

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101320\  
 Data File : BF121942.D  
 Acq On : 13 Oct 2020 17:13  
 Operator : JU/CG  
 Sample : L4333-12  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OH-WC-C-C1

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Quant Time: Oct 13 18:05:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 12 16:22:33 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.745  | 152  | 113524   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.028  | 136  | 433051   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.775  | 164  | 212458   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.263 | 188  | 364910   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.898 | 240  | 265915   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 15.339 | 264  | 264999   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 783466   | 101.86 | ng    | 0.01     |
| 7) Phenol-d6                | 6.393  | 99   | 852191   | 86.07  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.310  | 82   | 799961   | 94.74  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.569 | 330  | 326905   | 124.39 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.104  | 172  | 1283932  | 88.92  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.851 | 244  | 1195099  | 85.65  | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
| 32) Benzoic acid            | 7.840  | 122  | 9751m    | 9.71   | ng    | Qvalue   |
| -----                       |        |      |          |        |       |          |

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

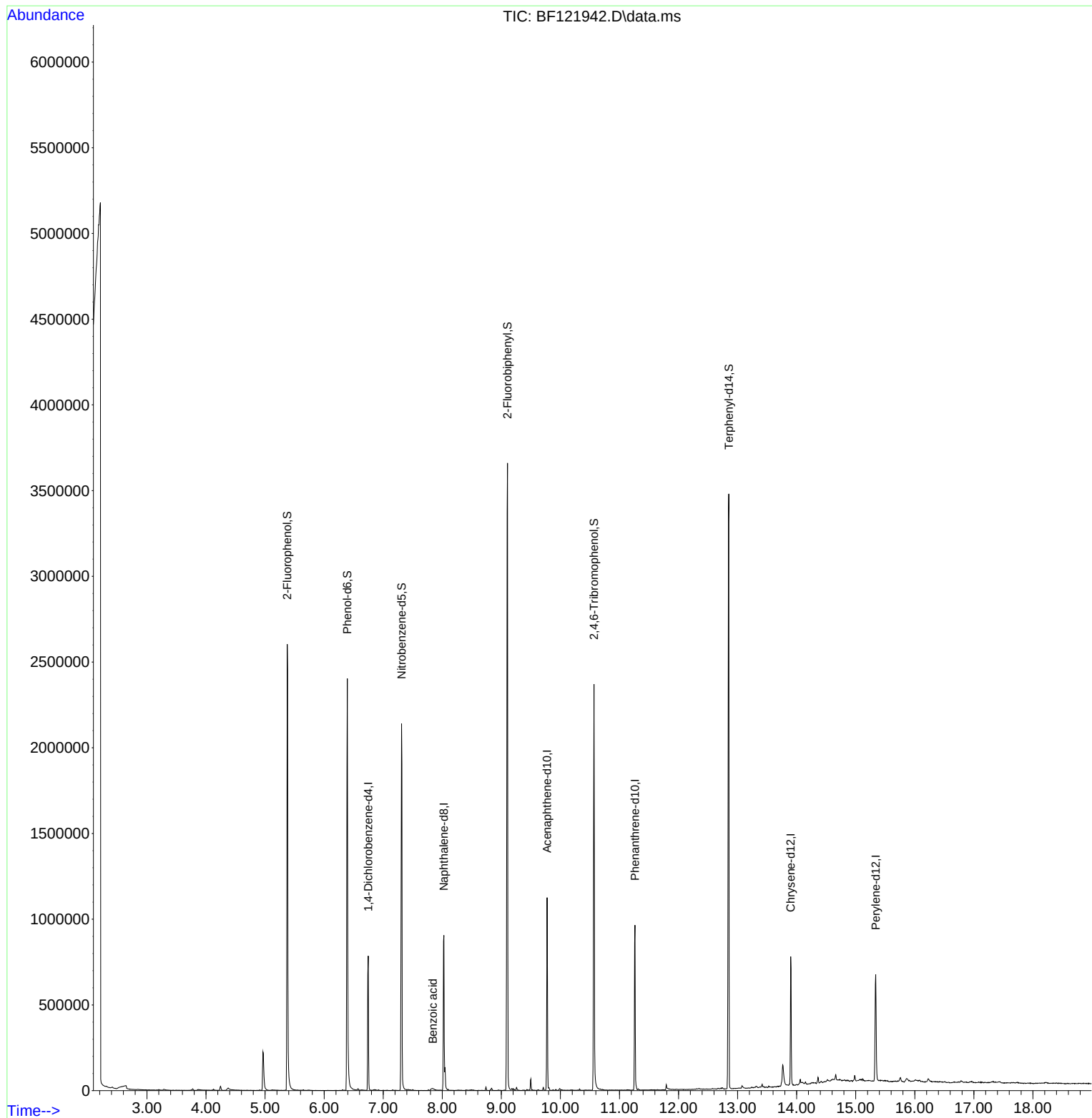
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101320\  
Data File : BF121942.D  
Acq On : 13 Oct 2020 17:13  
Operator : JU/CG  
Sample : L4333-12  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

