

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122722\  
 Data File : BF131843.D  
 Acq On : 27 Dec 2022 18:29  
 Operator : CG\JU  
 Sample : N6190-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOCATION-3

Quant Time: Dec 28 00:38:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 26 05:13:34 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.834  | 152  | 75816    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 275774   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 159329   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.375 | 188  | 310787   | 20.000 | ng    | -0.01    |
| 76) Chrysene-d12            | 14.027 | 240  | 161376   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.515 | 264  | 152257   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.446  | 112  | 437726   | 95.680 | ng    | 0.00     |
| 7) Phenol-d6                | 6.463  | 99   | 569393   | 94.732 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 403133   | 58.364 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.681 | 330  | 157703   | 91.099 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.204  | 172  | 653178   | 56.153 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.969 | 244  | 679891   | 71.265 | ng    | -0.01    |

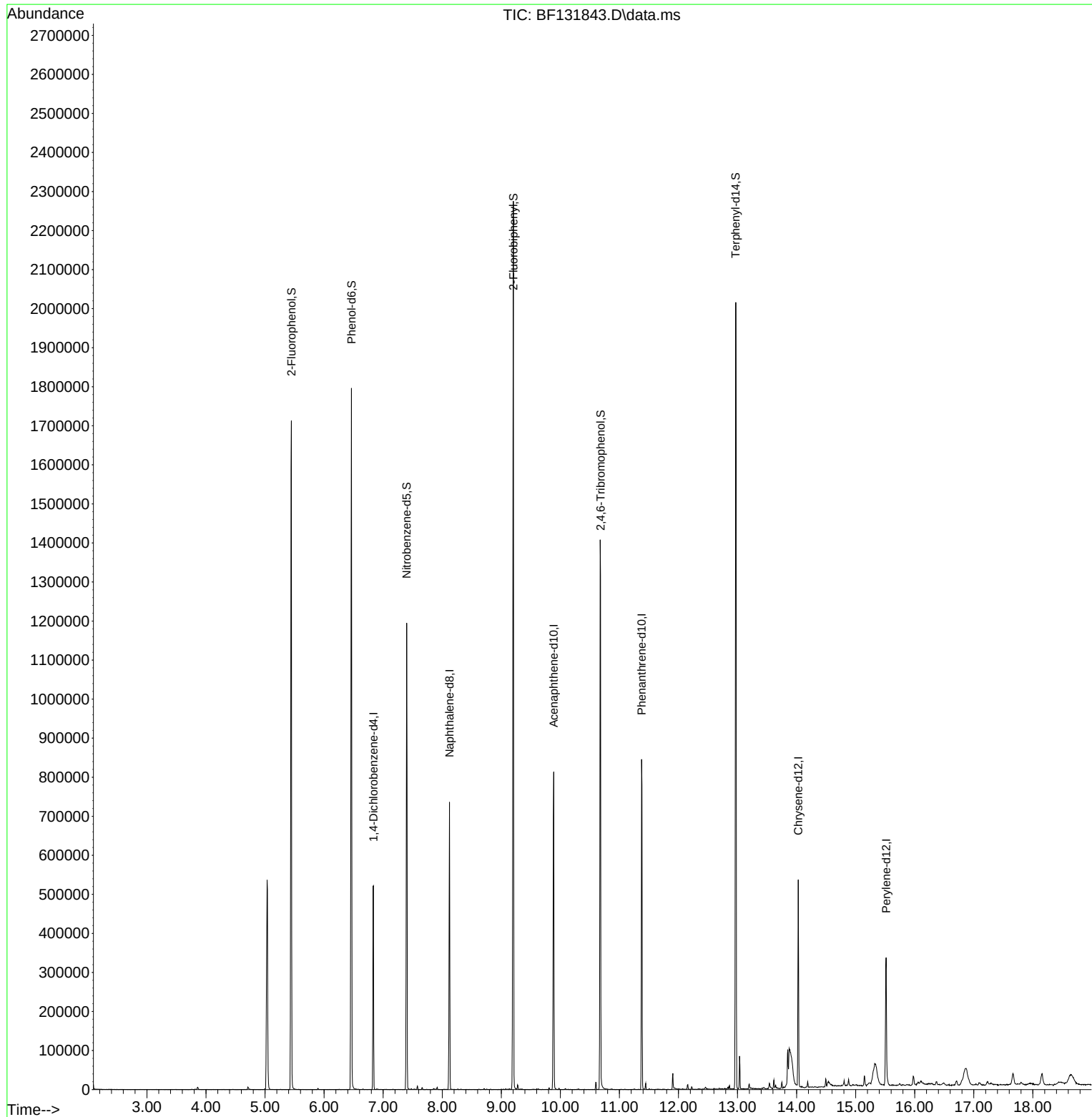
Target Compounds Qvalue

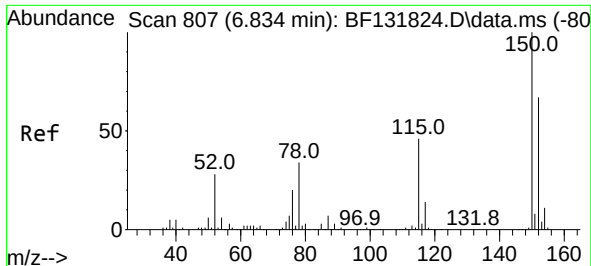
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 26 05:13:34 2022  
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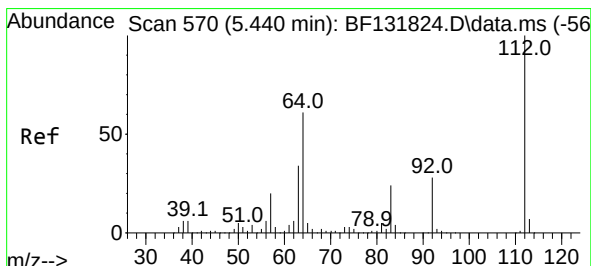
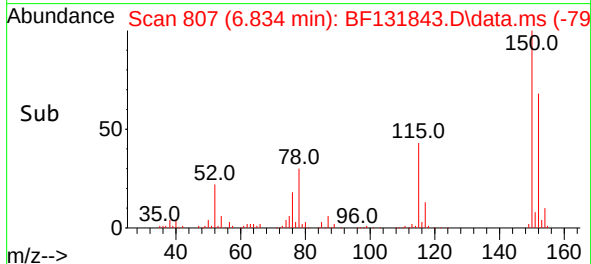
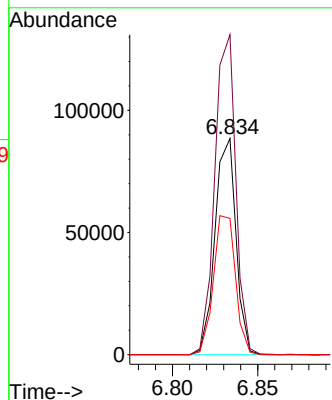
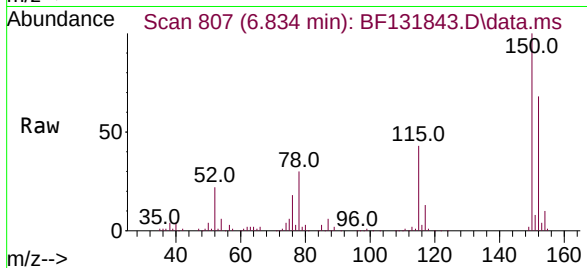




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.834 min Scan# 807  
 Delta R.T. -0.000 min  
 Lab File: BF131843.D  
 Acq: 27 Dec 2022 18:29

