

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082521\  
 Data File : BF125209.D  
 Acq On : 25 Aug 2021 14:47  
 Operator : JU/CG  
 Sample : M3524-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-3

Manual Integrations  
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 8/26/2021 11:39:46 AM

Quant Time: Aug 25 15:58:41 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.916  | 152  | 144575   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.198  | 136  | 564669   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.951  | 164  | 296156   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.439 | 188  | 526286   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.080 | 240  | 332608   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.574 | 264  | 341106   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.534  | 112  | 797938   | 83.539  | ng    | 0.00     |
| 7) Phenol-d6                | 6.534  | 99   | 1001533  | 81.073  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.475  | 82   | 663414   | 59.148  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.739 | 330  | 313985   | 106.209 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.269  | 172  | 1220270  | 57.427  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.022 | 244  | 1262241  | 60.457  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene            | 11.463 | 178  | 174599   | 6.021   | ng    | 99       |
| 75) Fluoranthene            | 12.651 | 202  | 204734   | 7.115   | ng    | 96       |
| 78) Pyrene                  | 12.880 | 202  | 166750   | 5.844   | ng    | 97       |
| 81) Benzo(a)anthracene      | 14.069 | 228  | 76971    | 3.212   | ng    | 99       |
| 83) Chrysene                | 14.104 | 228  | 69017    | 2.912   | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 15.133 | 252  | 79986m   | 3.210   | ng    |          |
| 90) Benzo(a)pyrene          | 15.504 | 252  | 57931    | 2.632   | ng    | 95       |
| -----                       |        |      |          |         |       |          |

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

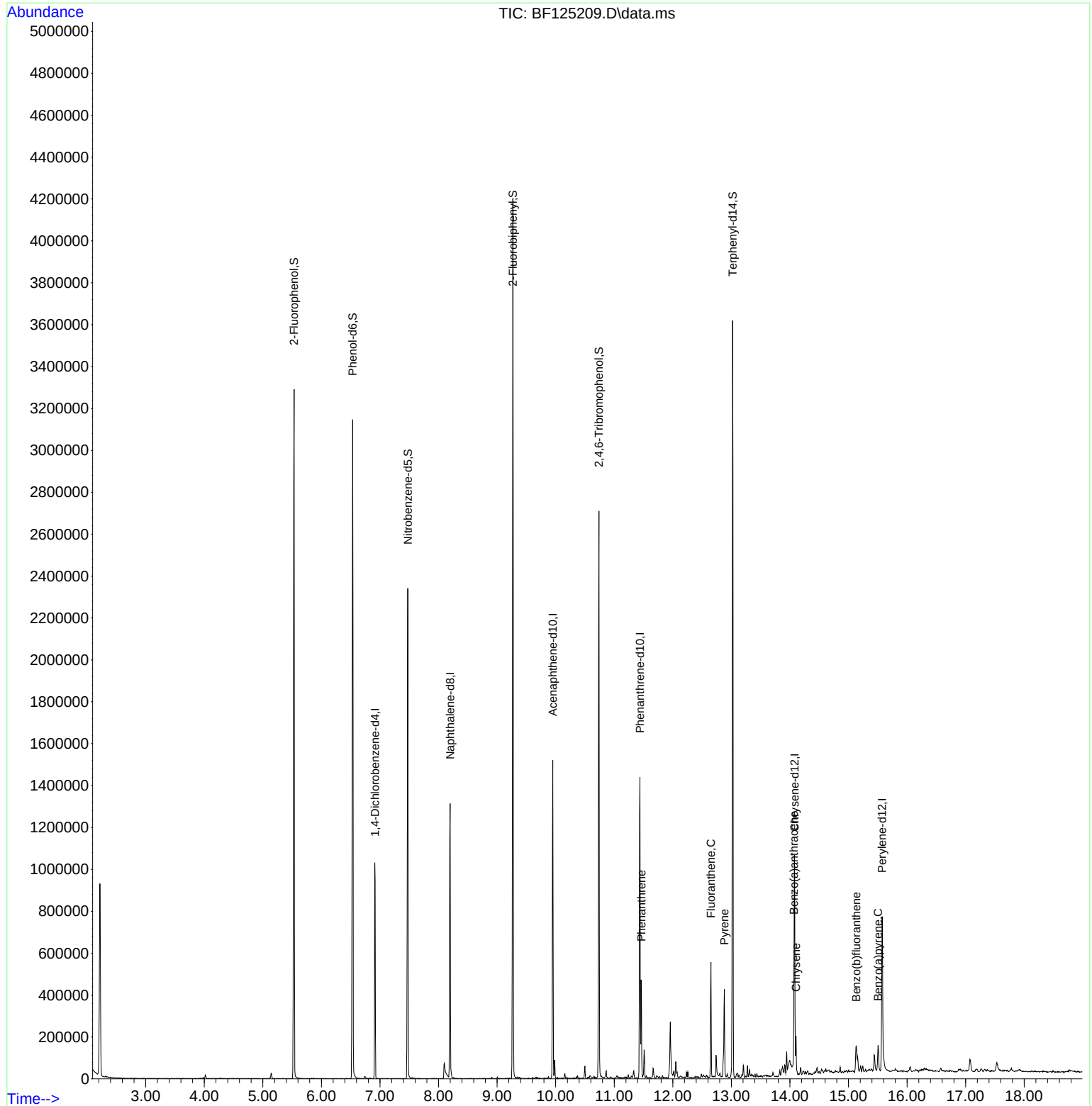
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082521\  
Data File : BF125209.D  
Acq On : 25 Aug 2021 14:47  
Operator : JU/CG  
Sample : M3524-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

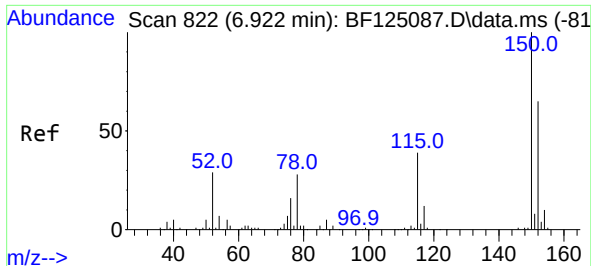
Instrument :  
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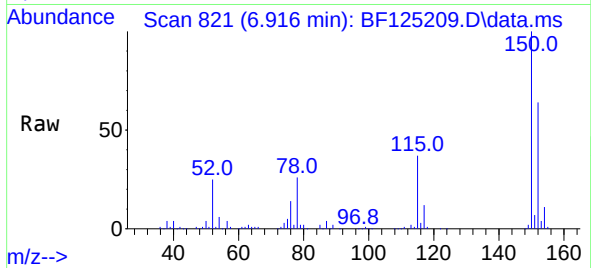
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Quant Time: Aug 25 15:58:41 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 24 12:39:21 2021  
Response via : Initial Calibration