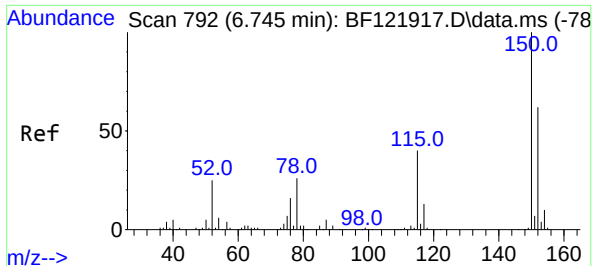
Instrument :  
BNA\_F  
ClientSampleId :  
OH-WC-C-C1

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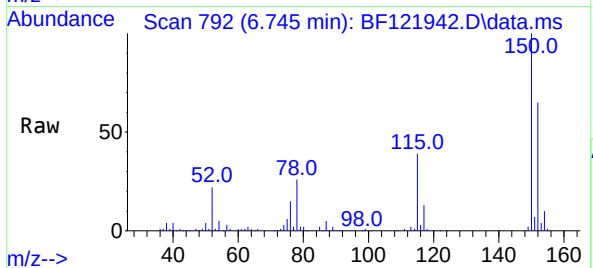
Quant Time: Oct 13 18:05:56 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 12 16:22:33 2020  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.745 min Scan# 792  
Delta R.T. 0.000 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

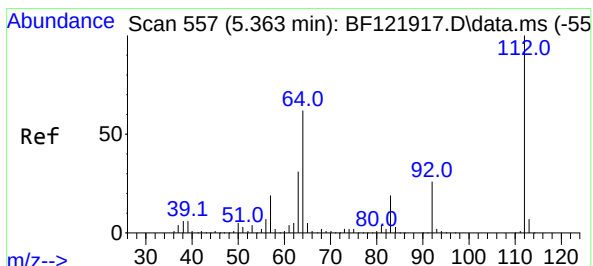
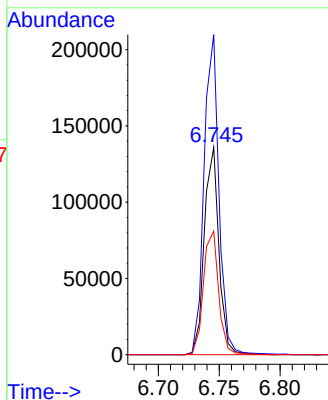
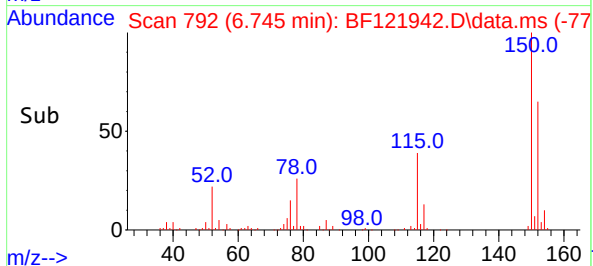
Instrument :  
BNA\_F  
ClientSampleId :  
OH-WC-C-C1



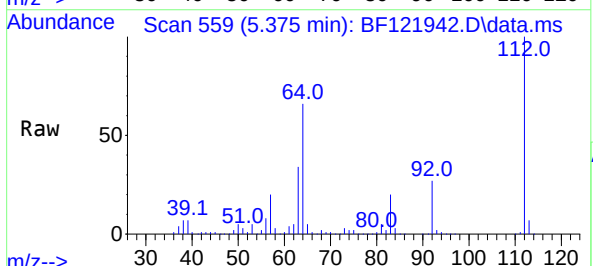
Tgt Ion:152 Resp: 113524  
Ion Ratio Lower Upper  
152 100  
150 154.3 125.3 187.9  
115 59.6 51.9 77.9

