

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF122322\  
 Data File : BF131810.D  
 Acq On : 23 Dec 2022 17:15  
 Operator : CG\JU  
 Sample : N6051-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-591

Quant Time: Dec 24 03:07:25 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF122022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 24 00:05:44 2022  
 Response via : Initial Calibration

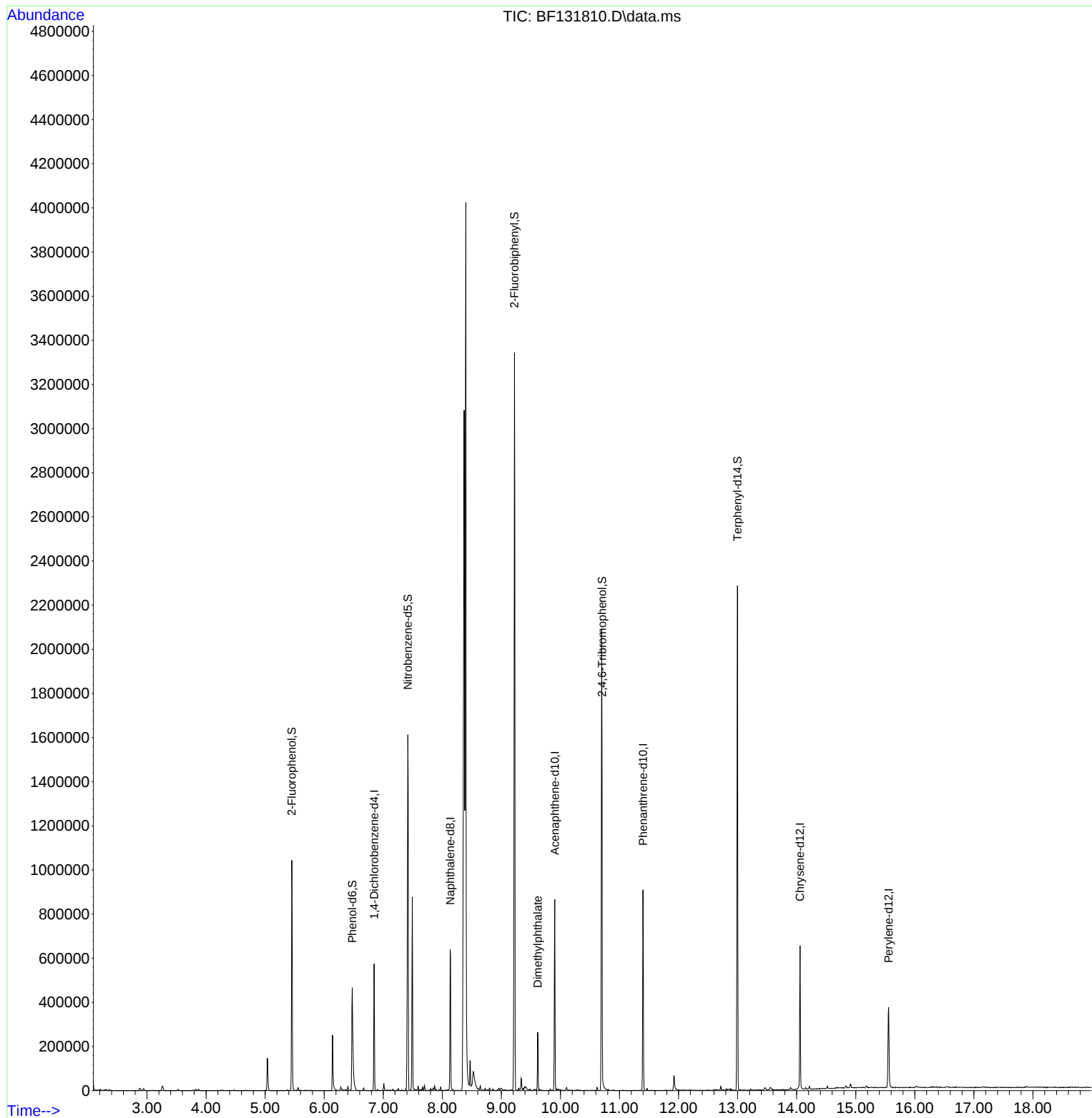
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 73887    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.133  | 136  | 268071   | 20.000  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.904  | 164  | 158200   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.398 | 188  | 307666   | 20.000  | ng    | -0.01     |
| 76) Chrysene-d12            | 14.057 | 240  | 194930   | 20.000  | ng    | -0.01     |
| 86) Perylene-d12            | 15.557 | 264  | 176464   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.451  | 112  | 251984   | 57.427  | ng    | 0.00      |
| 7) Phenol-d6                | 6.475  | 99   | 223126   | 37.780  | ng    | -0.01     |
| 23) Nitrobenzene-d5         | 7.416  | 82   | 609251   | 92.264  | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 238134   | 137.526 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.222  | 172  | 1056593  | 93.559  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.998 | 244  | 737376   | 58.955  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 50) Dimethylphthalate       | 9.616  | 163  | 86777    | 7.290   | ng    | Qvalue 98 |
| -----                       |        |      |          |         |       |           |