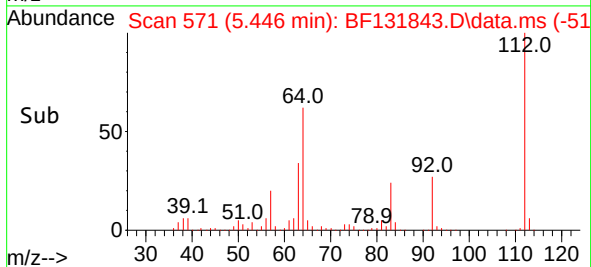
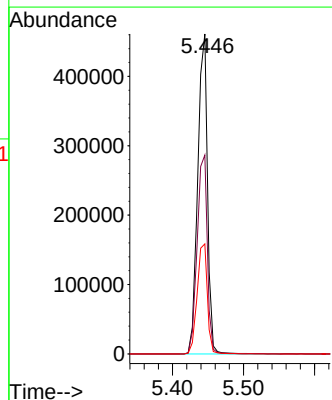
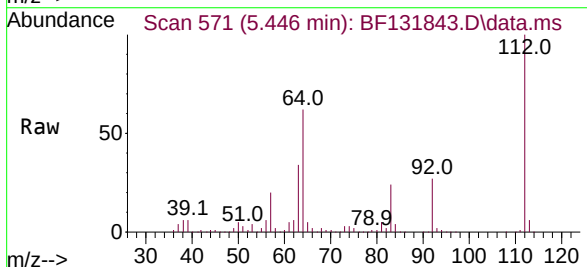
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 ClientSampleId :  
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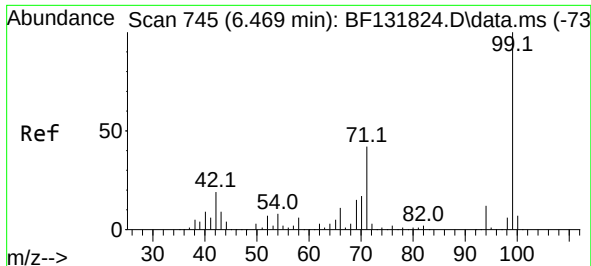
Tgt Ion:152 Resp: 75816  
 Ion Ratio Lower Upper  
 152 100  
 150 148.1 120.0 180.0  
 115 63.1 55.1 82.7



#5  
 2-Fluorophenol  
 Concen: 95.680 ng  
 RT: 5.446 min Scan# 571  
 Delta R.T. 0.006 min  
 Lab File: BF131843.D  
 Acq: 27 Dec 2022 18:29

Tgt Ion:112 Resp: 437726  
 Ion Ratio Lower Upper  
 112 100  
 64 62.1 49.2 73.8  
 63 34.4 27.5 41.3

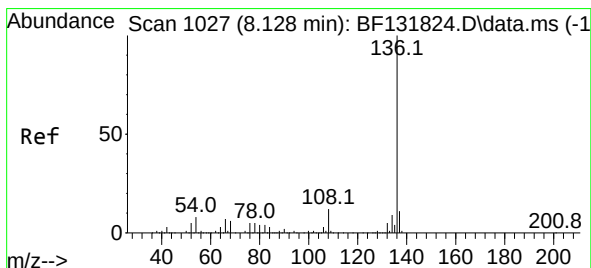
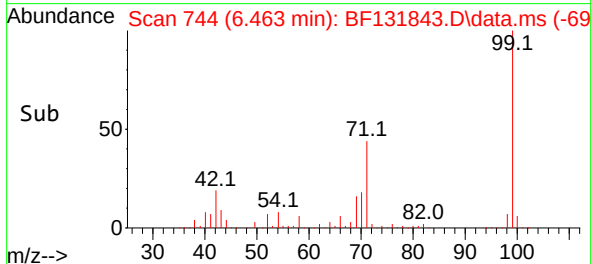
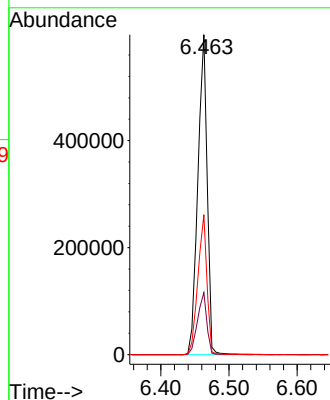
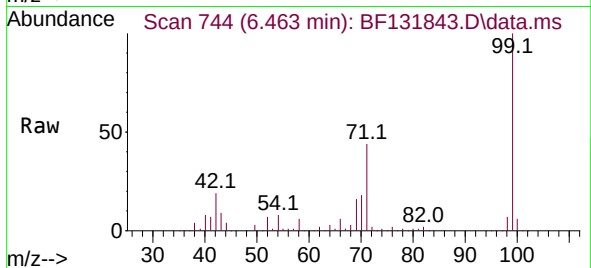




