

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021822\  
 Data File : BP009216.D  
 Acq On : 18 Feb 2022 16:28  
 Operator : CG/JU  
 Sample : N1573-08  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-16SR

Quant Time: Feb 19 00:49:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Feb 19 00:46:08 2022  
 Response via : Initial Calibration

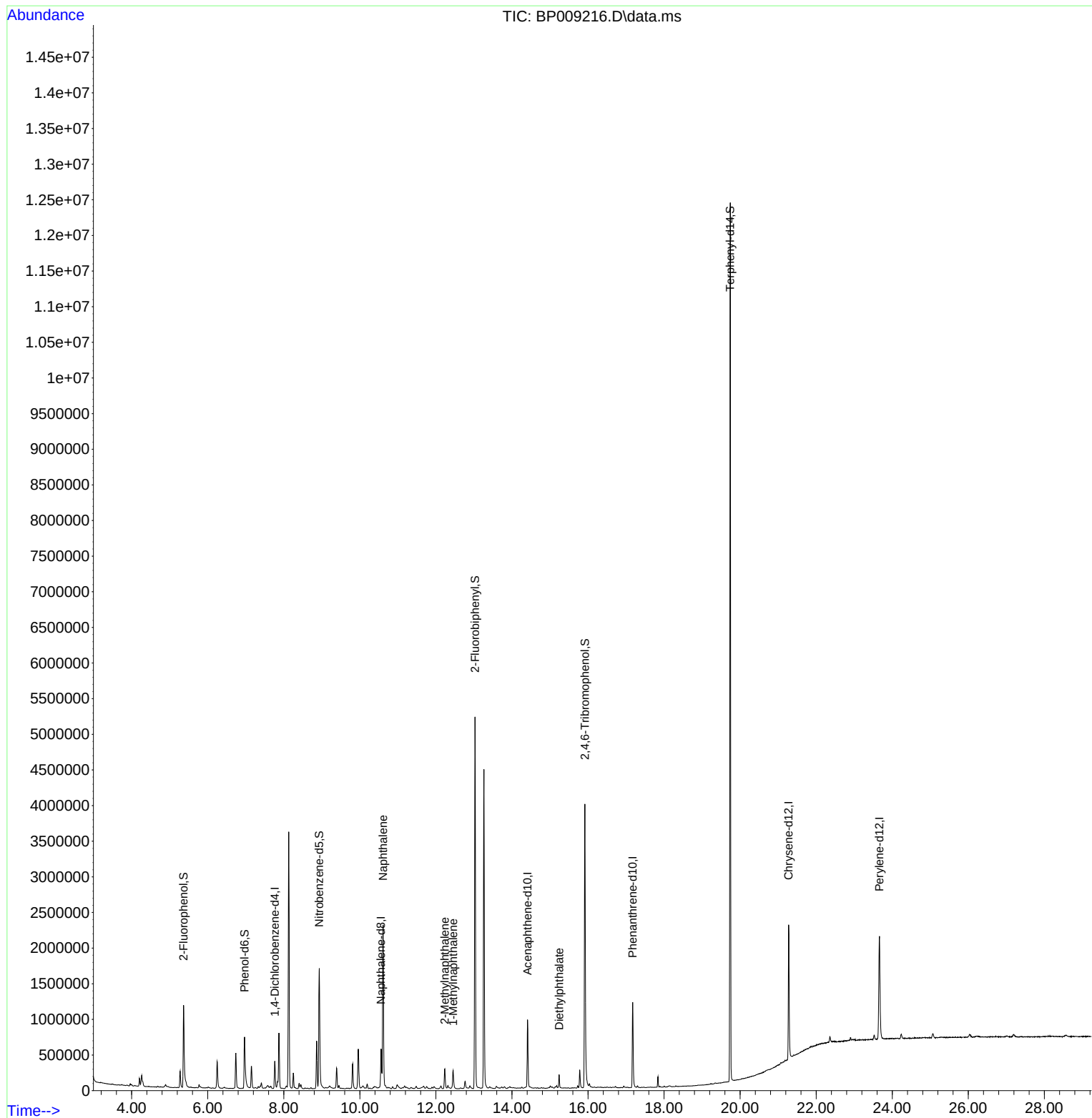
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.764  | 152  | 125317   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.557 | 136  | 497375   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.410 | 164  | 358935   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.175 | 188  | 871767   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.275 | 240  | 1106225  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.663 | 264  | 1320331  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.364  | 112  | 732900   | 104.324 | ng    | 0.00     |
| 7) Phenol-d6                | 6.969  | 99   | 642996   | 69.461  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.928  | 82   | 1011027  | 114.633 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.916 | 330  | 1044574  | 217.963 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.028 | 172  | 2905912  | 113.334 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.739 | 244  | 5998303  | 97.511  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.610 | 128  | 2085518  | 82.211  | ng    | 100      |
| 37) 2-Methylnaphthalene     | 12.234 | 142  | 142265   | 7.925   | ng    | 98       |
| 38) 1-Methylnaphthalene     | 12.451 | 142  | 130098   | 7.417   | ng    | 98       |
| 60) Diethylphthalate        | 15.240 | 149  | 109996   | 4.547   | ng    | 98       |
| -----                       |        |      |          |         |       |          |