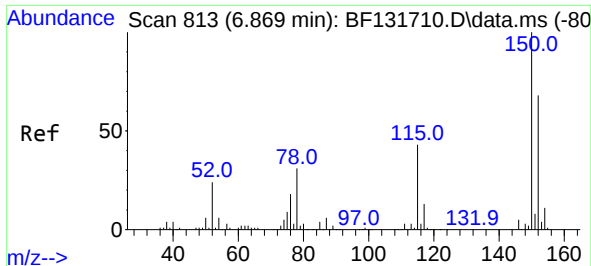
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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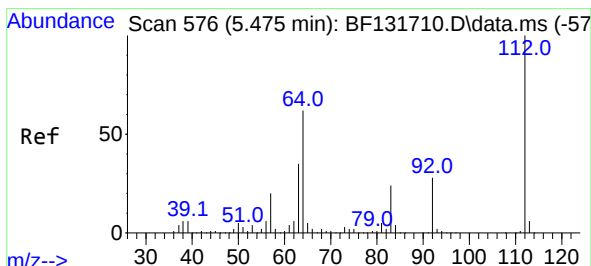
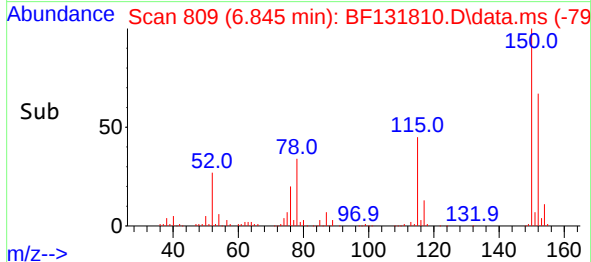
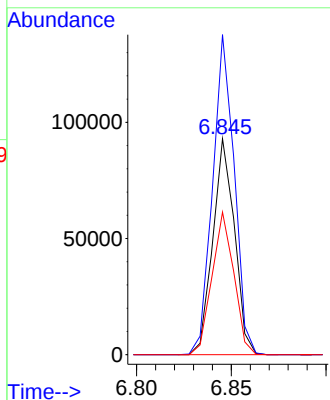
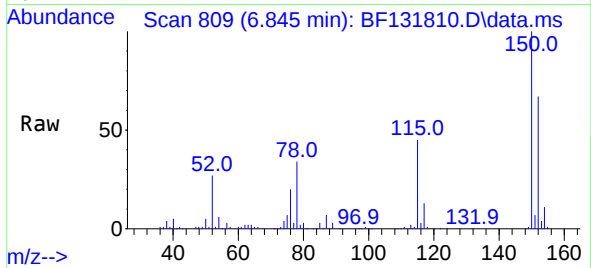




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

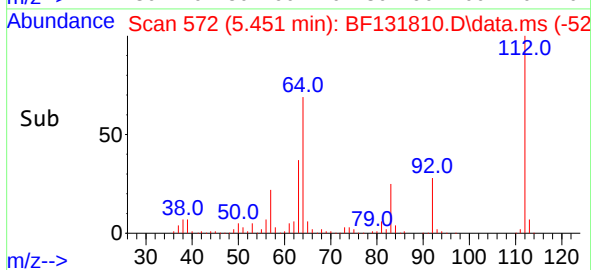
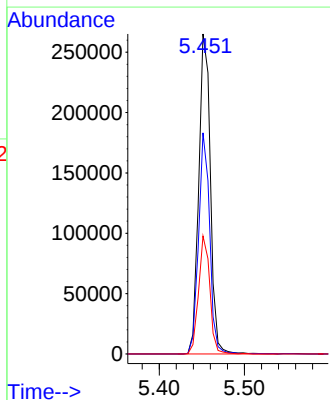
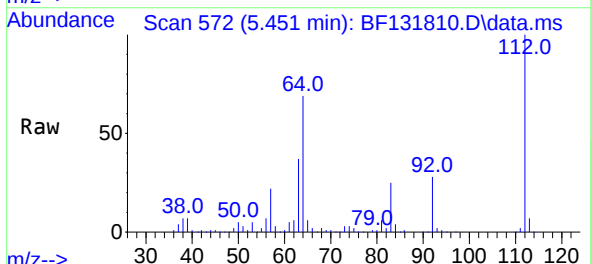
Instrument :  
BNA\_F  
ClientSampleId :  
SP-591

