

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110422\  
 Data File : BF131003.D  
 Acq On : 04 Nov 2022 21:58  
 Operator : CG\JU  
 Sample : N5340-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-9-102722

Quant Time: Nov 05 00:40:13 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF102722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 04 06:20:24 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.910  | 152  | 56740    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.192  | 136  | 237658   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.957  | 164  | 103053   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.451 | 188  | 185048   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.098 | 240  | 146066   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.604 | 264  | 119020   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 21177    | 6.470   | ng    | 0.00     |
| 7) Phenol-d6                | 6.528  | 99   | 99226    | 23.330  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.475  | 82   | 424623   | 107.736 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.745 | 330  | 2873     | 3.312   | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.275  | 172  | 797509   | 117.002 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.039 | 244  | 648023   | 81.297  | ng    | 0.00     |

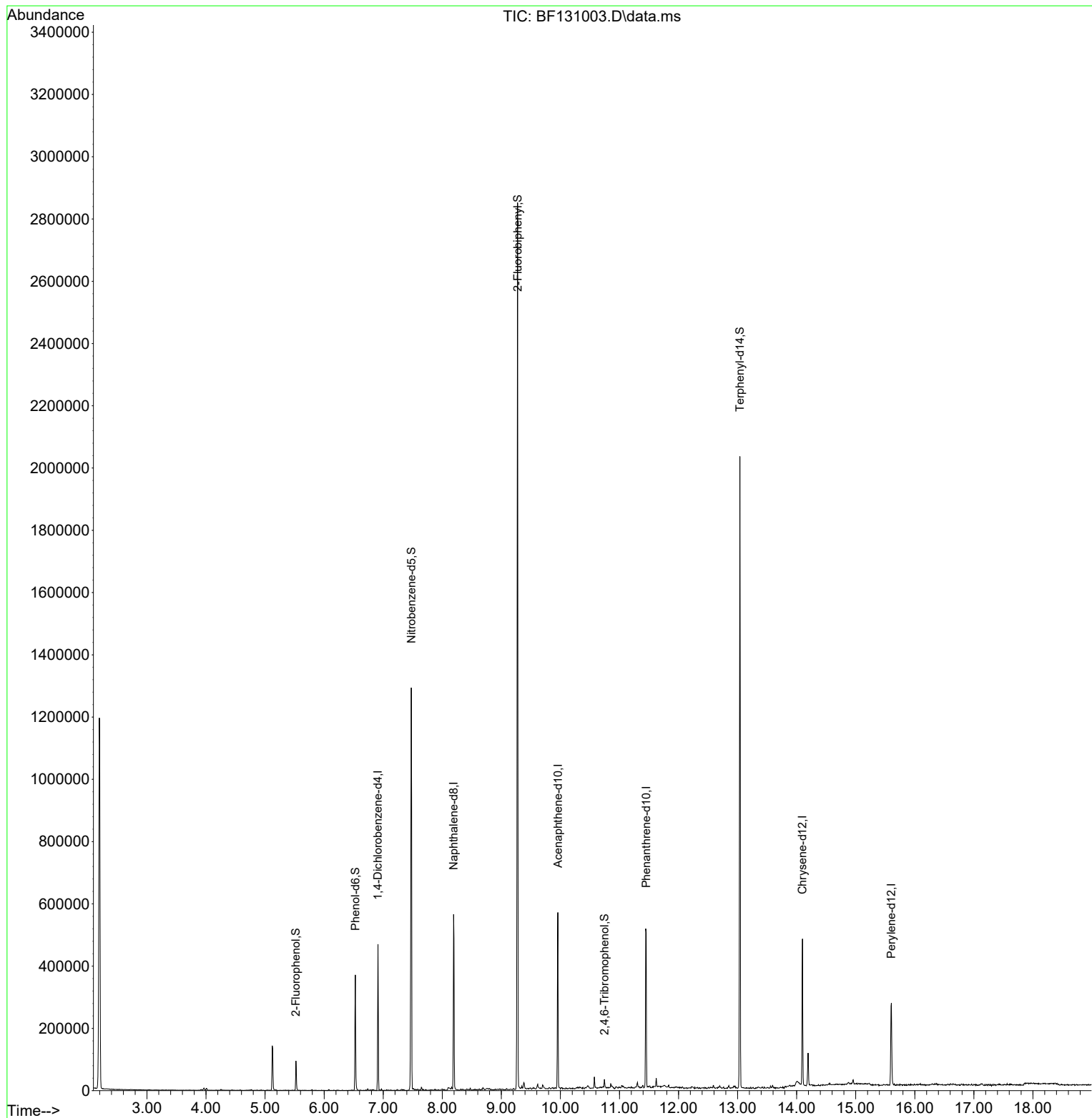
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

