

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102620\  
 Data File : BF122129.D  
 Acq On : 26 Oct 2020 22:15  
 Operator : JU/CG  
 Sample : L4510-18  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 COMP-3

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Quant Time: Oct 27 00:56:47 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 26 17:27:32 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.716  | 152  | 96686    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.998  | 136  | 370831   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.745  | 164  | 178001   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.233 | 188  | 290841   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 13.874 | 240  | 219051   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.310 | 264  | 203134   | 20.00 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 555079   | 84.73 | ng    | 0.00     |
| 7) Phenol-d6                | 6.369  | 99   | 700749   | 83.10 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.281  | 82   | 472408   | 65.33 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.539 | 330  | 144356   | 65.56 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.069  | 172  | 771111   | 63.74 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.816 | 244  | 616082   | 53.60 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 50) Dimethylphthalate       | 9.469  | 163  | 82882    | 6.37  | ng    | 98       |
| 75) Fluoranthene            | 12.445 | 202  | 67039    | 3.92  | ng    | 98       |
| 78) Pyrene                  | 12.675 | 202  | 58453    | 3.50  | ng    | 99       |
| 81) Benzo(a)anthracene      | 13.863 | 228  | 40472    | 2.82  | ng    | 98       |
| 83) Chrysene                | 13.904 | 228  | 32569    | 2.31  | ng    | 99       |
| 88) Benzo(b)fluoranthene    | 14.904 | 252  | 42013m   | 3.06  | ng    |          |
| 90) Benzo(a)pyrene          | 15.251 | 252  | 27252    | 2.30  | ng    | # 89     |
| -----                       |        |      |          |       |       |          |

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

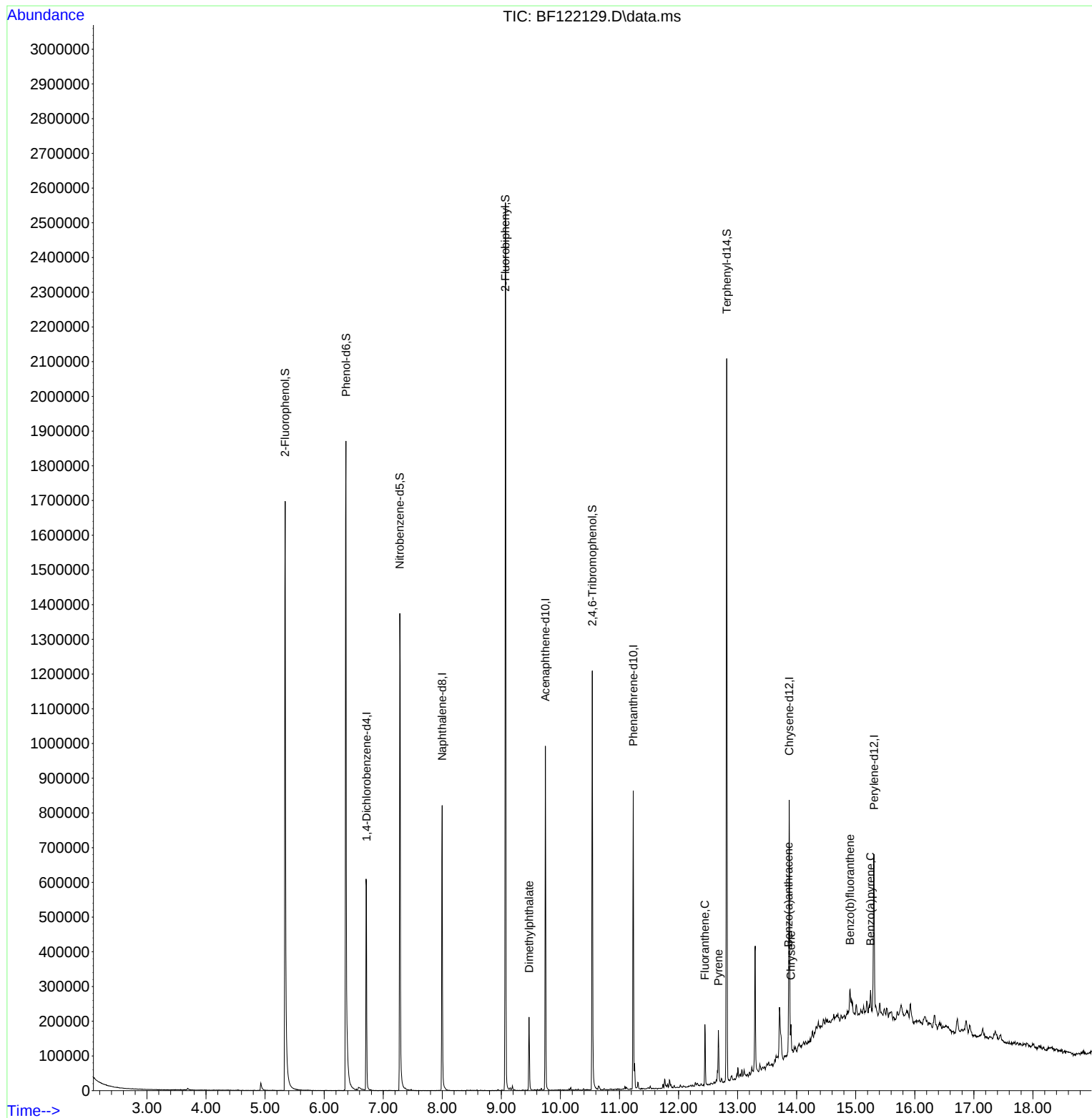
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102620\  
Data File : BF122129.D  
Acq On : 26 Oct 2020 22:15  
Operator : JU/CG  
Sample : L4510-18  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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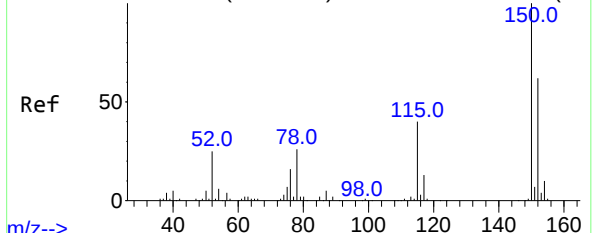
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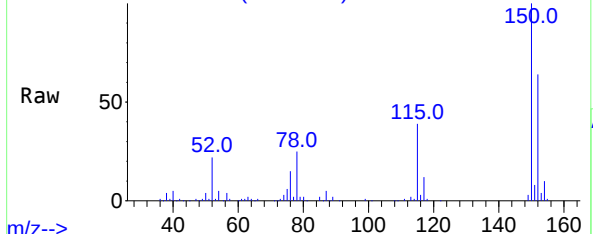
Quant Time: Oct 27 00:56:47 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 26 17:27:32 2020  
Response via : Initial Calibration



