

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF090922\  
 Data File : BF130196.D  
 Acq On : 09 Sep 2022 15:46  
 Operator : CG\JU  
 Sample : N4537-02DL 2X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW2DL

Quant Time: Sep 09 23:47:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 07 02:05:07 2022  
 Response via : Initial Calibration

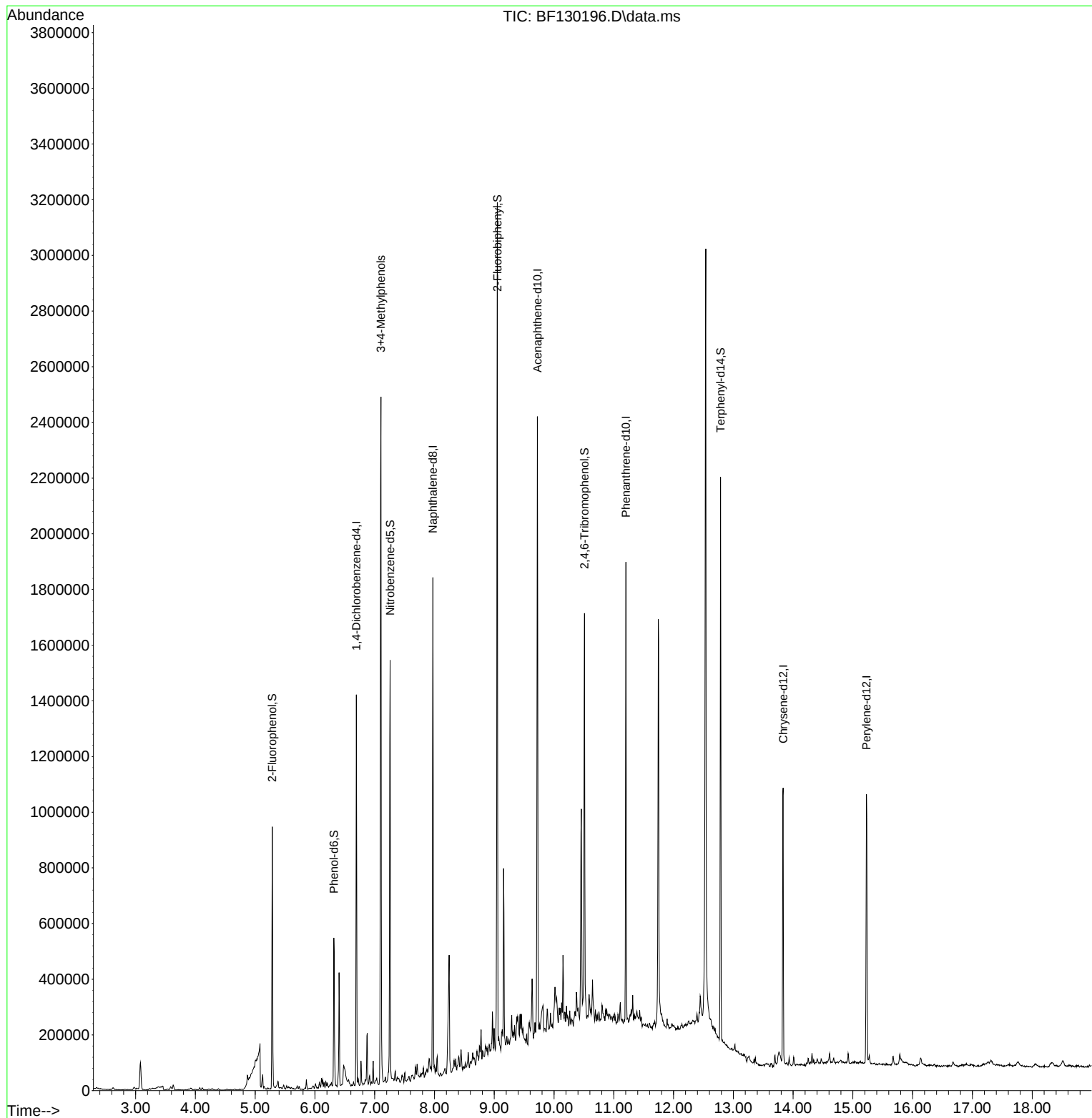
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|--------|-------|--------------|
| -----                       |        |      |          |        |       |              |
| Internal Standards          |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 6.692  | 152  | 187741   | 20.000 | ng    | 0.00         |
| 21) Naphthalene-d8          | 7.975  | 136  | 714652   | 20.000 | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.722  | 164  | 359037   | 20.000 | ng    | -0.01        |
| 64) Phenanthrene-d10        | 11.204 | 188  | 529197   | 20.000 | ng    | 0.00         |
| 76) Chrysene-d12            | 13.833 | 240  | 342415   | 20.000 | ng    | -0.01        |
| 86) Perylene-d12            | 15.227 | 264  | 396896   | 20.000 | ng    | -0.01        |
| System Monitoring Compounds |        |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.287  | 112  | 257503   | 23.285 | ng    | -0.01        |
| 7) Phenol-d6                | 6.316  | 99   | 185946   | 13.487 | ng    | -0.02        |
| 23) Nitrobenzene-d5         | 7.257  | 82   | 454279   | 40.852 | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 10.510 | 330  | 171788   | 52.563 | ng    | -0.01        |
| 45) 2-Fluorobiphenyl        | 9.051  | 172  | 859881   | 39.707 | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.786 | 244  | 618744   | 31.336 | ng    | -0.01        |
| Target Compounds            |        |      |          |        |       |              |
| 20) 3+4-Methylphenols       | 7.104  | 107  | 673846   | 56.268 | ng    | Qvalue<br>86 |
| -----                       |        |      |          |        |       |              |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF083122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 07 02:05:07 2022  
Response via : Initial Calibration