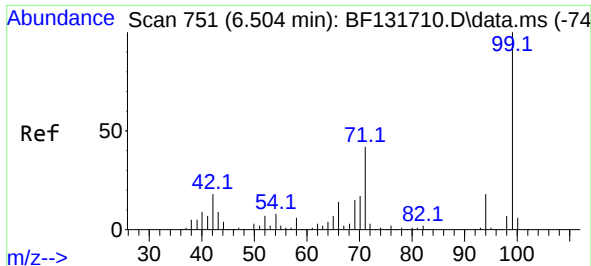
Tgt Ion:152 Resp: 73887  
Ion Ratio Lower Upper  
152 100  
150 148.2 117.4 176.0  
115 66.0 50.2 75.4



#5  
2-Fluorophenol  
Concen: 57.427 ng  
RT: 5.451 min Scan# 572  
Delta R.T. -0.006 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

Tgt Ion:112 Resp: 251984  
Ion Ratio Lower Upper  
112 100  
64 69.1 49.5 74.3  
63 36.9 28.2 42.2

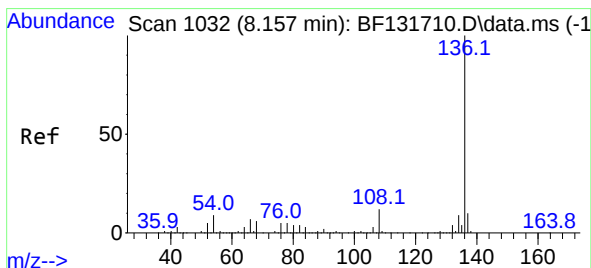
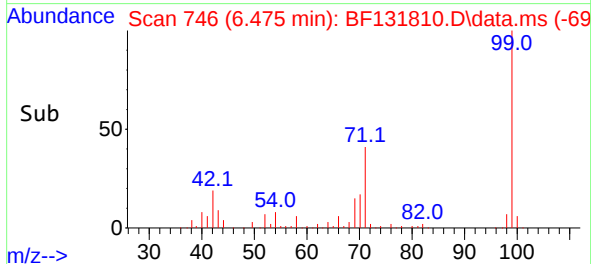
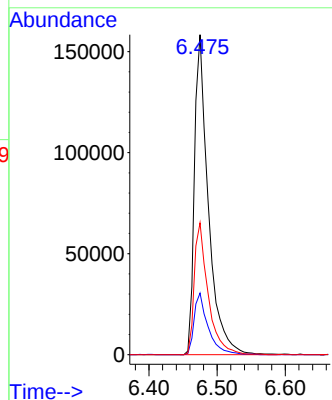
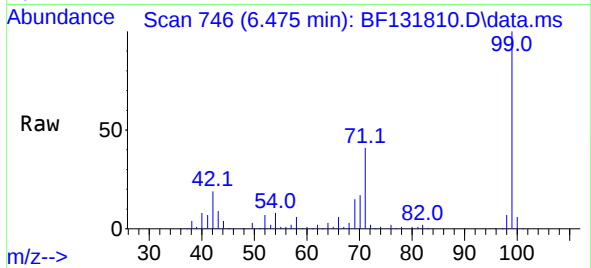




#7  
Phenol-d6  
Concen: 37.780 ng  
RT: 6.475 min Scan# 74  
Delta R.T. -0.012 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

