

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
 Data File : BP008415.D  
 Acq On : 15 Dec 2021 14:07  
 Operator : CG/JU  
 Sample : M5076-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-15-C

Quant Time: Dec 15 14:45:34 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

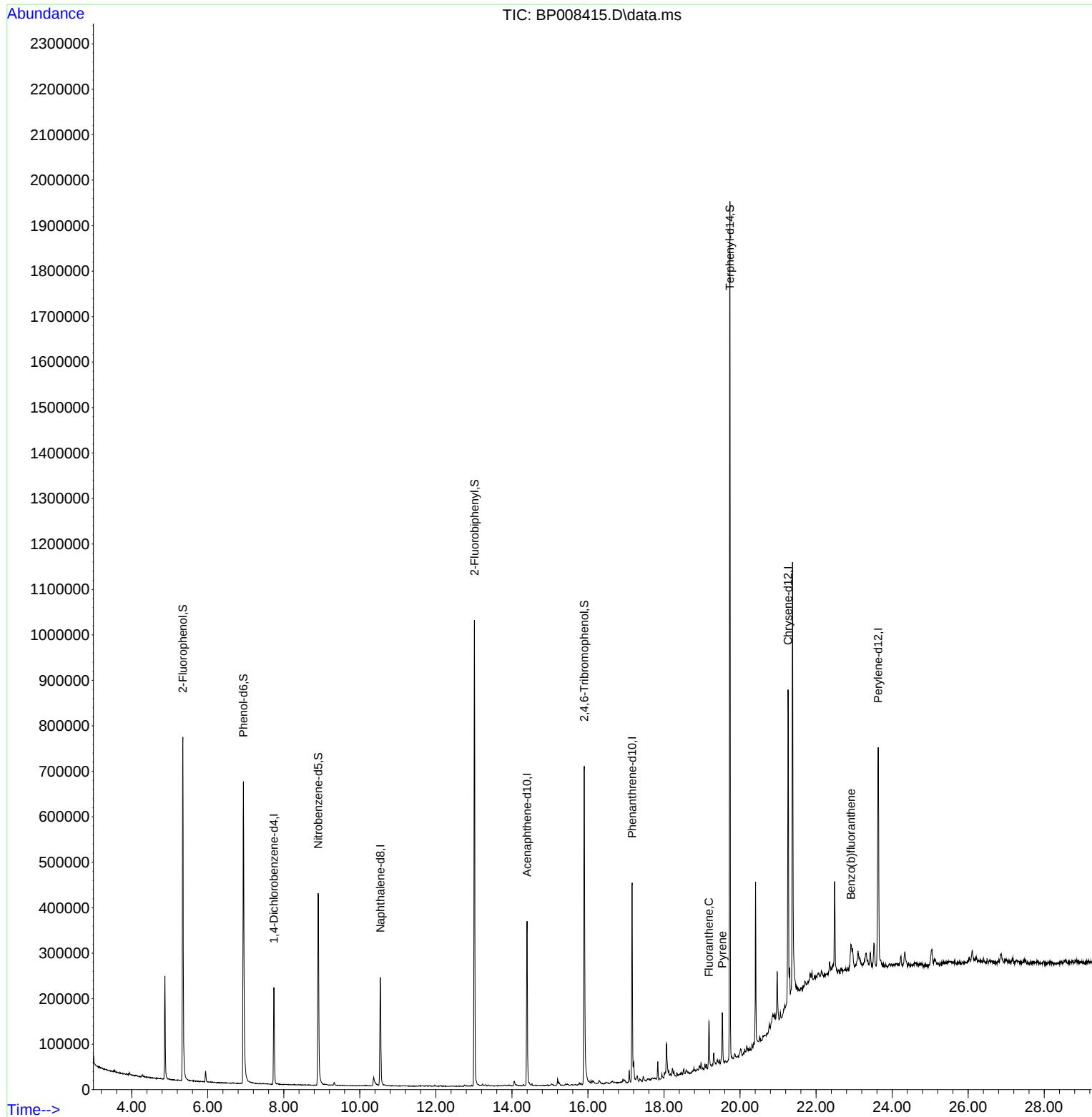
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 56175    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.540 | 136  | 200159   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.398 | 164  | 130417   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.163 | 188  | 277862   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.263 | 240  | 327578   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 23.633 | 264  | 384550   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.346  | 112  | 331650   | 93.236 | ng    | 0.00     |
| 7) Phenol-d6                | 6.940  | 99   | 406348   | 85.056 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 278016   | 58.844 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.904 | 330  | 163663   | 85.393 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.016 | 172  | 537568   | 52.398 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.733 | 244  | 887846   | 47.170 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 75) Fluoranthene            | 19.180 | 202  | 52271    | 3.076  | ng    | 99       |
| 78) Pyrene                  | 19.533 | 202  | 70548    | 3.010  | ng    | 99       |
| 88) Benzo(b)fluoranthene    | 22.915 | 252  | 47150    | 2.038  | ng    | # 90     |
| -----                       |        |      |          |        |       |          |