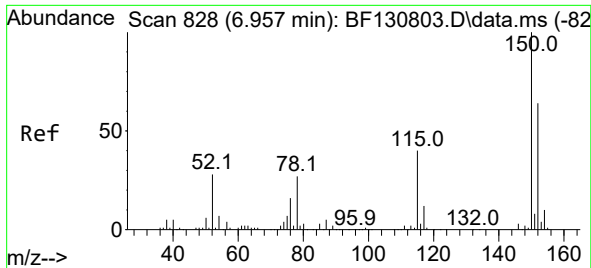
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 04 06:20:24 2022  
Response via : Initial Calibration

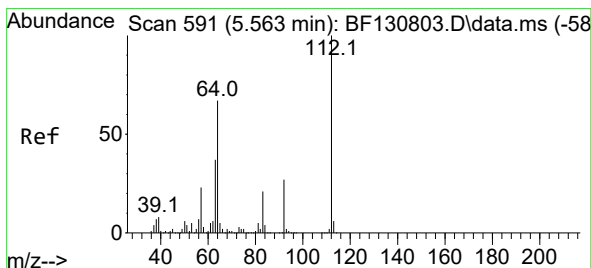
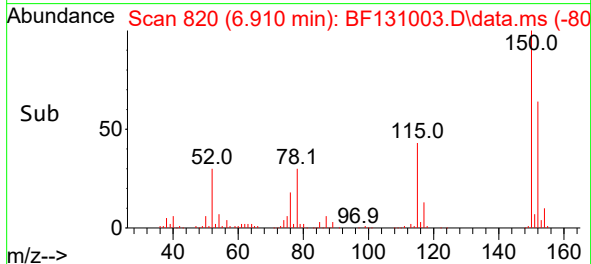
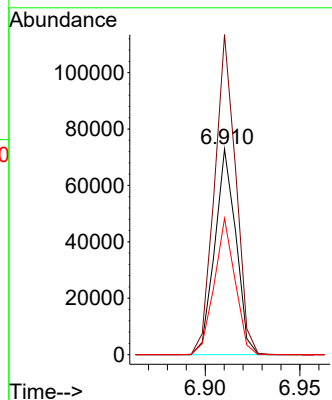
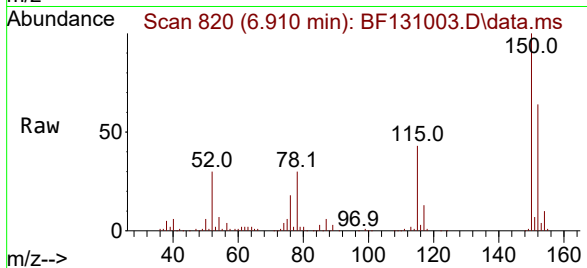




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.910 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF131003.D  
Acq: 04 Nov 2022 21:58