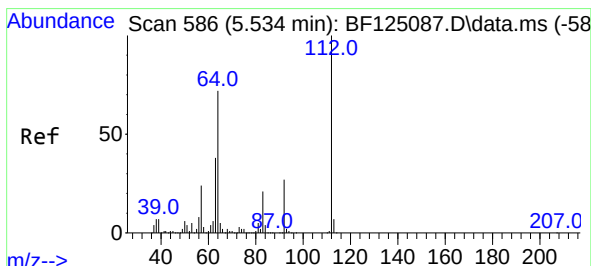
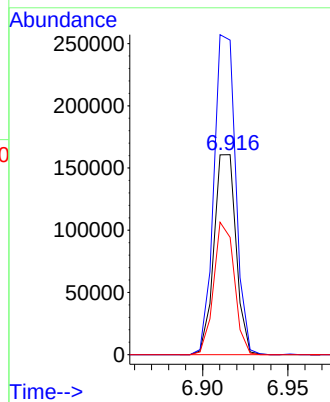
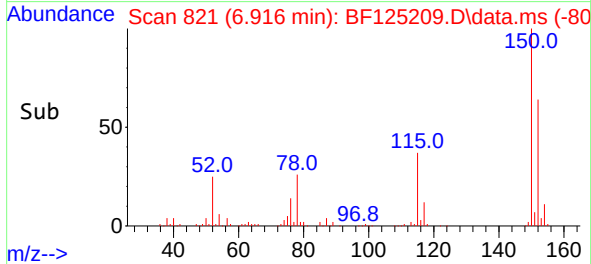




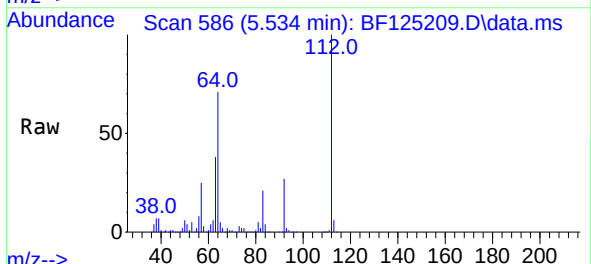
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
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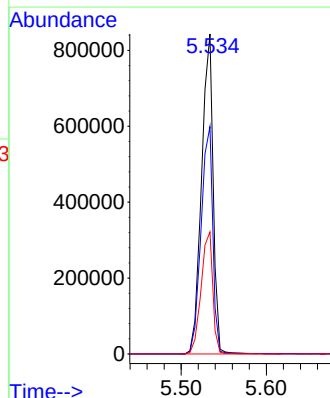
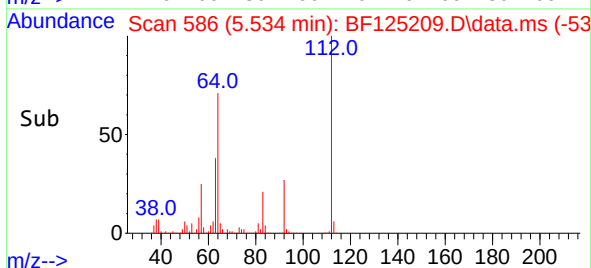
Tgt Ion:152 Resp: 144575  
Ion Ratio Lower Upper  
152 100  
150 157.2 117.6 176.4  
115 58.6 47.1 70.7



#5  
2-Fluorophenol  
Concen: 83.539 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.006 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47



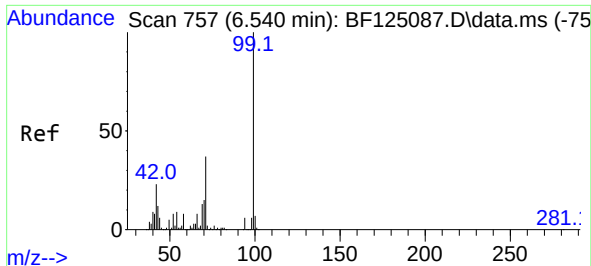
Tgt Ion:112 Resp: 797938  
Ion Ratio Lower Upper  
112 100  
64 71.1 44.2 66.2#  
63 38.2 26.2 39.2



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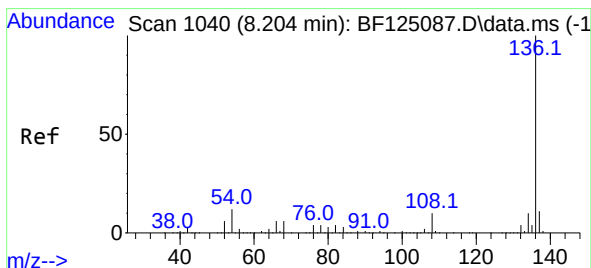
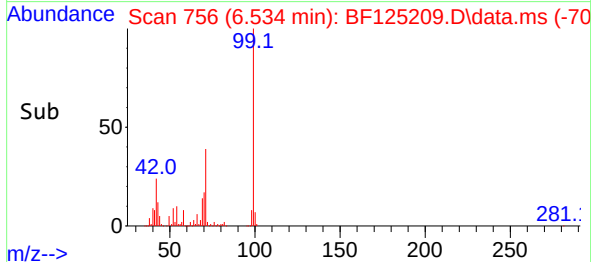
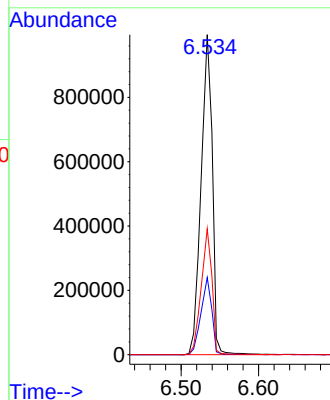
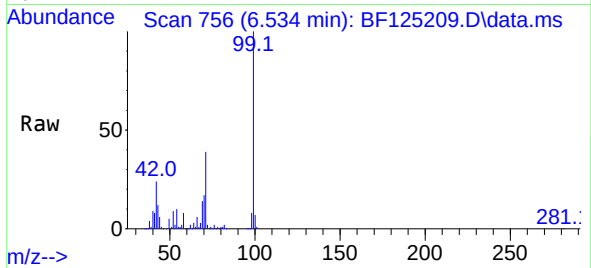
#7  
Phenol-d6  
Concen: 81.073 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF125209.D  
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Tgt Ion: 99 Resp: 1001533  
Ion Ratio Lower Upper  
99 100  
42 24.1 23.5 35.3  
71 39.4 25.6 38.4#

