

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070821\  
 Data File : BP006143.D  
 Acq On : 08 Jul 2021 17:01  
 Operator : CG/JU  
 Sample : M2967-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 1-5ft-GRACE-AVE-TP-1

Quant Time: Jul 08 17:29:00 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 07 16:08:13 2021  
 Response via : Initial Calibration

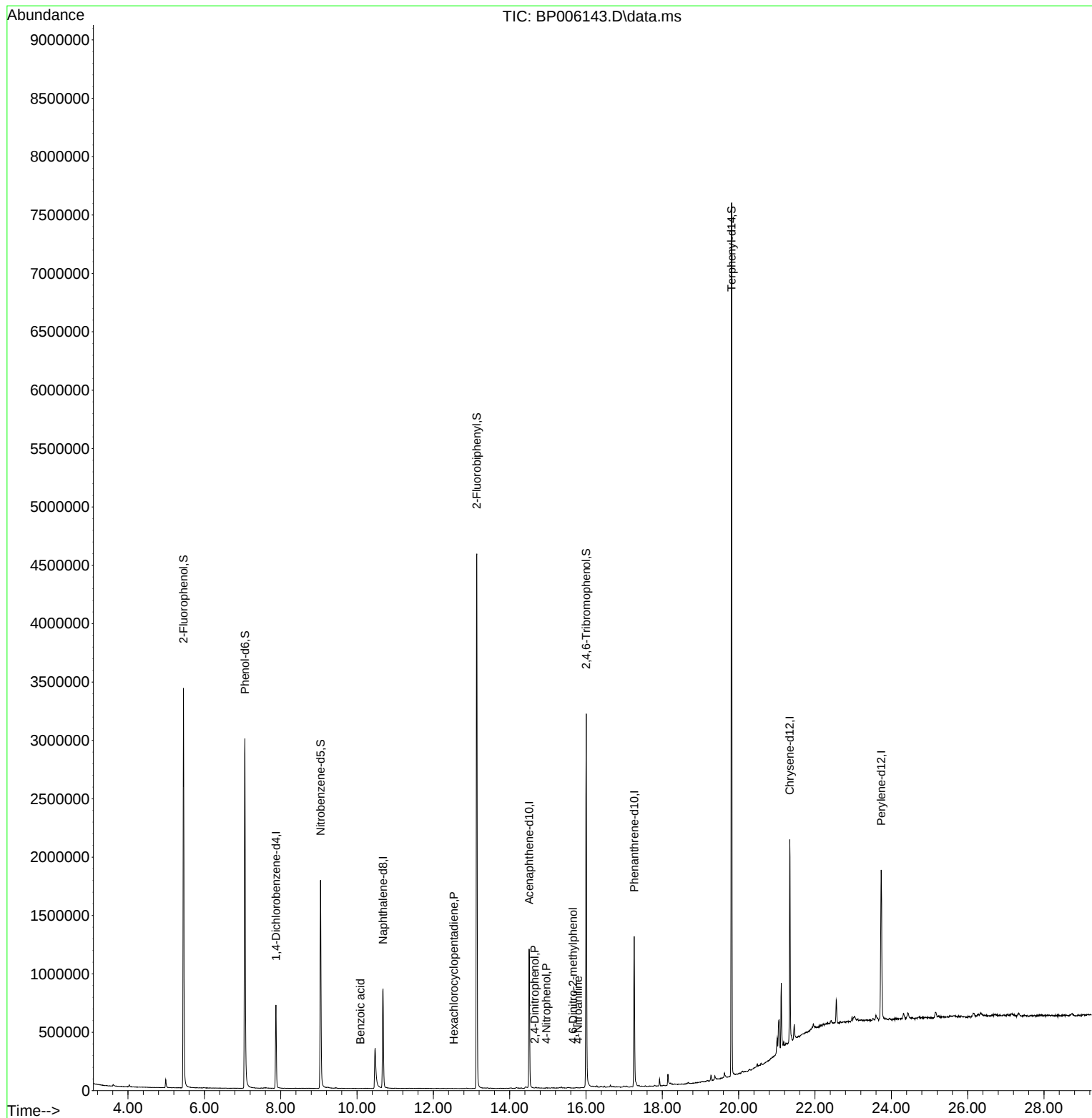
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.875  | 152  | 206310   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.681 | 136  | 793916   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.510 | 164  | 434678   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.263 | 188  | 801323   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.339 | 240  | 794329   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 23.733 | 264  | 949398   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.452  | 112  | 1683860  | 140.435 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.063  | 99   | 1956926  | 123.388 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.046  | 82   | 1110471  | 88.351  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.004 | 330  | 647663   | 125.149 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.139 | 172  | 2493902  | 84.818  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.816 | 244  | 3297034  | 81.837  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 32) Benzoic acid              | 10.087 | 122  | 67       | 6.910   | ng    | # 4      |
| 41) Hexachlorocyclopentadiene | 12.539 | 237  | 22       | 8.712   | ng    | 90       |
| 54) 2,4-Dinitrophenol         | 14.651 | 184  | 37       | 8.889   | ng    | # 1      |
| 56) 4-Nitrophenol             | 14.957 | 139  | 86       | 7.139   | ng    | 91       |
| 62) 4-Nitroaniline            | 15.792 | 138  | 99       | 2.971   | ng    | 84       |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 198  | 16       | 4.422   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

