

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032921\  
 Data File : BF123512.D  
 Acq On : 30 Mar 2021 00:03  
 Operator : JU/CG  
 Sample : M1809-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1-3-DRUM

Manual Integrations  
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Quant Time: Mar 30 03:21:31 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 26 12:51:59 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.898  | 152  | 256844   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.180  | 136  | 922553   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.939  | 164  | 492979   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.427 | 188  | 827050   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.074 | 240  | 513336   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.574 | 264  | 545363   | 20.00  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 1617315  | 103.01 | ng    | 0.01     |
| 7) Phenol-d6                | 6.528  | 99   | 2062679  | 98.69  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.463  | 82   | 1385719  | 81.07  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.733 | 330  | 605958   | 109.95 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.263  | 172  | 2300097  | 66.66  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.021 | 244  | 1976868  | 65.27  | ng    | 0.00     |
|                             |        |      |          |        |       |          |
| Target Compounds            |        |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.539  | 94   | 50834    | 2.37   | ng    | 90       |
| 71) Phenanthrene            | 11.451 | 178  | 313734   | 6.86   | ng    | 99       |
| 75) Fluoranthene            | 12.645 | 202  | 309030   | 6.24   | ng    | 96       |
| 78) Pyrene                  | 12.874 | 202  | 264459   | 5.97   | ng    | 98       |
| 81) Benzo(a)anthracene      | 14.068 | 228  | 104432   | 3.11   | ng    | 96       |
| 83) Chrysene                | 14.098 | 228  | 94844m   | 2.73   | ng    |          |
| 88) Benzo(b)fluoranthene    | 15.127 | 252  | 107632m  | 2.86   | ng    |          |
| 90) Benzo(a)pyrene          | 15.503 | 252  | 84434    | 2.60   | ng    | # 97     |
| -----                       |        |      |          |        |       |          |

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

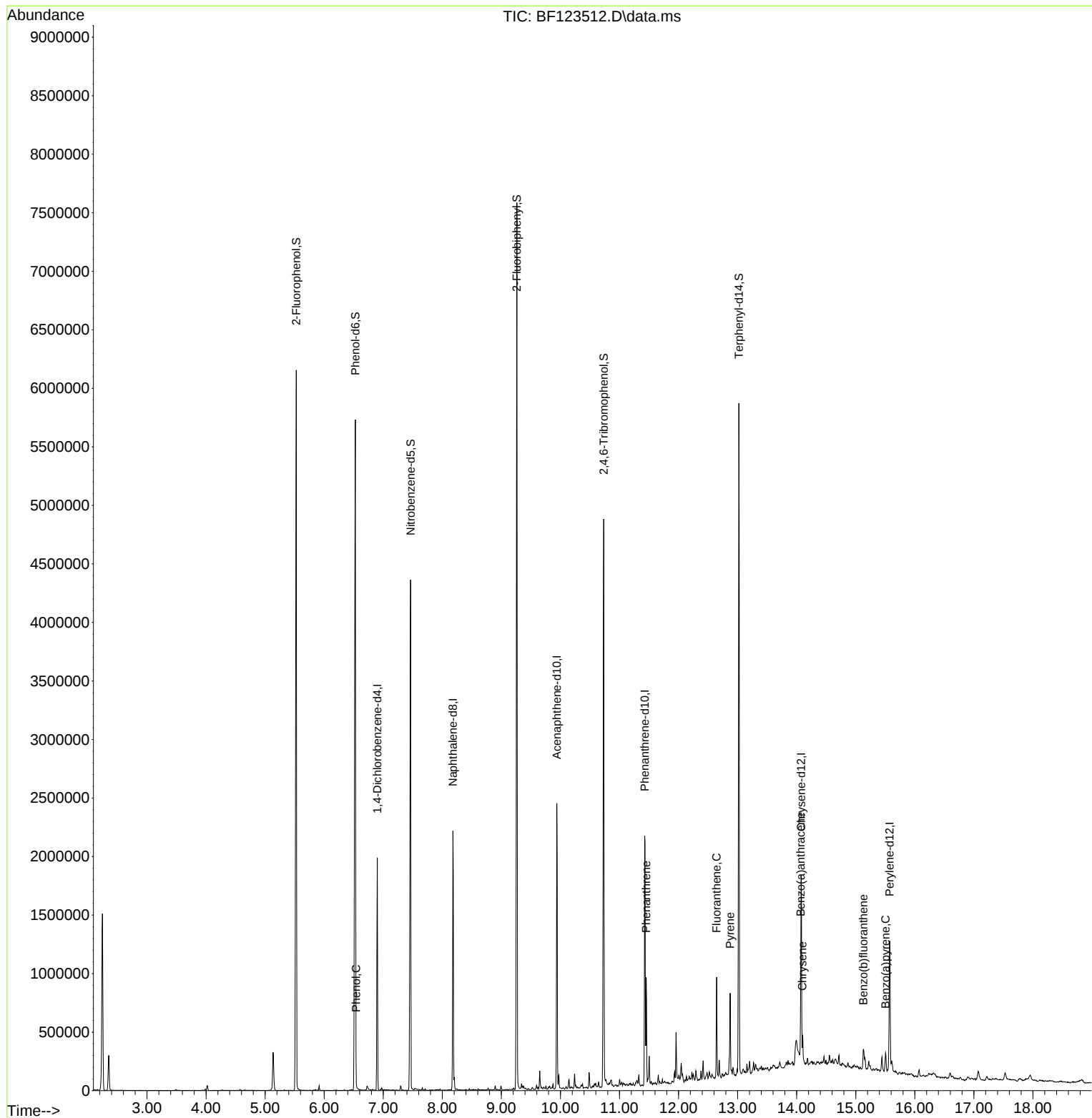
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032921\  
Data File : BF123512.D  
Acq On : 30 Mar 2021 00:03  
Operator : JU/CG  
Sample : M1809-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Mar 30 03:21:31 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 26 12:51:59 2021  
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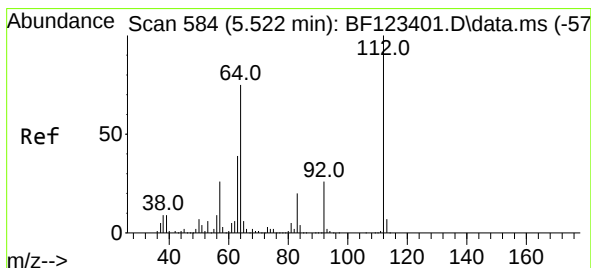
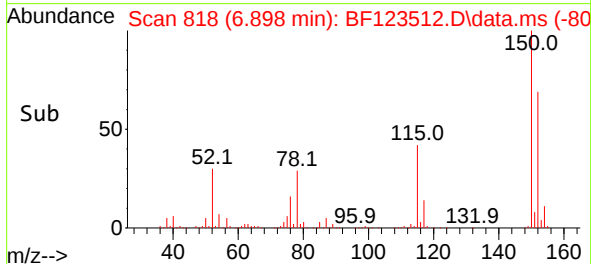
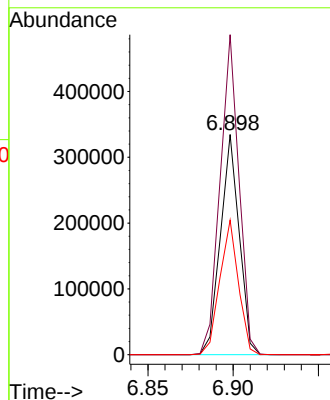
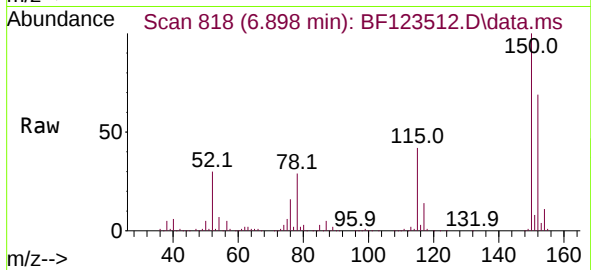
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.898 min Scan# 818  
Delta R.T. 0.000 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion:152 Resp: 256844  
Ion Ratio Lower Upper  
152 100  
150 145.3 125.8 188.6  
115 61.1 49.3 73.9