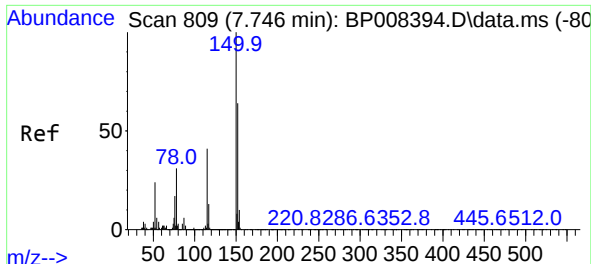
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121521\  
Data File : BP008415.D  
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Quant Time: Dec 15 14:45:34 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

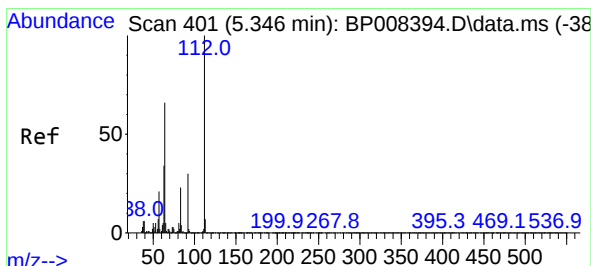
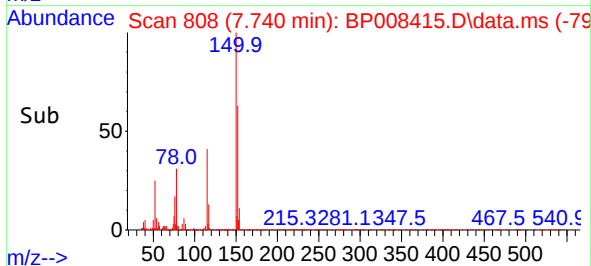
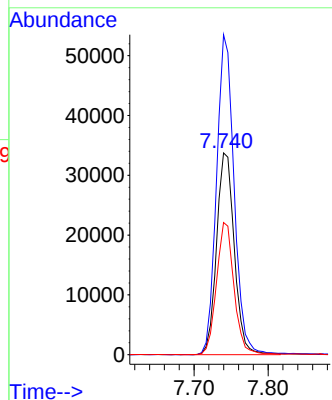
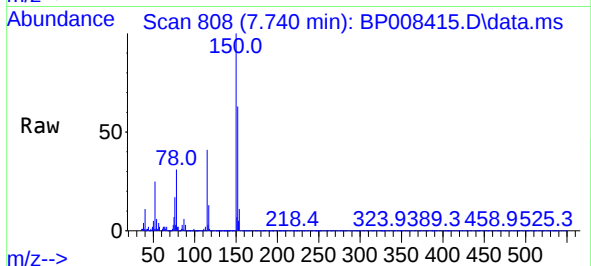




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

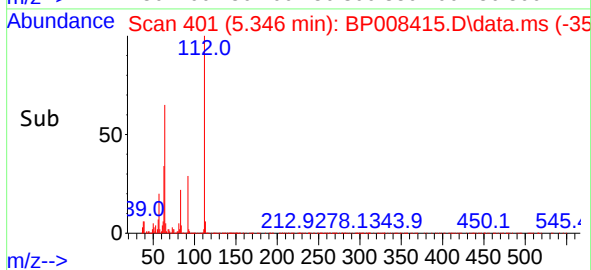
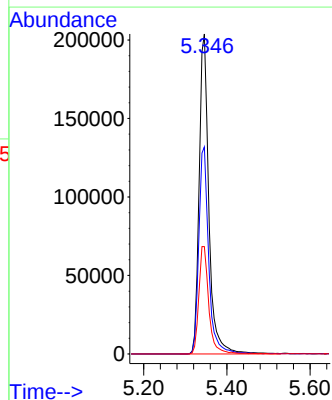
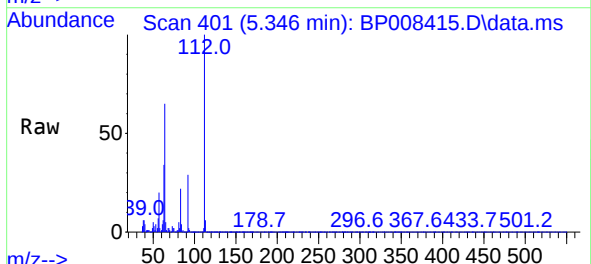
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BNA\_P  
ClientSampleId :  
SB-15-C

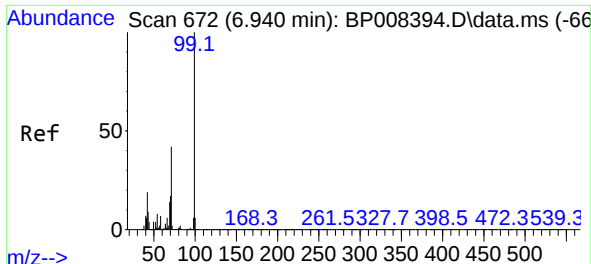
Tgt Ion:152 Resp: 56175  
Ion Ratio Lower Upper  
152 100  
150 158.6 125.7 188.5  
115 65.5 50.7 76.1