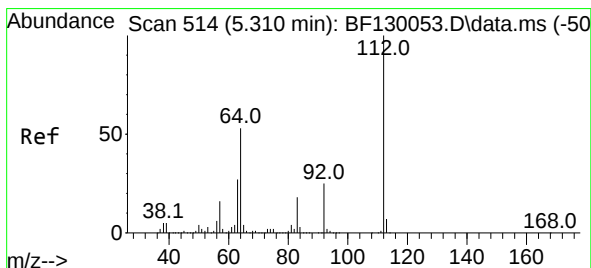
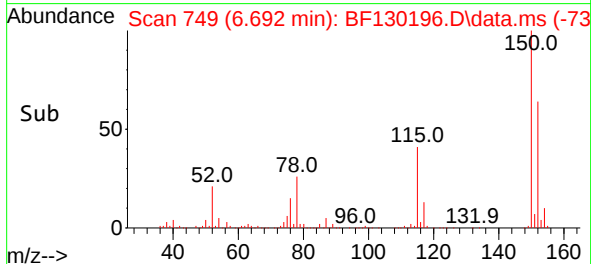
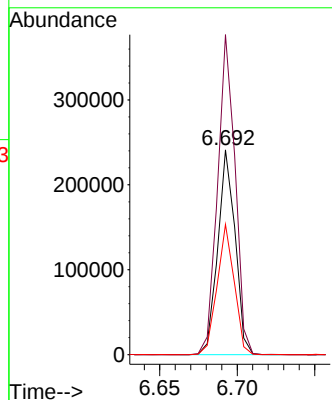
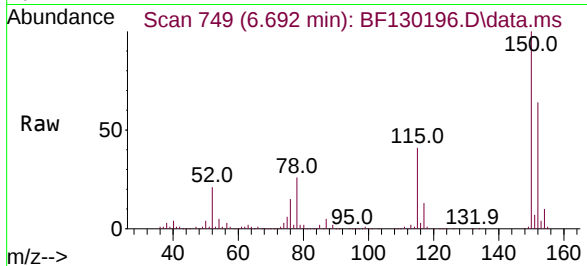




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.692 min Scan# 74  
 Delta R.T. -0.006 min  
 Lab File: BF130196.D  
 Acq: 09 Sep 2022 15:46