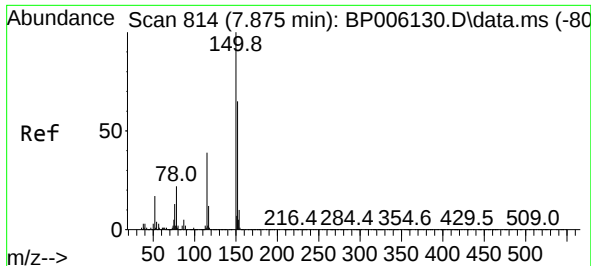
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070821\  
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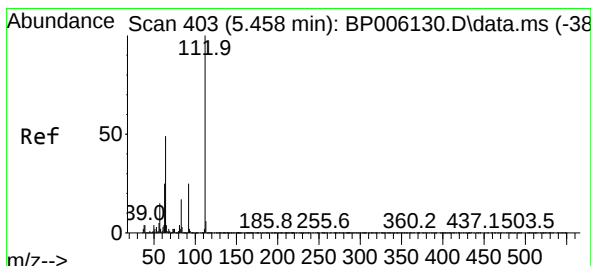
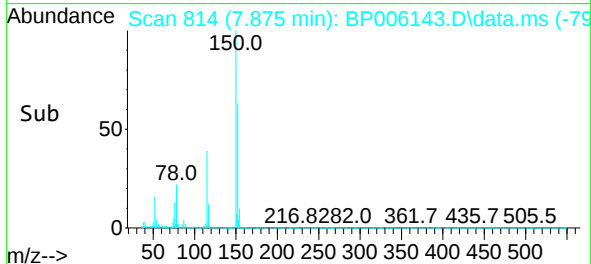
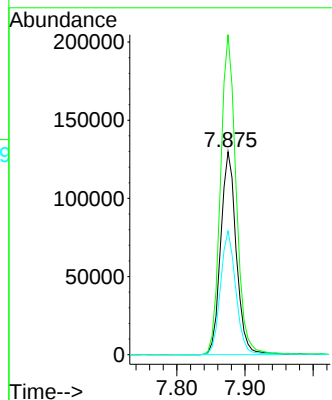
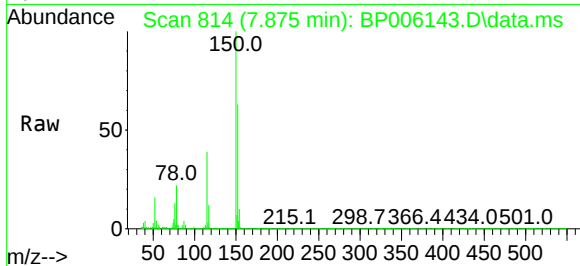




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.875 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

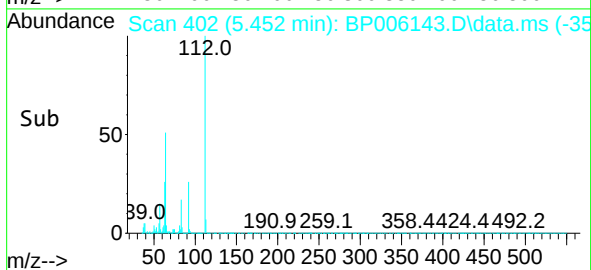
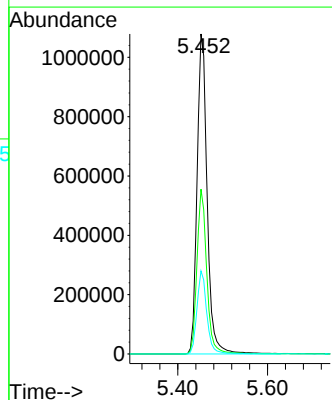
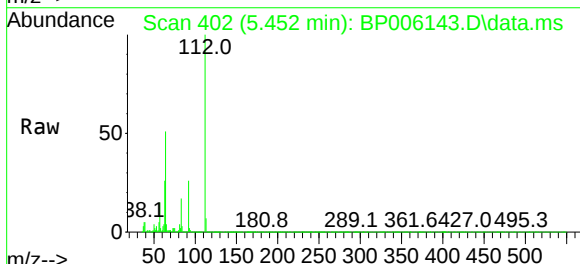
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BNA\_P  
ClientSampleId :  
1-5ft-GRACE-AVE-TP-1

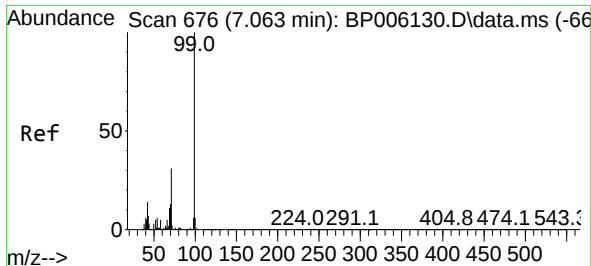
Tgt Ion:152 Resp: 206310  
Ion Ratio Lower Upper  
152 100  
150 157.8 125.6 188.4  
115 61.0 48.5 72.7



#5  
2-Fluorophenol  
Concen: 140.435 ng  
RT: 5.452 min Scan# 402  
Delta R.T. -0.006 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

Tgt Ion:112 Resp: 1683860  
Ion Ratio Lower Upper  
112 100  
64 51.5 41.4 62.2  
63 25.9 23.8 35.8



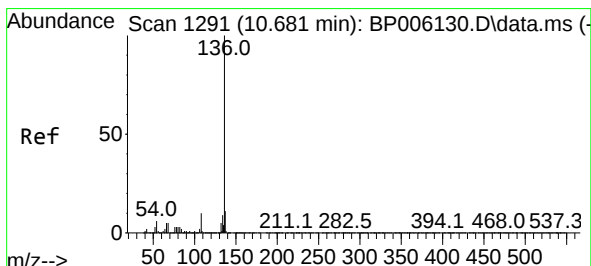
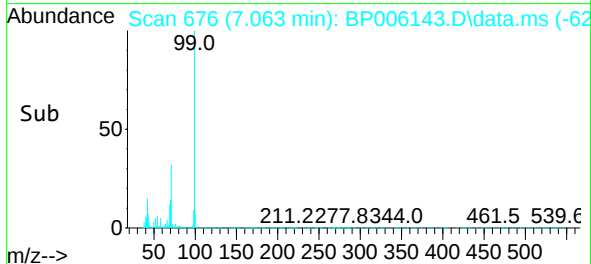
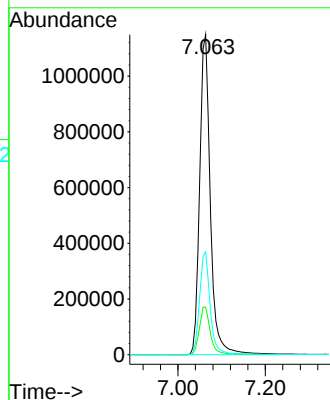
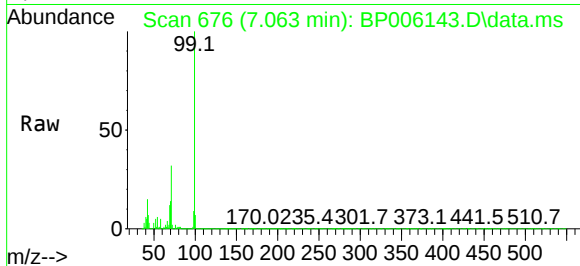