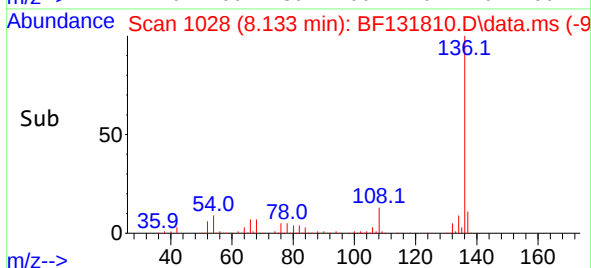
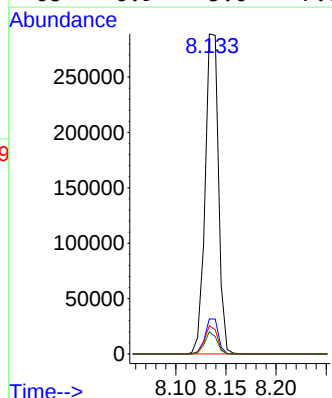
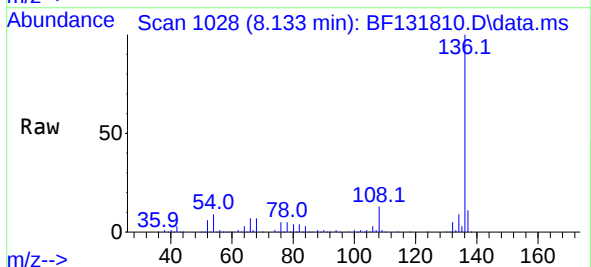
Instrument :  
BNA\_F  
ClientSampleId :  
SP-591

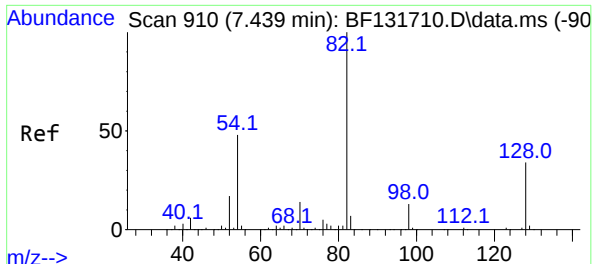
Tgt Ion: 99 Resp: 223126  
Ion Ratio Lower Upper  
99 100  
42 19.3 14.8 22.2  
71 41.2 33.8 50.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.133 min Scan# 1028  
Delta R.T. -0.012 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

Tgt Ion:136 Resp: 268071  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.4 12.6  
54 8.8 7.2 10.8  
68 6.9 5.0 7.6

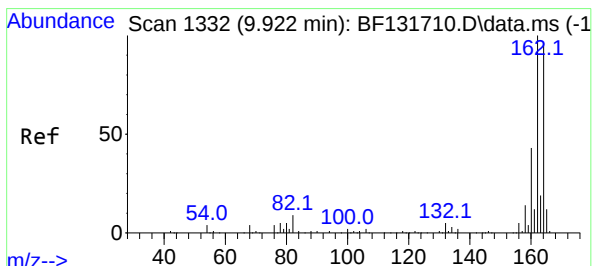
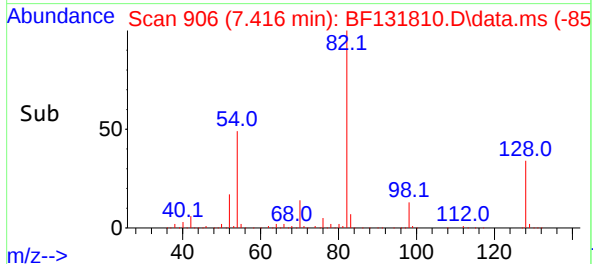
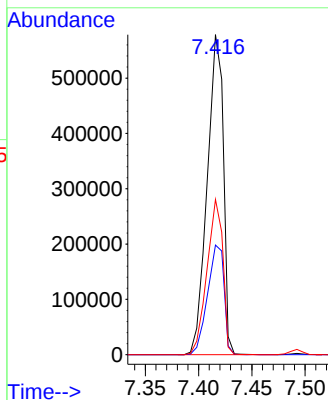
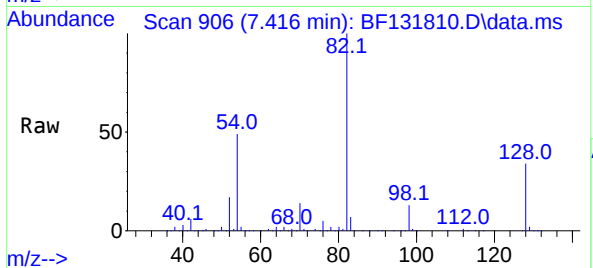