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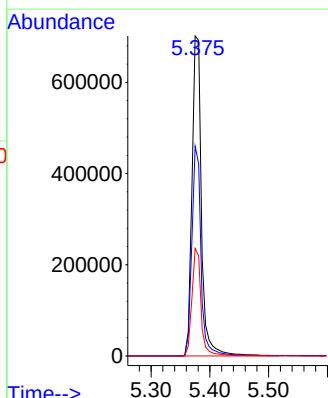
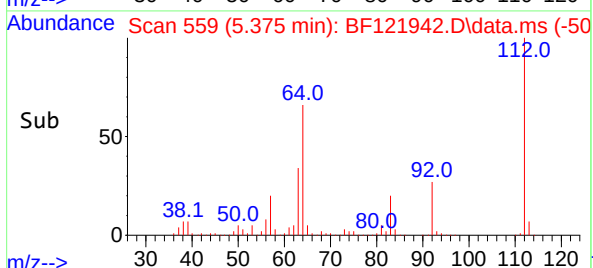
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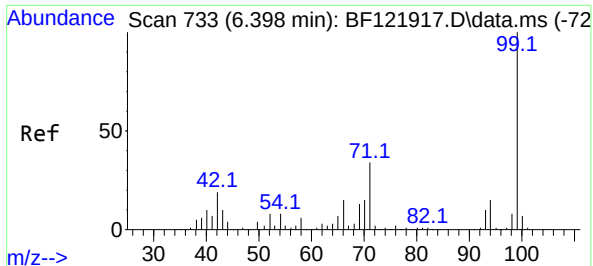


#5  
2-Fluorophenol  
Concen: 101.86 ng  
RT: 5.375 min Scan# 559  
Delta R.T. 0.012 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13



Tgt Ion:112 Resp: 783466  
Ion Ratio Lower Upper  
112 100  
64 65.6 50.4 75.6  
63 33.6 25.8 38.6





#7  
Phenol-d6  
Concen: 86.07 ng  
RT: 6.393 min Scan# 732  
Delta R.T. -0.006 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

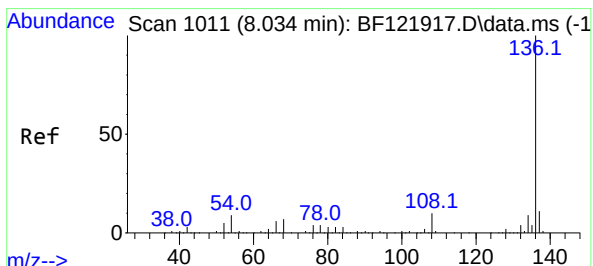
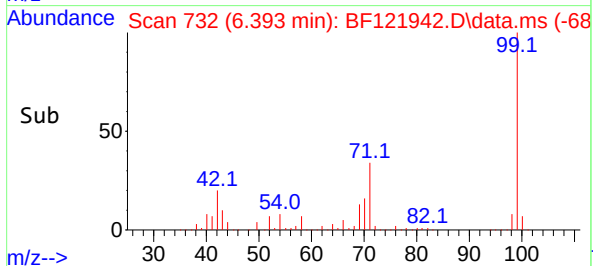
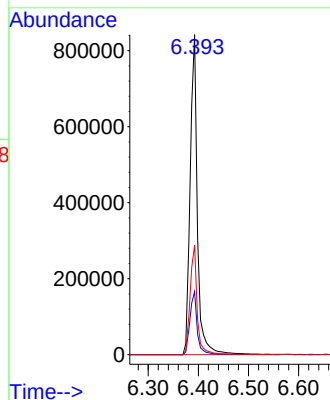
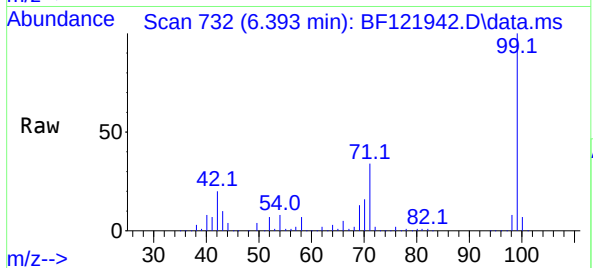
Tgt Ion: 99 Resp: 852191

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.7  | 15.9  | 23.9  |
| 71  | 34.2  | 27.1  | 40.7  |