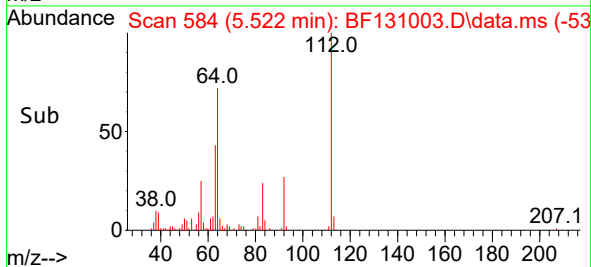
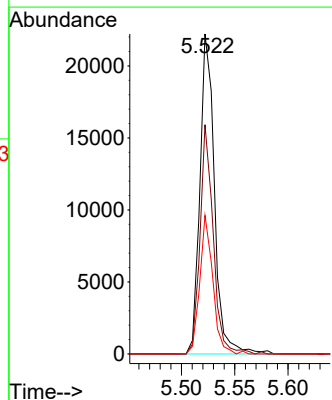
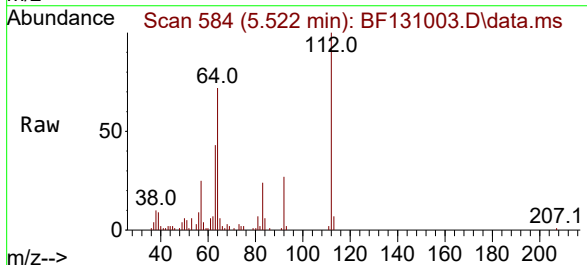
Instrument :  
BNA\_F  
ClientSampleId :  
MW-9-102722

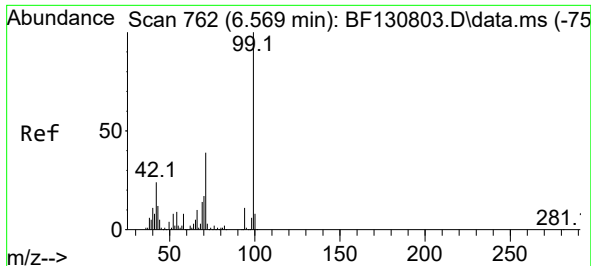
Tgt Ion:152 Resp: 56740  
Ion Ratio Lower Upper  
152 100  
150 155.7 124.1 186.1  
115 66.3 50.1 75.1



#5  
2-Fluorophenol  
Concen: 6.470 ng  
RT: 5.522 min Scan# 584  
Delta R.T. -0.006 min  
Lab File: BF131003.D  
Acq: 04 Nov 2022 21:58

Tgt Ion:112 Resp: 21177  
Ion Ratio Lower Upper  
112 100  
64 71.6 53.9 80.9  
63 43.3 29.4 44.2

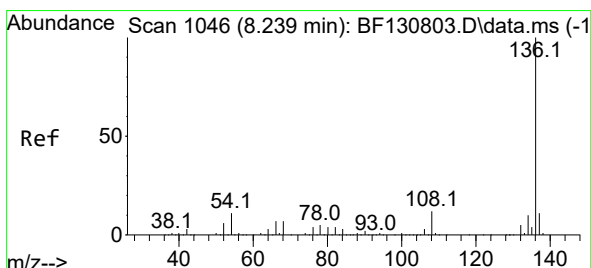
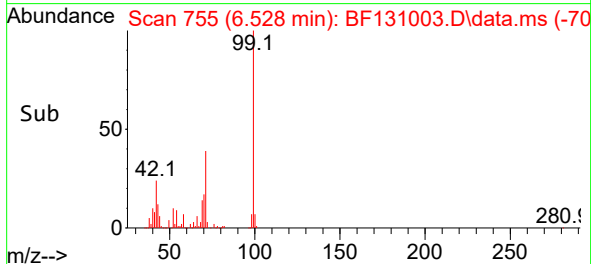
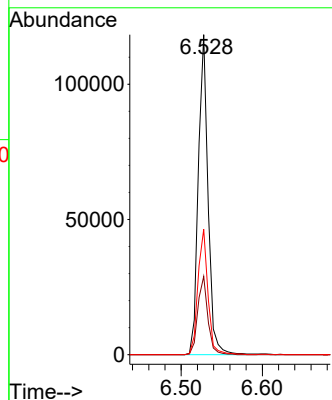
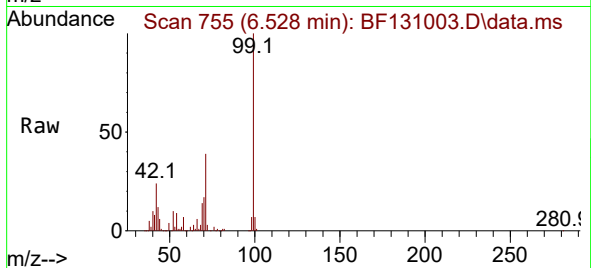




