

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092922\  
 Data File : BF130469.D  
 Acq On : 29 Sep 2022 16:23  
 Operator : CG\JU  
 Sample : N4862-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A2720

Quant Time: Sep 30 03:08:27 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 28 02:59:31 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.634  | 152  | 104310   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 7.922  | 136  | 399790   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.669  | 164  | 205966   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.151 | 188  | 338822   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.780 | 240  | 200174   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.168 | 264  | 179028   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.240  | 112  | 400999   | 66.678  | ng    | 0.00     |
| 7) Phenol-d6                | 6.275  | 99   | 313068   | 41.605  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.204  | 82   | 653733   | 83.539  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.463 | 330  | 326009   | 165.189 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 8.998  | 172  | 1281998  | 90.638  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.739 | 244  | 1102539  | 91.238  | ng    | 0.00     |

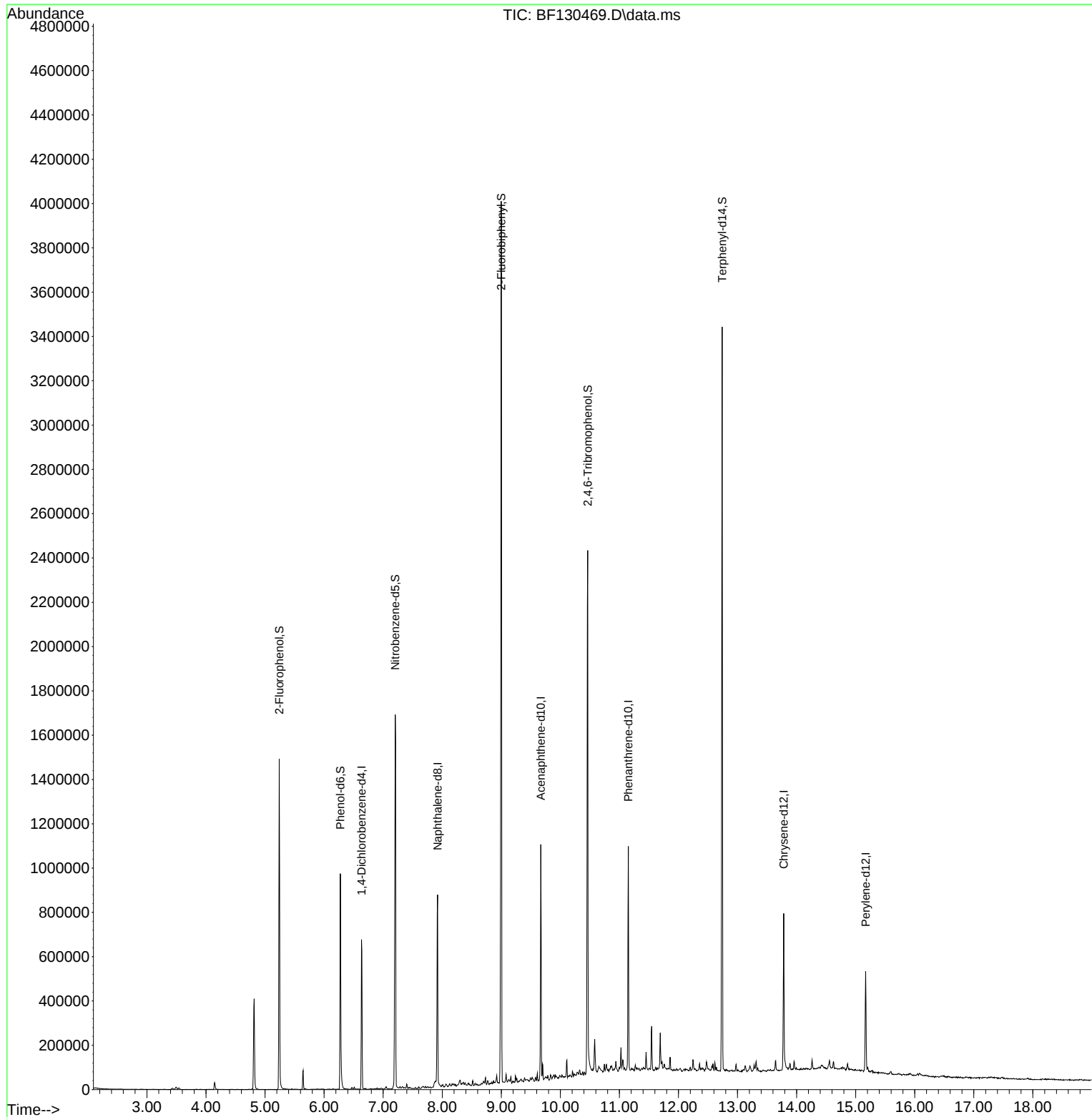
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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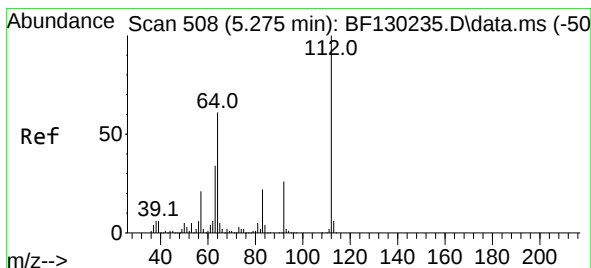
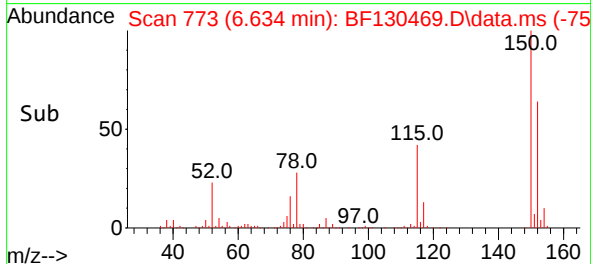
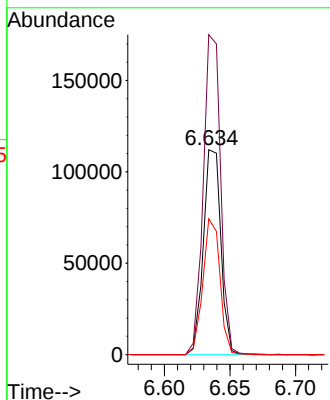
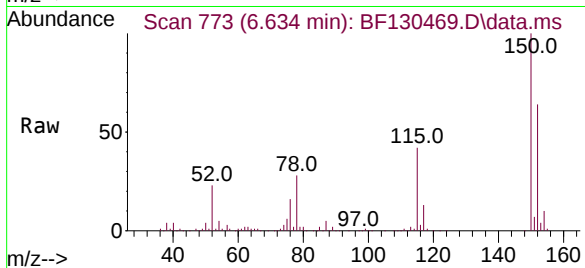