Instrument :  
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ClientSampleId :  
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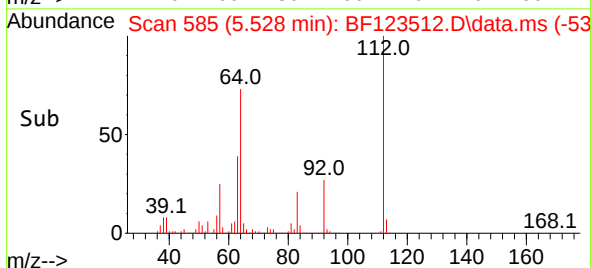
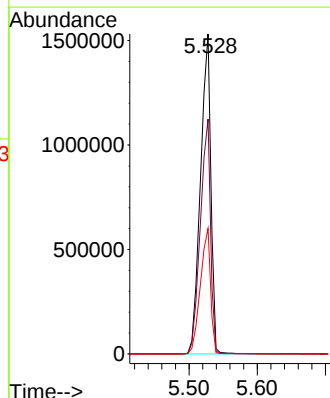
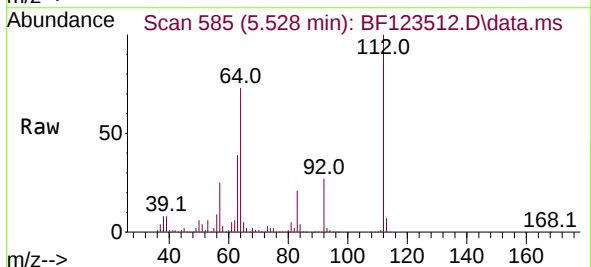
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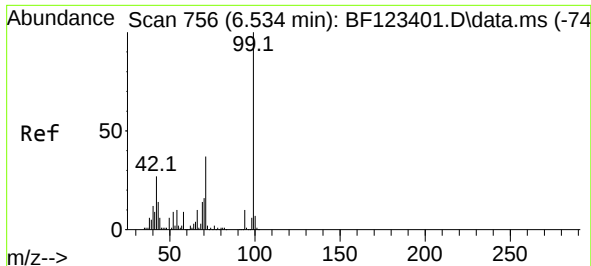
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#5  
2-Fluorophenol  
Concen: 103.01 ng  
RT: 5.528 min Scan# 585  
Delta R.T. 0.012 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion:112 Resp: 1617315  
Ion Ratio Lower Upper  
112 100  
64 73.4 46.9 70.3#  
63 39.2 24.5 36.7#





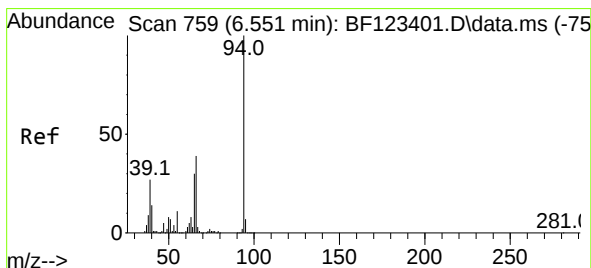
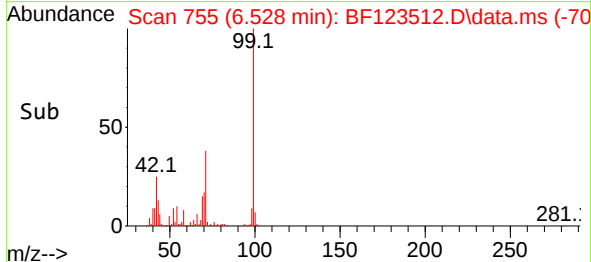
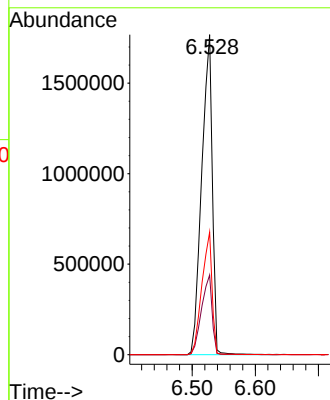
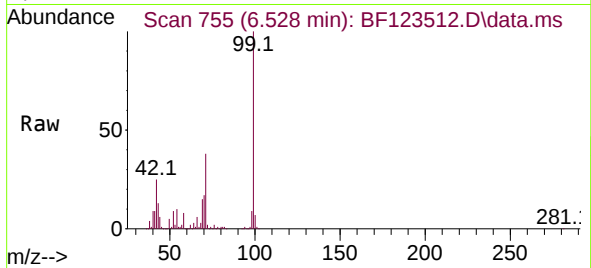
#7  
Phenol-d6  
Concen: 98.69 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion: 99 Resp: 2062679  
Ion Ratio Lower Upper  
99 100  
42 24.9 13.8 20.6#  
71 38.3 26.9 40.3

