

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092722\  
 Data File : BF130435.D  
 Acq On : 27 Sep 2022 20:57  
 Operator : CG\JU  
 Sample : N4764-08RE  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 355

Quant Time: Sep 28 03:02:15 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

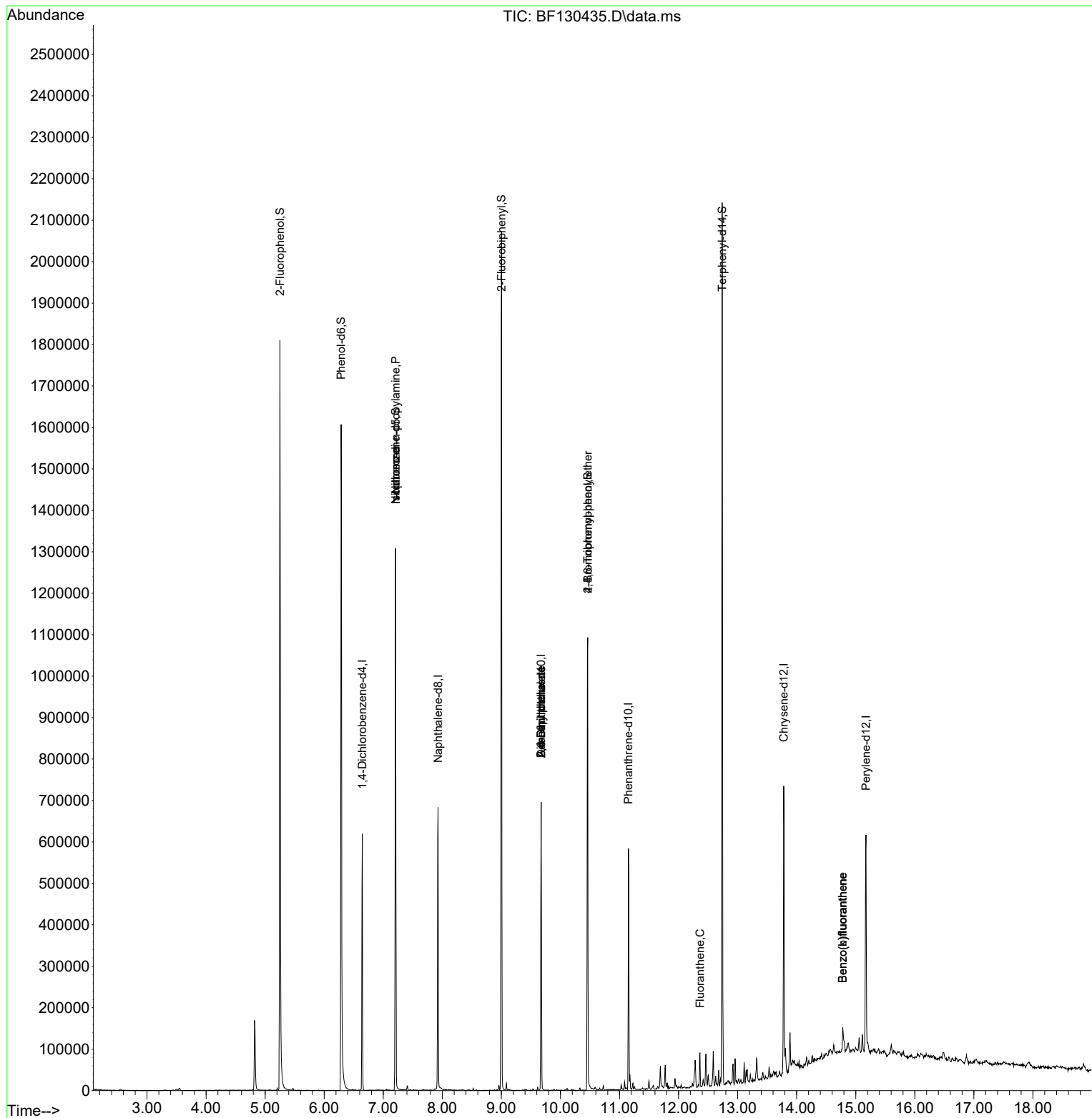
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.645  | 152  | 85492    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.928  | 136  | 295414   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.674  | 164  | 129193   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.151 | 188  | 205164   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.780 | 240  | 218056   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.174 | 264  | 222358   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.251  | 112  | 511557   | 103.785 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.286  | 99   | 590248   | 95.705  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.210  | 82   | 366249   | 63.339  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.463 | 330  | 133532   | 107.868 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.004  | 172  | 622974   | 70.218  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.739 | 244  | 656177   | 49.847  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.210  | 70   | 48829    | 11.733  | ng    | # 73     |
| 25) Isophorone                | 7.210  | 82   | 364107   | 39.068  | ng    | # 66     |
| 50) Dimethylphthalate         | 9.674  | 163  | 24592    | 2.756   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.674  | 165  | 17063    | 9.142   | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 9.674  | 165  | 17063    | 7.154   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.463 | 248  | 8080     | 3.570   | ng    | # 1      |
| 75) Fluoranthene              | 12.363 | 202  | 32494    | 2.919   | ng    | 95       |
| 88) Benzo(b)fluoranthene      | 14.780 | 252  | 37751    | 2.601   | ng    | # 91     |
| 89) Benzo(k)fluoranthene      | 14.780 | 252  | 37751    | 2.644   | ng    | # 91     |
| -----                         |        |      |          |         |       |          |

