

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010322\  
 Data File : BP008639.D  
 Acq On : 03 Jan 2022 15:59  
 Operator : CG/JU  
 Sample : M5244-29  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CONC-11D

Quant Time: Jan 03 16:34:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 30 08:44:33 2021  
 Response via : Initial Calibration

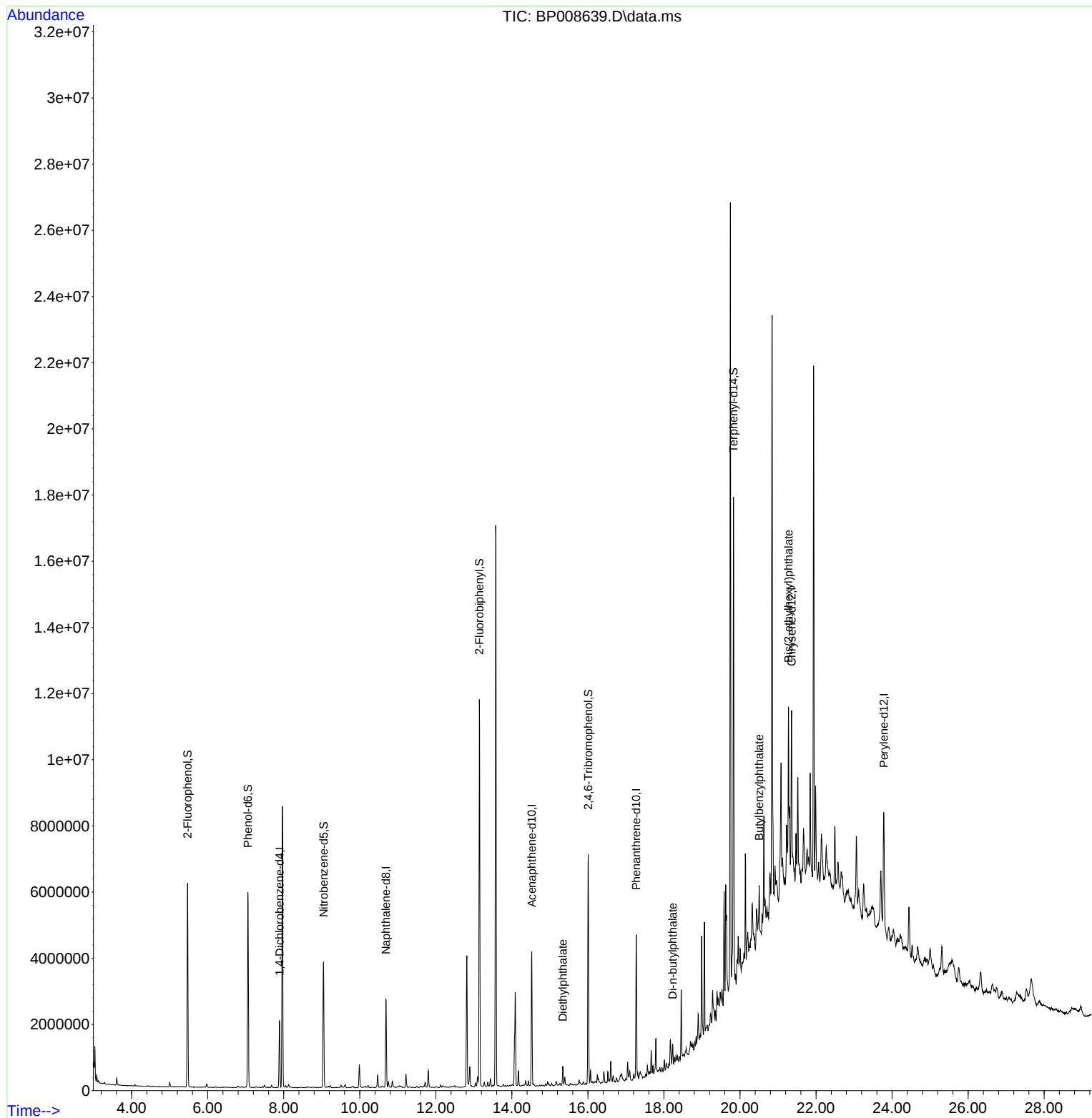
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.887  | 152  | 617876   | 20.000 | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.687 | 136  | 2378610  | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.522 | 164  | 1474015  | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.269 | 188  | 2767413  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.357 | 240  | 2359541  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.780 | 264  | 2762492  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 2974484  | 87.869 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.058  | 99   | 3771386  | 80.042 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.046  | 82   | 2294500  | 57.385 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.010 | 330  | 1657037  | 83.089 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.146 | 172  | 6340924  | 62.325 | ng    | -0.01    |
| 79) Terphenyl-d14             | 19.828 | 244  | 7187011  | 62.192 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 60) Diethylphthalate          | 15.340 | 149  | 244751   | 2.205  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.228 | 149  | 447334   | 2.866  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.504 | 149  | 195284   | 3.190  | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.275 | 149  | 1884874  | 20.380 | ng    | 99       |
| -----                         |        |      |          |        |       |          |