Instrument :  
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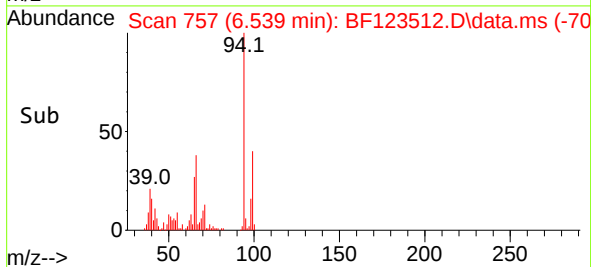
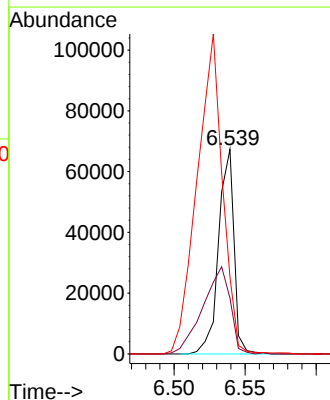
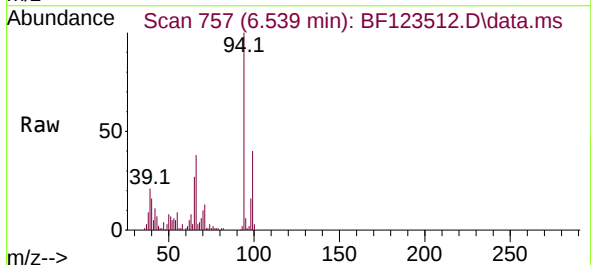
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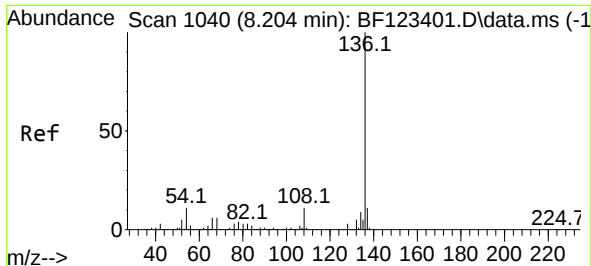
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#10  
Phenol  
Concen: 2.37 ng  
RT: 6.539 min Scan# 757  
Delta R.T. -0.000 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

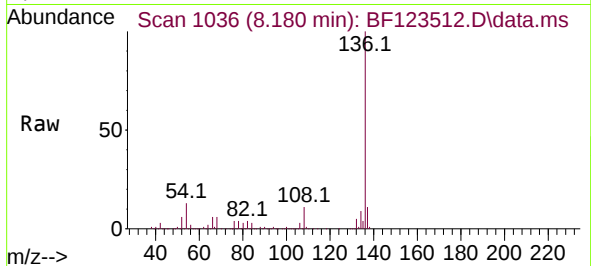
Tgt Ion: 94 Resp: 50834  
Ion Ratio Lower Upper  
94 100  
65 27.3 11.2 51.2  
66 37.6 25.8 65.8





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.180 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

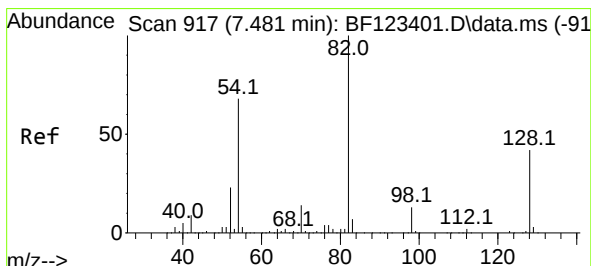
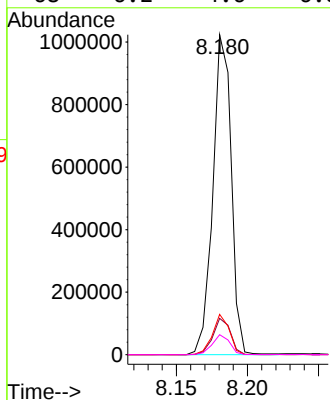
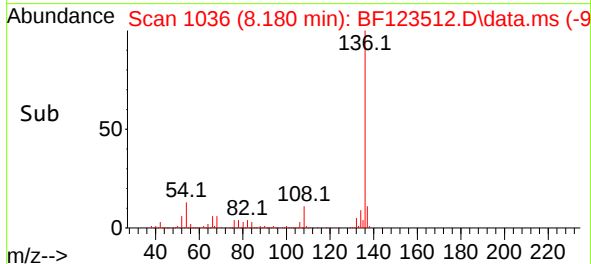
Instrument :  
BNA\_F  
ClientSampled :  
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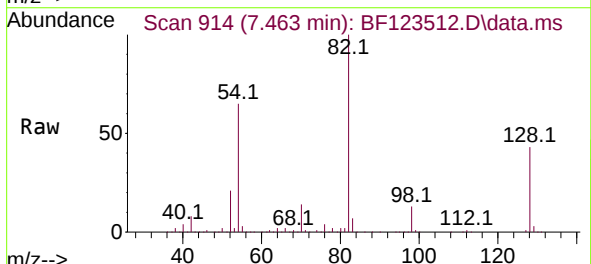
Tgt Ion:136 Resp: 922553  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 12.6 5.5 8.3#  
68 6.2 4.6 6.8

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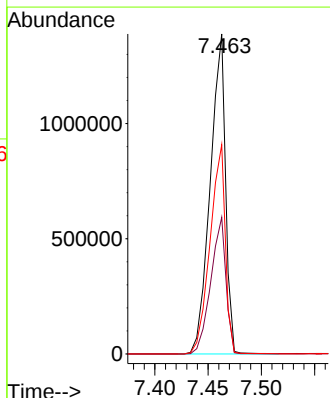
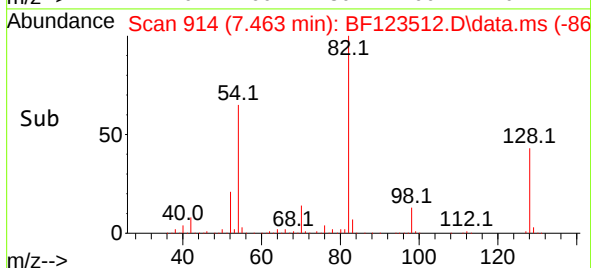
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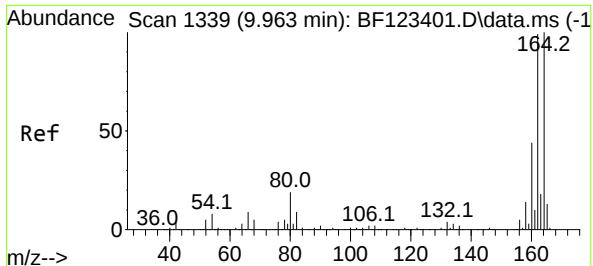


