

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052322\  
 Data File : BF128401.D  
 Acq On : 23 May 2022 15:34  
 Operator : CG\JU  
 Sample : N2982-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P-2

Quant Time: May 24 01:22:45 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 21 05:28:09 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 93859    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.139  | 136  | 355622   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.898  | 164  | 196748   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.392 | 188  | 359973   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 256737   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.527 | 264  | 190853   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 537945   | 91.208 | ng    | 0.00     |
| 7) Phenol-d6                | 6.492  | 99   | 677787   | 87.272 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 463301   | 58.372 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 173904   | 85.707 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 710495   | 59.055 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.974 | 244  | 785480   | 59.061 | ng    | 0.00     |

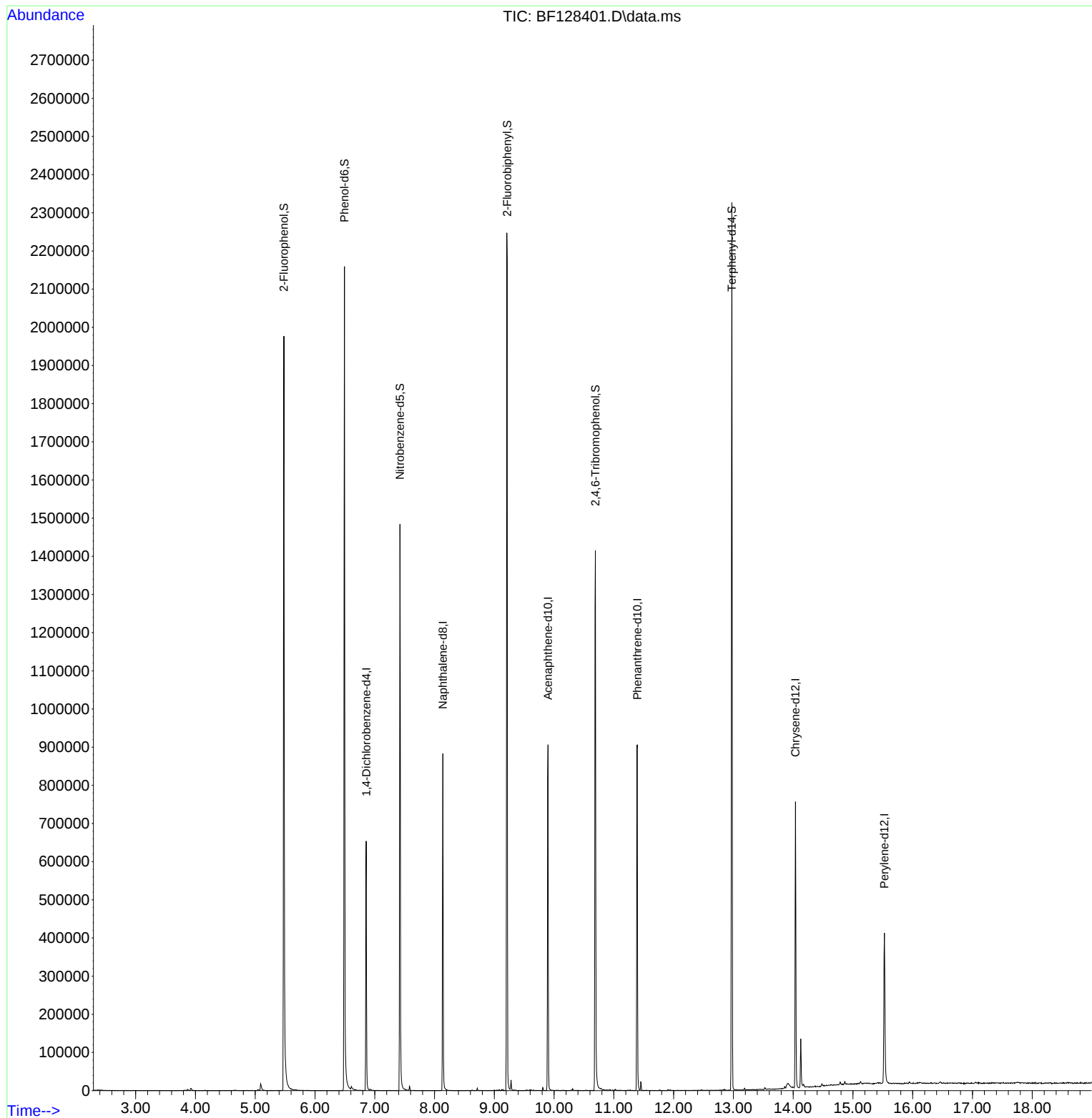
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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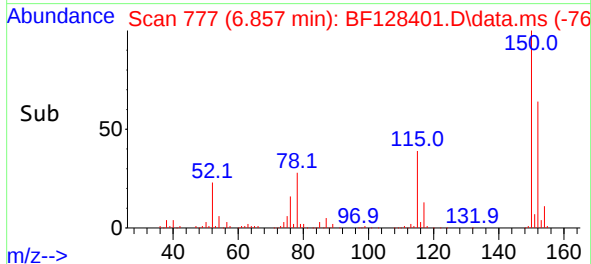
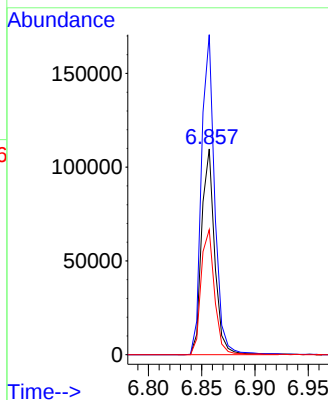
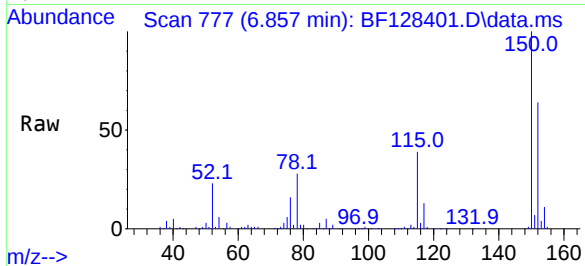




