

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022621\  
 Data File : BF123310.D  
 Acq On : 26 Feb 2021 19:16  
 Operator : JU/CG  
 Sample : M1475-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WA-CON

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Quant Time: Feb 26 23:27:59 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF021921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 19 16:08:53 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.851  | 152  | 118740   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.133  | 136  | 484406   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.892  | 164  | 255017   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.380 | 188  | 491651   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.033 | 240  | 447358   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.504 | 264  | 424116   | 20.00  | ng    | -0.01    |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 998821   | 121.08 | ng    | 0.00     |
| 7) Phenol-d6                | 6.487  | 99   | 1199297  | 107.01 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.410  | 82   | 885543   | 83.68  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.686 | 330  | 340967   | 131.31 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.210  | 172  | 1413430  | 79.61  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.980 | 244  | 1737871  | 74.70  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid            | 7.933  | 122  | 13105m   | 2.46   | ng    |          |
| -----                       |        |      |          |        |       |          |

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

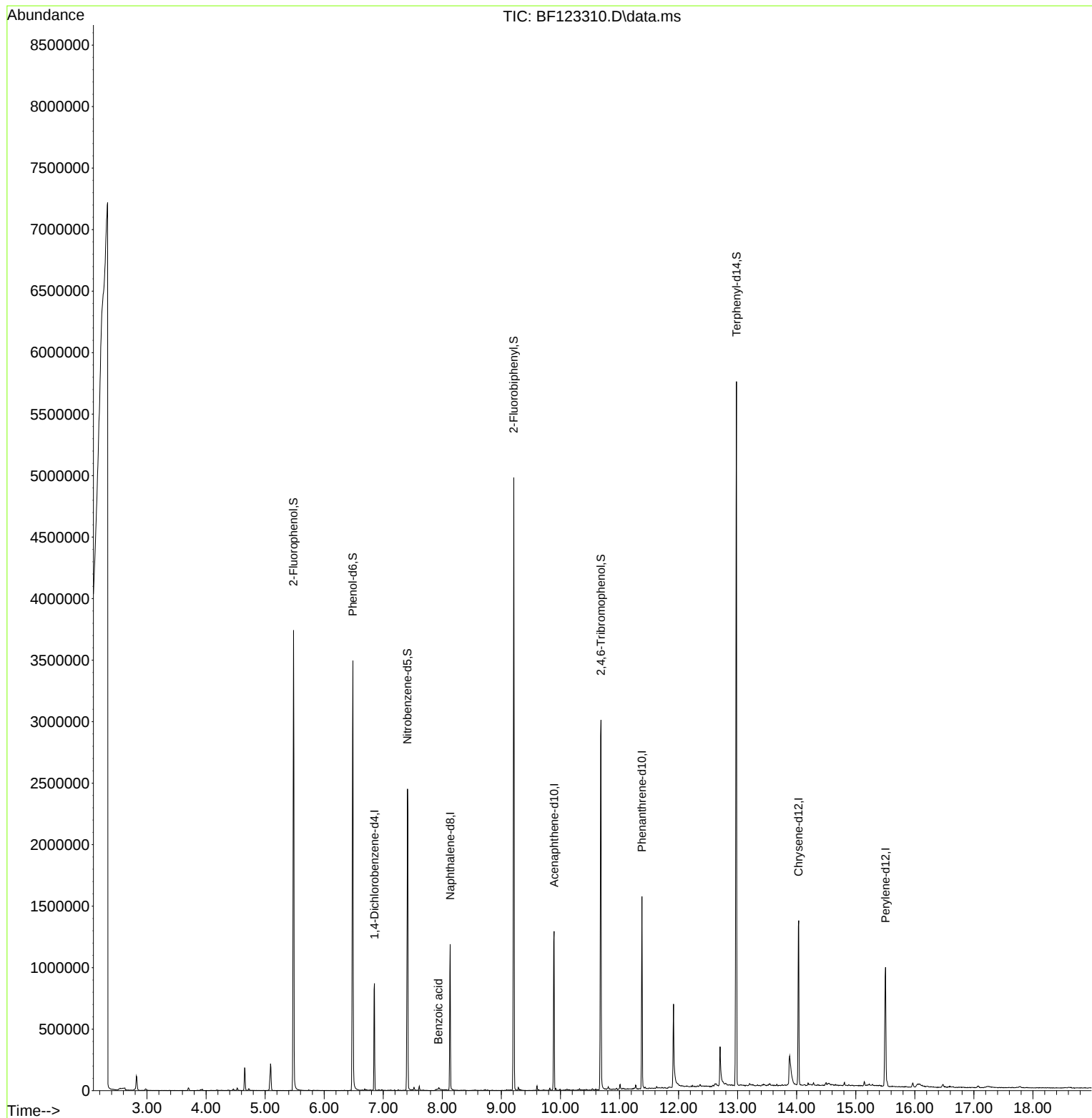
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022621\  
Data File : BF123310.D  
Acq On : 26 Feb 2021 19:16  
Operator : JU/CG  
Sample : M1475-02  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