#7  
Phenol-d6  
Concen: 123.388 ng  
RT: 7.063 min Scan# 676  
Delta R.T. -0.000 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

Instrument :  
BNA\_P  
ClientSampleId :  
1-5ft-GRACE-AVE-TP-1

Tgt Ion: 99 Resp: 1956926

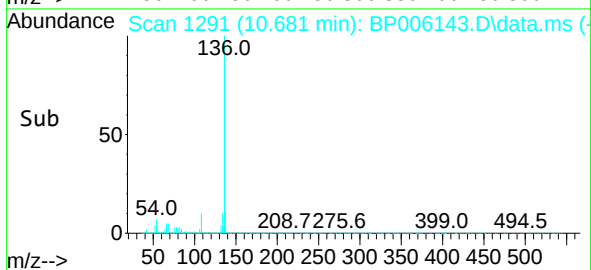
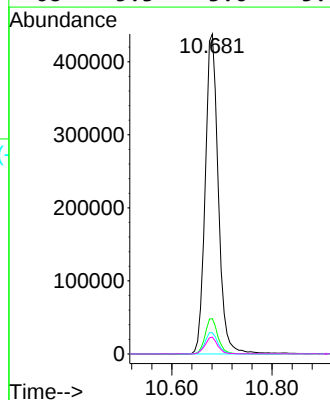
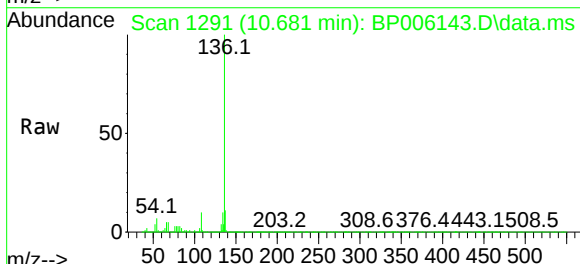
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.9  | 13.4  | 20.0  |
| 71  | 32.1  | 30.6  | 46.0  |

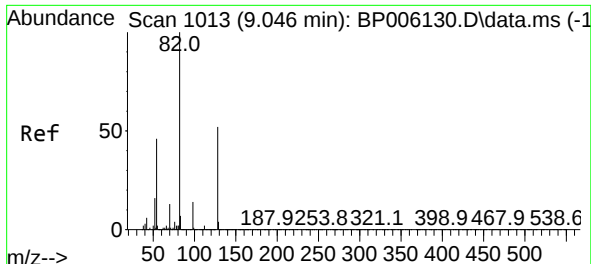


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.681 min Scan# 1291  
Delta R.T. -0.000 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

Tgt Ion: 136 Resp: 793916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.1  | 8.6   | 12.8  |
| 54  | 6.6   | 4.6   | 6.8   |
| 68  | 5.3   | 3.6   | 5.4   |

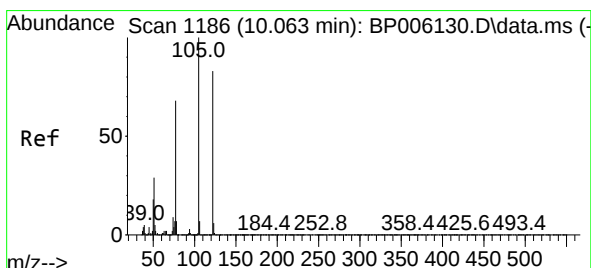
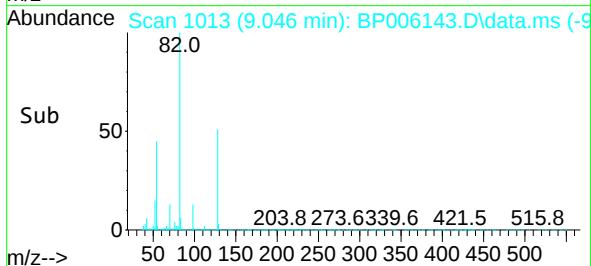
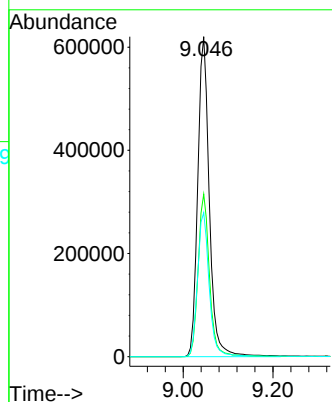
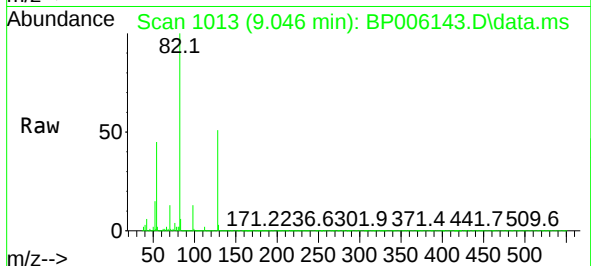