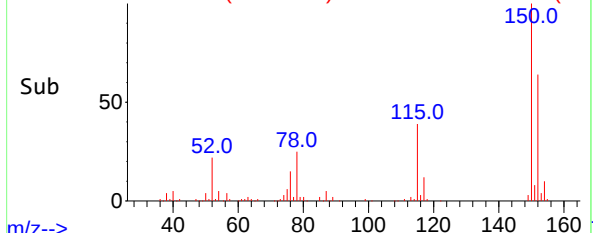
Abundance Scan 792 (6.745 min): BF121917.D\data.ms (-78



m/z--> Scan 787 (6.716 min): BF122129.D\data.ms



m/z--> Abundance Scan 787 (6.716 min): BF122129.D\data.ms (-77

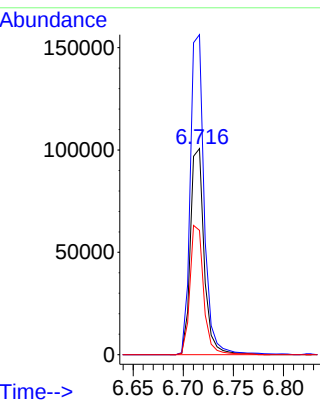


m/z-->

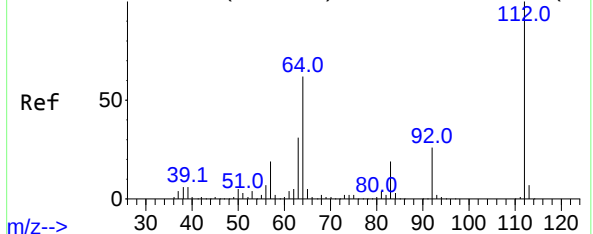
#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.716 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

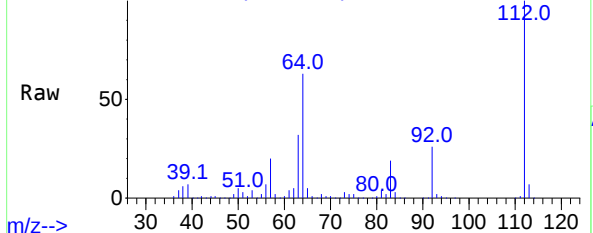
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 96686 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 150      | 155.3 | 125.3 | 187.9 |
| 115      | 60.3  | 51.9  | 77.9  |



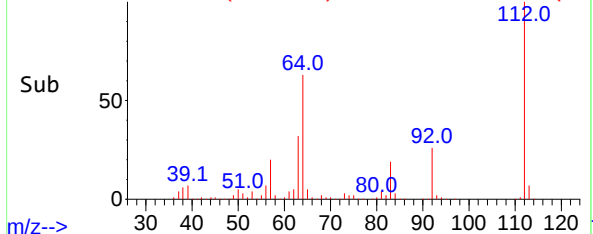
Abundance Scan 557 (5.363 min): BF121917.D\data.ms (-55



m/z--> Abundance Scan 553 (5.340 min): BF122129.D\data.ms



m/z--> Abundance Scan 553 (5.340 min): BF122129.D\data.ms (-50

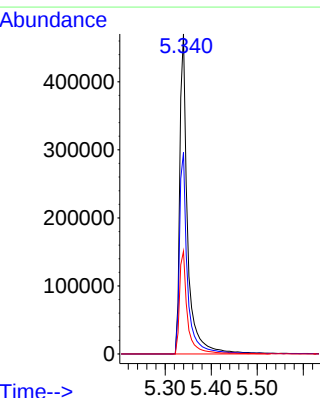


m/z-->

#5

2-Fluorophenol  
Concen: 84.73 ng  
RT: 5.340 min Scan# 553  
Delta R.T. 0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 112   | Resp: | 555079 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 62.9  | 50.4  | 75.6   |
| 63       | 32.1  | 25.8  | 38.6   |



