

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP022823\  
 Data File : BP013897.D  
 Acq On : 28 Feb 2023 19:30  
 Operator : CG/JU  
 Sample : 01723-29  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 HH-CON-15

Quant Time: Mar 01 03:47:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 24 16:57:00 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.099  | 152  | 118199   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.922 | 136  | 415171   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.734 | 164  | 257943   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.487 | 188  | 611430   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.563 | 240  | 692962   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 24.110 | 264  | 840215   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.634  | 112  | 219732   | 30.638 | ng    | 0.00     |
| 7) Phenol-d6                | 7.246  | 99   | 638322   | 69.495 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.269  | 82   | 556965   | 72.443 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.222 | 330  | 61093    | 16.271 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.357 | 172  | 1291310  | 65.755 | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.022 | 244  | 2555556  | 70.954 | ng    | 0.00     |

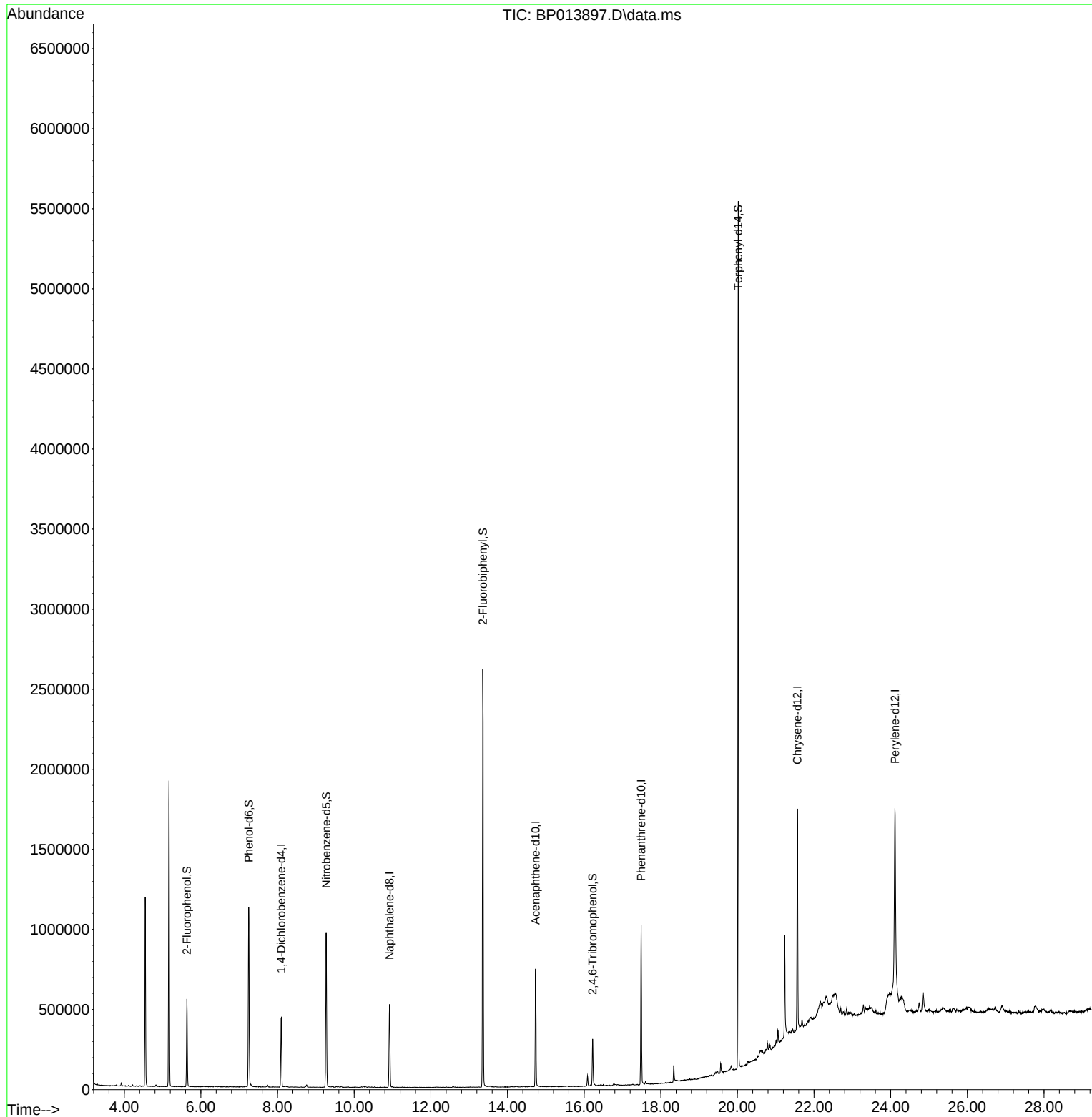
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