Instrument :  
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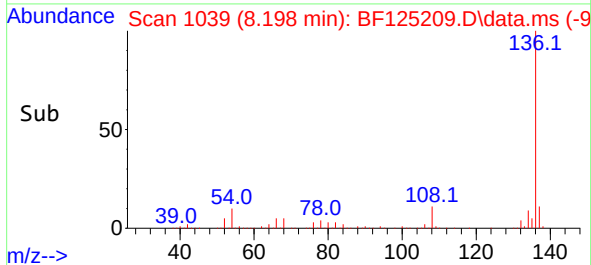
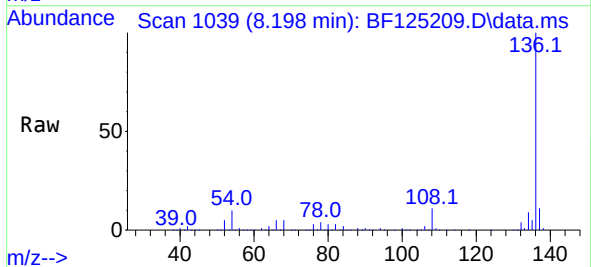
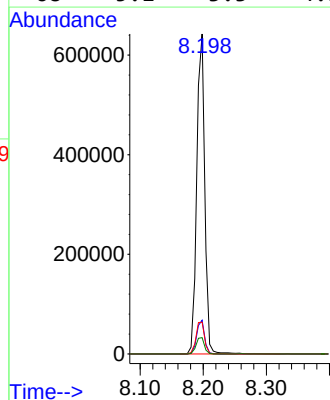
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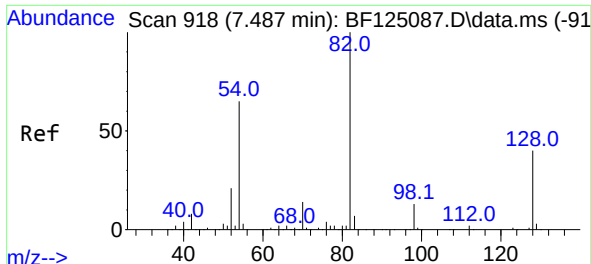
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#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
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Tgt Ion: 136 Resp: 564669  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.8 14.6  
54 9.9 6.4 9.6#  
68 5.1 3.3 4.9#





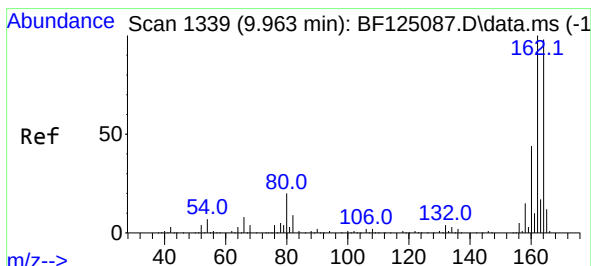
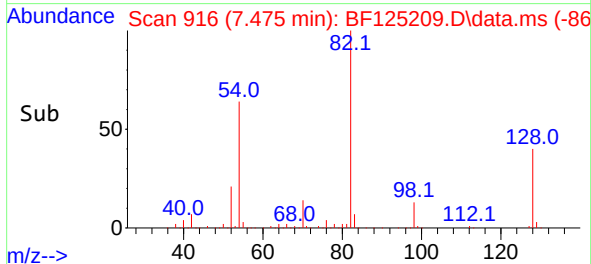
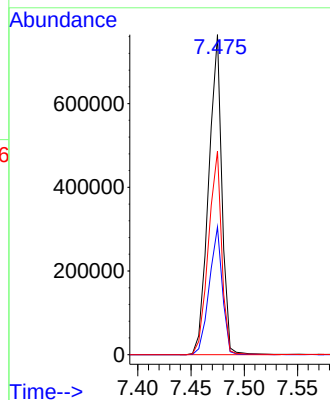
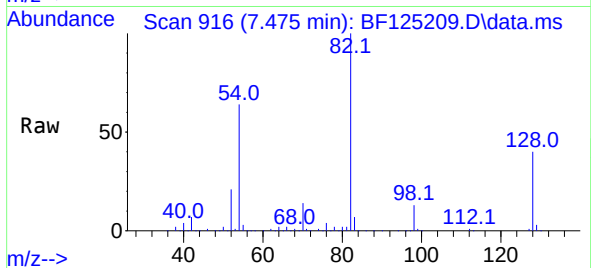
#23  
Nitrobenzene-d5  
Concen: 59.148 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF125209.D  
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Tgt Ion: 82 Resp: 663414  
Ion Ratio Lower Upper  
82 100  
128 39.9 40.6 60.8#  
54 63.6 49.6 74.4

Instrument :  
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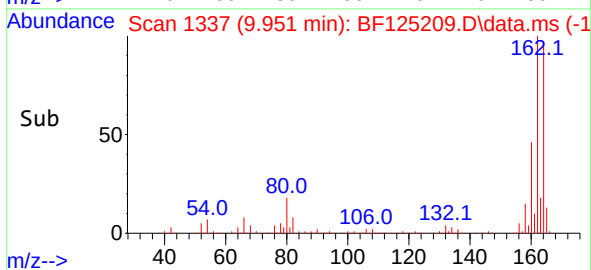
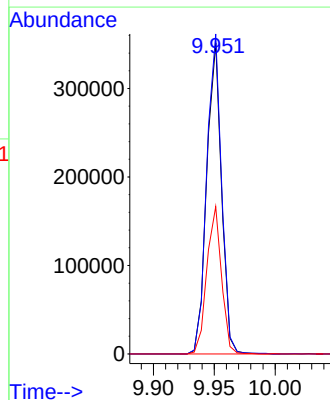
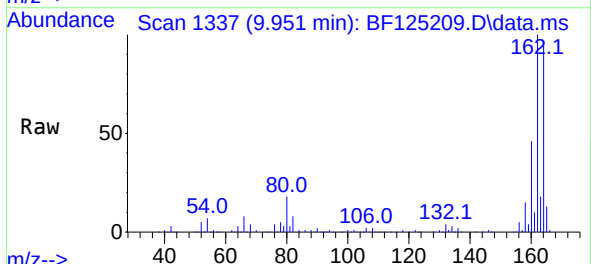
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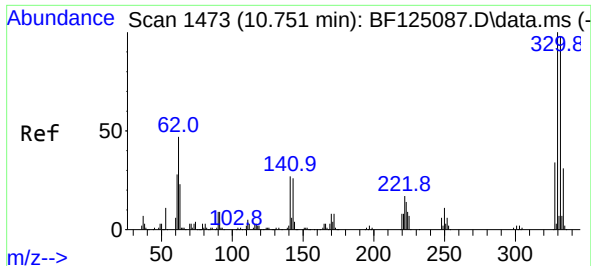
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#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47

