

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101321\  
 Data File : BF125823.D  
 Acq On : 13 Oct 2021 13:11  
 Operator : JU/CG  
 Sample : M4127-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CHRT-27051

Manual Integrations  
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 10/14/2021 10:55:13 AM

Quant Time: Oct 14 01:18:44 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 13 13:23:32 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|-------|-----------|
| -----                       |        |      |          |       |       |           |
| Internal Standards          |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 180802   | 20.00 | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.122  | 136  | 713288   | 20.00 | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 9.875  | 164  | 341712   | 20.00 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.363 | 188  | 486025   | 20.00 | ng    | 0.00      |
| 76) Chrysene-d12            | 13.992 | 240  | 391274   | 20.00 | ng    | 0.00      |
| 86) Perylene-d12            | 15.451 | 264  | 431550   | 20.00 | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |       |       |           |
| 5) 2-Fluorophenol           | 5.463  | 112  | 1071678  | 96.83 | ng    | 0.00      |
| 7) Phenol-d6                | 6.469  | 99   | 1273989  | 89.42 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 754585   | 65.76 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 287000   | 85.07 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 1229308  | 62.05 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.945 | 244  | 831518   | 32.37 | ng    | 0.00      |
| Target Compounds            |        |      |          |       |       |           |
| 75) Fluoranthene            | 12.569 | 202  | 72605    | 3.09  | ng    | Qvalue 91 |
| 88) Benzo(b)fluoranthene    | 15.027 | 252  | 61761m   | 2.53  | ng    |           |
| -----                       |        |      |          |       |       |           |

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

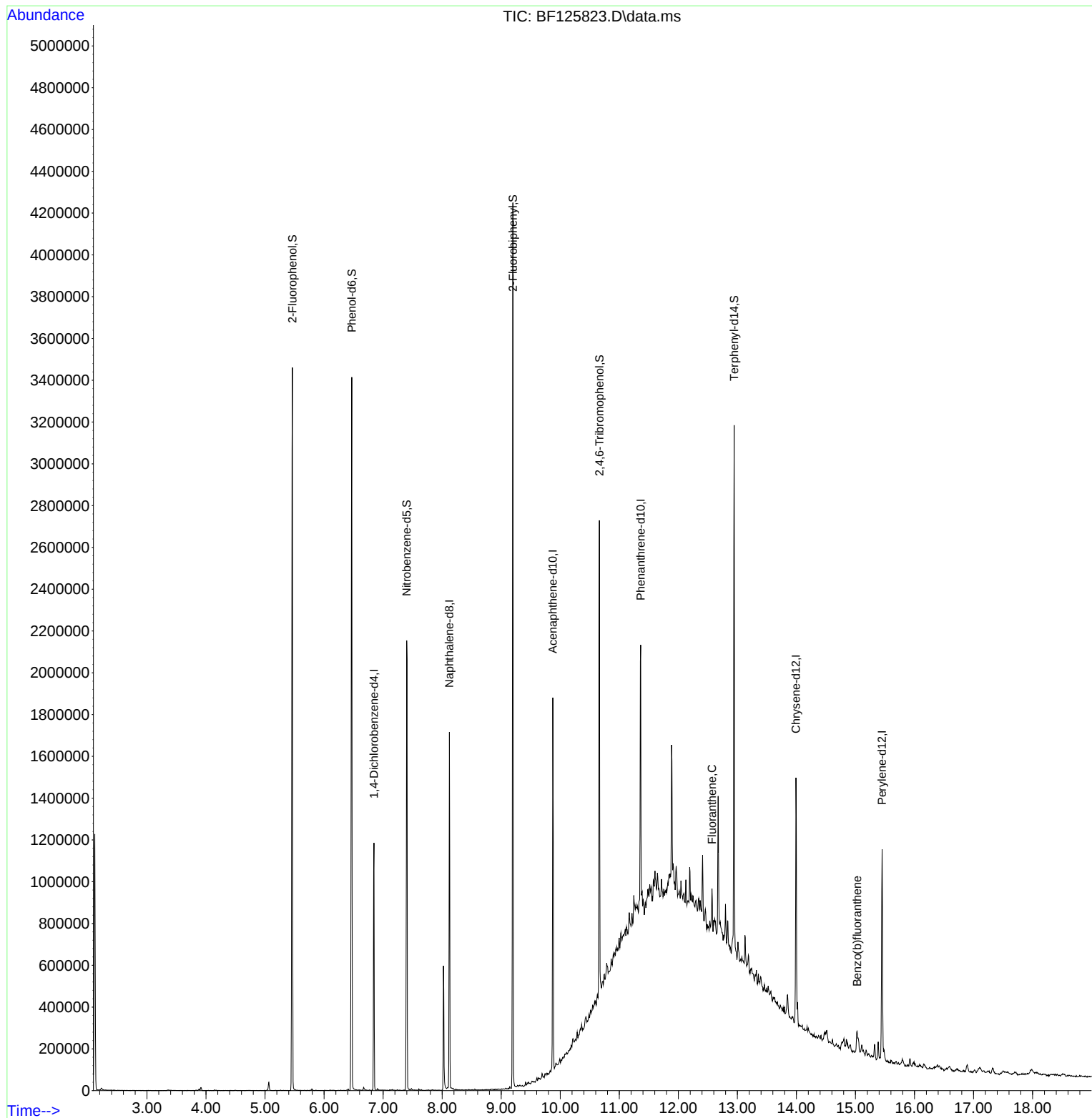
Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101321\  
Data File : BF125823.D  
Acq On : 13 Oct 2021 13:11  
Operator : JU/CG  
Sample : M4127-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