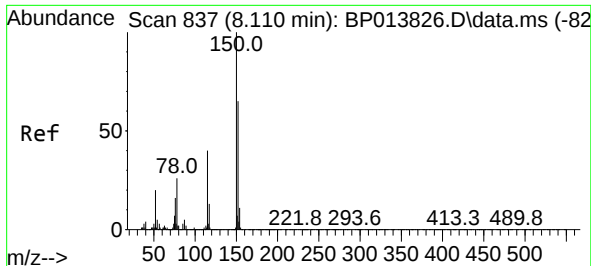
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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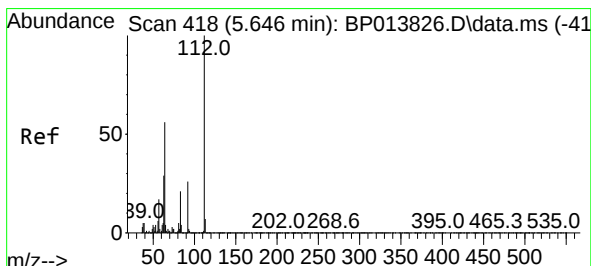
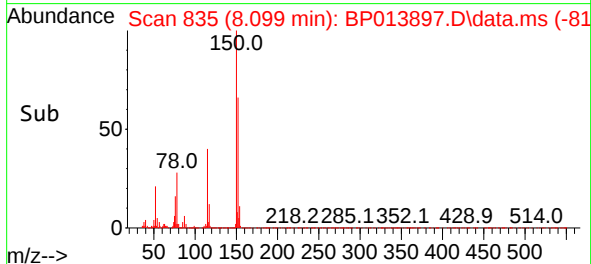
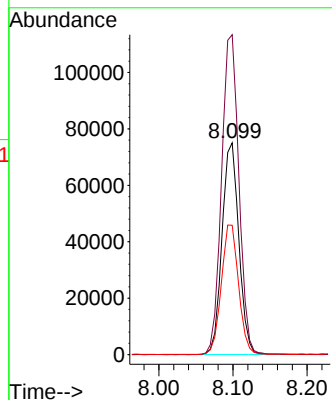
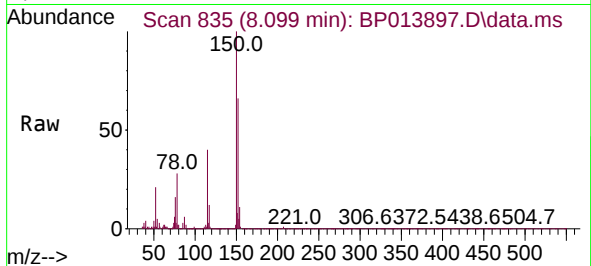




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.099 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BP013897.D  
Acq: 28 Feb 2023 19:30

