358 ng  
RT: 5.381 min Scan# 407  
Delta R.T. -0.006 min  
Lab File: BP008230.D  
Acq: 06 Dec 2021 15:54

Tgt Ion:112 Resp: 410008  
Ion Ratio Lower Upper  
112 100  
64 68.2 53.4 80.2  
63 35.6 27.8 41.8

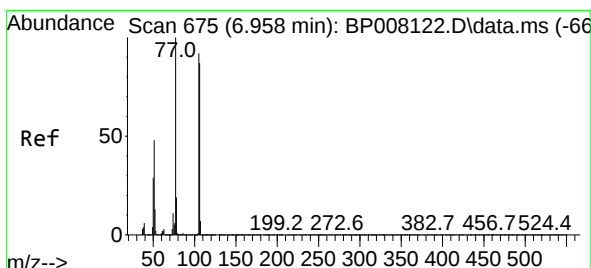
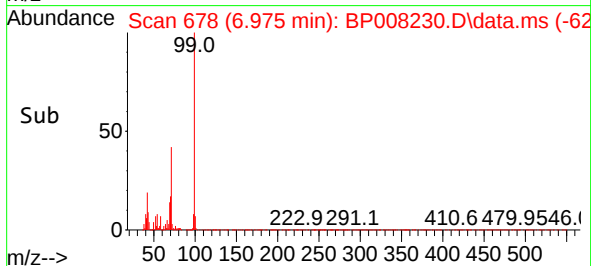
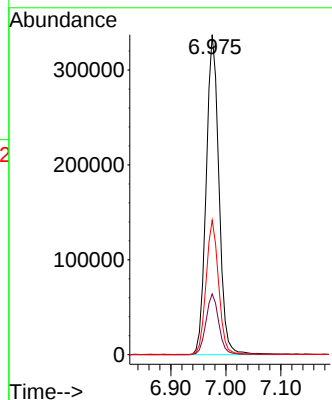
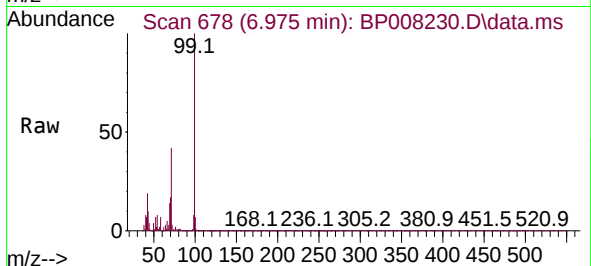




#7  
Phenol-d6  
Concen: 107.604 ng  
RT: 6.975 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP008230.D  
Acq: 06 Dec 2021 15:54

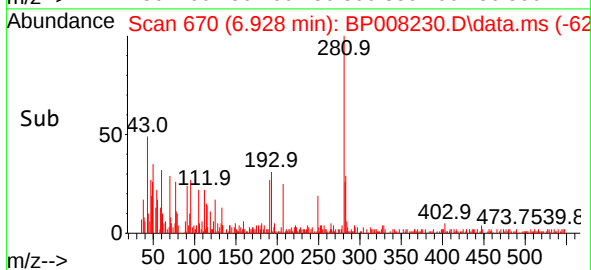
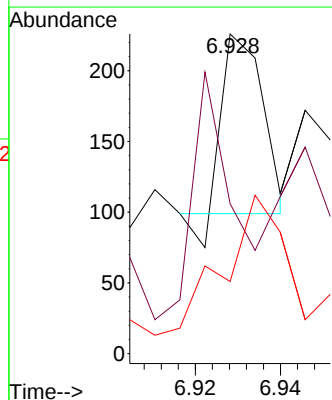
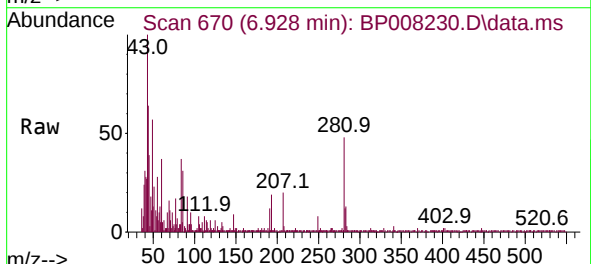
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-7