#5  
2-Fluorophenol  
Concen: 93.236 ng  
RT: 5.346 min Scan# 401  
Delta R.T. -0.000 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

Tgt Ion:112 Resp: 331650  
Ion Ratio Lower Upper  
112 100  
64 64.7 53.4 80.2  
63 33.6 27.8 41.8





Phenol-d6

Concen: 85.056 ng

RT: 6.940 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP008415.D

Acq: 15 Dec 2021 14:07

Instrument :

BNA\_P

ClientSampleId :

SB-15-C

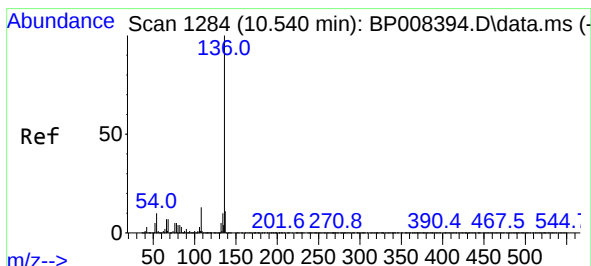
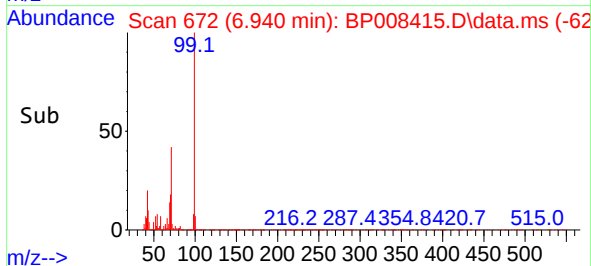
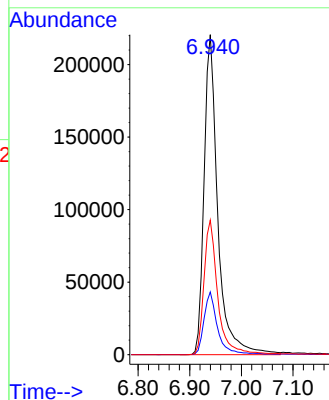
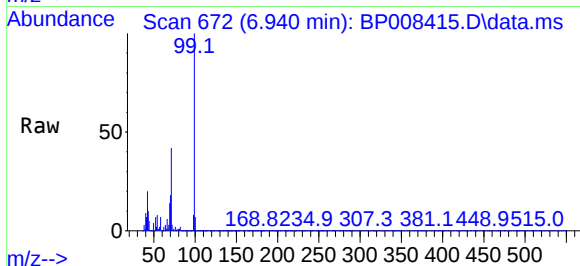
Tgt Ion: 99 Resp: 406348

Ion Ratio Lower Upper

99 100

42 19.6 14.6 22.0

71 42.1 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: BP008415.D

Acq: 15 Dec 2021 14:07

Tgt Ion: 136 Resp: 200159

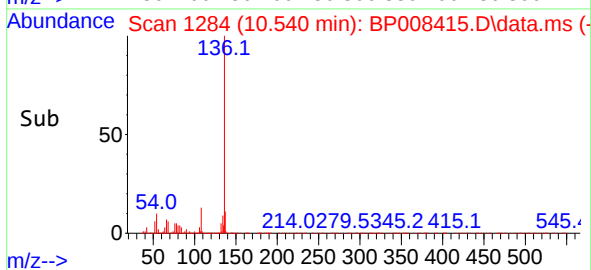
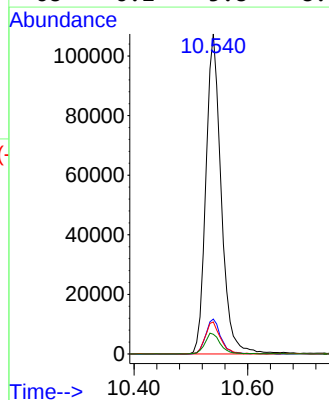
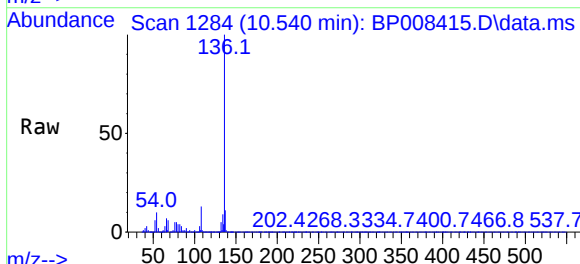
Ion Ratio Lower Upper