#23  
Nitrobenzene-d5  
Concen: 88.351 ng  
RT: 9.046 min Scan# 1013  
Delta R.T. -0.000 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

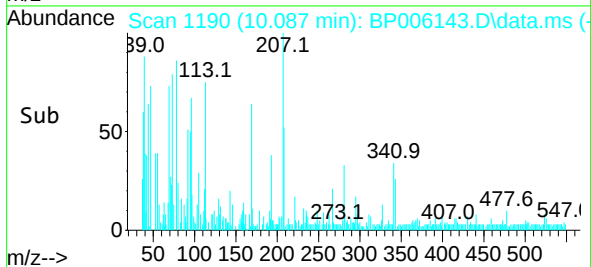
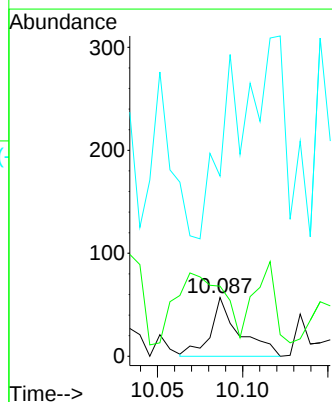
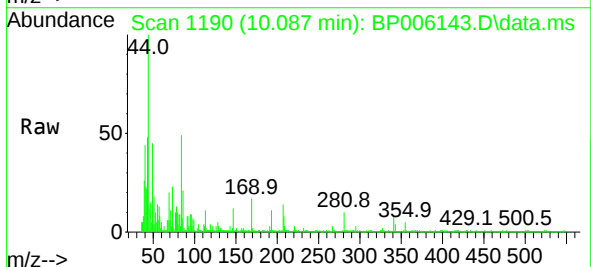
Instrument :  
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ClientSampleId :  
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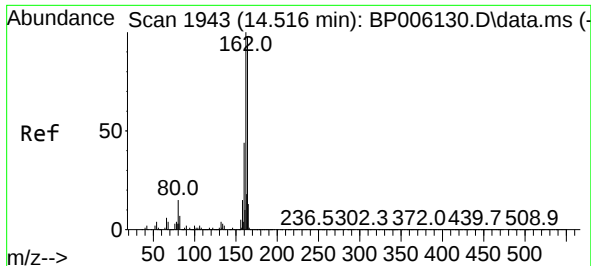
Tgt Ion: 82 Resp: 1110471  
Ion Ratio Lower Upper  
82 100  
128 50.8 35.7 53.5  
54 45.0 35.0 52.4



#32  
Benzoic acid  
Concen: 6.910 ng  
RT: 10.087 min Scan# 1190  
Delta R.T. 0.024 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

Tgt Ion:122 Resp: 67  
Ion Ratio Lower Upper  
122 100  
105 119.3 103.2 143.2  
77 307.0 76.2 116.2#

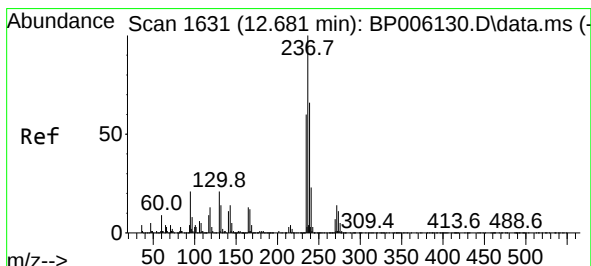
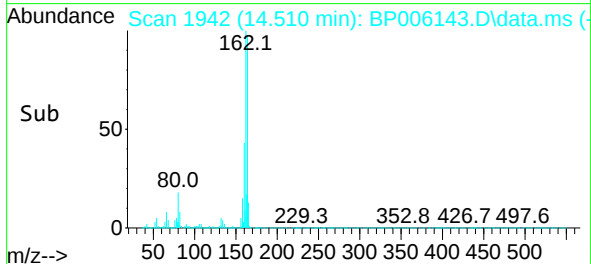
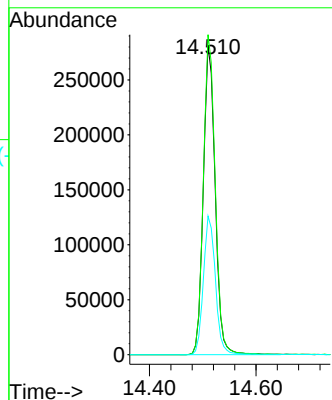
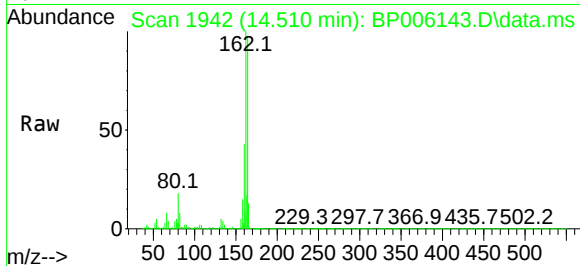




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.510 min Scan# 1942  
Delta R.T. -0.006 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

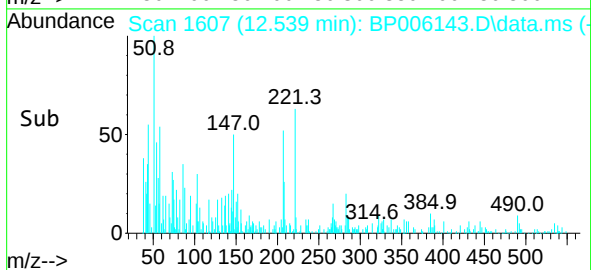
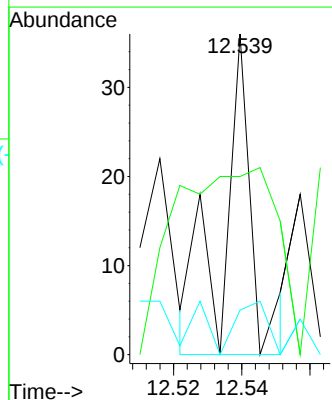
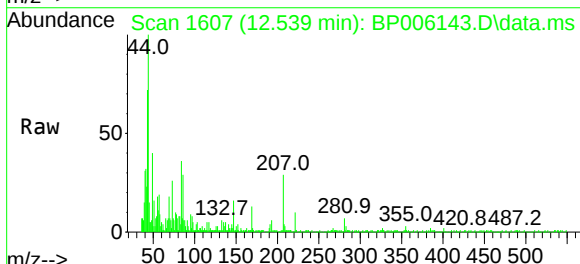
Instrument :  
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1-5ft-GRACE-AVE-TP-1