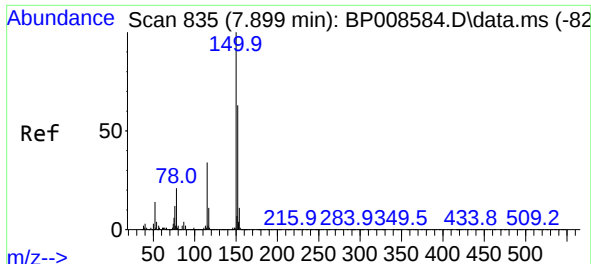
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP122821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 30 08:44:33 2021  
Response via : Initial Calibration

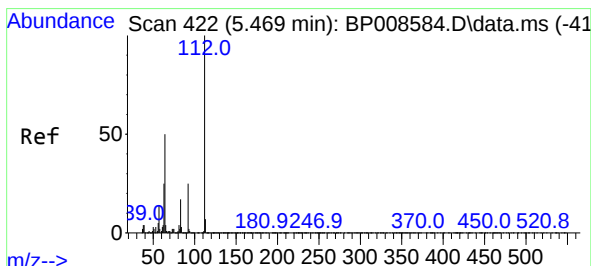
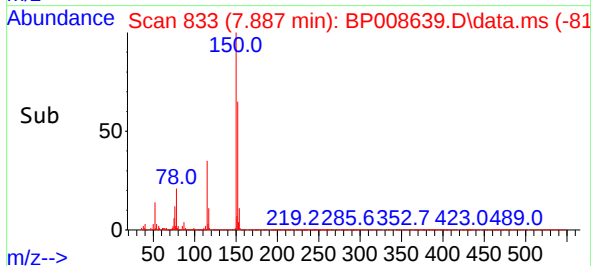
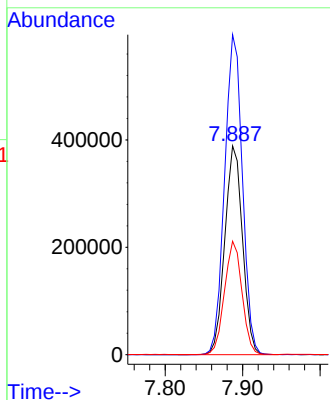
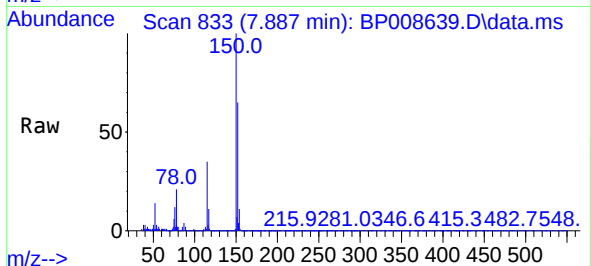




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.887 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

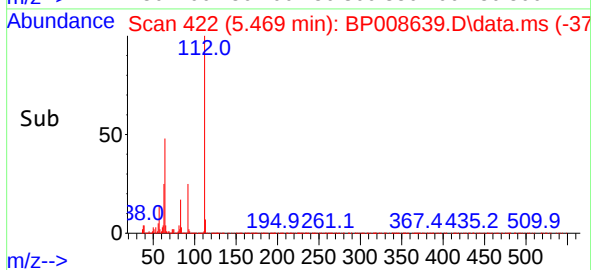
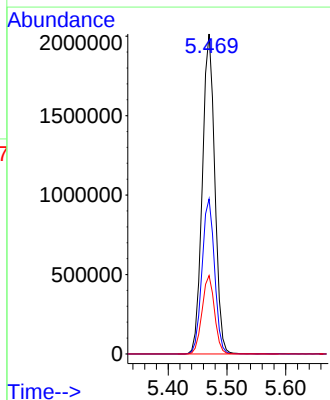
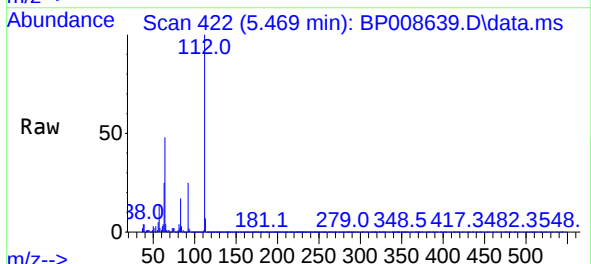
Instrument :  
BNA\_P  
ClientSampleId :  
CONC-11D

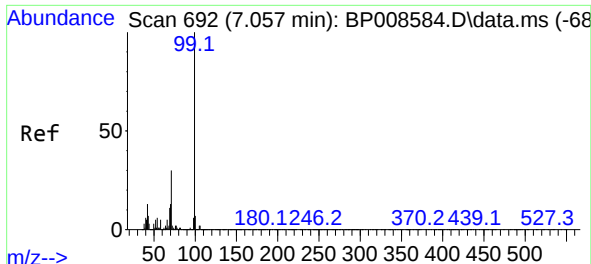
Tgt Ion:152 Resp: 617876  
Ion Ratio Lower Upper  
152 100  
150 153.2 127.0 190.6  
115 54.3 43.7 65.5



#5  
2-Fluorophenol  
Concen: 87.869 ng  
RT: 5.469 min Scan# 422  
Delta R.T. 0.000 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

Tgt Ion:112 Resp: 2974484  
Ion Ratio Lower Upper  
112 100  
64 48.4 39.7 59.5  
63 24.5 20.0 30.0