#7  
Phenol-d6  
Concen: 94.732 ng  
RT: 6.463 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF131843.D  
Acq: 27 Dec 2022 18:29

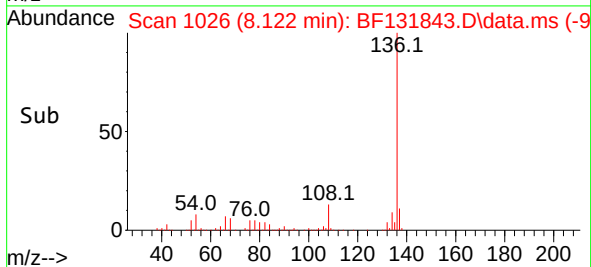
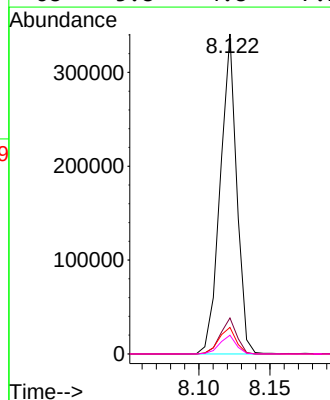
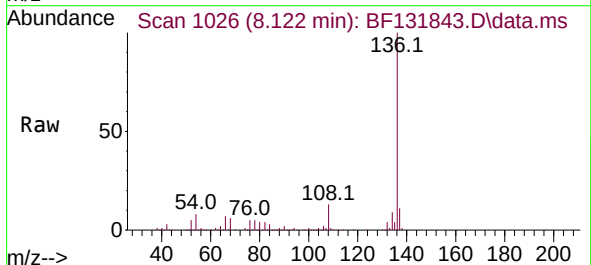
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ClientSampleId :  
LOCATION-3

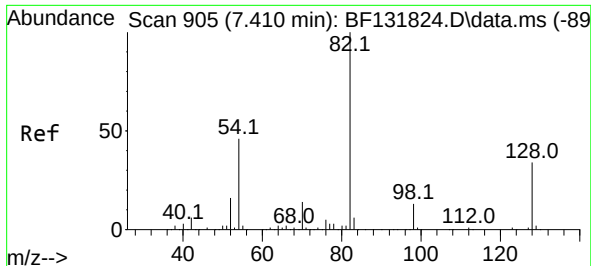
Tgt Ion: 99 Resp: 569393  
Ion Ratio Lower Upper  
99 100  
42 19.4 15.3 22.9  
71 43.7 33.5 50.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF131843.D  
Acq: 27 Dec 2022 18:29

Tgt Ion: 136 Resp: 275774  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 12.8  
54 8.3 6.7 10.1  
68 5.8 4.8 7.2