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.634 min Scan# 71  
 Delta R.T. -0.011 min  
 Lab File: BF130469.D  
 Acq: 29 Sep 2022 16:23

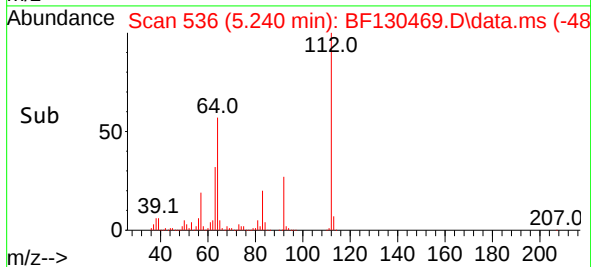
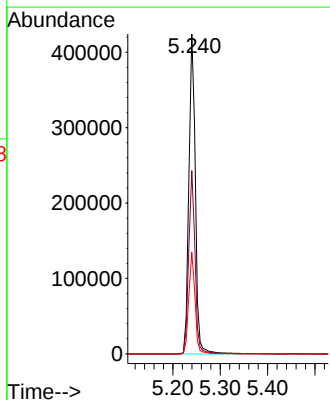
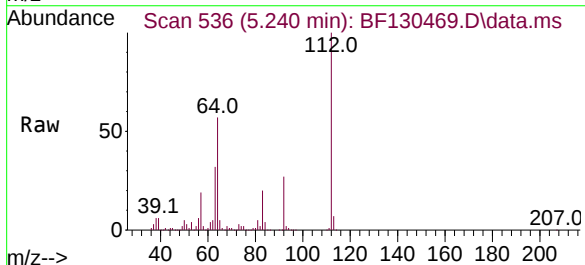
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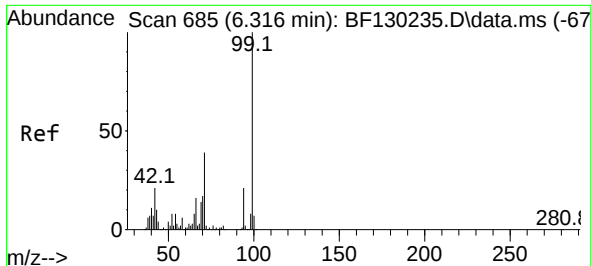
Tgt Ion:152 Resp: 104310  
 Ion Ratio Lower Upper  
 152 100  
 150 156.2 122.8 184.2  
 115 66.2 53.8 80.8



#5  
 2-Fluorophenol  
 Concen: 66.678 ng  
 RT: 5.240 min Scan# 536  
 Delta R.T. -0.006 min  
 Lab File: BF130469.D  
 Acq: 29 Sep 2022 16:23

Tgt Ion:112 Resp: 400999  
 Ion Ratio Lower Upper  
 112 100  
 64 57.3 51.4 77.0  
 63 31.7 28.8 43.2





#7  
Phenol-d6  
Concen: 41.605 ng  
RT: 6.275 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF130469.D  
Acq: 29 Sep 2022 16:23

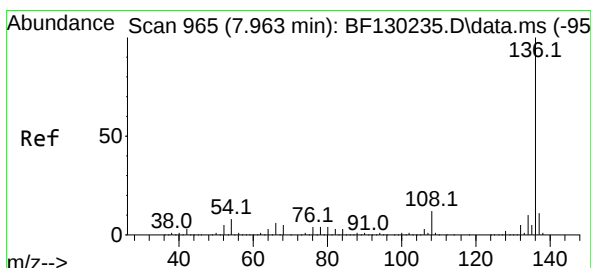
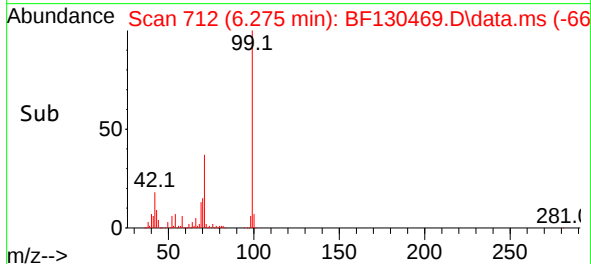
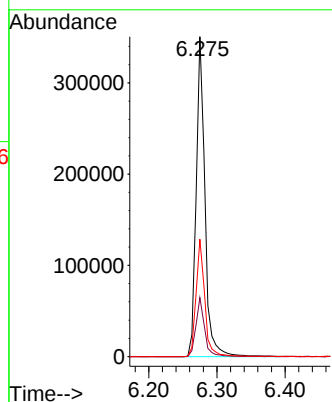
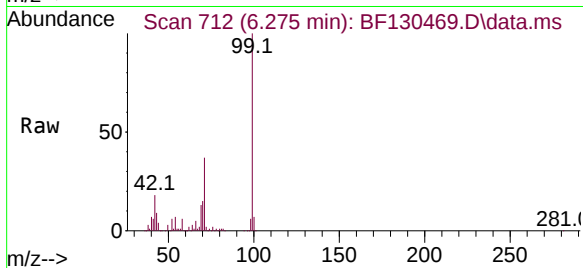
Instrument :

