

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
 Data File : BP008421.D  
 Acq On : 15 Dec 2021 17:30  
 Operator : CG/JU  
 Sample : M5017-19  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP2

Quant Time: Dec 15 18:00:53 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP121421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 14 17:59:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 50661    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.540 | 136  | 179504   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.398 | 164  | 116219   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.157 | 188  | 242098   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.263 | 240  | 296350   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.633 | 264  | 355887   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 333165   | 103.856 | ng    | 0.00     |
| 7) Phenol-d6                | 6.940  | 99   | 411918   | 95.607  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.905  | 82   | 278563   | 65.744  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.898 | 330  | 167997   | 98.363  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.010 | 172  | 549648   | 60.120  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.733 | 244  | 927441   | 54.466  | ng    | 0.00     |

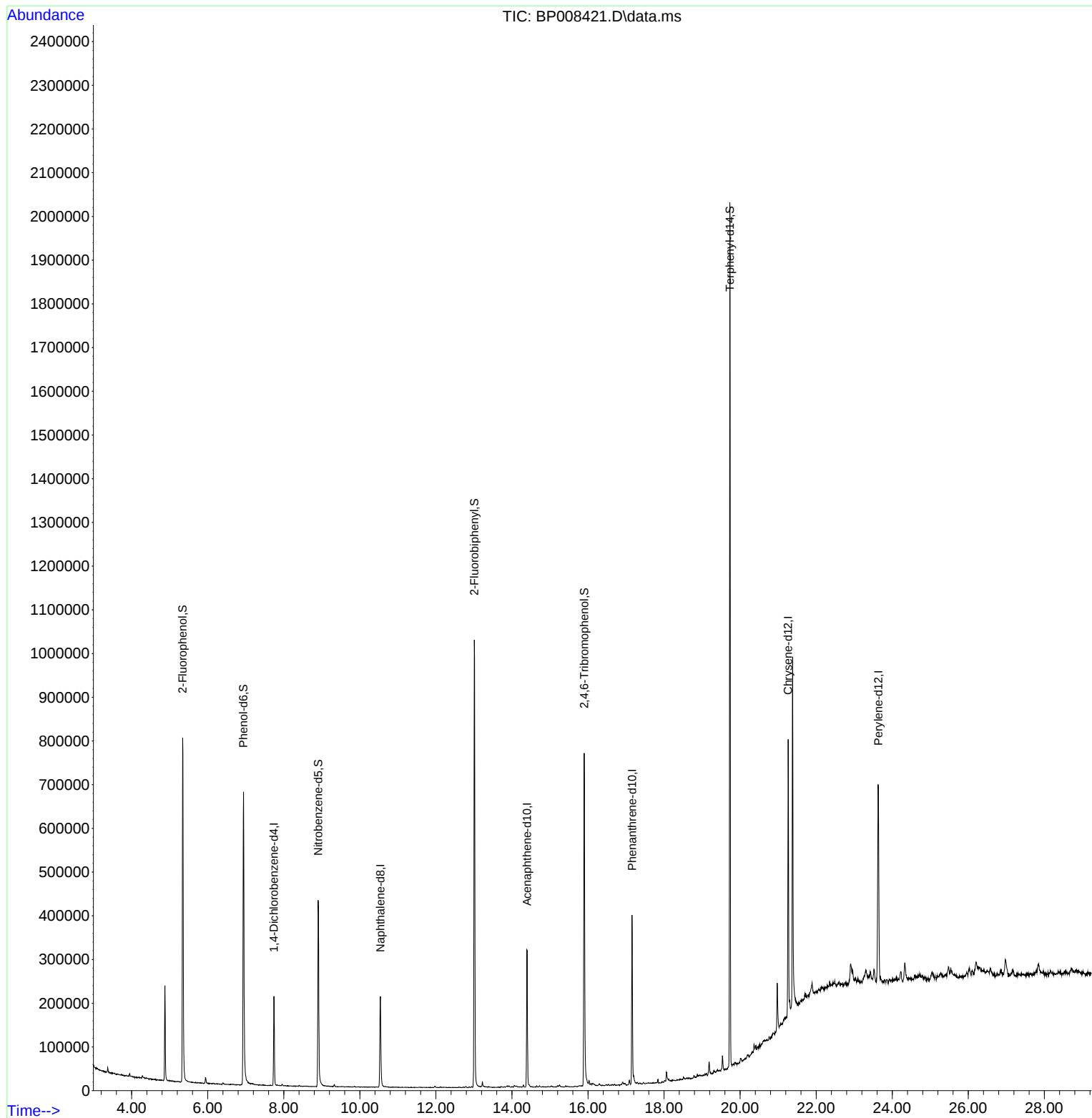
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

