

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP051521\  
 Data File : BP005572.D  
 Acq On : 15 May 2021 17:13  
 Operator : CG/JU  
 Sample : PB136344TB  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PB136344TB

Quant Time: May 16 02:45:47 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP050521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 14 12:01:17 2021  
 Response via : Initial Calibration

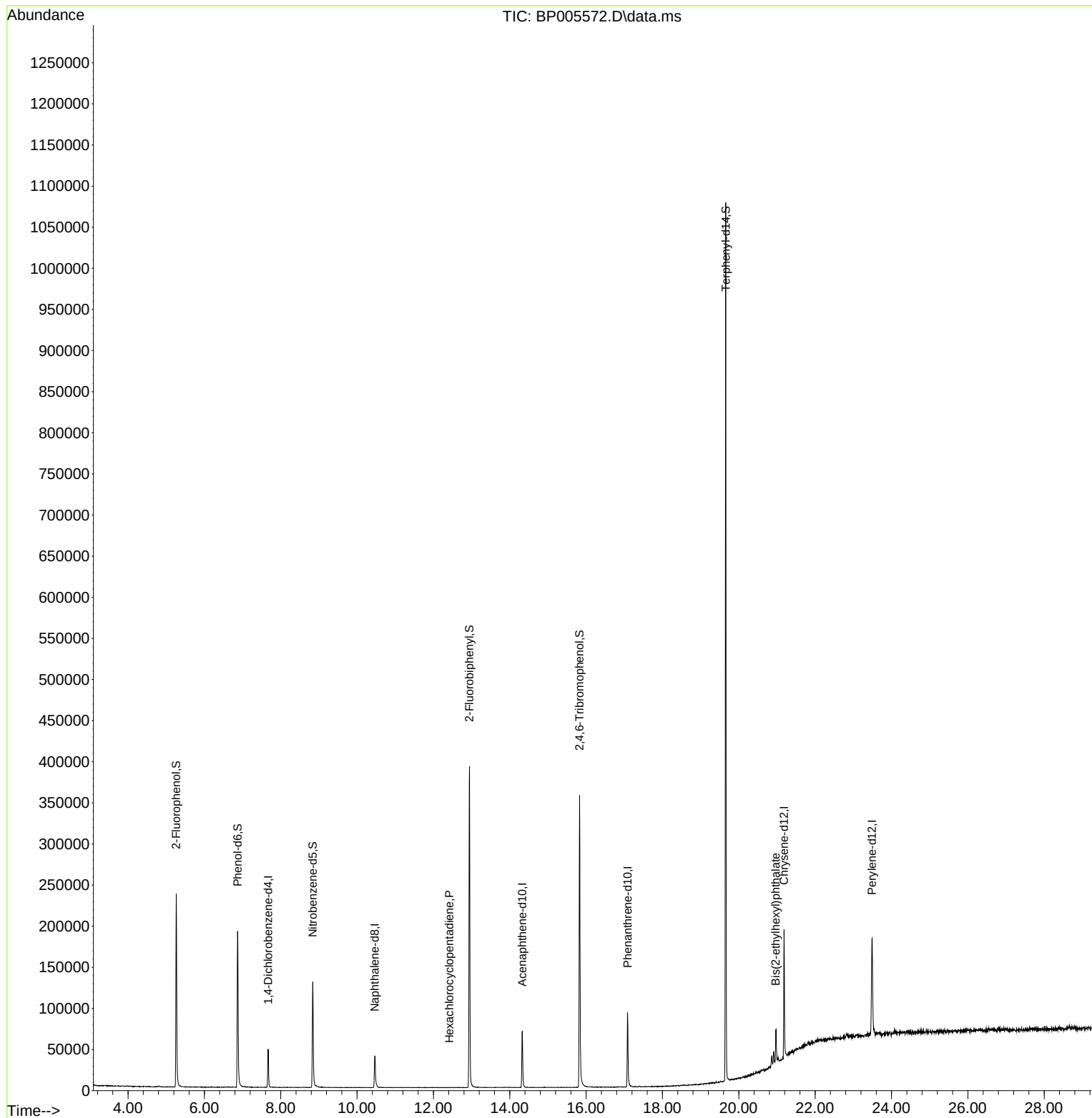
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.669  | 152  | 9436     | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.463 | 136  | 30343    | 20.00     | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.328 | 164  | 24344    | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.086 | 188  | 56890    | 20.00     | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.186 | 240  | 76810    | 20.00     | ng    | # 0.00   |
| 86) Perylene-d12              | 23.486 | 264  | 100885   | 20.00     | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.264  | 112  | 74108    | 150.72    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.869  | 99   | 81490    | 132.91    | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 8.840  | 82   | 70253    | 91.13     | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 15.828 | 330  | 76098    | 110.16    | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 12.945 | 172  | 181702   | 84.20     | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.657 | 244  | 422072   | 93.32     | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.164  | 88   | 43       | Below Cal | #     | 59       |
| 9) Benzaldehyde               | 6.811  | 77   | 25       | Below Cal | #     | 20       |
| 41) Hexachlorocyclopentadiene | 12.416 | 237  | 16       | 7.90      | ng    | 82       |
| 84) Bis(2-ethylhexyl)phtha... | 20.969 | 149  | 12103    | 5.63      | ng    | # 54     |
| -----                         |        |      |          |           |       |          |

