

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
 Data File : BP008441.D  
 Acq On : 16 Dec 2021 06:47  
 Operator : CG/JU  
 Sample : M4927-11  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PH1-BOT-12

Quant Time: Dec 16 07:50:01 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

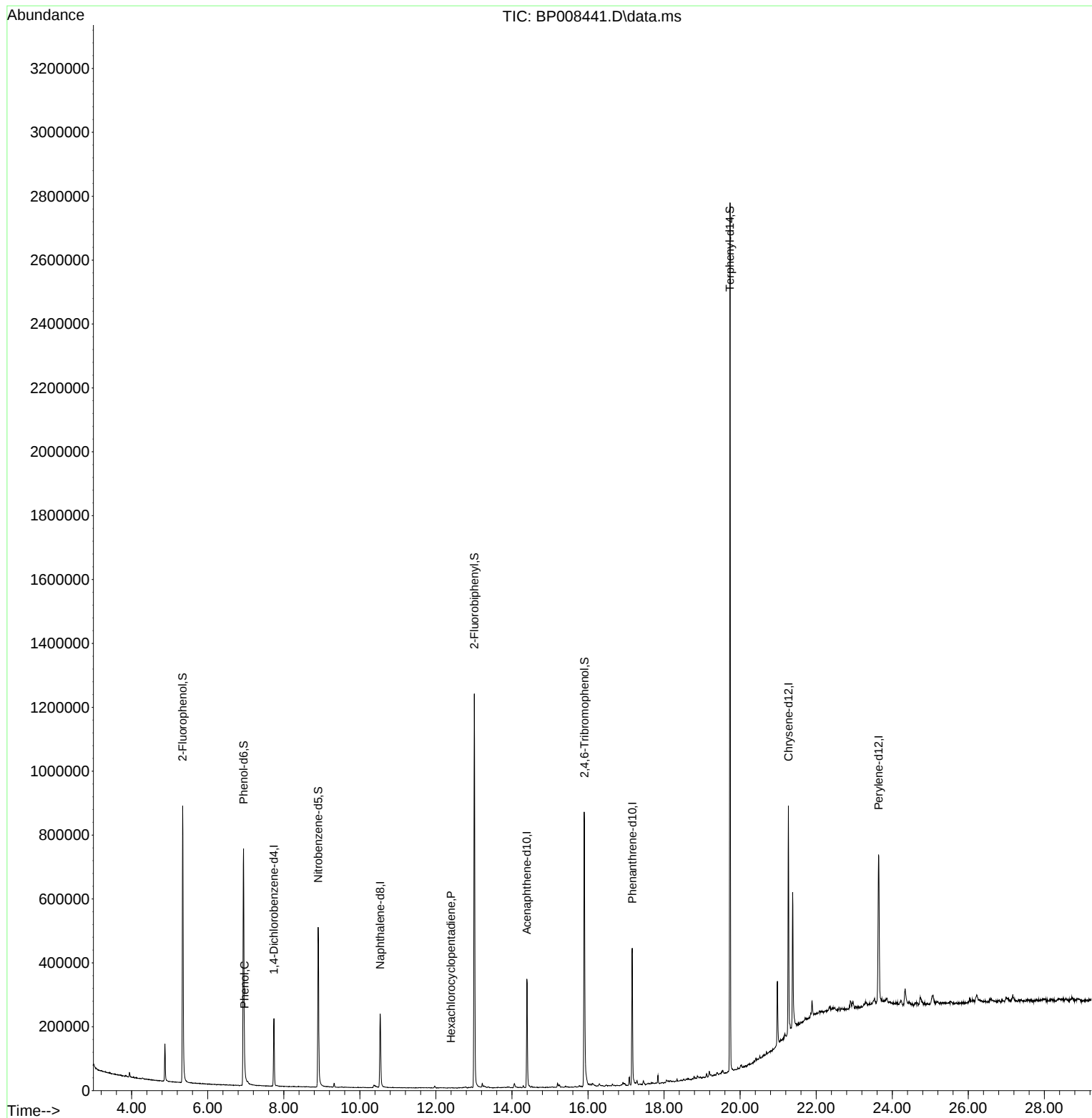
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.740  | 152  | 53829    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.534 | 136  | 195115   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.393 | 164  | 128123   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.163 | 188  | 280424   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 21.269 | 240  | 347421   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 23.639 | 264  | 382649   | 20.000    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.340  | 112  | 359829   | 105.567   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.940  | 99   | 464149   | 101.389   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.905  | 82   | 324051   | 70.360    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.904 | 330  | 192580   | 102.280   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.010 | 172  | 653809   | 64.869    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.733 | 244  | 1236131  | 61.923    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       |          |
| 2) 1,4-Dioxane                | 3.217  | 88   | 241      | Below Cal | #     | 1        |
| 9) Benzaldehyde               | 6.893  | 77   | 78       | Below Cal | #     | 31       |
| 10) Phenol                    | 6.969  | 94   | 9539     | 2.052     | ng    | 57       |
| 41) Hexachlorocyclopentadiene | 12.399 | 237  | 6        | 8.656     | ng    | 86       |
| -----                         |        |      |          |           |       |          |

