

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091721\  
 Data File : BP007033.D  
 Acq On : 17 Sep 2021 19:03  
 Operator : CG/JU  
 Sample : M3770-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 NAPL-05-(29-31)

Quant Time: Sep 18 00:57:00 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 17 10:50:16 2021  
 Response via : Initial Calibration

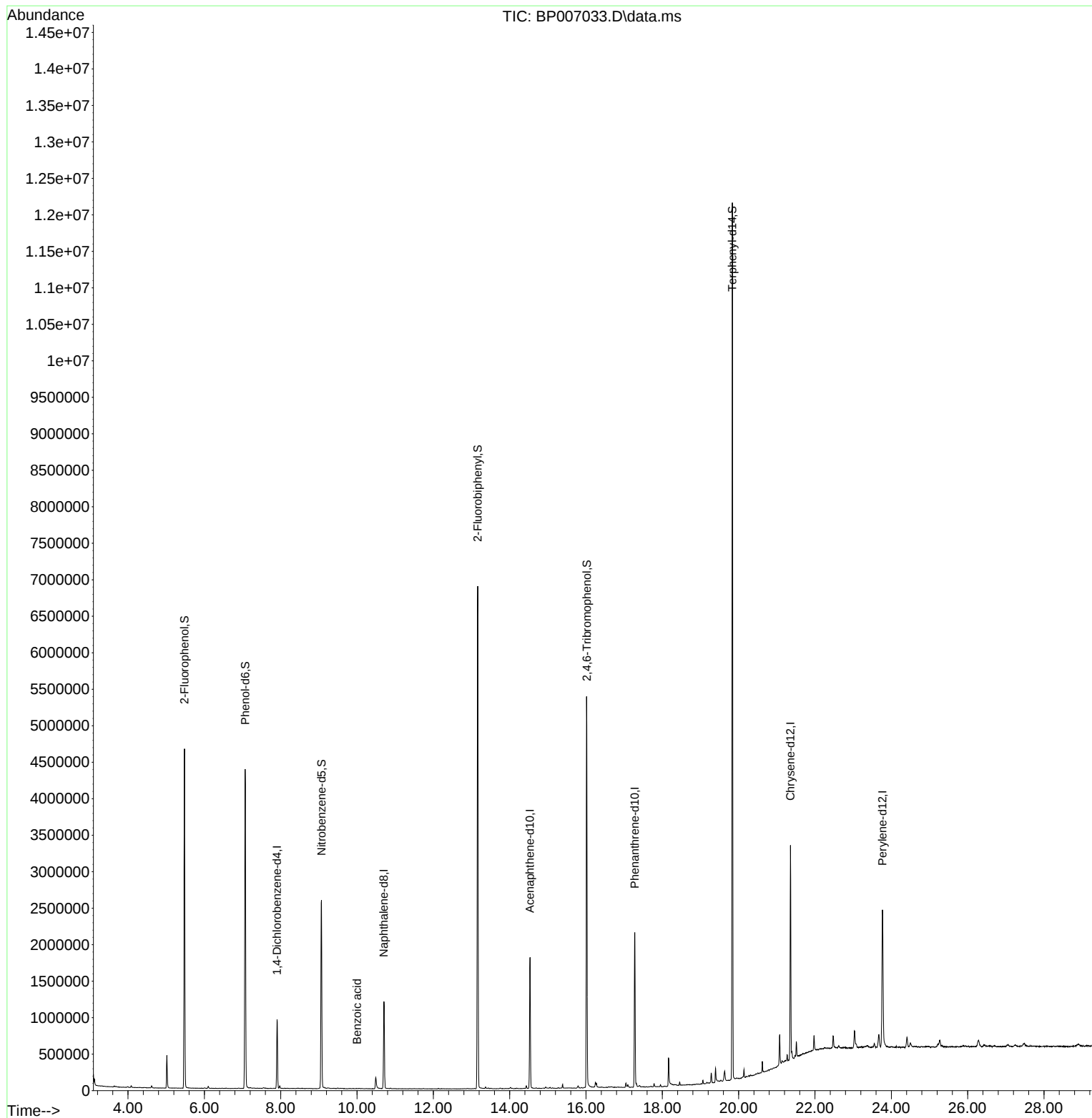
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.905  | 152  | 265021   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.704 | 136  | 1023103  | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.534 | 164  | 625109   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.275 | 188  | 1318279  | 20.000    | ng    | #-0.01   |
| 76) Chrysene-d12            | 21.357 | 240  | 1359190  | 20.000    | ng    | #-0.01   |
| 86) Perylene-d12            | 23.768 | 264  | 1424632  | 20.000    | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 2145586  | 132.200   | ng    | 0.00     |
| 7) Phenol-d6                | 7.069  | 99   | 2700929  | 121.926   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.069  | 82   | 1520611  | 83.476    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.022 | 330  | 1005929  | 133.809   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.163 | 172  | 3673416  | 81.125    | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.833 | 244  | 5431956  | 76.677    | ng    | 0.00     |
| Target Compounds            |        |      |          |           |       |          |
| 9) Benzaldehyde             | 7.075  | 77   | 4963     | Below Cal | #     | 10       |
| 32) Benzoic acid            | 9.999  | 122  | 137      | 6.107     | ng    | # 6      |
| -----                       |        |      |          |           |       |          |