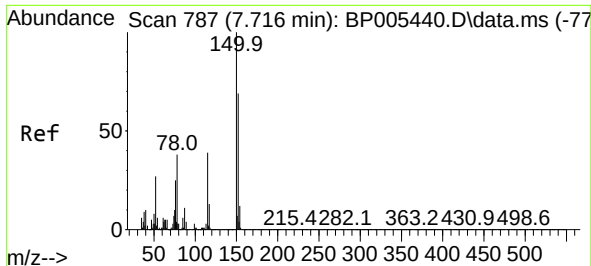
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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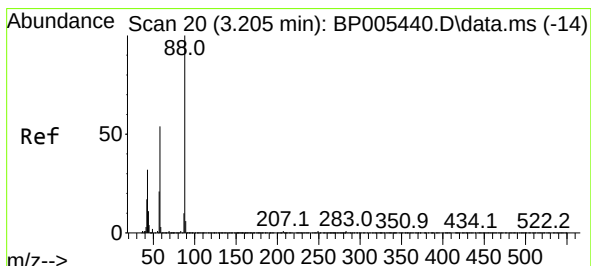
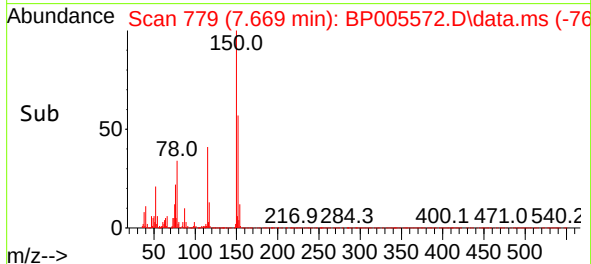
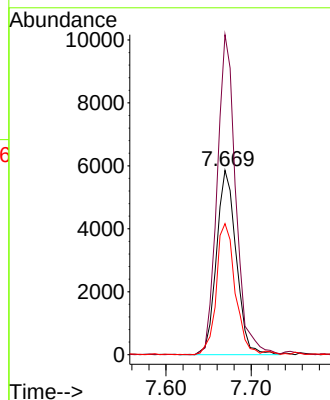
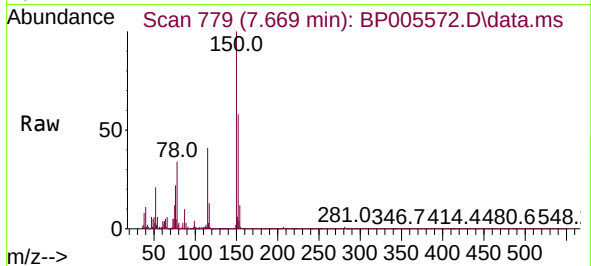




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.669 min Scan# 779  
Delta R.T. -0.006 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

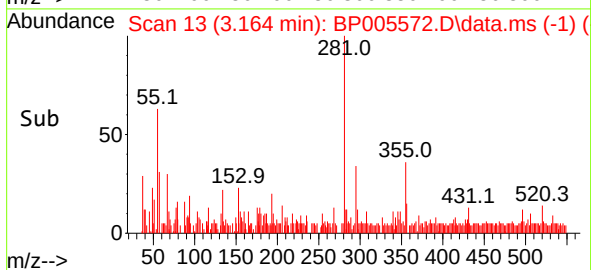
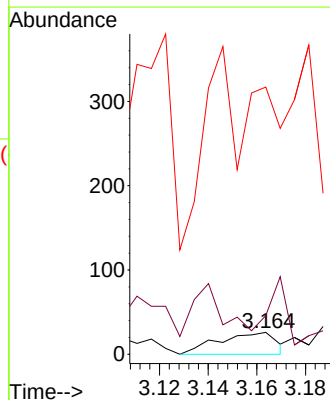
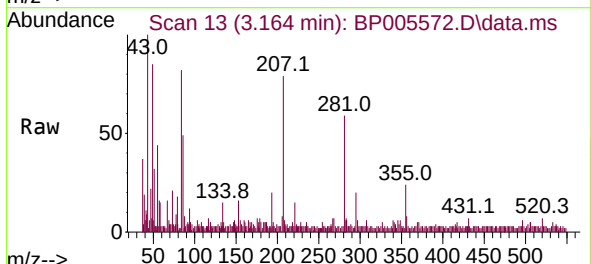
Instrument :  
BNA\_P  
ClientSampleId :  
PB136344TB

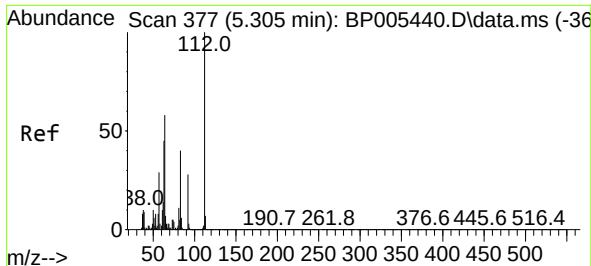
Tgt Ion:152 Resp: 9436  
Ion Ratio Lower Upper  
152 100  
150 173.6 119.8 179.8  
115 71.1 49.0 73.4



#2  
1,4-Dioxane  
Concen: Below Cal  
RT: 3.164 min Scan# 13  
Delta R.T. 0.006 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