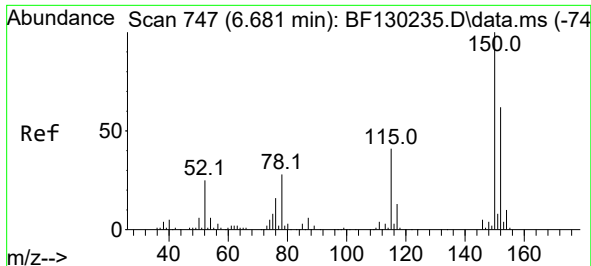
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 28 03:02:15 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  
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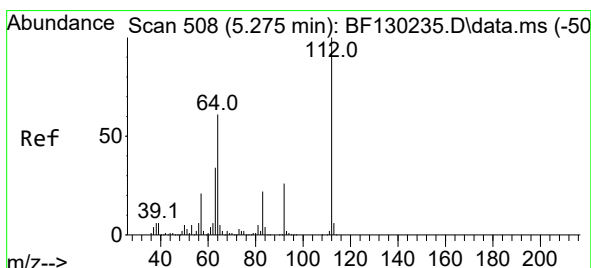
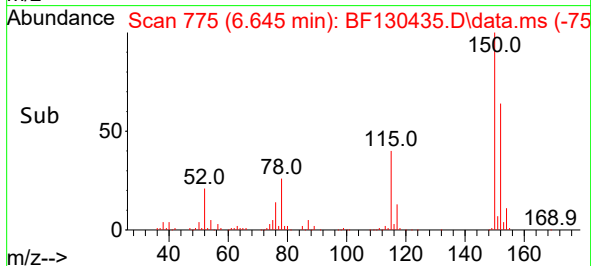
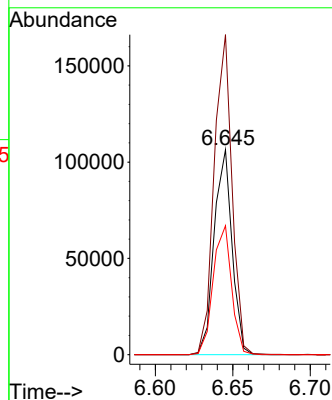
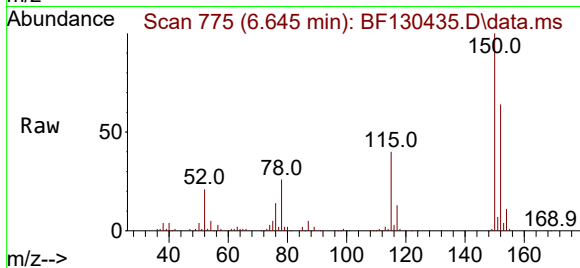