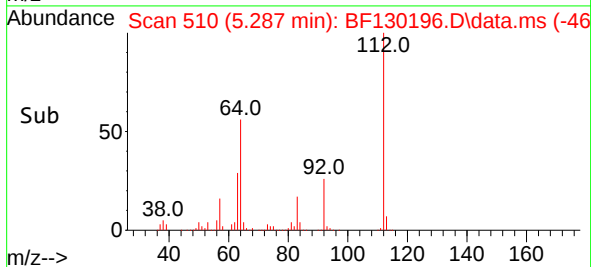
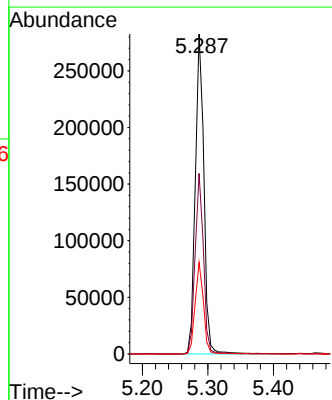
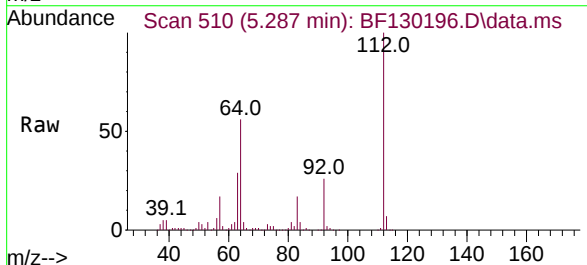
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW2DL

Tgt Ion:152 Resp: 187741  
 Ion Ratio Lower Upper  
 152 100  
 150 156.3 126.9 190.3  
 115 63.6 53.4 80.0



#5  
 2-Fluorophenol  
 Concen: 23.285 ng  
 RT: 5.287 min Scan# 510  
 Delta R.T. -0.012 min  
 Lab File: BF130196.D  
 Acq: 09 Sep 2022 15:46

Tgt Ion:112 Resp: 257503  
 Ion Ratio Lower Upper  
 112 100  
 64 56.4 47.6 71.4  
 63 28.6 24.6 37.0

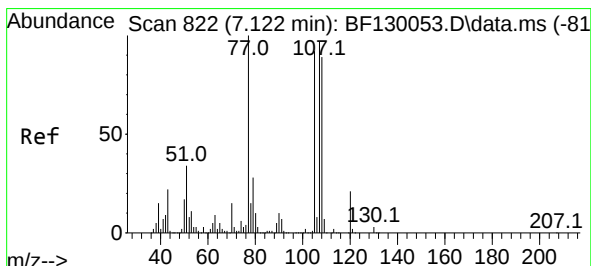
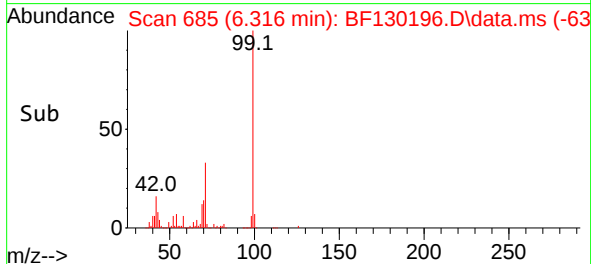
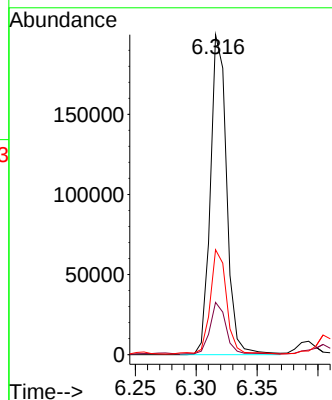
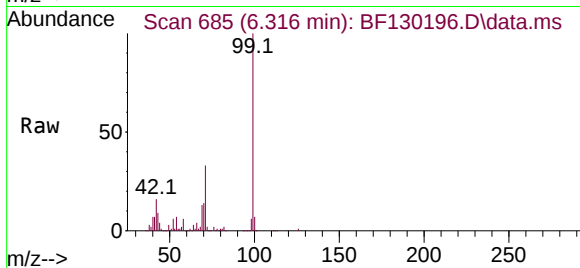




#7  
Phenol-d6  
Concen: 13.487 ng  
RT: 6.316 min Scan# 685  
Delta R.T. -0.018 min  
Lab File: BF130196.D  
Acq: 09 Sep 2022 15:46