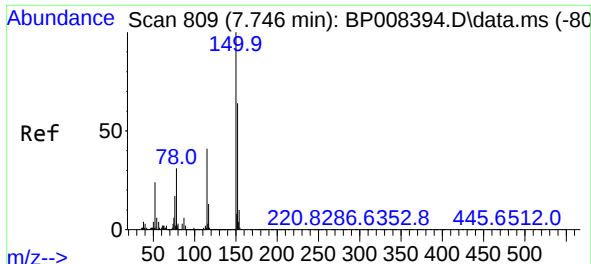
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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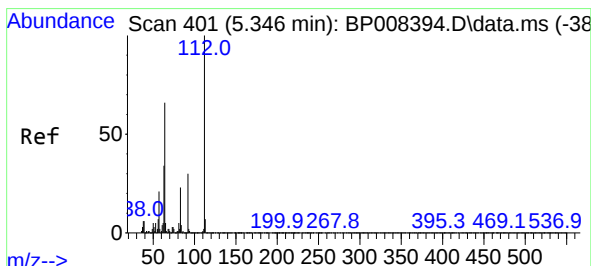
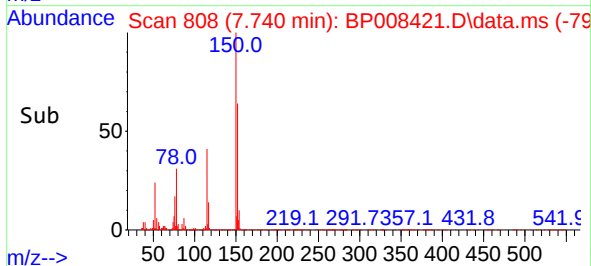
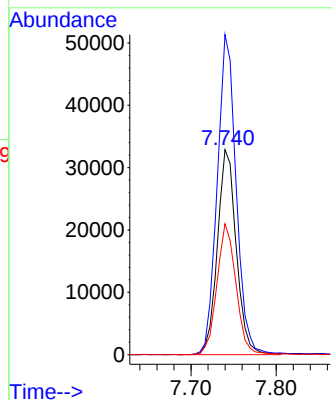
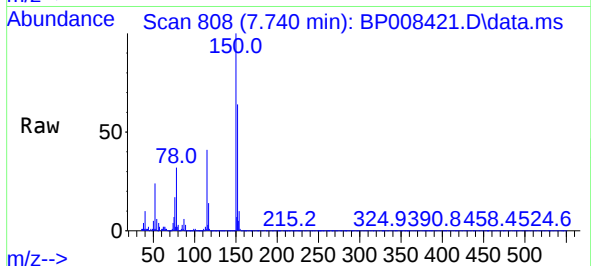




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BP008421.D  
Acq: 15 Dec 2021 17:30