#23  
 Nitrobenzene-d5  
 Concen: 92.264 ng  
 RT: 7.416 min Scan# 90  
 Delta R.T. -0.012 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

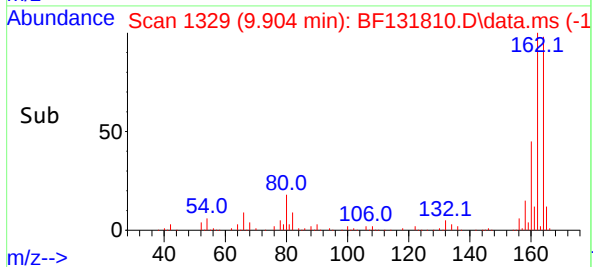
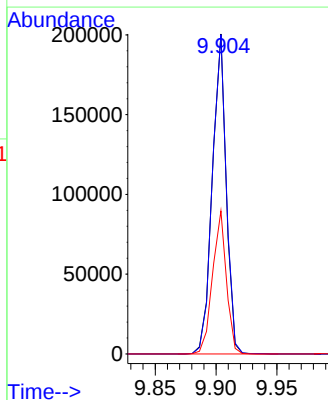
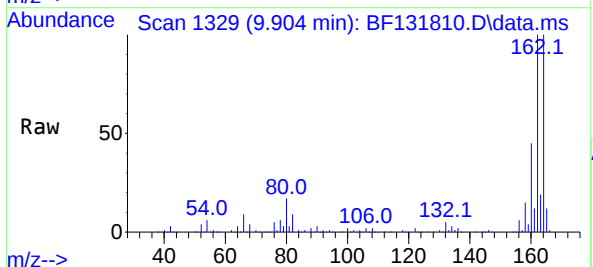
Instrument :  
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 ClientSampleId :  
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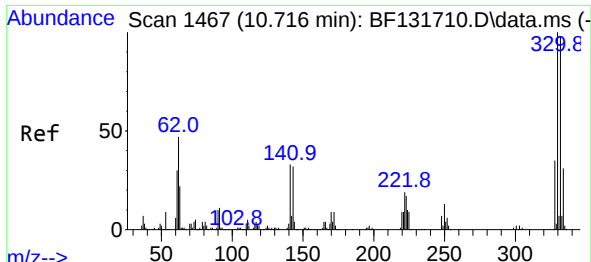
Tgt Ion: 82 Resp: 609251  
 Ion Ratio Lower Upper  
 82 100  
 128 34.3 27.3 40.9  
 54 48.5 38.2 57.2



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.904 min Scan# 1329  
 Delta R.T. -0.006 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Tgt Ion:164 Resp: 158200  
 Ion Ratio Lower Upper  
 164 100  
 162 99.8 83.7 125.5  
 160 44.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 137.526 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF131810.D

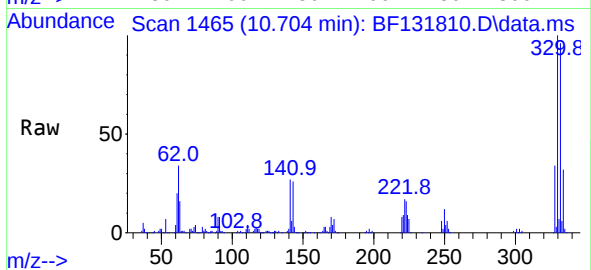
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Instrument :

BNA\_F

ClientSampleId :

SP-591



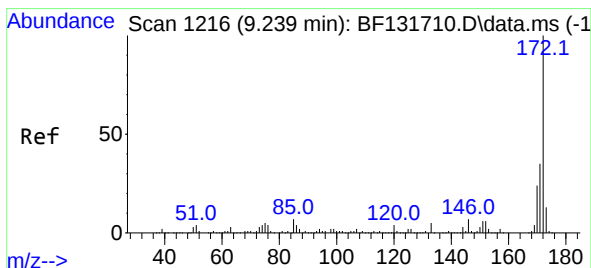
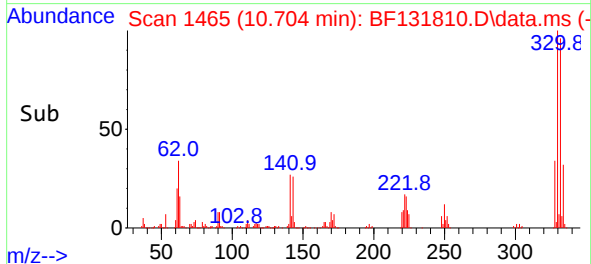
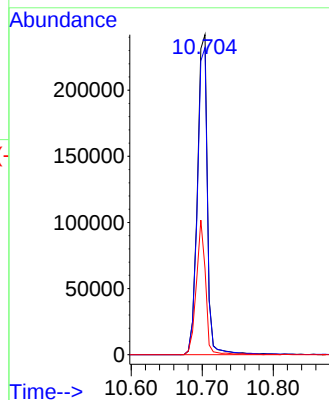
Tgt Ion:330 Resp: 238134