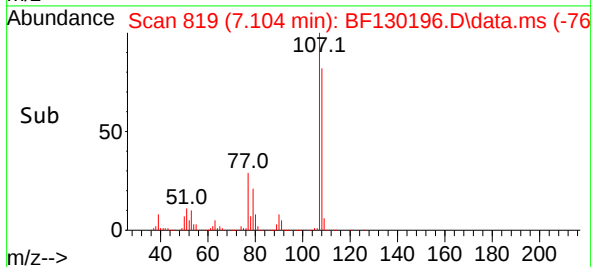
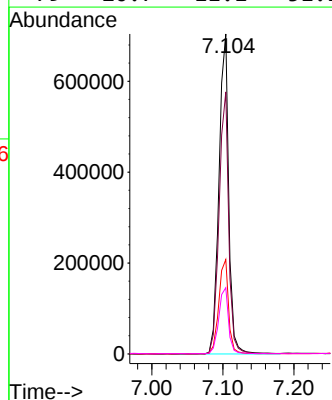
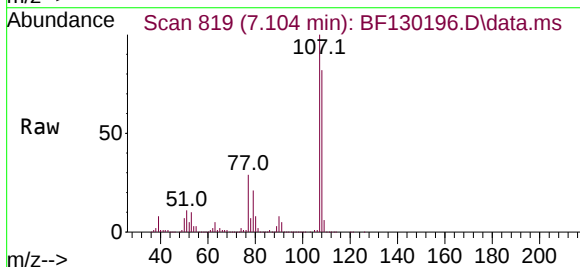
Instrument :  
BNA\_F  
ClientSampleId :  
MW2DL

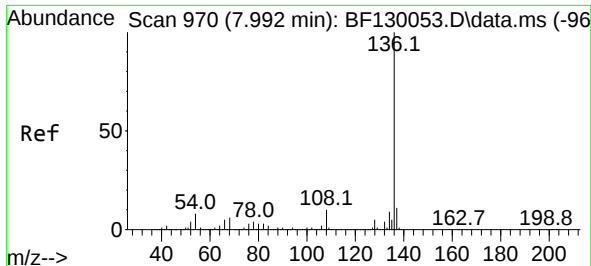
Tgt Ion: 99 Resp: 185946  
Ion Ratio Lower Upper  
99 100  
42 16.4 15.0 22.4  
71 32.8 28.8 43.2



#20  
3+4-Methylphenols  
Concen: 56.268 ng  
RT: 7.104 min Scan# 819  
Delta R.T. -0.006 min  
Lab File: BF130196.D  
Acq: 09 Sep 2022 15:46

Tgt Ion: 107 Resp: 673846  
Ion Ratio Lower Upper  
107 100  
108 81.9 71.3 111.3  
77 29.5 20.4 60.4  
79 20.7 11.1 51.1



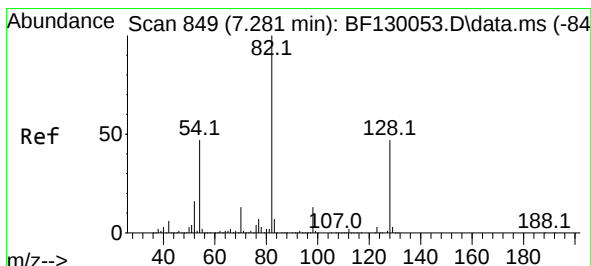
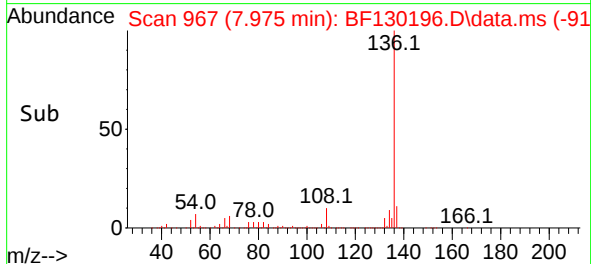
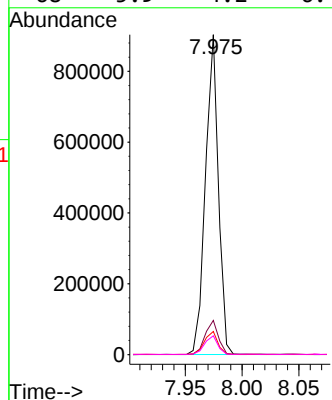
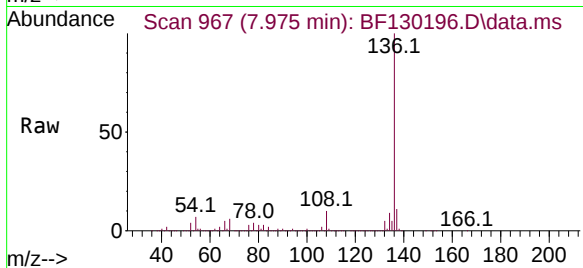


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.975 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BF130196.D  
Acq: 09 Sep 2022 15:46