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.645 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

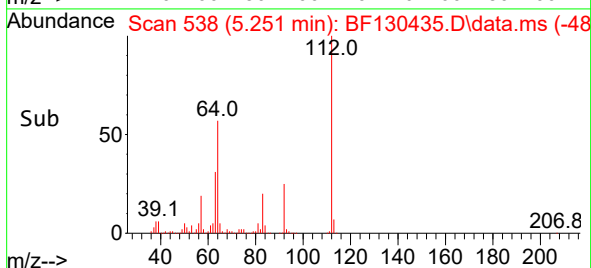
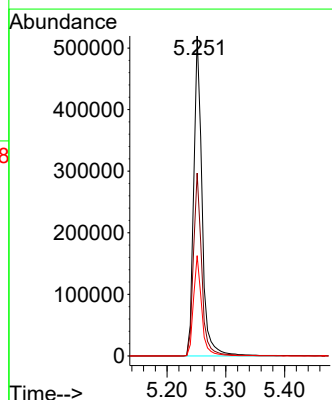
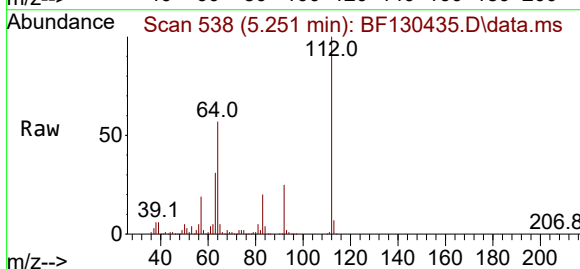
Instrument :  
BNA\_F  
ClientSampleId :  
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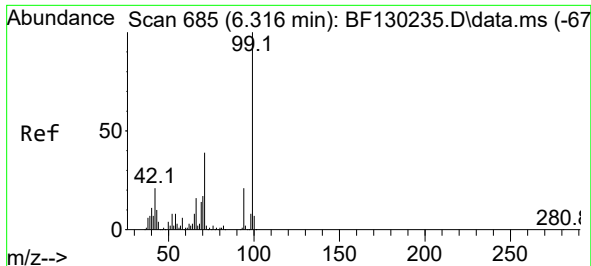
Tgt Ion:152 Resp: 85492  
Ion Ratio Lower Upper  
152 100  
150 156.1 122.8 184.2  
115 62.9 53.8 80.8



#5  
2-Fluorophenol  
Concen: 103.785 ng  
RT: 5.251 min Scan# 538  
Delta R.T. 0.006 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

Tgt Ion:112 Resp: 511557  
Ion Ratio Lower Upper  
112 100  
64 57.1 51.4 77.0  
63 31.3 28.8 43.2





#7  
Phenol-d6  
Concen: 95.705 ng  
RT: 6.286 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