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

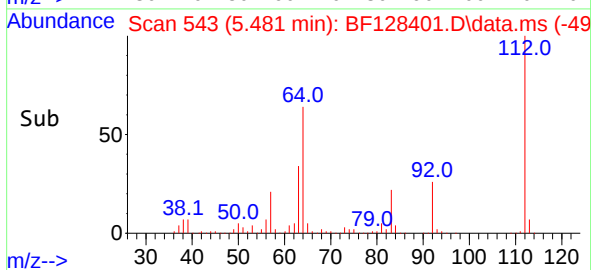
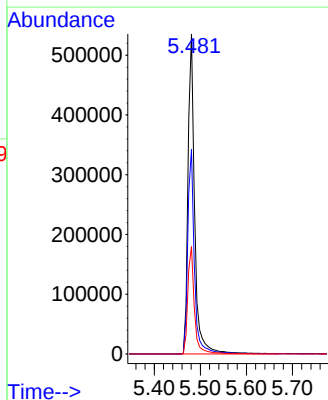
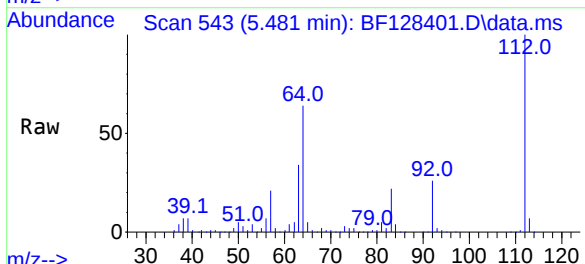
Instrument :  
BNA\_F  
ClientSampleId :  
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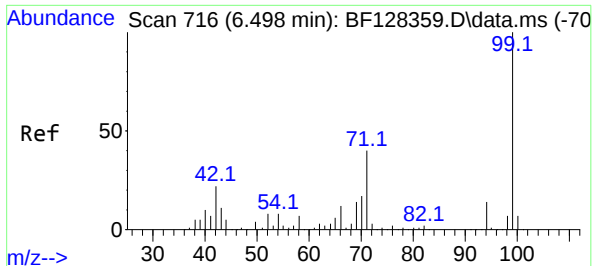
Tgt Ion:152 Resp: 93859  
Ion Ratio Lower Upper  
152 100  
150 155.5 125.3 187.9  
115 60.7 48.8 73.2