Instrument :  
BNA\_F  
ClientSampleId :  
MW2DL

Tgt Ion:136 Resp: 714652

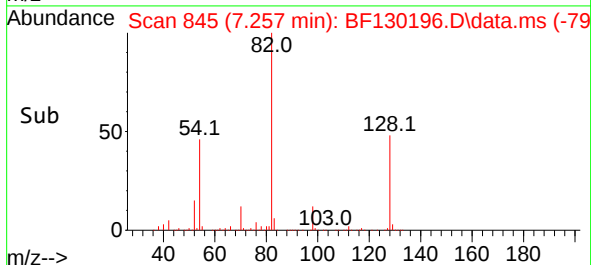
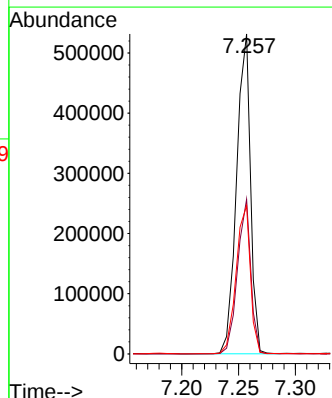
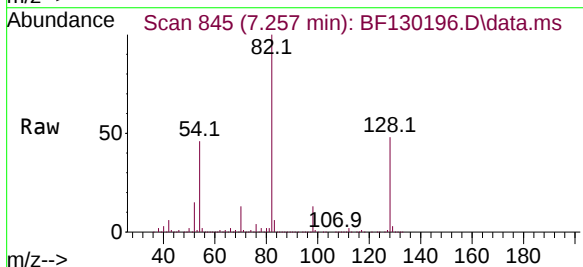
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.4   | 12.6  |
| 54  | 7.2   | 6.2   | 9.2   |
| 68  | 5.9   | 4.2   | 6.4   |

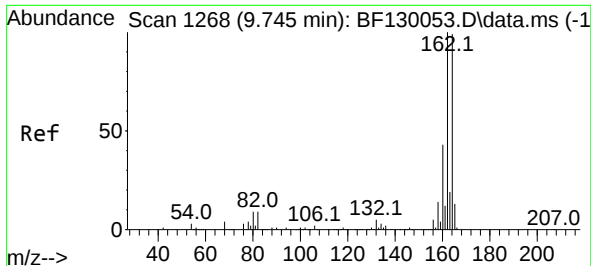


#23  
Nitrobenzene-d5  
Concen: 40.852 ng  
RT: 7.257 min Scan# 845  
Delta R.T. -0.012 min  
Lab File: BF130196.D  
Acq: 09 Sep 2022 15:46

Tgt Ion: 82 Resp: 454279

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 48.3  | 36.1  | 54.1  |
| 54  | 46.3  | 40.0  | 60.0  |

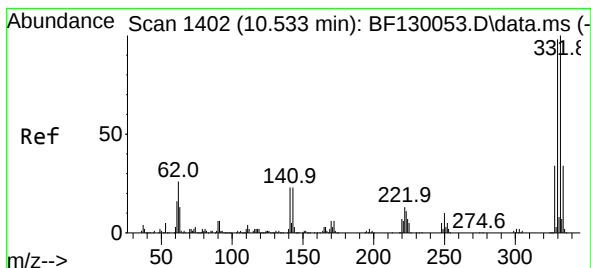
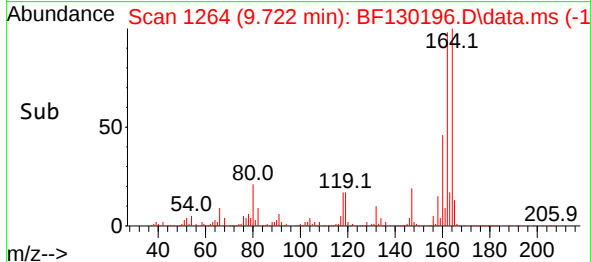
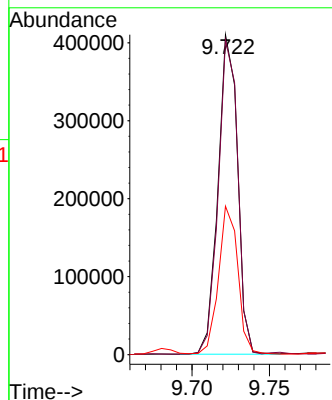
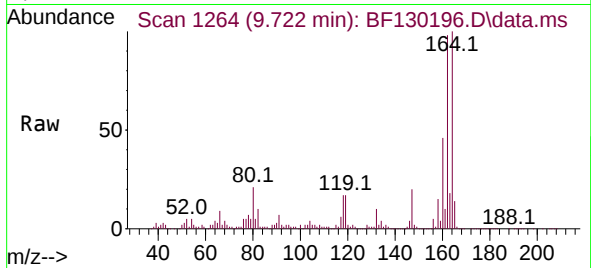