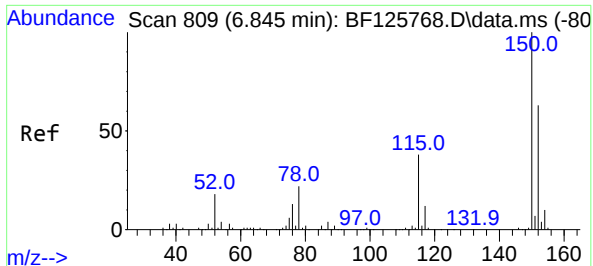
Instrument :  
BNA\_F  
ClientSampleId :  
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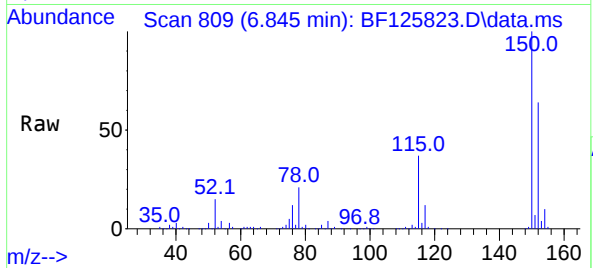
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Quant Time: Oct 14 01:18:44 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 13 13:23:32 2021  
Response via : Initial Calibration

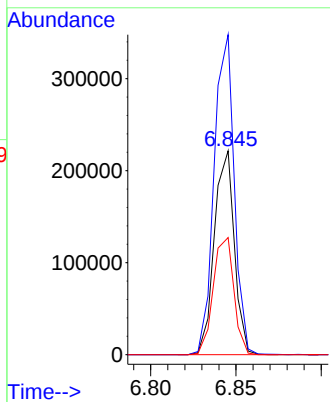
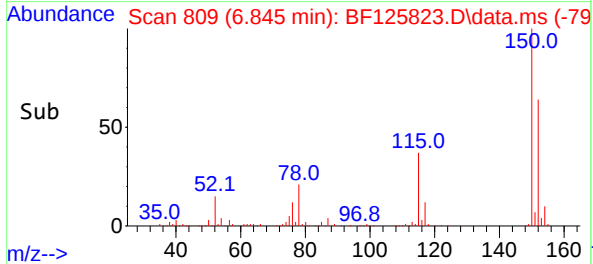




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.845 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11



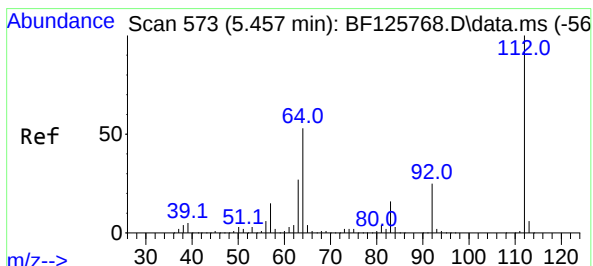
Tgt Ion:152 Resp: 180802  
Ion Ratio Lower Upper  
152 100  
150 157.0 117.6 176.4  
115 57.5 47.1 70.7



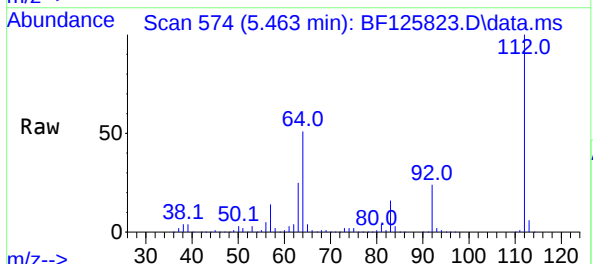
Instrument :  
BNA\_F  
ClientSampleId :  
CHRT-27051