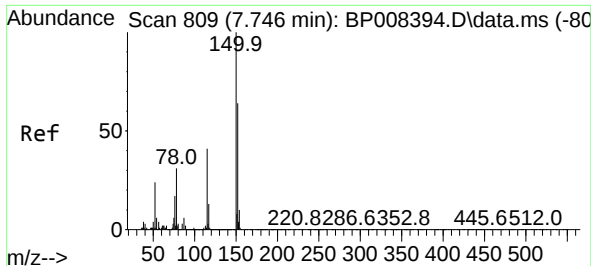
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
Data File : BP008441.D  
Acq On : 16 Dec 2021 06:47  
Operator : CG/JU  
Sample : M4927-11  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-12

Quant Time: Dec 16 07:50:01 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

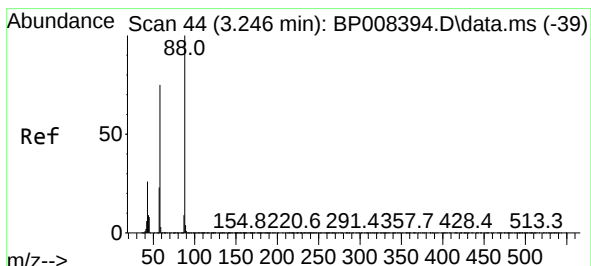
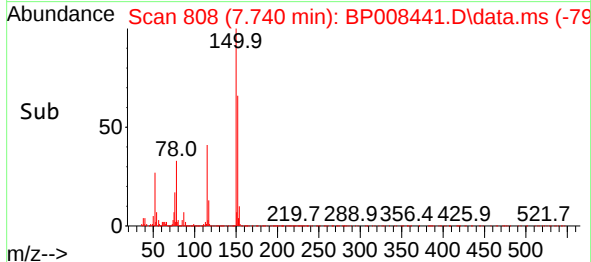
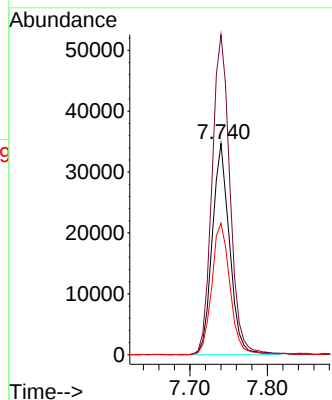
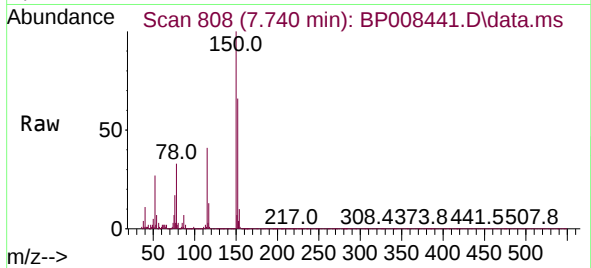




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

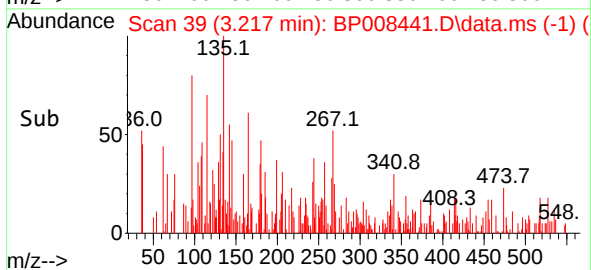
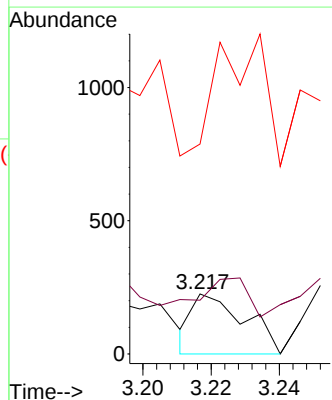
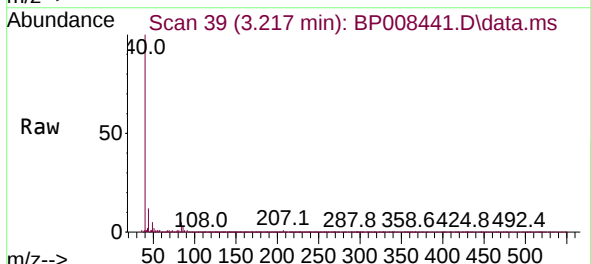
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-12

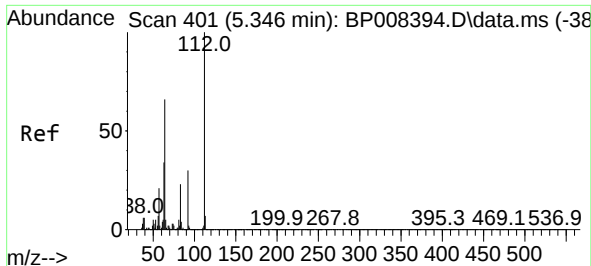
Tgt Ion:152 Resp: 53829  
Ion Ratio Lower Upper  
152 100  
150 151.5 125.7 188.5  
115 62.2 50.7 76.1



#2  
1,4-Dioxane  
Concen: Below Cal  
RT: 3.217 min Scan# 39  
Delta R.T. -0.029 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