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.722 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF130196.D  
Acq: 09 Sep 2022 15:46

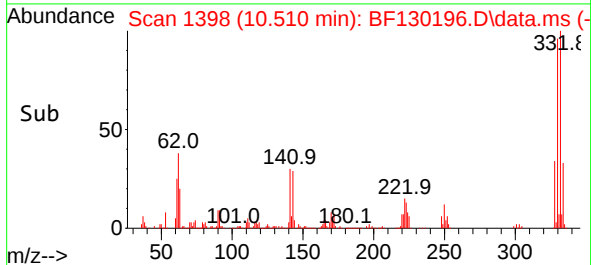
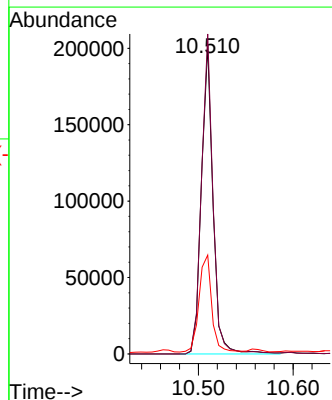
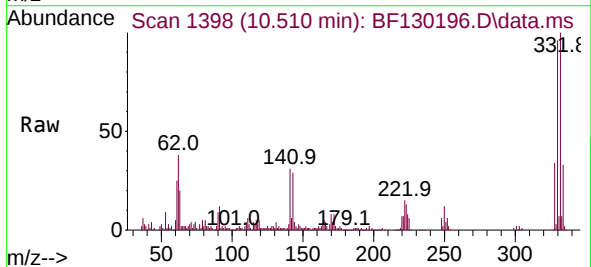
Instrument :  
BNA\_F  
ClientSampleId :  
MW2DL

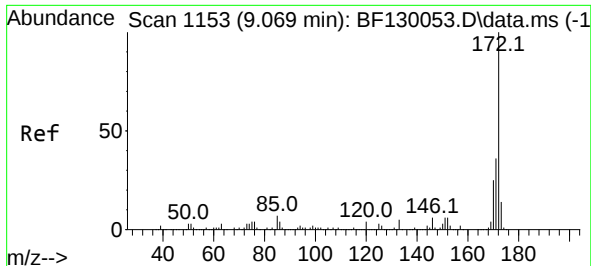
Tgt Ion:164 Resp: 359037  
Ion Ratio Lower Upper  
164 100  
162 98.4 82.0 123.0  
160 46.4 35.4 53.0



#42  
2,4,6-Tribromophenol  
Concen: 52.563 ng  
RT: 10.510 min Scan# 1398  
Delta R.T. -0.012 min  
Lab File: BF130196.D  
Acq: 09 Sep 2022 15:46

Tgt Ion:330 Resp: 171788  
Ion Ratio Lower Upper  
330 100  
332 102.3 82.6 124.0  
141 34.1 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 39.707 ng

RT: 9.051 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130196.D

Acq: 09 Sep 2022 15:46

Instrument :

BNA\_F

ClientSampleId :