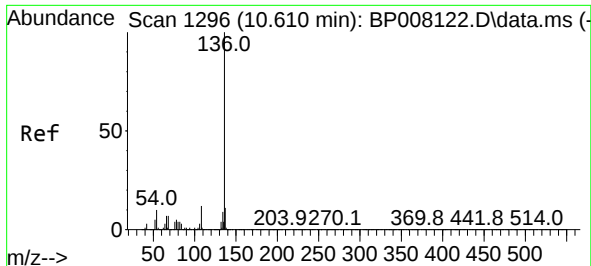
Tgt Ion: 99 Resp: 544606  
Ion Ratio Lower Upper  
99 100  
42 19.0 14.6 22.0  
71 42.1 31.1 46.7



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.928 min Scan# 670  
Delta R.T. -0.012 min  
Lab File: BP008230.D  
Acq: 06 Dec 2021 15:54

Tgt Ion: 77 Resp: 80  
Ion Ratio Lower Upper  
77 100  
105 46.9 71.8 111.8#  
106 22.6 67.3 107.3#

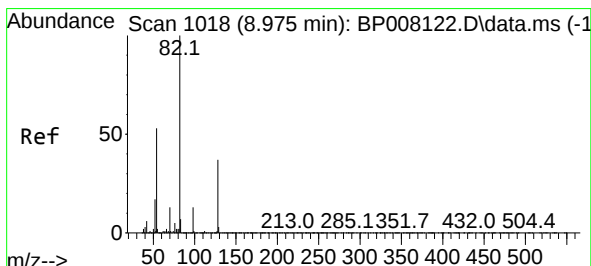
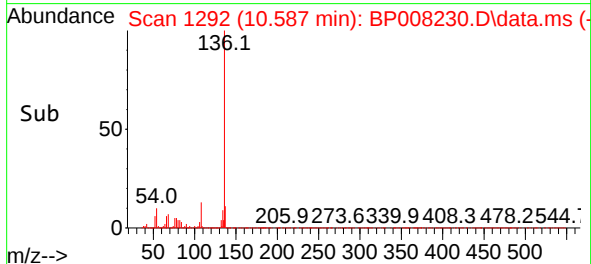
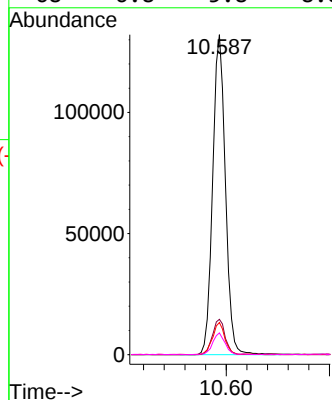
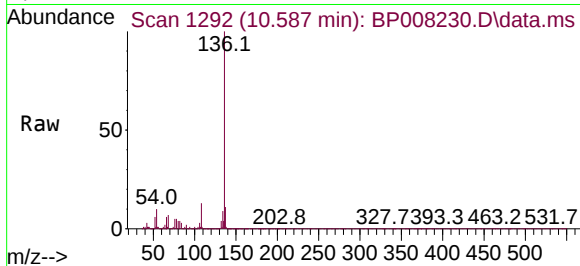




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.587 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP008230.D  
Acq: 06 Dec 2021 15:54