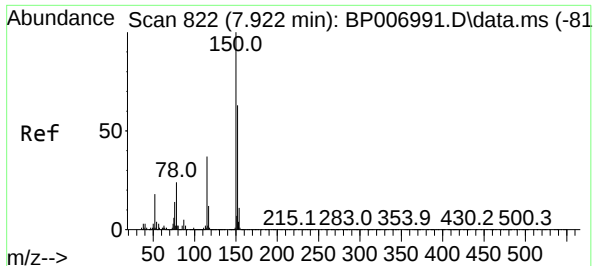
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091721\  
Data File : BP007033.D  
Acq On : 17 Sep 2021 19:03  
Operator : CG/JU  
Sample : M3770-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)

Quant Time: Sep 18 00:57:00 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP091621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 17 10:50:16 2021  
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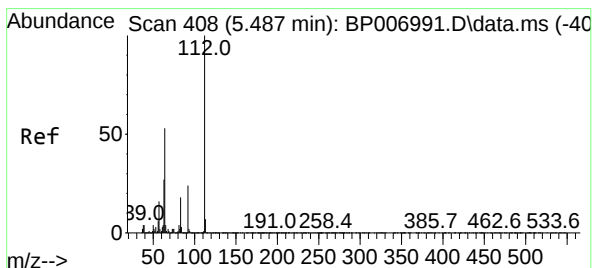
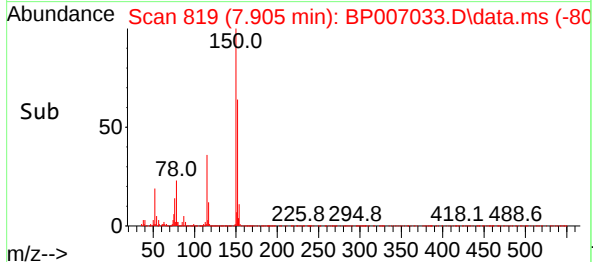
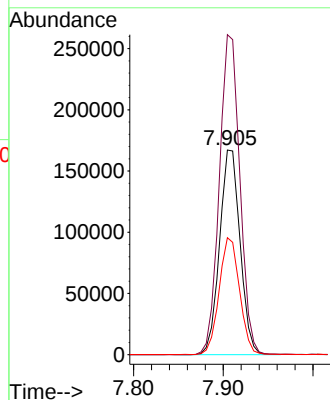
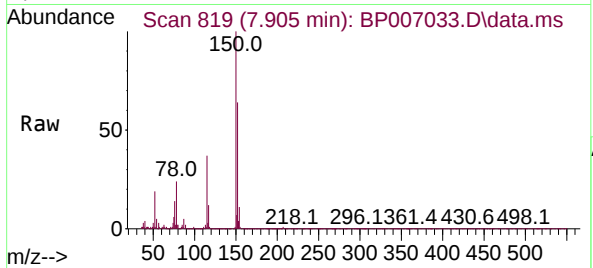




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.905 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

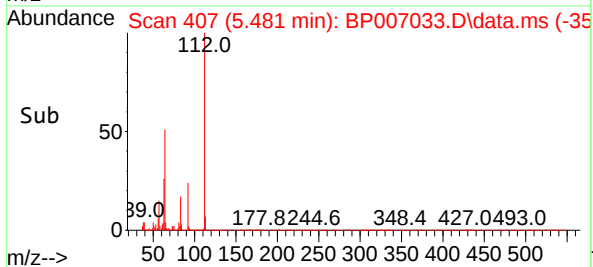
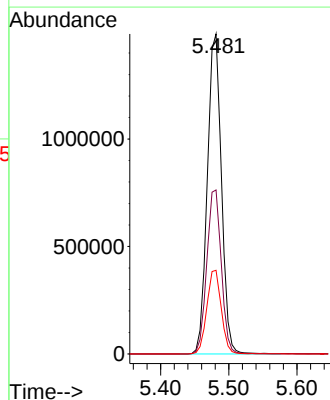
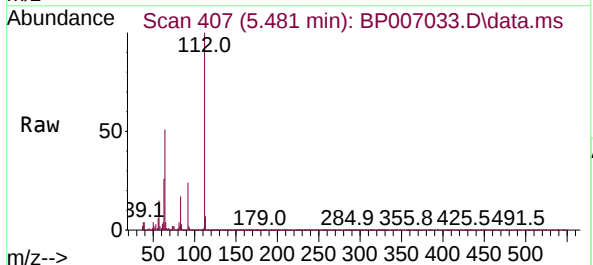
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)