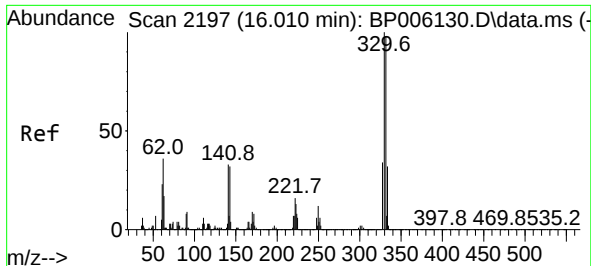
Tgt Ion:164 Resp: 434678  
Ion Ratio Lower Upper  
164 100  
162 103.5 80.2 120.2  
160 44.8 34.5 51.7



#41  
Hexachlorocyclopentadiene  
Concen: 8.712 ng  
RT: 12.539 min Scan# 1607  
Delta R.T. -0.142 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

Tgt Ion:237 Resp: 22  
Ion Ratio Lower Upper  
237 100  
235 55.6 44.5 84.5  
272 13.9 0.0 32.5

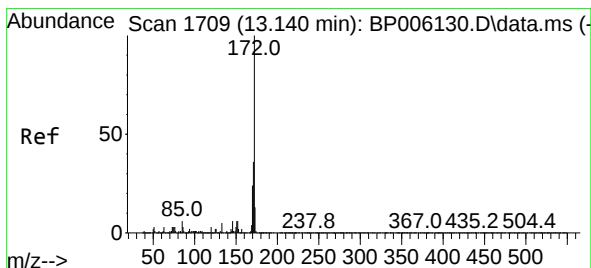
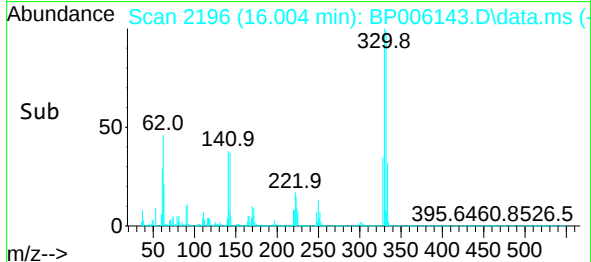
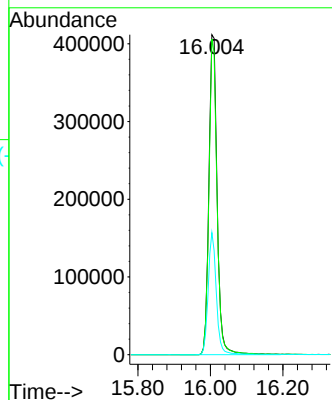
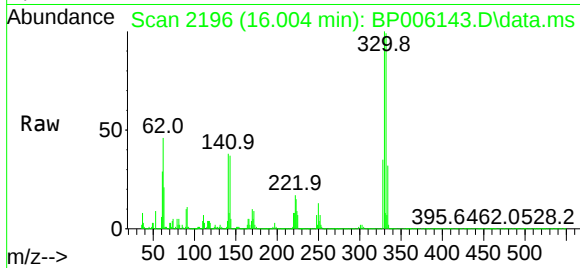




#42  
2,4,6-Tribromophenol  
Concen: 125.149 ng  
RT: 16.004 min Scan# 2196  
Delta R.T. -0.006 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

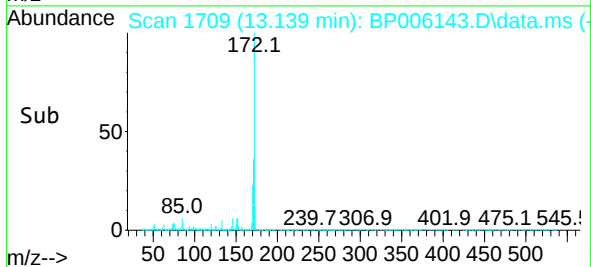
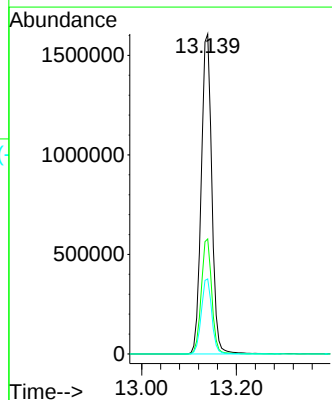
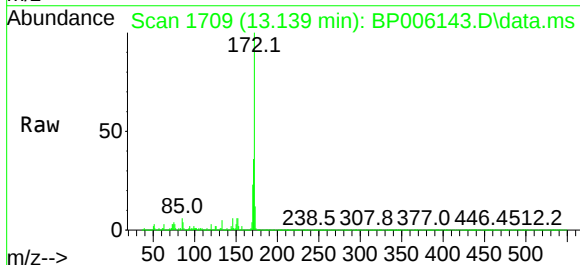
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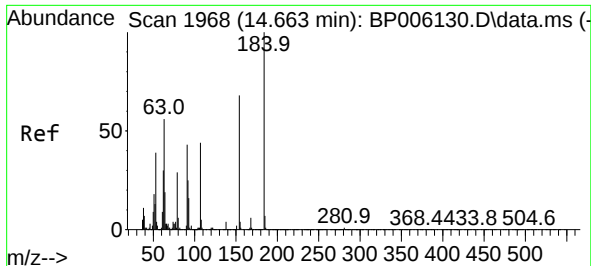
Tgt Ion:330 Resp: 647663  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.8 116.8  
141 37.7 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 84.818 ng  
RT: 13.139 min Scan# 1709  
Delta R.T. -0.000 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