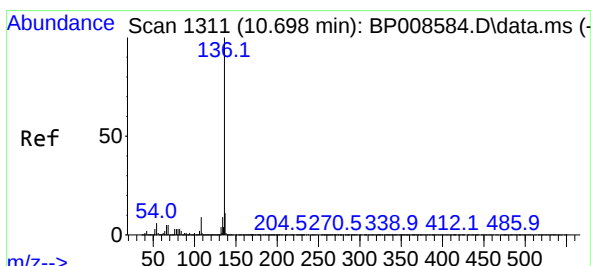
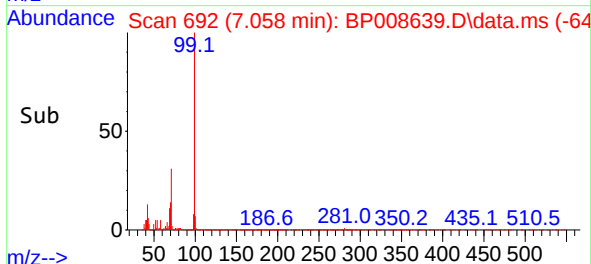
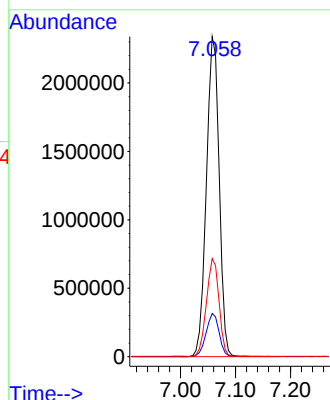
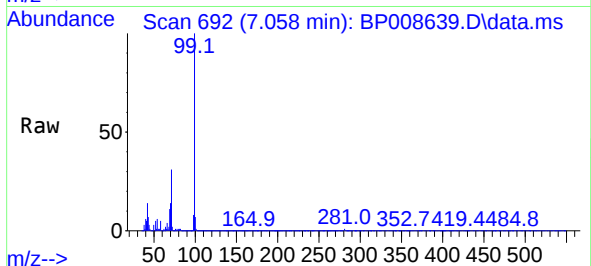


#7  
Phenol-d6  
Concen: 80.042 ng  
RT: 7.058 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

Instrument :  
BNA\_P  
ClientSampleId :  
CONC-11D

Tgt Ion: 99 Resp: 3771386

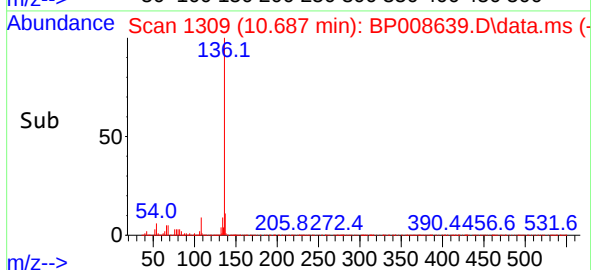
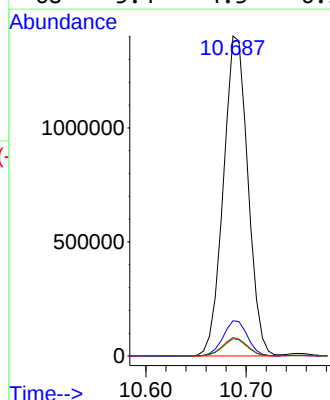
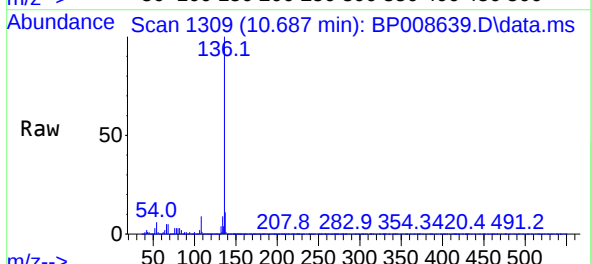
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.5  | 10.8  | 16.2  |
| 71  | 30.7  | 23.8  | 35.6  |

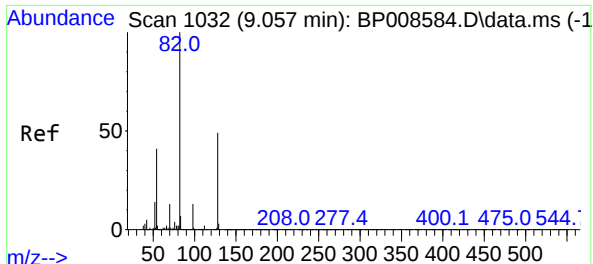


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.687 min Scan# 1309  
Delta R.T. -0.012 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

Tgt Ion: 136 Resp: 2378610

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 9.0   | 13.4  |
| 54  | 5.8   | 4.9   | 7.3   |
| 68  | 5.4   | 4.3   | 6.5   |





#23

Nitrobenzene-d5

Concen: 57.385 ng

RT: 9.046 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BP008639.D

Acq: 03 Jan 2022 15:59

Instrument :