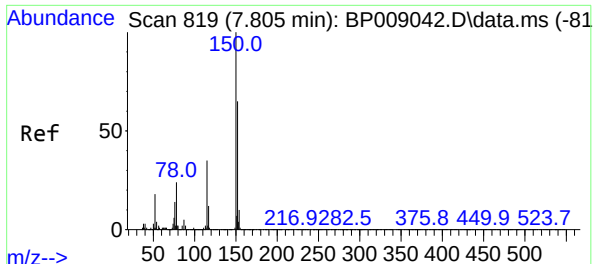
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 00:49:29 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Feb 19 00:46:08 2022  
Response via : Initial Calibration

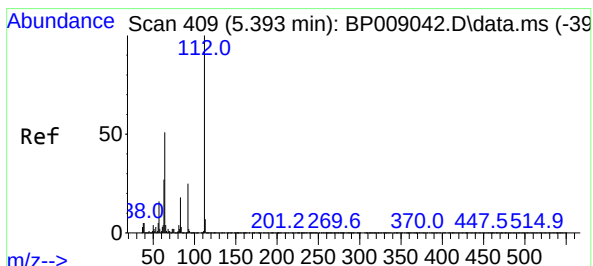
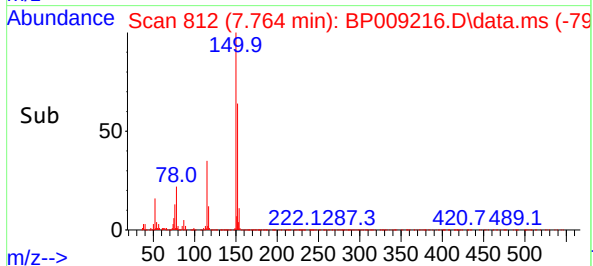
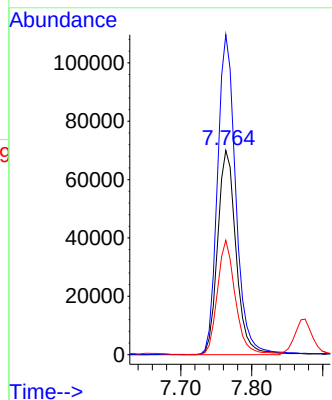
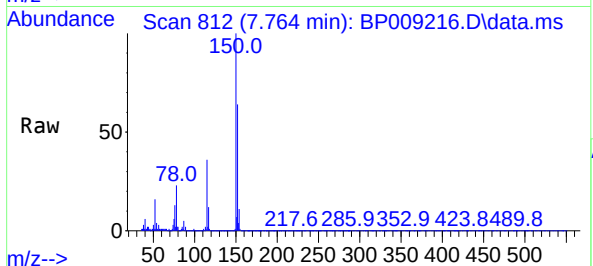




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.764 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

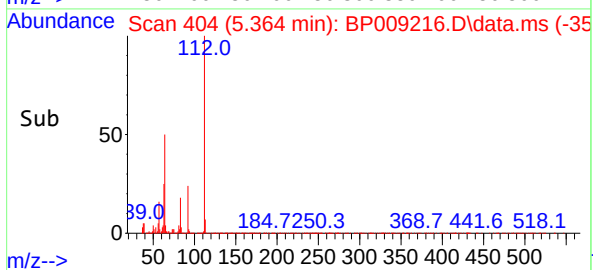
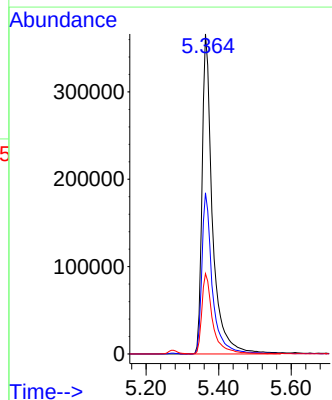
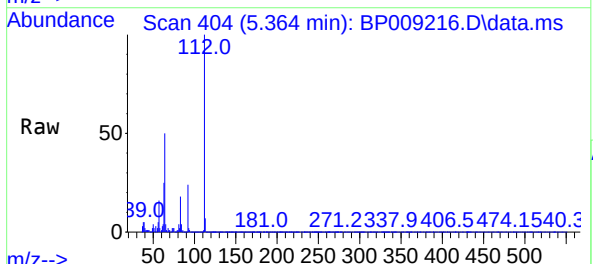
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BNA\_P  
ClientSampleId :  
MW-16SR

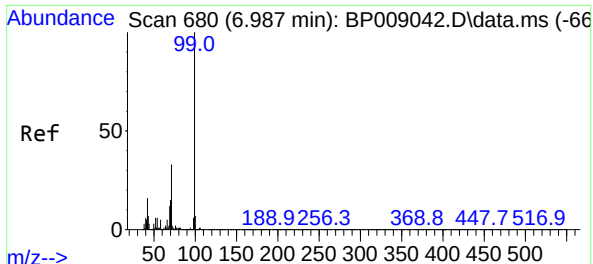
Tgt Ion:152 Resp: 125317  
Ion Ratio Lower Upper  
152 100  
150 156.6 127.0 190.6  
115 56.0 43.7 65.5



#5  
2-Fluorophenol  
Concen: 104.324 ng  
RT: 5.364 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