Instrument :  
BNA\_F  
ClientSampleId :  
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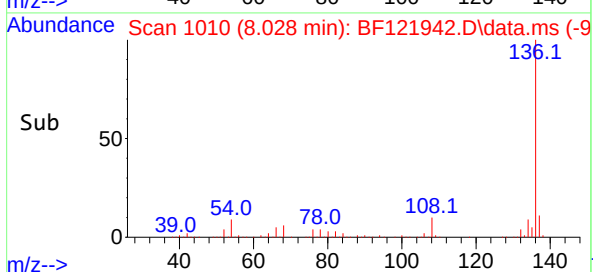
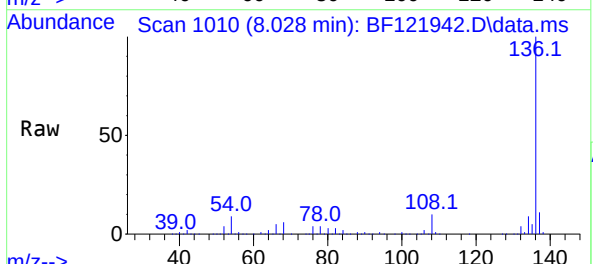
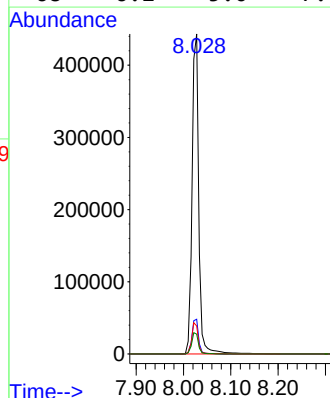
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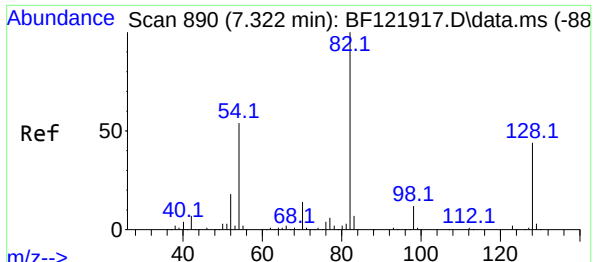


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.028 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

Tgt Ion: 136 Resp: 433051

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 8.7   | 7.1   | 10.7  |
| 68  | 6.2   | 5.0   | 7.4   |





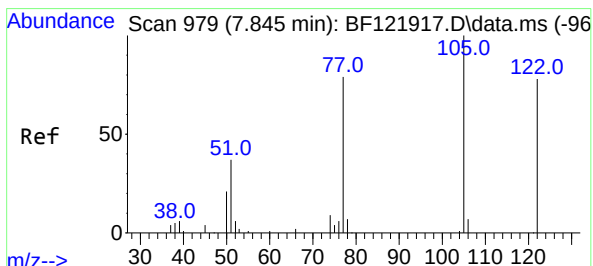
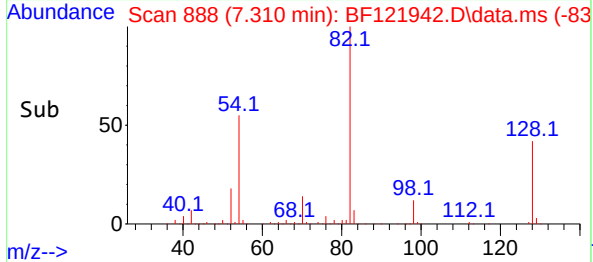
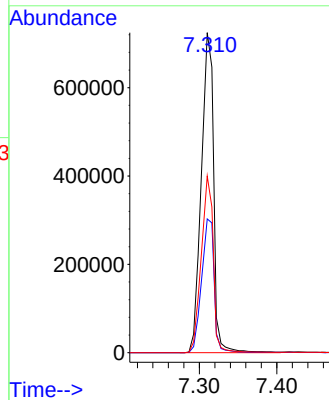
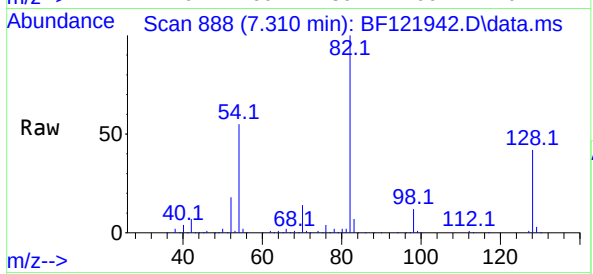
#23  
Nitrobenzene-d5  
Concen: 94.74 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.012 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 799961 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 41.8  | 35.0  | 52.4   |
| 54       | 55.2  | 43.9  | 65.9   |