#5  
2-Fluorophenol  
Concen: 91.208 ng  
RT: 5.481 min Scan# 543  
Delta R.T. -0.000 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

Tgt Ion:112 Resp: 537945  
Ion Ratio Lower Upper  
112 100  
64 63.9 49.5 74.3  
63 33.6 26.3 39.5

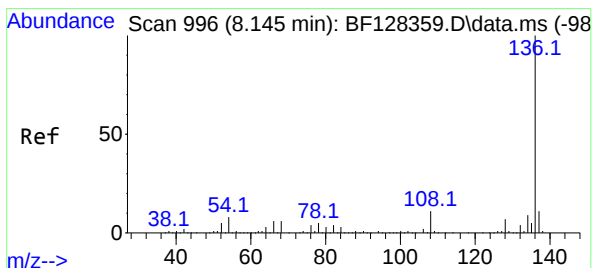
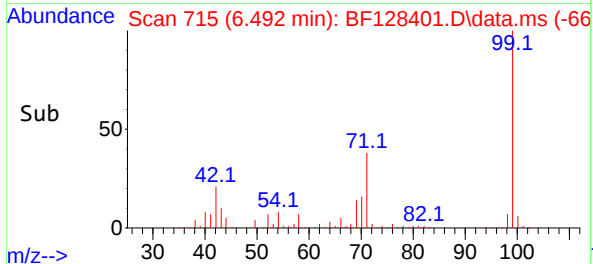
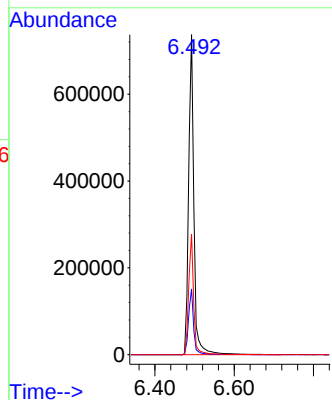
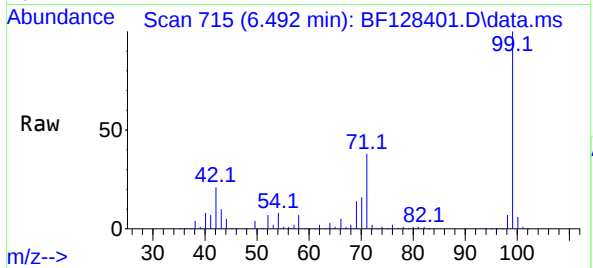




#7  
Phenol-d6  
Concen: 87.272 ng  
RT: 6.492 min Scan# 715  
Delta R.T. -0.006 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

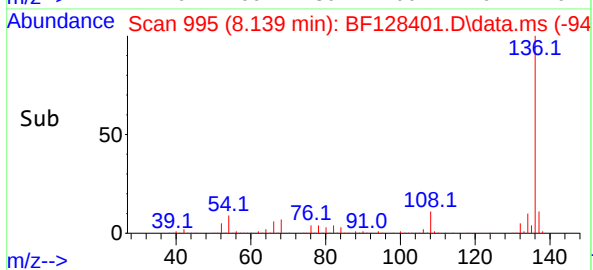
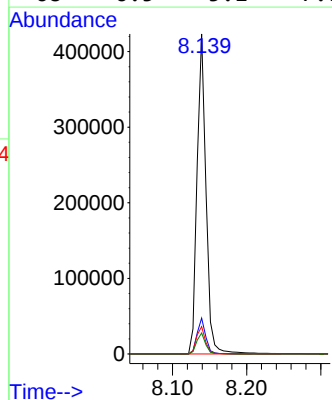
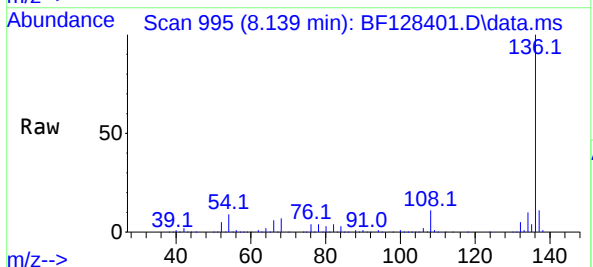
Instrument :  
BNA\_F  
ClientSampleId :  
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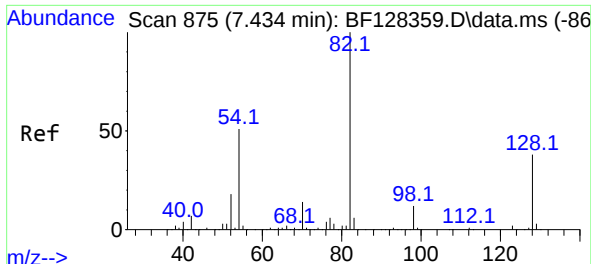
Tgt Ion: 99 Resp: 677787  
Ion Ratio Lower Upper  
99 100  
42 20.6 16.6 24.8  
71 37.7 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