#7  
Phenol-d6  
Concen: 23.330 ng  
RT: 6.528 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF131003.D  
Acq: 04 Nov 2022 21:58

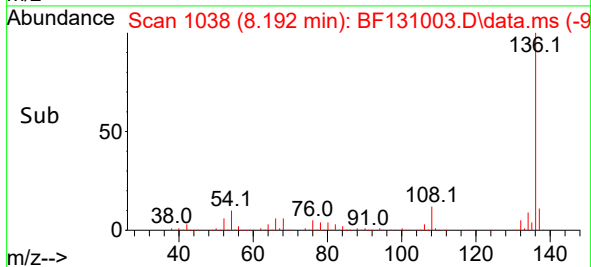
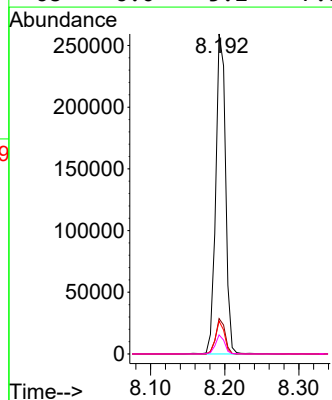
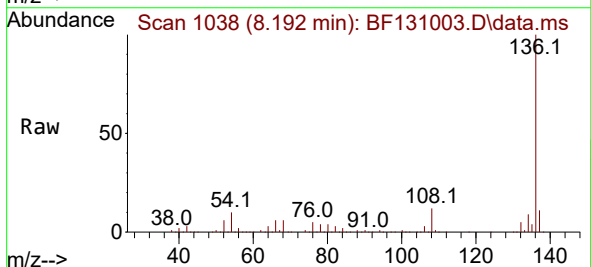
Instrument :  
BNA\_F  
ClientSampleId :  
MW-9-102722

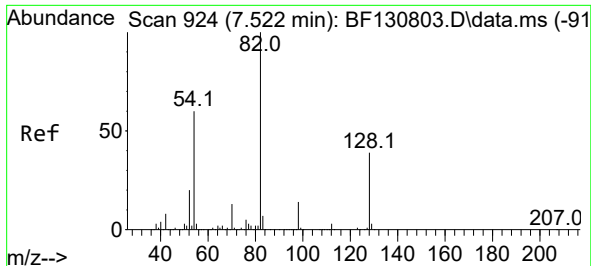
Tgt Ion: 99 Resp: 99226  
Ion Ratio Lower Upper  
99 100  
42 24.4 18.8 28.2  
71 39.2 31.4 47.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.012 min  
Lab File: BF131003.D  
Acq: 04 Nov 2022 21:58

Tgt Ion: 136 Resp: 237658  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.2 13.8  
54 10.2 8.8 13.2  
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 107.736 ng

RT: 7.475 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF131003.D

Acq: 04 Nov 2022 21:58

Instrument :

BNA\_F

ClientSampleId :