Tgt Ion: 88 Resp: 241  
Ion Ratio Lower Upper  
88 100  
58 60.6 63.5 95.3#  
43 197.9 23.4 35.2#

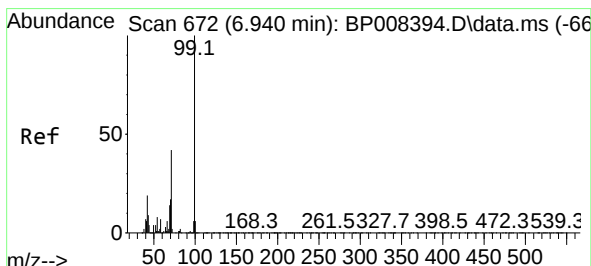
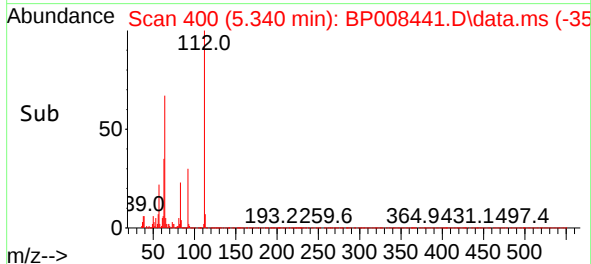
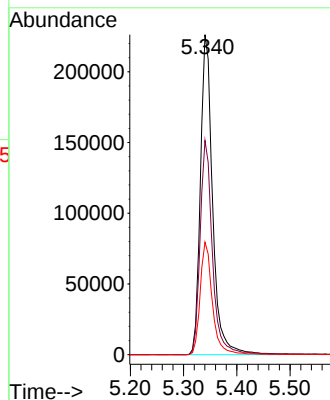
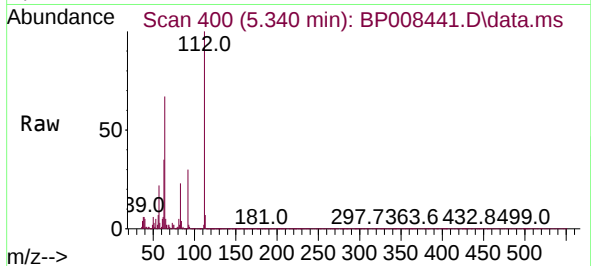




#5  
2-Fluorophenol  
Concen: 105.567 ng  
RT: 5.340 min Scan# 401  
Delta R.T. -0.006 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

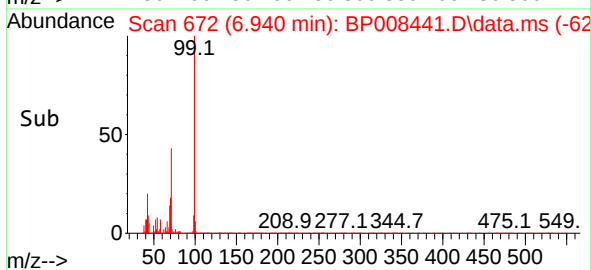
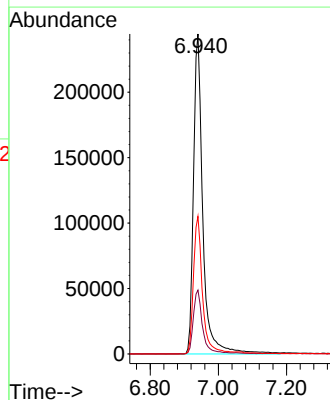
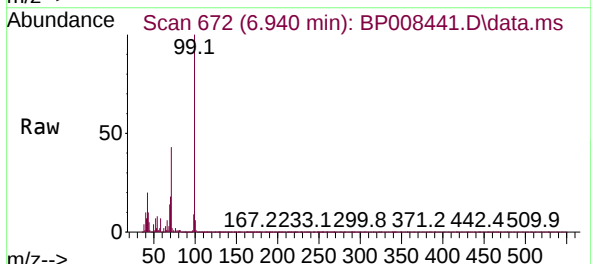
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-12

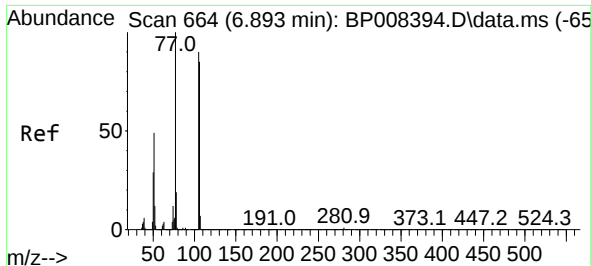
Tgt Ion:112 Resp: 359829  
Ion Ratio Lower Upper  
112 100  
64 66.9 53.4 80.2  
63 35.1 27.8 41.8



#7  
Phenol-d6  
Concen: 101.389 ng  
RT: 6.940 min Scan# 672  
Delta R.T. 0.000 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

Tgt Ion: 99 Resp: 464149  
Ion Ratio Lower Upper  
99 100  
42 19.9 14.6 22.0  
71 43.0 31.1 46.7