Tgt Ion: 88 Resp: 43  
Ion Ratio Lower Upper  
88 100  
58 79.1 42.5 63.7#  
43 0.0 19.8 29.8#

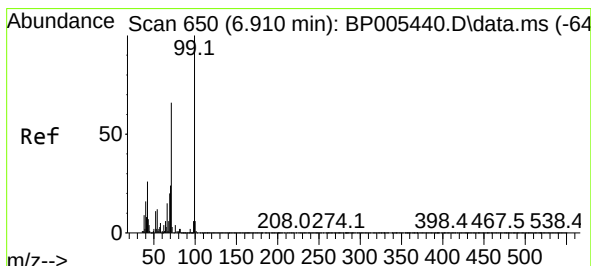
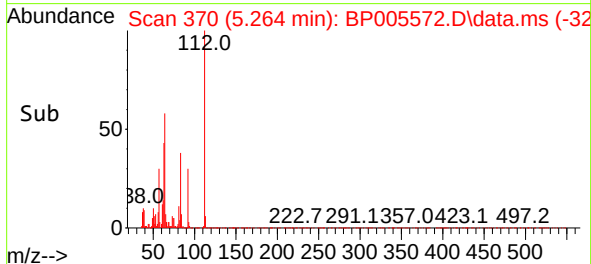
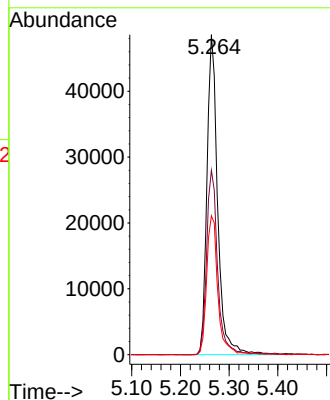
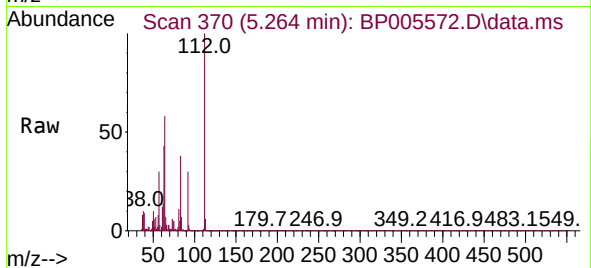




#5  
2-Fluorophenol  
Concen: 150.72 ng  
RT: 5.264 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

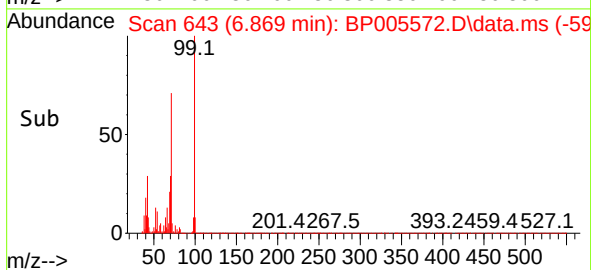
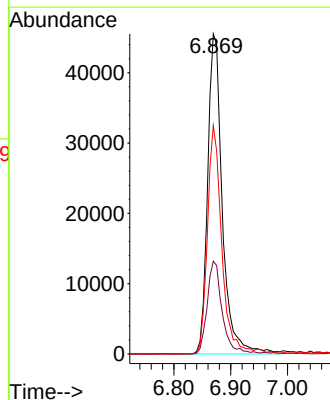
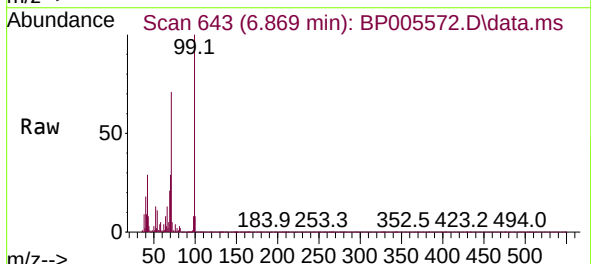
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BNA\_P  
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PB136344TB

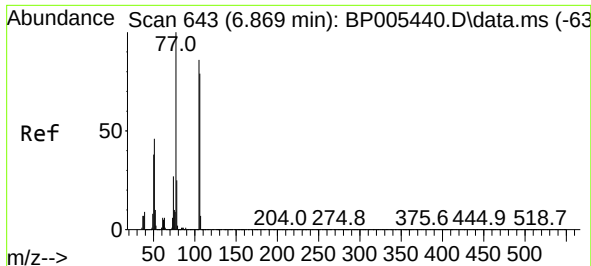
Tgt Ion:112 Resp: 74108  
Ion Ratio Lower Upper  
112 100  
64 57.6 33.6 50.4#  
63 43.4 18.6 27.8#



#7  
Phenol-d6  
Concen: 132.91 ng  
RT: 6.869 min Scan# 643  
Delta R.T. -0.012 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

Tgt Ion: 99 Resp: 81490  
Ion Ratio Lower Upper  
99 100  
42 29.0 12.9 19.3#  
71 71.3 26.7 40.1#