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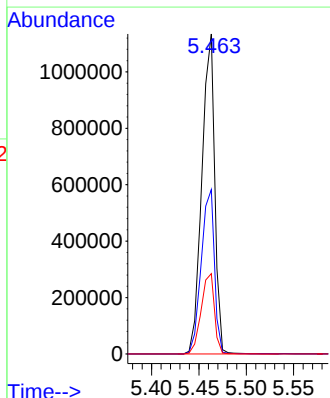
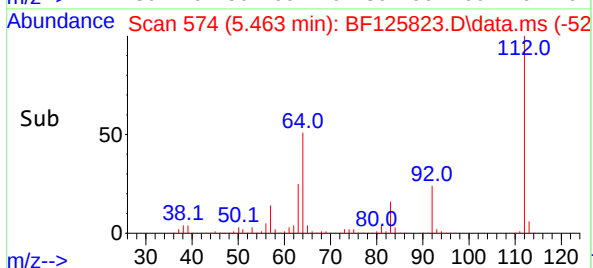
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#5  
2-Fluorophenol  
Concen: 96.83 ng  
RT: 5.463 min Scan# 574  
Delta R.T. -0.000 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11

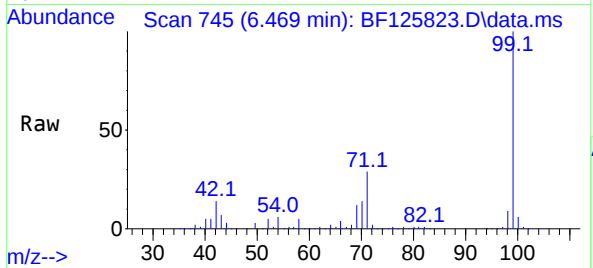


Tgt Ion:112 Resp: 1071678  
Ion Ratio Lower Upper  
112 100  
64 51.3 44.2 66.2  
63 25.1 26.2 39.2#

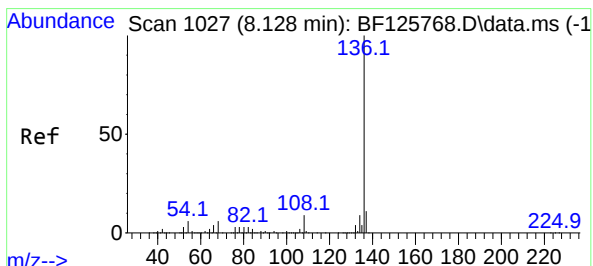
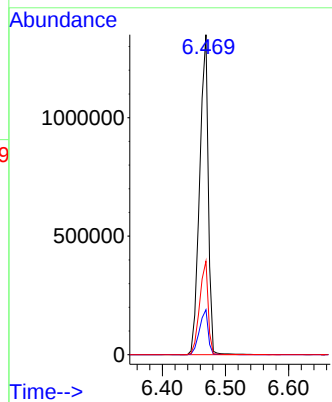
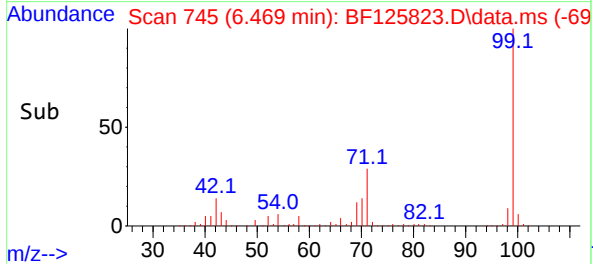




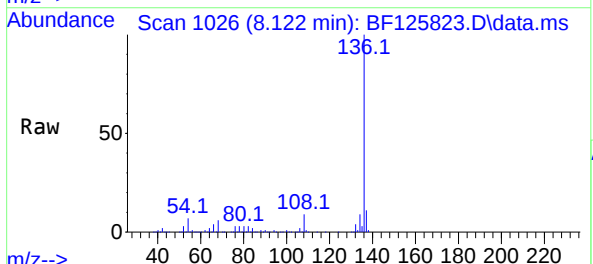
#7  
Phenol-d6  
Concen: 89.42 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.006 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11