Instrument :  
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ClientSampleId :  
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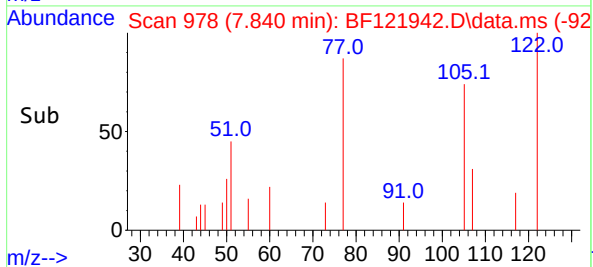
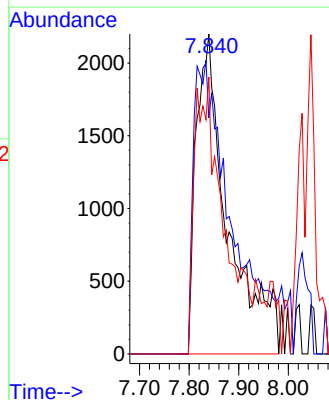
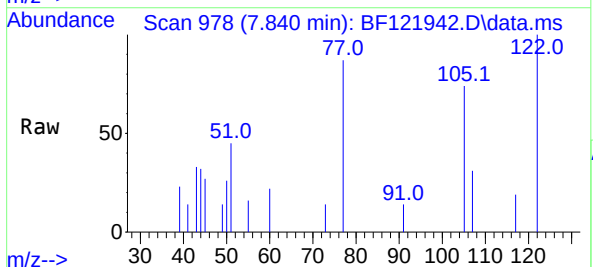
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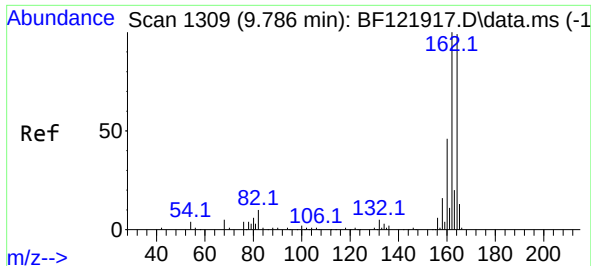
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#32  
Benzoic acid  
Concen: 9.71 ng m  
RT: 7.840 min Scan# 978  
Delta R.T. -0.005 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 9751   |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 73.8  | 103.3 | 143.3# |
| 77       | 86.5  | 73.9  | 113.9  |





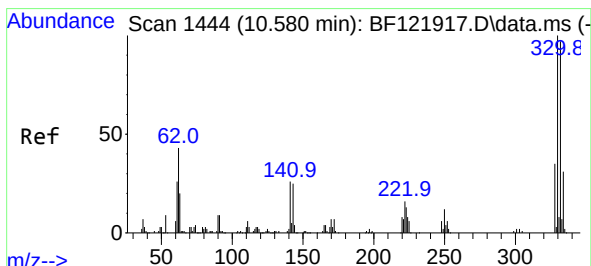
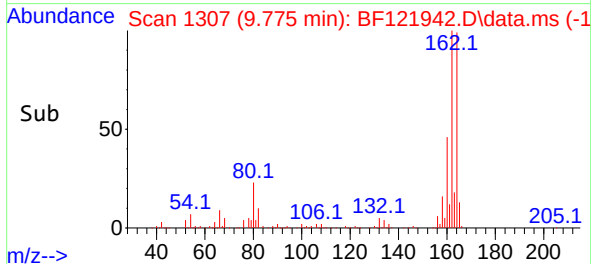
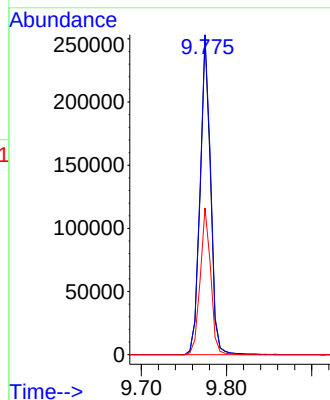
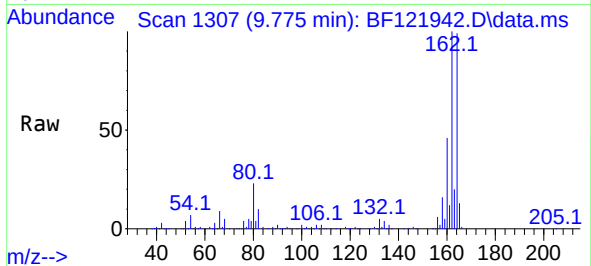
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. -0.011 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

Tgt Ion:164 Resp: 212458  
Ion Ratio Lower Upper  
164 100  
162 101.0 83.2 124.8  
160 46.3 37.5 56.3