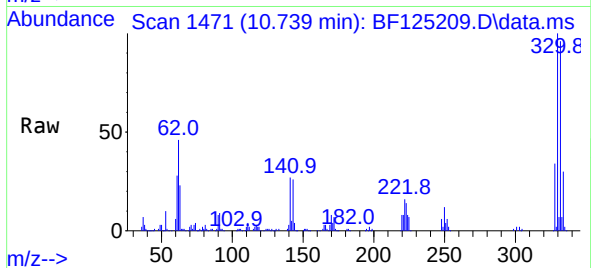
Tgt Ion:164 Resp: 296156  
Ion Ratio Lower Upper  
164 100  
162 102.9 81.3 121.9  
160 47.4 38.0 57.0





#42  
2,4,6-Tribromophenol  
Concen: 106.209 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47

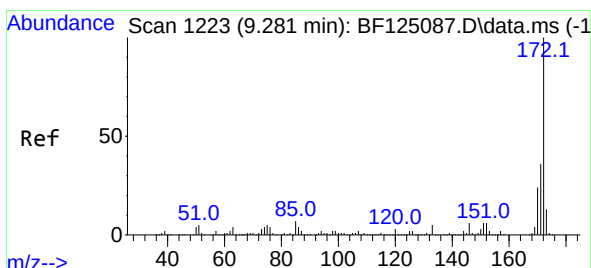
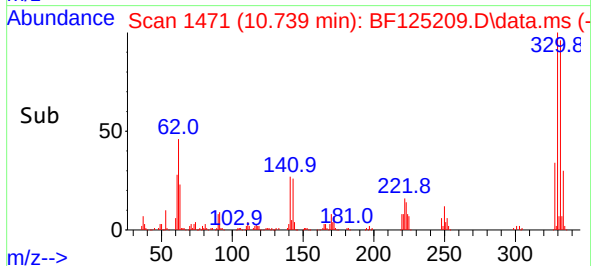
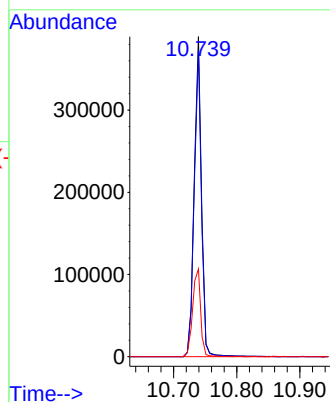
Instrument :  
BNA\_F  
ClientSampled :  
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Tgt Ion:330 Resp: 313985  
Ion Ratio Lower Upper  
330 100  
332 94.7 76.2 114.4  
141 30.3 44.6 66.8#

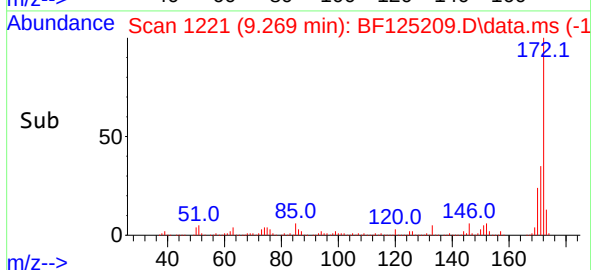
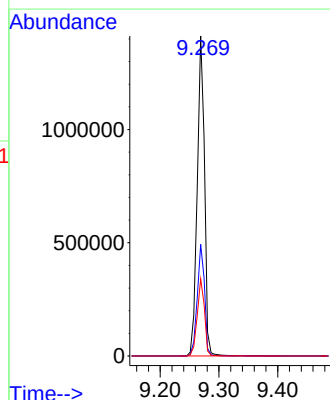
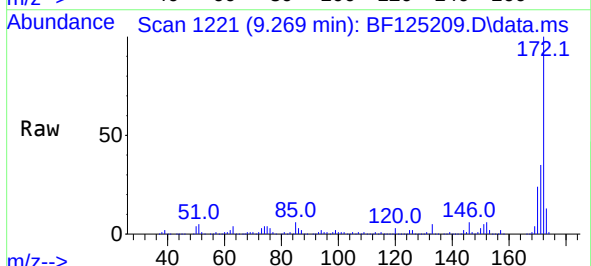
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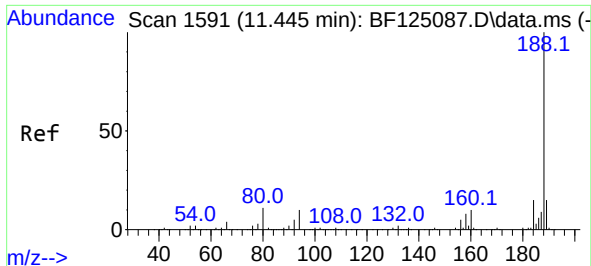
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#45  
2-Fluorobiphenyl  
Concen: 57.427 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47

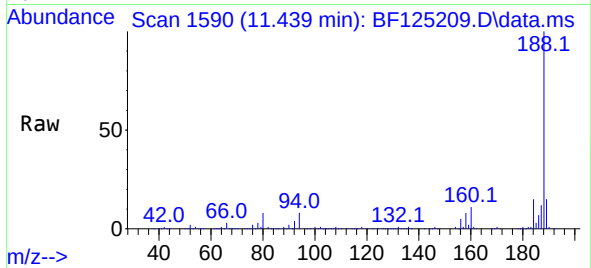
Tgt Ion:172 Resp: 1220270  
Ion Ratio Lower Upper  
172 100  
171 34.8 26.5 39.7  
170 24.1 18.8 28.2