#23  
Nitrobenzene-d5  
Concen: 81.07 ng  
RT: 7.463 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03



Tgt Ion: 82 Resp: 1385719  
Ion Ratio Lower Upper  
82 100  
128 42.7 37.0 55.4  
54 65.4 38.4 57.6#





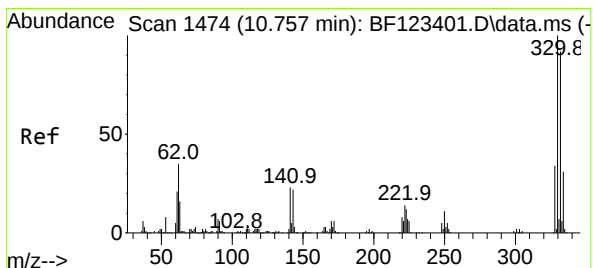
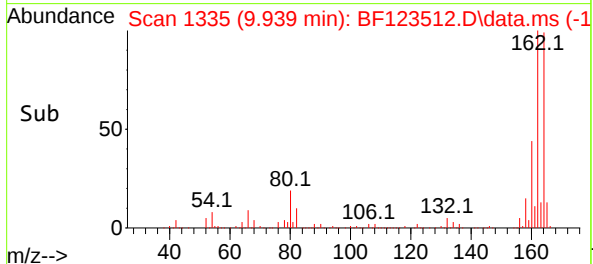
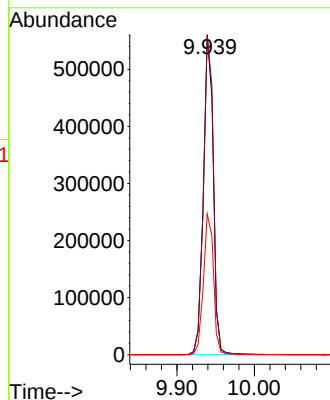
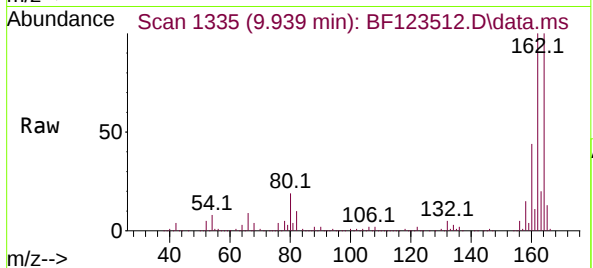
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.939 min Scan# 1335  
Delta R.T. -0.006 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion:164 Resp: 492979  
Ion Ratio Lower Upper  
164 100  
162 100.5 80.8 121.2  
160 44.1 35.4 53.0

Instrument :  
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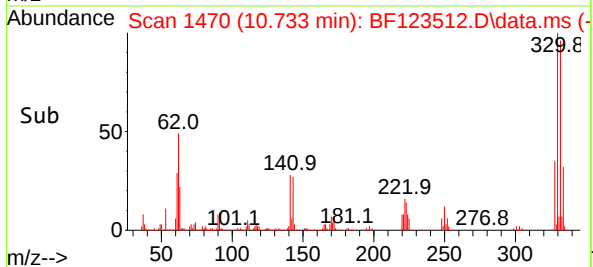
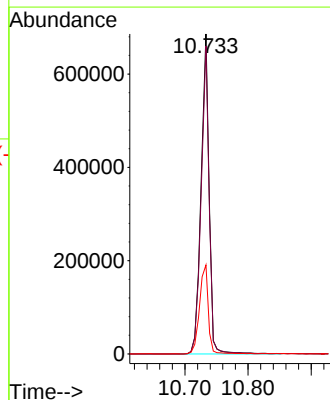
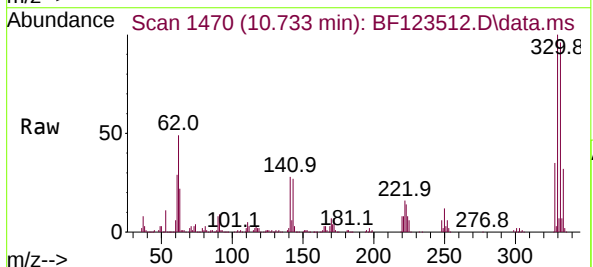
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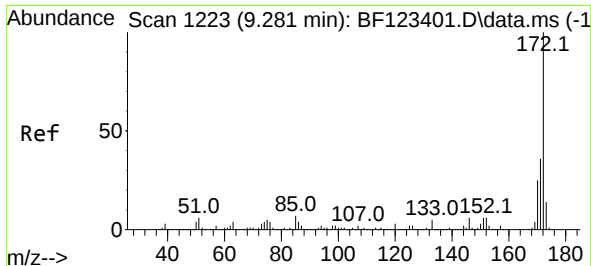
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#42  
2,4,6-Tribromophenol  
Concen: 109.95 ng  
RT: 10.733 min Scan# 1470  
Delta R.T. -0.006 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion:330 Resp: 605958  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.5 116.3  
141 30.5 23.8 35.8