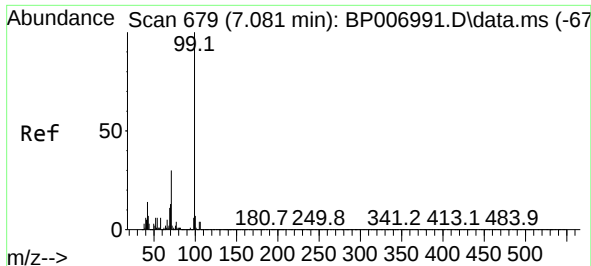
Tgt Ion:152 Resp: 265021  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.6 188.4  
115 57.1 48.5 72.7



#5  
2-Fluorophenol  
Concen: 132.200 ng  
RT: 5.481 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

Tgt Ion:112 Resp: 2145586  
Ion Ratio Lower Upper  
112 100  
64 51.2 41.4 62.2  
63 26.1 23.8 35.8

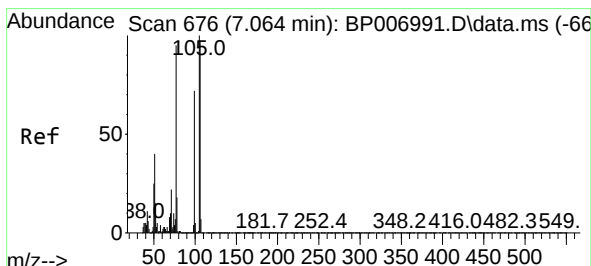
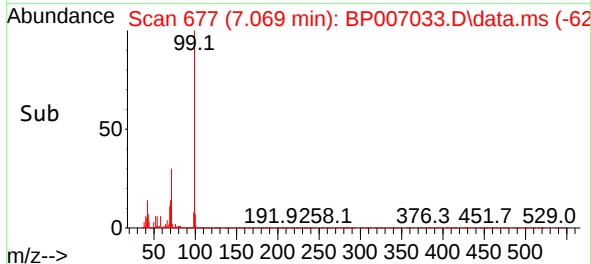
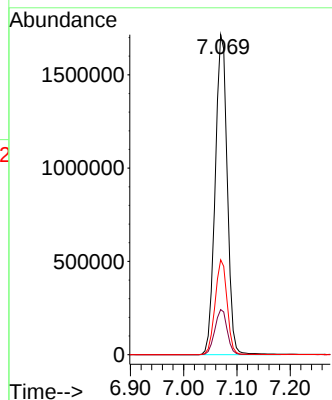
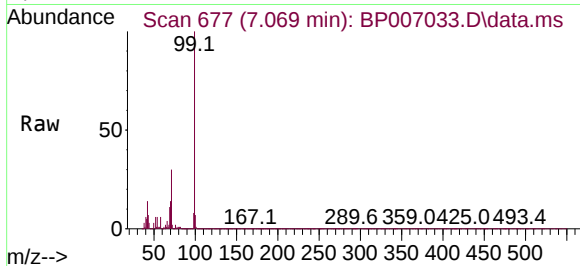




#7  
Phenol-d6  
Concen: 121.926 ng  
RT: 7.069 min Scan# 677  
Delta R.T. 0.000 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

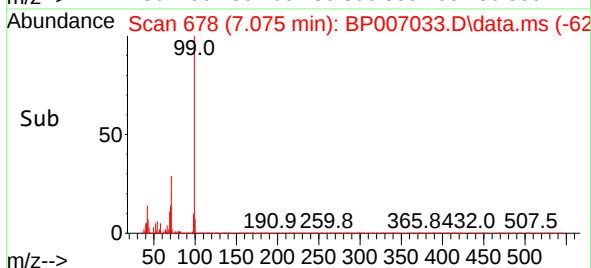
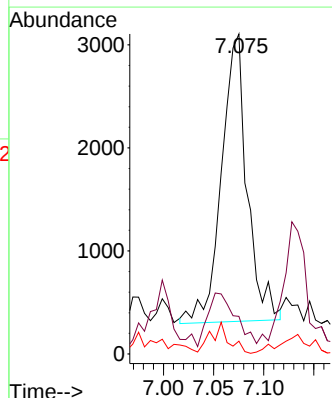
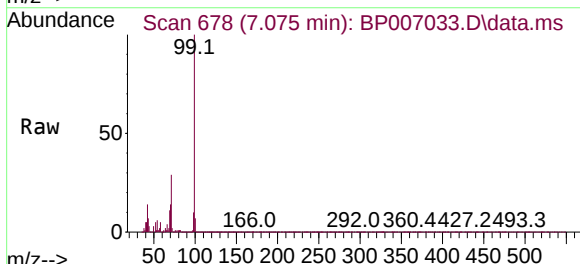
Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)