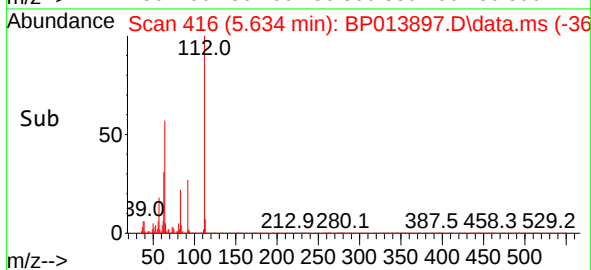
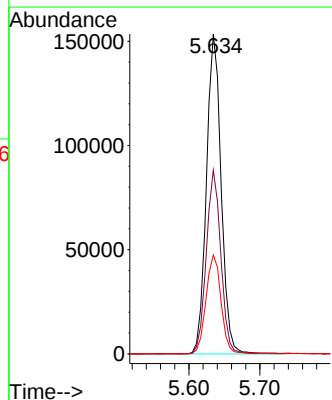
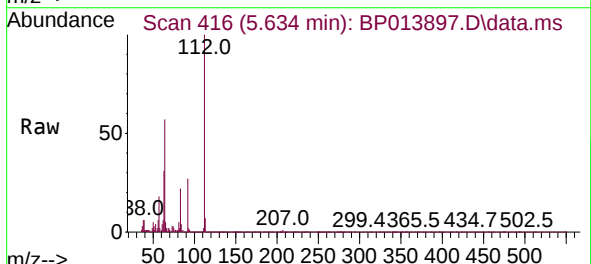
Instrument :  
BNA\_P  
ClientSampleId :  
HH-CON-15

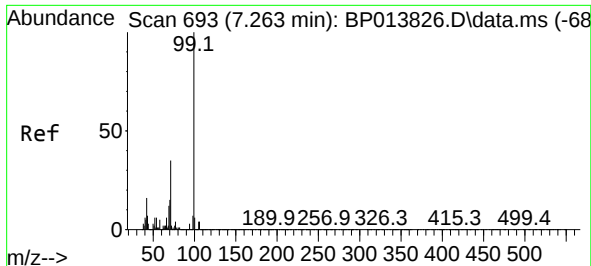
Tgt Ion:152 Resp: 118199  
Ion Ratio Lower Upper  
152 100  
150 151.1 122.8 184.2  
115 61.1 49.0 73.6



#5  
2-Fluorophenol  
Concen: 30.638 ng  
RT: 5.634 min Scan# 416  
Delta R.T. -0.006 min  
Lab File: BP013897.D  
Acq: 28 Feb 2023 19:30

Tgt Ion:112 Resp: 219732  
Ion Ratio Lower Upper  
112 100  
64 57.5 44.6 66.8  
63 30.9 23.6 35.4

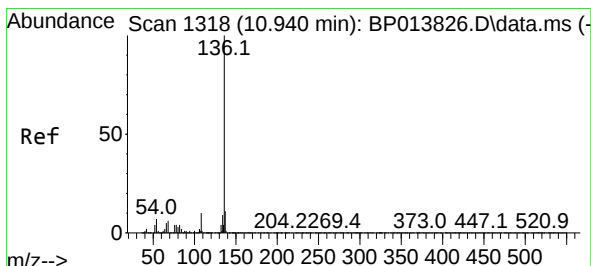
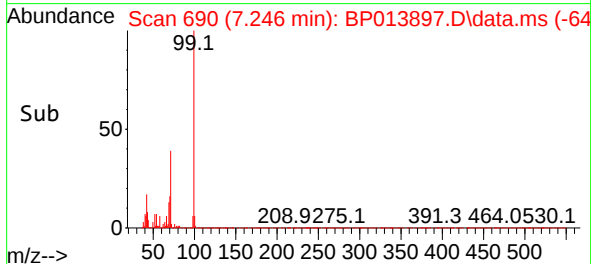
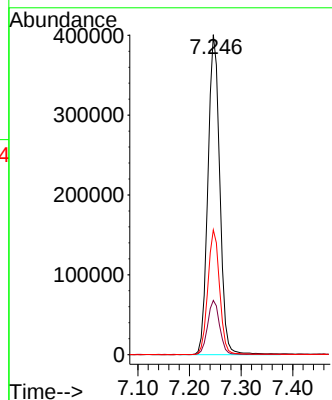
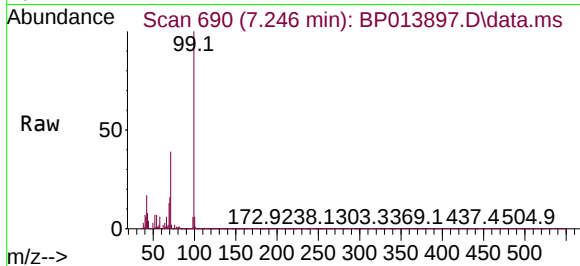