Tgt Ion:112 Resp: 732900  
Ion Ratio Lower Upper  
112 100  
64 50.3 39.7 59.5  
63 25.1 20.0 30.0

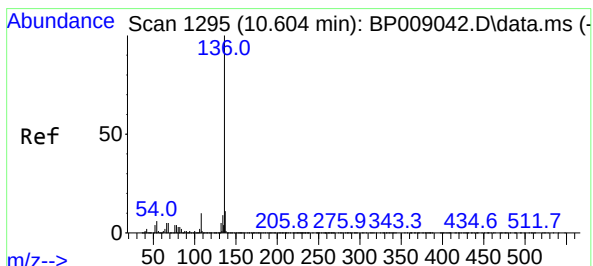
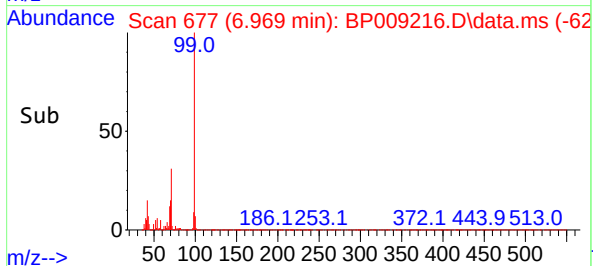
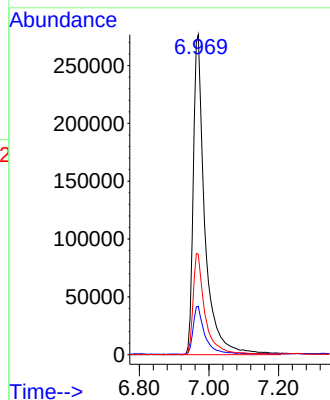
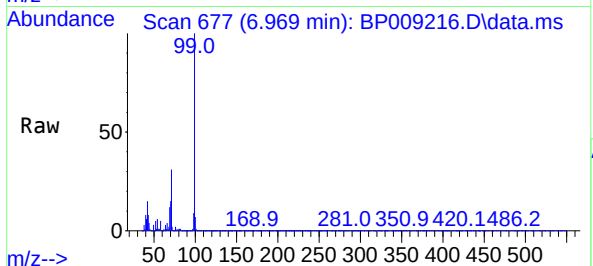




#7  
Phenol-d6  
Concen: 69.461 ng  
RT: 6.969 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

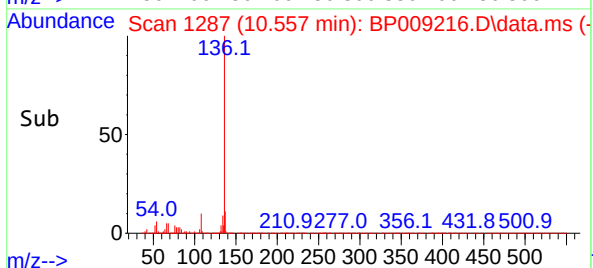
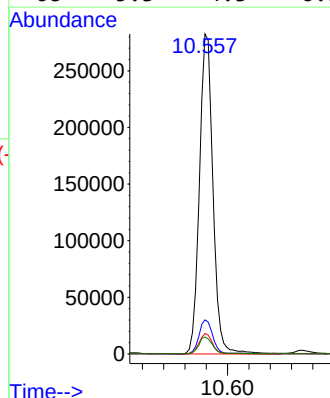
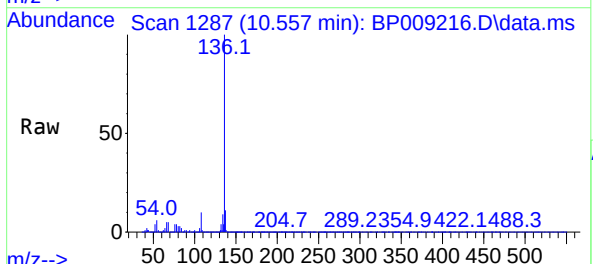
Instrument :  
BNA\_P  
ClientSampleId :  
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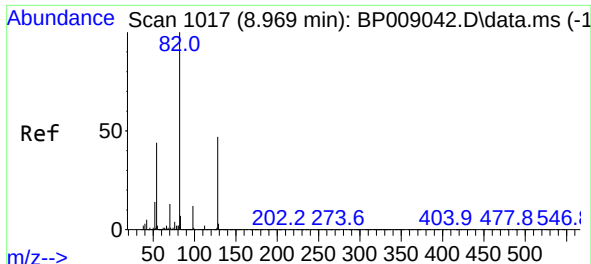
Tgt Ion: 99 Resp: 642996  
Ion Ratio Lower Upper  
99 100  
42 15.1 10.8 16.2  
71 31.3 23.8 35.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.557 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

Tgt Ion: 136 Resp: 497375  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.4  
54 6.4 4.9 7.3  
68 5.3 4.3 6.5