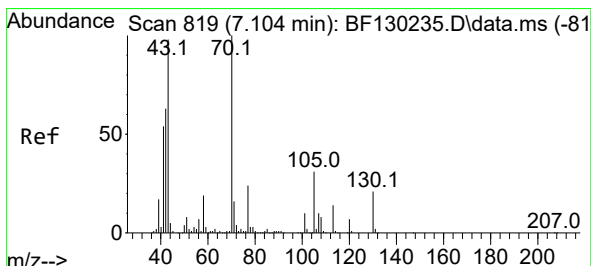
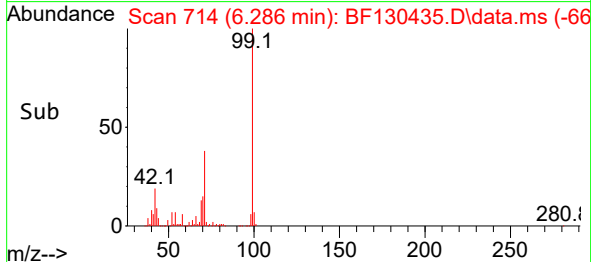
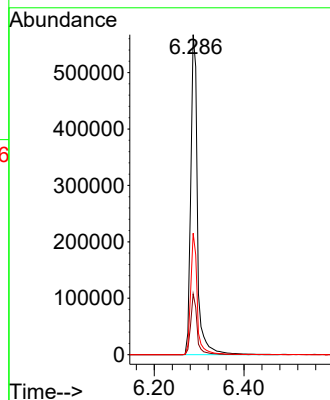
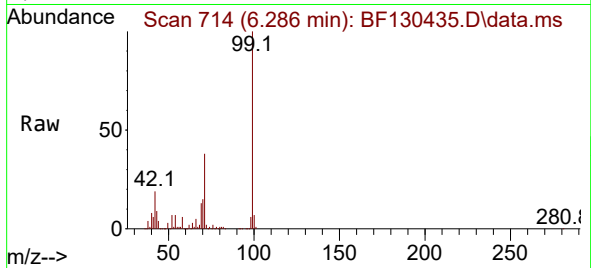
Instrument :

BNA\_F

ClientSampleId :

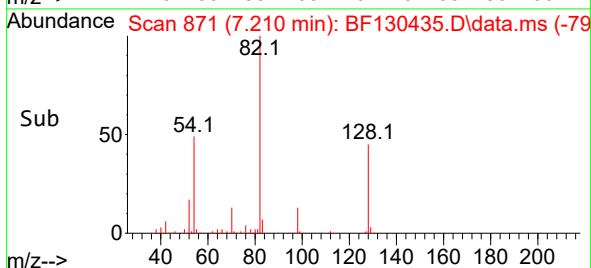
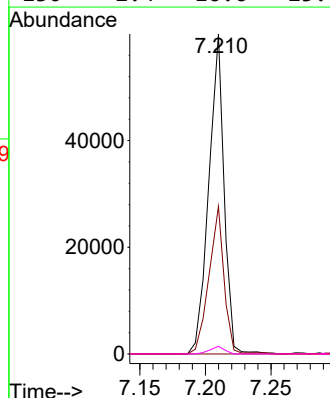
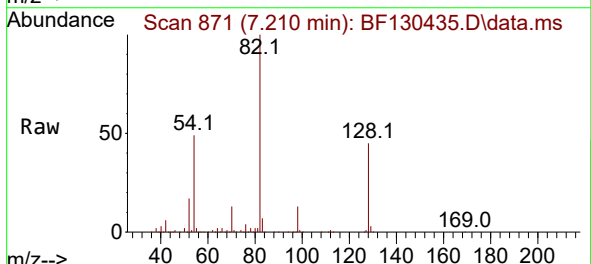
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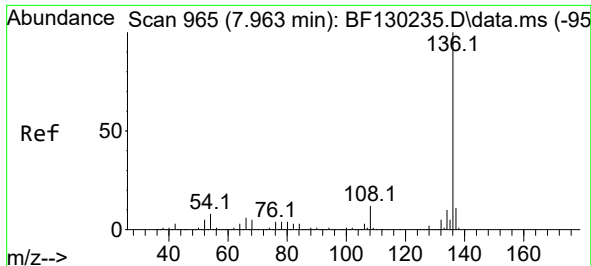
Tgt Ion: 99 Resp: 590248  
Ion Ratio Lower Upper  
99 100  
42 19.0 17.0 25.6  
71 37.9 32.3 48.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.733 ng  
RT: 7.210 min Scan# 871  
Delta R.T. 0.141 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

Tgt Ion: 70 Resp: 48829  
Ion Ratio Lower Upper  
70 100  
42 46.1 50.8 76.2#  
101 0.0 8.2 12.4#  
130 2.4 16.6 25.0#