Tgt Ion: 136 Resp: 355622  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 8.6 6.8 10.2  
68 6.5 5.1 7.7

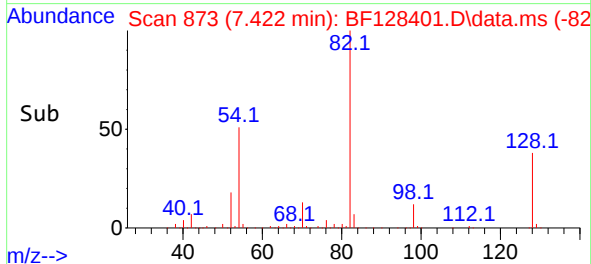
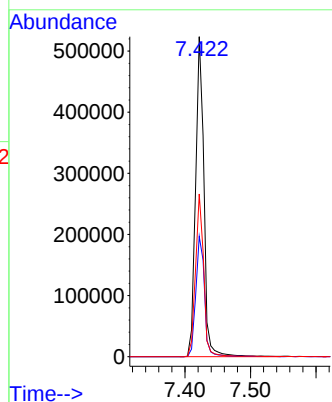
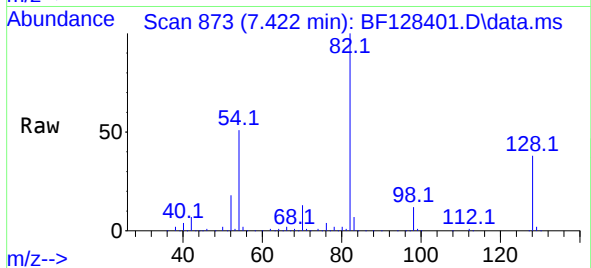




#23  
Nitrobenzene-d5  
Concen: 58.372 ng  
RT: 7.422 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

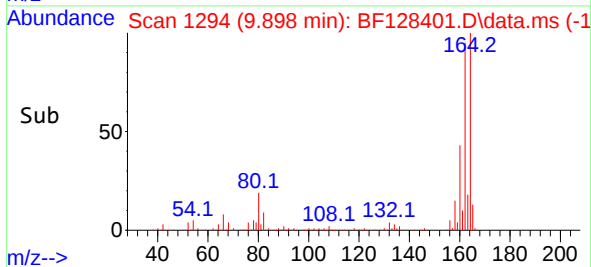
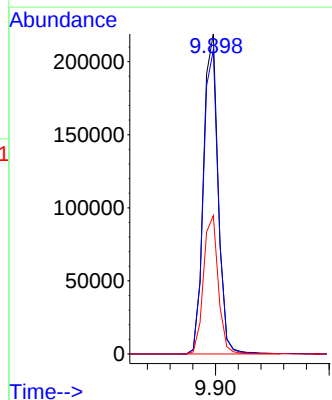
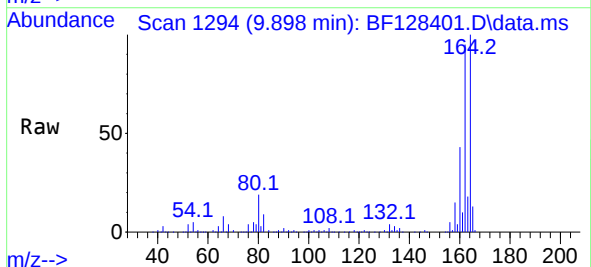
Instrument :  
BNA\_F  
ClientSampleId :  
P-2