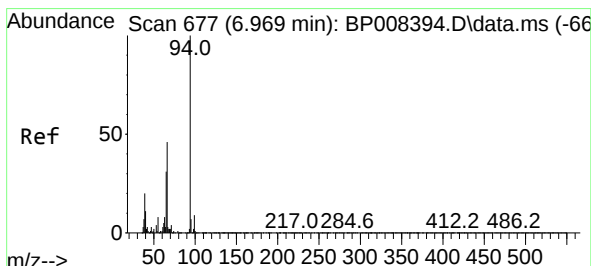
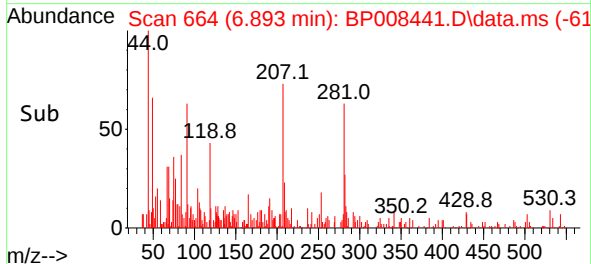
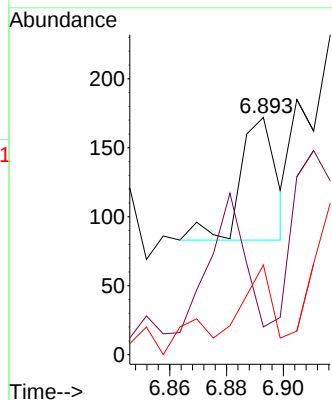
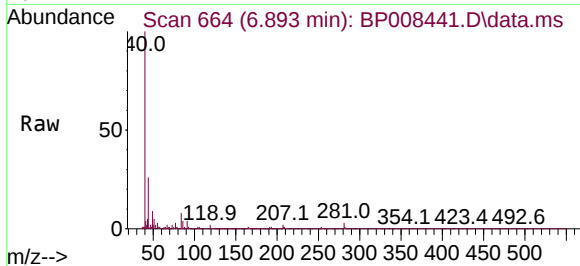




#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.893 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

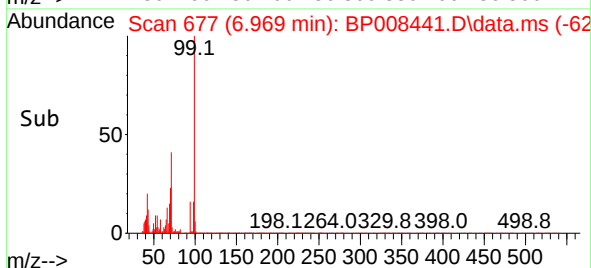
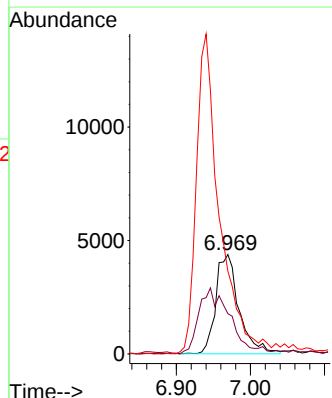
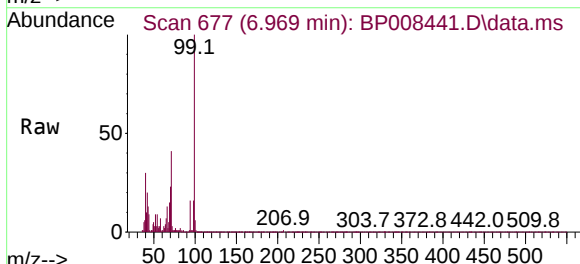
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-12

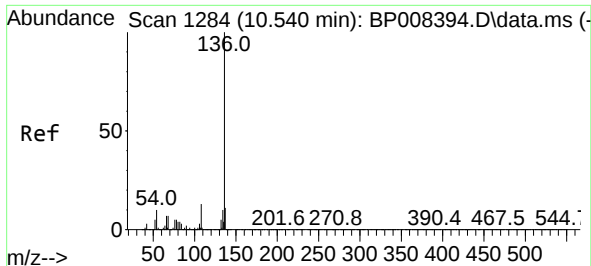
Tgt Ion: 77 Resp: 78  
Ion Ratio Lower Upper  
77 100  
105 11.6 71.8 111.8#  
106 37.8 67.3 107.3#



#10  
Phenol  
Concen: 2.052 ng  
RT: 6.969 min Scan# 677  
Delta R.T. 0.000 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

Tgt Ion: 94 Resp: 9539  
Ion Ratio Lower Upper  
94 100  
65 40.6 10.9 50.9  
66 83.3 24.3 64.3#