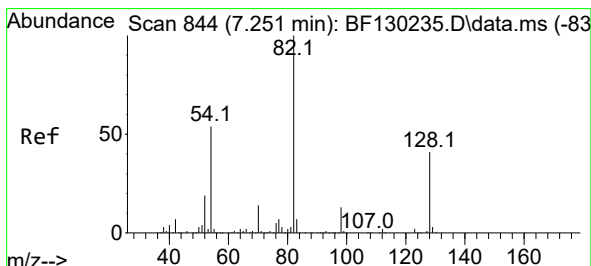
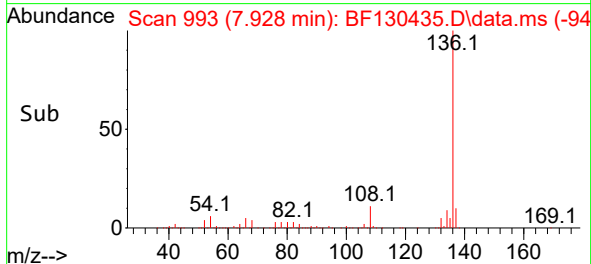
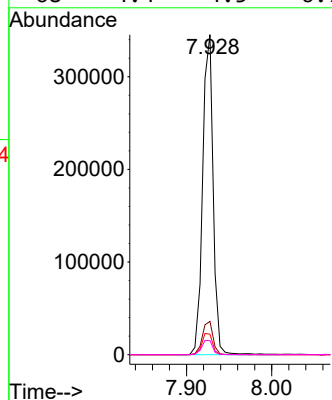
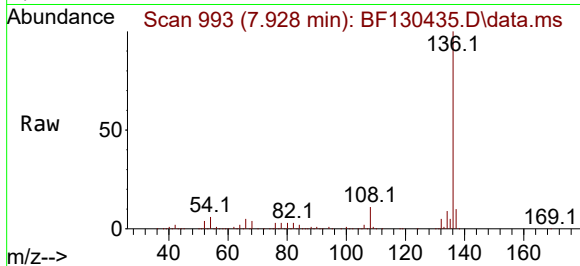




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.928 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

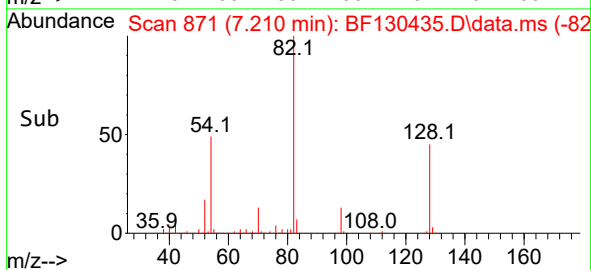
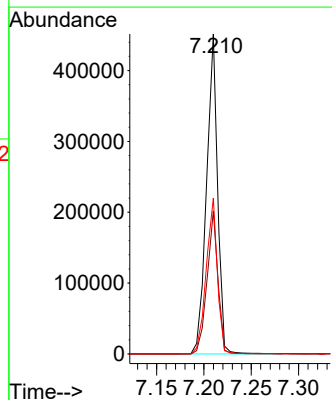
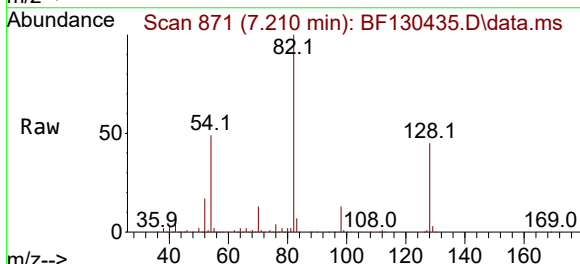
Instrument :  
BNA\_F  
ClientSampleId :  
355