BNA\_F

ClientSampleId :

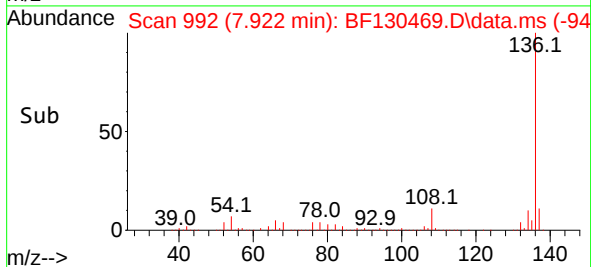
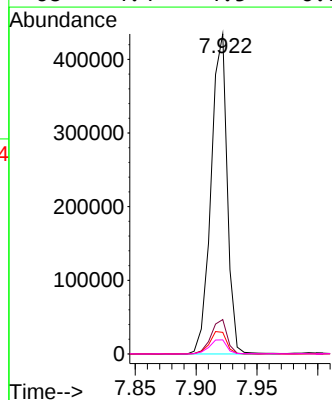
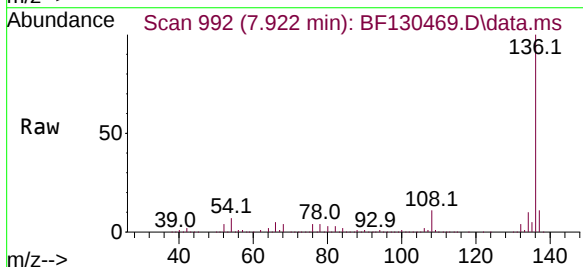
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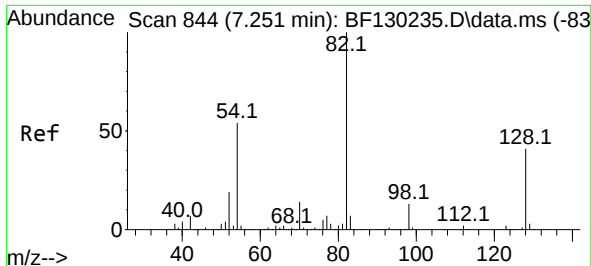
Tgt Ion: 99 Resp: 313068  
Ion Ratio Lower Upper  
99 100  
42 18.4 17.0 25.6  
71 36.7 32.3 48.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.922 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: BF130469.D  
Acq: 29 Sep 2022 16:23

Tgt Ion: 136 Resp: 399790  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.1 13.7  
54 6.7 7.1 10.7#  
68 4.4 4.5 6.7#

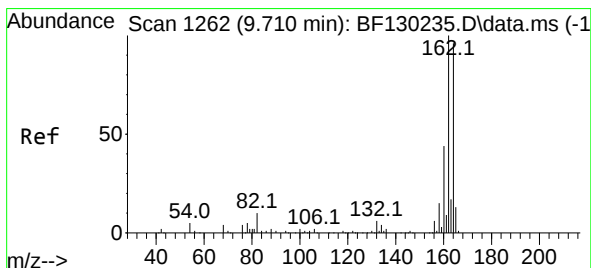
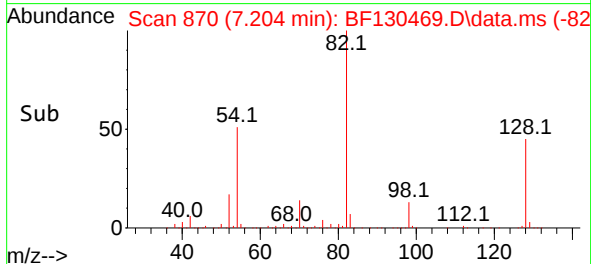
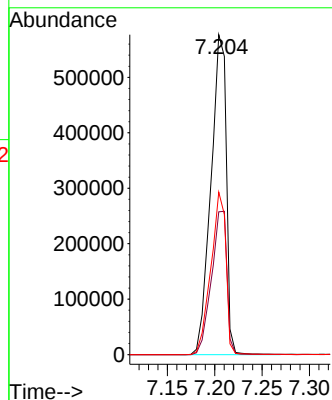
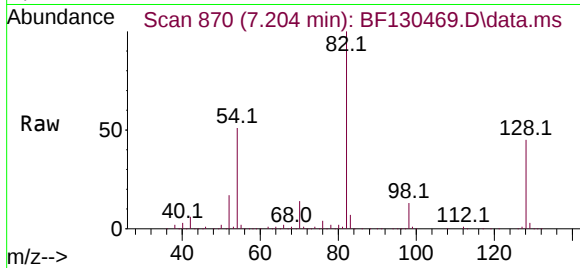