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 38.7 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 93.559 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF131810.D

Acq: 23 Dec 2022 17:15

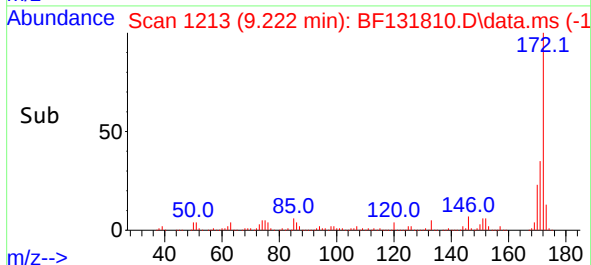
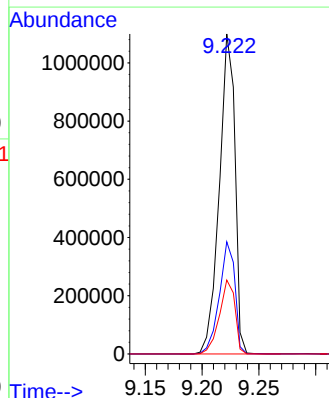
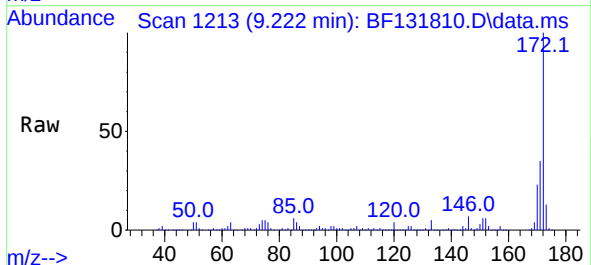
Tgt Ion:172 Resp: 1056593

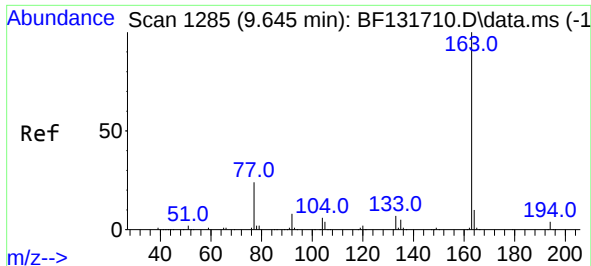
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.1 19.0 28.4

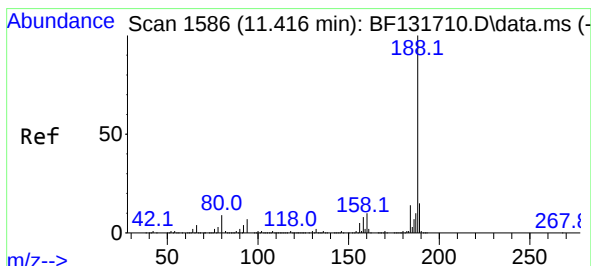
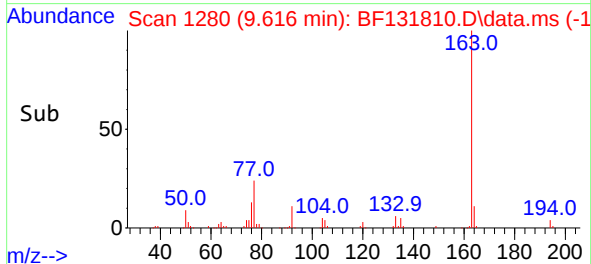
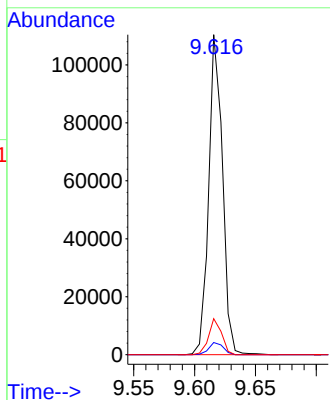
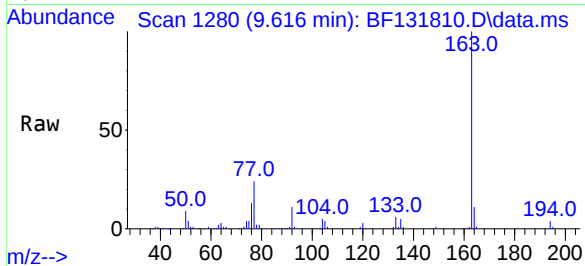