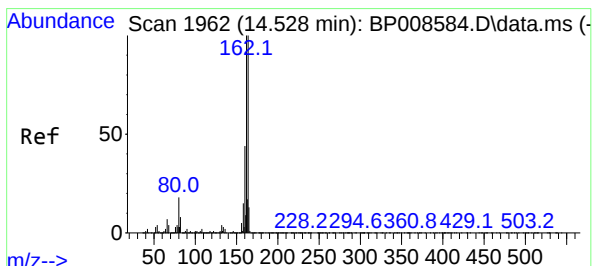
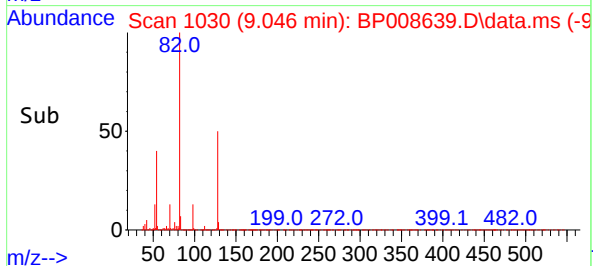
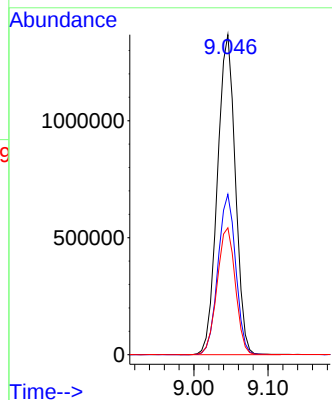
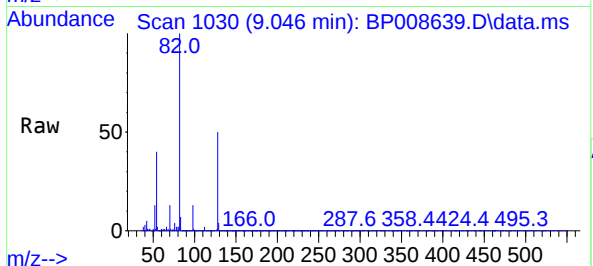
BNA\_P

ClientSampleId :

CONC-11D

Tgt Ion: 82 Resp: 2294500

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 50.1  | 39.4  | 59.2  |
| 54  | 39.7  | 32.6  | 48.8  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.522 min Scan# 1961

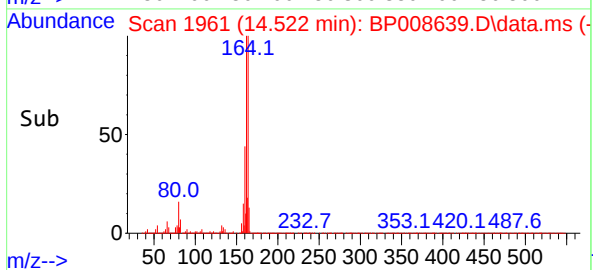
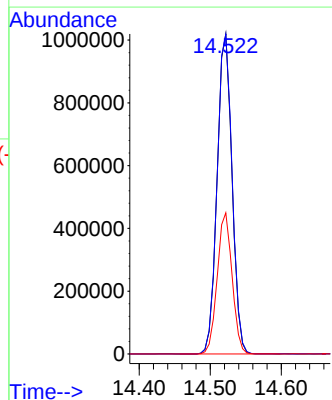
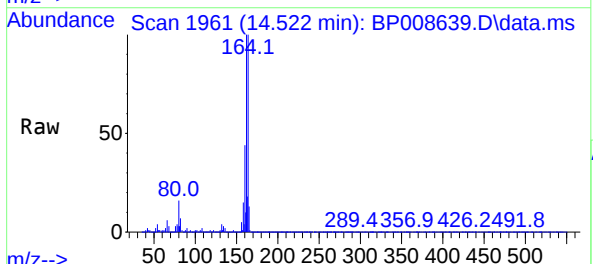
Delta R.T. -0.006 min

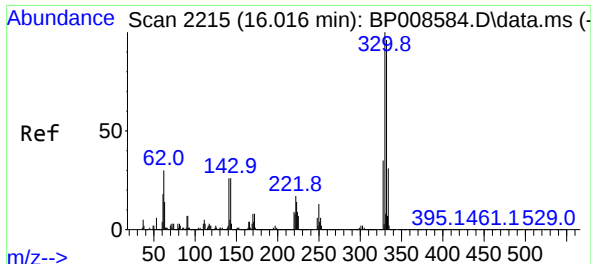
Lab File: BP008639.D

Acq: 03 Jan 2022 15:59

Tgt Ion: 164 Resp: 1474015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.9  | 79.9  | 119.9 |
| 160 | 44.1  | 35.5  | 53.3  |