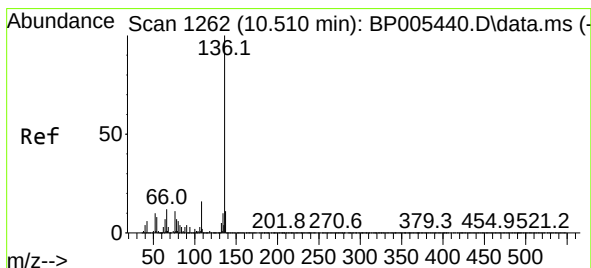
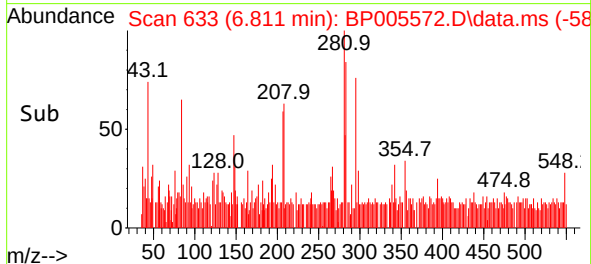
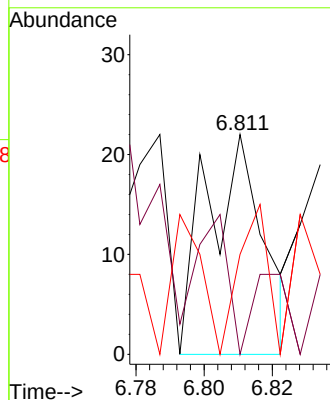
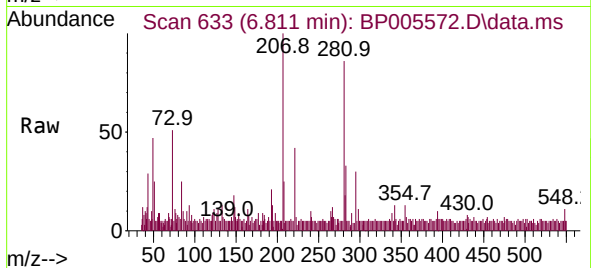




#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.811 min Scan# 633  
Delta R.T. -0.018 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

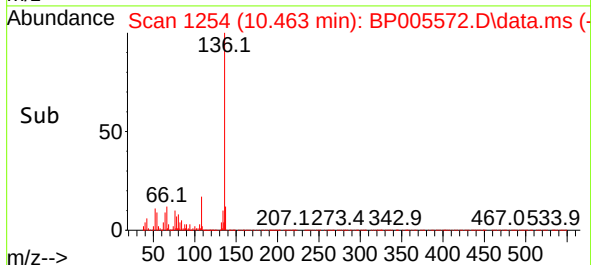
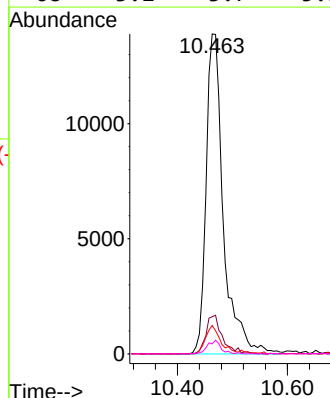
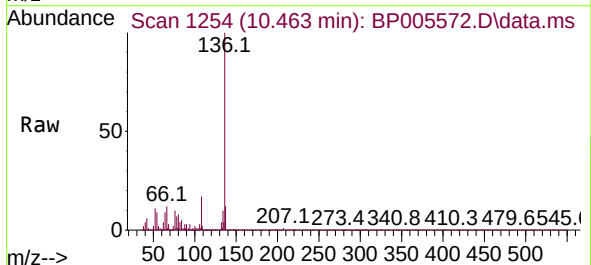
Instrument :  
BNA\_P  
ClientSampleId :  
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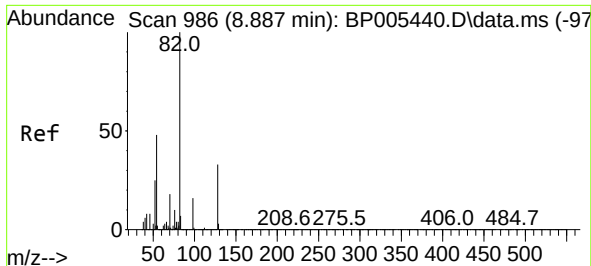
Tgt Ion: 77 Resp: 25  
Ion Ratio Lower Upper  
77 100  
105 0.0 89.4 129.4#  
106 45.5 79.9 119.9#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.463 min Scan# 1254  
Delta R.T. -0.006 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

Tgt Ion:136 Resp: 30343  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.9 13.3  
54 8.9 5.0 7.4#  
68 3.2 3.7 5.5#