Tgt Ion:172 Resp: 2493902  
Ion Ratio Lower Upper  
172 100  
171 35.9 27.9 41.9  
170 23.5 18.6 27.8

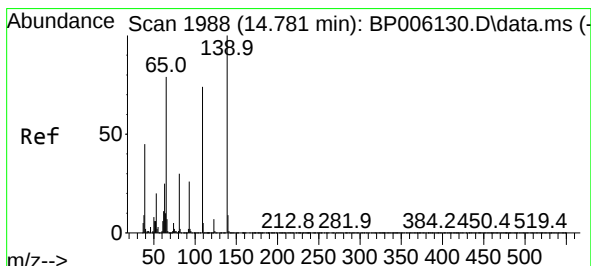
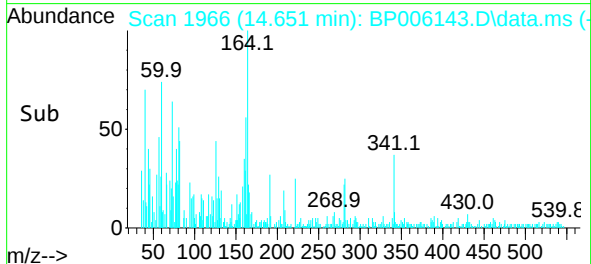
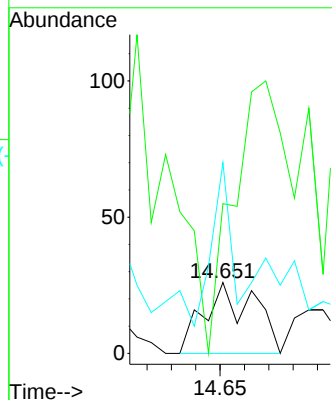
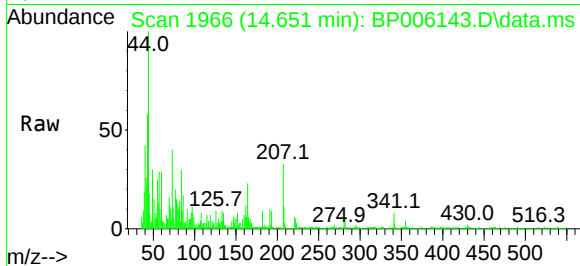




#54  
2,4-Dinitrophenol  
Concen: 8.889 ng  
RT: 14.651 min Scan# 1966  
Delta R.T. -0.012 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

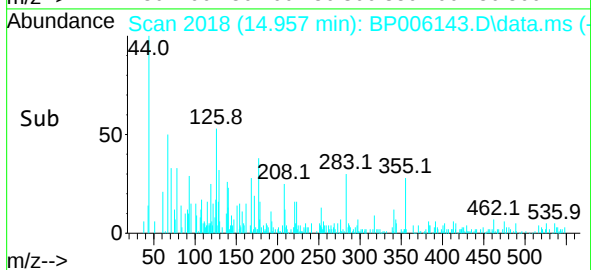
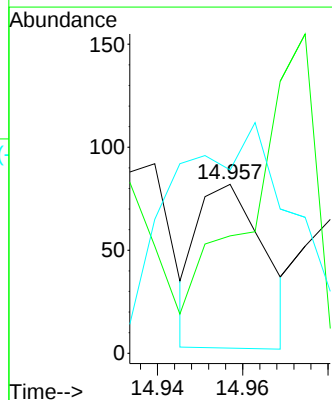
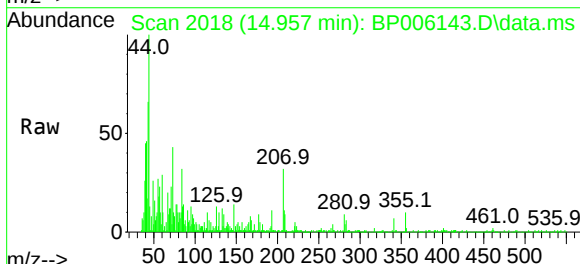
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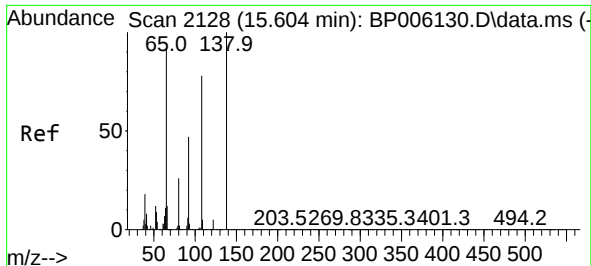
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Ion Ratio Lower Upper  
184 100  
63 211.5 47.0 70.6#  
154 269.2 52.3 78.5#



#56  
4-Nitrophenol  
Concen: 7.139 ng  
RT: 14.957 min Scan# 2018  
Delta R.T. 0.176 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

Tgt Ion:139 Resp: 86  
Ion Ratio Lower Upper  
139 100  
109 90.2 72.3 112.3  
65 108.5 72.5 112.5