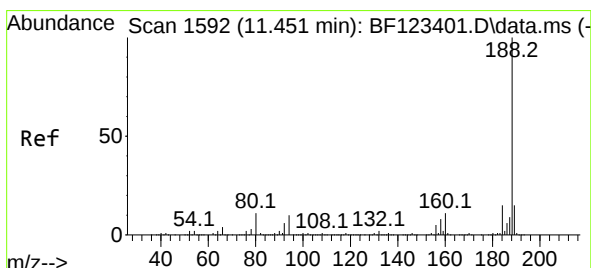
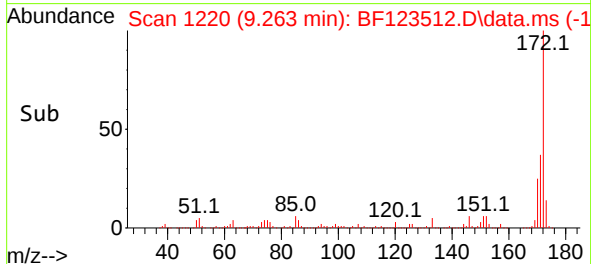
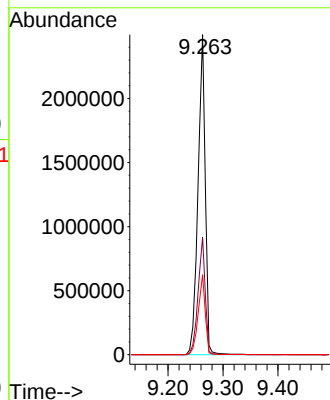
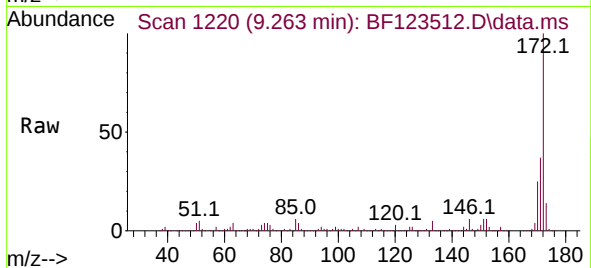
#45  
2-Fluorobiphenyl  
Concen: 66.66 ng  
RT: 9.263 min Scan# 1220  
Delta R.T. -0.000 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion:172 Resp: 2300097  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.6 44.4  
170 25.0 19.5 29.3

Instrument :  
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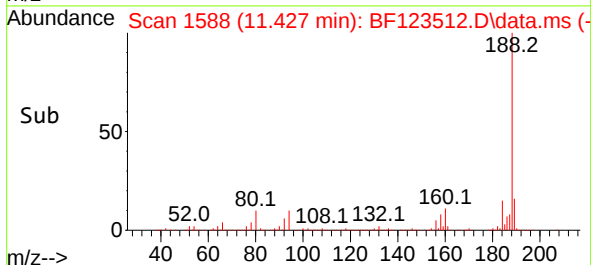
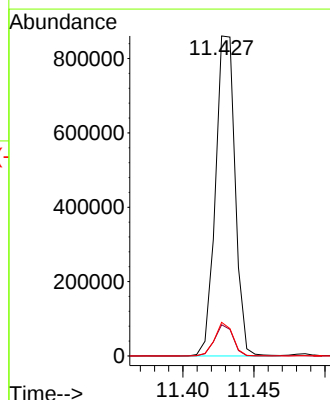
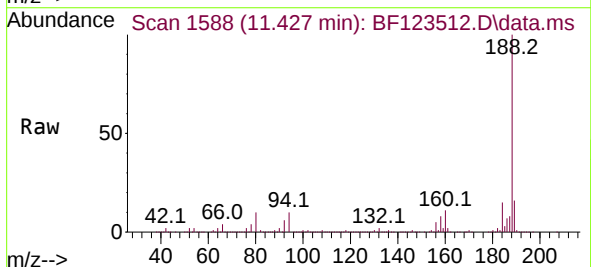
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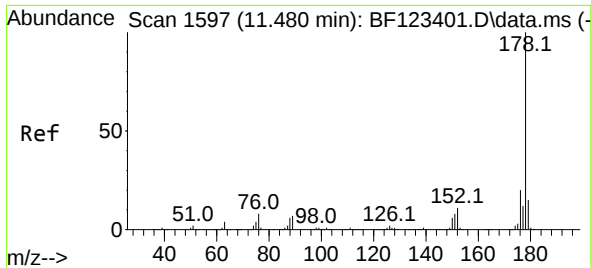
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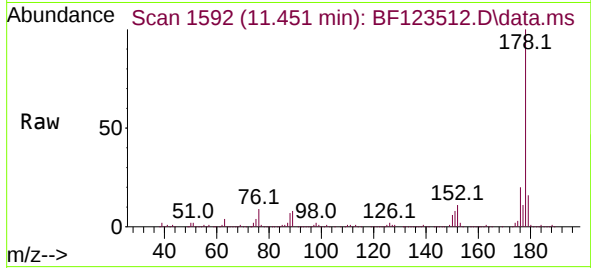
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Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. -0.006 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion:188 Resp: 827050  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.2  
80 10.5 8.2 12.4

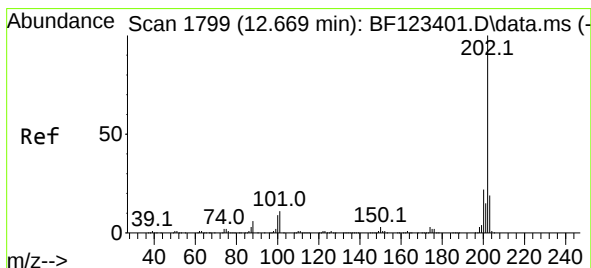
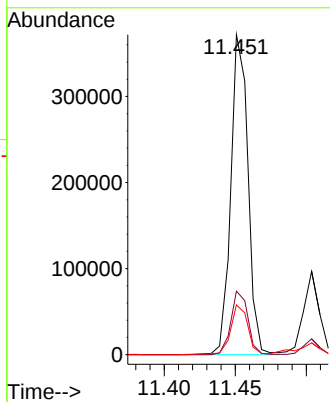
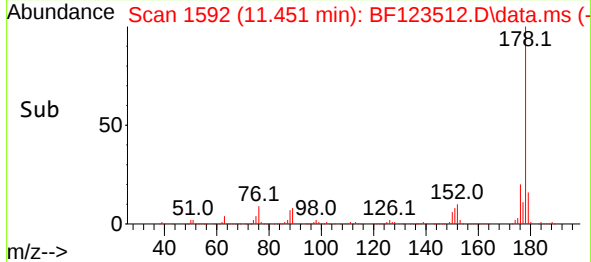




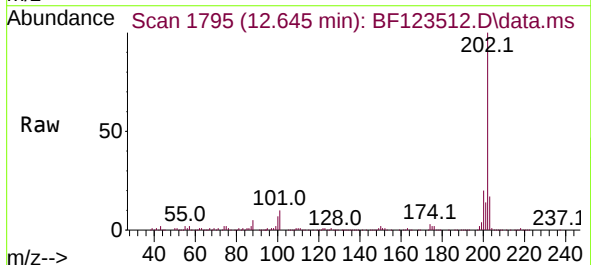
#71  
Phenanthrene  
Concen: 6.86 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. -0.012 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03