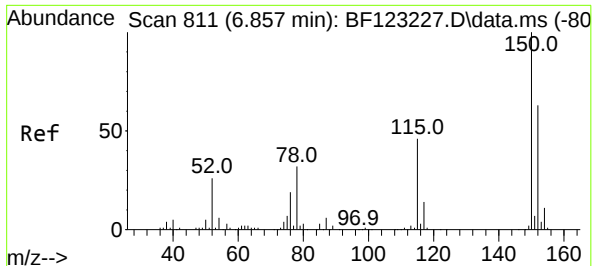
Instrument :  
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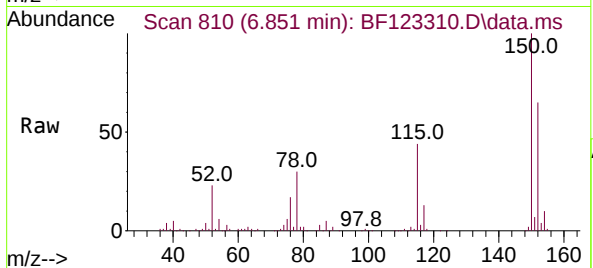
Quant Time: Feb 26 23:27:59 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF021921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 19 16:08:53 2021  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.851 min Scan# 810  
Delta R.T. -0.006 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16

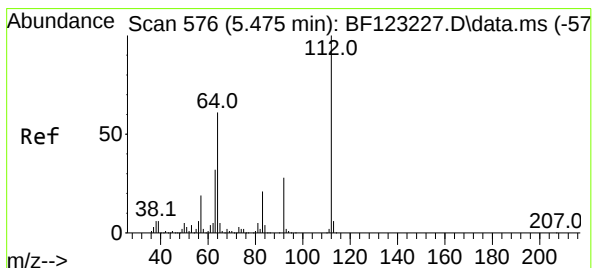
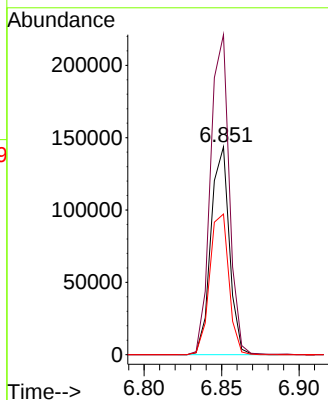
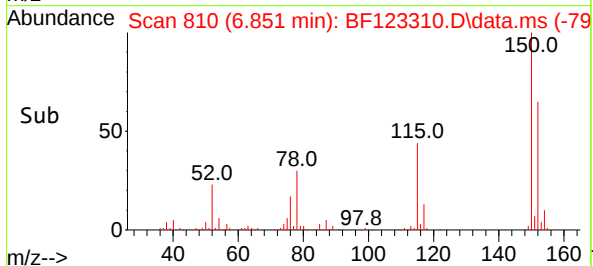
Instrument :  
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ClientSampleId :  
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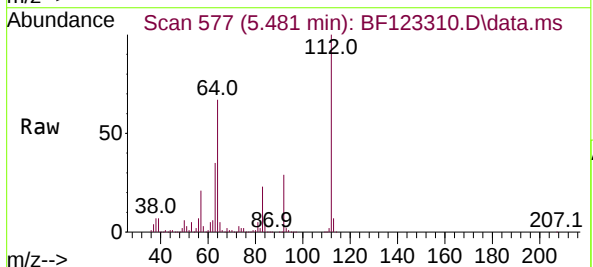
Tgt Ion:152 Resp: 118740  
Ion Ratio Lower Upper  
152 100  
150 154.0 125.8 188.6  
115 67.7 49.3 73.9