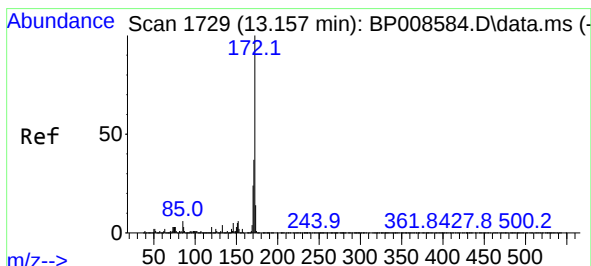
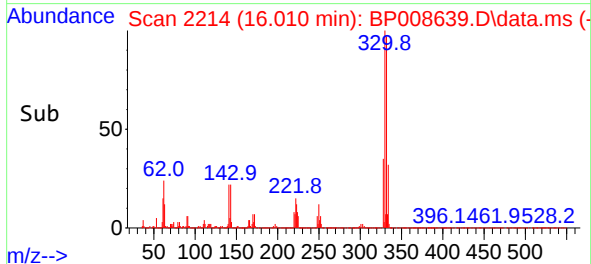
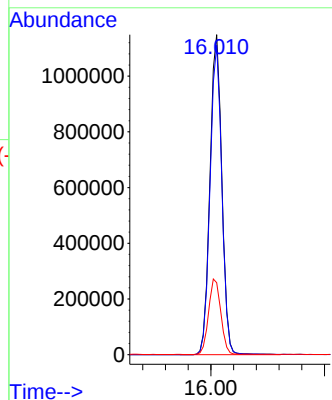
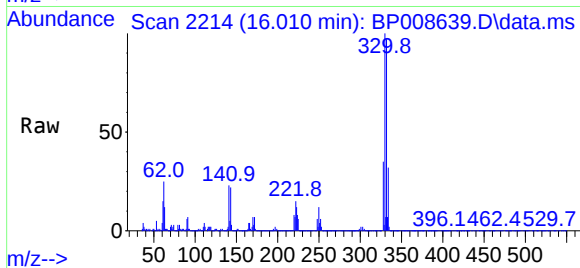




#42  
2,4,6-Tribromophenol  
Concen: 83.089 ng  
RT: 16.010 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

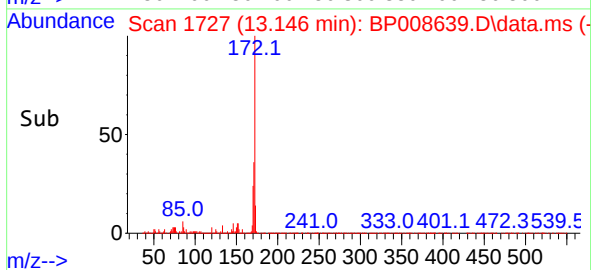
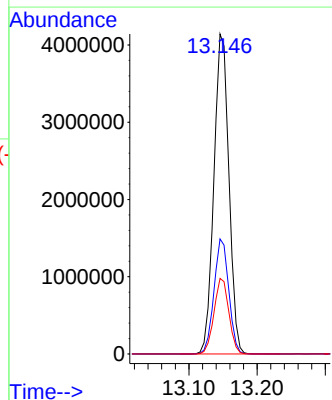
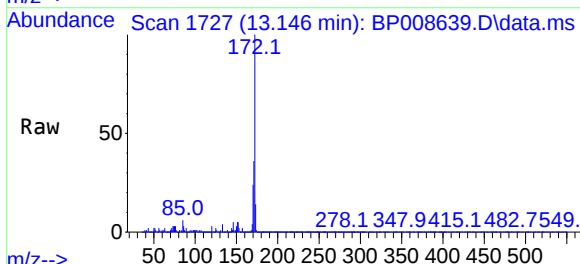
Instrument :  
BNA\_P  
ClientSampleId :  
CONC-11D

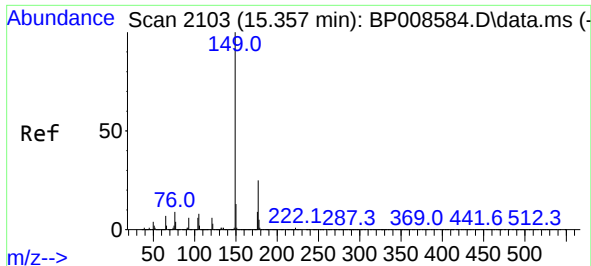
Tgt Ion:330 Resp: 1657037  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.0 115.4  
141 24.4 21.3 31.9



#45  
2-Fluorobiphenyl  
Concen: 62.325 ng  
RT: 13.146 min Scan# 1727  
Delta R.T. -0.011 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

Tgt Ion:172 Resp: 6340924  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.3 43.9  
170 23.6 19.5 29.3

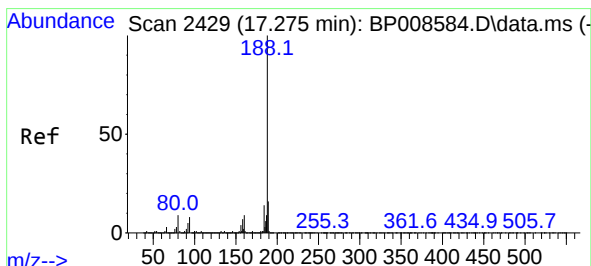
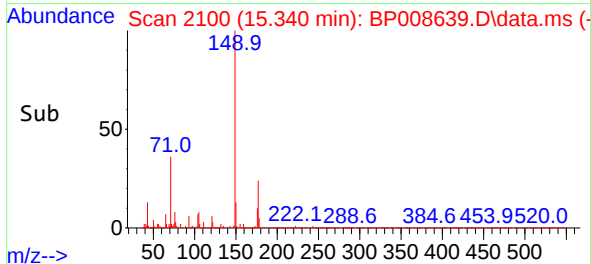
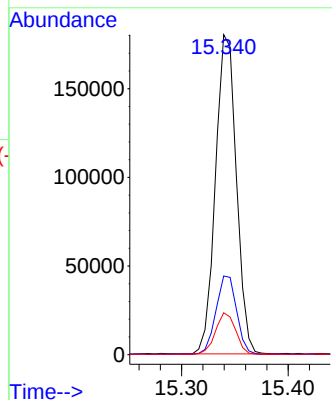
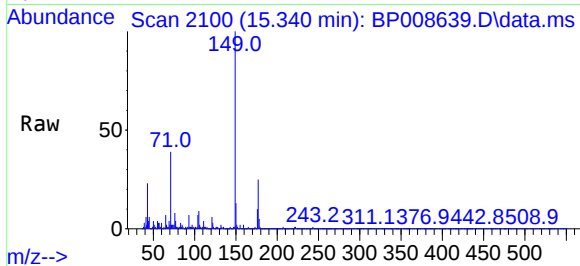