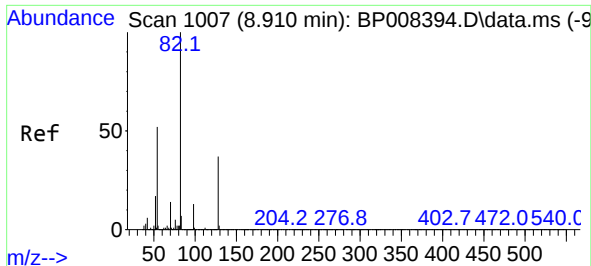
136 100

137 10.9 9.0 13.6

54 10.0 8.2 12.4

68 6.2 5.8 8.8

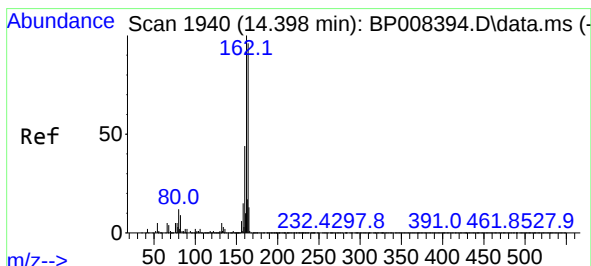
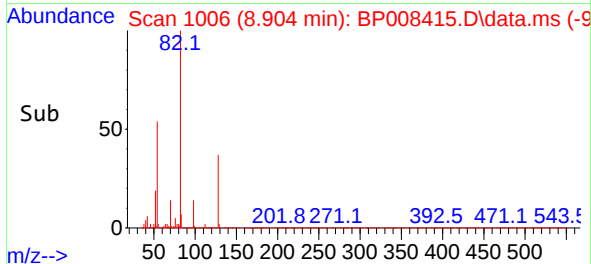
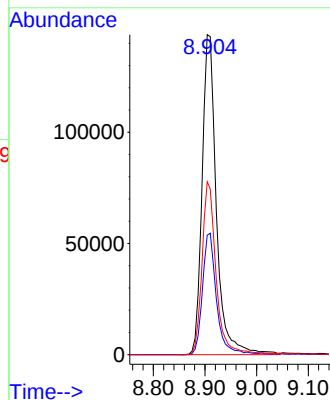
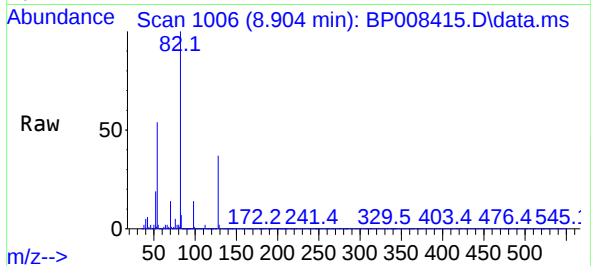




#23  
Nitrobenzene-d5  
Concen: 58.844 ng  
RT: 8.904 min Scan# 1006  
Delta R.T. -0.006 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

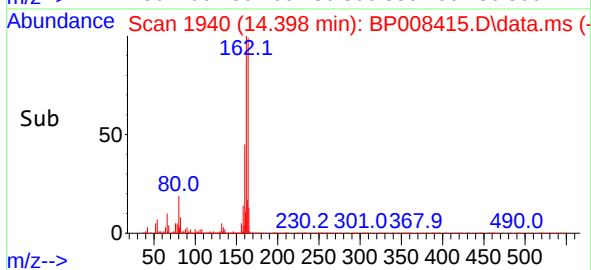
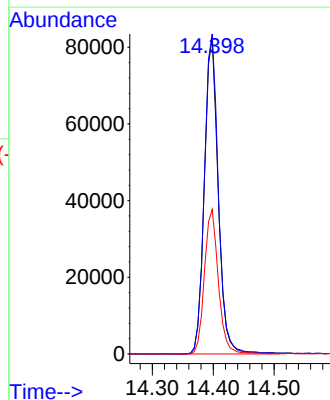
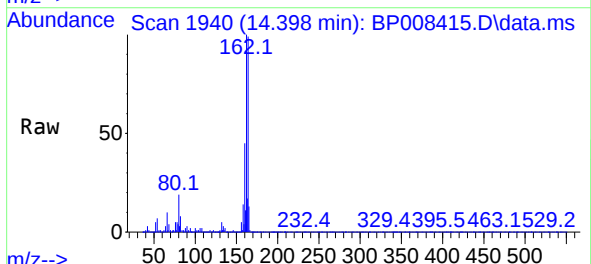
Instrument :  
BNA\_P  
ClientSampleId :  
SB-15-C

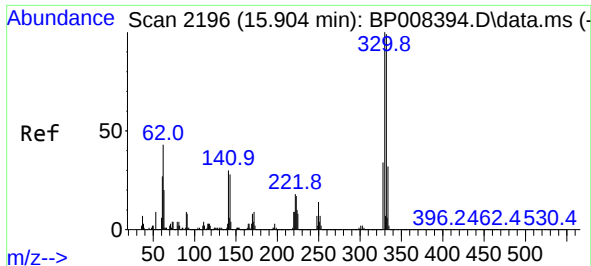
Tgt Ion: 82 Resp: 278016  
Ion Ratio Lower Upper  
82 100  
128 37.4 29.6 44.4  
54 54.1 42.7 64.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.398 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

Tgt Ion: 164 Resp: 130417  
Ion Ratio Lower Upper  
164 100  
162 101.3 81.9 122.9  
160 45.8 35.4 53.0