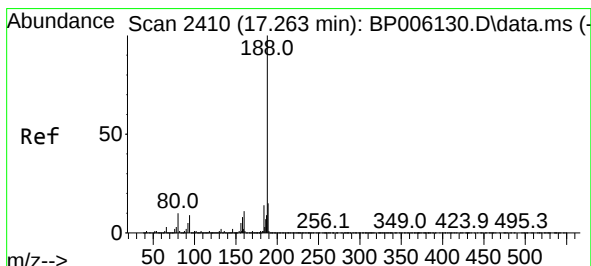
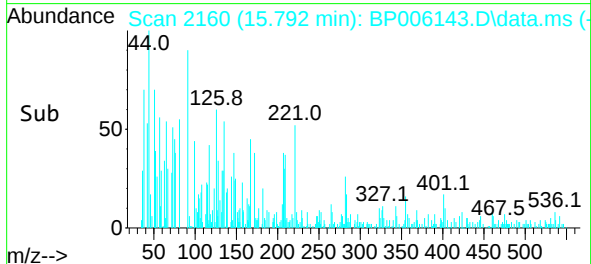
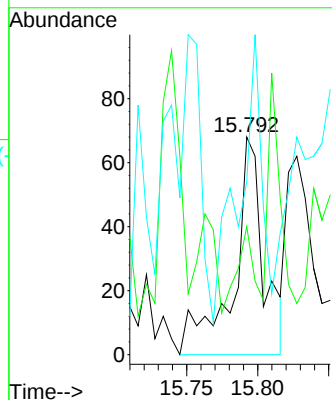
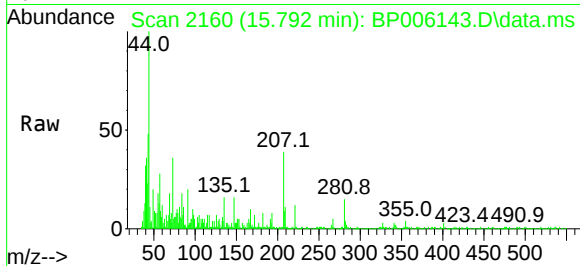




#62  
4-Nitroaniline  
Concen: 2.971 ng  
RT: 15.792 min Scan# 2160  
Delta R.T. 0.188 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

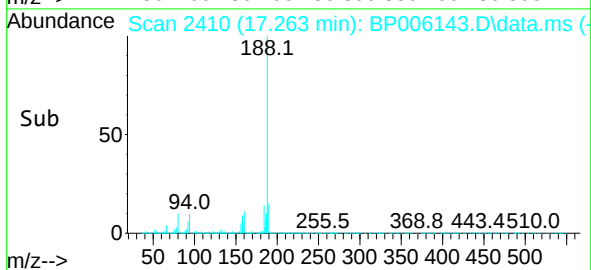
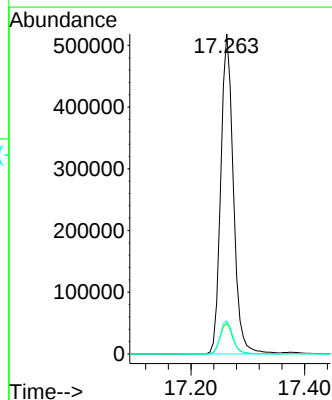
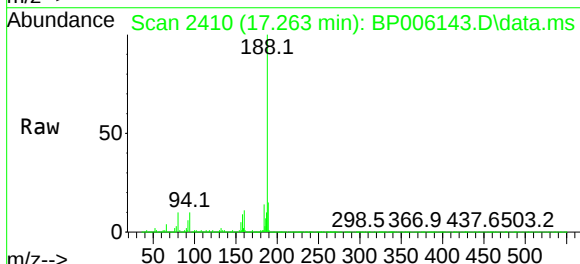
Instrument :  
BNA\_P  
ClientSampleId :  
1-5ft-GRACE-AVE-TP-1

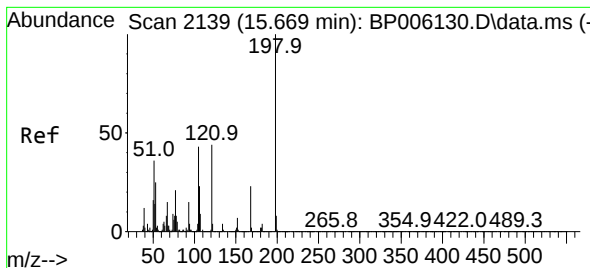
Tgt Ion:138 Resp: 99  
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138 100  
92 58.8 31.2 71.2  
108 79.4 78.6 118.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.263 min Scan# 2410  
Delta R.T. -0.000 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

Tgt Ion:188 Resp: 801323  
Ion Ratio Lower Upper  
188 100  
94 9.7 5.6 8.4#  
80 10.3 6.3 9.5#

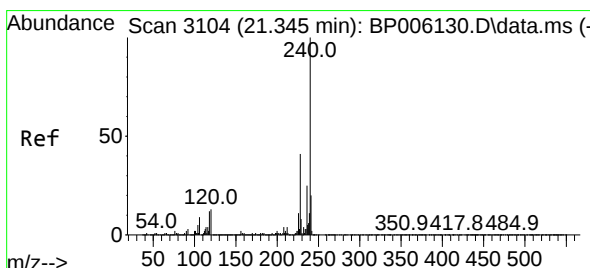
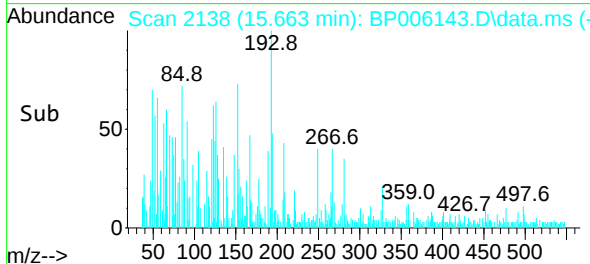
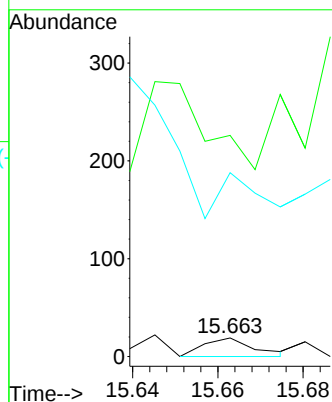
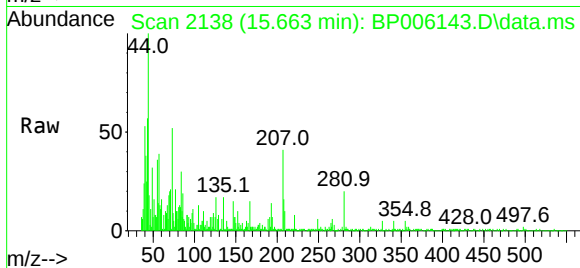