MW-9-102722

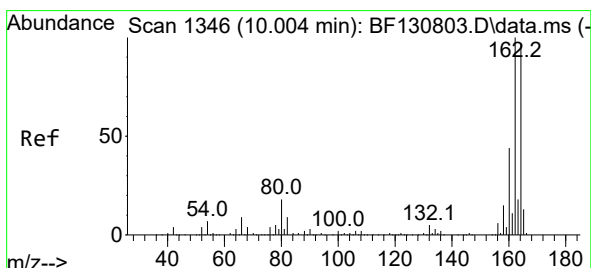
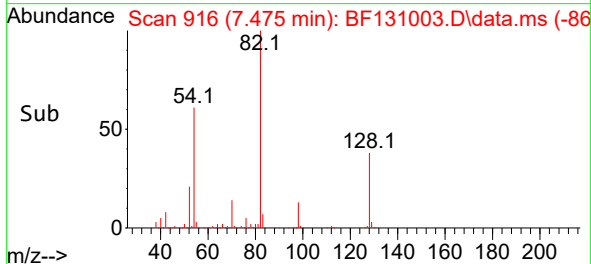
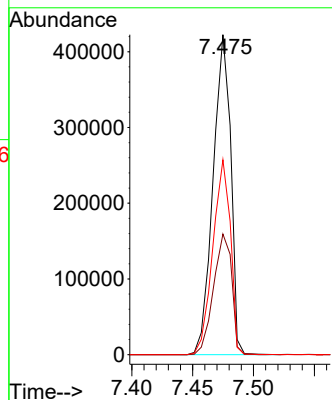
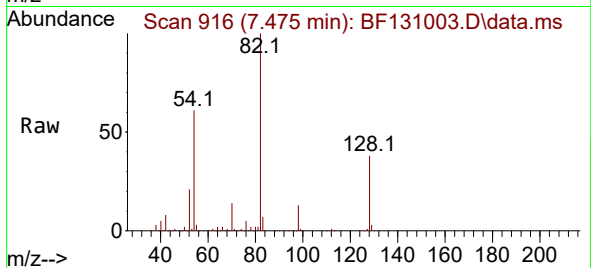
Tgt Ion: 82 Resp: 424623

Ion Ratio Lower Upper

82 100

128 37.7 31.2 46.8

54 60.9 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF131003.D

Acq: 04 Nov 2022 21:58

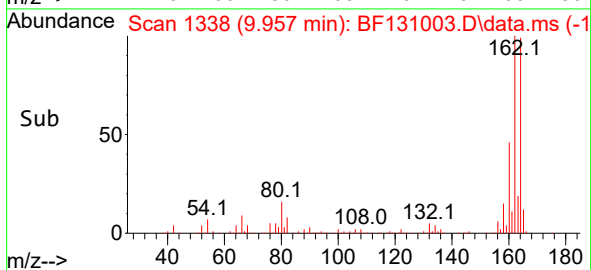
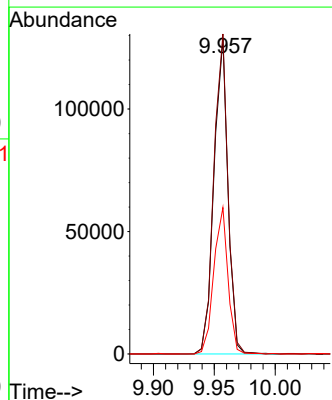
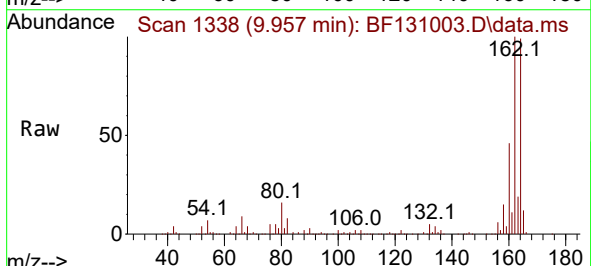
Tgt Ion:164 Resp: 103053

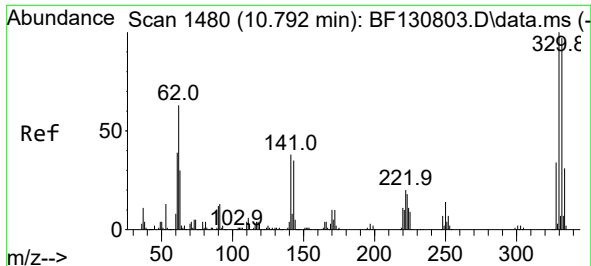
Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.2