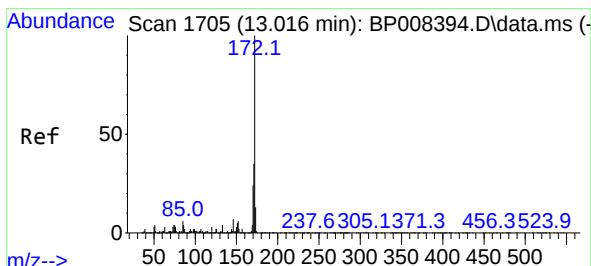
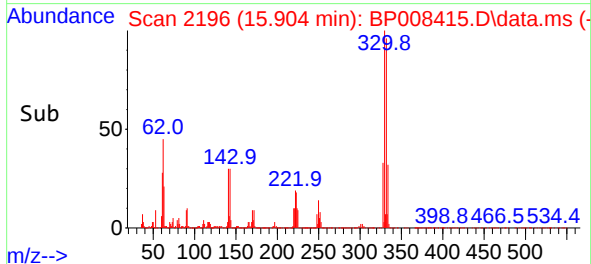
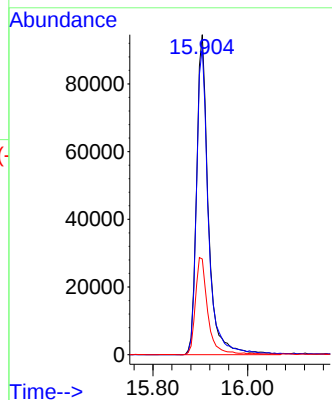
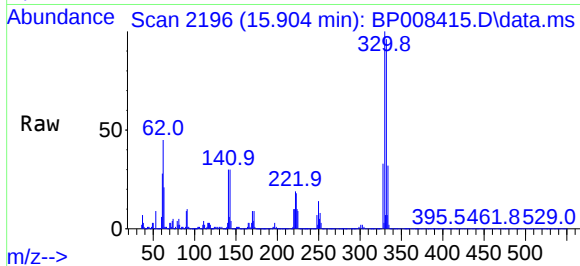




#42  
2,4,6-Tribromophenol  
Concen: 85.393 ng  
RT: 15.904 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

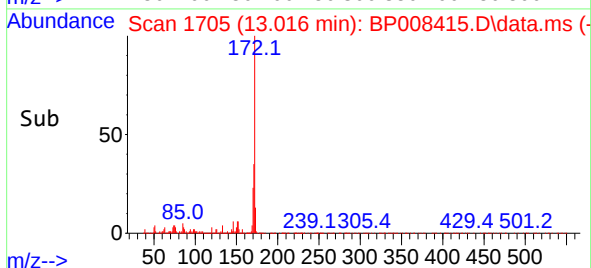
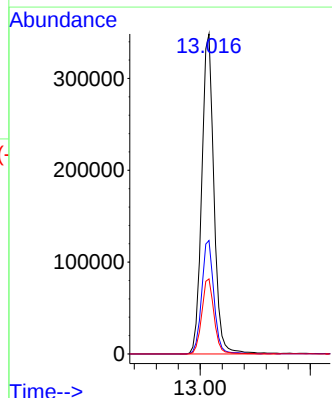
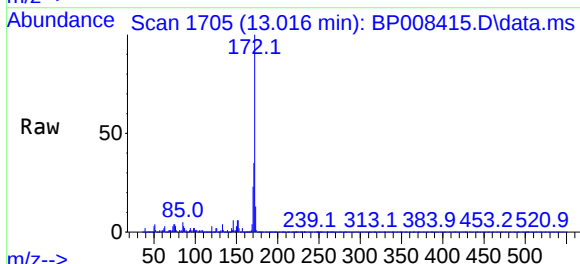
Instrument :  
BNA\_P  
ClientSampleId :  
SB-15-C

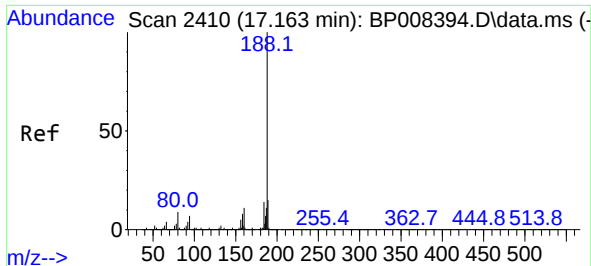
Tgt Ion:330 Resp: 163663  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.0 115.4  
141 32.0 28.4 42.6



#45  
2-Fluorobiphenyl  
Concen: 52.398 ng  
RT: 13.016 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

Tgt Ion:172 Resp: 537568  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.0 42.0  
170 23.5 18.9 28.3