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.422 ng  
RT: 15.663 min Scan# 2138  
Delta R.T. -0.006 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

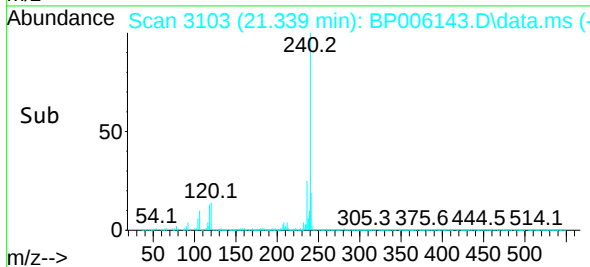
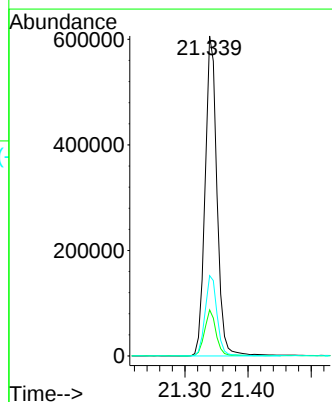
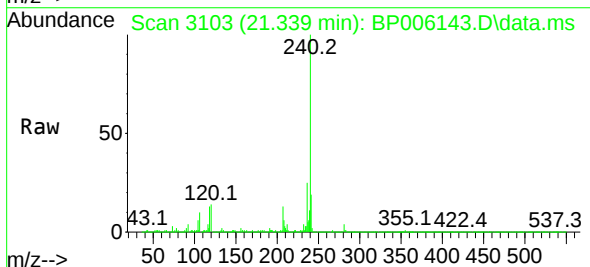
Instrument :  
BNA\_P  
ClientSampleId :  
1-5ft-GRACE-AVE-TP-1

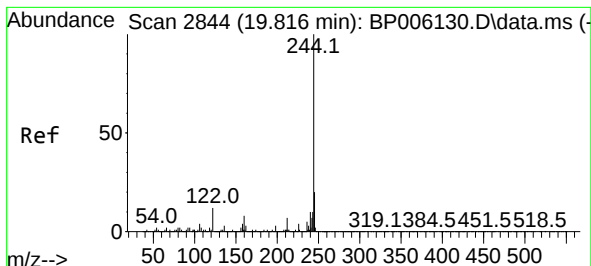
Tgt Ion:198 Resp: 16  
Ion Ratio Lower Upper  
198 100  
51 1189.5 14.0 54.0#  
105 989.5 19.5 59.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.339 min Scan# 3103  
Delta R.T. -0.006 min  
Lab File: BP006143.D  
Acq: 08 Jul 2021 17:01

Tgt Ion:240 Resp: 794329  
Ion Ratio Lower Upper  
240 100  
120 14.4 6.5 9.7#  
236 25.1 20.6 31.0





#79

Terphenyl-d14

Concen: 81.837 ng

RT: 19.816 min Scan# 2844

Delta R.T. -0.000 min

Lab File: BP006143.D

Acq: 08 Jul 2021 17:01

Instrument :

BNA\_P

ClientSampleId :

1-5ft-GRACE-AVE-TP-1

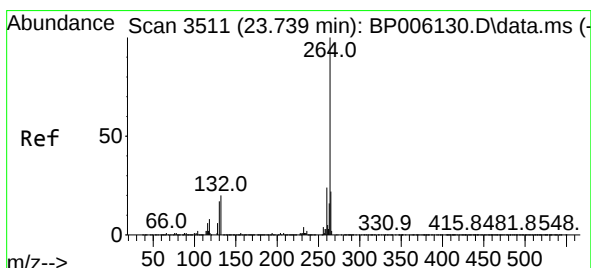
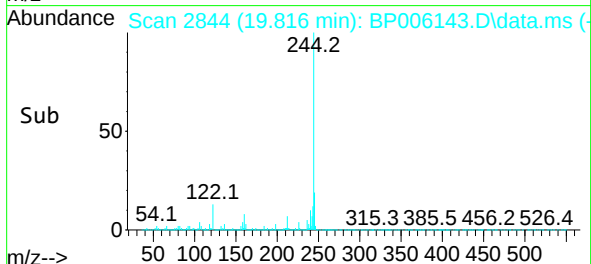
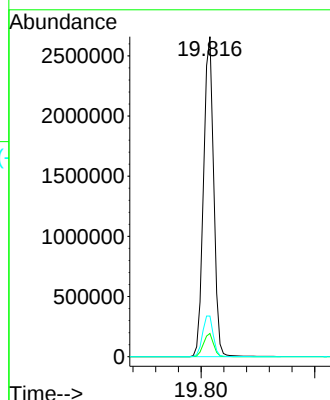
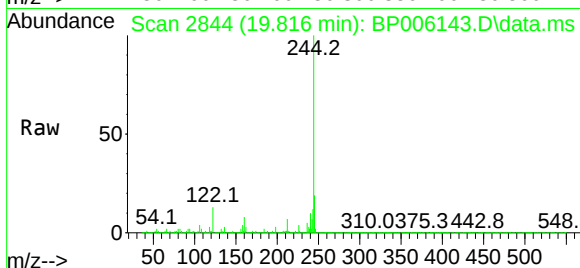
Tgt Ion:244 Resp: 3297034

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 12.7 7.1 10.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3510

Delta R.T. -0.006 min

Lab File: BP006143.D

Acq: 08 Jul 2021 17:01

Tgt Ion:264 Resp: 949398

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 22.8 17.6 26.4