Instrument :  
BNA\_F  
ClientSampleId :  
OH-WC-C-C1

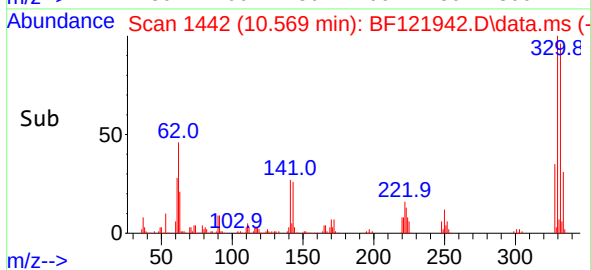
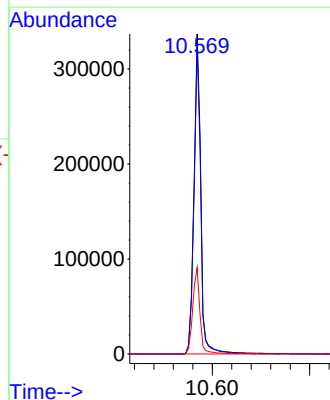
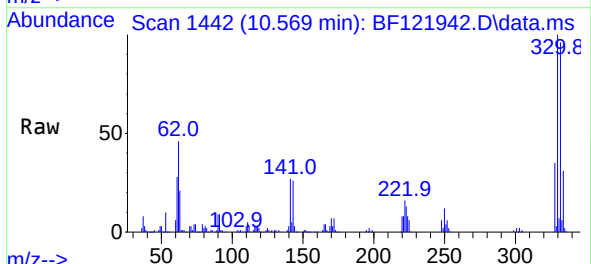
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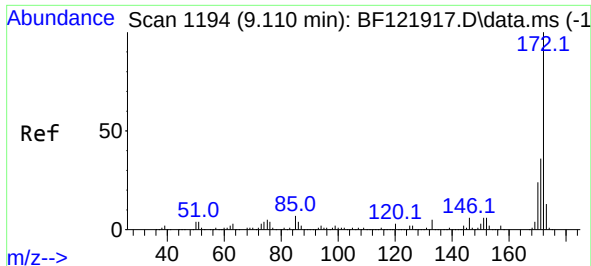
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#42  
2,4,6-Tribromophenol  
Concen: 124.39 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. -0.012 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

Tgt Ion:330 Resp: 326905  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.3 115.9  
141 28.5 22.3 33.5





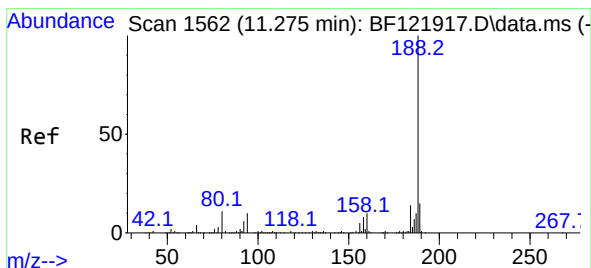
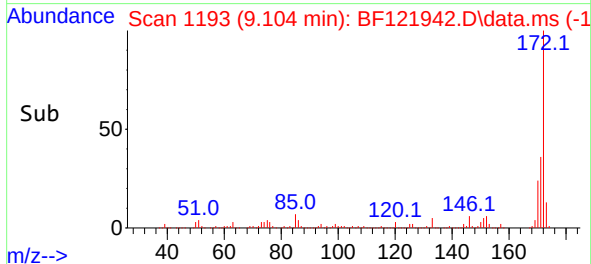
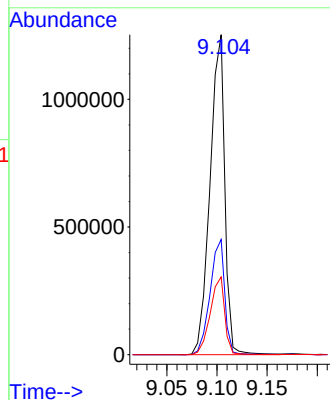
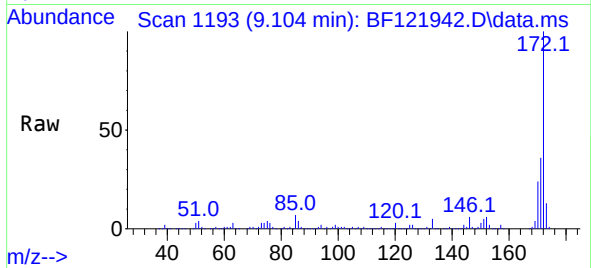
#45  
2-Fluorobiphenyl  
Concen: 88.92 ng  
RT: 9.104 min Scan# 1193  
Delta R.T. -0.006 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

Instrument :  
BNA\_F  
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Tgt Ion:172 Resp: 1283932  
Ion Ratio Lower Upper  
172 100  
171 36.0 29.1 43.7  
170 24.3 19.8 29.6