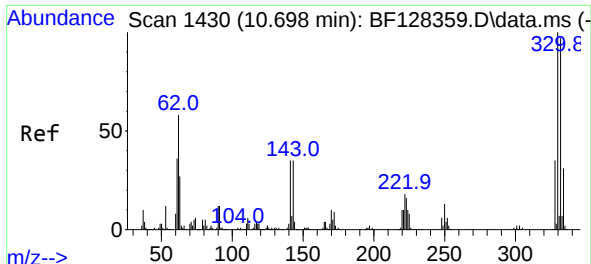
Tgt Ion: 82 Resp: 463301  
Ion Ratio Lower Upper  
82 100  
128 37.6 30.0 45.0  
54 50.8 41.3 61.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.898 min Scan# 1294  
Delta R.T. -0.006 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

Tgt Ion:164 Resp: 196748  
Ion Ratio Lower Upper  
164 100  
162 94.9 76.0 114.0  
160 43.2 34.8 52.2

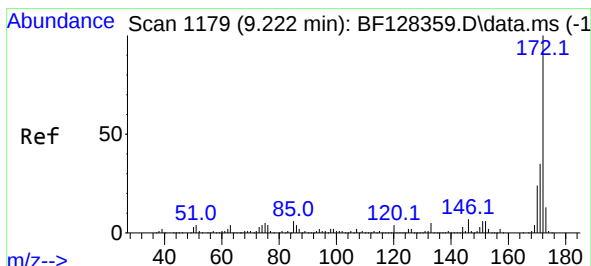
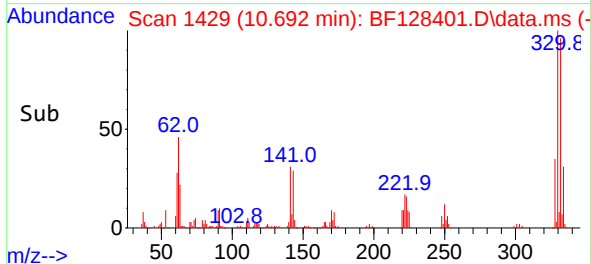
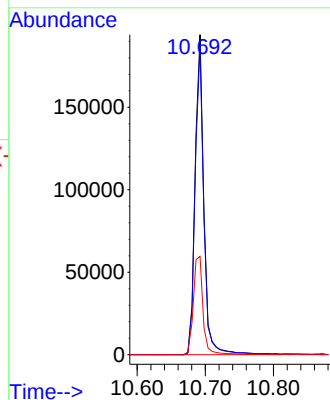
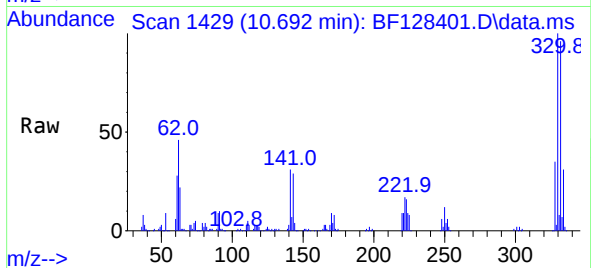




#42  
2,4,6-Tribromophenol  
Concen: 85.707 ng  
RT: 10.692 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