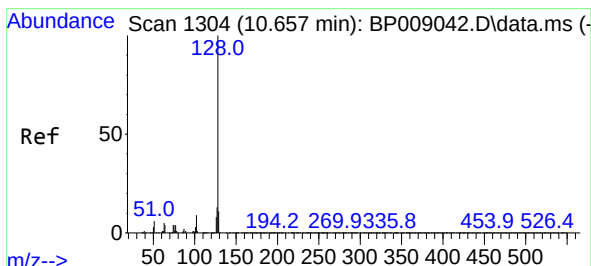
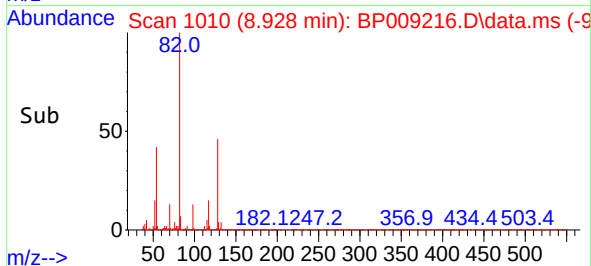
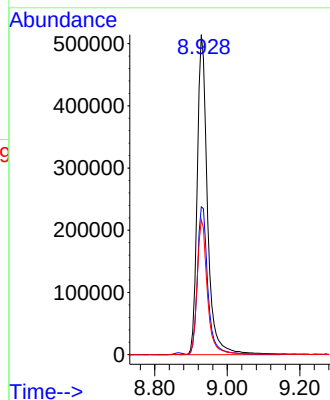
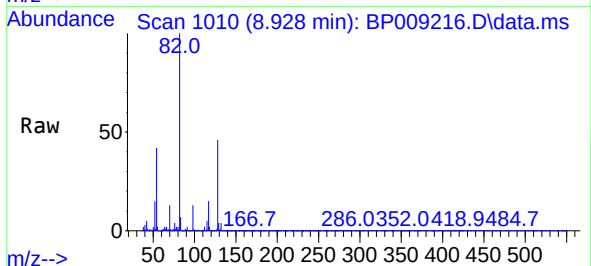




#23  
Nitrobenzene-d5  
Concen: 114.633 ng  
RT: 8.928 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

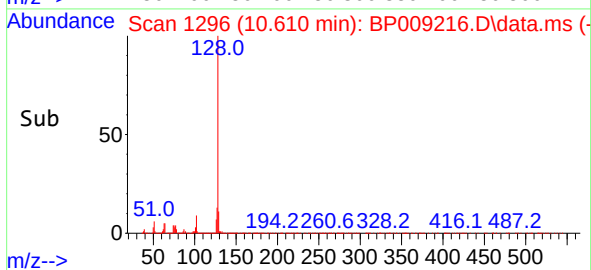
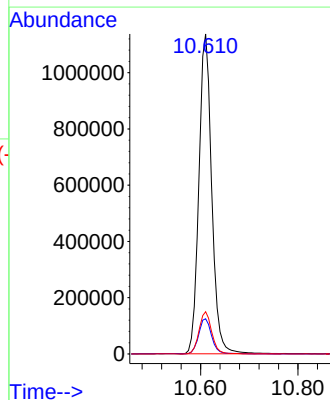
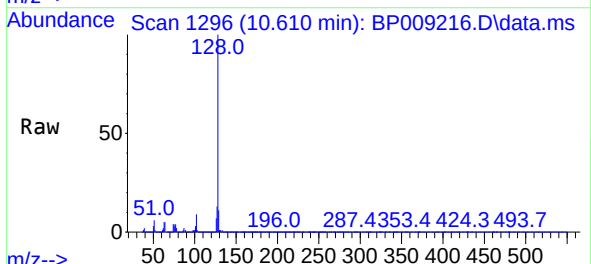
Instrument :  
BNA\_P  
ClientSampleId :  
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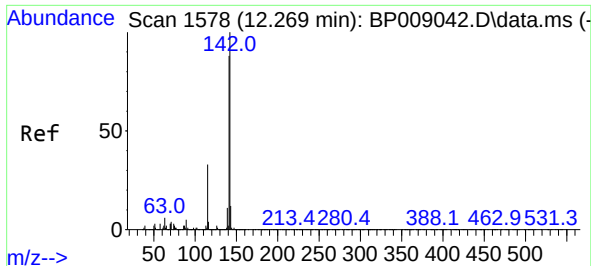
Tgt Ion: 82 Resp: 1011027  
Ion Ratio Lower Upper  
82 100  
128 46.2 39.4 59.2  
54 42.1 32.6 48.8



#31  
Naphthalene  
Concen: 82.211 ng  
RT: 10.610 min Scan# 1296  
Delta R.T. -0.000 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

Tgt Ion: 128 Resp: 2085518  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.2 10.4 15.6