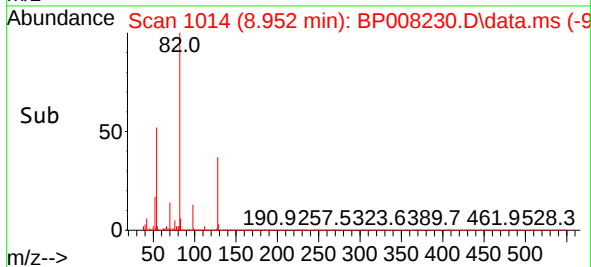
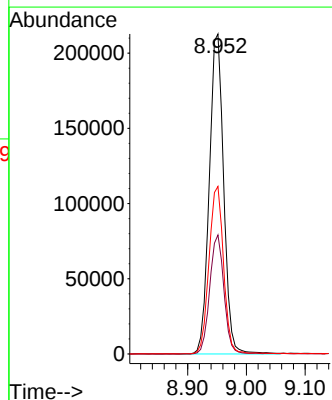
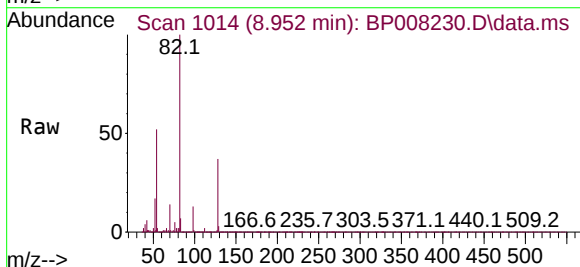
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-7

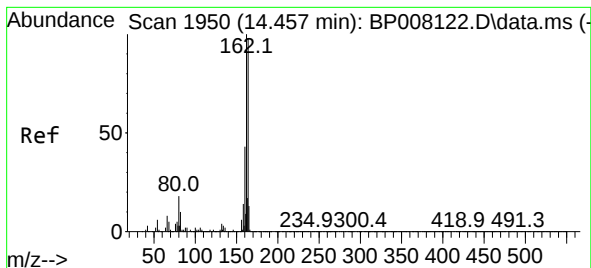
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 225662 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 9.0   | 13.6   |
| 54        | 10.1  | 8.2   | 12.4   |
| 68        | 6.8   | 5.8   | 8.8    |



#23  
Nitrobenzene-d5  
Concen: 72.942 ng  
RT: 8.952 min Scan# 1014  
Delta R.T. -0.012 min  
Lab File: BP008230.D  
Acq: 06 Dec 2021 15:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 361979 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 37.2  | 29.6  | 44.4   |
| 54        | 52.4  | 42.7  | 64.1   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.440 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BP008230.D

Acq: 06 Dec 2021 15:54

Instrument :

BNA\_P

ClientSampleId :

PH1-BOT-7

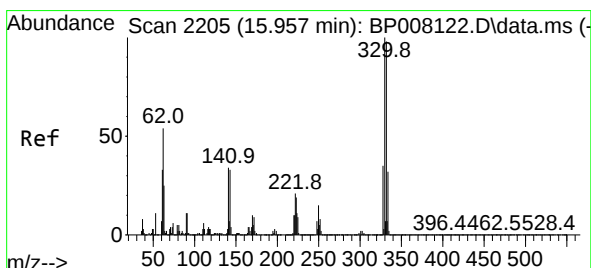
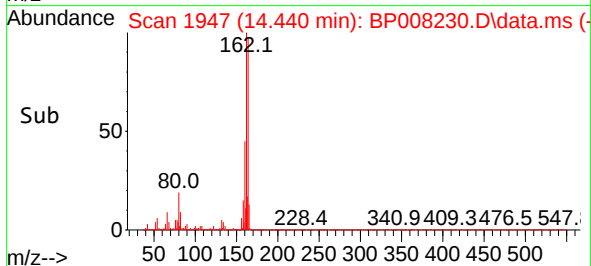
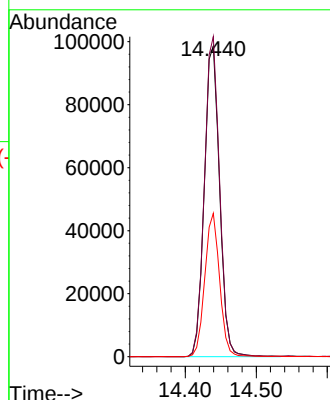
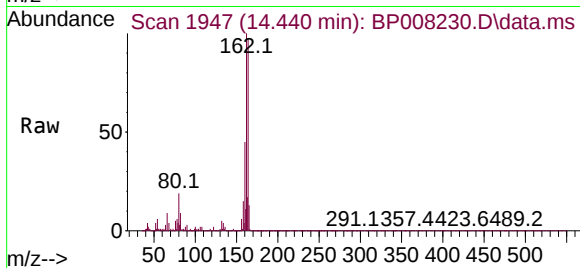
Tgt Ion:164 Resp: 147919