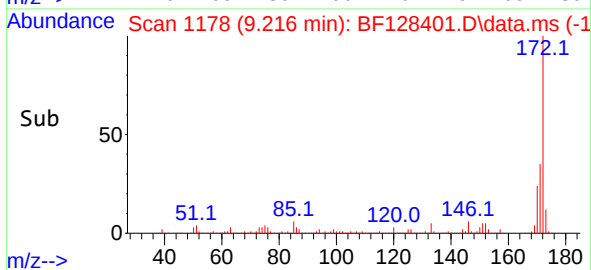
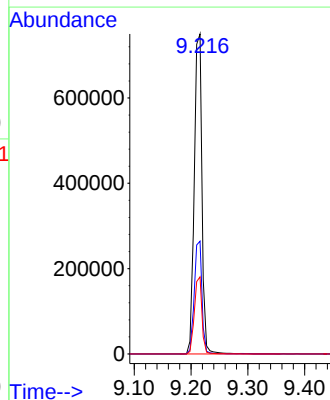
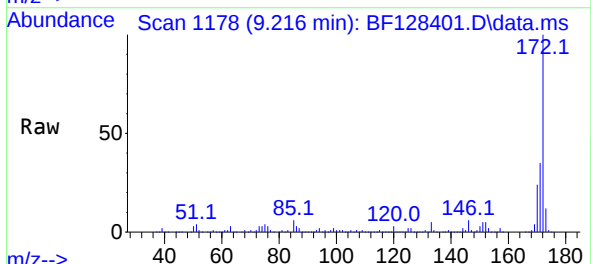
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Tgt Ion:330 Resp: 173904  
Ion Ratio Lower Upper  
330 100  
332 95.8 79.0 118.4  
141 33.8 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 59.055 ng  
RT: 9.216 min Scan# 1178  
Delta R.T. -0.006 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

Tgt Ion:172 Resp: 710495  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.6 42.8  
170 24.1 19.1 28.7

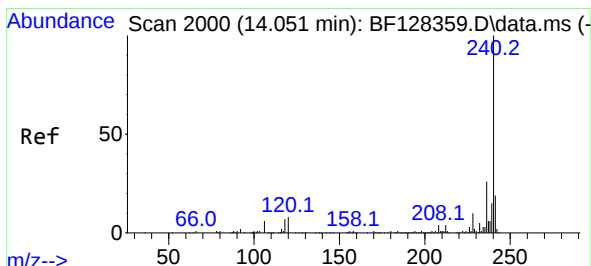
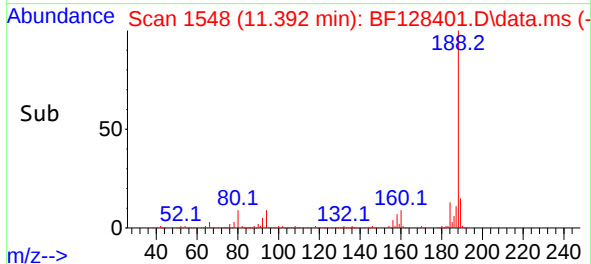
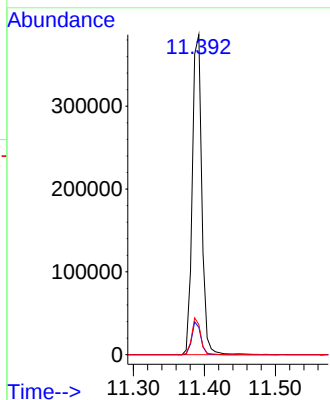
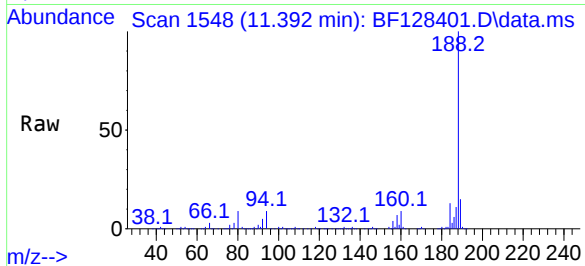




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.392 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