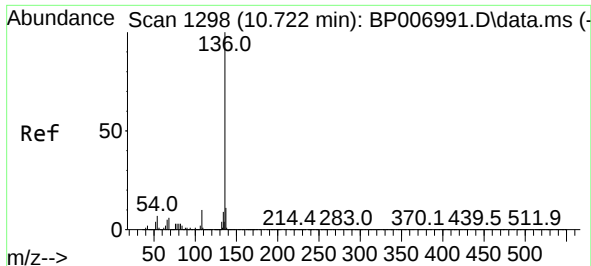
Tgt Ion: 99 Resp: 2700929  
Ion Ratio Lower Upper  
99 100  
42 14.1 13.4 20.0  
71 29.6 30.6 46.0#



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.075 min Scan# 678  
Delta R.T. 0.029 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

Tgt Ion: 77 Resp: 4963  
Ion Ratio Lower Upper  
77 100  
105 11.8 76.7 116.7#  
106 4.0 76.2 116.2#



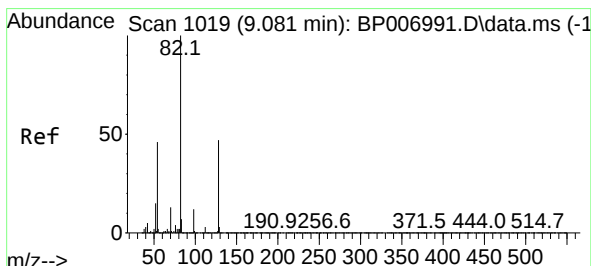
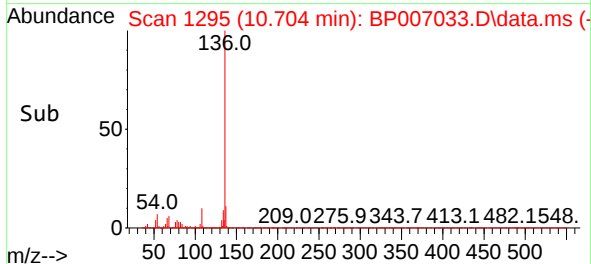
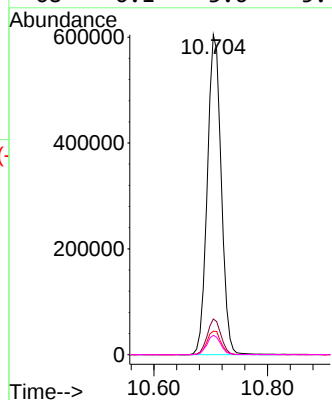
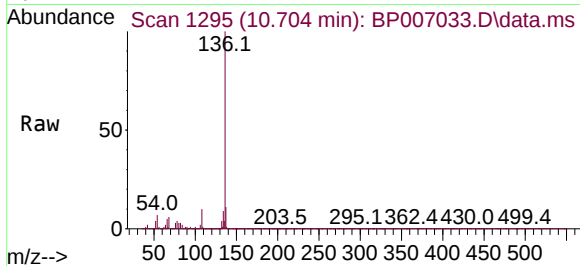


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1295  
Delta R.T. -0.006 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

Instrument :  
BNA\_P  
ClientSampleId :  
NAPL-05-(29-31)

Tgt Ion: 136 Resp: 1023103

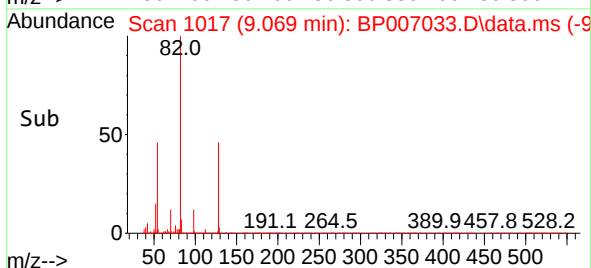
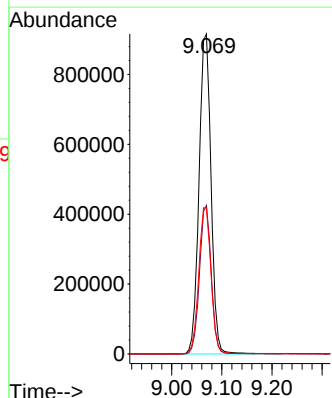
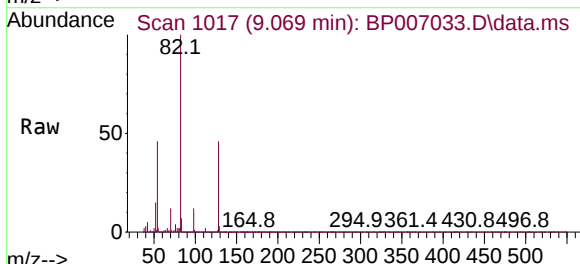
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.6   | 12.8  |
| 54  | 7.4   | 4.6   | 6.8#  |
| 68  | 6.1   | 3.6   | 5.4#  |