Ion Ratio Lower Upper

164 100

162 103.0 81.9 122.9

160 46.1 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 120.111 ng

RT: 15.939 min Scan# 2202

Delta R.T. -0.012 min

Lab File: BP008230.D

Acq: 06 Dec 2021 15:54

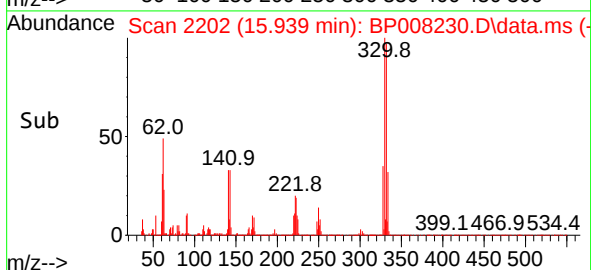
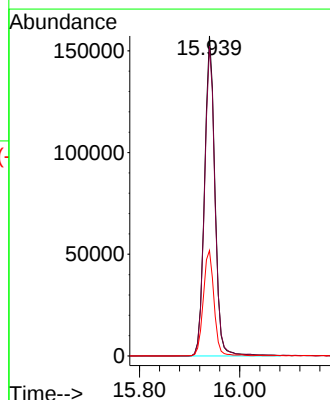
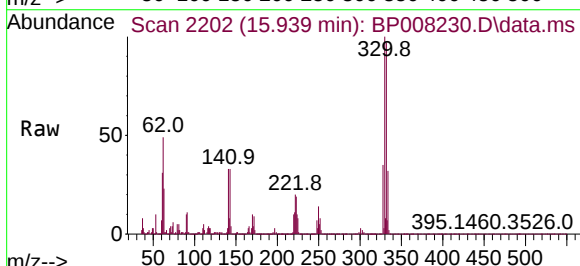
Tgt Ion:330 Resp: 227089

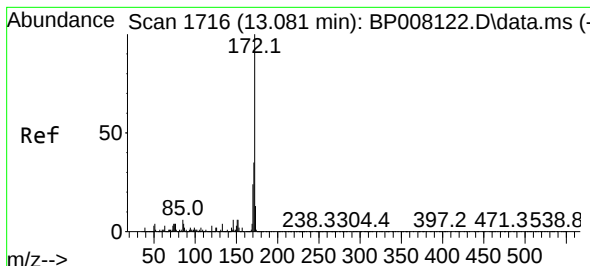
Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.4

141 34.0 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 68.955 ng

RT: 13.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008230.D

Acq: 06 Dec 2021 15:54

Instrument :

BNA\_P

ClientSampleId :