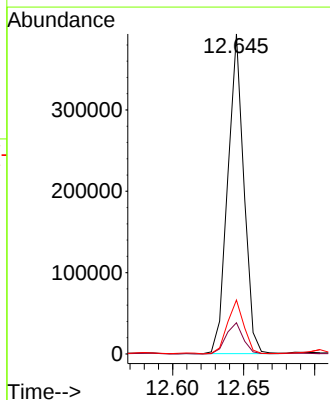
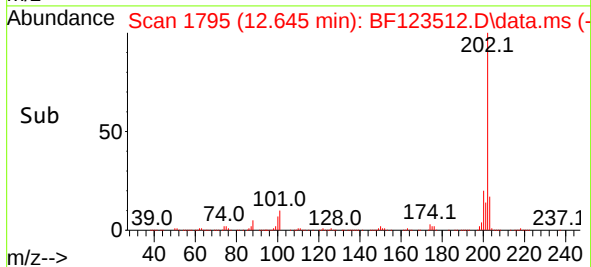
Tgt Ion:178 Resp: 313734  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.2 24.2  
179 15.6 12.7 19.1



#75  
Fluoranthene  
Concen: 6.24 ng  
RT: 12.645 min Scan# 1795  
Delta R.T. -0.006 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03



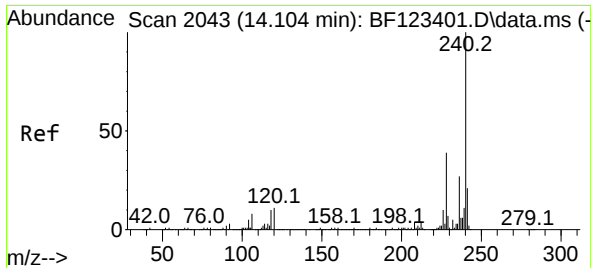
Tgt Ion:202 Resp: 309030  
Ion Ratio Lower Upper  
202 100  
101 9.8 0.0 32.2  
203 16.9 0.0 38.1



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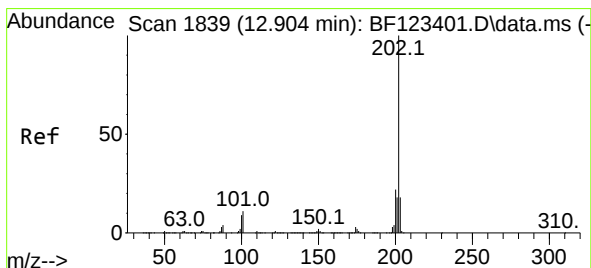
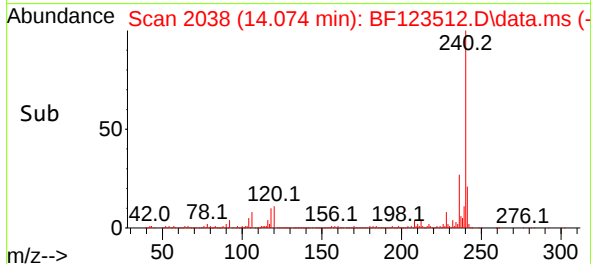
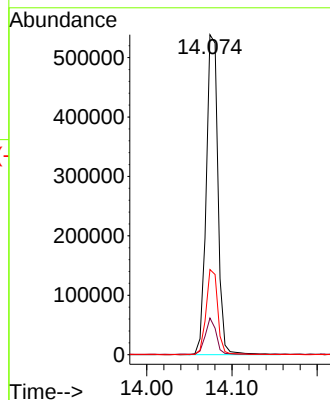
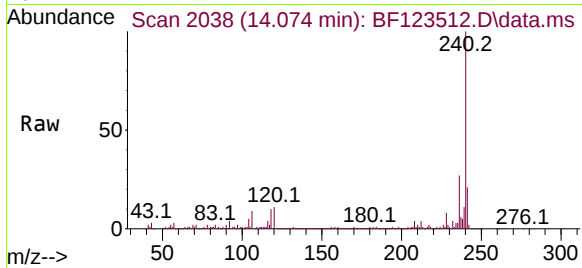
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. -0.012 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion:240 Resp: 513336  
Ion Ratio Lower Upper  
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120 11.4 8.6 12.8  
236 26.6 20.3 30.5

Instrument :  
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ClientSampleId :  
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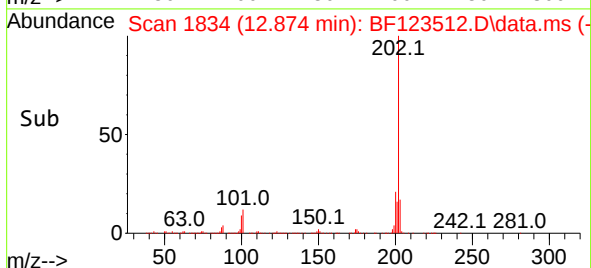
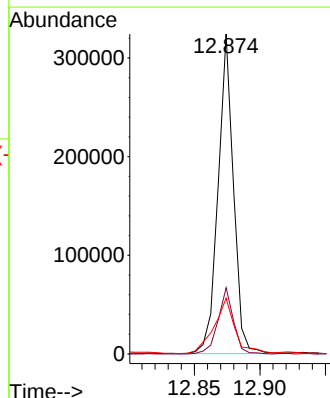
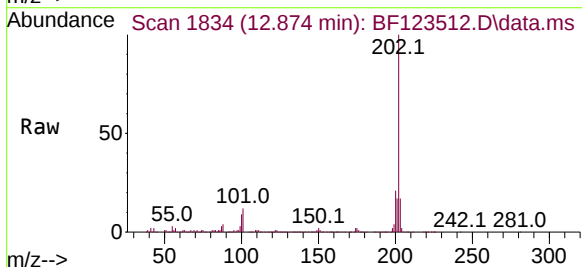
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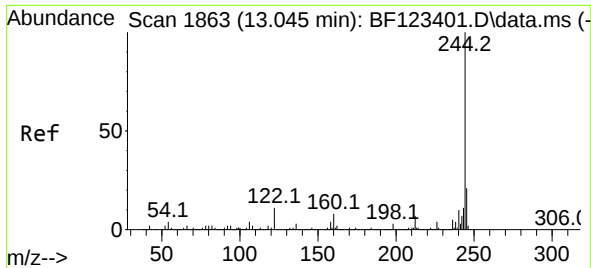
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#78  
Pyrene  
Concen: 5.97 ng  
RT: 12.874 min Scan# 1834  
Delta R.T. -0.012 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