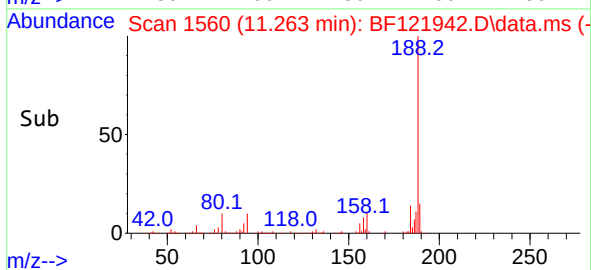
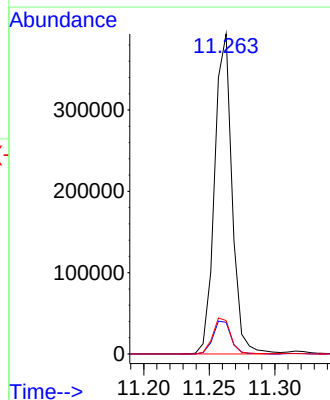
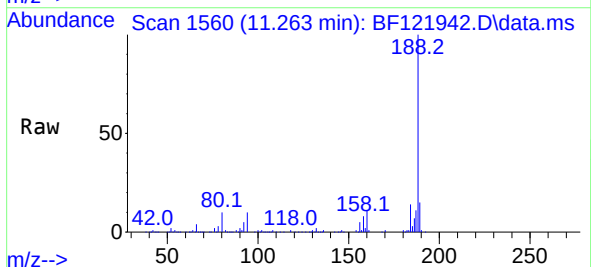
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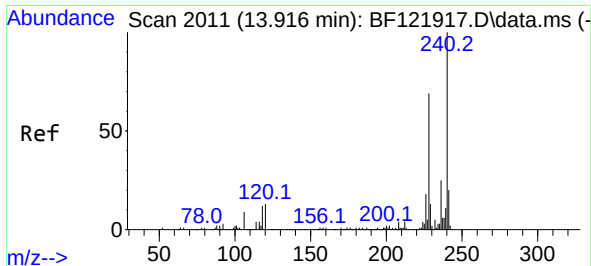
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.263 min Scan# 1560  
Delta R.T. -0.012 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

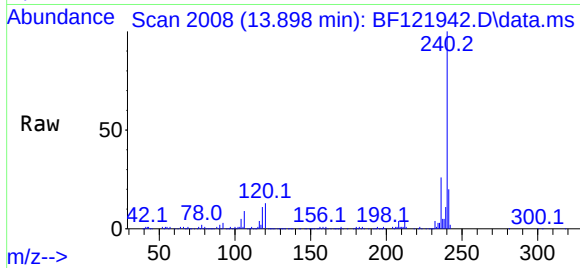
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Ion Ratio Lower Upper  
188 100  
94 9.9 8.3 12.5  
80 10.5 9.1 13.7





#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.898 min Scan# 2008  
Delta R.T. -0.018 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13

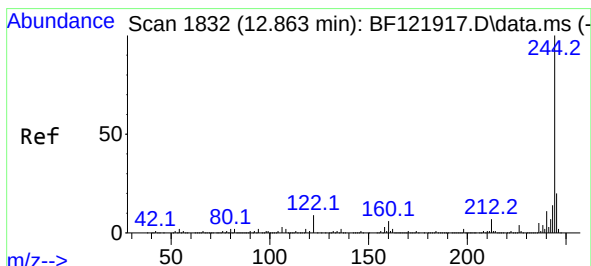
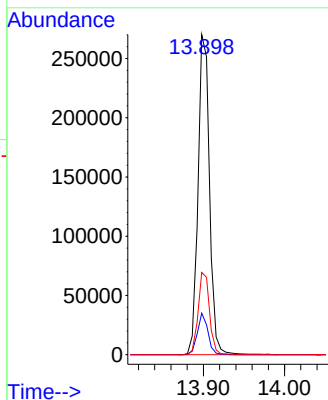
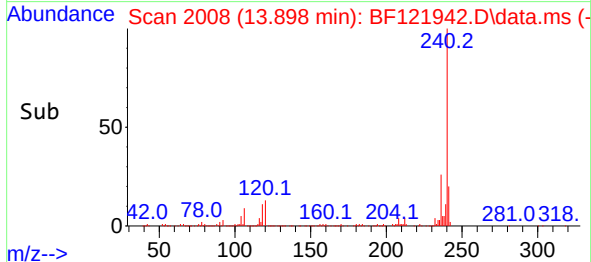
Instrument :  
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ClientSampleId :  
OH-WC-C-C1