PH1-BOT-7

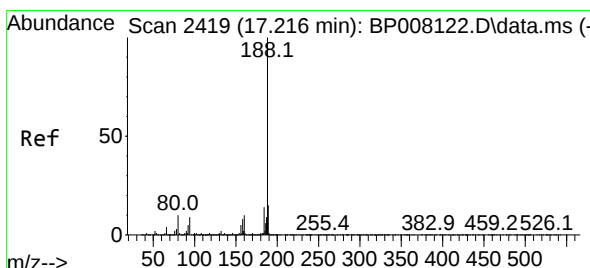
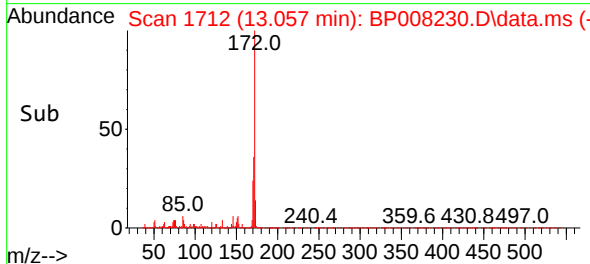
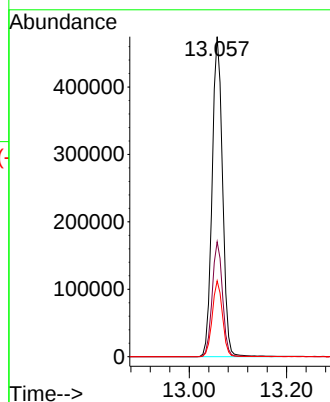
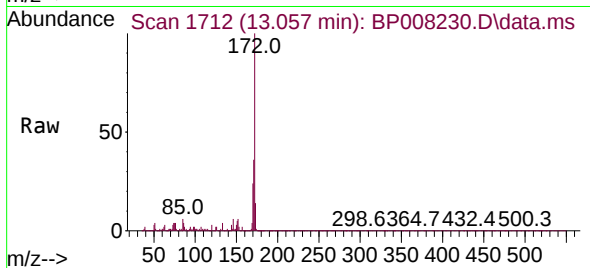
Tgt Ion:172 Resp: 702199

Ion Ratio Lower Upper

172 100

171 35.9 28.0 42.0

170 23.7 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.012 min

Lab File: BP008230.D

Acq: 06 Dec 2021 15:54

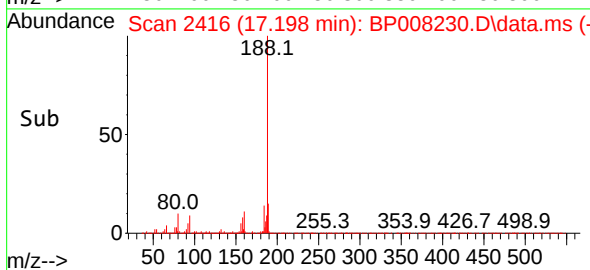
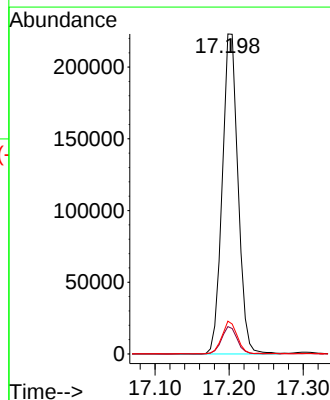
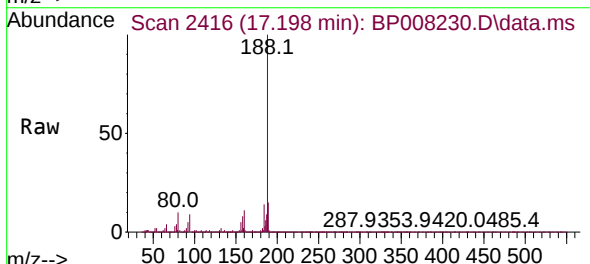
Tgt Ion:188 Resp: 330504

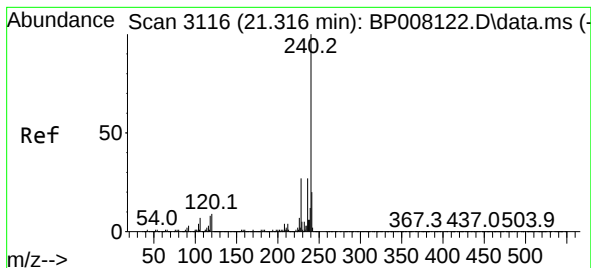
Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 10.3 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP008230.D