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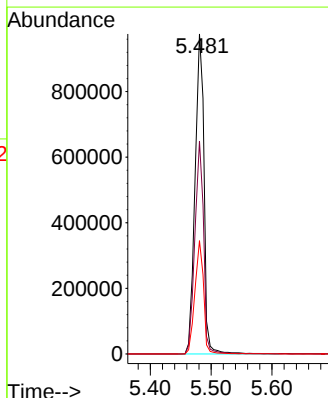
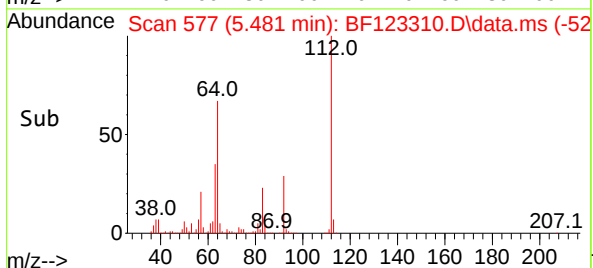
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#5  
2-Fluorophenol  
Concen: 121.08 ng  
RT: 5.481 min Scan# 577  
Delta R.T. 0.006 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16

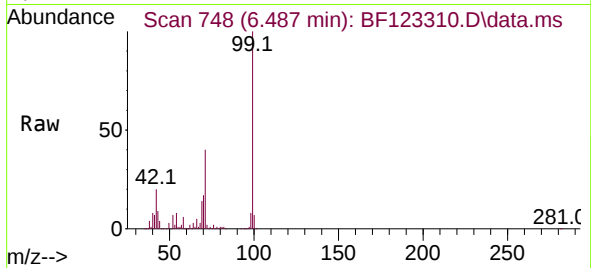


Tgt Ion:112 Resp: 998821  
Ion Ratio Lower Upper  
112 100  
64 66.5 46.9 70.3  
63 35.4 24.5 36.7

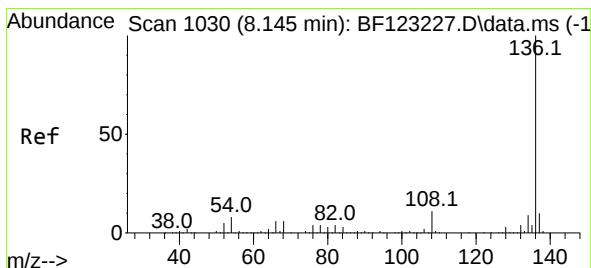
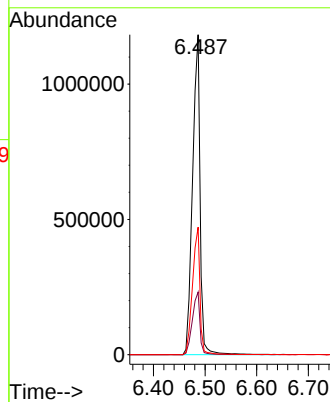
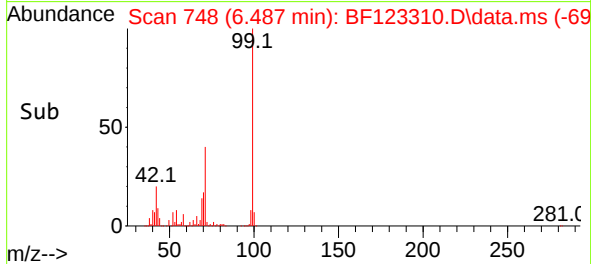




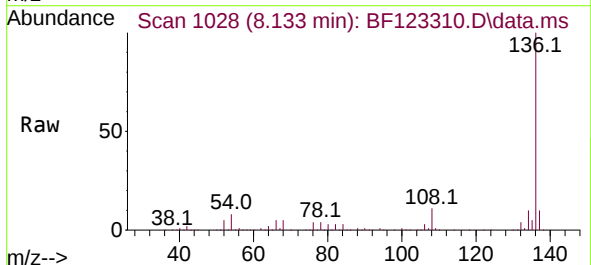
#7  
Phenol-d6  
Concen: 107.01 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.006 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16