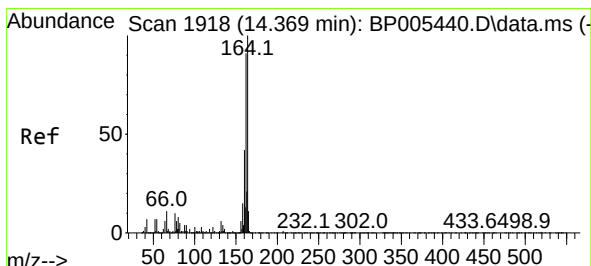
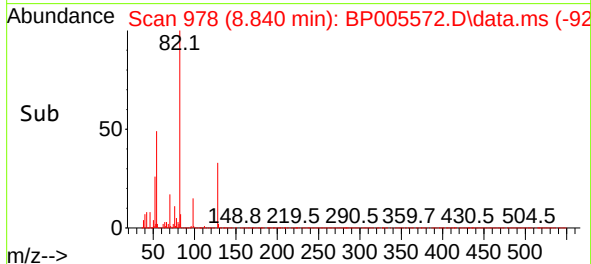
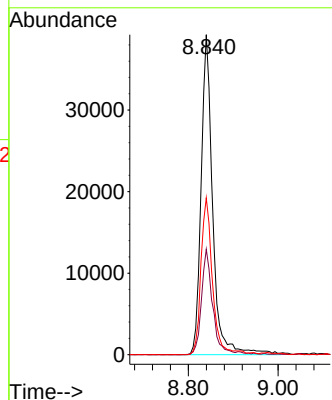
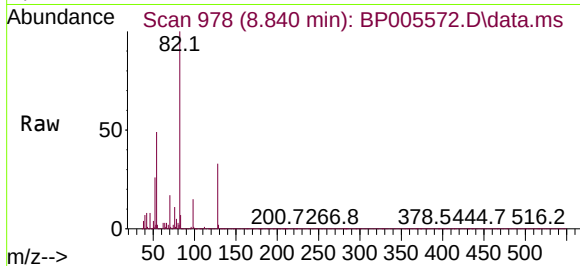




#23  
Nitrobenzene-d5  
Concen: 91.13 ng  
RT: 8.840 min Scan# 978  
Delta R.T. -0.012 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

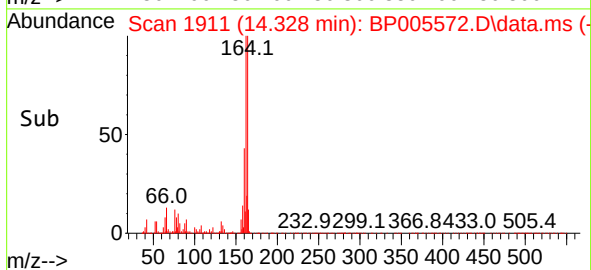
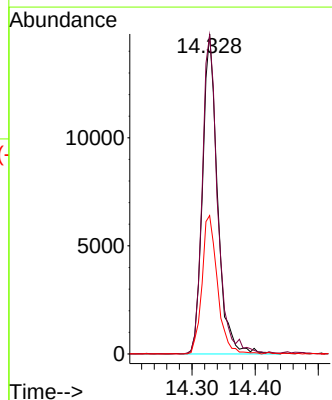
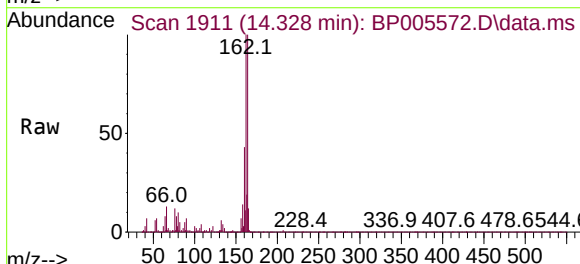
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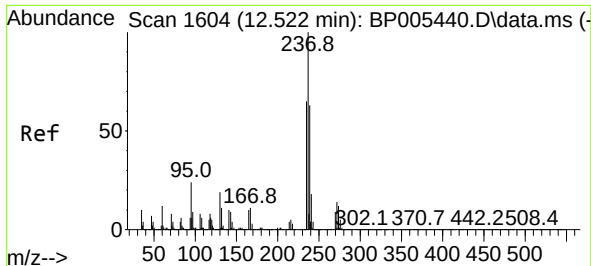
Tgt Ion: 82 Resp: 70253  
Ion Ratio Lower Upper  
82 100  
128 33.0 30.5 45.7  
54 49.0 33.9 50.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.328 min Scan# 1911  
Delta R.T. -0.006 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

Tgt Ion:164 Resp: 24344  
Ion Ratio Lower Upper  
164 100  
162 99.6 73.5 110.3  
160 43.2 40.6 61.0

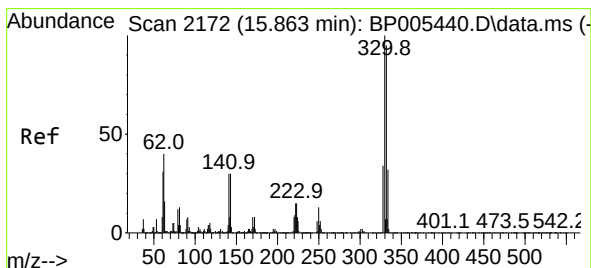
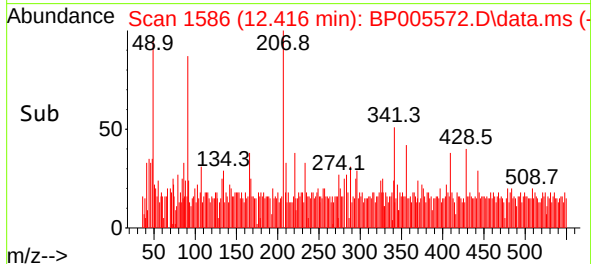
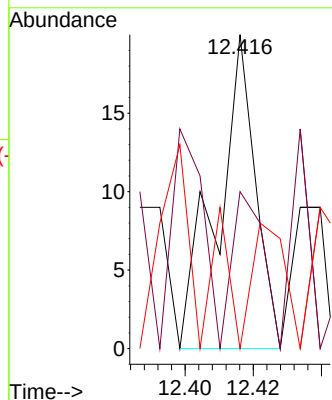
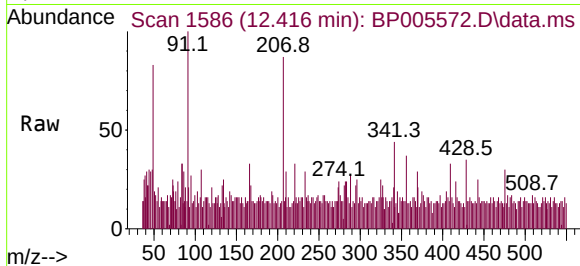