MW2DL

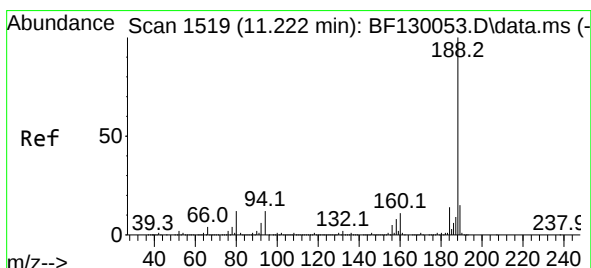
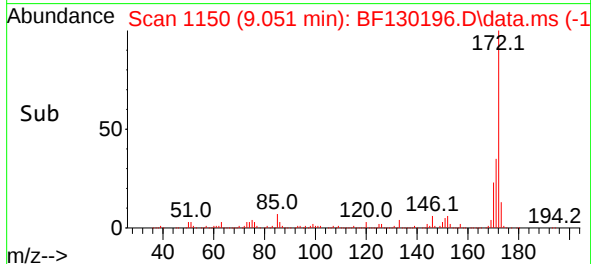
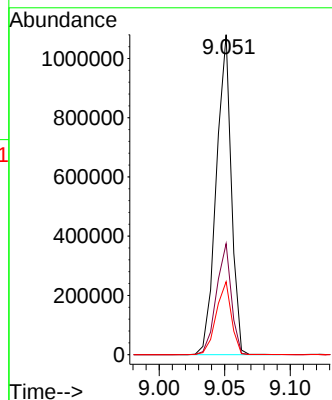
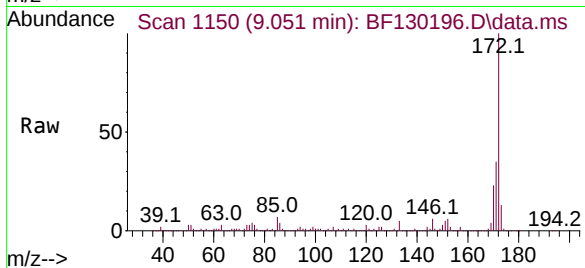
Tgt Ion:172 Resp: 859881

Ion Ratio Lower Upper

172 100

171 34.7 28.4 42.6

170 22.8 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF130196.D

Acq: 09 Sep 2022 15:46

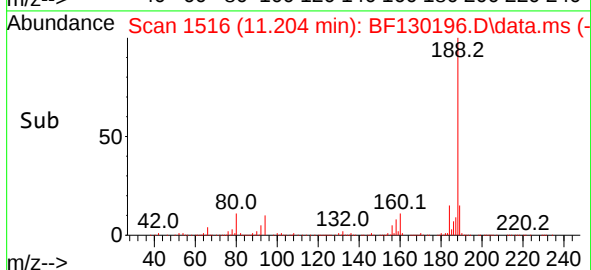
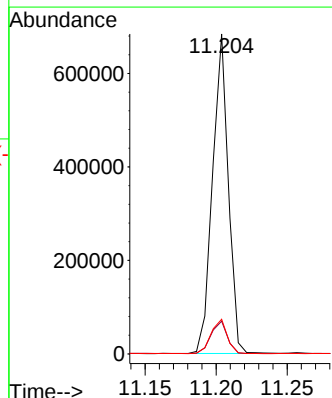
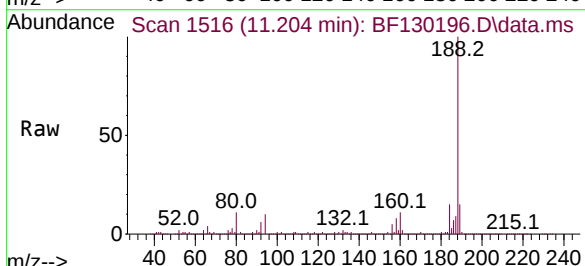
Tgt Ion:188 Resp: 529197

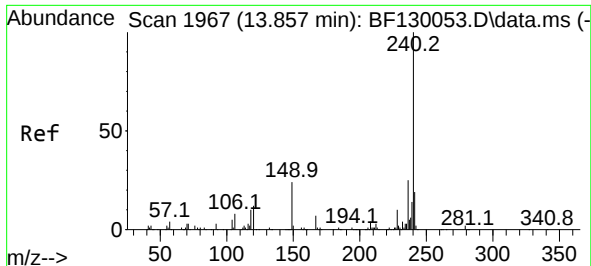
Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.2