#7  
Phenol-d6  
Concen: 69.495 ng  
RT: 7.246 min Scan# 69  
Delta R.T. -0.006 min  
Lab File: BP013897.D  
Acq: 28 Feb 2023 19:30

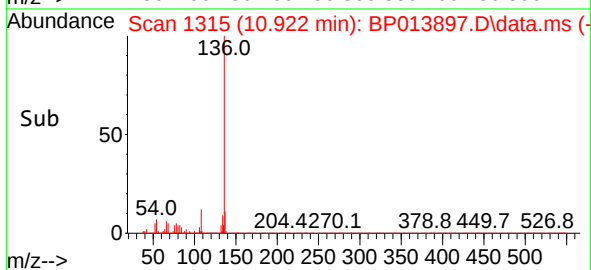
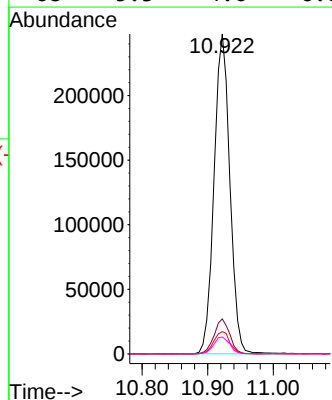
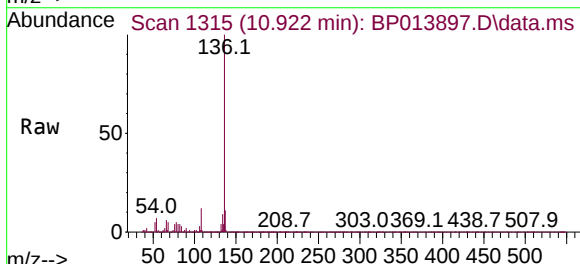
Instrument :  
BNA\_P  
ClientSampleId :  
HH-CON-15

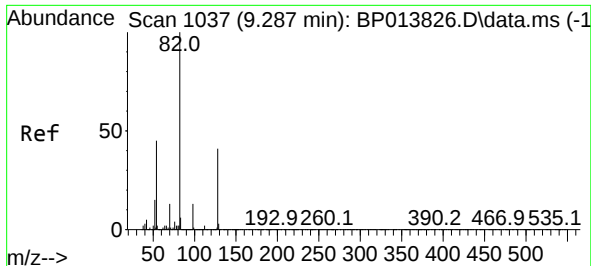
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 638322 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 16.9  | 12.5  | 18.7   |
| 71       | 39.0  | 27.8  | 41.8   |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.922 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BP013897.D  
Acq: 28 Feb 2023 19:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 415171 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.5   | 12.7   |
| 54       | 7.0   | 5.8   | 8.6    |
| 68       | 5.3   | 4.6   | 6.8    |

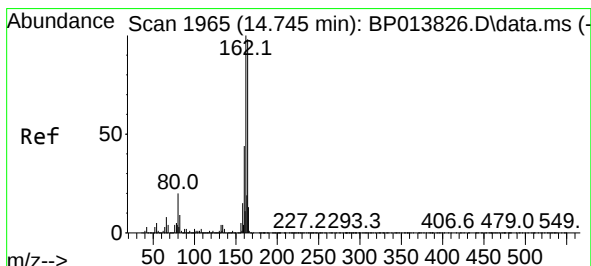
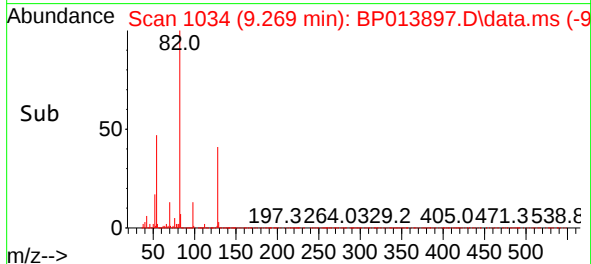
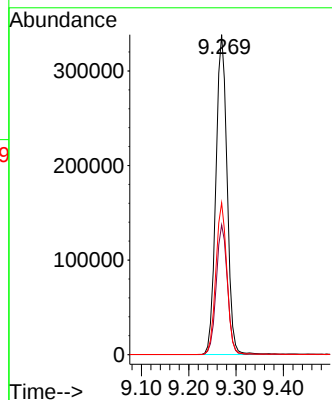
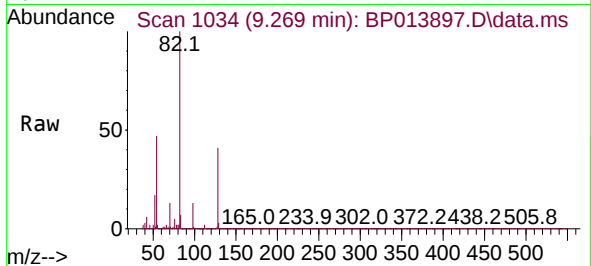