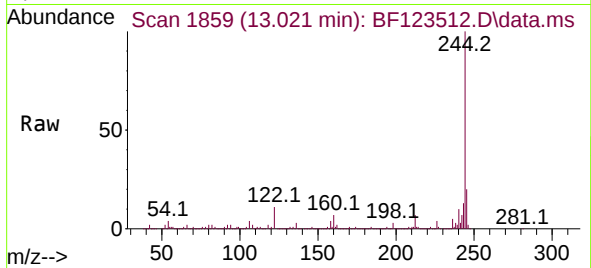
Tgt Ion:202 Resp: 264459  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.6 26.4  
203 17.4 14.6 21.8





#79  
Terphenyl-d14  
Concen: 65.27 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. -0.006 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

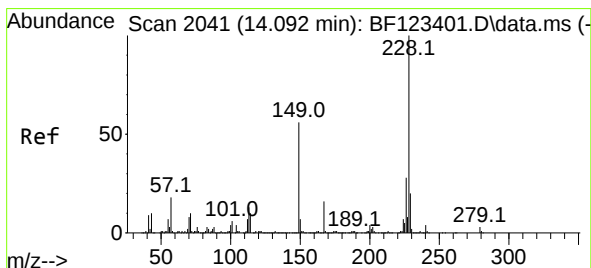
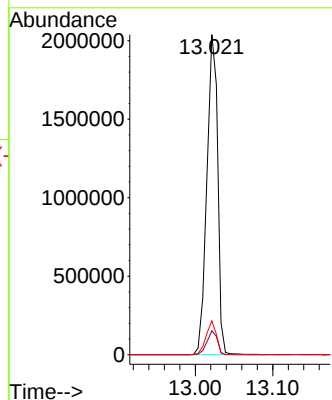
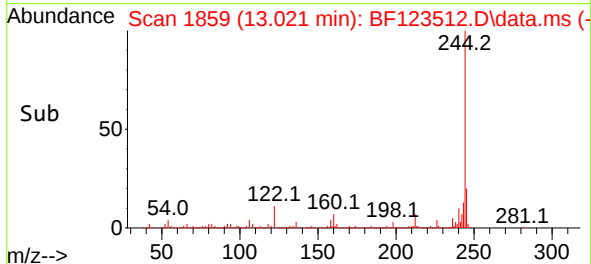
Instrument :  
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ClientSampleId :  
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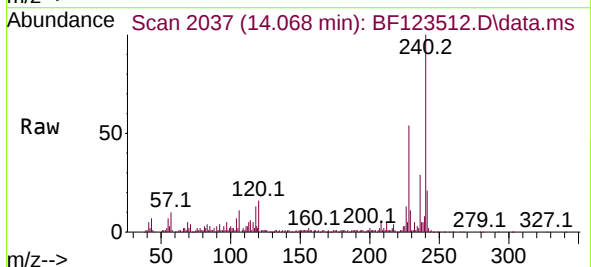
Tgt Ion:244 Resp: 1976868  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.7 8.5  
122 10.5 8.3 12.5

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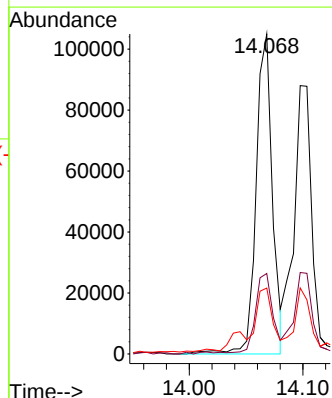
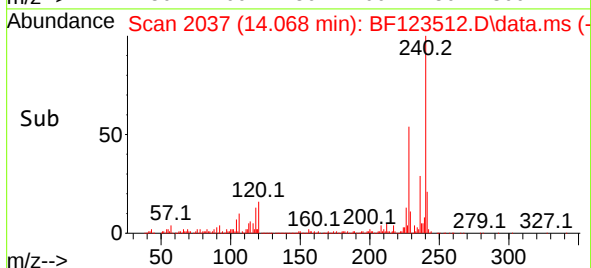
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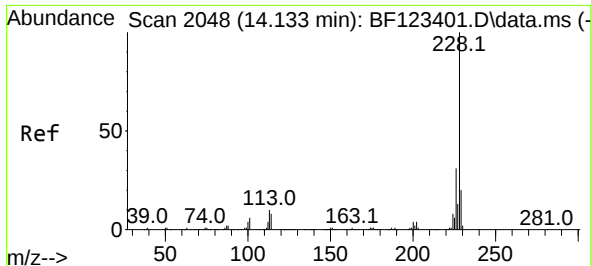


#81  
Benzo(a)anthracene  
Concen: 3.11 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. -0.006 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

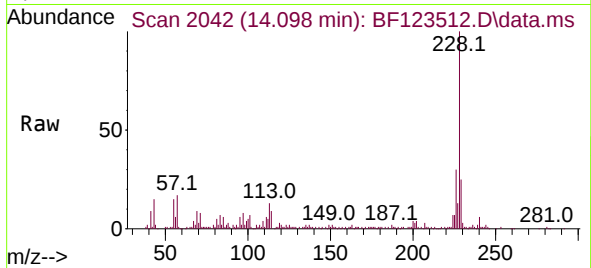


Tgt Ion:228 Resp: 104432  
Ion Ratio Lower Upper  
228 100  
226 25.2 23.0 34.4  
229 20.6 16.6 24.8