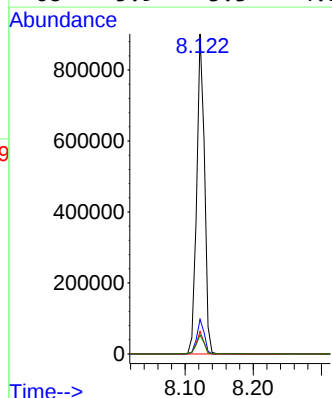
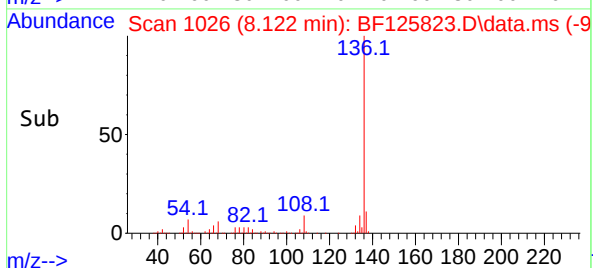
Tgt Ion: 99 Resp: 1273989  
Ion Ratio Lower Upper  
99 100  
42 14.1 23.5 35.3#  
71 29.2 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11



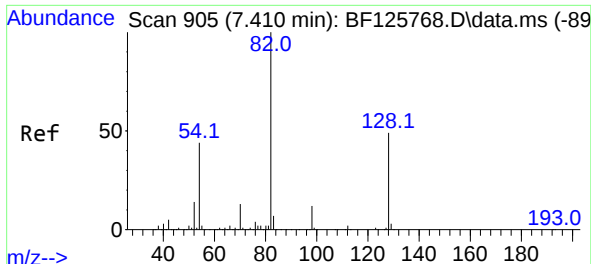
Tgt Ion: 136 Resp: 713288  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.8 14.6  
54 7.0 6.4 9.6  
68 5.9 3.3 4.9#



Instrument :  
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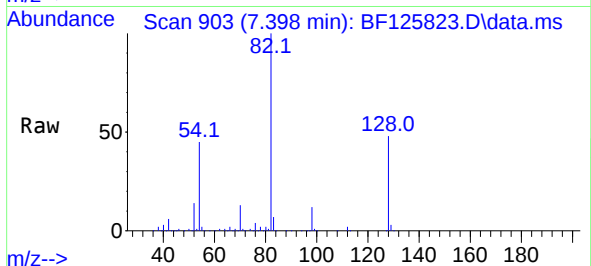
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#23  
Nitrobenzene-d5  
Concen: 65.76 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.012 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11

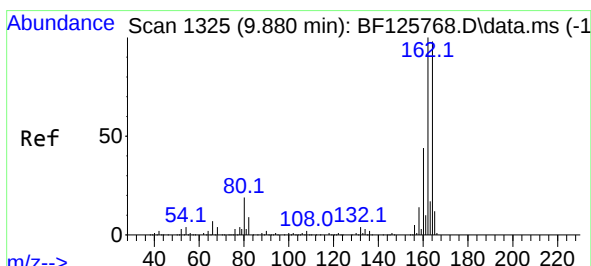
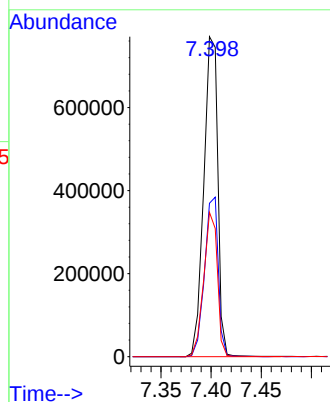
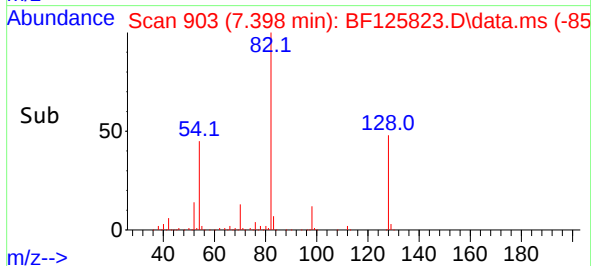
Instrument :  
BNA\_F  
ClientSampleId :  
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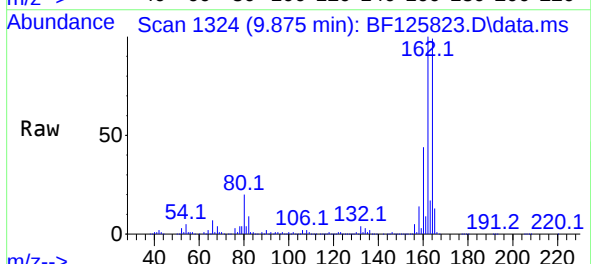
Tgt Ion: 82 Resp: 754585  
Ion Ratio Lower Upper  
82 100  
128 48.0 40.6 60.8  
54 45.1 49.6 74.4#