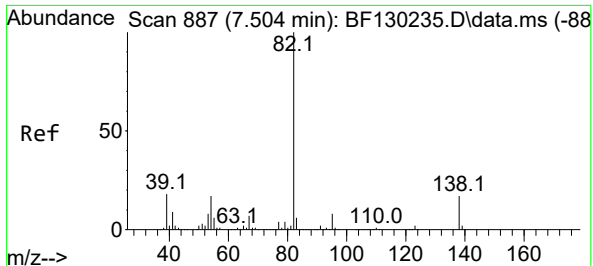
Tgt Ion:136 Resp: 295414  
Ion Ratio Lower Upper  
136 100  
137 10.4 9.1 13.7  
54 6.4 7.1 10.7#  
68 4.4 4.5 6.7#



#23  
Nitrobenzene-d5  
Concen: 63.339 ng  
RT: 7.210 min Scan# 871  
Delta R.T. -0.006 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

Tgt Ion: 82 Resp: 366249  
Ion Ratio Lower Upper  
82 100  
128 44.7 32.6 49.0  
54 48.7 43.8 65.6

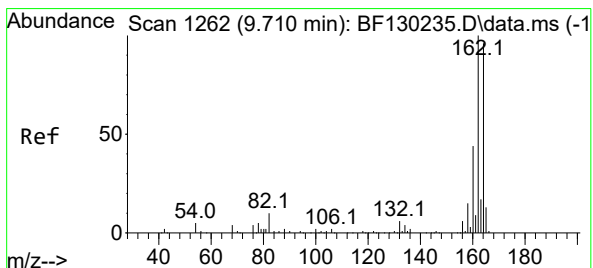
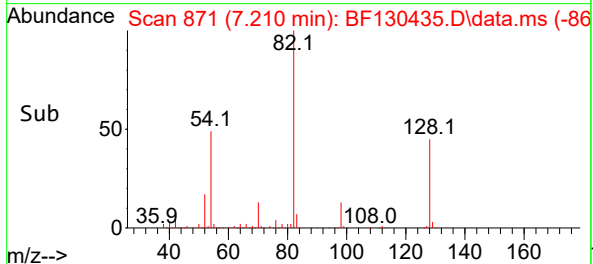
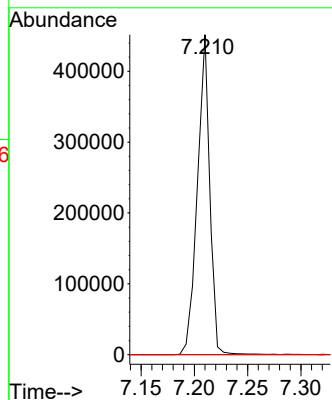
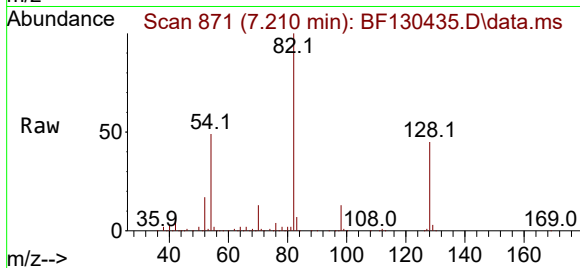




#25  
Isophorone  
Concen: 39.068 ng  
RT: 7.210 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

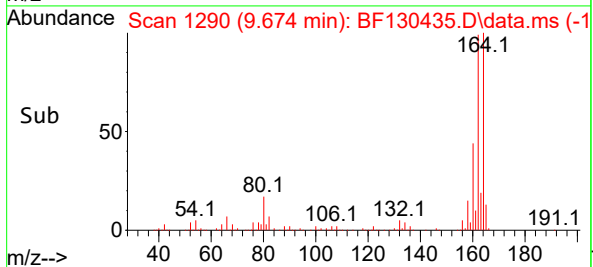
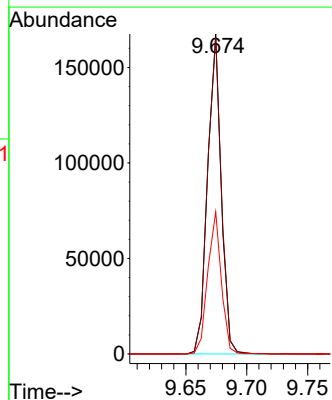
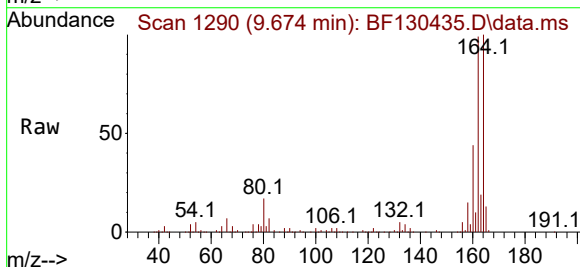
Instrument :  
BNA\_F  
ClientSampleId :  
355