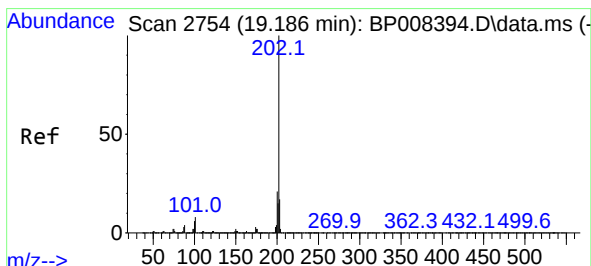
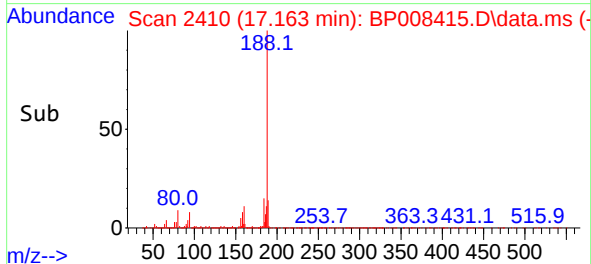
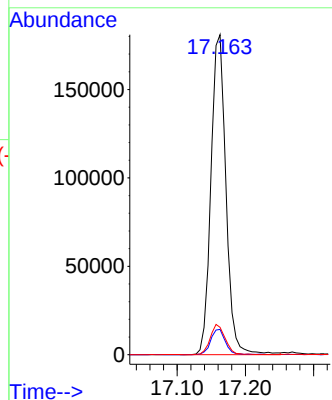
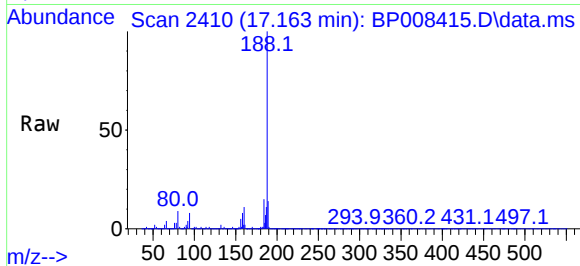




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.163 min Scan# 2410  
Delta R.T. -0.000 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

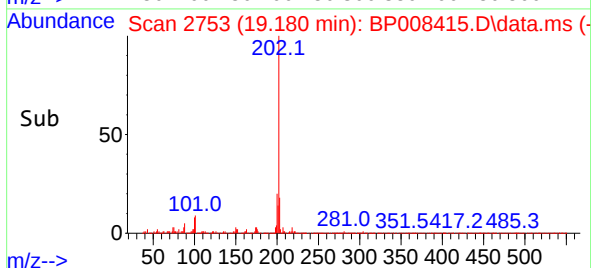
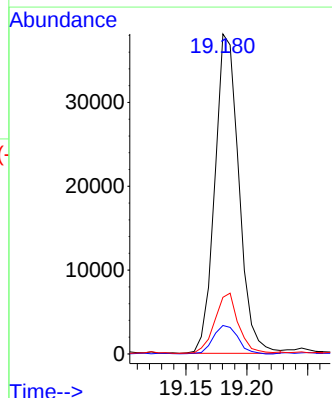
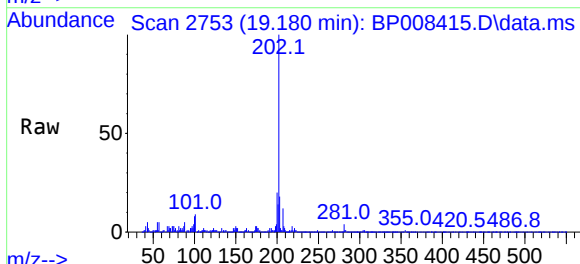
Instrument :  
BNA\_P  
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SB-15-C

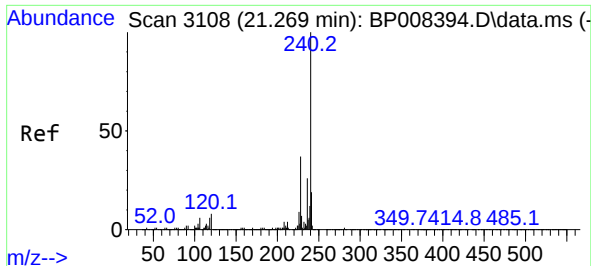
Tgt Ion:188 Resp: 277862  
Ion Ratio Lower Upper  
188 100  
94 7.9 7.2 10.8  
80 8.5 8.2 12.4



#75  
Fluoranthene  
Concen: 3.076 ng  
RT: 19.180 min Scan# 2753  
Delta R.T. -0.006 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

Tgt Ion:202 Resp: 52271  
Ion Ratio Lower Upper  
202 100  
101 8.9 0.0 29.8  
203 17.7 0.0 37.7