160 46.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 3.312 ng

RT: 10.745 min Scan# 1480

Delta R.T. -0.012 min

Lab File: BF131003.D

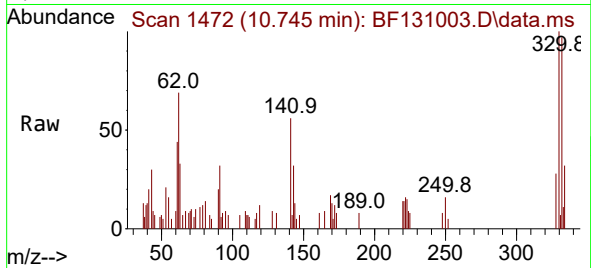
Acq: 04 Nov 2022 21:58

Instrument :

BNA\_F

ClientSampleId :

MW-9-102722



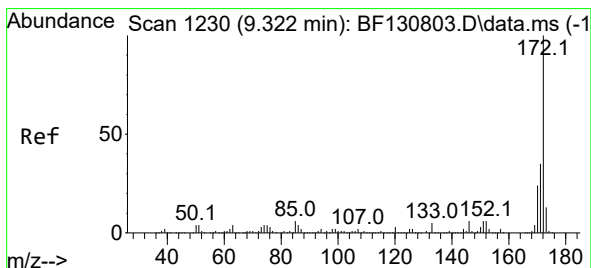
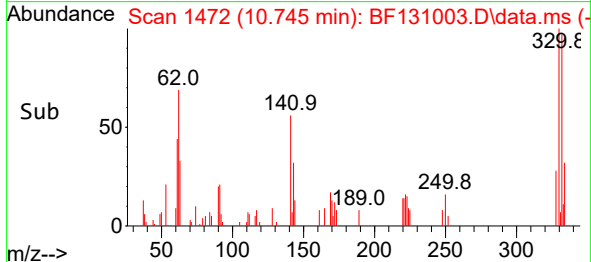
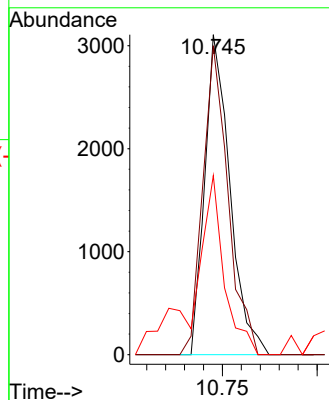
Tgt Ion:330 Resp: 2873

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 67.4 31.4 47.0#



#45

2-Fluorobiphenyl

Concen: 117.002 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF131003.D

Acq: 04 Nov 2022 21:58

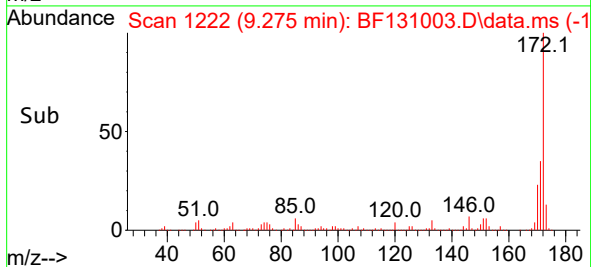
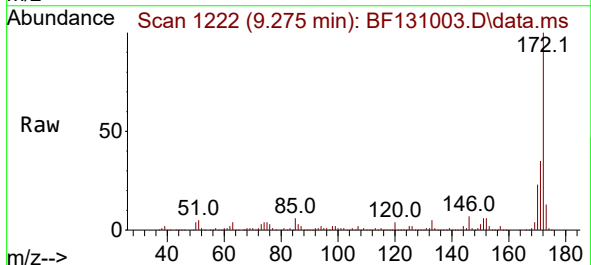
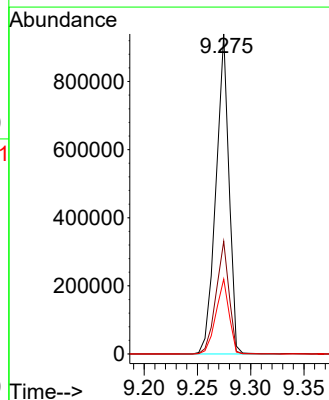
Tgt Ion:172 Resp: 797509