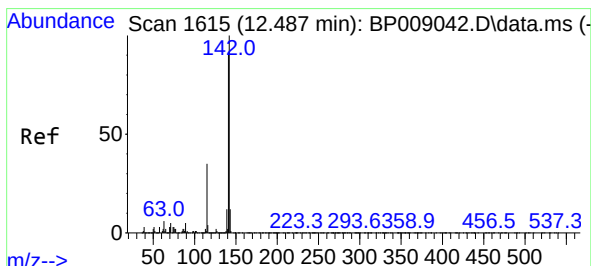
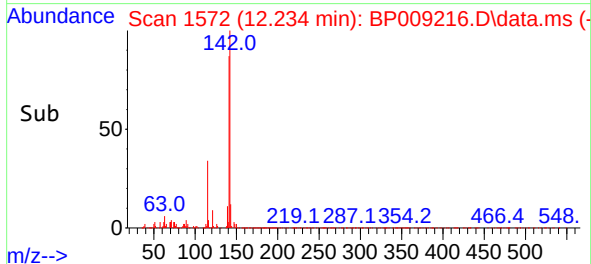
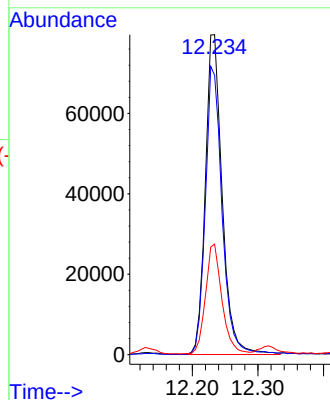
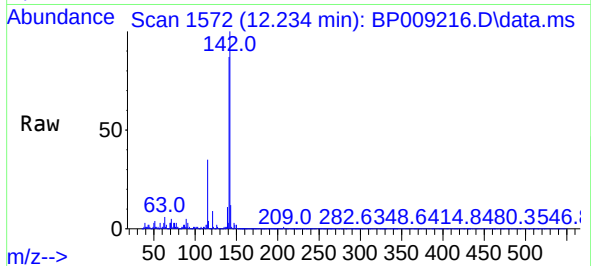




#37  
2-Methylnaphthalene  
Concen: 7.925 ng  
RT: 12.234 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

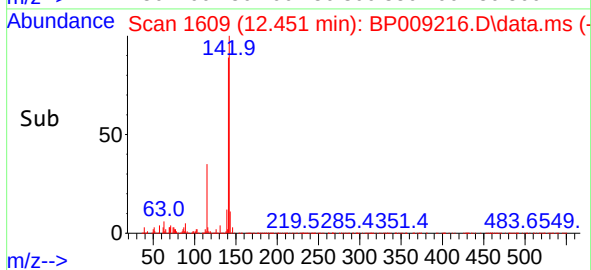
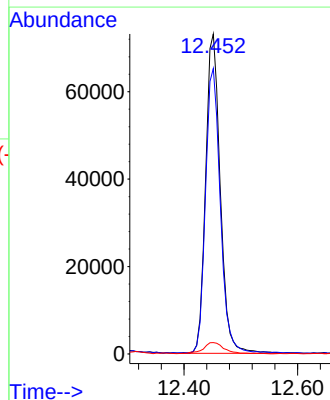
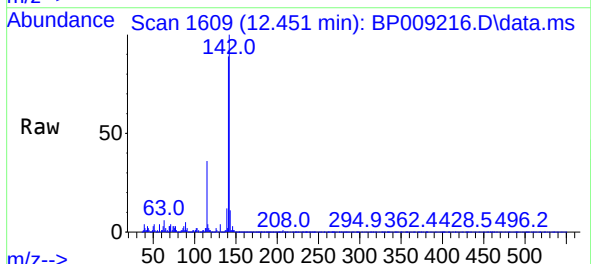
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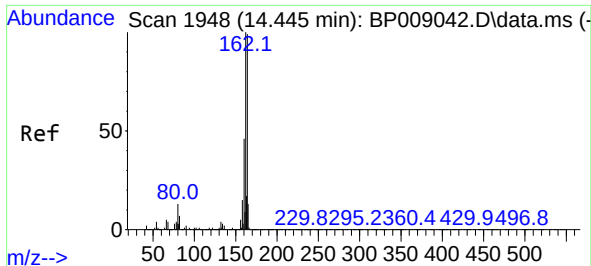
Tgt Ion:142 Resp: 142265  
Ion Ratio Lower Upper  
142 100  
141 87.3 70.5 105.7  
115 34.5 24.6 36.8



#38  
1-Methylnaphthalene  
Concen: 7.417 ng  
RT: 12.451 min Scan# 1609  
Delta R.T. -0.000 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

Tgt Ion:142 Resp: 130098  
Ion Ratio Lower Upper  
142 100  
141 89.2 73.2 109.8  
116 3.5 2.7 4.1

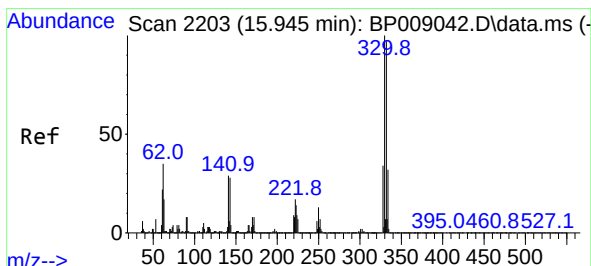
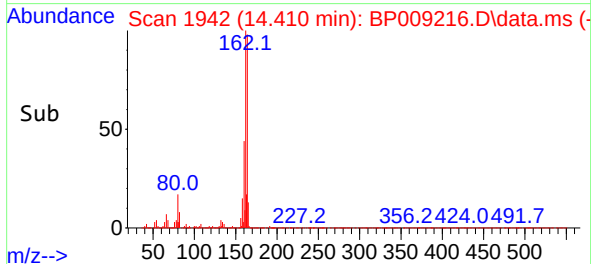
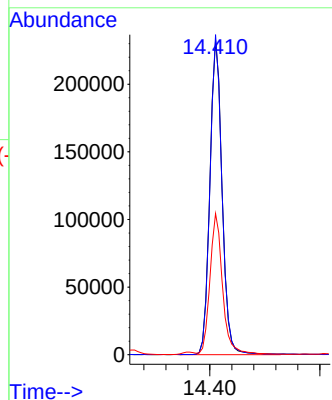
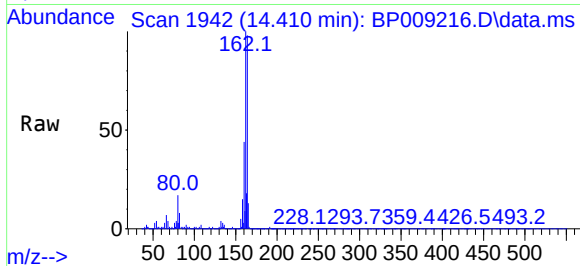