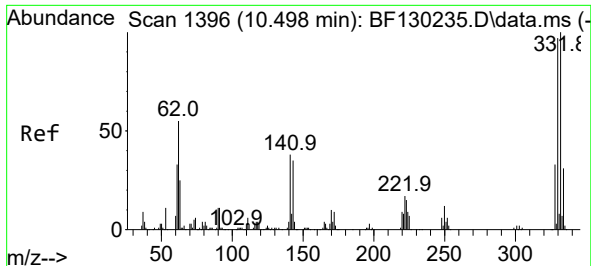
Tgt Ion: 82 Resp: 364107  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.4 9.6#  
138 0.0 13.8 20.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.674 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

Tgt Ion: 164 Resp: 129193  
Ion Ratio Lower Upper  
164 100  
162 98.9 81.4 122.0  
160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 107.868 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130435.D

Acq: 27 Sep 2022 20:57

Instrument :

BNA\_F

ClientSampleId :

355

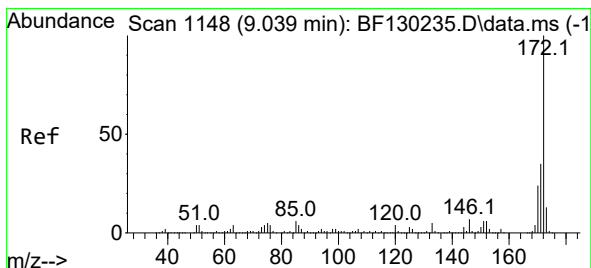
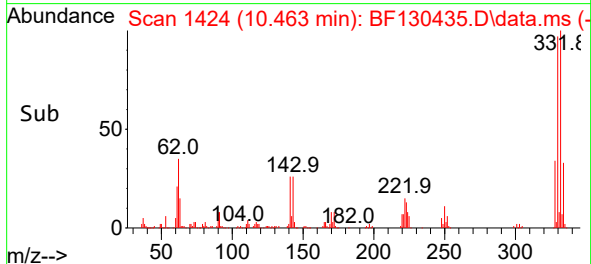
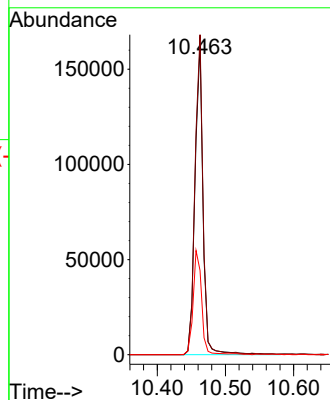
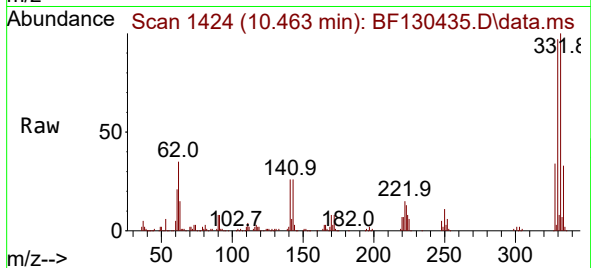
Tgt Ion:330 Resp: 133532