#50  
Dimethylphthalate  
Concen: 7.290 ng  
RT: 9.616 min Scan# 11  
Delta R.T. -0.023 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

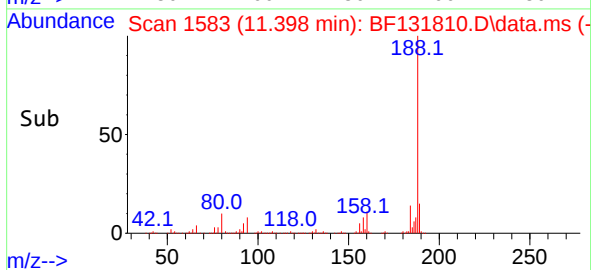
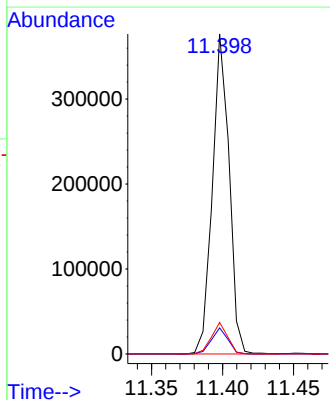
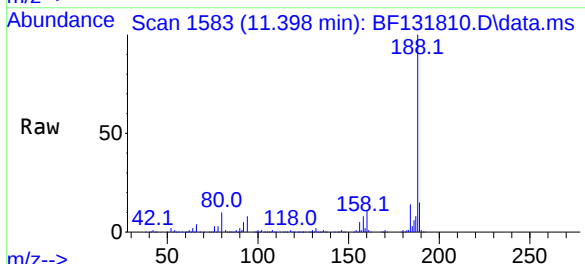
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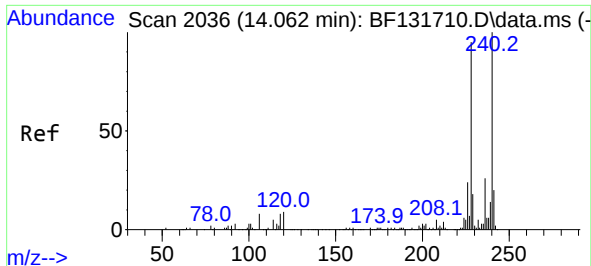
Tgt Ion:163 Resp: 86777  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.1 4.7  
164 11.2 8.2 12.4



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. -0.012 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

Tgt Ion:188 Resp: 307666  
Ion Ratio Lower Upper  
188 100  
94 8.1 5.9 8.9  
80 9.8 7.0 10.6

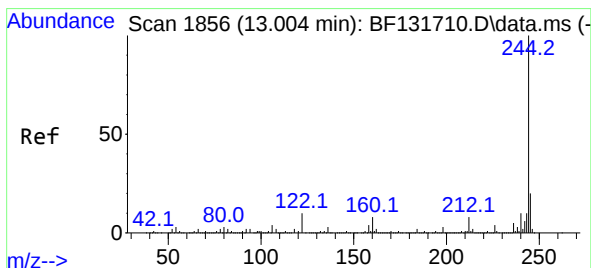
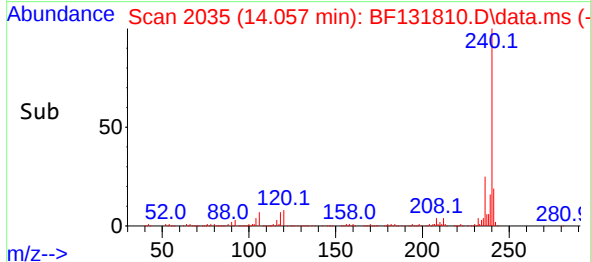
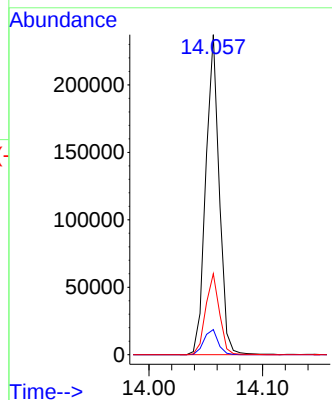
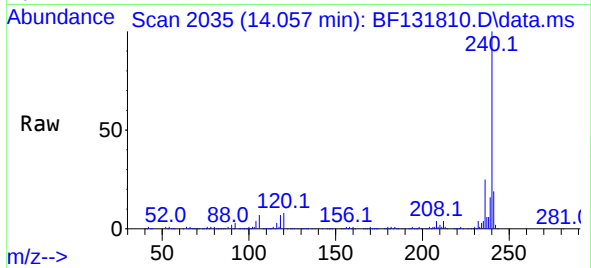