#41  
Hexachlorocyclopentadiene  
Concen: 7.90 ng  
RT: 12.416 min Scan# 1586  
Delta R.T. -0.065 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

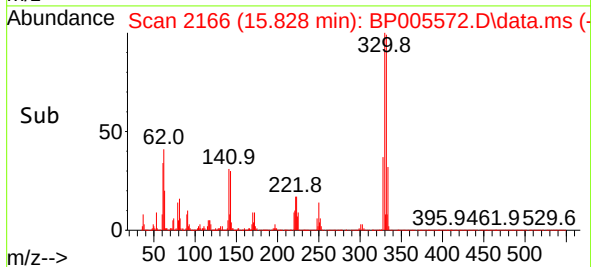
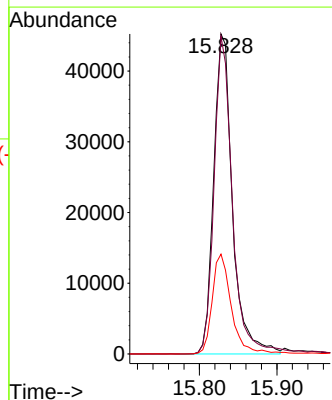
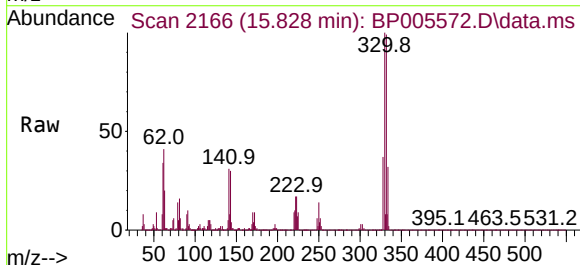
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ClientSampleID :  
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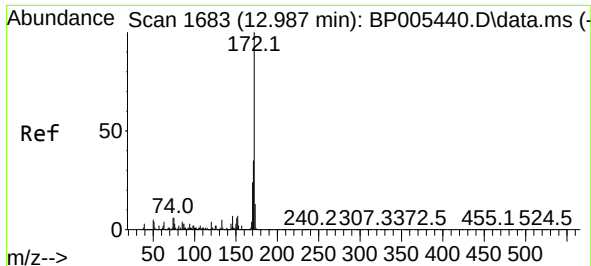
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|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 16        |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 50.0  | 40.9 80.9 |
| 272         | 0.0   | 0.0 34.6  |



#42  
2,4,6-Tribromophenol  
Concen: 110.16 ng  
RT: 15.828 min Scan# 2166  
Delta R.T. -0.012 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 76098      |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 97.4  | 76.3 114.5 |
| 141         | 32.0  | 22.8 34.2  |

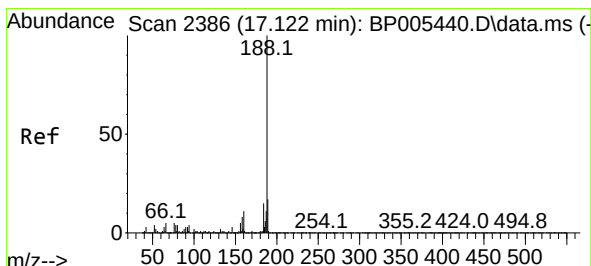
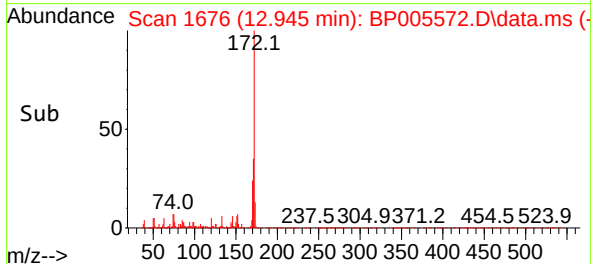
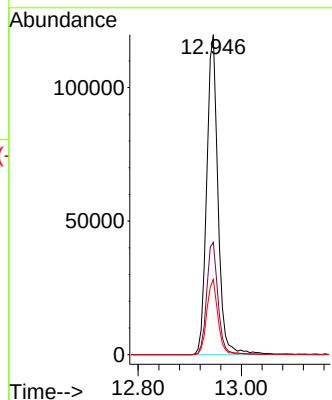
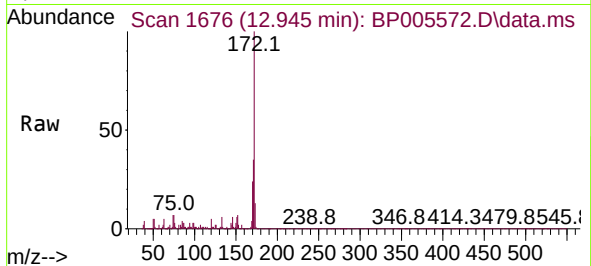