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47

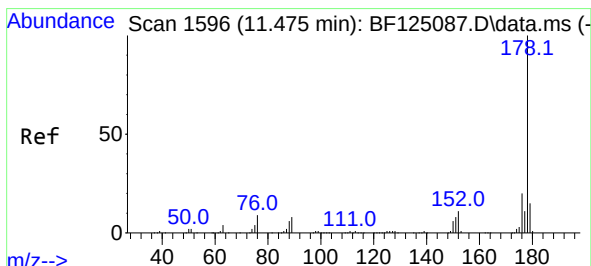
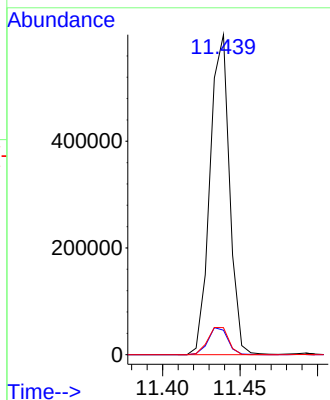
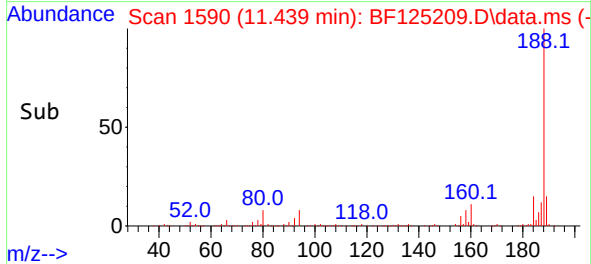
Instrument :  
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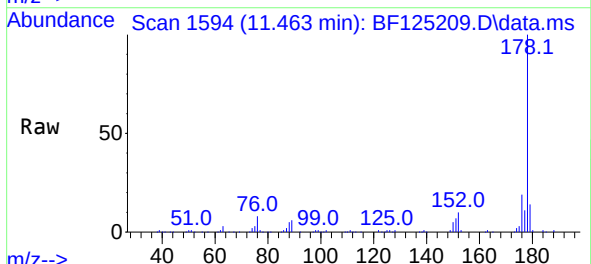
Tgt Ion:188 Resp: 526286  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.7 10.1  
80 8.5 7.5 11.3

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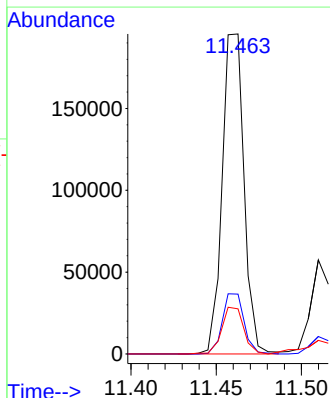
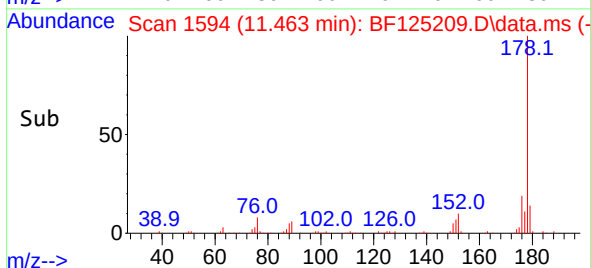
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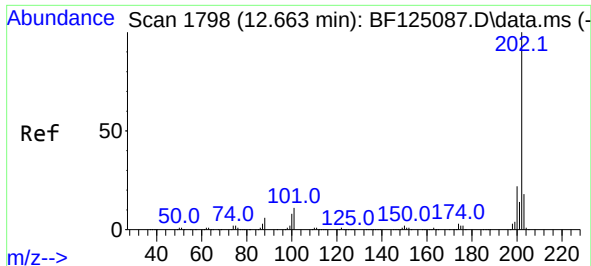


#71  
Phenanthrene  
Concen: 6.021 ng  
RT: 11.463 min Scan# 1594  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47



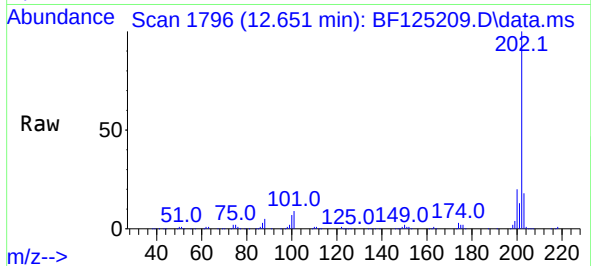
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Ion Ratio Lower Upper  
178 100  
176 18.7 14.7 22.1  
179 14.1 11.5 17.3





#75  
Fluoranthene  
Concen: 7.115 ng  
RT: 12.651 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47

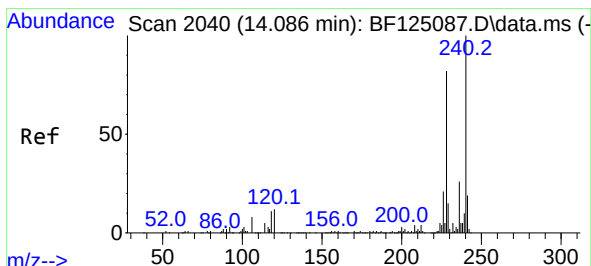
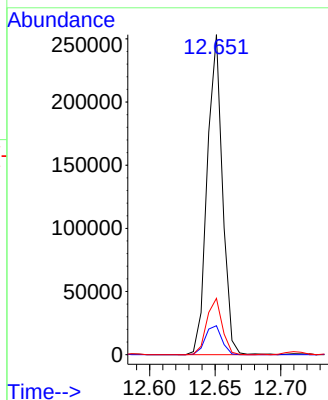
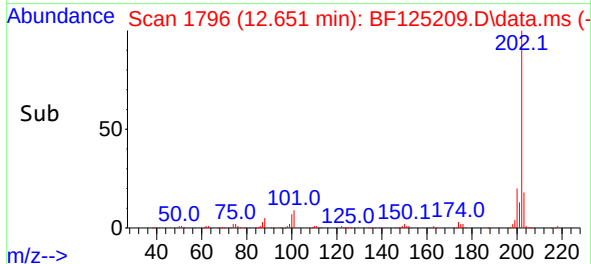
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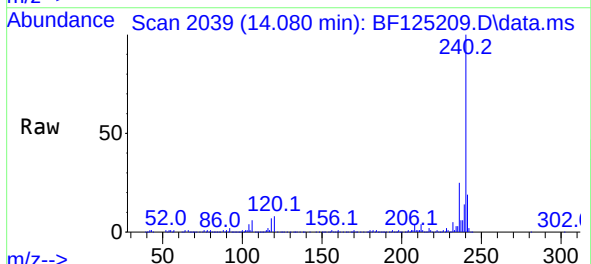
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Ion Ratio Lower Upper  
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101 9.0 0.0 30.7  
203 17.6 0.0 36.3