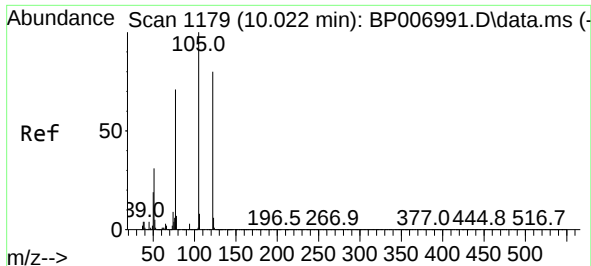


#23  
Nitrobenzene-d5  
Concen: 83.476 ng  
RT: 9.069 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

Tgt Ion: 82 Resp: 1520611

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.4  | 35.7  | 53.5  |
| 54  | 45.5  | 35.0  | 52.4  |

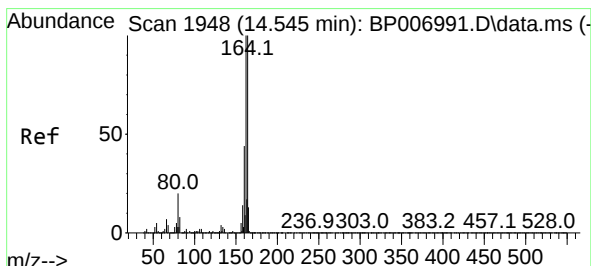
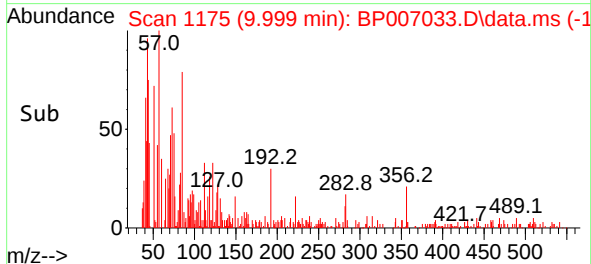
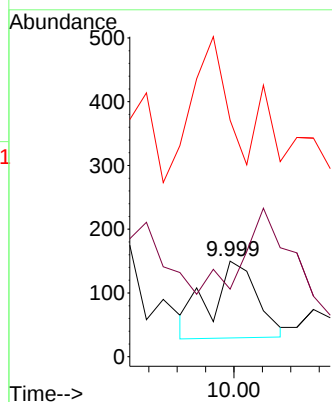
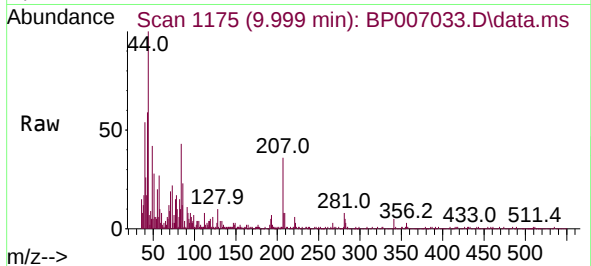




#32  
Benzoic acid  
Concen: 6.107 ng  
RT: 9.999 min Scan# 1175  
Delta R.T. -0.012 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

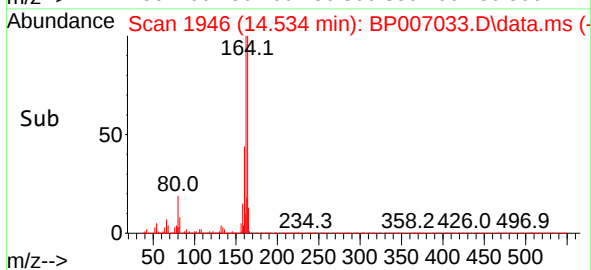
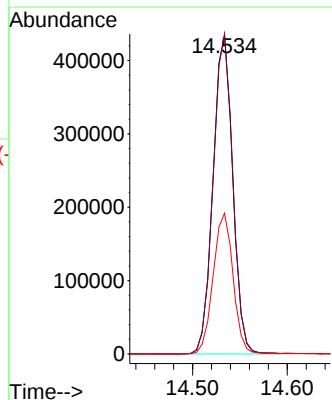
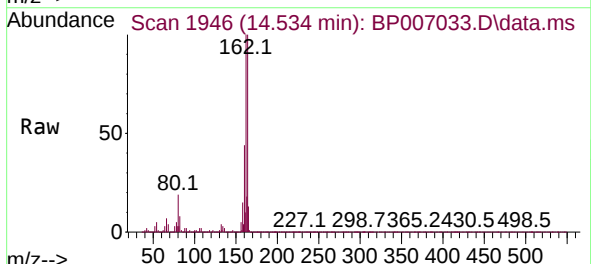
Instrument :  
BNA\_P  
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NAPL-05-(29-31)