Instrument :  
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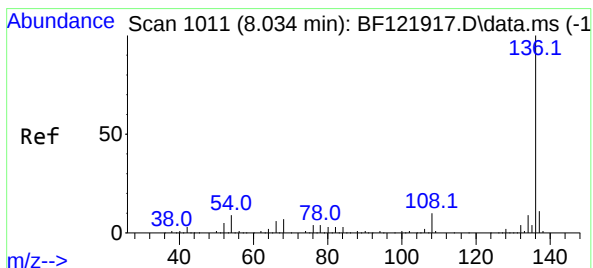
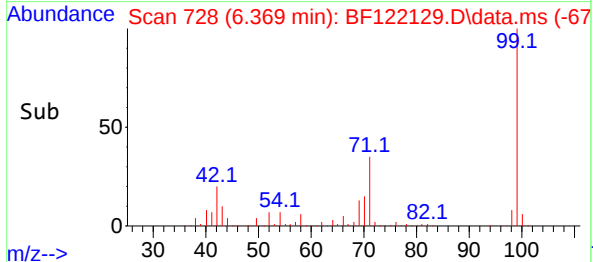
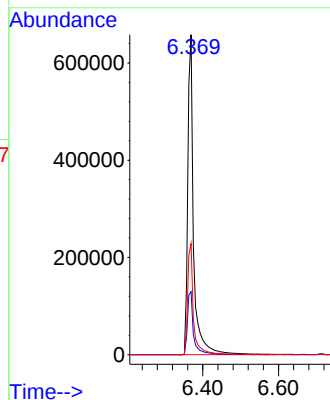
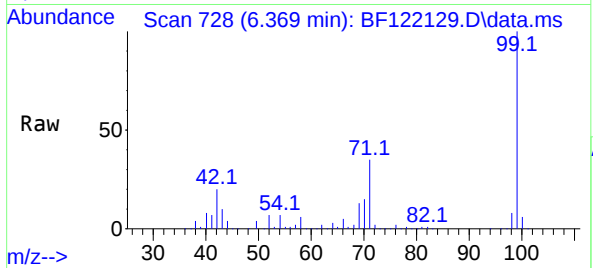
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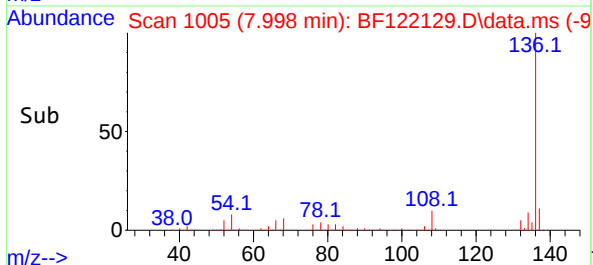
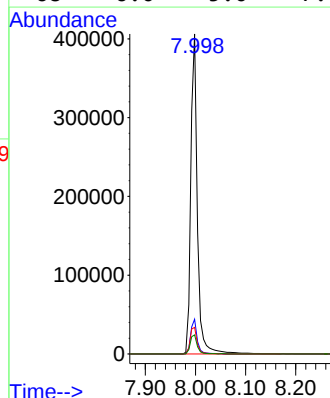
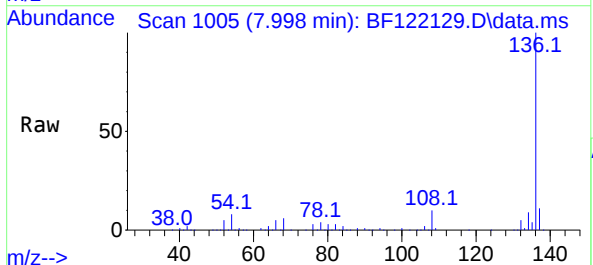
#7  
Phenol-d6  
Concen: 83.10 ng  
RT: 6.369 min Scan# 728  
Delta R.T. 0.000 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

Tgt Ion: 99 Resp: 700749  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.9 23.9  
71 34.7 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. 0.000 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

Tgt Ion: 136 Resp: 370831  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.3 7.1 10.7  
68 6.0 5.0 7.4



Instrument :  
BNA\_F  
ClientSampled :  
COMP-3

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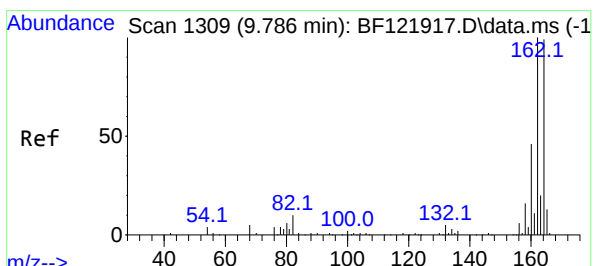
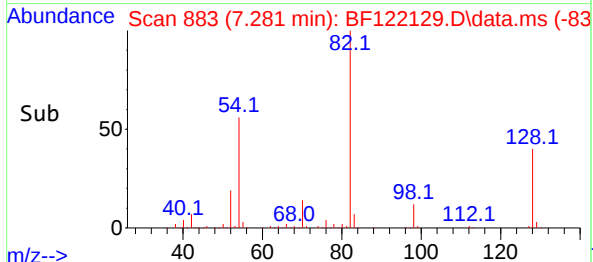
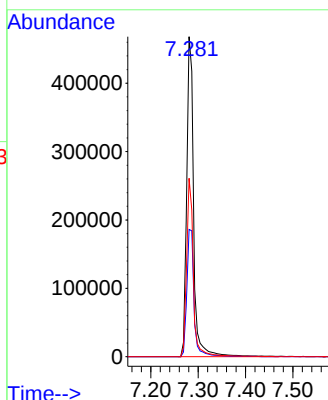
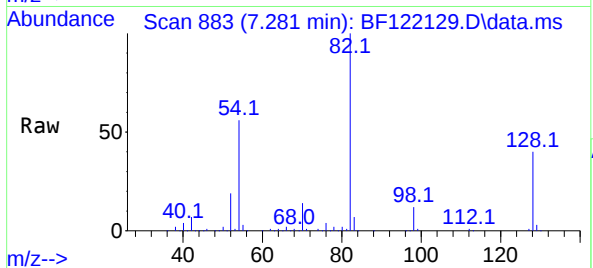
#23  
Nitrobenzene-d5  
Concen: 65.33 ng  
RT: 7.281 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

Tgt Ion: 82 Resp: 472408  
Ion Ratio Lower Upper  
82 100  
128 39.7 35.0 52.4  
54 55.7 43.9 65.9