#45  
2-Fluorobiphenyl  
Concen: 84.20 ng  
RT: 12.945 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

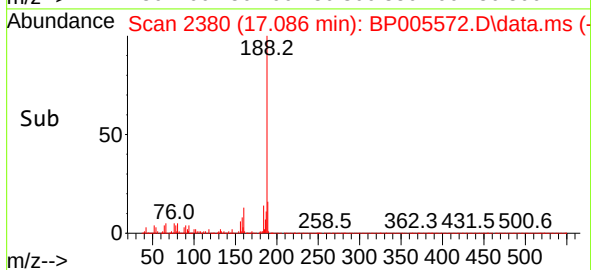
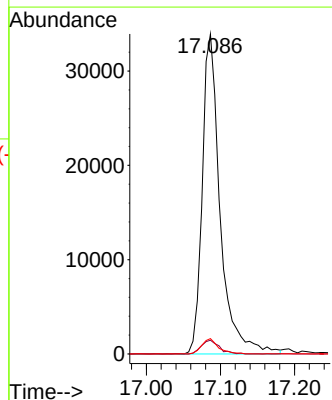
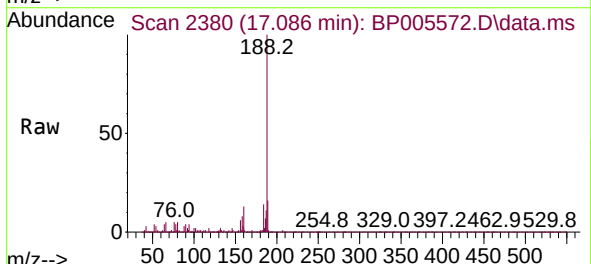
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BNA\_P  
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PB136344TB

Tgt Ion:172 Resp: 181702  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.1 42.1  
170 23.5 19.6 29.4

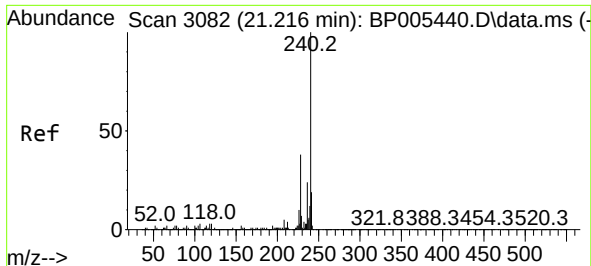


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.086 min Scan# 2380  
Delta R.T. 0.000 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

Tgt Ion:188 Resp: 56890  
Ion Ratio Lower Upper  
188 100  
94 4.3 5.0 7.6#  
80 4.8 5.9 8.9#



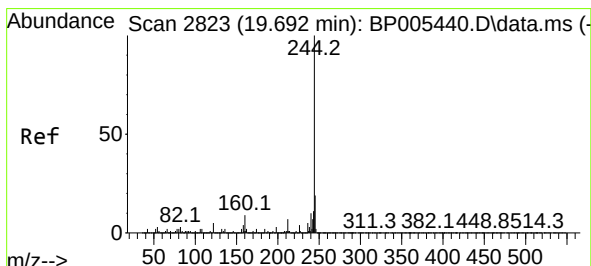
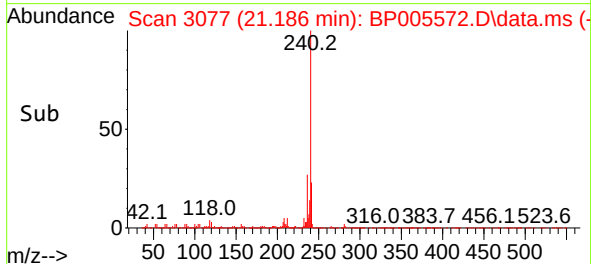
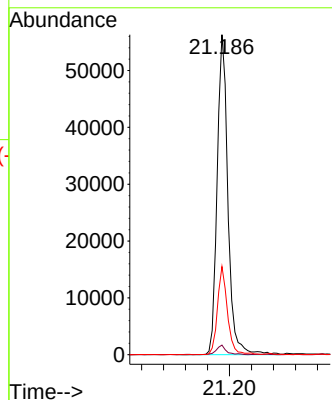
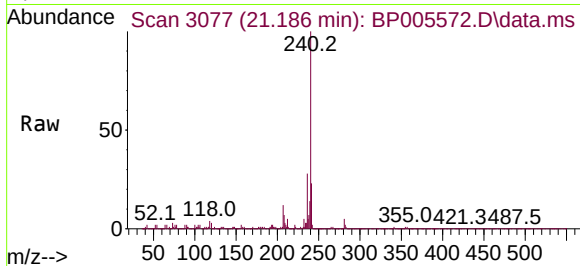




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.186 min Scan# 3077  
Delta R.T. -0.006 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