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.410 min Scan# 1942  
Delta R.T. -0.006 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

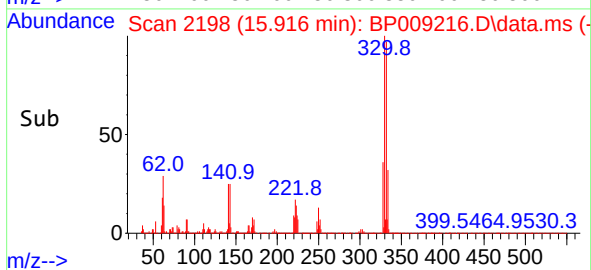
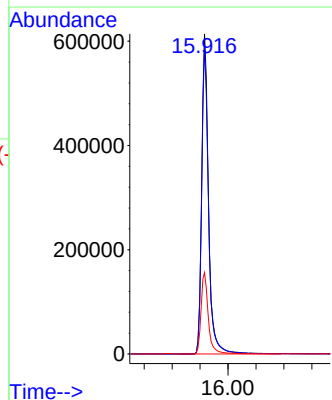
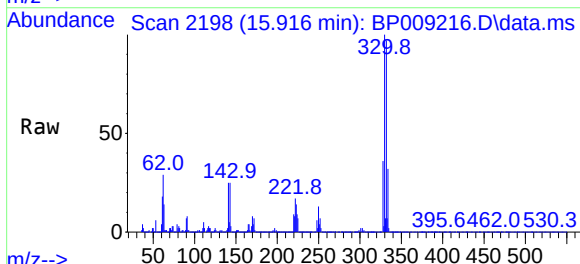
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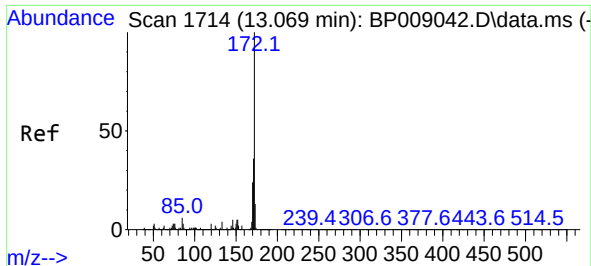
Tgt Ion:164 Resp: 358935  
Ion Ratio Lower Upper  
164 100  
162 101.8 79.9 119.9  
160 44.9 35.5 53.3



#42  
2,4,6-Tribromophenol  
Concen: 217.963 ng  
RT: 15.916 min Scan# 2198  
Delta R.T. -0.006 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

Tgt Ion:330 Resp: 1044574  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.0 115.4  
141 26.8 21.3 31.9



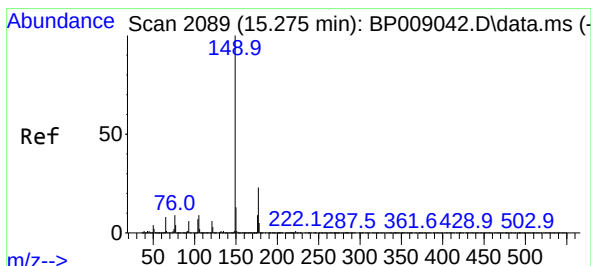
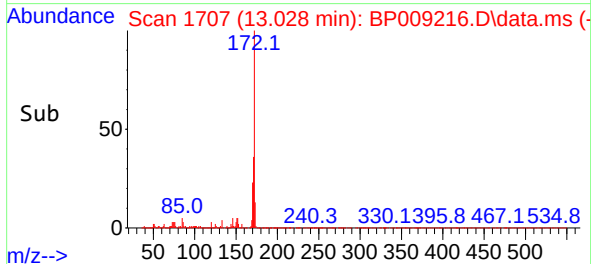
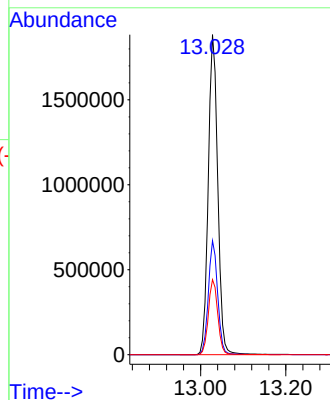
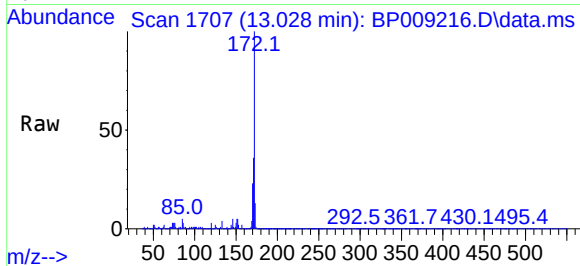