Instrument :  
BNA\_F  
ClientSampled :  
COMP-3

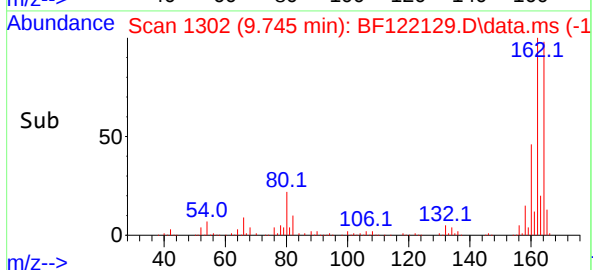
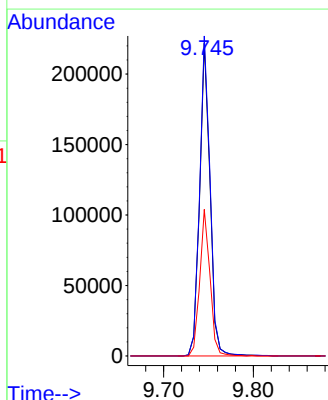
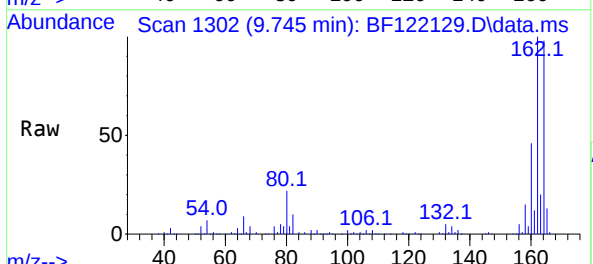
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#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.745 min Scan# 1302  
Delta R.T. -0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

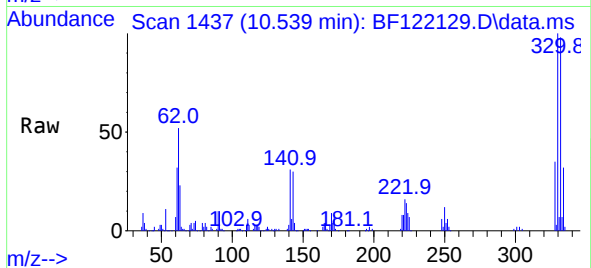
Tgt Ion:164 Resp: 178001  
Ion Ratio Lower Upper  
164 100  
162 102.3 83.2 124.8  
160 46.8 37.5 56.3





#42  
2,4,6-Tribromophenol  
Concen: 65.56 ng  
RT: 10.539 min Scan# 1437  
Delta R.T. -0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

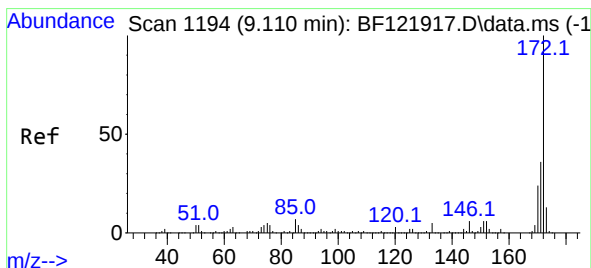
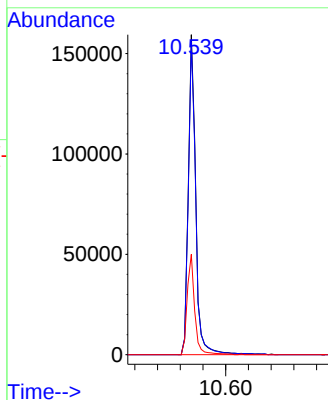
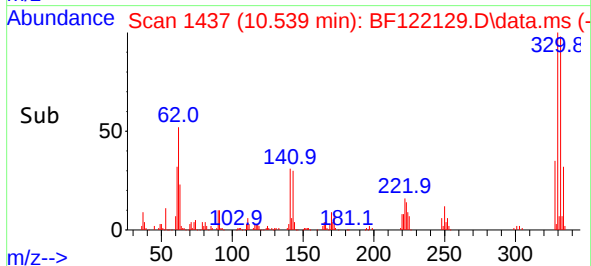
Instrument :  
BNA\_F  
ClientSampled :  
COMP-3



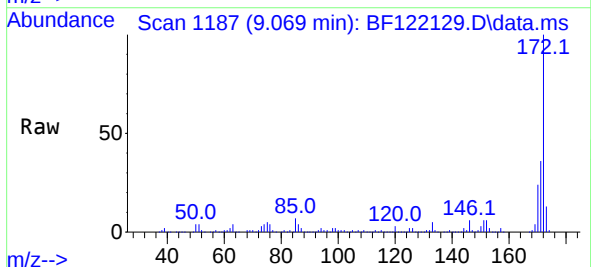
Tgt Ion:330 Resp: 144356  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.3 115.9  
141 31.5 22.3 33.5

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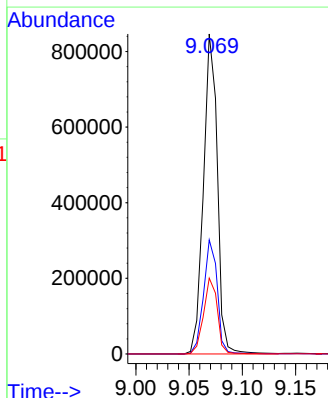
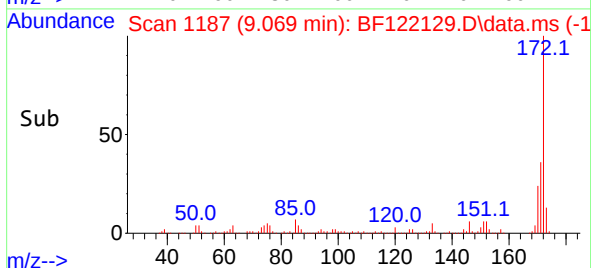
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#45  
2-Fluorobiphenyl  
Concen: 63.74 ng  
RT: 9.069 min Scan# 1187  
Delta R.T. -0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15



Tgt Ion:172 Resp: 771111  
Ion Ratio Lower Upper  
172 100  
171 35.6 29.1 43.7  
170 23.7 19.8 29.6