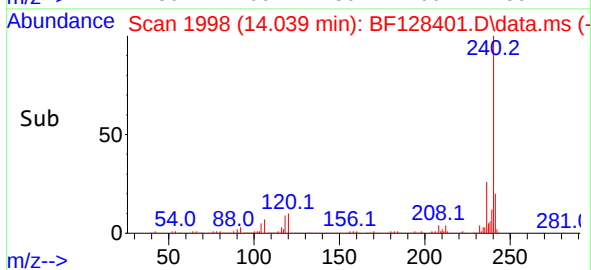
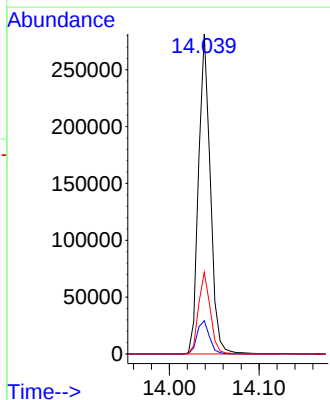
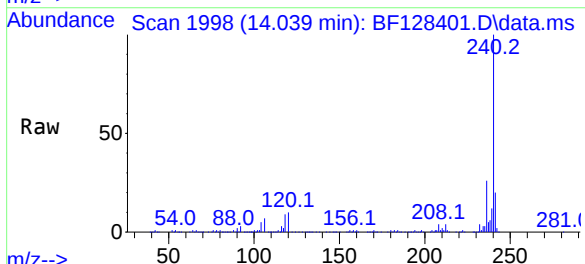
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:188 Resp: 359973  
Ion Ratio Lower Upper  
188 100  
94 8.5 8.0 12.0  
80 9.4 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.012 min  
Lab File: BF128401.D  
Acq: 23 May 2022 15:34

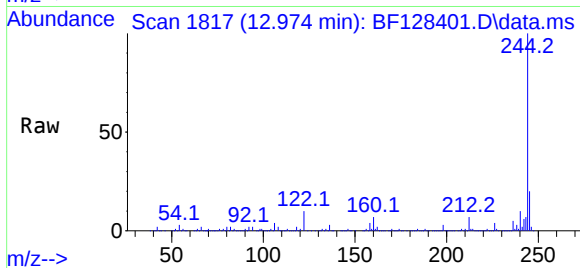
Tgt Ion:240 Resp: 256737  
Ion Ratio Lower Upper  
240 100  
120 10.4 7.0 10.6  
236 25.6 20.3 30.5



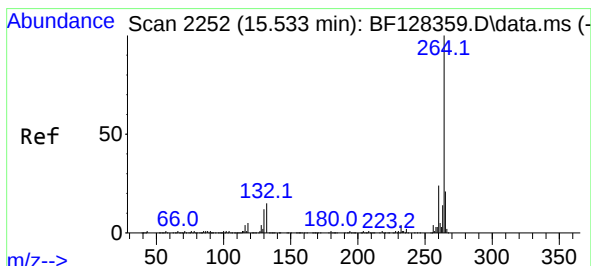
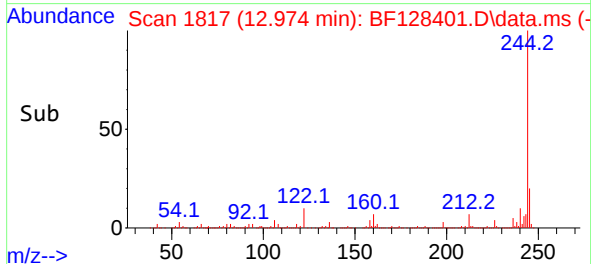
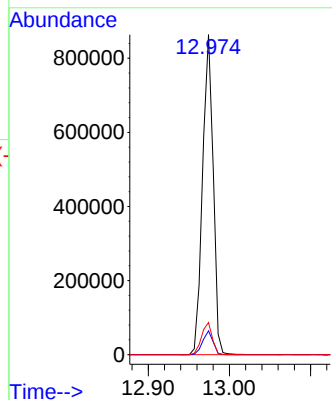


#79  
 Terphenyl-d14  
 Concen: 59.061 ng  
 RT: 12.974 min Scan# 1817  
 Delta R.T. -0.006 min  
 Lab File: BF128401.D  
 Acq: 23 May 2022 15:34

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 785480  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.4  
 122 10.0 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2251  
 Delta R.T. -0.006 min  
 Lab File: BF128401.D  
 Acq: 23 May 2022 15:34

Tgt Ion:264 Resp: 190853  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 20.1 30.1  
 265 21.4 17.5 26.3