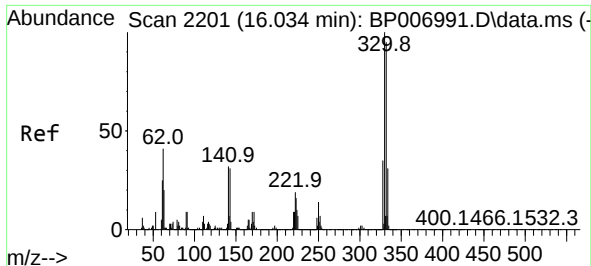
Tgt Ion:122 Resp: 137  
Ion Ratio Lower Upper  
122 100  
105 70.7 103.2 143.2#  
77 247.3 76.2 116.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.534 min Scan# 1946  
Delta R.T. -0.006 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

Tgt Ion:164 Resp: 625109  
Ion Ratio Lower Upper  
164 100  
162 100.3 80.2 120.2  
160 44.1 34.5 51.7

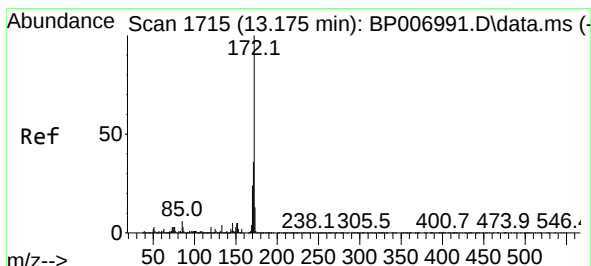
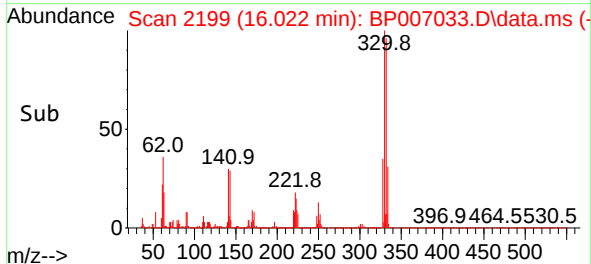
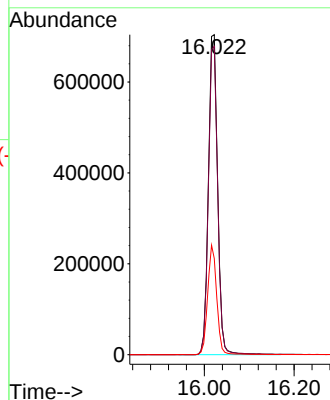
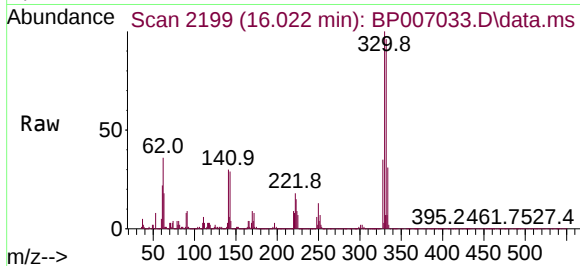




#42  
2,4,6-Tribromophenol  
Concen: 133.809 ng  
RT: 16.022 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