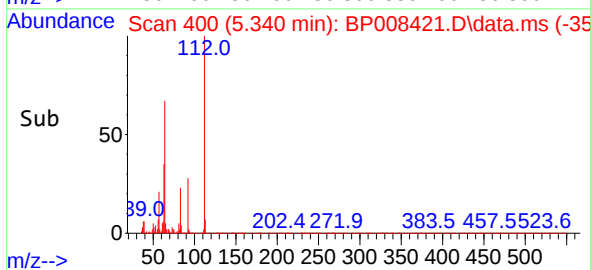
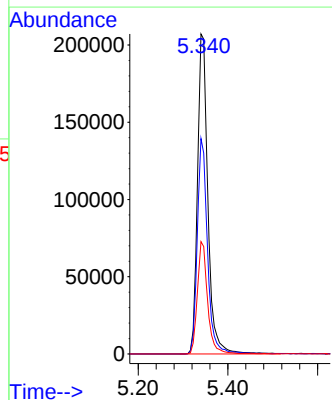
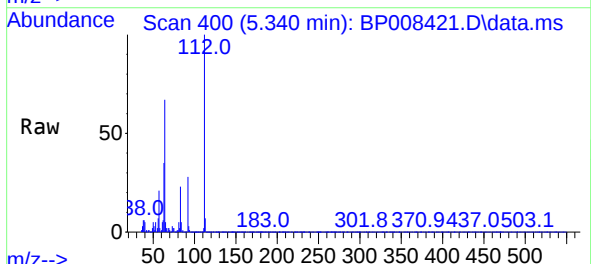
Instrument :  
BNA\_P  
ClientSampleId :  
TP2

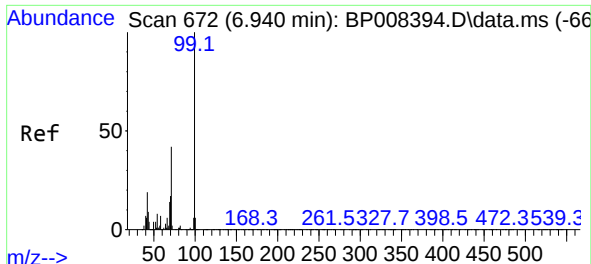
Tgt Ion:152 Resp: 50661  
Ion Ratio Lower Upper  
152 100  
150 156.1 125.7 188.5  
115 63.9 50.7 76.1



#5  
2-Fluorophenol  
Concen: 103.856 ng  
RT: 5.340 min Scan# 400  
Delta R.T. -0.006 min  
Lab File: BP008421.D  
Acq: 15 Dec 2021 17:30

Tgt Ion:112 Resp: 333165  
Ion Ratio Lower Upper  
112 100  
64 67.3 53.4 80.2  
63 35.1 27.8 41.8

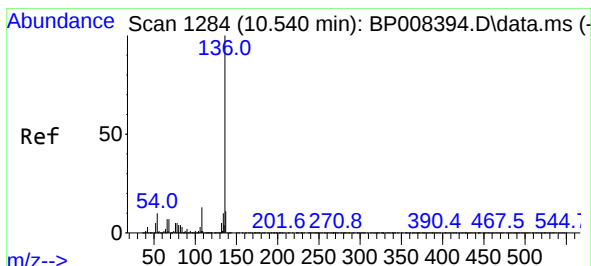
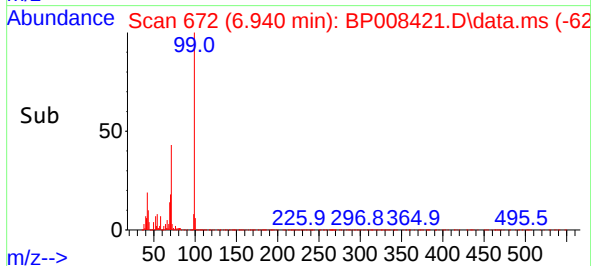
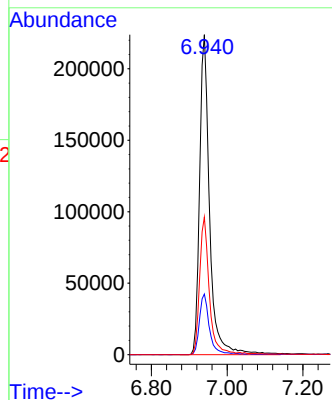
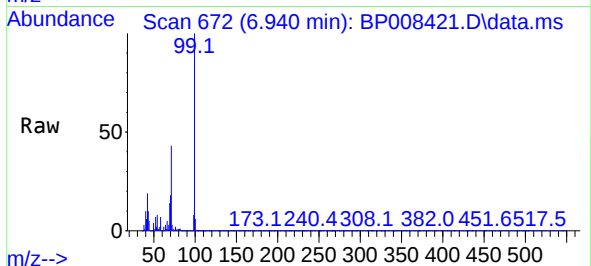