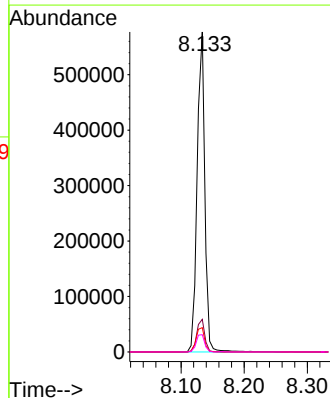
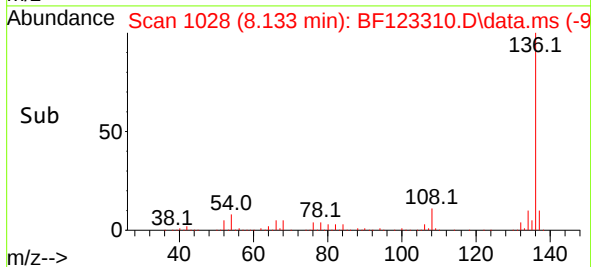
Tgt Ion: 99 Resp: 1199297  
Ion Ratio Lower Upper  
99 100  
42 19.6 13.8 20.6  
71 39.9 26.9 40.3



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.133 min Scan# 1028  
Delta R.T. -0.012 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16



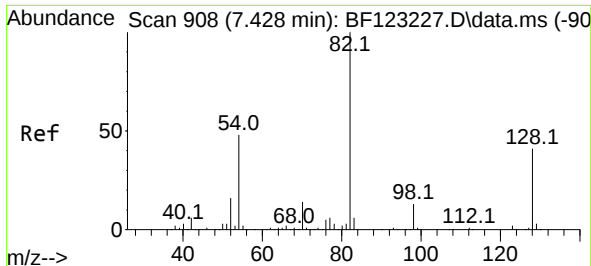
Tgt Ion: 136 Resp: 484406  
Ion Ratio Lower Upper  
136 100  
137 10.2 8.8 13.2  
54 7.6 5.5 8.3  
68 5.4 4.6 6.8



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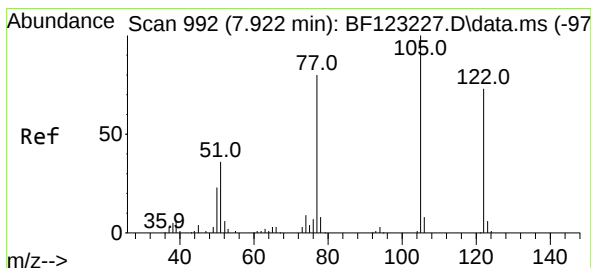
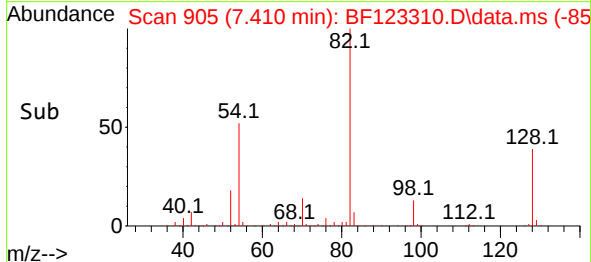
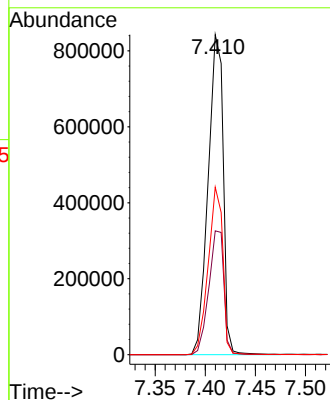
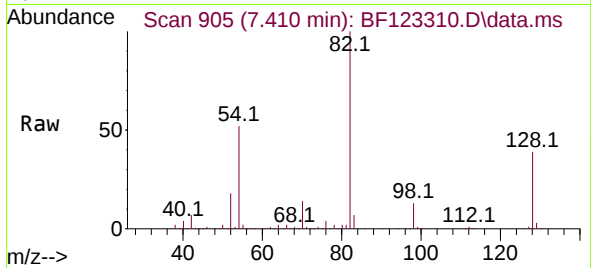
#23  
Nitrobenzene-d5  
Concen: 83.68 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.018 min  
Lab File: BF123310.D  
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Tgt Ion: 82 Resp: 885543  
Ion Ratio Lower Upper  
82 100  
128 38.7 37.0 55.4  
54 52.4 38.4 57.6