#23  
Nitrobenzene-d5  
Concen: 72.443 ng  
RT: 9.269 min Scan# 1034  
Delta R.T. -0.011 min  
Lab File: BP013897.D  
Acq: 28 Feb 2023 19:30

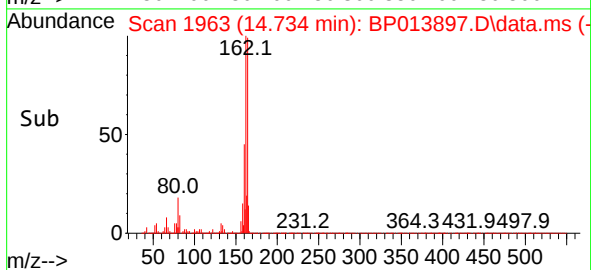
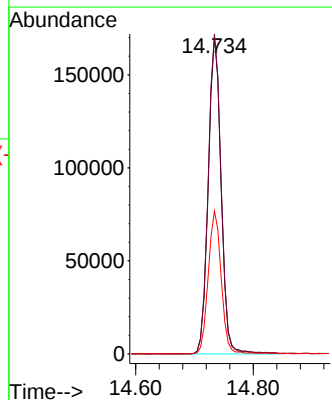
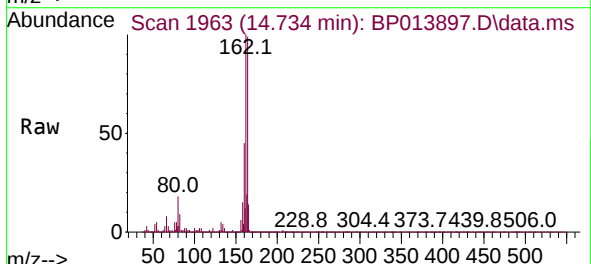
Instrument :  
BNA\_P  
ClientSampleId :  
HH-CON-15

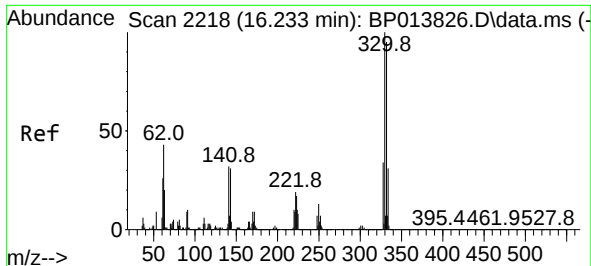
Tgt Ion: 82 Resp: 556965  
Ion Ratio Lower Upper  
82 100  
128 40.5 32.9 49.3  
54 47.4 35.6 53.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.734 min Scan# 1963  
Delta R.T. -0.006 min  
Lab File: BP013897.D  
Acq: 28 Feb 2023 19:30

Tgt Ion: 164 Resp: 257943  
Ion Ratio Lower Upper  
164 100  
162 100.8 81.7 122.5  
160 45.0 36.1 54.1