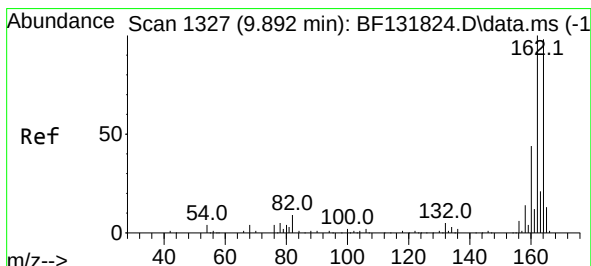
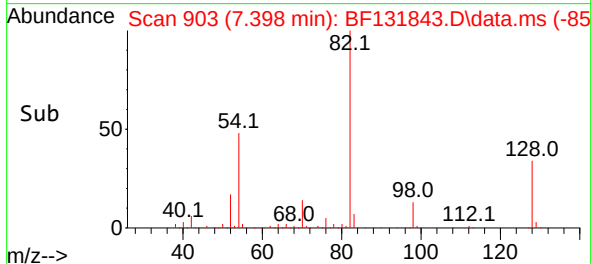
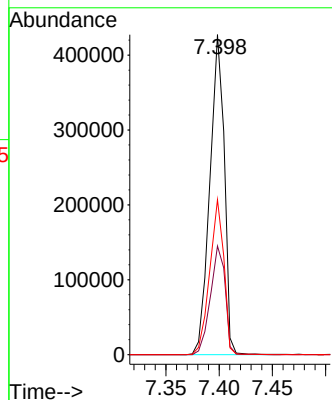
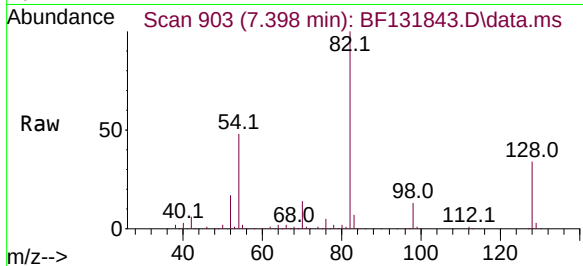




#23  
Nitrobenzene-d5  
Concen: 58.364 ng  
RT: 7.398 min Scan# 905  
Delta R.T. -0.012 min  
Lab File: BF131843.D  
Acq: 27 Dec 2022 18:29

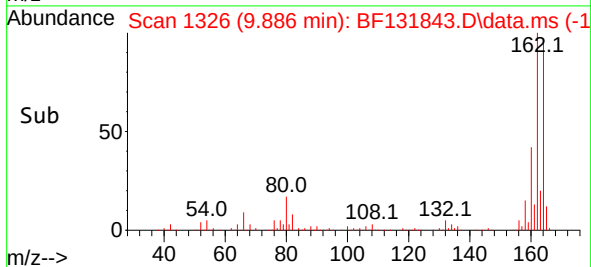
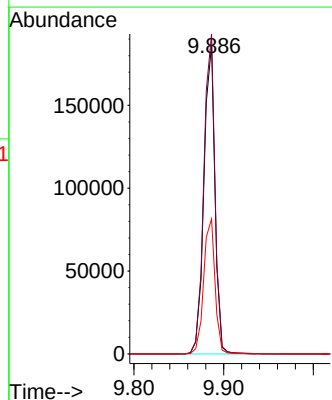
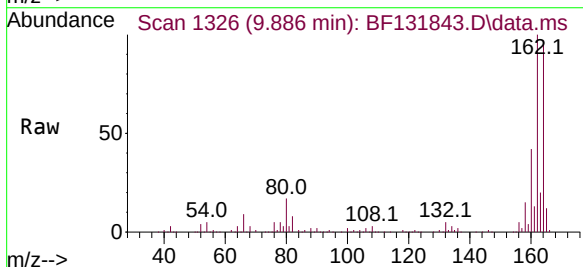
Instrument :  
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ClientSampleId :  
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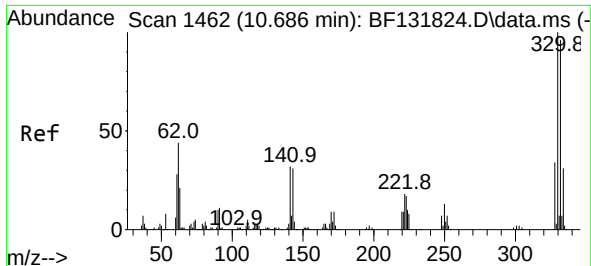
Tgt Ion: 82 Resp: 403133  
Ion Ratio Lower Upper  
82 100  
128 33.9 27.1 40.7  
54 48.4 37.0 55.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF131843.D  
Acq: 27 Dec 2022 18:29

Tgt Ion:164 Resp: 159329  
Ion Ratio Lower Upper  
164 100  
162 103.5 81.8 122.6  
160 43.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 91.099 ng