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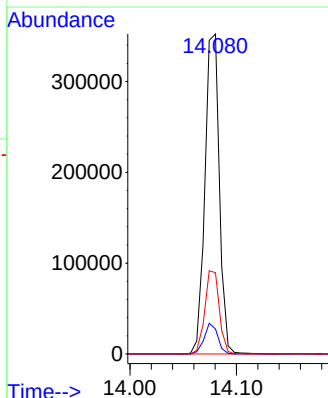
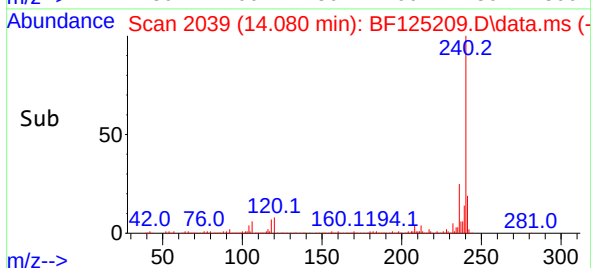
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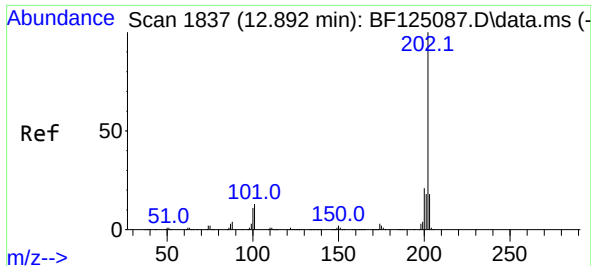
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
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Tgt Ion:240 Resp: 332608  
Ion Ratio Lower Upper  
240 100  
120 7.8 10.8 16.2#  
236 25.4 21.6 32.4







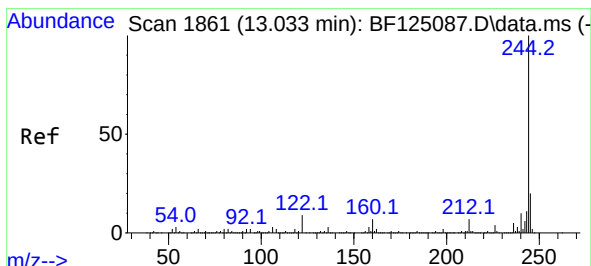
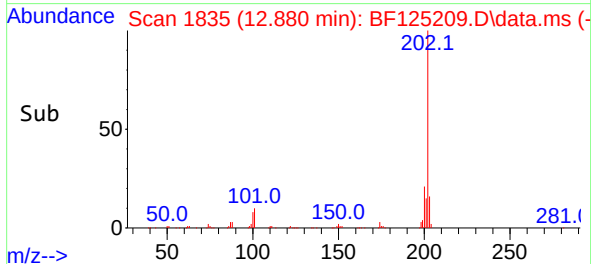
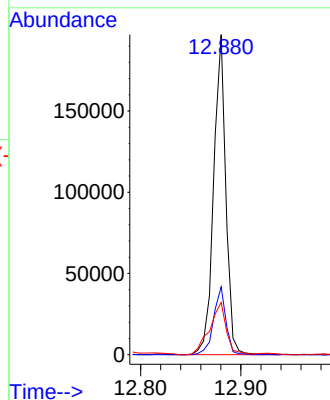
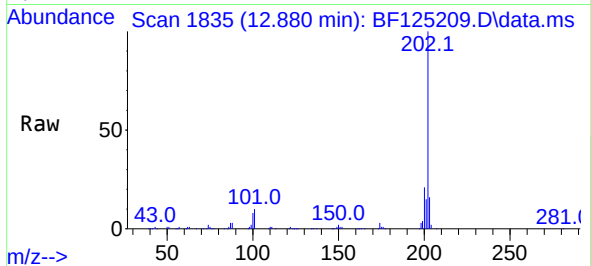
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Pyrene  
Concen: 5.844 ng  
RT: 12.880 min Scan# 1835  
Delta R.T. -0.006 min  
Lab File: BF125209.D  
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Tgt Ion:202 Resp: 166750  
Ion Ratio Lower Upper  
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203 16.3 13.4 20.0

Instrument :  
BNA\_F  
ClientSampled :  
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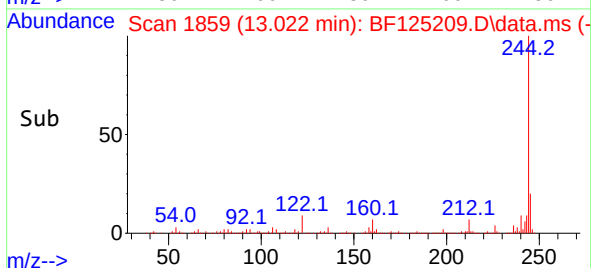
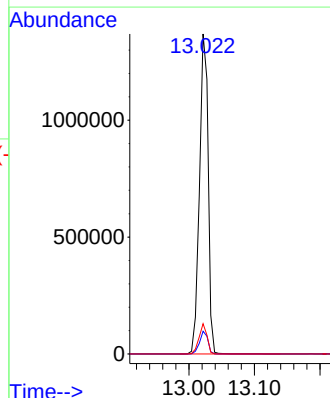
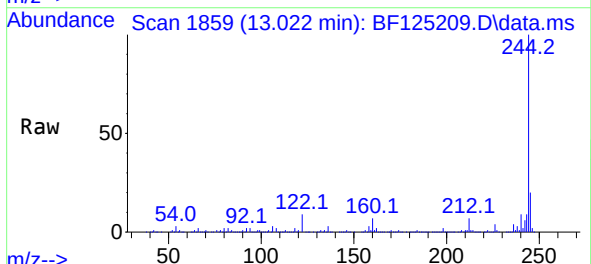
Manual Integrations  
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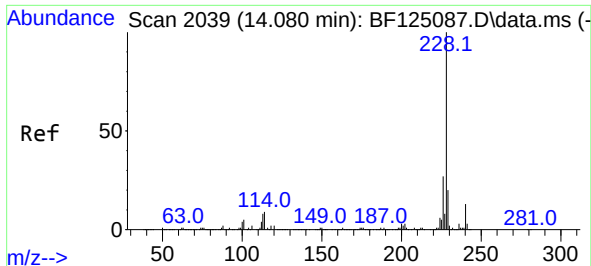
mohammad  
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#79  
Terphenyl-d14  
Concen: 60.457 ng  
RT: 13.022 min Scan# 1859  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47