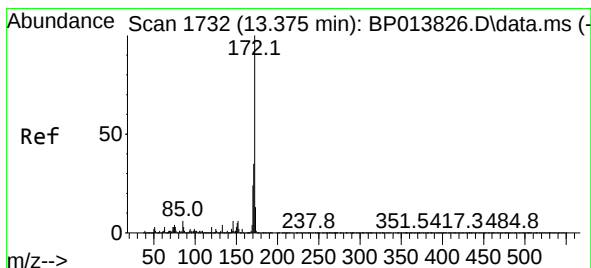
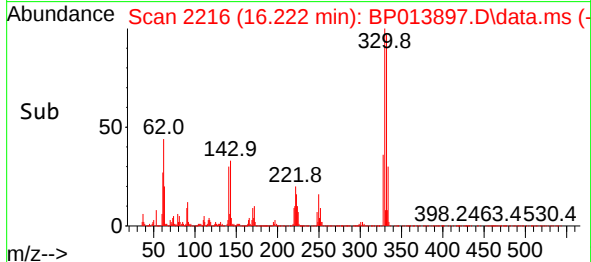
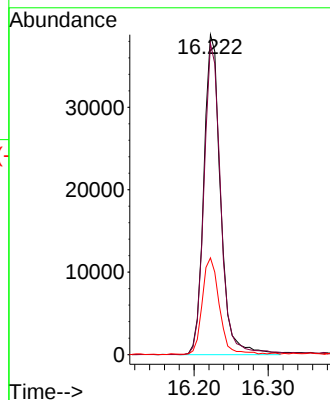
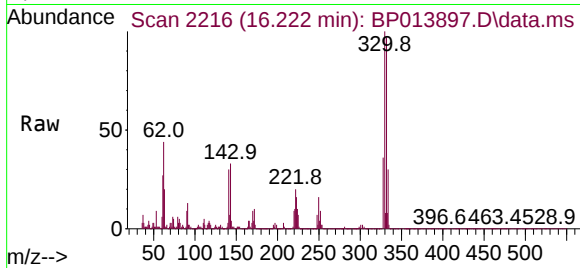




#42  
2,4,6-Tribromophenol  
Concen: 16.271 ng  
RT: 16.222 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP013897.D  
Acq: 28 Feb 2023 19:30

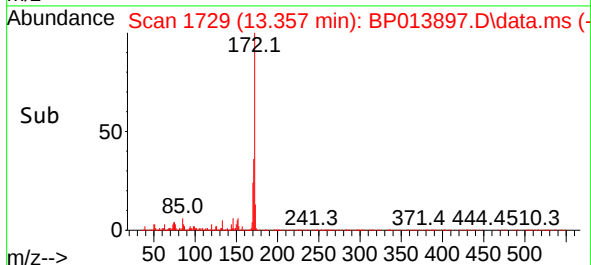
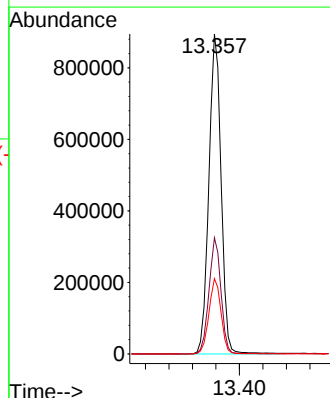
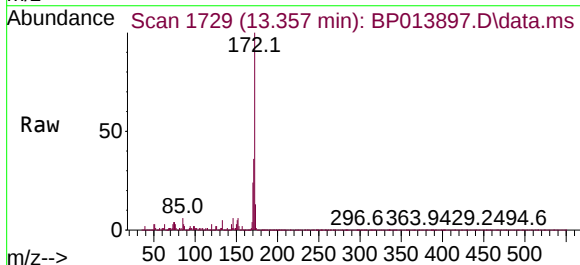
Instrument :  
BNA\_P  
ClientSampleId :  
HH-CON-15