RT: 10.681 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF131843.D

Acq: 27 Dec 2022 18:29

Instrument :

BNA\_F

ClientSampleId :

LOCATION-3

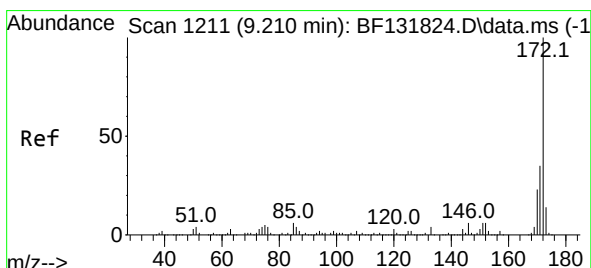
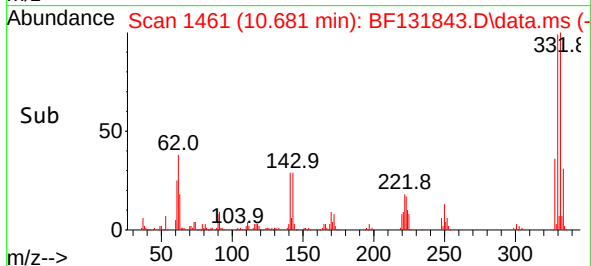
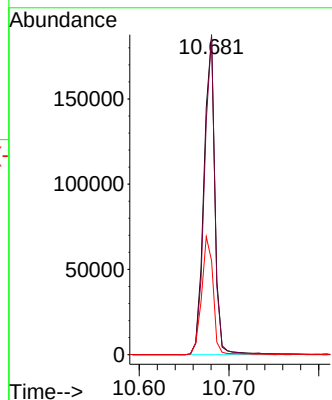
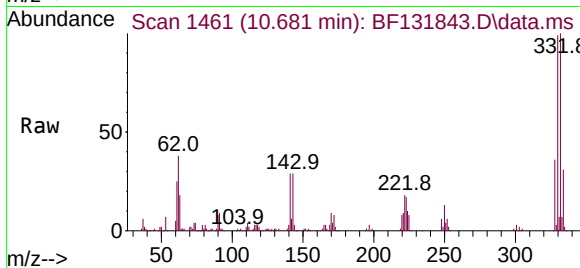
Tgt Ion:330 Resp: 157703

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.4

141 39.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 56.153 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF131843.D

Acq: 27 Dec 2022 18:29

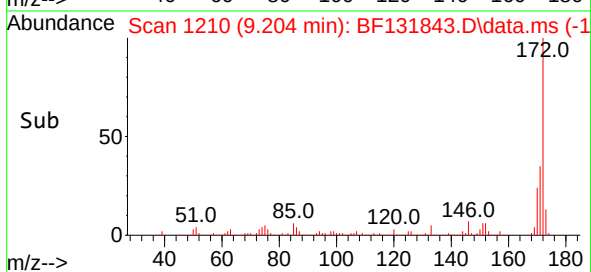
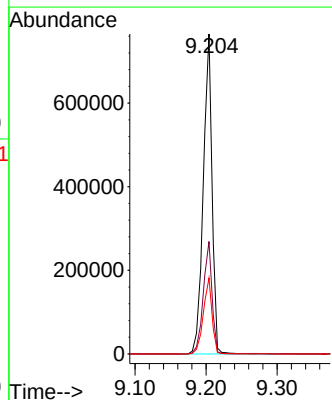
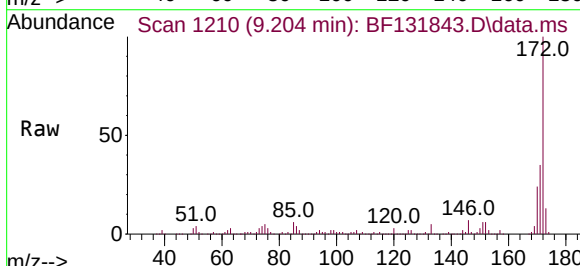
Tgt Ion:172 Resp: 653178