Acq: 06 Dec 2021 15:54

Instrument :

BNA\_P

ClientSampleId :

PH1-BOT-7

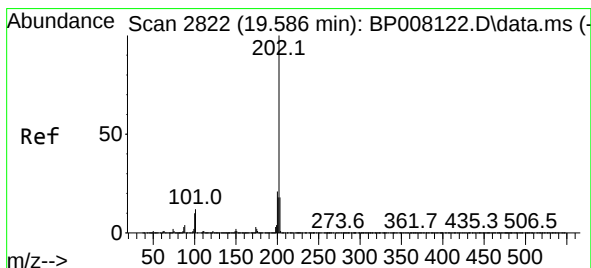
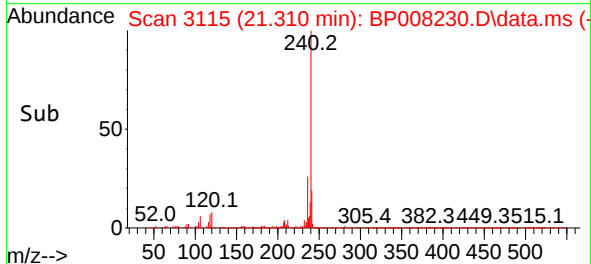
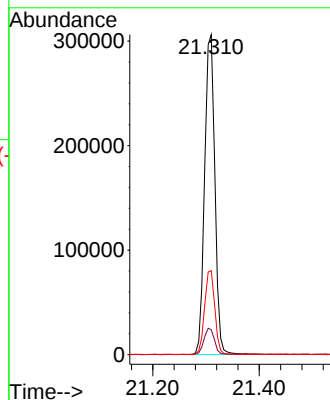
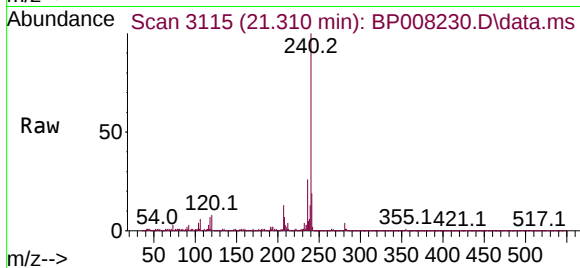
Tgt Ion:240 Resp: 409729

Ion Ratio Lower Upper

240 100

120 7.8 7.3 10.9

236 26.3 21.4 32.2



#78

Pyrene

Concen: Below Cal

RT: 19.575 min Scan# 2820

Delta R.T. -0.012 min

Lab File: BP008230.D

Acq: 06 Dec 2021 15:54

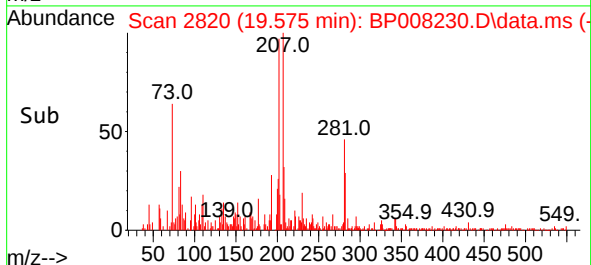
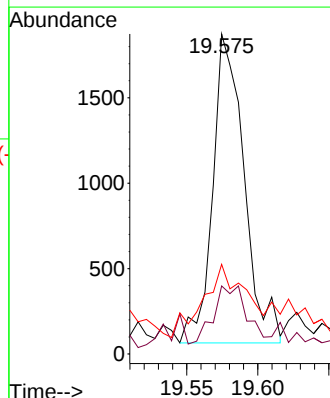
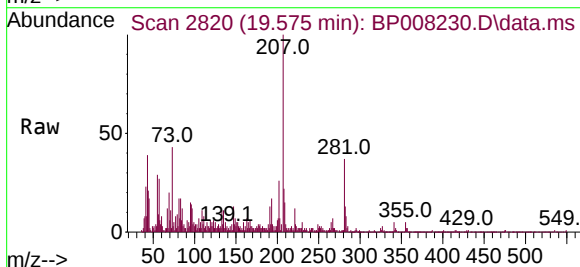
Tgt Ion:202 Resp: 2782