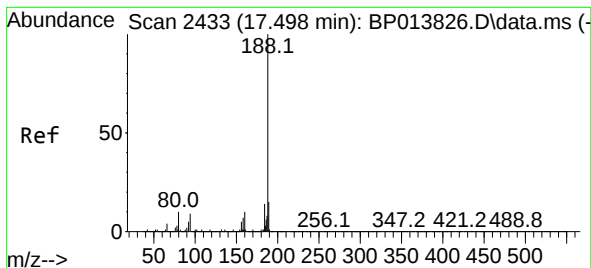
Tgt Ion:330 Resp: 61093  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.7 115.1  
141 30.3 25.1 37.7



#45  
2-Fluorobiphenyl  
Concen: 65.755 ng  
RT: 13.357 min Scan# 1729  
Delta R.T. -0.011 min  
Lab File: BP013897.D  
Acq: 28 Feb 2023 19:30

Tgt Ion:172 Resp: 1291310  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.2 42.4  
170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.487 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP013897.D

Acq: 28 Feb 2023 19:30

Instrument :

BNA\_P

ClientSampleId :

HH-CON-15

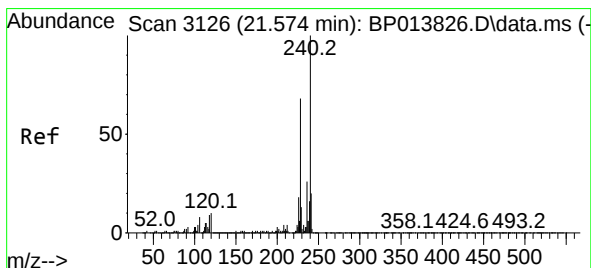
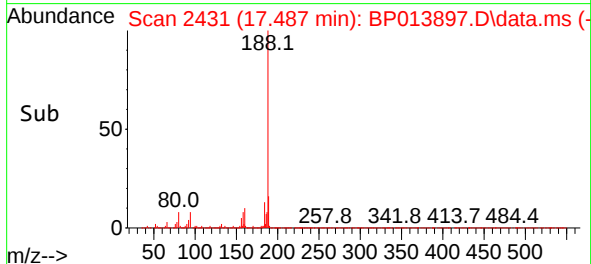
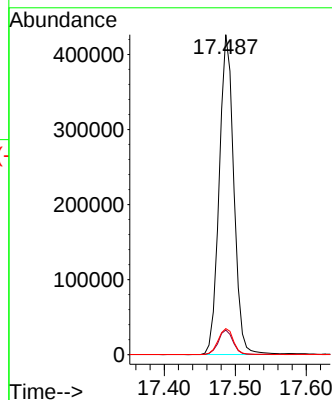
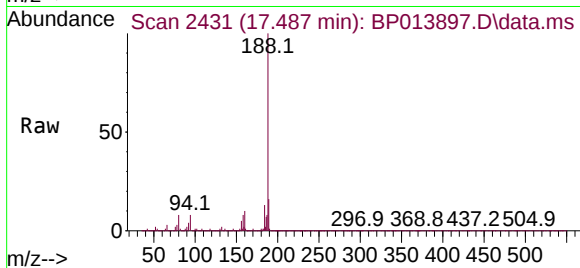
Tgt Ion:188 Resp: 611430

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.2 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.563 min Scan# 3124

Delta R.T. -0.012 min

Lab File: BP013897.D

Acq: 28 Feb 2023 19:30

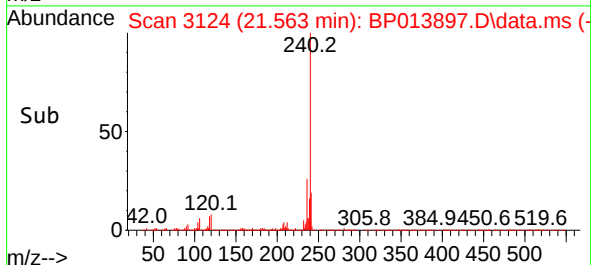
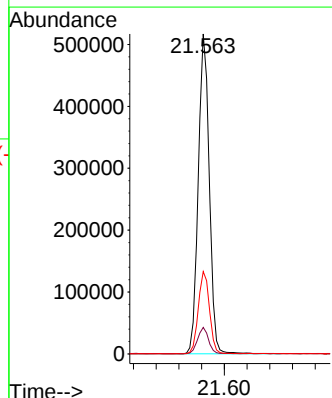
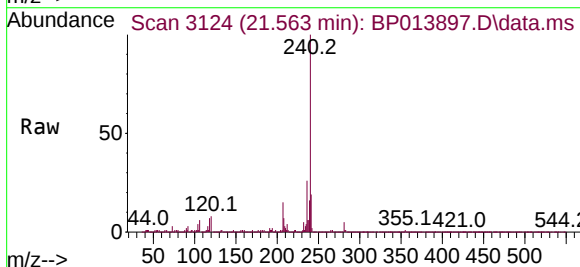
Tgt Ion:240 Resp: 692962