#60  
Diethylphthalate  
Concen: 2.205 ng  
RT: 15.340 min Scan# 2103  
Delta R.T. -0.018 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

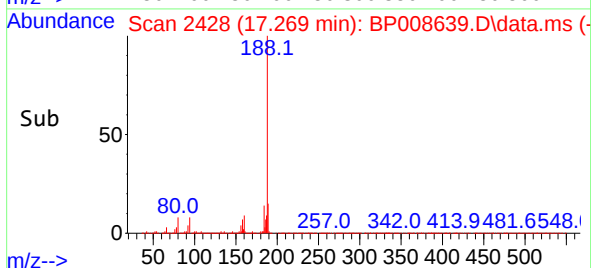
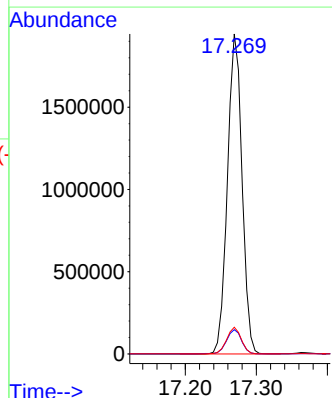
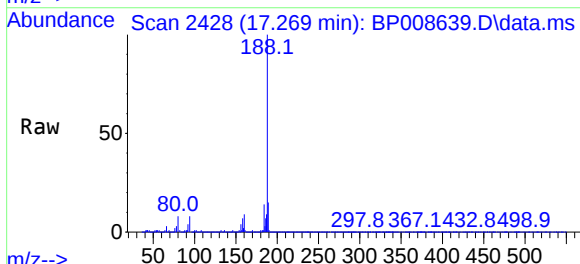
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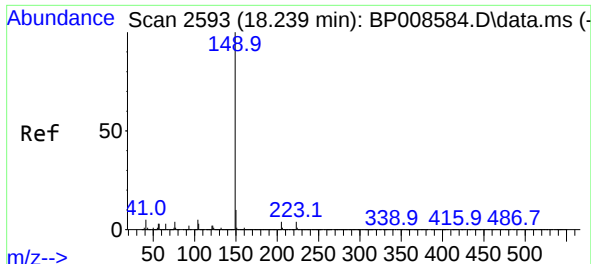
Tgt Ion:149 Resp: 244751  
Ion Ratio Lower Upper  
149 100  
177 24.6 19.9 29.9  
150 13.1 10.3 15.5



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.269 min Scan# 2428  
Delta R.T. -0.006 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

Tgt Ion:188 Resp: 2767413  
Ion Ratio Lower Upper  
188 100  
94 7.6 6.8 10.2  
80 8.4 7.2 10.8

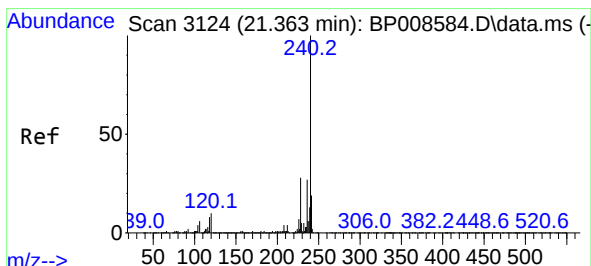
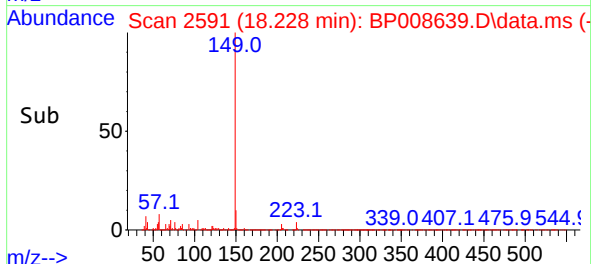
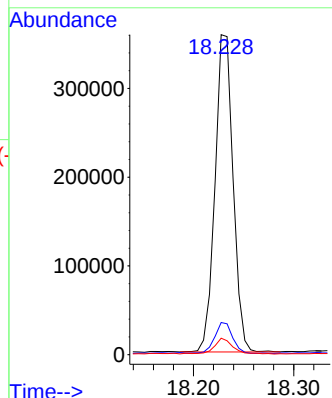
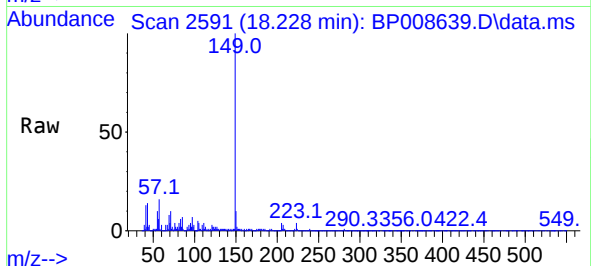