80 10.8 7.9 11.9

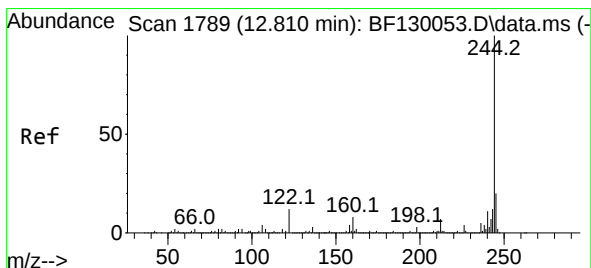
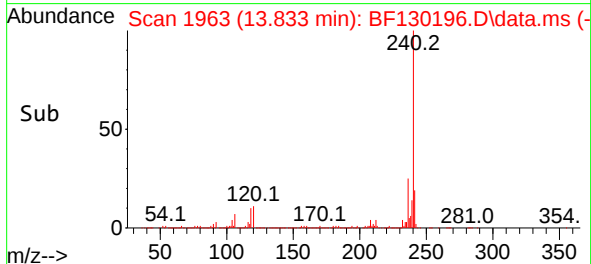
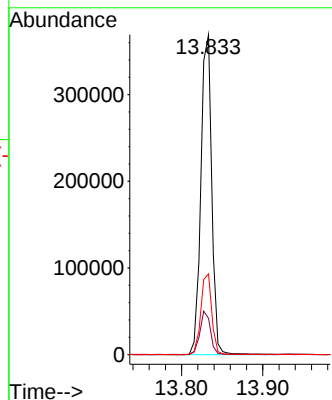
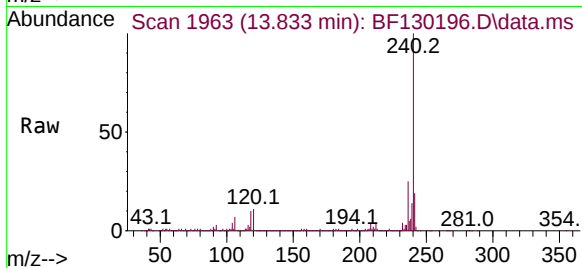




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.833 min Scan# 1963  
Delta R.T. -0.012 min  
Lab File: BF130196.D  
Acq: 09 Sep 2022 15:46

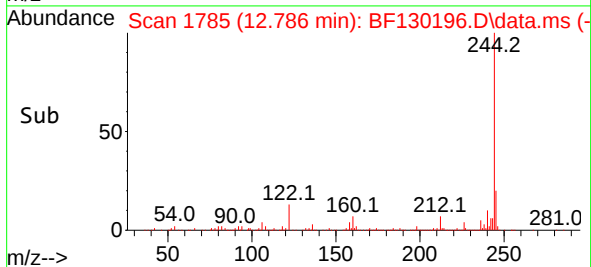
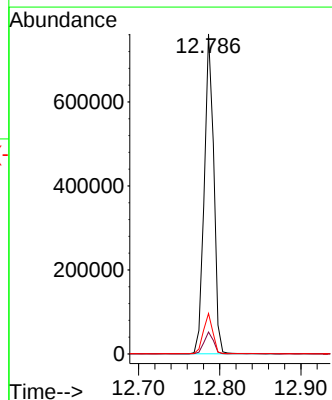
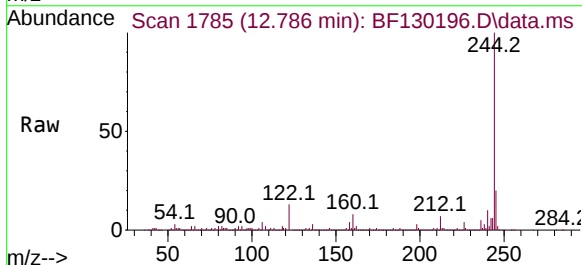
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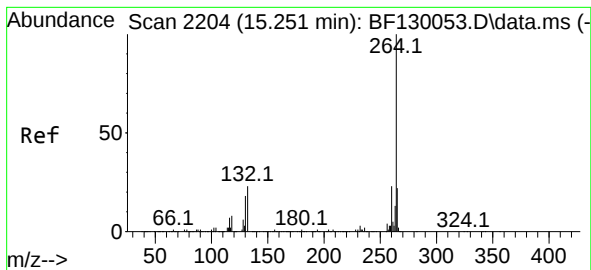
Tgt Ion:240 Resp: 342415  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.2 13.8  
236 25.2 20.7 31.1



#79  
Terphenyl-d14  
Concen: 31.336 ng  
RT: 12.786 min Scan# 1785  
Delta R.T. -0.012 min  
Lab File: BF130196.D  
Acq: 09 Sep 2022 15:46

Tgt Ion:244 Resp: 618744  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.9 8.9  
122 12.6 9.9 14.9





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.227 min Scan# 21  
Delta R.T. -0.012 min  
Lab File: BF130196.D  
Acq: 09 Sep 2022 15:46

Instrument :  
BNA\_F  
ClientSampleId :  
MW2DL

Tgt Ion:264 Resp: 396896  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.1 28.7  
265 21.2 16.7 25.1