#23  
 Nitrobenzene-d5  
 Concen: 83.539 ng  
 RT: 7.204 min Scan# 81  
 Delta R.T. -0.012 min  
 Lab File: BF130469.D  
 Acq: 29 Sep 2022 16:23

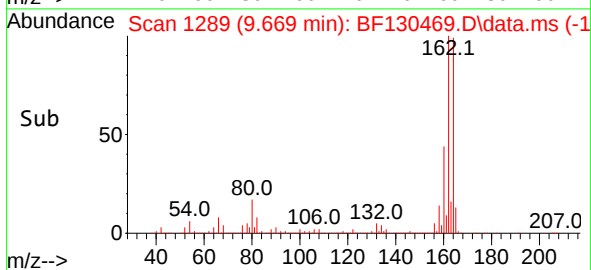
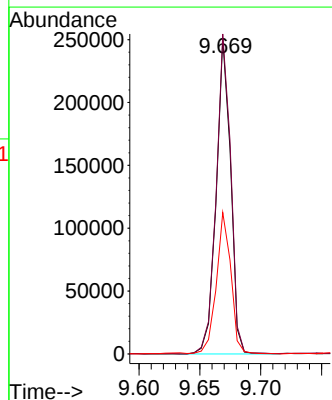
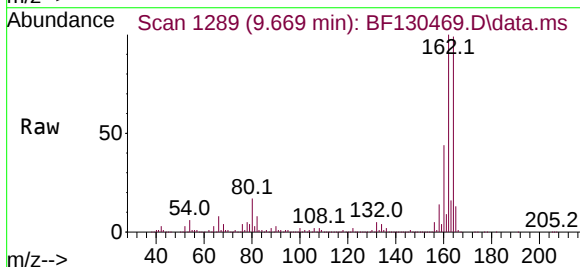
Instrument :  
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 ClientSampleId :  
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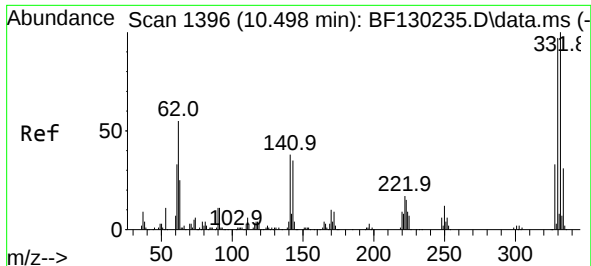
Tgt Ion: 82 Resp: 653733  
 Ion Ratio Lower Upper  
 82 100  
 128 44.6 32.6 49.0  
 54 50.8 43.8 65.6



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.669 min Scan# 1289  
 Delta R.T. -0.012 min  
 Lab File: BF130469.D  
 Acq: 29 Sep 2022 16:23

Tgt Ion: 164 Resp: 205966  
 Ion Ratio Lower Upper  
 164 100  
 162 101.5 81.4 122.0  
 160 44.8 36.2 54.4