Instrument :  
BNA\_F  
ClientSampleId :  
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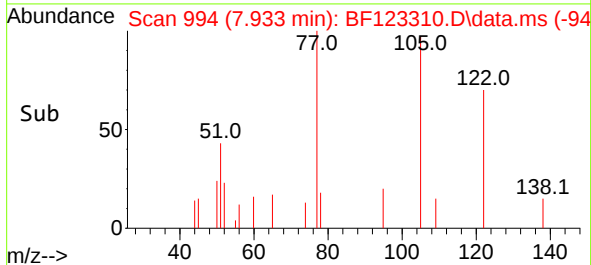
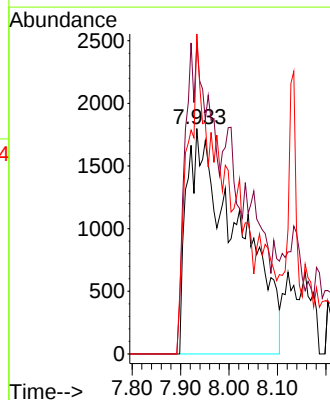
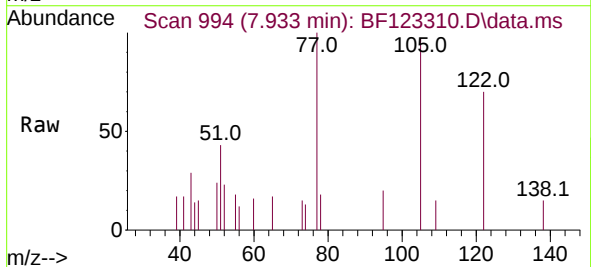
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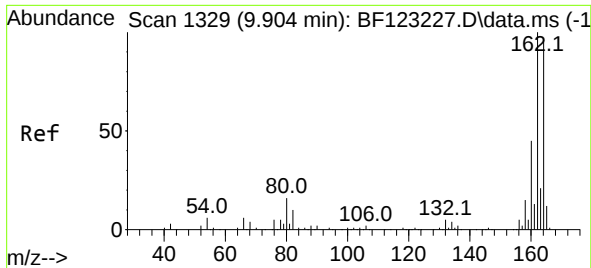
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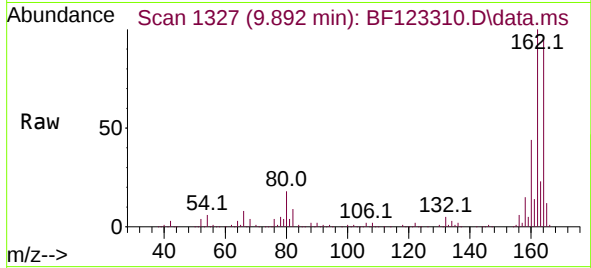
#32  
Benzoic acid  
Concen: 2.46 ng m  
RT: 7.933 min Scan# 994  
Delta R.T. 0.012 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16

Tgt Ion: 122 Resp: 13105  
Ion Ratio Lower Upper  
122 100  
105 138.1 104.8 144.8  
77 142.0 71.0 111.0#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.012 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16

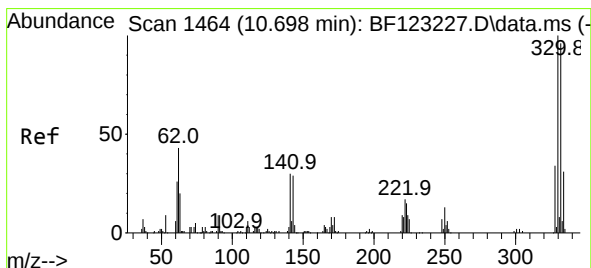
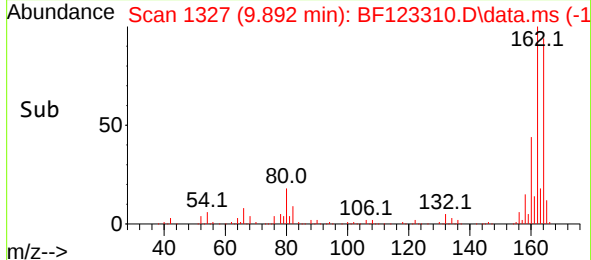
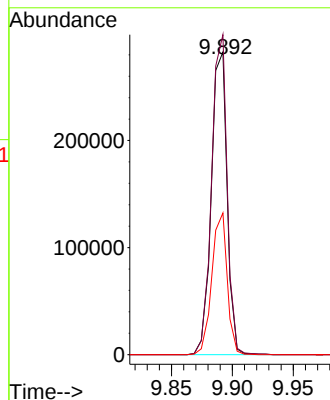