Tgt Ion:244 Resp: 1262241  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 9.4 9.0 13.4





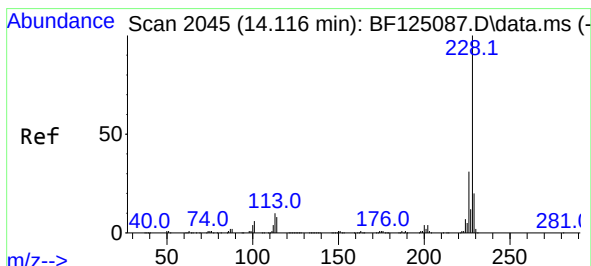
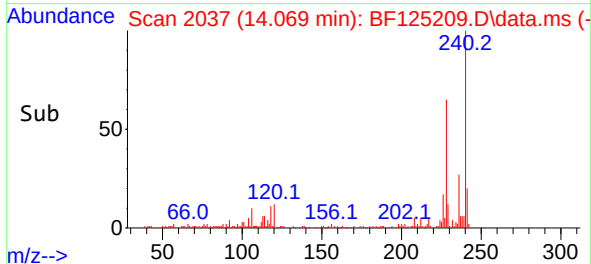
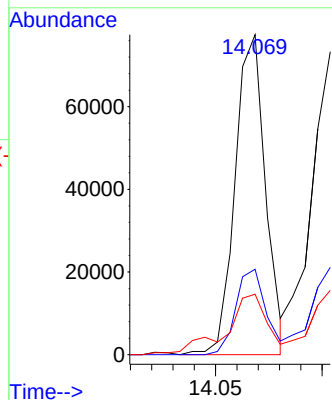
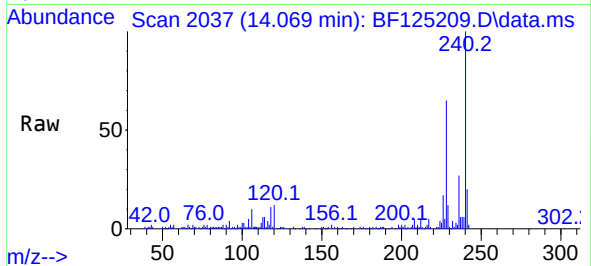
#81  
Benzo(a)anthracene  
Concen: 3.212 ng  
RT: 14.069 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47

Tgt Ion:228 Resp: 76971  
Ion Ratio Lower Upper  
228 100  
226 26.7 21.6 32.4  
229 18.9 15.6 23.4

Instrument :  
BNA\_F  
ClientSampled :  
PE-3

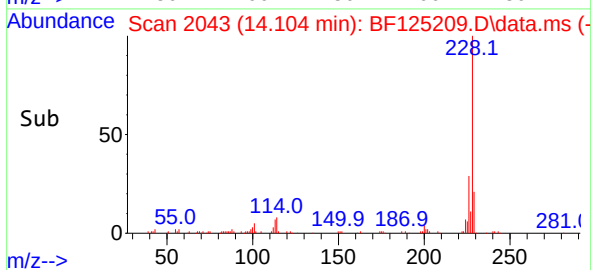
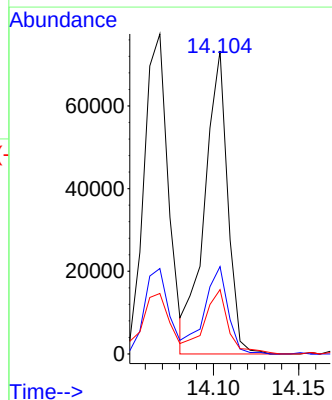
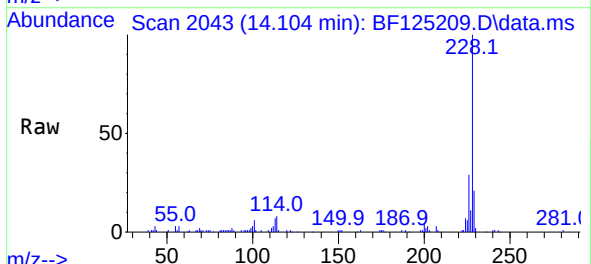
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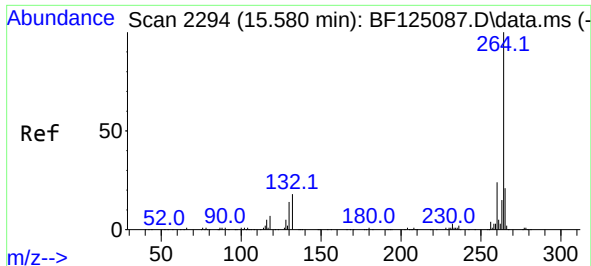
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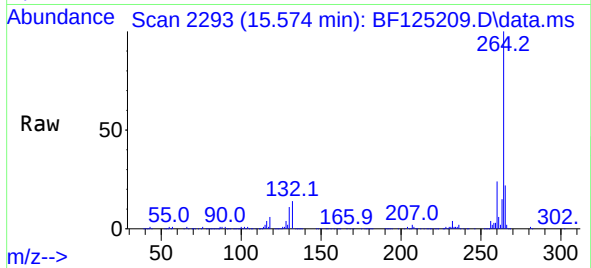
#83  
Chrysene  
Concen: 2.912 ng  
RT: 14.104 min Scan# 2043  
Delta R.T. -0.006 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47