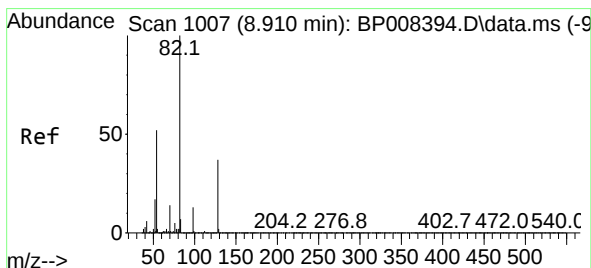
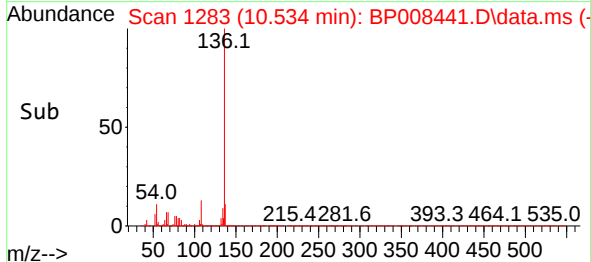
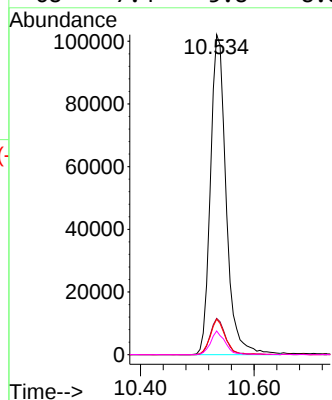
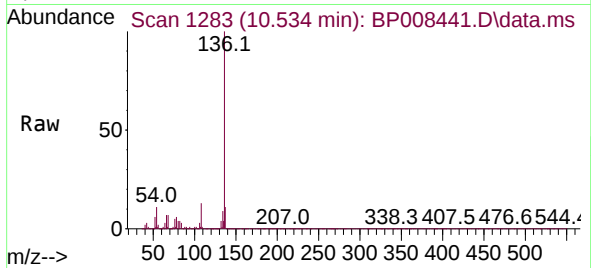




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

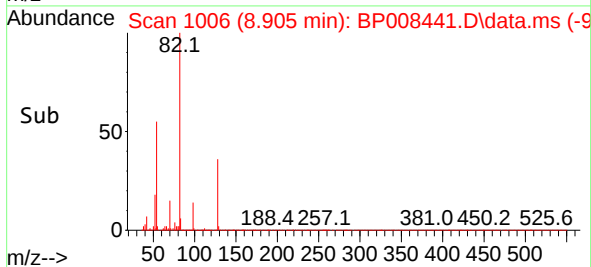
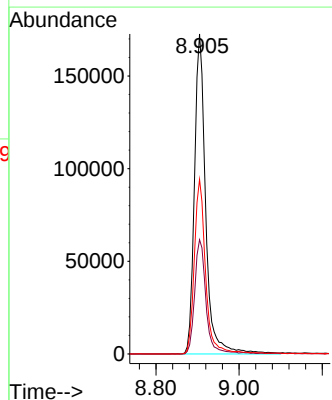
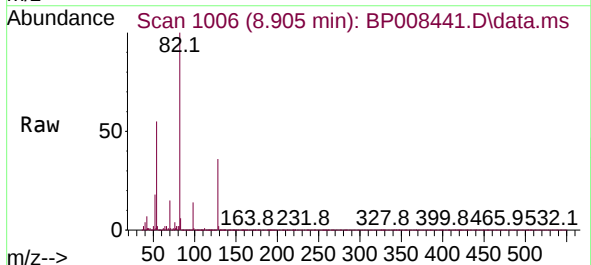
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-12

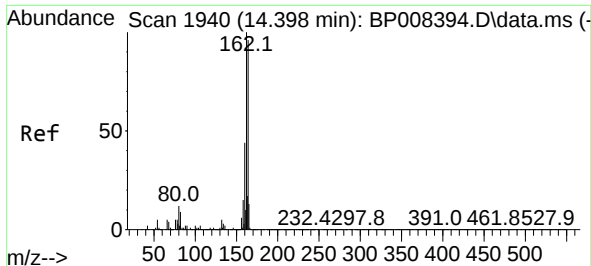
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 195115 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.3  | 9.0   | 13.6   |
| 54        | 11.1  | 8.2   | 12.4   |
| 68        | 7.4   | 5.8   | 8.8    |



#23  
Nitrobenzene-d5  
Concen: 70.360 ng  
RT: 8.905 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 324051 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 35.7  | 29.6  | 44.4   |
| 54        | 54.6  | 42.7  | 64.1   |

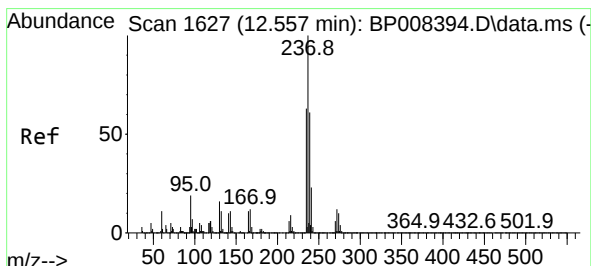
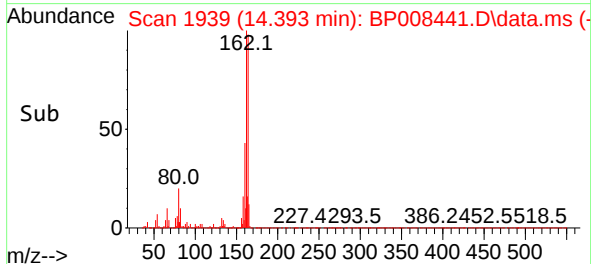
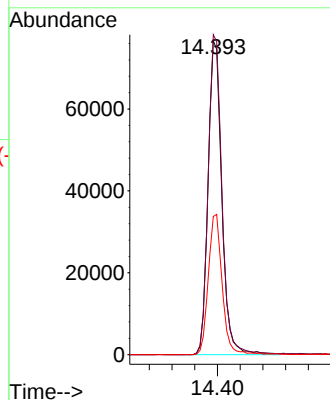
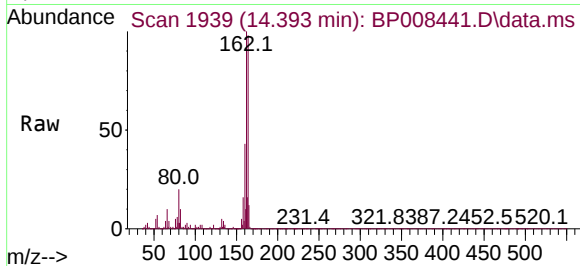