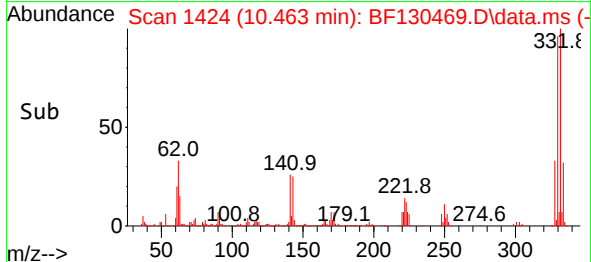
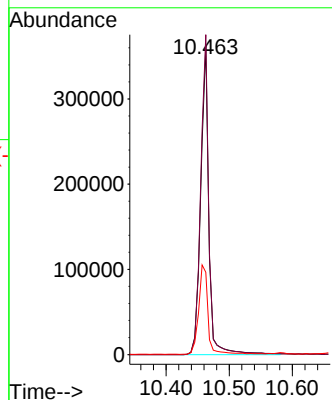
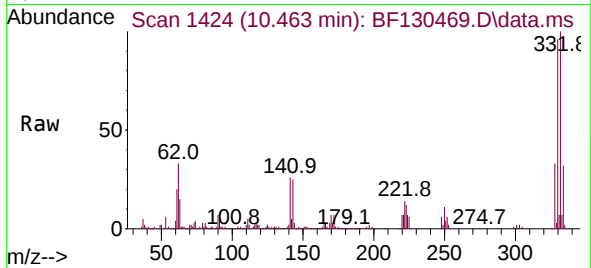




#42  
2,4,6-Tribromophenol  
Concen: 165.189 ng  
RT: 10.463 min Scan# 1424  
Delta R.T. -0.006 min  
Lab File: BF130469.D  
Acq: 29 Sep 2022 16:23

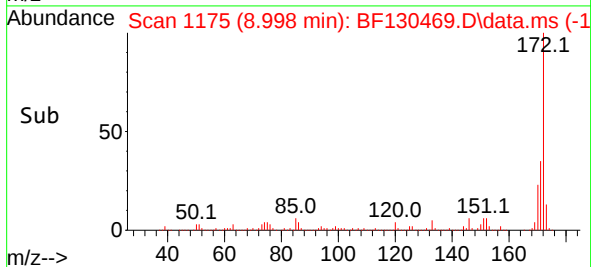
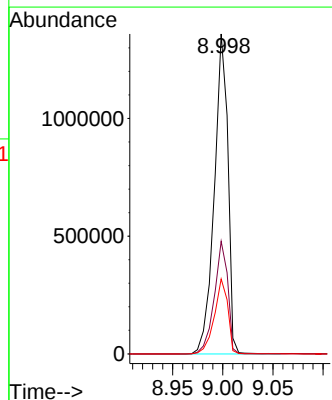
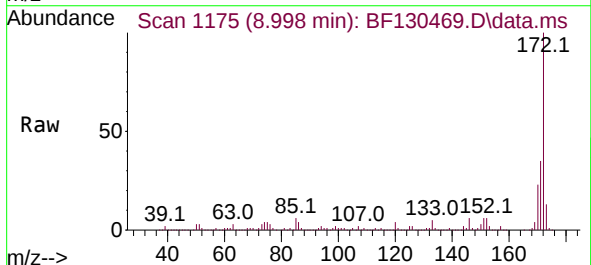
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ClientSampleId :  
A2720

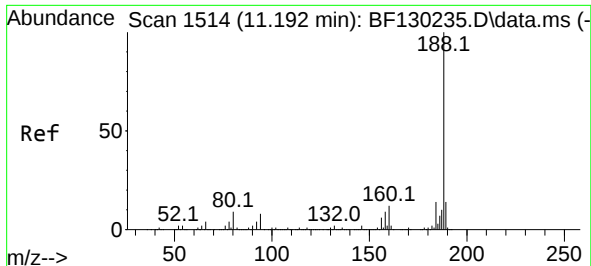
Tgt Ion:330 Resp: 326009  
Ion Ratio Lower Upper  
330 100  
332 104.8 83.4 125.2  
141 33.1 34.0 51.0#