#7  
Phenol-d6  
Concen: 95.607 ng  
RT: 6.940 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP008421.D  
Acq: 15 Dec 2021 17:30

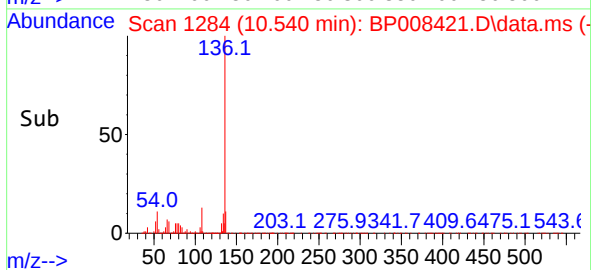
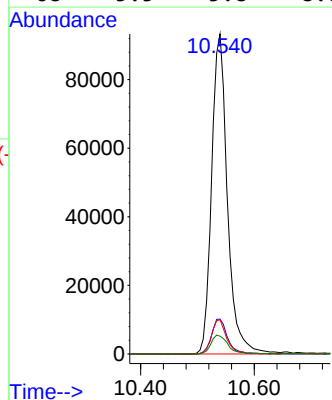
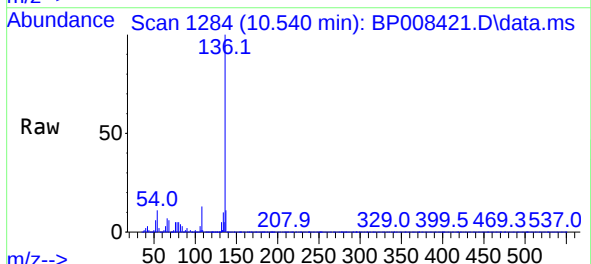
Instrument :  
BNA\_P  
ClientSampleId :  
TP2

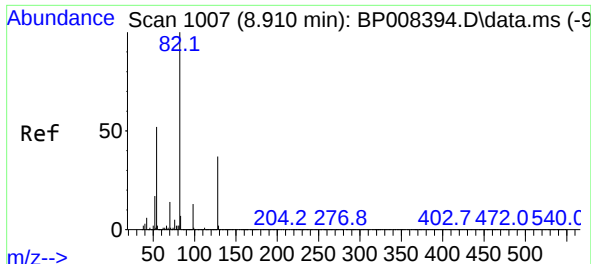
Tgt Ion: 99 Resp: 411918  
Ion Ratio Lower Upper  
99 100  
42 19.0 14.6 22.0  
71 43.0 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.540 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BP008421.D  
Acq: 15 Dec 2021 17:30

Tgt Ion: 136 Resp: 179504  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.0 13.6  
54 10.7 8.2 12.4  
68 5.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 65.744 ng

RT: 8.905 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008421.D

Acq: 15 Dec 2021 17:30

Instrument :

BNA\_P

ClientSampleId :