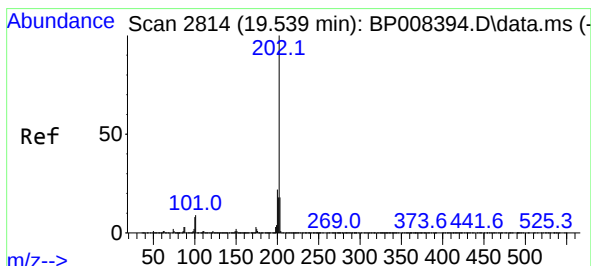
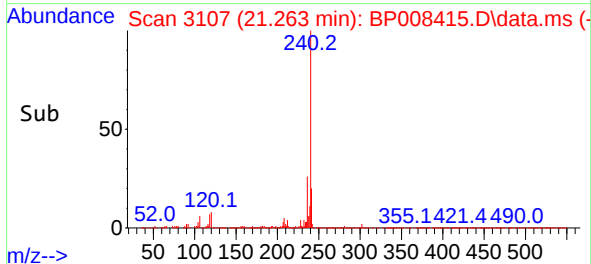
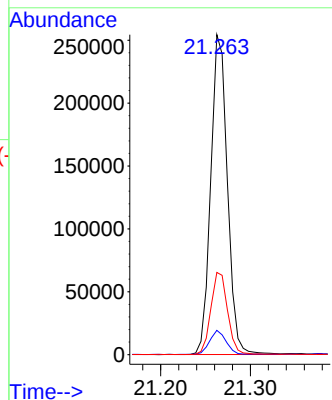
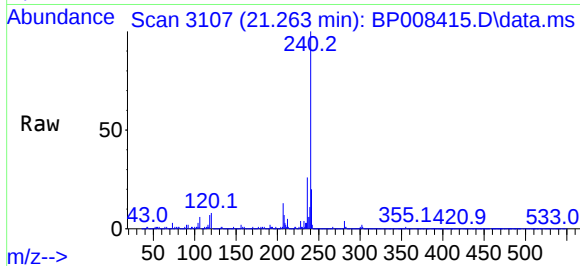




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.263 min Scan# 3108  
Delta R.T. -0.006 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

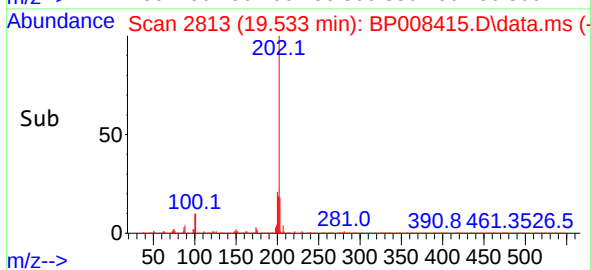
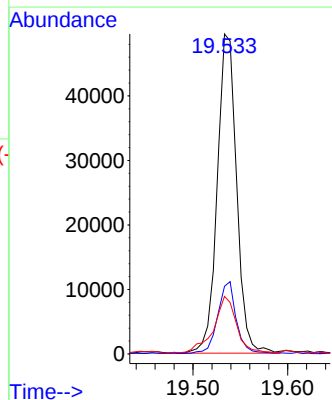
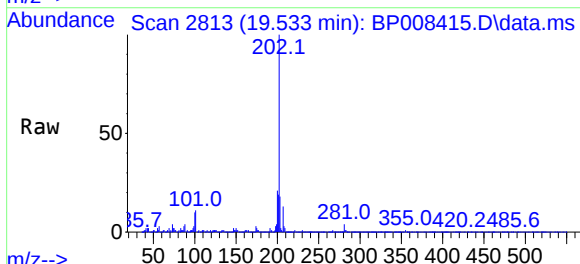
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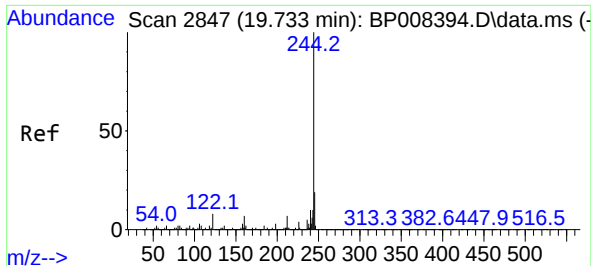
Tgt Ion:240 Resp: 327578  
Ion Ratio Lower Upper  
240 100  
120 7.6 7.3 10.9  
236 25.7 21.4 32.2



#78  
Pyrene  
Concen: 3.010 ng  
RT: 19.533 min Scan# 2813  
Delta R.T. -0.006 min  
Lab File: BP008415.D  
Acq: 15 Dec 2021 14:07

Tgt Ion:202 Resp: 70548  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.1 25.7  
203 18.0 14.2 21.2