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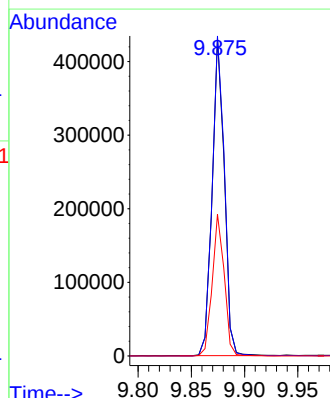
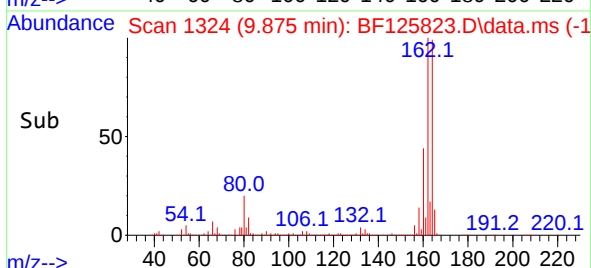
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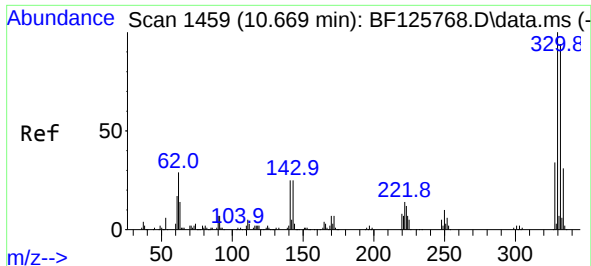


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11



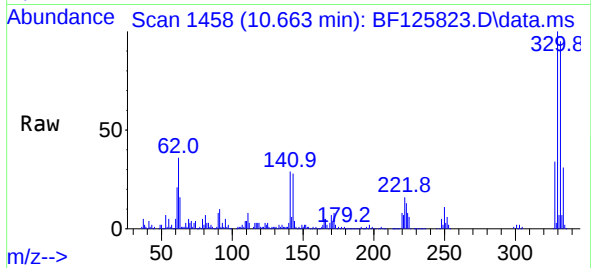
Tgt Ion: 164 Resp: 341712  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.3 121.9  
160 44.6 38.0 57.0





#42  
2,4,6-Tribromophenol  
Concen: 85.07 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11

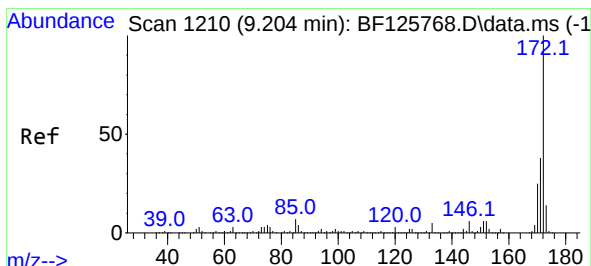
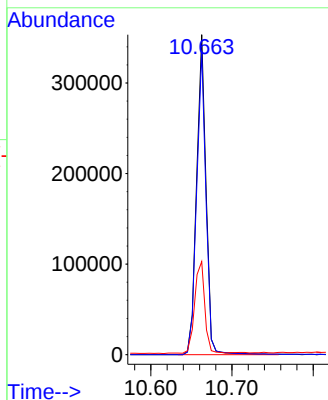
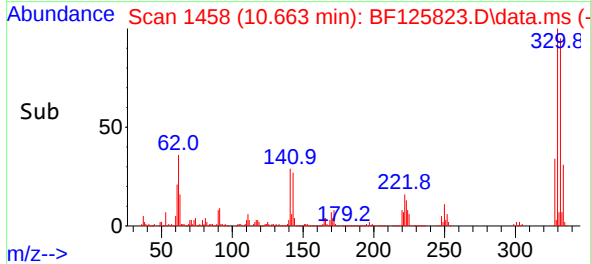
Instrument :  
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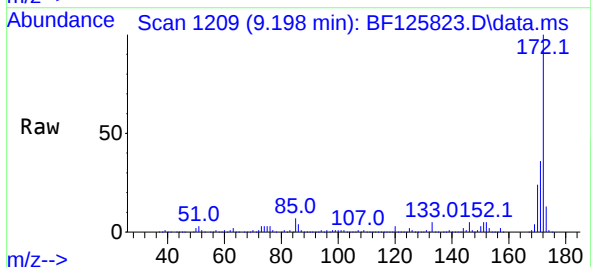
Tgt Ion:330 Resp: 287000  
Ion Ratio Lower Upper  
330 100  
332 94.5 76.2 114.4  
141 31.3 44.6 66.8#