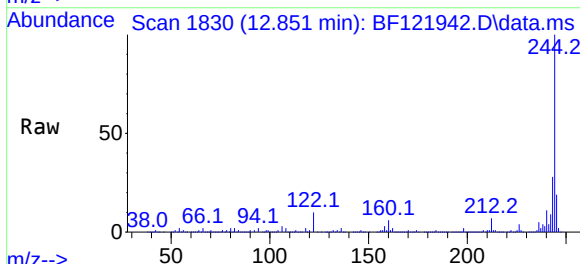
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Ion Ratio Lower Upper  
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120 12.9 9.2 13.8  
236 25.7 20.9 31.3

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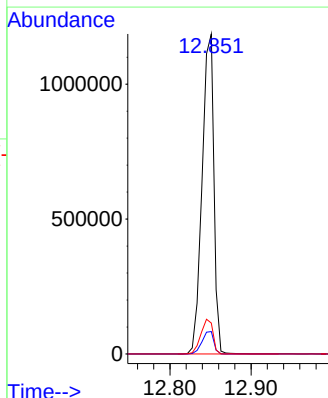
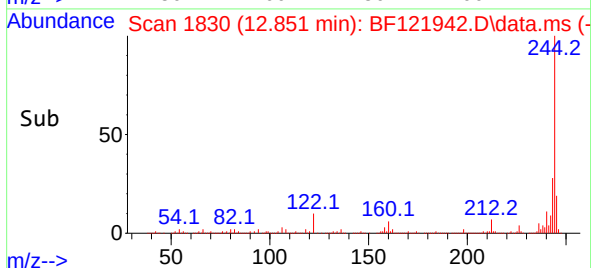
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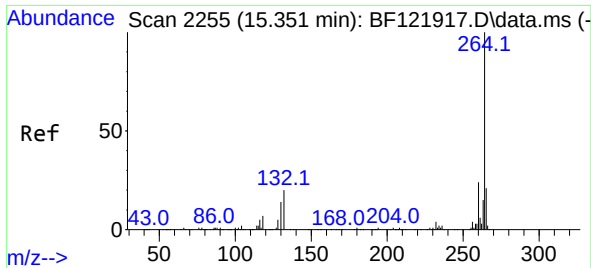
#79  
Terphenyl-d14  
Concen: 85.65 ng  
RT: 12.851 min Scan# 1830  
Delta R.T. -0.012 min  
Lab File: BF121942.D  
Acq: 13 Oct 2020 17:13



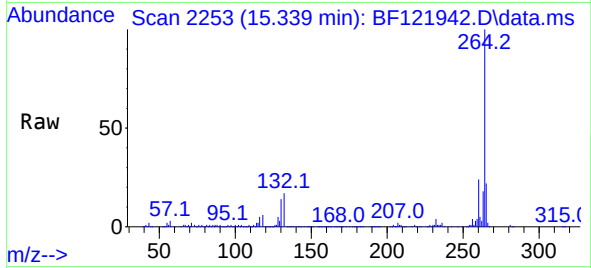
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Ion Ratio Lower Upper  
244 100  
212 7.0 5.4 8.2  
122 9.7 8.1 12.1



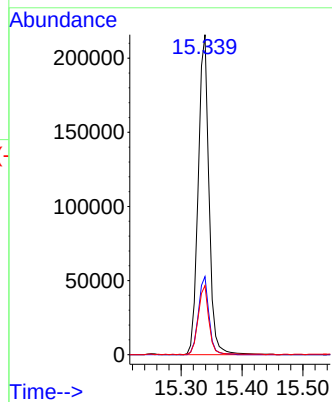
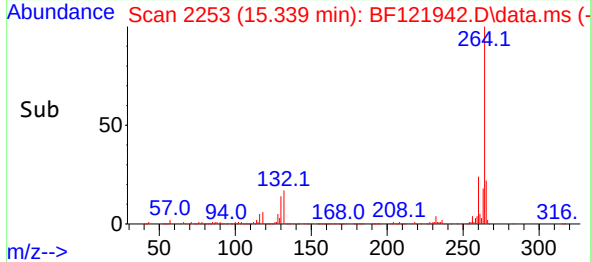




#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.339 min Scan# 2253  
 Delta R.T. -0.012 min  
 Lab File: BF121942.D  
 Acq: 13 Oct 2020 17:13



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 264999 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.4  | 18.7  | 28.1   |
| 265       | 21.6  | 17.3  | 25.9   |



Instrument :  
 BNA\_F  
 ClientSampleId :  
 OH-WC-C-C1

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