#45  
2-Fluorobiphenyl  
Concen: 90.638 ng  
RT: 8.998 min Scan# 1175  
Delta R.T. -0.012 min  
Lab File: BF130469.D  
Acq: 29 Sep 2022 16:23

Tgt Ion:172 Resp: 1281998  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.3 42.5  
170 23.4 18.7 28.1

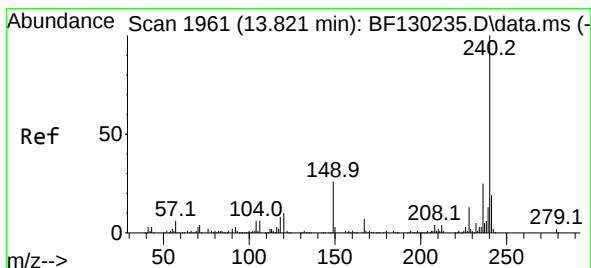
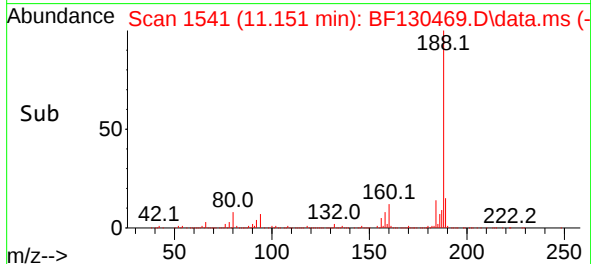
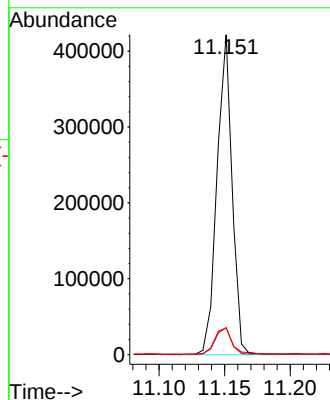
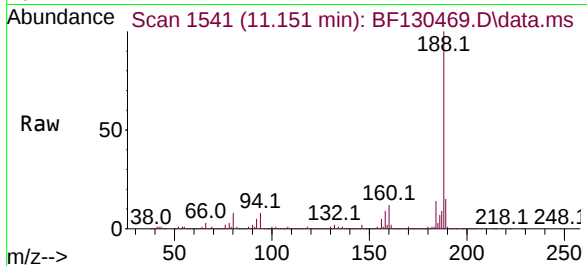




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.151 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF130469.D  
Acq: 29 Sep 2022 16:23

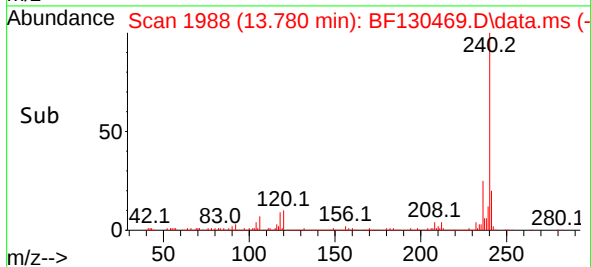
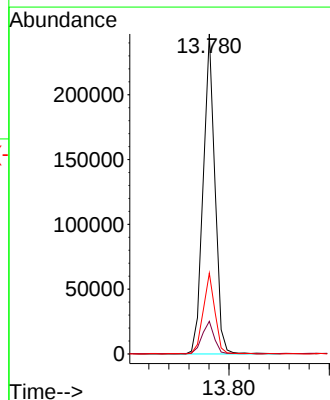
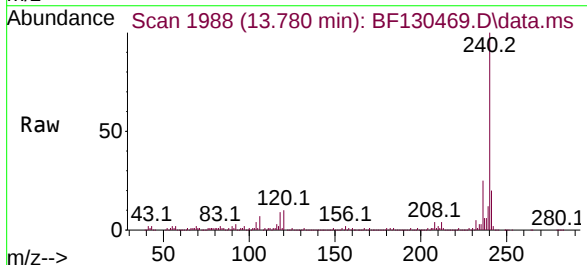
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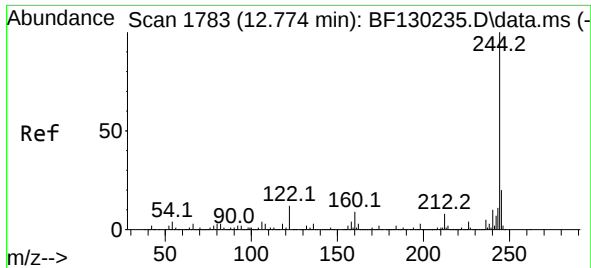
Tgt Ion:188 Resp: 338822  
Ion Ratio Lower Upper  
188 100  
94 8.4 7.4 11.2  
80 8.3 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.780 min Scan# 1988  
Delta R.T. -0.012 min  
Lab File: BF130469.D  
Acq: 29 Sep 2022 16:23