TP2

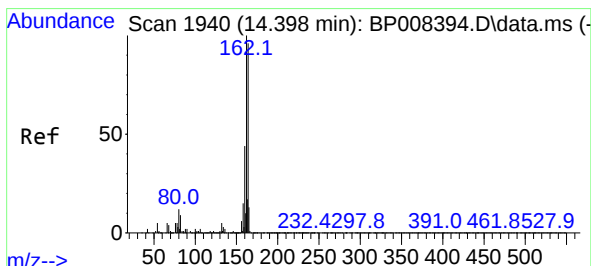
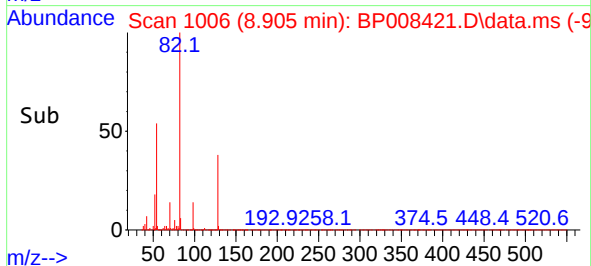
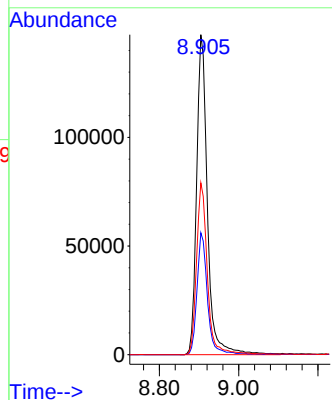
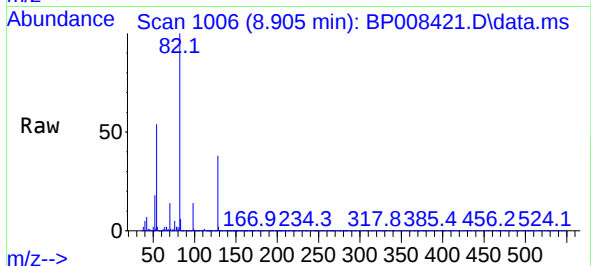
Tgt Ion: 82 Resp: 278563

Ion Ratio Lower Upper

82 100

128 38.1 29.6 44.4

54 53.7 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BP008421.D

Acq: 15 Dec 2021 17:30

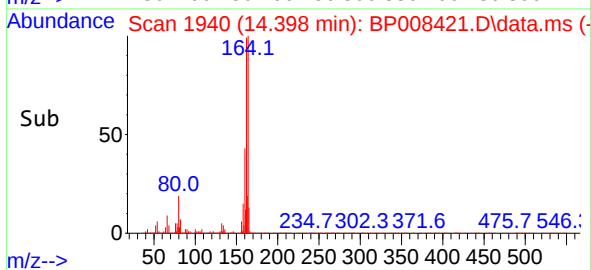
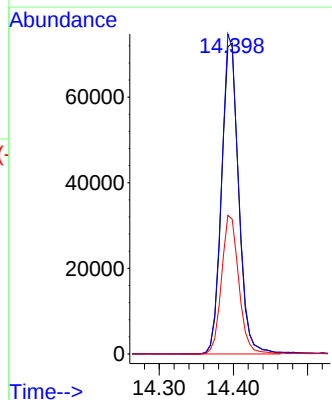
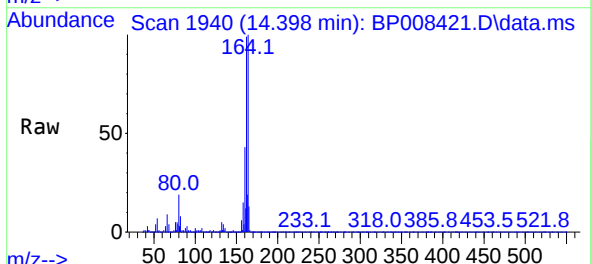
Tgt Ion:164 Resp: 116219