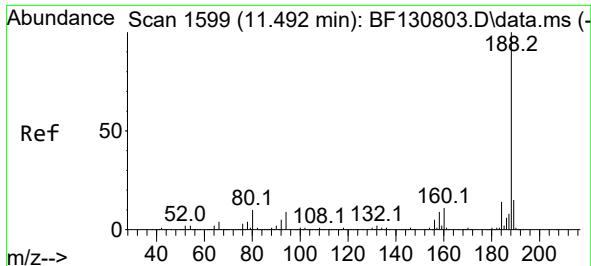
Ion Ratio Lower Upper

172 100

171 35.2 28.1 42.1

170 23.4 19.0 28.4

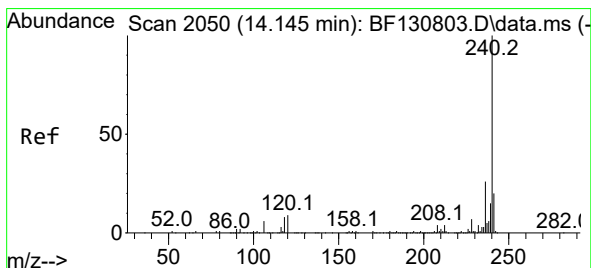
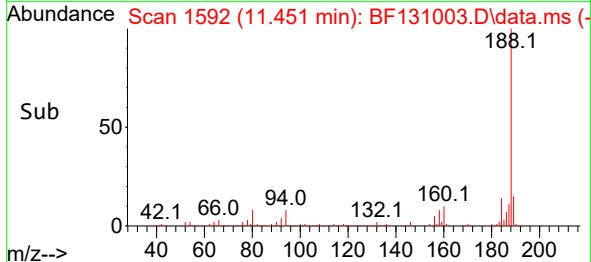
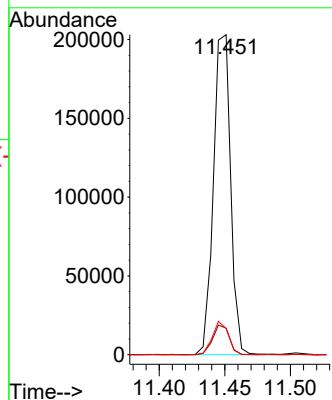
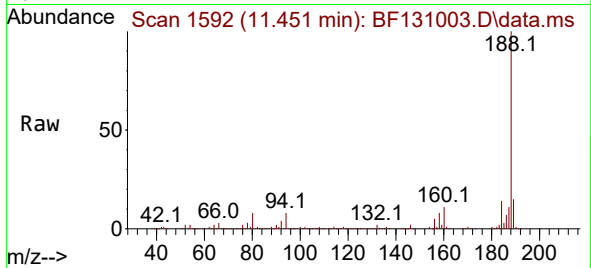




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.451 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF131003.D  
Acq: 04 Nov 2022 21:58