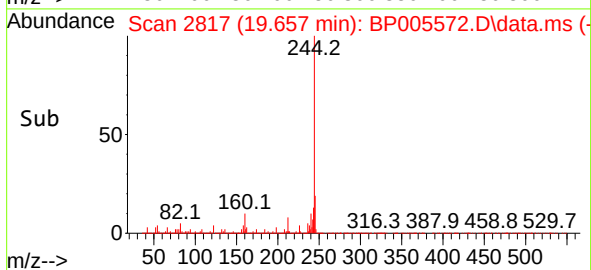
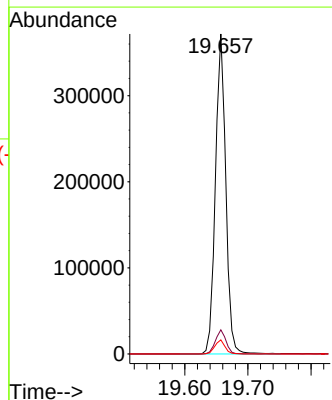
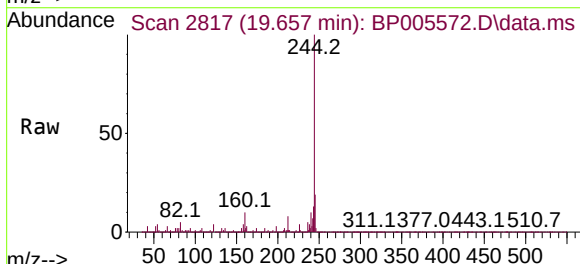
Instrument :  
BNA\_P  
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PB136344TB

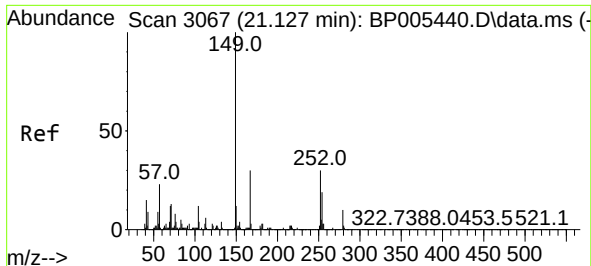
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Ion Ratio Lower Upper  
240 100  
120 3.0 4.2 6.2#  
236 27.5 20.2 30.2



#79  
Terphenyl-d14  
Concen: 93.32 ng  
RT: 19.657 min Scan# 2817  
Delta R.T. -0.006 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

Tgt Ion:244 Resp: 422072  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.8 8.6  
122 4.4 5.2 7.8#

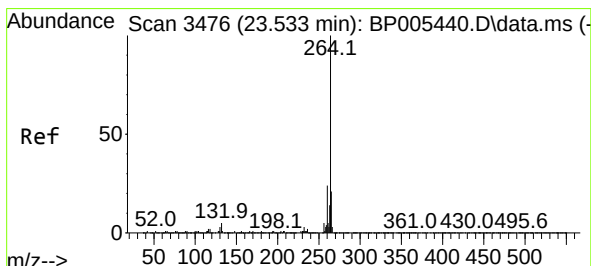
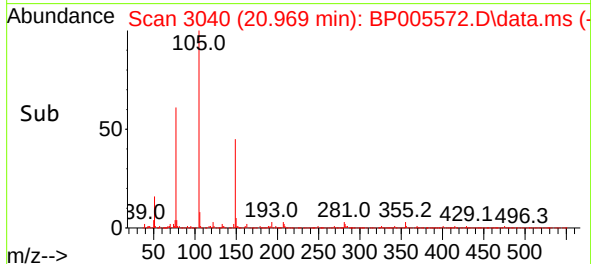
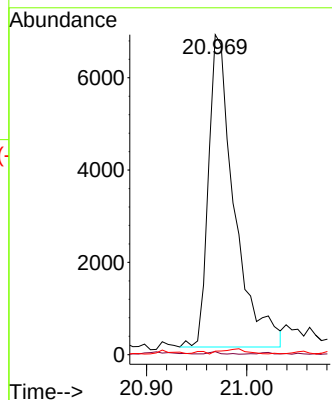
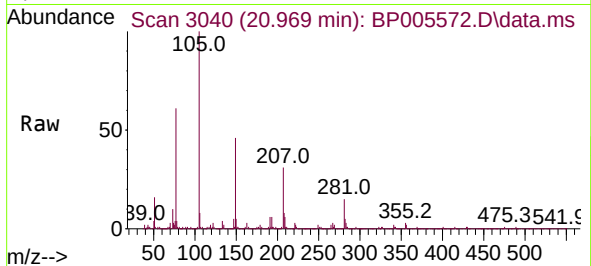




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.63 ng  
RT: 20.969 min Scan# 3040  
Delta R.T. -0.129 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

Instrument :  
BNA\_P  
ClientSampleId :  
PB136344TB

Tgt Ion:149 Resp: 12103  
Ion Ratio Lower Upper  
149 100  
167 1.0 23.8 35.8#  
279 1.1 5.7 8.5#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.486 min Scan# 3468  
Delta R.T. -0.012 min  
Lab File: BP005572.D  
Acq: 15 May 2021 17:13

Tgt Ion:264 Resp: 100885  
Ion Ratio Lower Upper  
264 100  
260 22.8 20.6 30.8  
265 20.3 19.0 28.6