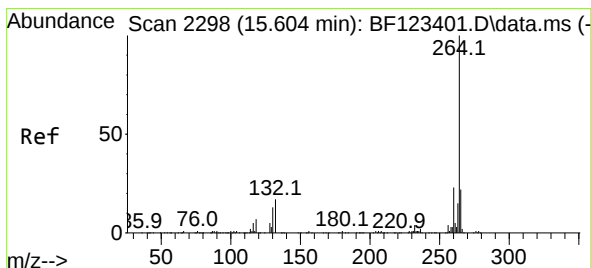
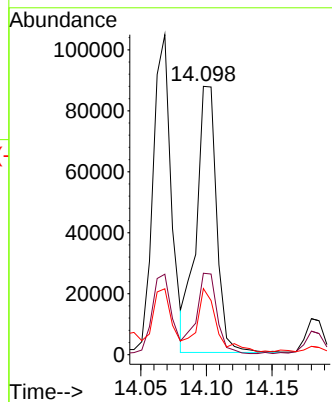
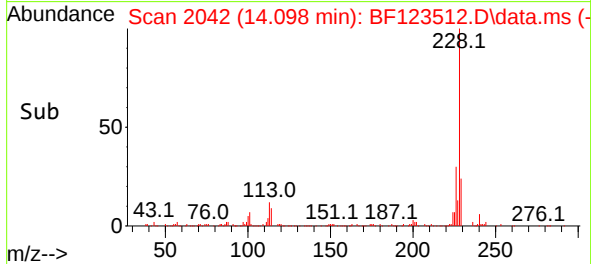




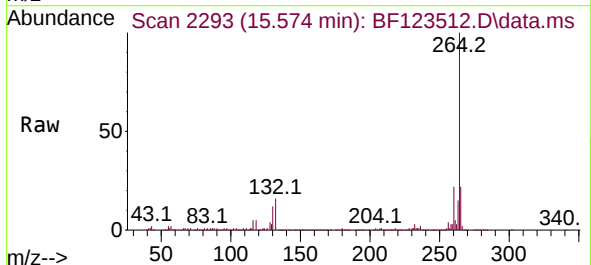
#83  
Chrysene  
Concen: 2.73 ng m  
RT: 14.098 min Scan# 2042  
Delta R.T. -0.018 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03



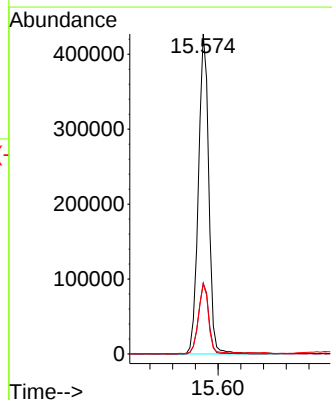
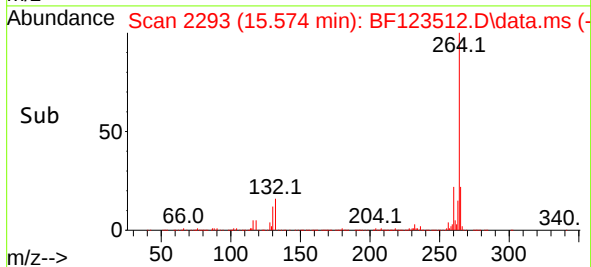
Tgt Ion:228 Resp: 94844  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.6 36.8  
229 24.7 15.8 23.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.574 min Scan# 2293  
Delta R.T. -0.006 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03



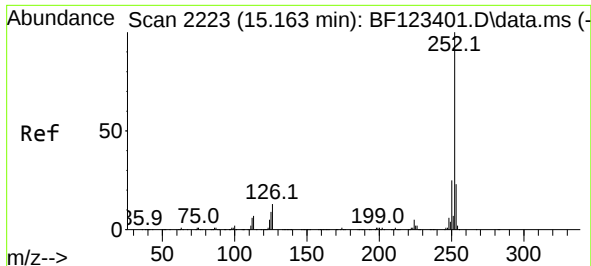
Tgt Ion:264 Resp: 545363  
Ion Ratio Lower Upper  
264 100  
260 22.2 18.6 28.0  
265 21.9 17.0 25.6



Instrument :  
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ClientSampleId :  
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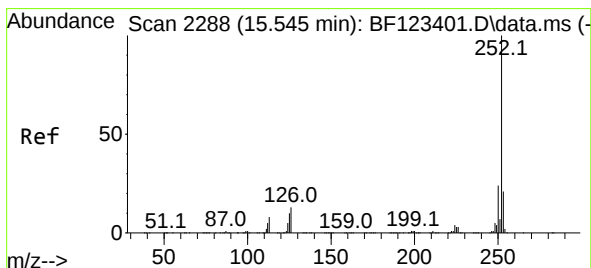
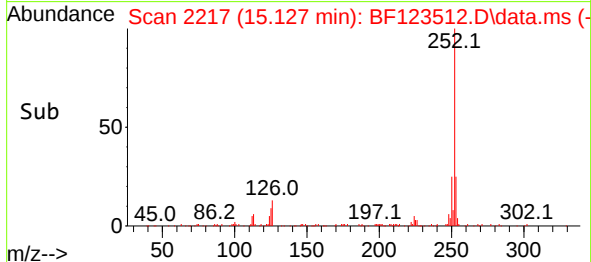
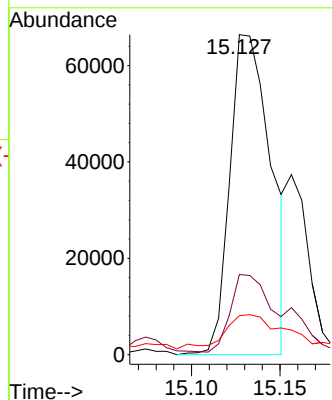
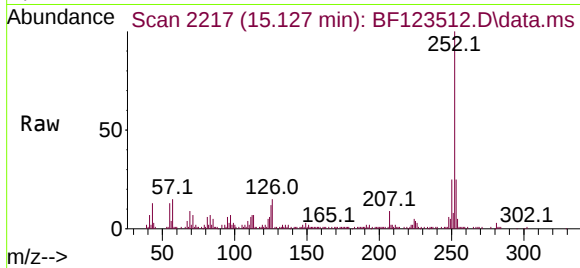
#88  
Benzo(b)fluoranthene  
Concen: 2.86 ng m  
RT: 15.127 min Scan# 2217  
Delta R.T. -0.018 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion:252 Resp: 107632  
Ion Ratio Lower Upper  
252 100  
253 25.0 18.3 27.5  
125 12.2 8.1 12.1#

Instrument :  
BNA\_F  
ClientSampleId :  
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#90  
Benzo(a)pyrene  
Concen: 2.60 ng  
RT: 15.503 min Scan# 2281  
Delta R.T. -0.018 min  
Lab File: BF123512.D  
Acq: 30 Mar 2021 00:03

Tgt Ion:252 Resp: 84434  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.5 26.3  
125 12.9 8.6 12.8#