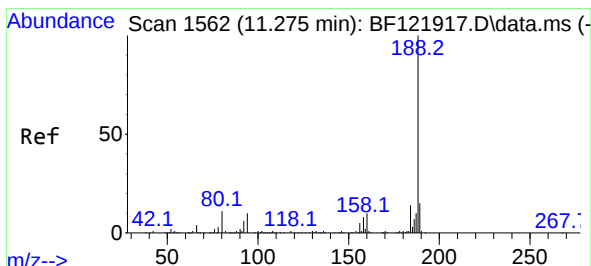
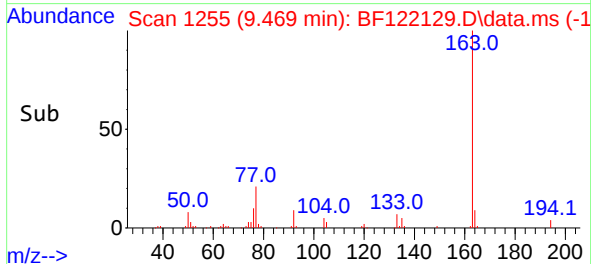
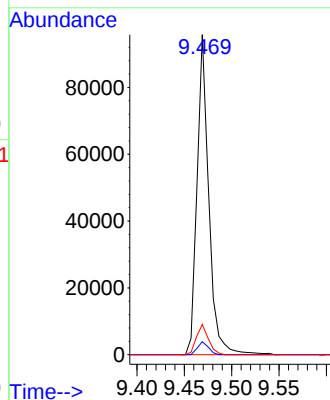
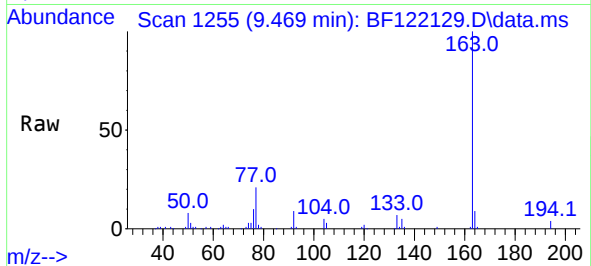
#50  
Dimethylphthalate  
Concen: 6.37 ng  
RT: 9.469 min Scan# 1255  
Delta R.T. -0.012 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

Tgt Ion:163 Resp: 82882  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 9.4 8.2 12.4

Instrument :  
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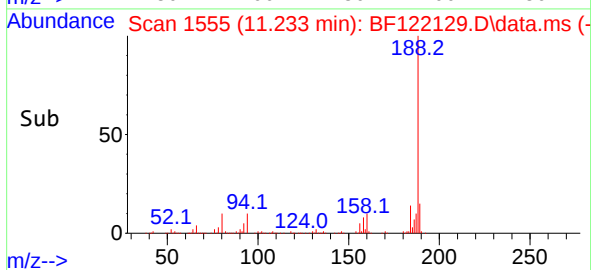
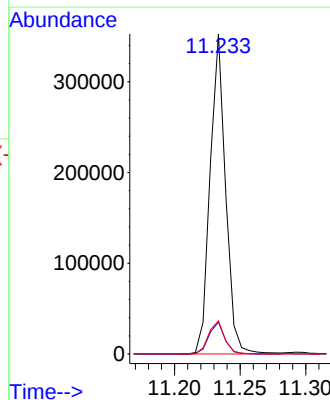
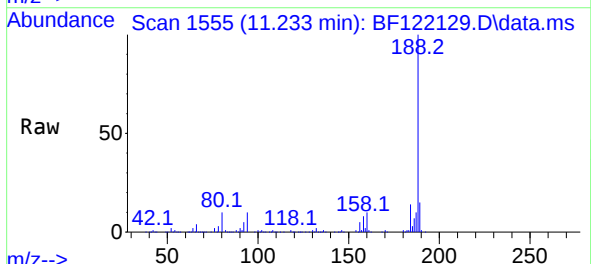
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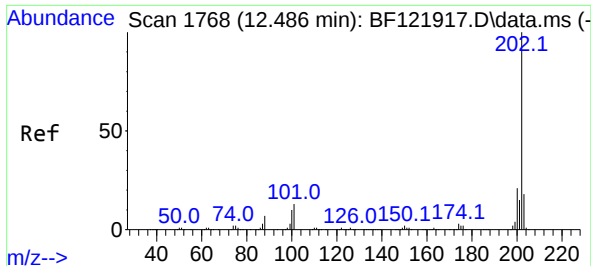
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.233 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

Tgt Ion:188 Resp: 290841  
Ion Ratio Lower Upper  
188 100  
94 10.0 8.3 12.5  
80 10.3 9.1 13.7





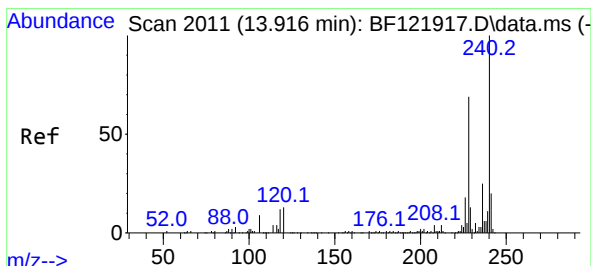
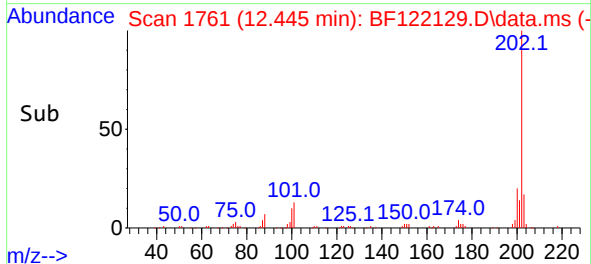
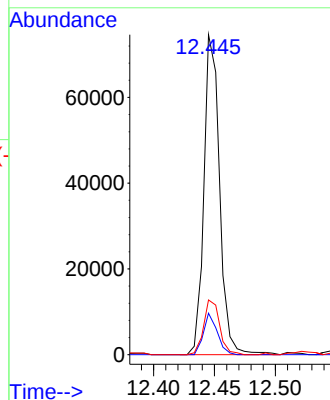
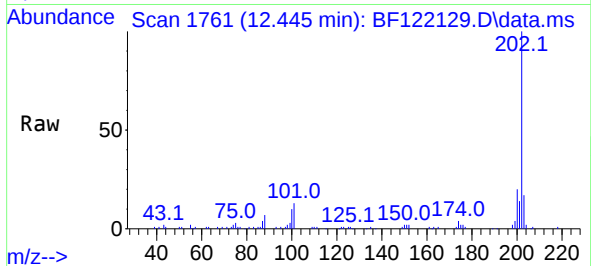
#75  
Fluoranthene  
Concen: 3.92 ng  
RT: 12.445 min Scan# 1761  
Delta R.T. -0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