Tgt Ion:228 Resp: 69017  
Ion Ratio Lower Upper  
228 100  
226 28.8 22.6 34.0  
229 21.2 15.9 23.9

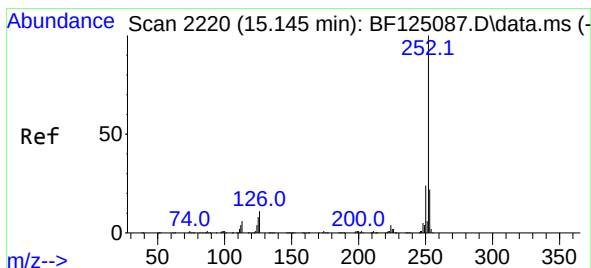
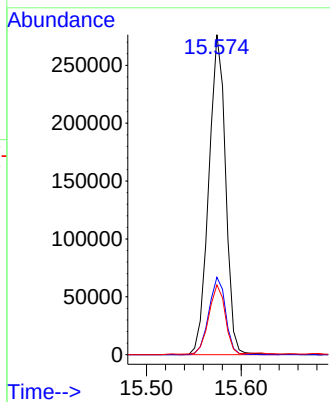
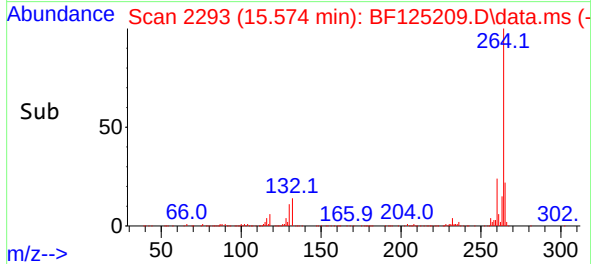




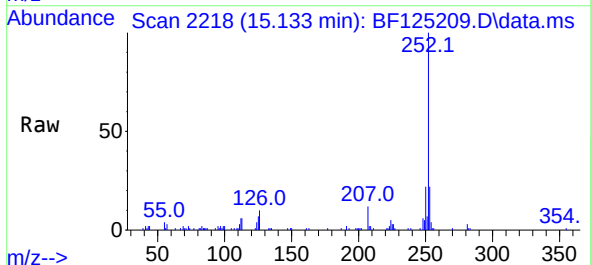
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.574 min Scan# 2293  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47



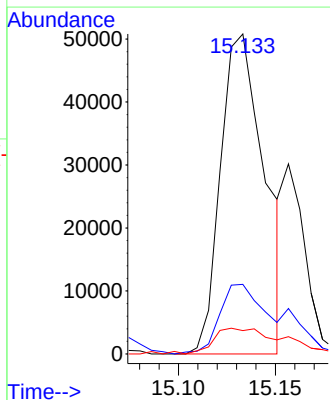
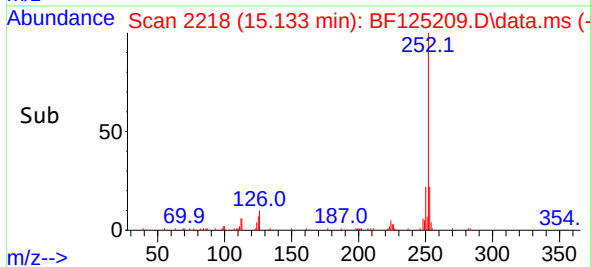
Tgt Ion:264 Resp: 341106  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.6 29.4  
265 21.8 17.2 25.8



#88  
Benzo(b)fluoranthene  
Concen: 3.210 ng m  
RT: 15.133 min Scan# 2218  
Delta R.T. 0.000 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47



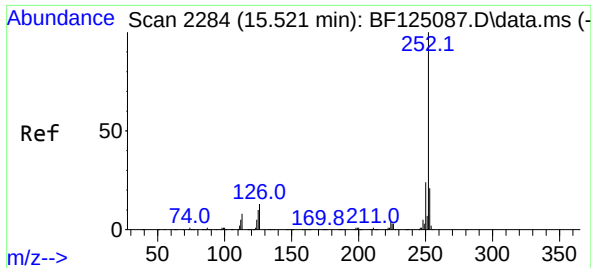
Tgt Ion:252 Resp: 79986  
Ion Ratio Lower Upper  
252 100  
253 21.7 16.8 25.2  
125 7.3 9.8 14.8#



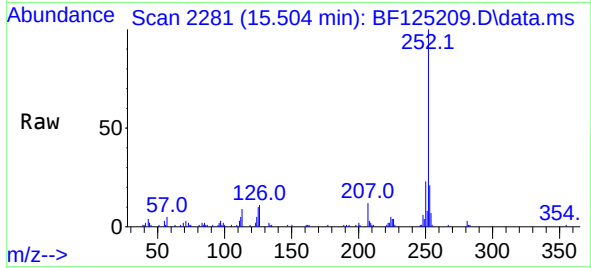
Instrument :  
BNA\_F  
ClientSampled :  
PE-3

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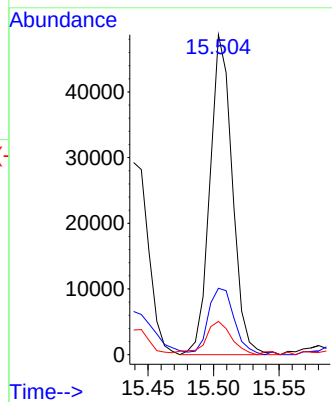
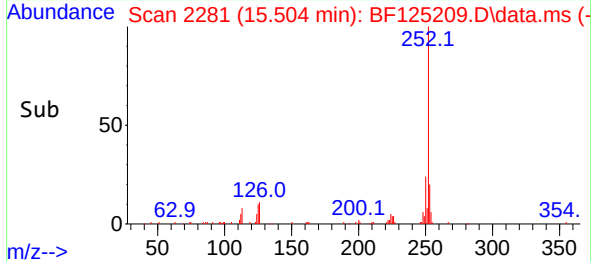
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#90  
Benzo(a)pyrene  
Concen: 2.632 ng  
RT: 15.504 min Scan# 2281  
Delta R.T. -0.012 min  
Lab File: BF125209.D  
Acq: 25 Aug 2021 14:47



Tgt Ion:252 Resp: 57931  
Ion Ratio Lower Upper  
252 100  
253 20.7 18.4 27.6  
125 10.4 9.9 14.9



Instrument :  
BNA\_F  
ClientSampleId :  
PE-3

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