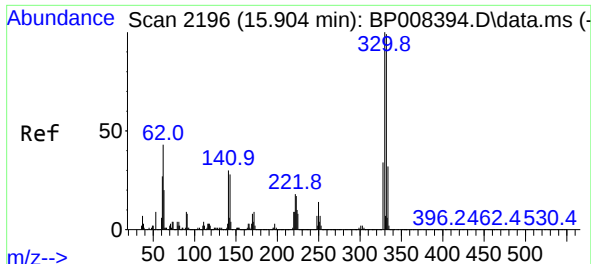
Ion Ratio Lower Upper

164 100

162 98.5 81.9 122.9

160 43.3 35.4 53.0

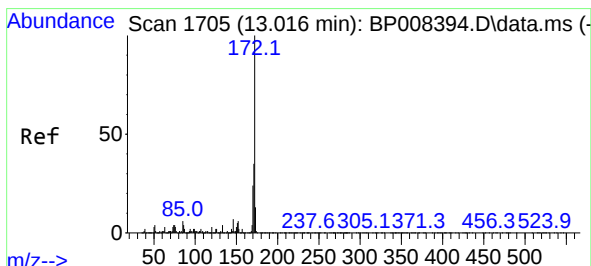
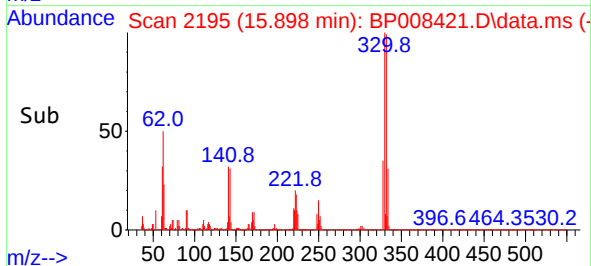
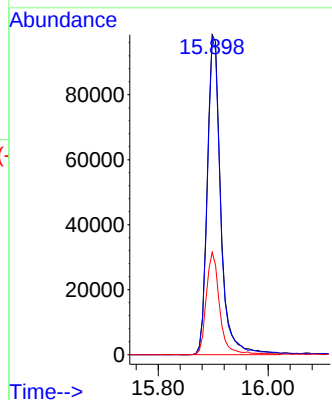
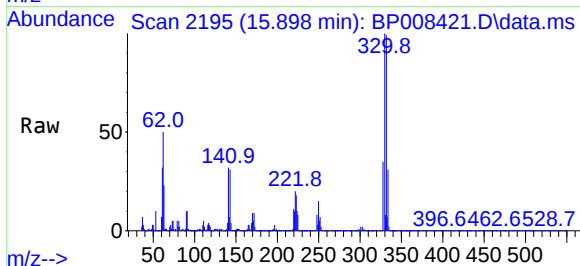




#42  
2,4,6-Tribromophenol  
Concen: 98.363 ng  
RT: 15.898 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BP008421.D  
Acq: 15 Dec 2021 17:30

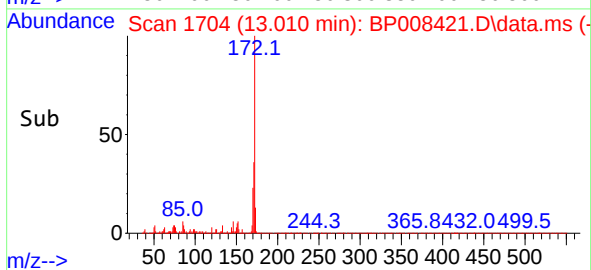
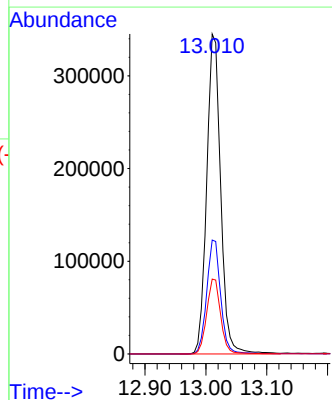
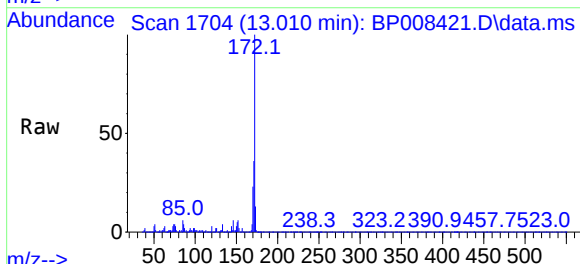
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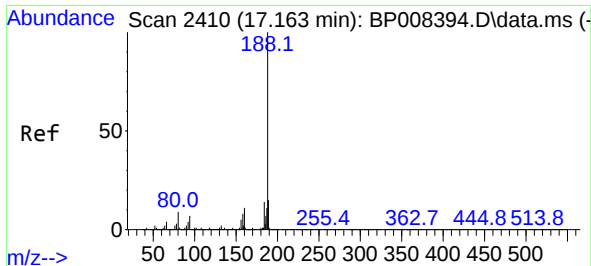
Tgt Ion:330 Resp: 167997  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.0 115.4  
141 31.8 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 60.120 ng  
RT: 13.010 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: BP008421.D  
Acq: 15 Dec 2021 17:30