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.393 min Scan# 14  
Delta R.T. -0.005 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

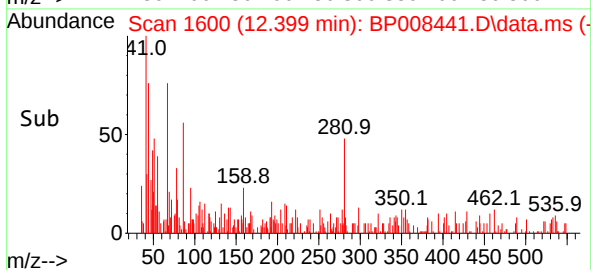
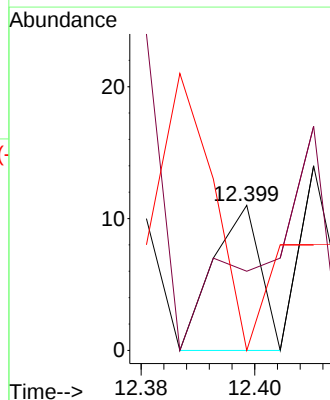
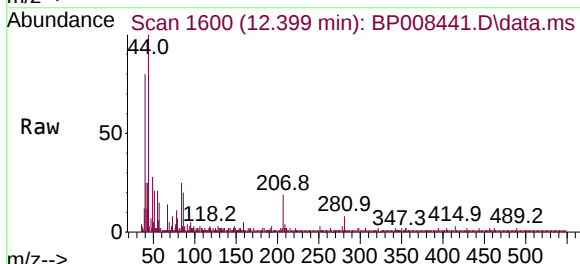
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-12

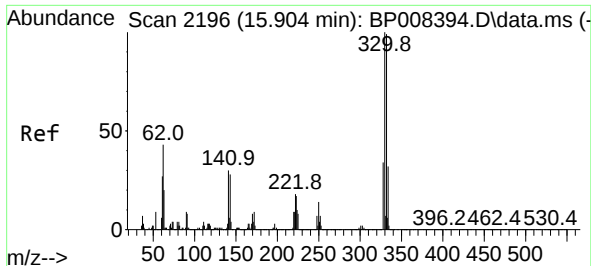
Tgt Ion:164 Resp: 128123  
Ion Ratio Lower Upper  
164 100  
162 102.0 81.9 122.9  
160 44.1 35.4 53.0



#41  
Hexachlorocyclopentadiene  
Concen: 8.656 ng  
RT: 12.399 min Scan# 1600  
Delta R.T. -0.158 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

Tgt Ion:237 Resp: 6  
Ion Ratio Lower Upper  
237 100  
235 54.5 42.3 82.3  
272 0.0 0.0 32.2

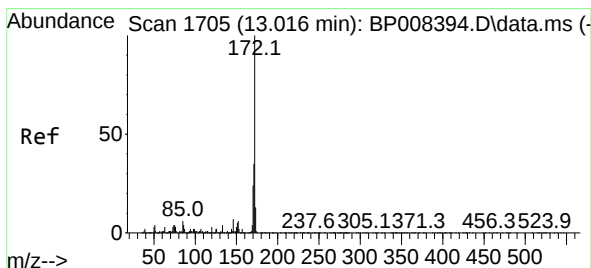
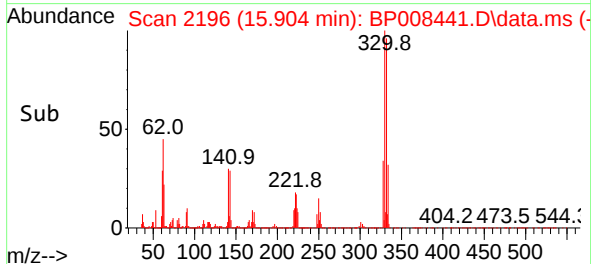
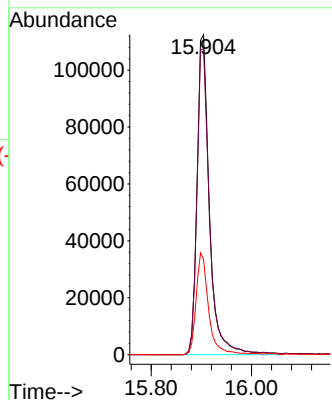
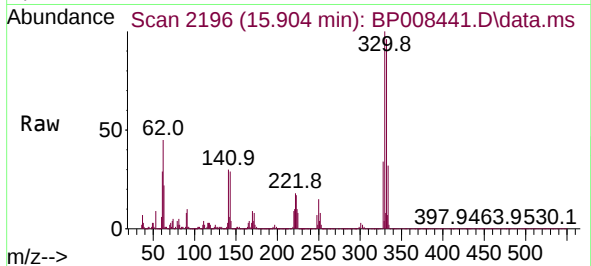