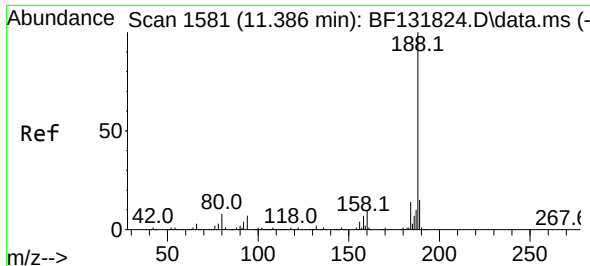
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.7 18.7 28.1

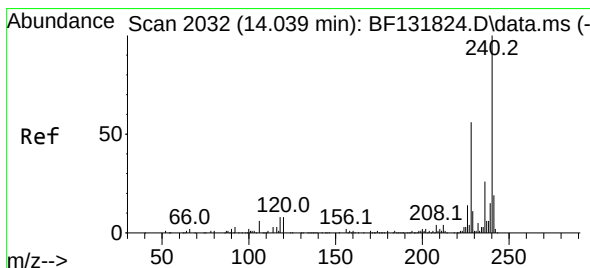
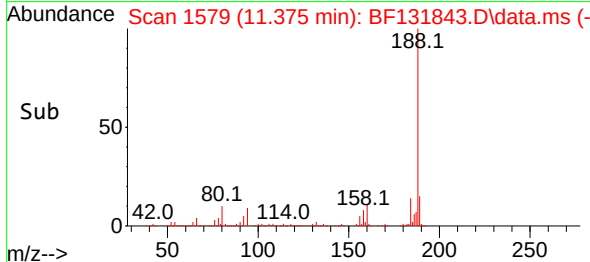
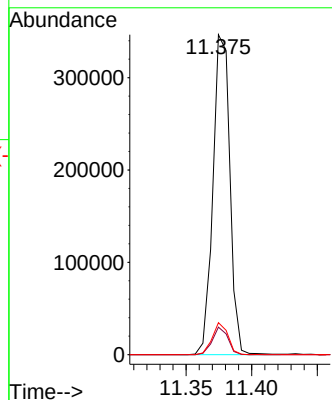
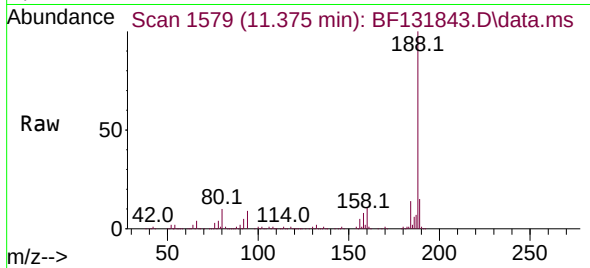




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF131843.D  
Acq: 27 Dec 2022 18:29

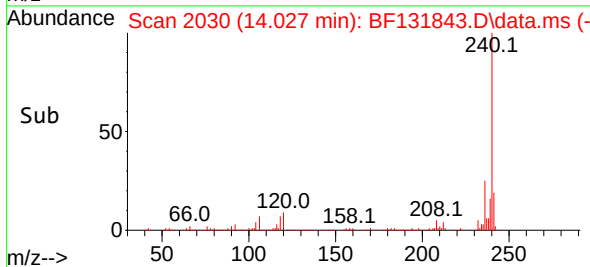
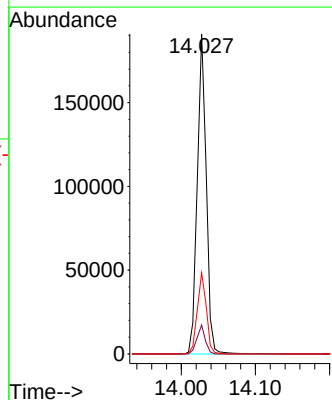
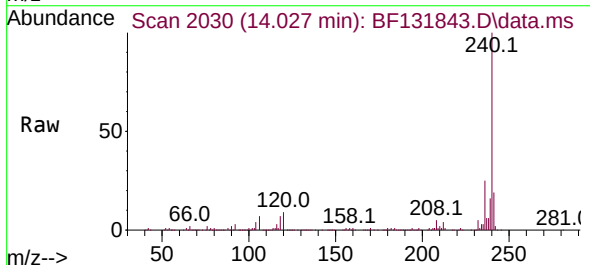
Instrument :  
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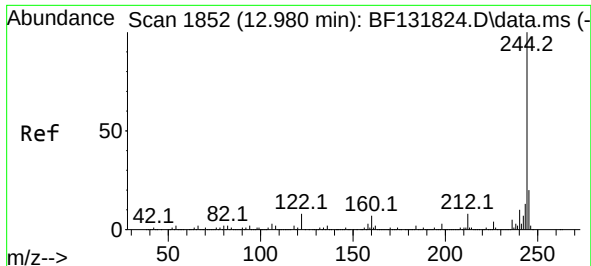
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Ion Ratio Lower Upper  
188 100  
94 8.6 5.8 8.6  
80 10.0 6.7 10.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.012 min  
Lab File: BF131843.D  
Acq: 27 Dec 2022 18:29