#74  
Di-n-butylphthalate  
Concen: 2.866 ng  
RT: 18.228 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

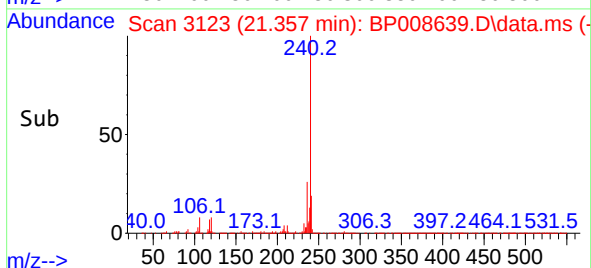
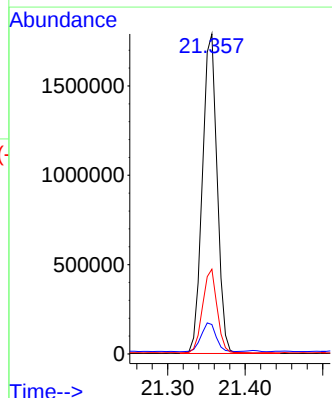
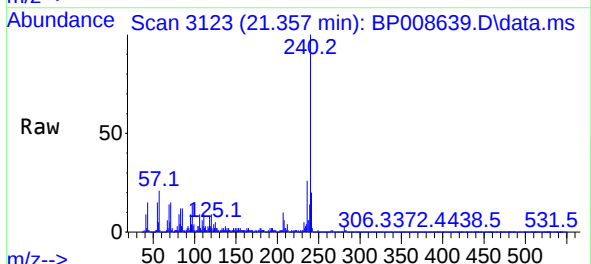
Instrument :  
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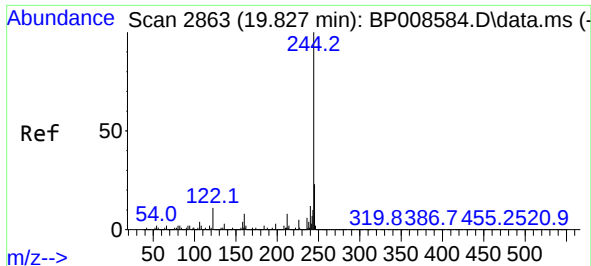
Tgt Ion:149 Resp: 447334  
Ion Ratio Lower Upper  
149 100  
150 10.0 7.9 11.9  
104 5.2 3.7 5.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.357 min Scan# 3123  
Delta R.T. -0.006 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

Tgt Ion:240 Resp: 2359541  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.7 11.5  
236 26.5 21.2 31.8

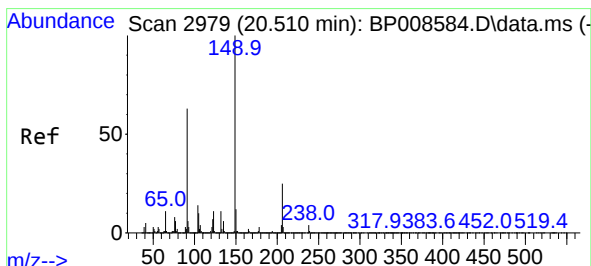
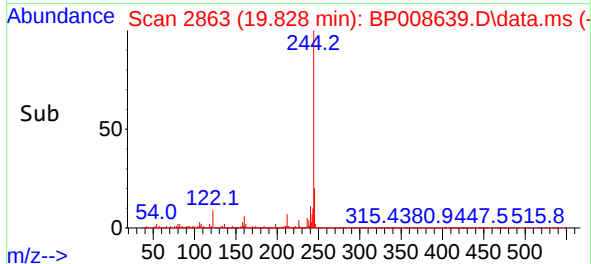
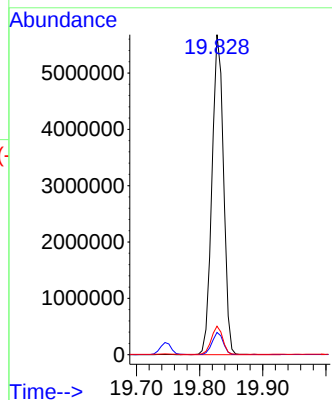
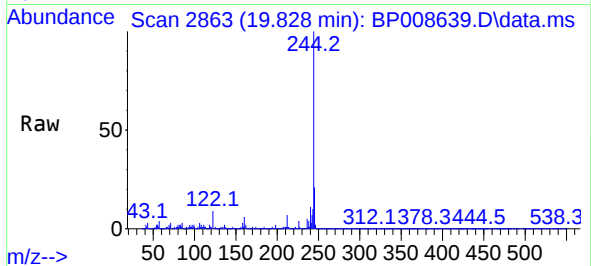




#79  
 Terphenyl-d14  
 Concen: 62.192 ng  
 RT: 19.828 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: BP008639.D  
 Acq: 03 Jan 2022 15:59