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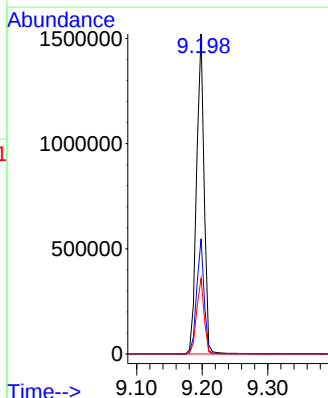
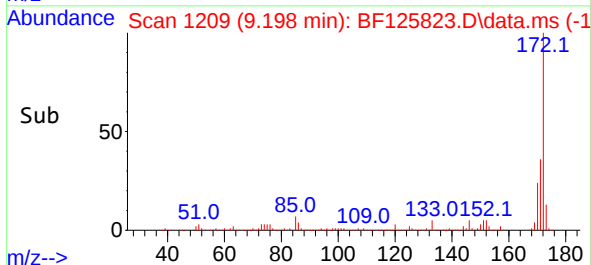
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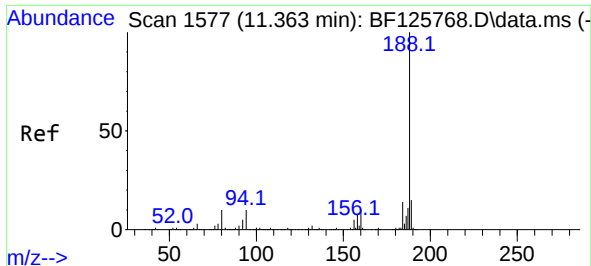


#45  
2-Fluorobiphenyl  
Concen: 62.05 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11

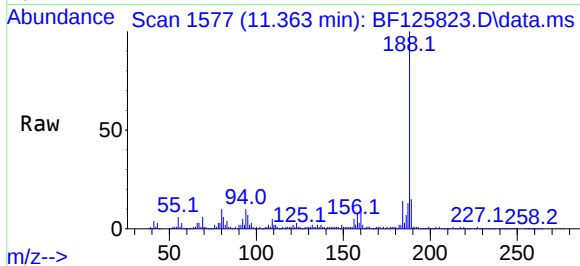


Tgt Ion:172 Resp: 1229308  
Ion Ratio Lower Upper  
172 100  
171 36.0 26.5 39.7  
170 23.6 18.8 28.2

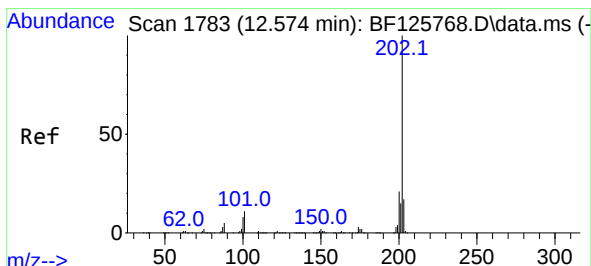
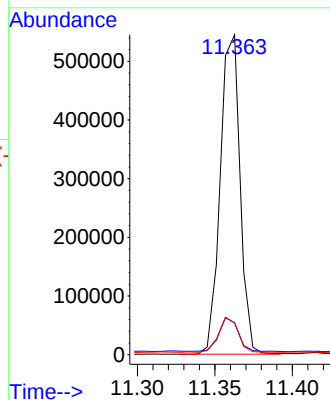
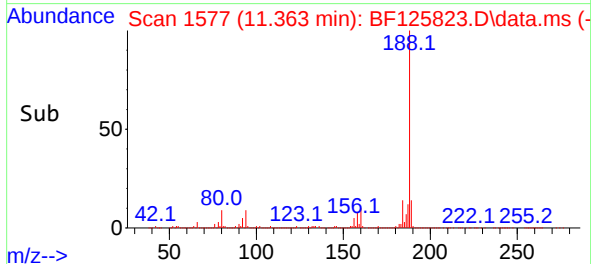




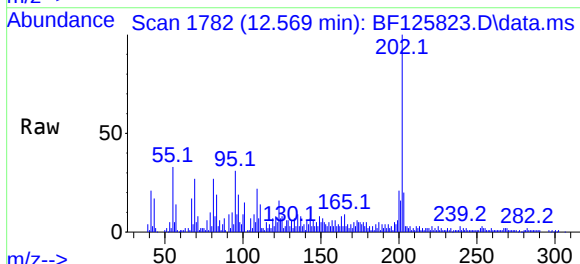
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.000 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11