#45  
2-Fluorobiphenyl  
Concen: 113.334 ng  
RT: 13.028 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

Instrument :  
BNA\_P  
ClientSampleId :  
MW-16SR

Tgt Ion:172 Resp: 2905912

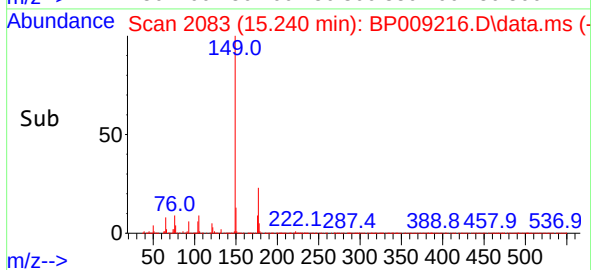
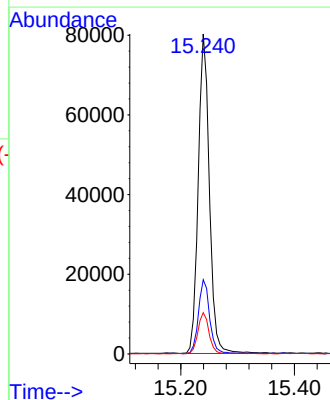
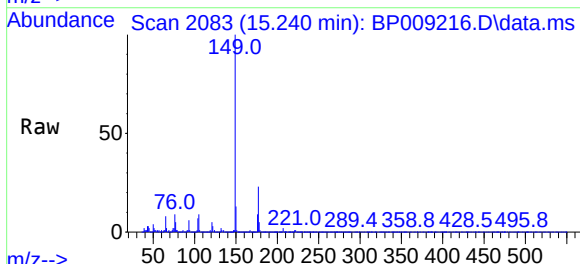
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.6  | 29.3  | 43.9  |
| 170 | 23.5  | 19.5  | 29.3  |



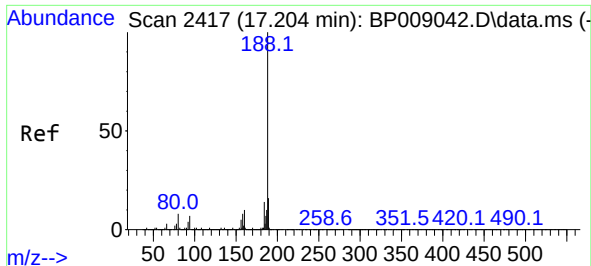
#60  
Diethylphthalate  
Concen: 4.547 ng  
RT: 15.240 min Scan# 2083  
Delta R.T. -0.006 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

Tgt Ion:149 Resp: 109996

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.2  | 19.9  | 29.9  |
| 150 | 12.9  | 10.3  | 15.5  |



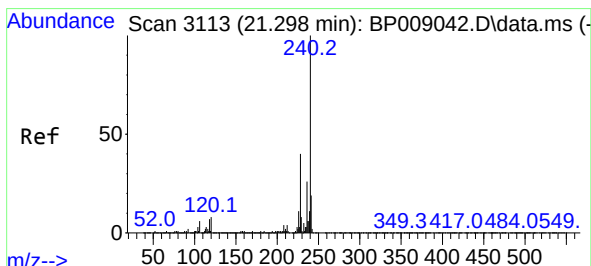
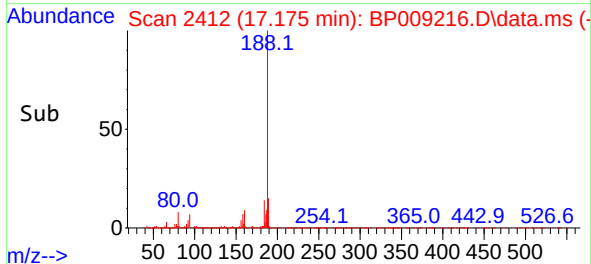
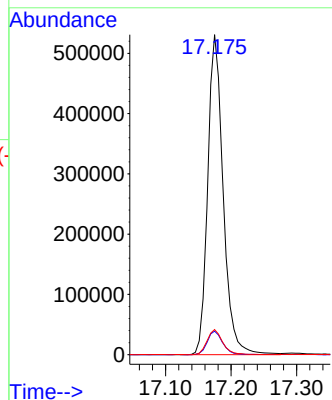
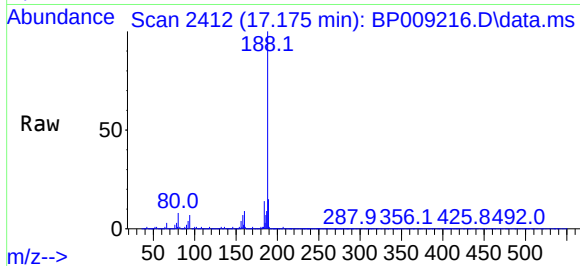




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.175 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