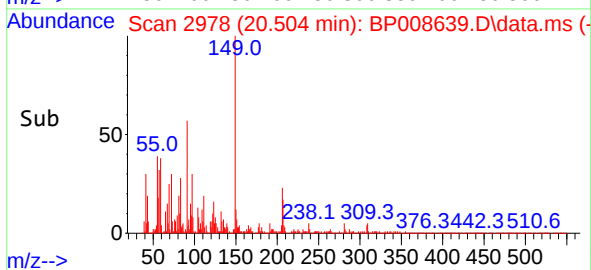
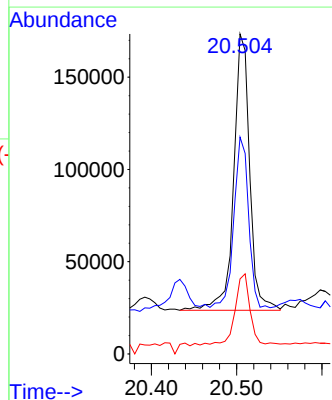
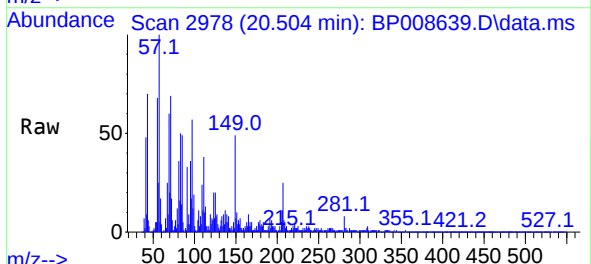
Instrument :  
 BNA\_P  
 ClientSampleId :  
 CONC-11D

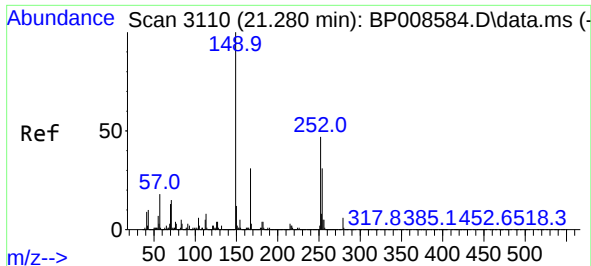
Tgt Ion:244 Resp: 7187011  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.5 9.7  
 122 8.9 9.2 13.8#



#80  
 Butylbenzylphthalate  
 Concen: 3.190 ng  
 RT: 20.504 min Scan# 2978  
 Delta R.T. -0.006 min  
 Lab File: BP008639.D  
 Acq: 03 Jan 2022 15:59

Tgt Ion:149 Resp: 195284  
 Ion Ratio Lower Upper  
 149 100  
 91 67.7 50.6 76.0  
 206 23.5 19.7 29.5

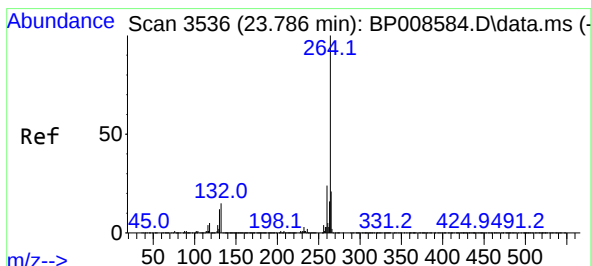
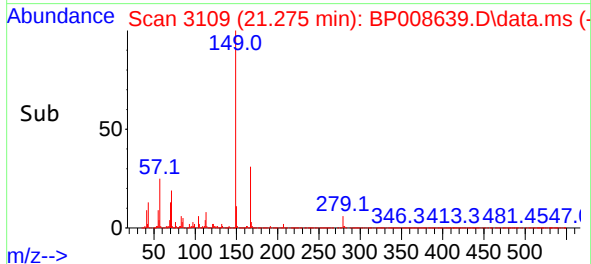
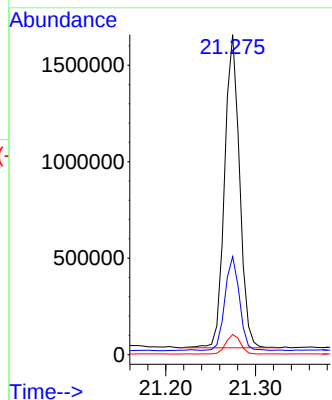
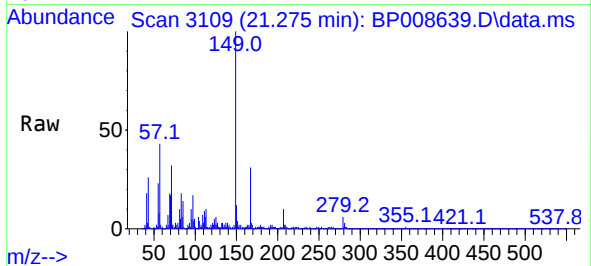




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 20.380 ng  
RT: 21.275 min Scan# 3110  
Delta R.T. -0.006 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

Instrument :  
BNA\_P  
ClientSampleId :  
CONC-11D

Tgt Ion:149 Resp: 1884874  
Ion Ratio Lower Upper  
149 100  
167 30.7 25.0 37.4  
279 6.3 4.8 7.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.780 min Scan# 3535  
Delta R.T. -0.006 min  
Lab File: BP008639.D  
Acq: 03 Jan 2022 15:59

Tgt Ion:264 Resp: 2762492  
Ion Ratio Lower Upper  
264 100  
260 23.9 19.1 28.7  
265 22.2 17.1 25.7