Instrument :  
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ClientSampled :  
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Tgt Ion:202 Resp: 67039  
Ion Ratio Lower Upper  
202 100  
101 12.9 0.0 33.4  
203 17.1 0.0 37.9

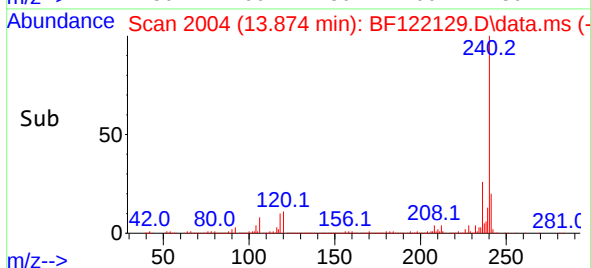
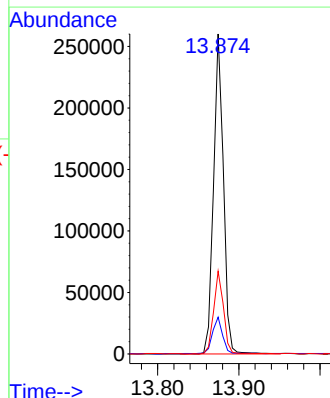
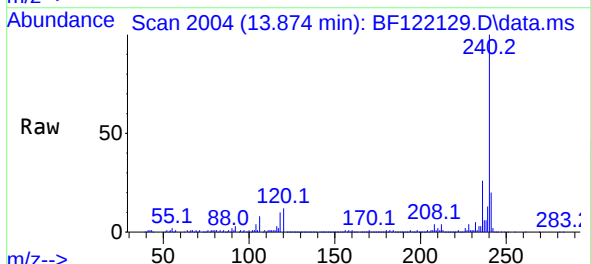
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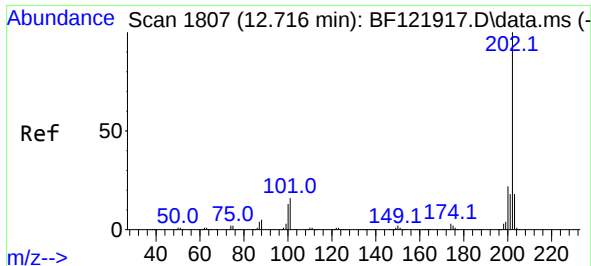
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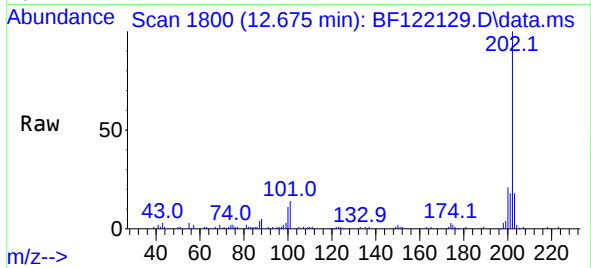
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.874 min Scan# 2004  
Delta R.T. -0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

Tgt Ion:240 Resp: 219051  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.2 13.8  
236 25.8 20.9 31.3

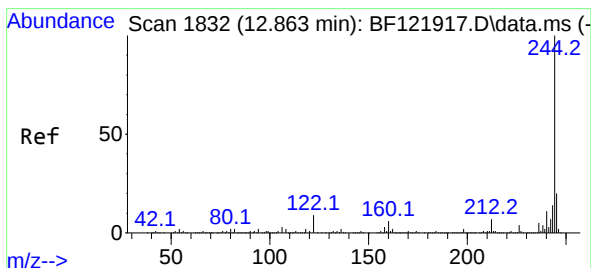
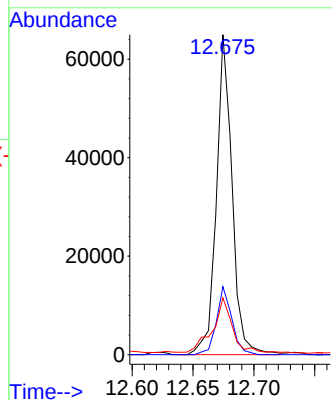
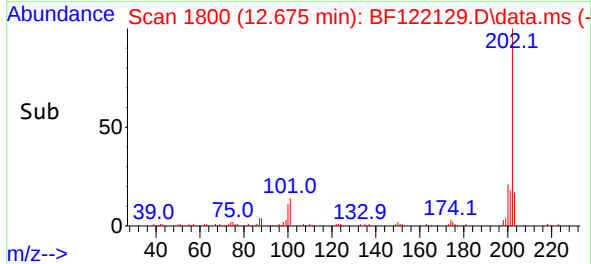




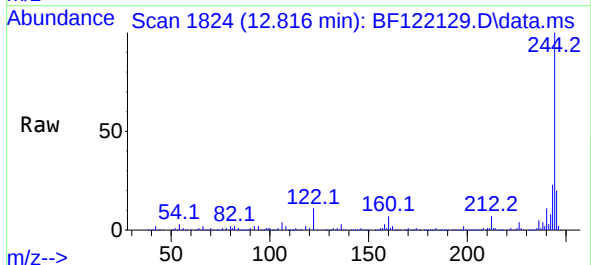
#78  
Pyrene  
Concen: 3.50 ng  
RT: 12.675 min Scan# 1800  
Delta R.T. -0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15