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2035  
Delta R.T. -0.012 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

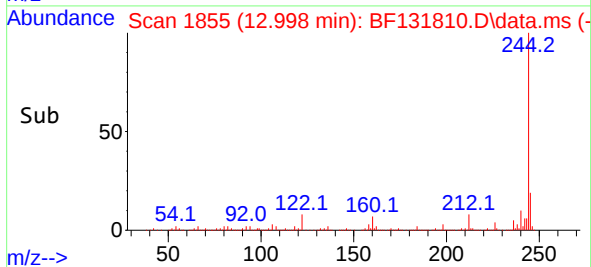
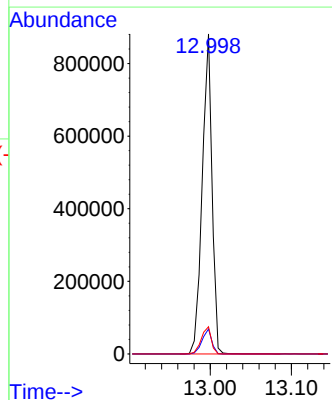
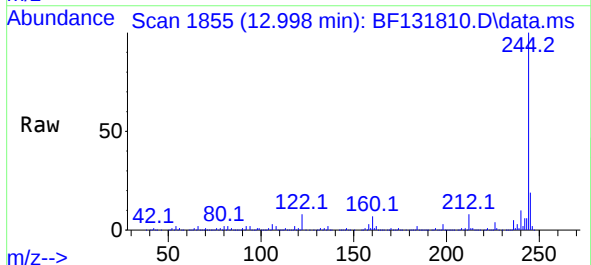
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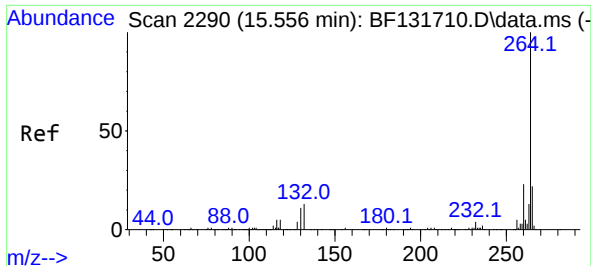
Tgt Ion:240 Resp: 194930  
Ion Ratio Lower Upper  
240 100  
120 7.8 7.6 11.4  
236 25.3 21.2 31.8



#79  
Terphenyl-d14  
Concen: 58.955 ng  
RT: 12.998 min Scan# 1855  
Delta R.T. -0.006 min  
Lab File: BF131810.D  
Acq: 23 Dec 2022 17:15

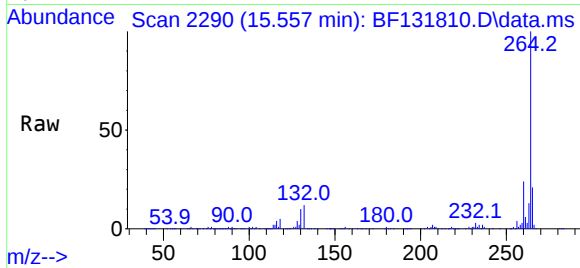
Tgt Ion:244 Resp: 737376  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.5 9.7  
122 8.5 7.7 11.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF131810.D  
 Acq: 23 Dec 2022 17:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:264 Resp: 176464

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 18.6  | 28.0  |
| 265 | 21.2  | 17.4  | 26.2  |