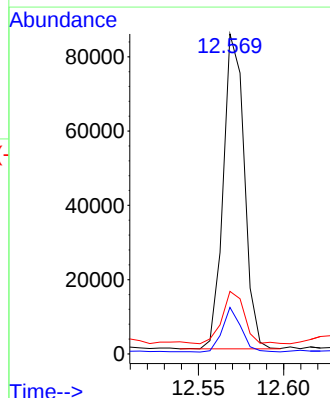
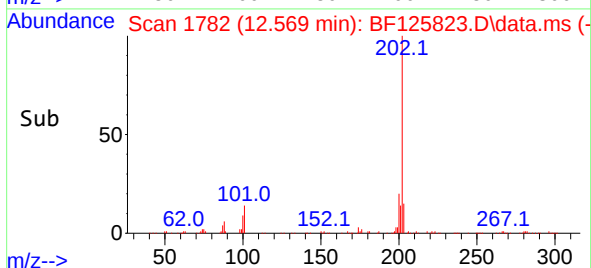
Tgt Ion:188 Resp: 486025  
Ion Ratio Lower Upper  
188 100  
94 10.0 6.7 10.1  
80 9.9 7.5 11.3



#75  
Fluoranthene  
Concen: 3.09 ng  
RT: 12.569 min Scan# 1782  
Delta R.T. -0.006 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11



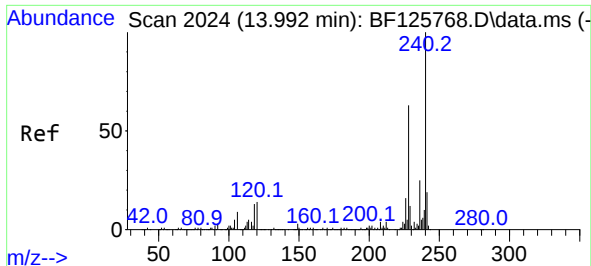
Tgt Ion:202 Resp: 72605  
Ion Ratio Lower Upper  
202 100  
101 14.6 0.0 30.7  
203 19.6 0.0 36.3



Instrument :  
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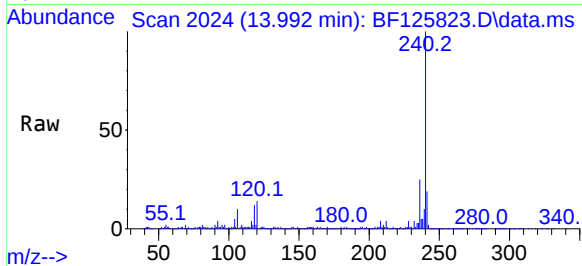
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#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11

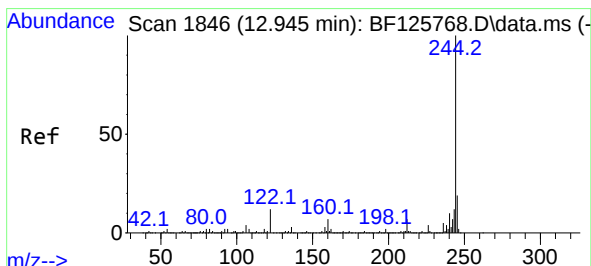
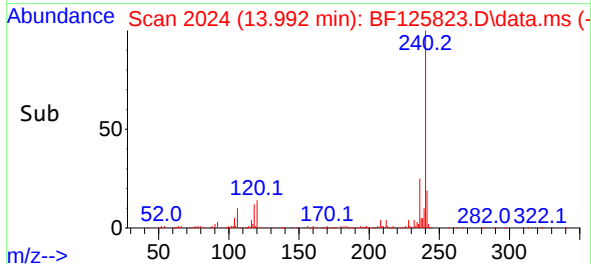
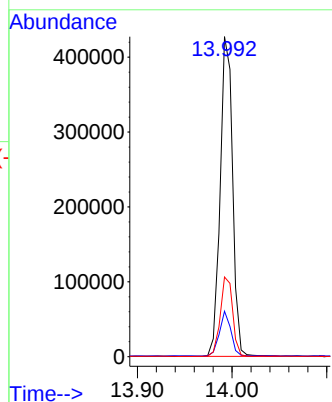
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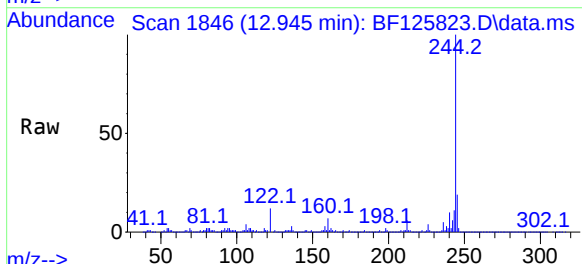
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Ion Ratio Lower Upper  
240 100  
120 14.2 10.8 16.2  
236 24.9 21.6 32.4