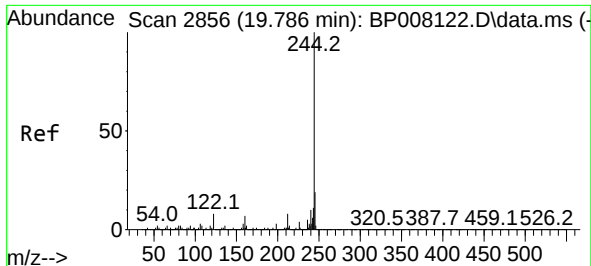
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 28.0 14.2 21.2#

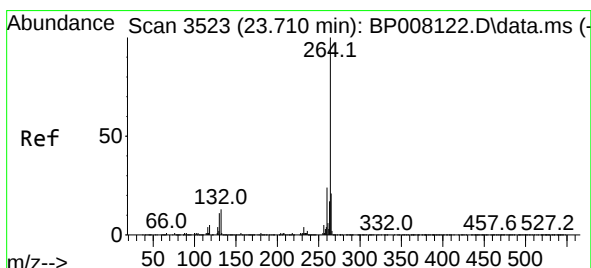
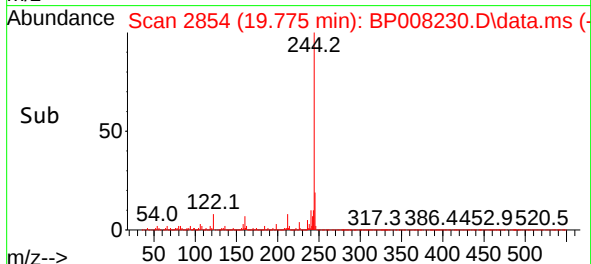
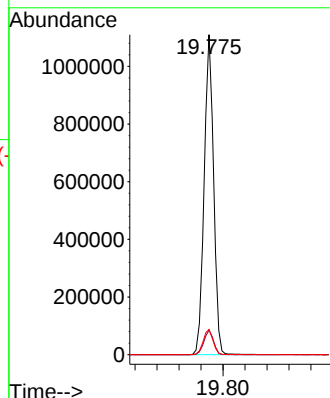
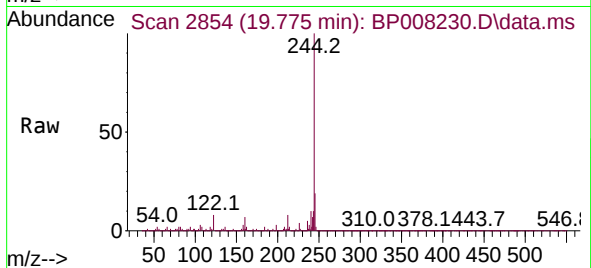




#79  
 Terphenyl-d14  
 Concen: 67.447 ng  
 RT: 19.775 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP008230.D  
 Acq: 06 Dec 2021 15:54

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PH1-BOT-7

Tgt Ion:244 Resp: 1322294  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.0 9.0  
 122 7.9 6.6 9.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.704 min Scan# 3522  
 Delta R.T. -0.012 min  
 Lab File: BP008230.D  
 Acq: 06 Dec 2021 15:54

Tgt Ion:264 Resp: 468874  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.4 29.2  
 265 22.5 17.6 26.4