Tgt Ion:164 Resp: 255017  
Ion Ratio Lower Upper  
164 100  
162 105.7 80.8 121.2  
160 46.8 35.4 53.0

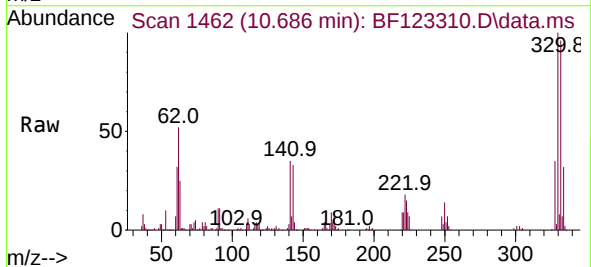
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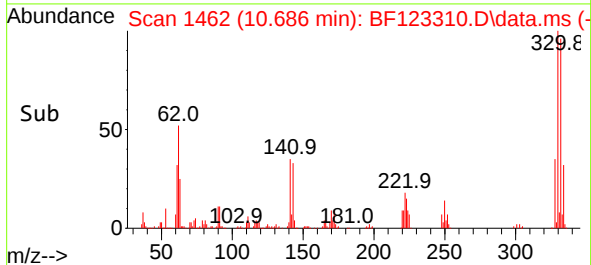
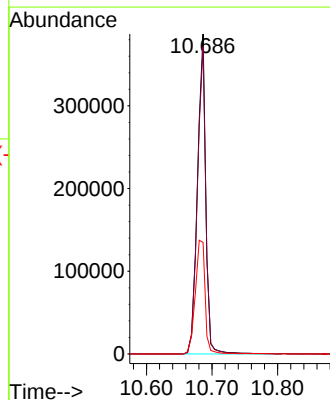
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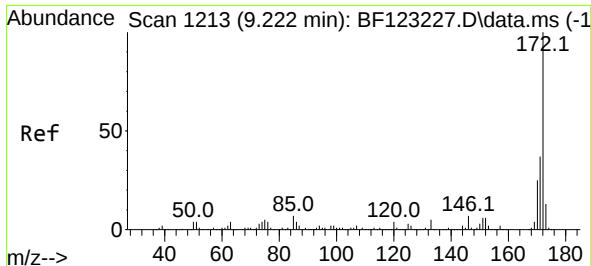


#42  
2,4,6-Tribromophenol  
Concen: 131.31 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. -0.012 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16



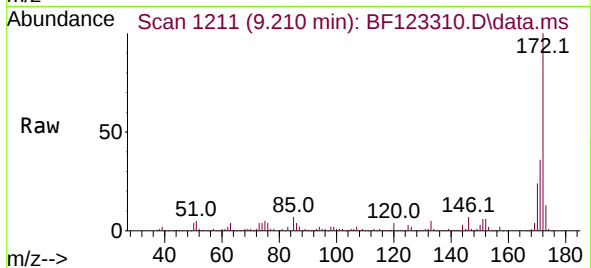
Tgt Ion:330 Resp: 340967  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.5 116.3  
141 41.9 23.8 35.8#





#45  
2-Fluorobiphenyl  
Concen: 79.61 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. -0.012 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16