#42  
2,4,6-Tribromophenol  
Concen: 102.280 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

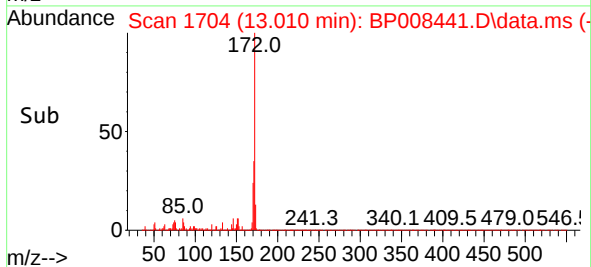
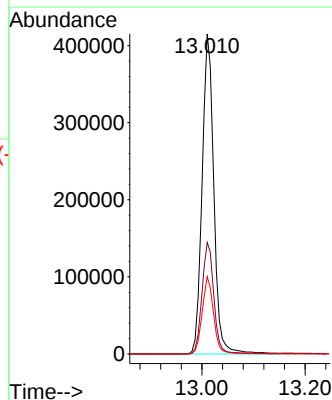
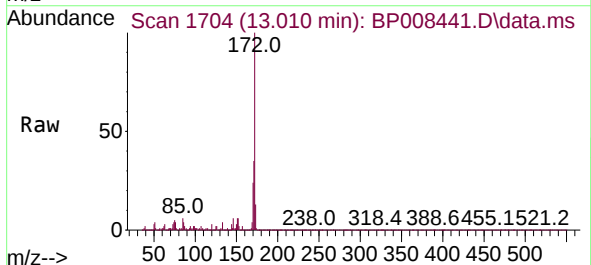
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-12

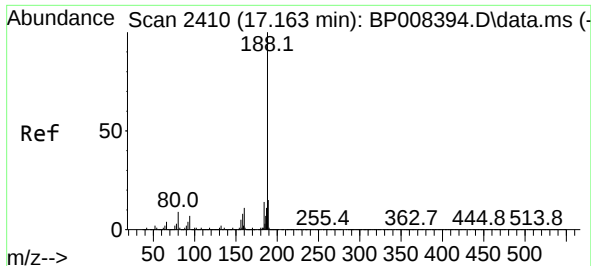
Tgt Ion:330 Resp: 192580  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.0 115.4  
141 32.4 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 64.869 ng  
RT: 13.010 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

Tgt Ion:172 Resp: 653809  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.0 42.0  
170 24.2 18.9 28.3

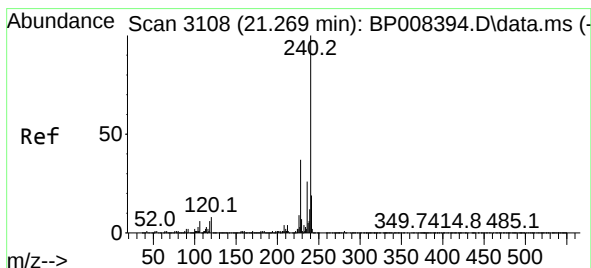
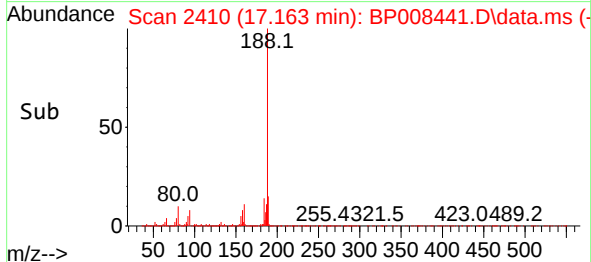
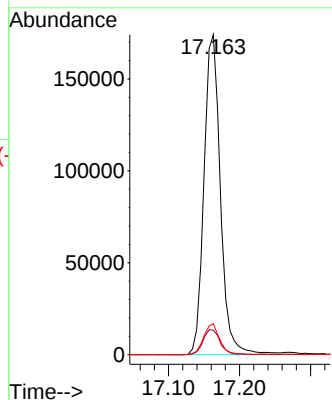
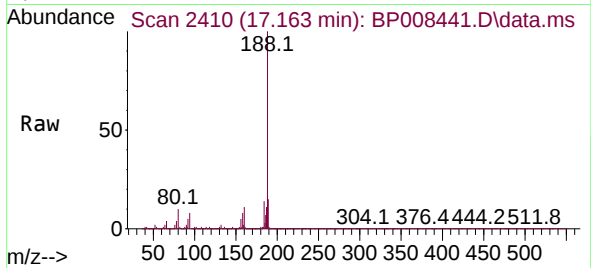




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.163 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