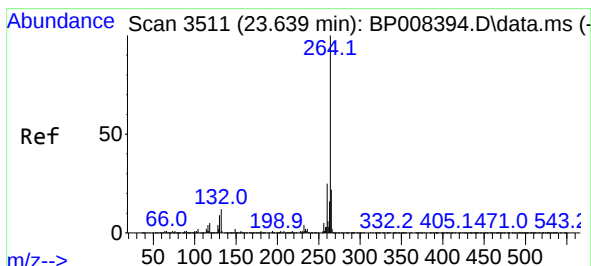
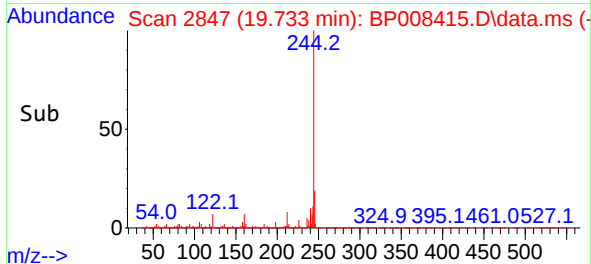
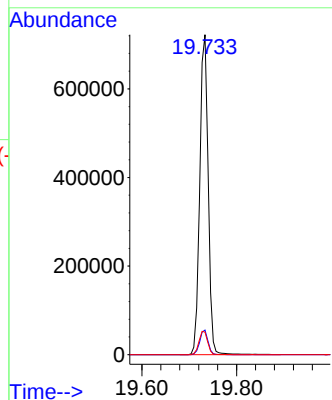
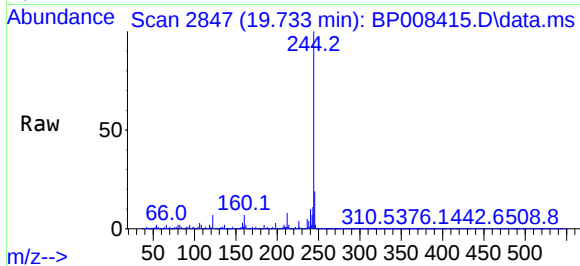


#79  
 Terphenyl-d14  
 Concen: 47.170 ng  
 RT: 19.733 min Scan# 2847  
 Delta R.T. -0.000 min  
 Lab File: BP008415.D  
 Acq: 15 Dec 2021 14:07

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-15-C

Tgt Ion:244 Resp: 887846

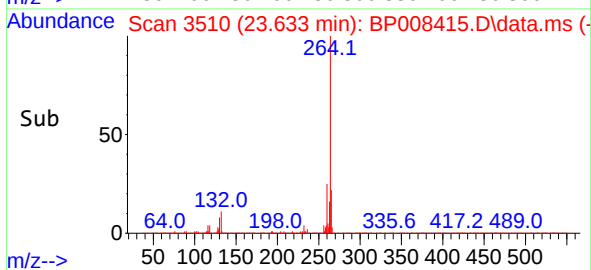
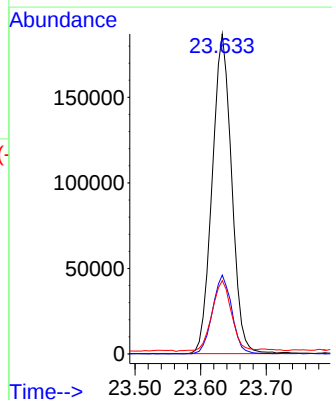
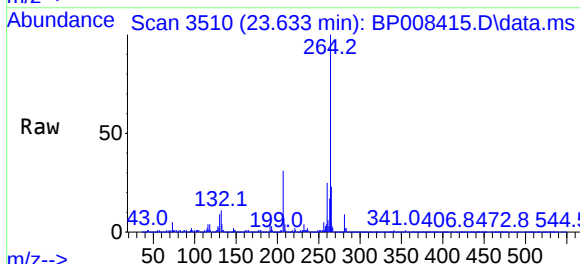
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.7   | 6.0   | 9.0   |
| 122 | 7.0   | 6.6   | 9.8   |

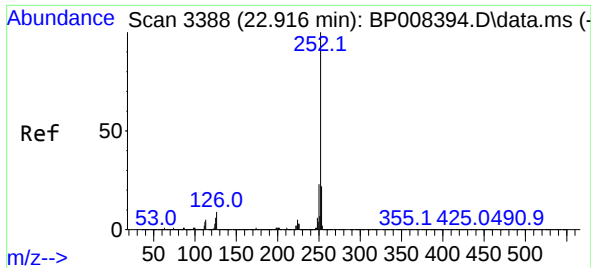


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.633 min Scan# 3510  
 Delta R.T. -0.006 min  
 Lab File: BP008415.D  
 Acq: 15 Dec 2021 14:07

Tgt Ion:264 Resp: 384550

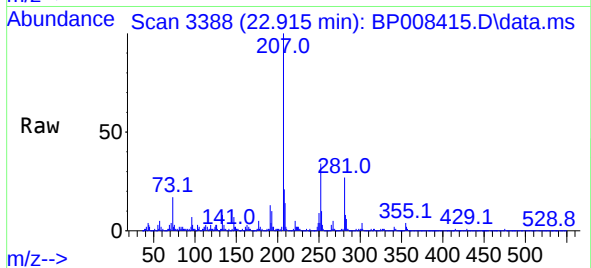
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.7  | 19.4  | 29.2  |
| 265 | 22.9  | 17.6  | 26.4  |





#88  
 Benzo(b)fluoranthene  
 Concen: 2.038 ng  
 RT: 22.915 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: BP008415.D  
 Acq: 15 Dec 2021 14:07

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-15-C



Tgt Ion:252 Resp: 47150  
 Ion Ratio Lower Upper  
 252 100  
 253 28.0 17.7 26.5#  
 125 9.2 6.2 9.4