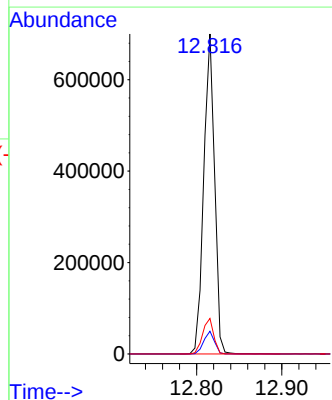
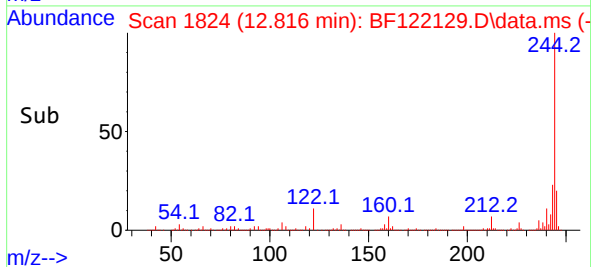
Tgt Ion: 202 Resp: 58453  
Ion Ratio Lower Upper  
202 100  
200 21.2 17.4 26.2  
203 17.8 14.6 21.8



#79  
Terphenyl-d14  
Concen: 53.60 ng  
RT: 12.816 min Scan# 1824  
Delta R.T. 0.000 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15



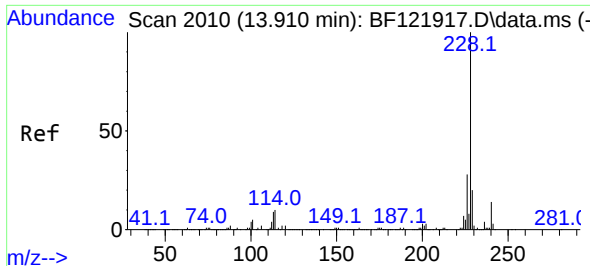
Tgt Ion: 244 Resp: 616082  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.4 8.2  
122 11.1 8.1 12.1



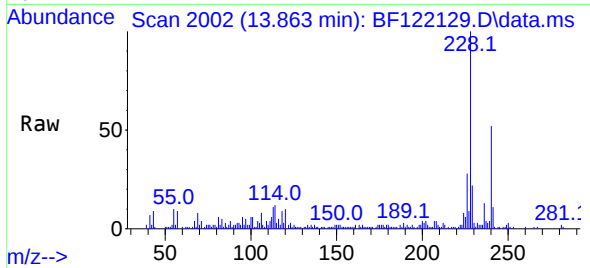
Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3

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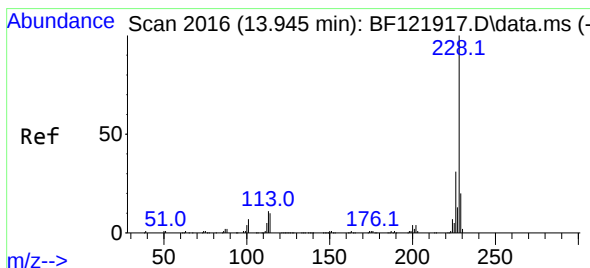
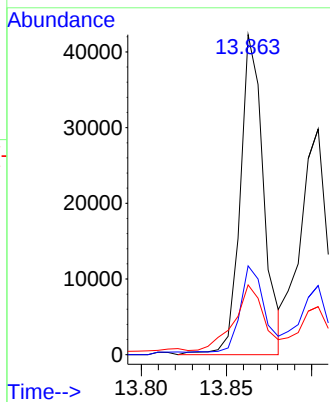
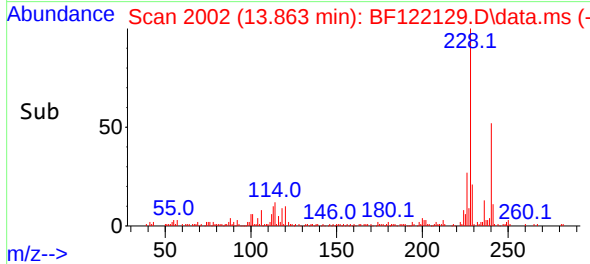
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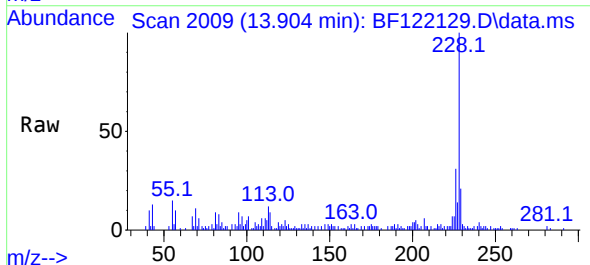
#81  
Benzo(a)anthracene  
Concen: 2.82 ng  
RT: 13.863 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15



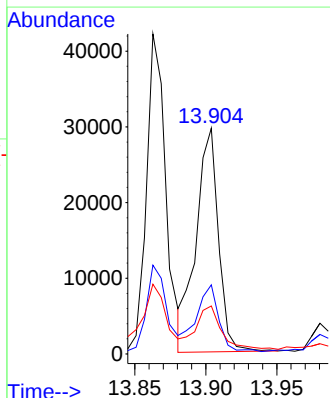
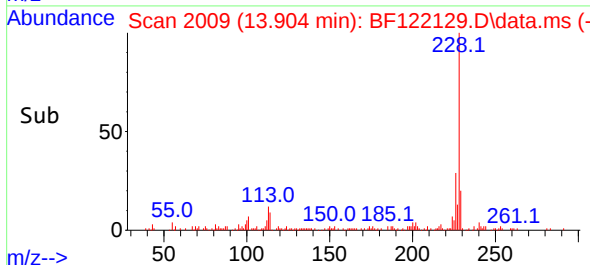
Tgt Ion:228 Resp: 40472  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.3 33.5  
229 21.8 16.2 24.4



#83  
Chrysene  
Concen: 2.31 ng  
RT: 13.904 min Scan# 2009  
Delta R.T. 0.000 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15