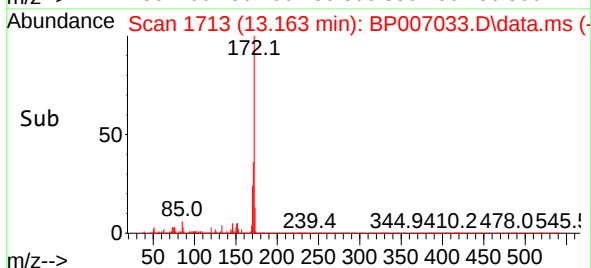
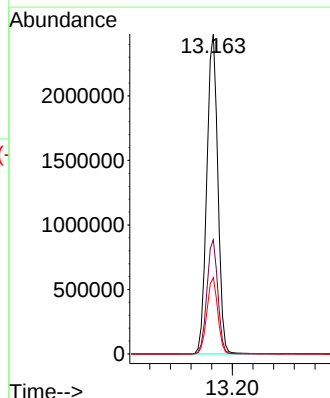
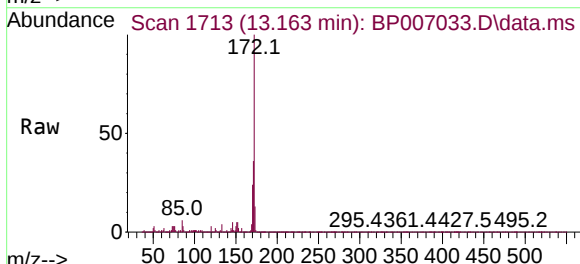
Instrument :  
BNA\_P  
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NAPL-05-(29-31)

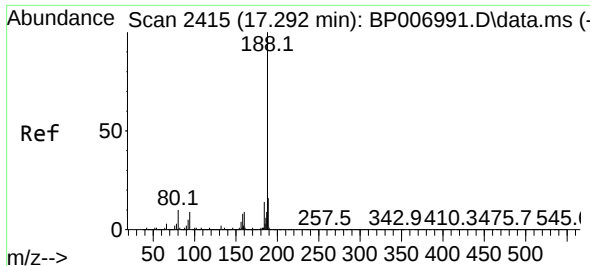
Tgt Ion:330 Resp: 1005929  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.8  
141 33.7 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 81.125 ng  
RT: 13.163 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

Tgt Ion:172 Resp: 3673416  
Ion Ratio Lower Upper  
172 100  
171 35.7 27.9 41.9  
170 23.9 18.6 27.8

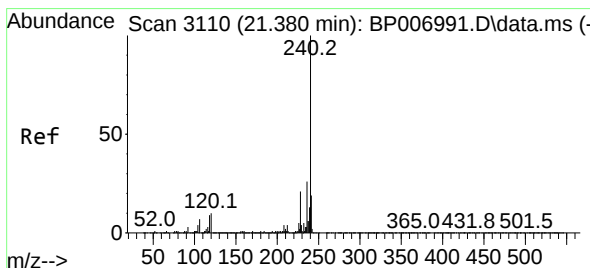
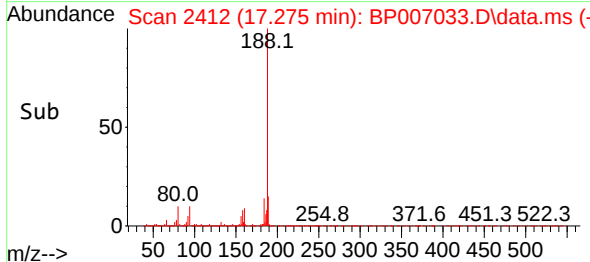
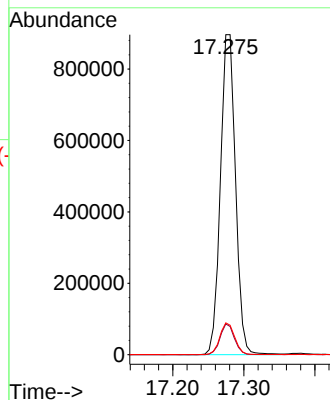
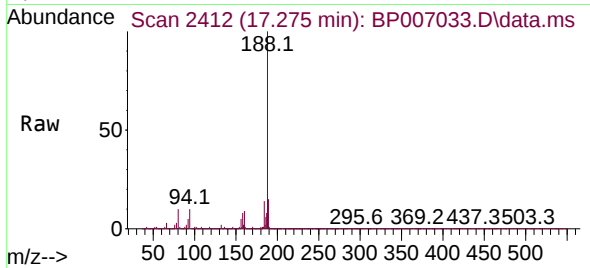




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.275 min Scan# 2412  
Delta R.T. -0.012 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