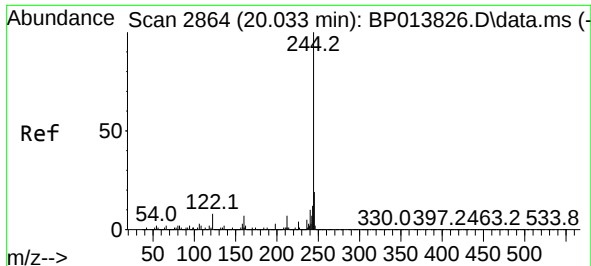
Ion Ratio Lower Upper

240 100

120 8.3 7.9 11.9

236 25.7 20.9 31.3

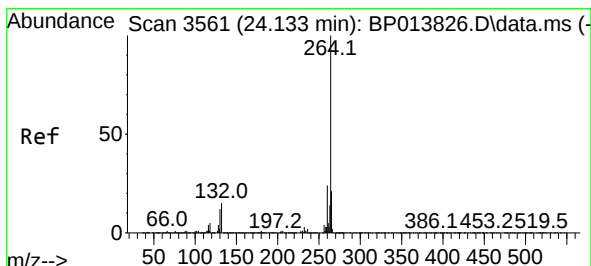
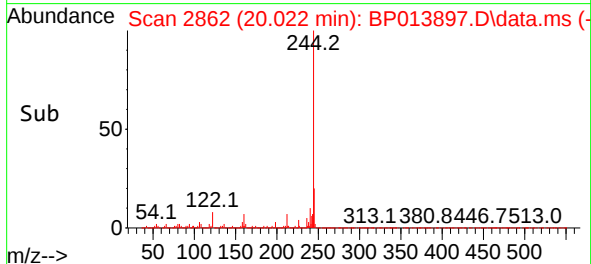
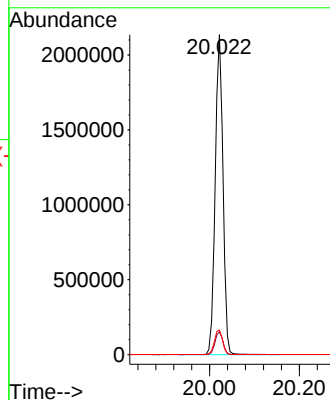
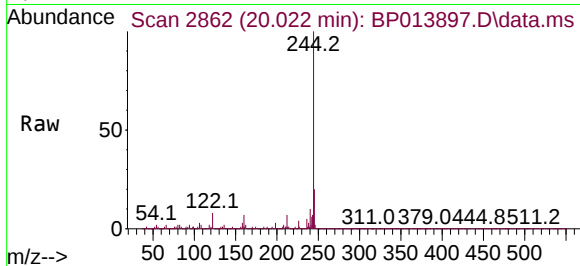




#79  
 Terphenyl-d14  
 Concen: 70.954 ng  
 RT: 20.022 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP013897.D  
 Acq: 28 Feb 2023 19:30

Instrument :  
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 HH-CON-15

Tgt Ion:244 Resp: 2555556  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.8 8.6  
 122 7.7 6.7 10.1



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.110 min Scan# 3557  
 Delta R.T. -0.012 min  
 Lab File: BP013897.D  
 Acq: 28 Feb 2023 19:30

Tgt Ion:264 Resp: 840215  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.4 29.0  
 265 22.5 17.6 26.4