Tgt Ion:172 Resp: 549648  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.0 42.0  
170 23.4 18.9 28.3

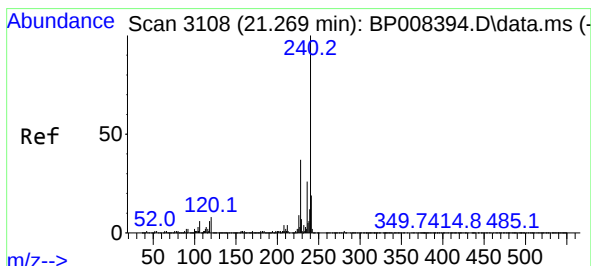
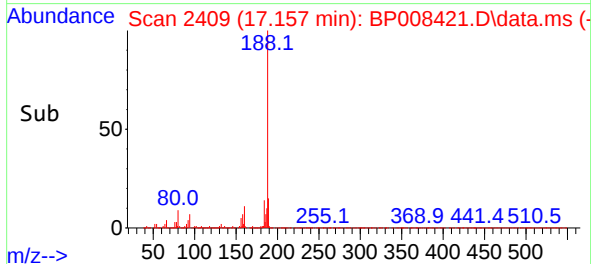
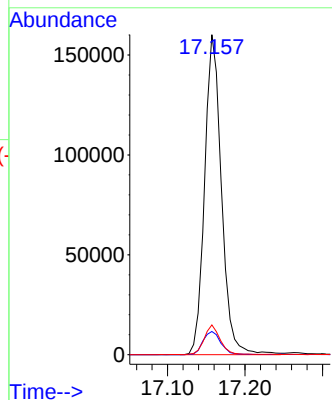
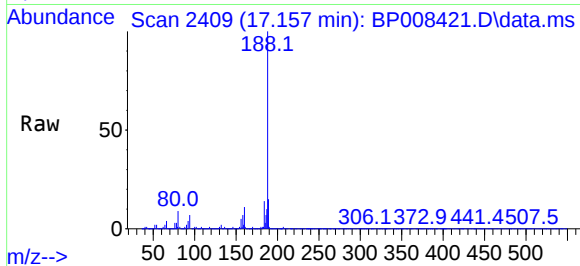




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.157 min Scan# 2410  
Delta R.T. -0.006 min  
Lab File: BP008421.D  
Acq: 15 Dec 2021 17:30

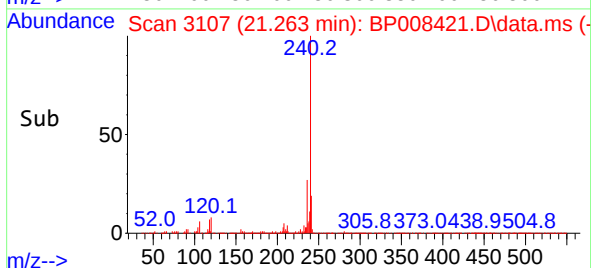
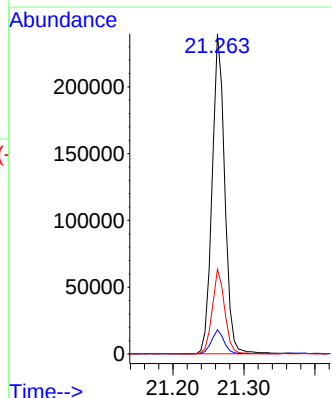
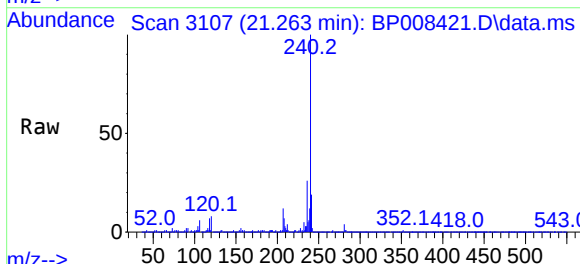
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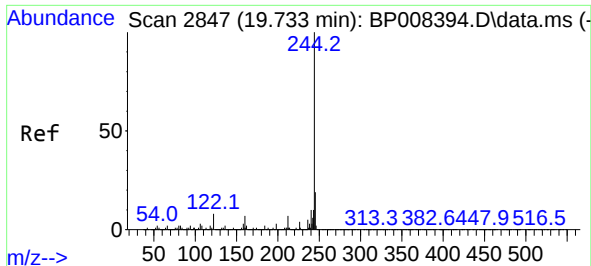
Tgt Ion:188 Resp: 242098  
Ion Ratio Lower Upper  
188 100  
94 7.3 7.2 10.8  
80 9.3 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.263 min Scan# 3107  
Delta R.T. -0.006 min  
Lab File: BP008421.D  
Acq: 15 Dec 2021 17:30