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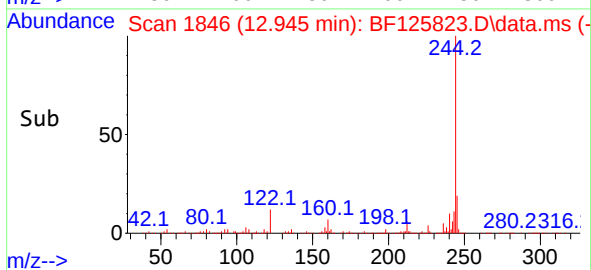
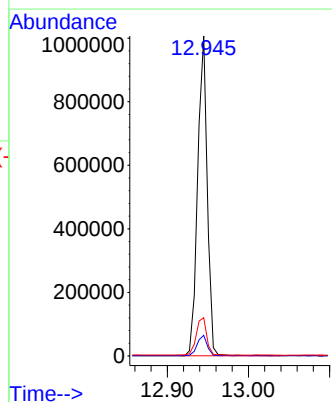
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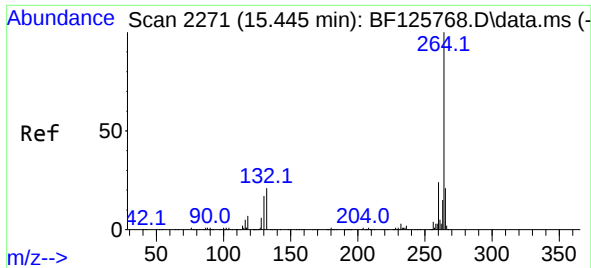


#79  
Terphenyl-d14  
Concen: 32.37 ng  
RT: 12.945 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11



Tgt Ion:244 Resp: 831518  
Ion Ratio Lower Upper  
244 100  
212 6.5 5.9 8.9  
122 12.0 9.0 13.4





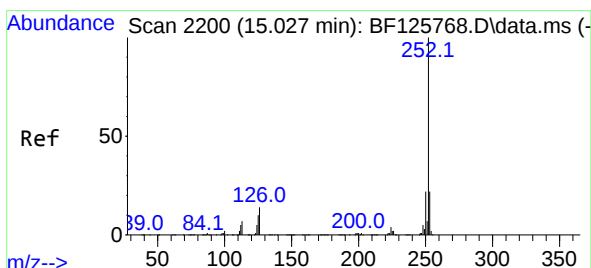
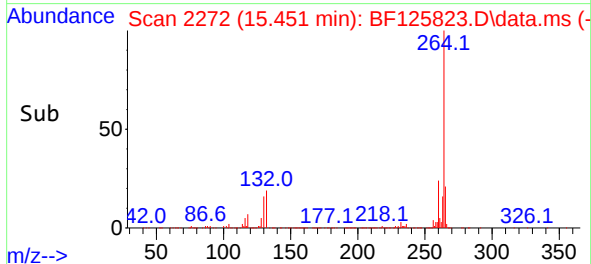
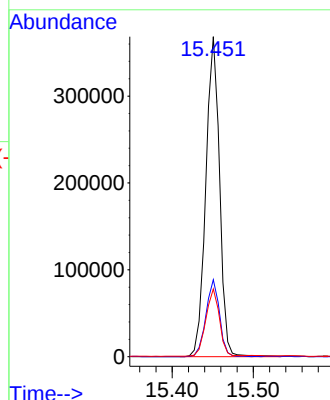
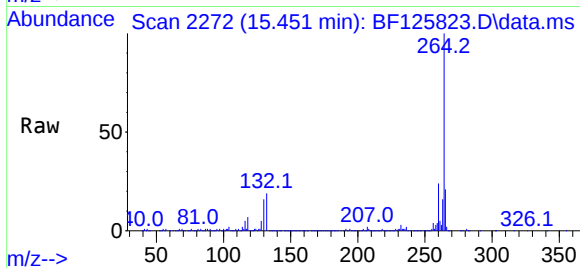
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.451 min Scan# 2272  
Delta R.T. -0.000 min  
Lab File: BF125823.D  
Acq: 13 Oct 2021 13:11

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Tgt Ion:264 Resp: 431550  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.6 29.4  
265 21.2 17.2 25.8

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#88  
Benzo(b)fluoranthene  
Concen: 2.53 ng m  
RT: 15.027 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: BF125823.D  
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Tgt Ion:252 Resp: 61761  
Ion Ratio Lower Upper  
252 100  
253 23.2 16.8 25.2  
125 14.2 9.8 14.8