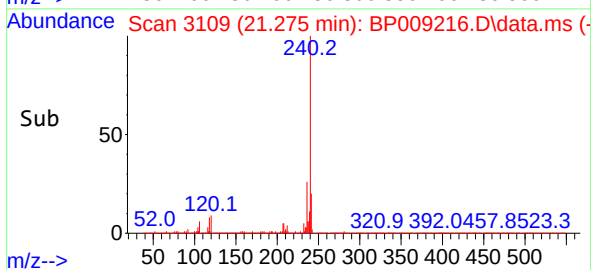
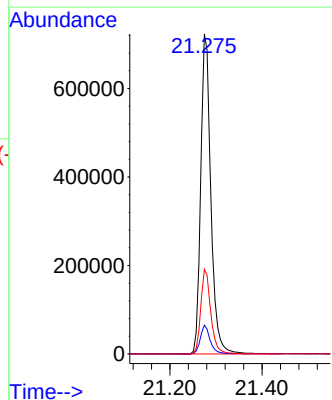
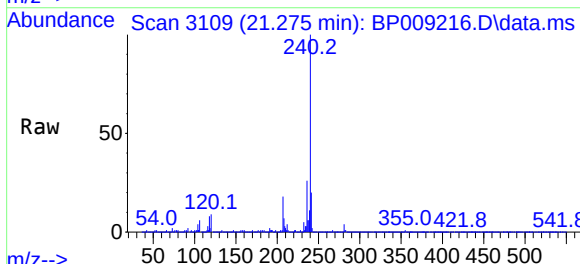
Instrument :  
BNA\_P  
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MW-16SR

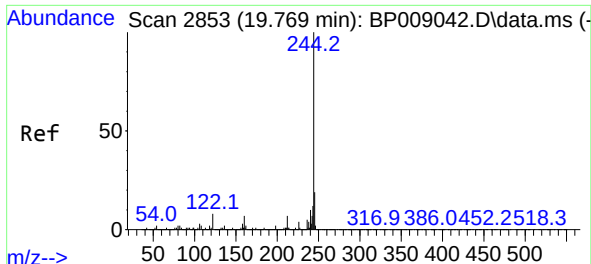
Tgt Ion:188 Resp: 871767  
Ion Ratio Lower Upper  
188 100  
94 7.4 6.8 10.2  
80 7.9 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.275 min Scan# 3109  
Delta R.T. -0.006 min  
Lab File: BP009216.D  
Acq: 18 Feb 2022 16:28

Tgt Ion:240 Resp: 1106225  
Ion Ratio Lower Upper  
240 100  
120 9.0 7.7 11.5  
236 26.5 21.2 31.8

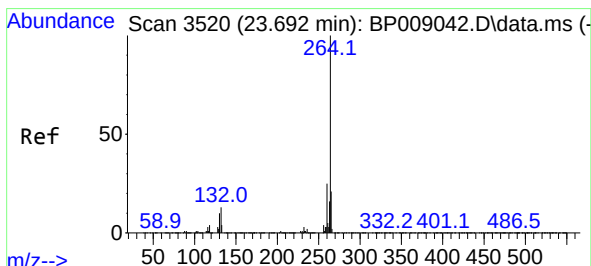
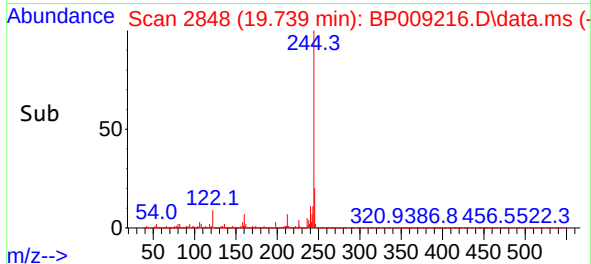
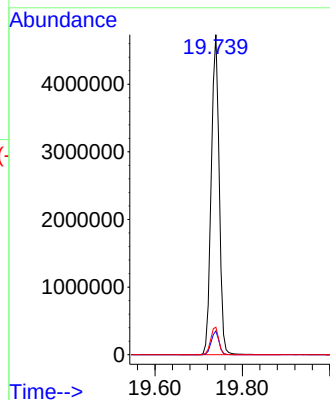
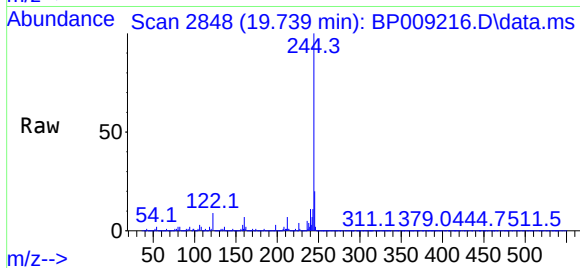




#79  
 Terphenyl-d14  
 Concen: 97.511 ng  
 RT: 19.739 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BP009216.D  
 Acq: 18 Feb 2022 16:28

Instrument :  
 BNA\_P  
 ClientSampleId :  
 MW-16SR

Tgt Ion:244 Resp: 5998303  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.5 9.7  
 122 8.6 9.2 13.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.663 min Scan# 3515  
 Delta R.T. -0.000 min  
 Lab File: BP009216.D  
 Acq: 18 Feb 2022 16:28

Tgt Ion:264 Resp: 1320331  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.1 28.7  
 265 22.0 17.1 25.7