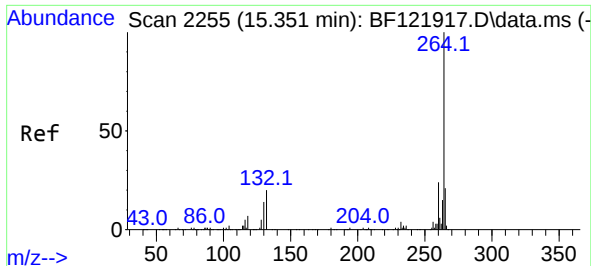
Tgt Ion:228 Resp: 32569  
Ion Ratio Lower Upper  
228 100  
226 30.6 24.6 37.0  
229 21.2 15.9 23.9



Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3

Manual Integrations  
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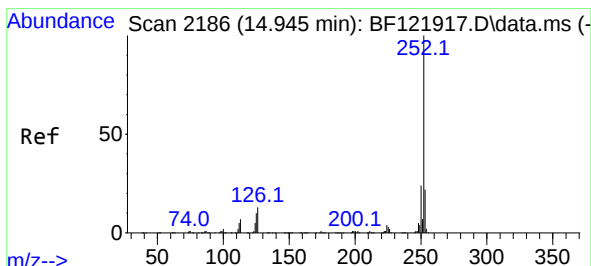
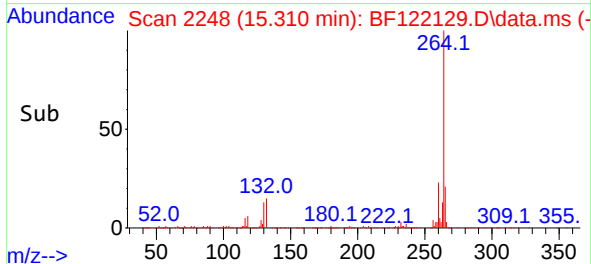
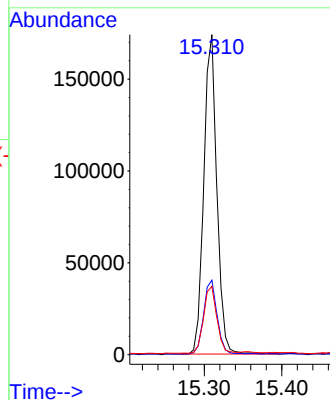
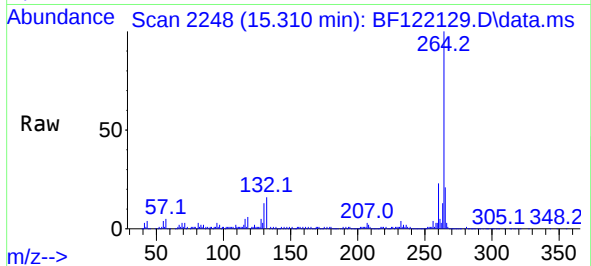
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.310 min Scan# 2248  
Delta R.T. 0.006 min  
Lab File: BF122129.D  
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Tgt Ion:264 Resp: 203134  
Ion Ratio Lower Upper  
264 100  
260 23.3 18.7 28.1  
265 21.4 17.3 25.9

Instrument :  
BNA\_F  
ClientSampled :  
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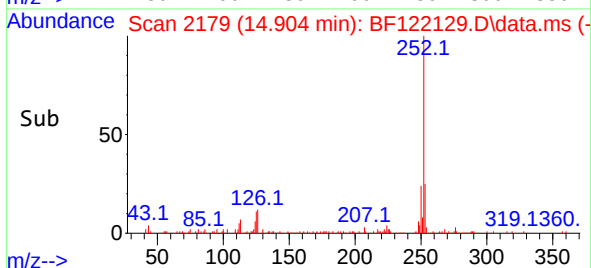
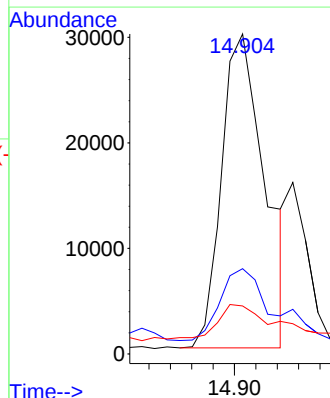
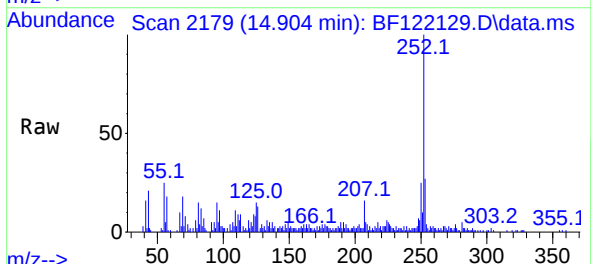
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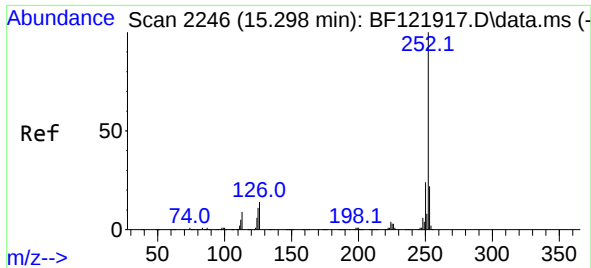
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#88  
Benzo(b)fluoranthene  
Concen: 3.06 ng m  
RT: 14.904 min Scan# 2179  
Delta R.T. 0.006 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

Tgt Ion:252 Resp: 42013  
Ion Ratio Lower Upper  
252 100  
253 26.7 18.2 27.2  
125 15.0 8.0 12.0#





#90  
Benzo(a)pyrene  
Concen: 2.30 ng  
RT: 15.251 min Scan# 2238  
Delta R.T. 0.000 min  
Lab File: BF122129.D  
Acq: 26 Oct 2020 22:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 27252 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 24.8  | 17.3  | 25.9  |
| 125       | 18.4  | 8.6   | 13.0# |

Instrument :  
BNA\_F  
ClientSampleId :  
COMP-3

Manual Integrations  
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