Tgt Ion:240 Resp: 296350  
Ion Ratio Lower Upper  
240 100  
120 7.6 7.3 10.9  
236 26.5 21.4 32.2

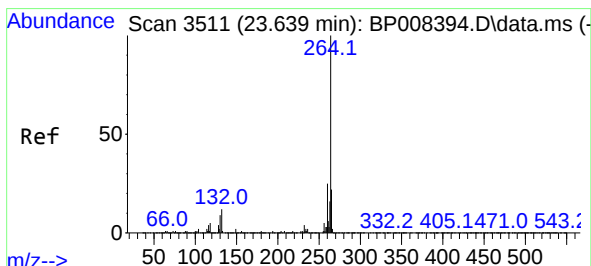
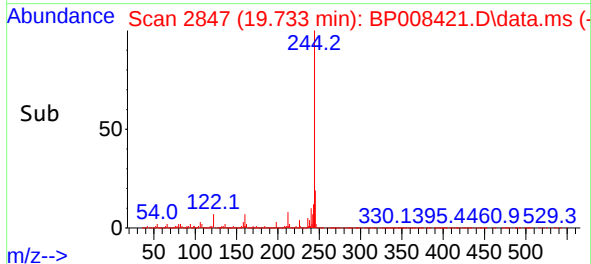
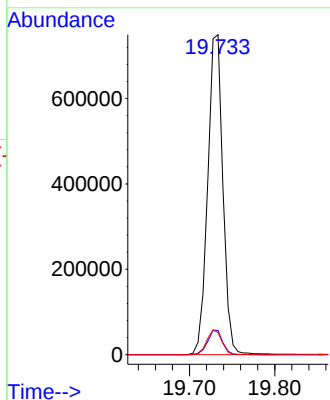
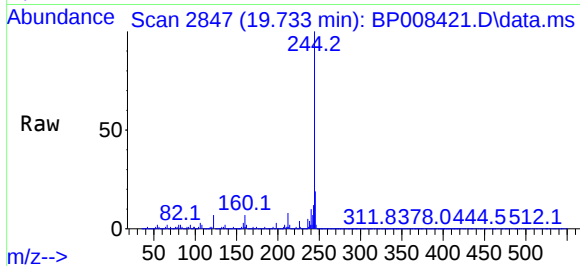




#79  
 Terphenyl-d14  
 Concen: 54.466 ng  
 RT: 19.733 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP008421.D  
 Acq: 15 Dec 2021 17:30

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP2

Tgt Ion:244 Resp: 927441  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.0 9.0  
 122 6.9 6.6 9.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.633 min Scan# 3510  
 Delta R.T. -0.006 min  
 Lab File: BP008421.D  
 Acq: 15 Dec 2021 17:30

Tgt Ion:264 Resp: 355887  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.4 29.2  
 265 22.3 17.6 26.4