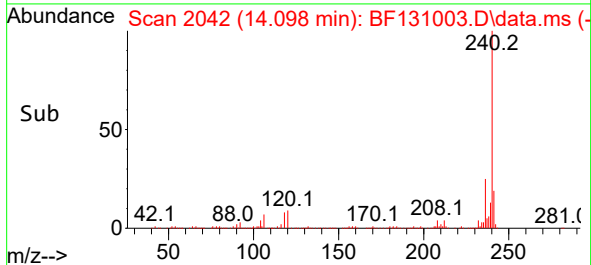
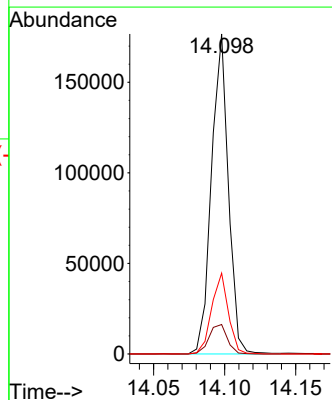
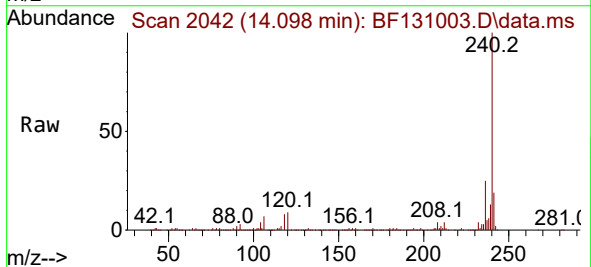
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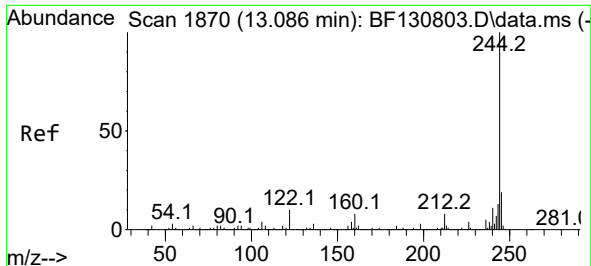
Tgt Ion:188 Resp: 185048  
Ion Ratio Lower Upper  
188 100  
94 8.3 7.4 11.2  
80 8.1 8.0 12.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. -0.006 min  
Lab File: BF131003.D  
Acq: 04 Nov 2022 21:58

Tgt Ion:240 Resp: 146066  
Ion Ratio Lower Upper  
240 100  
120 9.2 7.0 10.4  
236 25.2 20.5 30.7

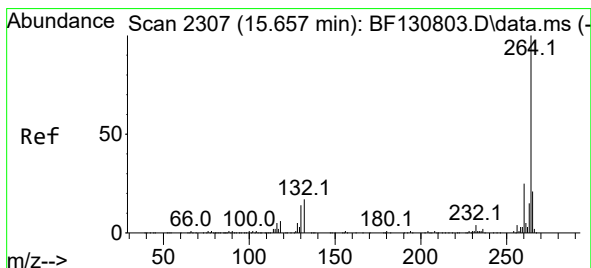
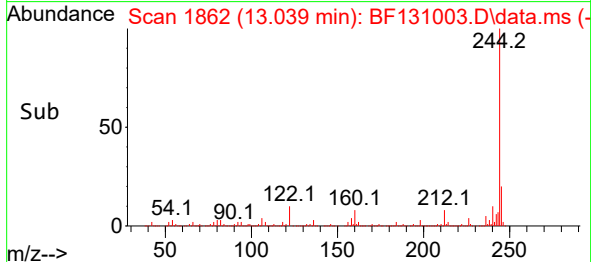
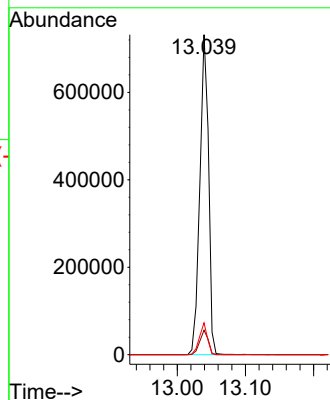
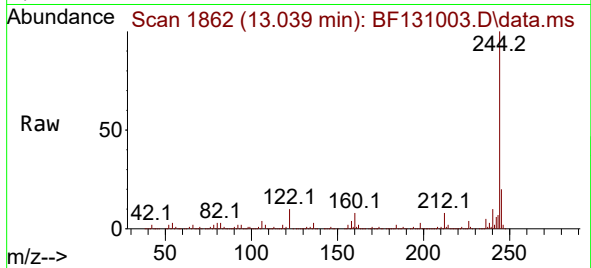




#79  
 Terphenyl-d14  
 Concen: 81.297 ng  
 RT: 13.039 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF131003.D  
 Acq: 04 Nov 2022 21:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 648023  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.2  
 122 10.0 7.9 11.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.604 min Scan# 2298  
 Delta R.T. -0.006 min  
 Lab File: BF131003.D  
 Acq: 04 Nov 2022 21:58

Tgt Ion:264 Resp: 119020  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.9 29.9  
 265 20.4 17.0 25.6