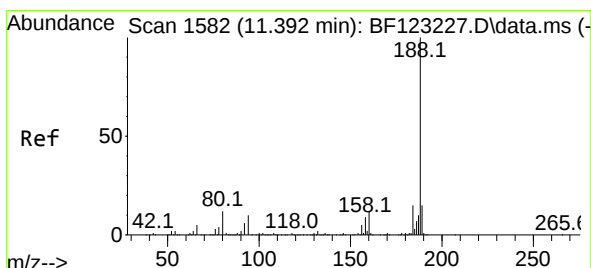
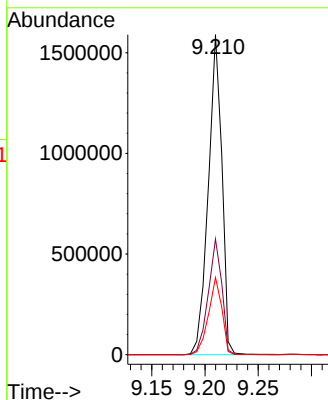
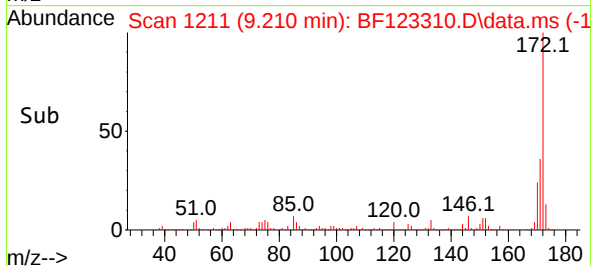
Instrument :  
BNA\_F  
ClientSampleId :  
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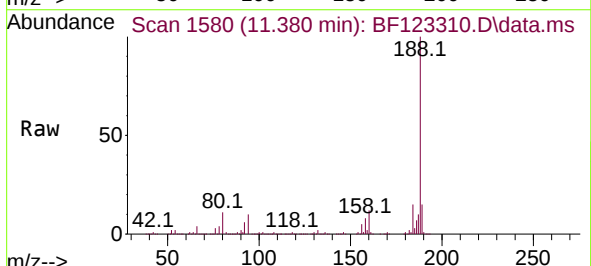
Tgt Ion:172 Resp: 1413430  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.6 44.4  
170 24.1 19.5 29.3

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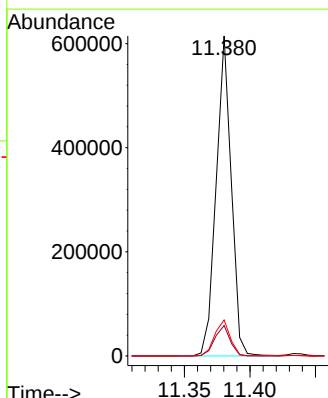
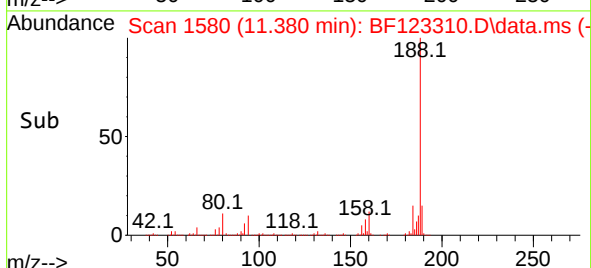
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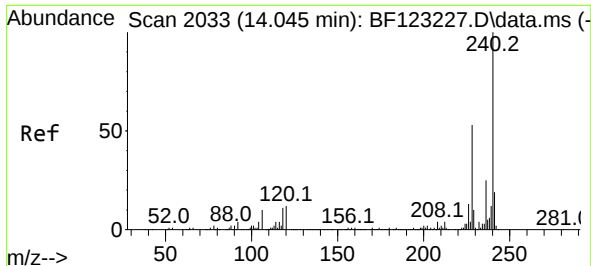


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.380 min Scan# 1580  
Delta R.T. -0.012 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16



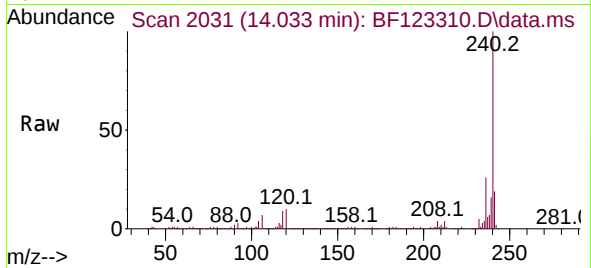
Tgt Ion:188 Resp: 491651  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.4 11.2  
80 11.3 8.2 12.4





#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. -0.012 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16