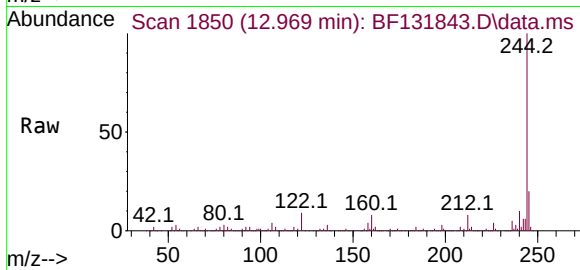
Tgt Ion:240 Resp: 161376  
Ion Ratio Lower Upper  
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120 9.0 6.7 10.1  
236 25.3 20.6 31.0



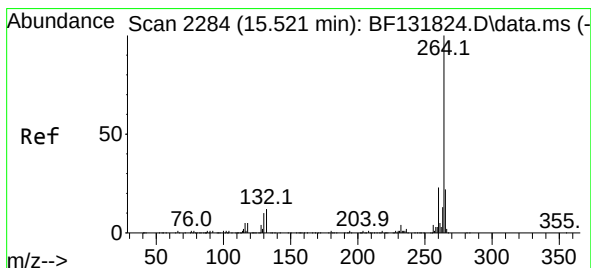
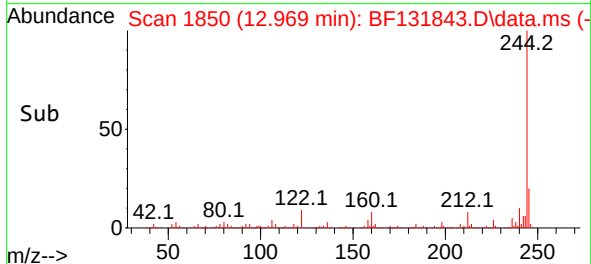
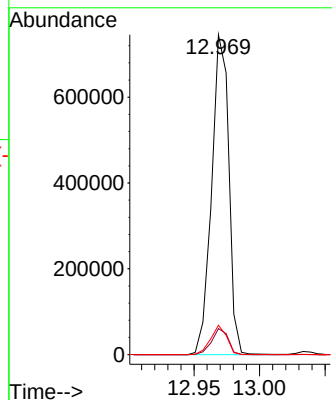


#79  
 Terphenyl-d14  
 Concen: 71.265 ng  
 RT: 12.969 min Scan# 1850  
 Delta R.T. -0.012 min  
 Lab File: BF131843.D  
 Acq: 27 Dec 2022 18:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LOCATION-3



Tgt Ion:244 Resp: 679891  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.3 9.5  
 122 9.2 6.4 9.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.515 min Scan# 2283  
 Delta R.T. -0.006 min  
 Lab File: BF131843.D  
 Acq: 27 Dec 2022 18:29

Tgt Ion:264 Resp: 152257  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.6 28.0  
 265 20.9 17.4 26.0