Tgt Ion:240 Resp: 200174  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.7 13.1  
236 25.2 20.9 31.3

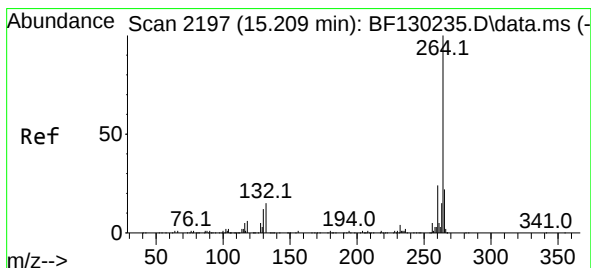
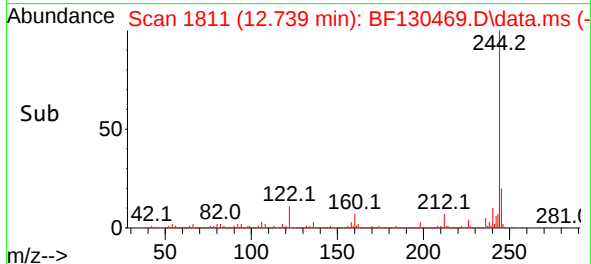
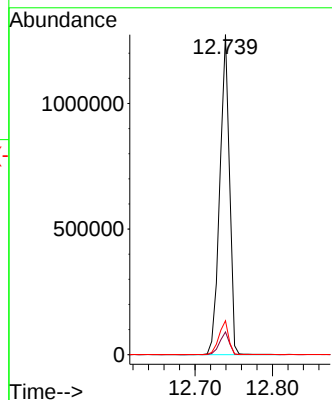
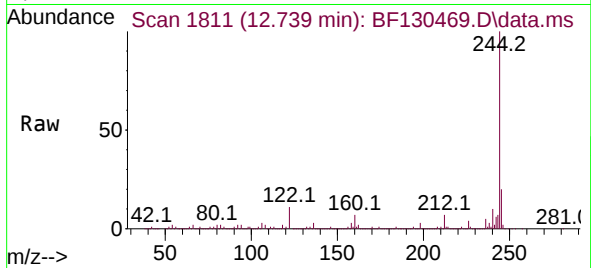




#79  
 Terphenyl-d14  
 Concen: 91.238 ng  
 RT: 12.739 min Scan# 1811  
 Delta R.T. -0.006 min  
 Lab File: BF130469.D  
 Acq: 29 Sep 2022 16:23

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A2720

Tgt Ion:244 Resp: 1102539  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.9 8.9  
 122 10.6 8.5 12.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.168 min Scan# 2224  
 Delta R.T. -0.006 min  
 Lab File: BF130469.D  
 Acq: 29 Sep 2022 16:23

Tgt Ion:264 Resp: 179028  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.3 28.9  
 265 21.5 17.0 25.4