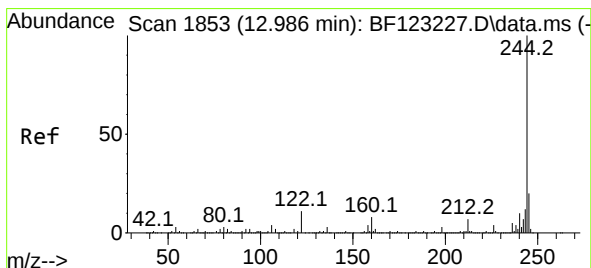
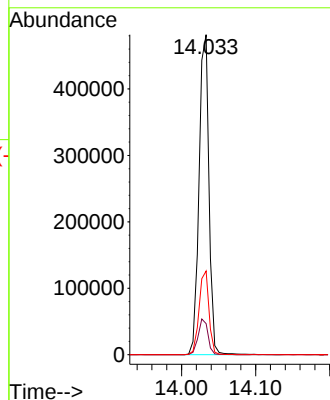
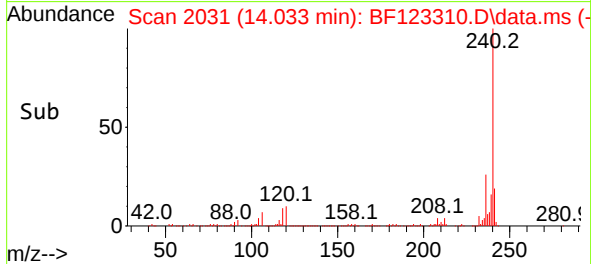
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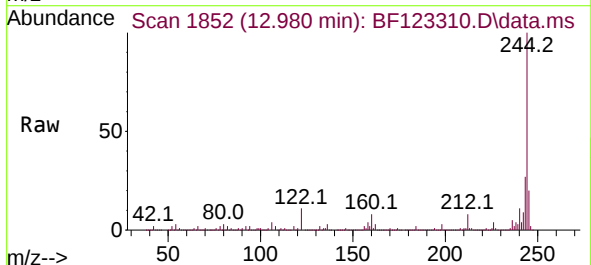
Tgt Ion:240 Resp: 447358  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.6 12.8  
236 26.1 20.3 30.5

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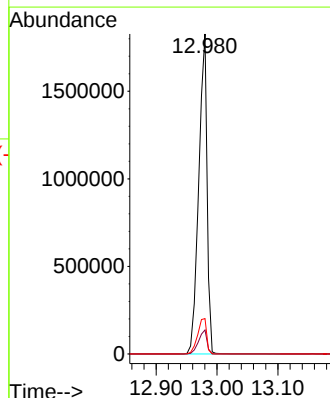
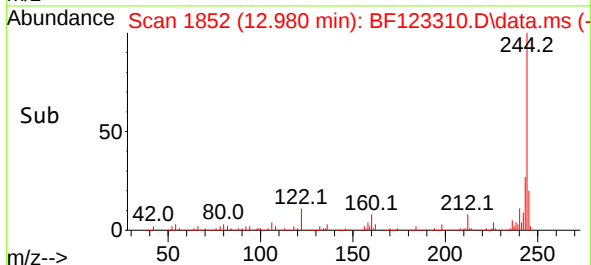
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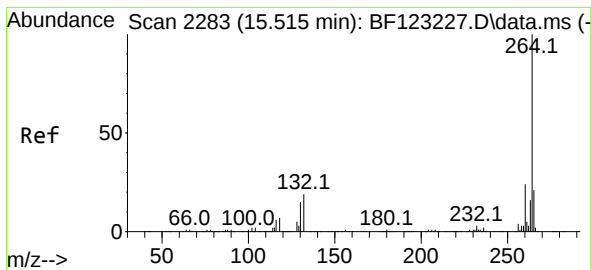


#79  
Terphenyl-d14  
Concen: 74.70 ng  
RT: 12.980 min Scan# 1852  
Delta R.T. -0.006 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16



Tgt Ion:244 Resp: 1737871  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.7 8.5  
122 11.1 8.3 12.5





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.504 min Scan# 2281  
Delta R.T. -0.012 min  
Lab File: BF123310.D  
Acq: 26 Feb 2021 19:16

Tgt Ion:264 Resp: 424116  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 18.6  | 28.0  |
| 265 | 20.7  | 17.0  | 25.6  |

Instrument :  
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