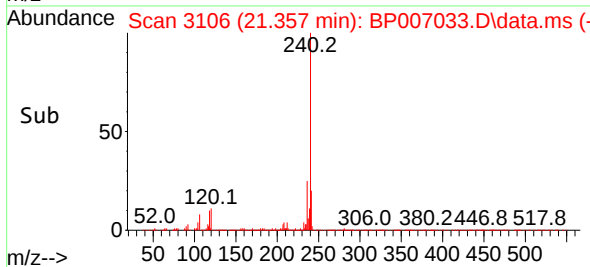
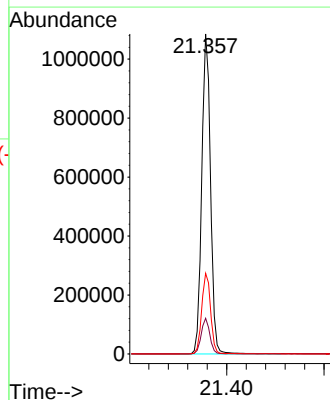
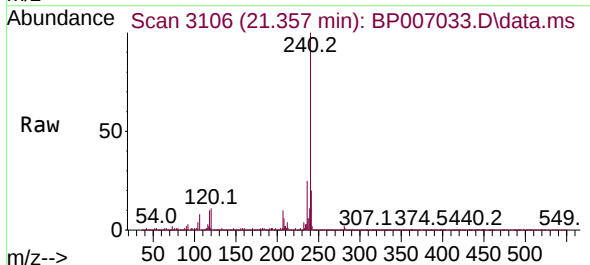
Instrument :  
BNA\_P  
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NAPL-05-(29-31)

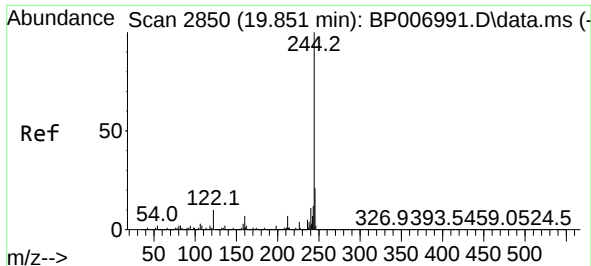
Tgt Ion:188 Resp: 1318279  
Ion Ratio Lower Upper  
188 100  
94 9.6 5.6 8.4#  
80 10.0 6.3 9.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.357 min Scan# 3106  
Delta R.T. -0.012 min  
Lab File: BP007033.D  
Acq: 17 Sep 2021 19:03

Tgt Ion:240 Resp: 1359190  
Ion Ratio Lower Upper  
240 100  
120 11.1 6.5 9.7#  
236 25.2 20.6 31.0

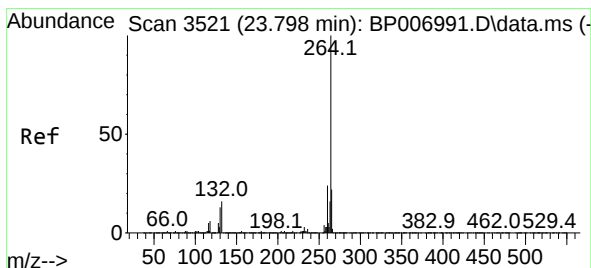
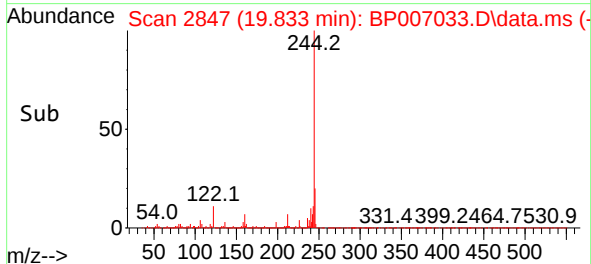
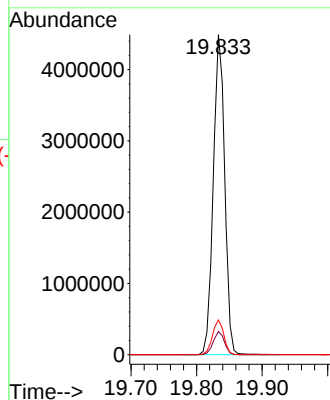
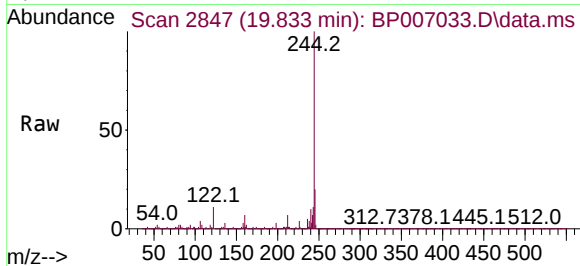




#79  
 Terphenyl-d14  
 Concen: 76.677 ng  
 RT: 19.833 min Scan# 2847  
 Delta R.T. -0.006 min  
 Lab File: BP007033.D  
 Acq: 17 Sep 2021 19:03

Instrument :  
 BNA\_P  
 ClientSampleId :  
 NAPL-05-(29-31)

Tgt Ion:244 Resp: 5431956  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.0 9.0  
 122 10.9 7.1 10.7#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.768 min Scan# 3516  
 Delta R.T. -0.012 min  
 Lab File: BP007033.D  
 Acq: 17 Sep 2021 19:03

Tgt Ion:264 Resp: 1424632  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.6 28.0  
 265 22.2 17.6 26.4