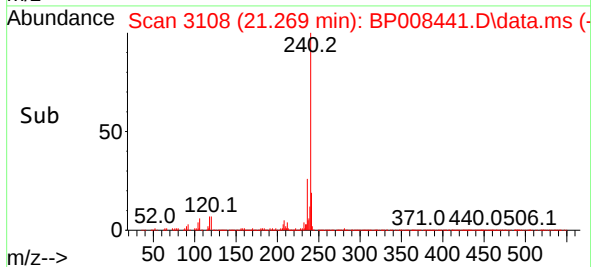
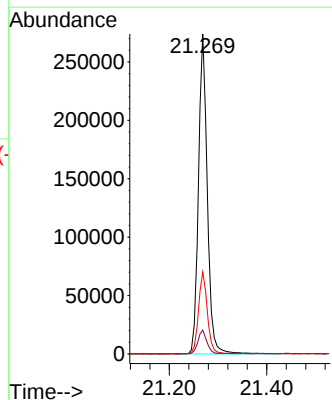
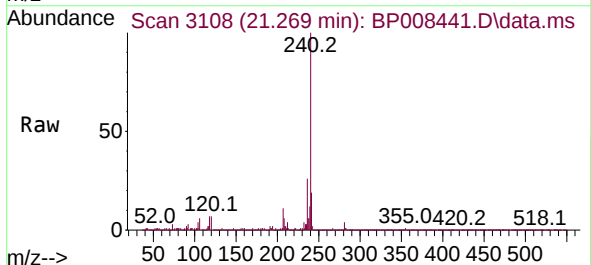
Instrument :  
BNA\_P  
ClientSampleId :  
PH1-BOT-12

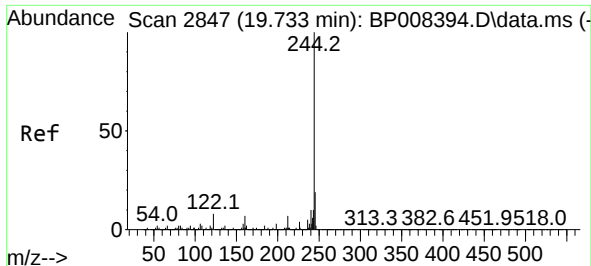
Tgt Ion:188 Resp: 280424  
Ion Ratio Lower Upper  
188 100  
94 7.6 7.2 10.8  
80 9.6 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.269 min Scan# 3108  
Delta R.T. 0.000 min  
Lab File: BP008441.D  
Acq: 16 Dec 2021 06:47

Tgt Ion:240 Resp: 347421  
Ion Ratio Lower Upper  
240 100  
120 7.5 7.3 10.9  
236 25.7 21.4 32.2

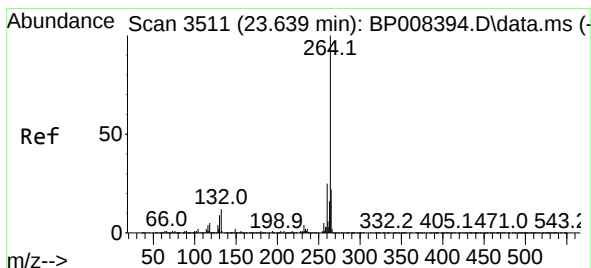
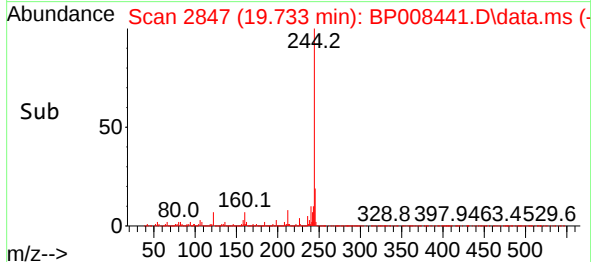
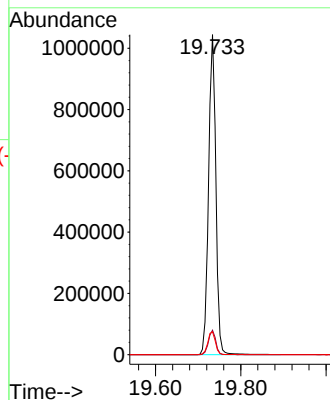
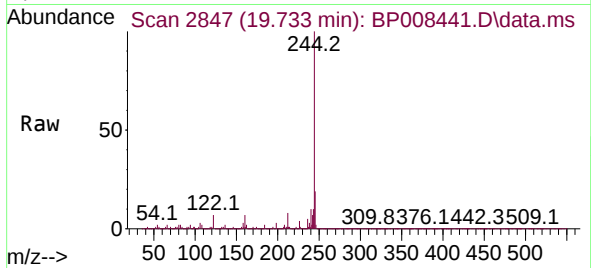




#79  
 Terphenyl-d14  
 Concen: 61.923 ng  
 RT: 19.733 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BP008441.D  
 Acq: 16 Dec 2021 06:47

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PH1-BOT-12

Tgt Ion:244 Resp: 1236131  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.0 9.0  
 122 7.2 6.6 9.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.639 min Scan# 3511  
 Delta R.T. 0.000 min  
 Lab File: BP008441.D  
 Acq: 16 Dec 2021 06:47

Tgt Ion:264 Resp: 382649  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.4 29.2  
 265 21.9 17.6 26.4