Ion Ratio Lower Upper

330 100

332 102.5 83.4 125.2

141 35.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 70.218 ng

RT: 9.004 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF130435.D

Acq: 27 Sep 2022 20:57

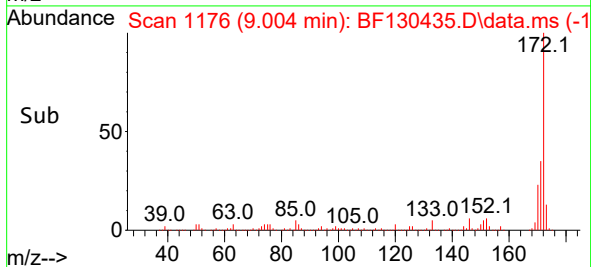
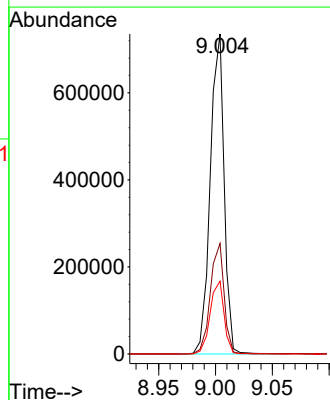
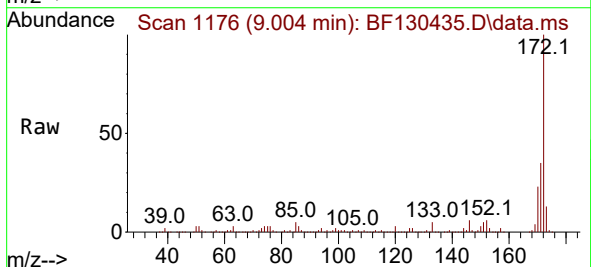
Tgt Ion:172 Resp: 622974

Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 22.8 18.7 28.1

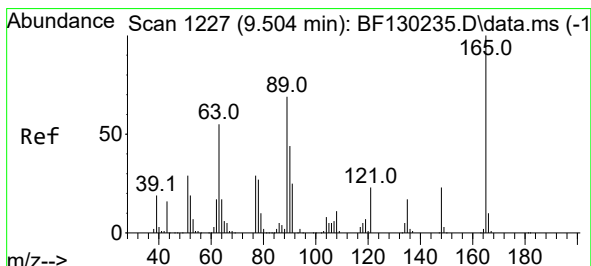
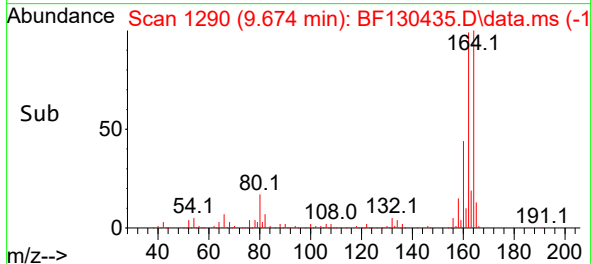
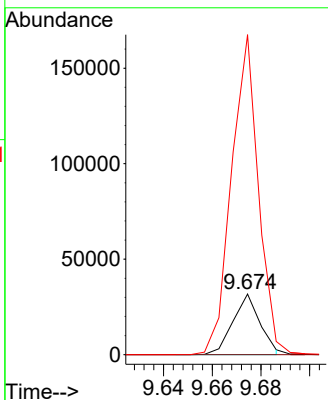
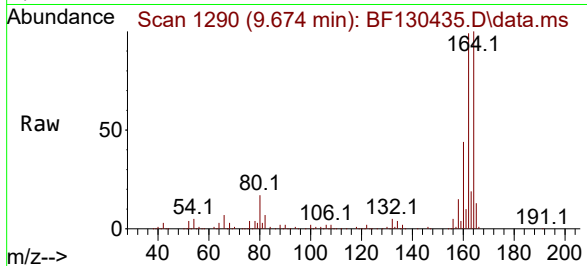




#50  
Dimethylphthalate  
Concen: 2.756 ng  
RT: 9.674 min Scan# 1290  
Delta R.T. 0.259 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

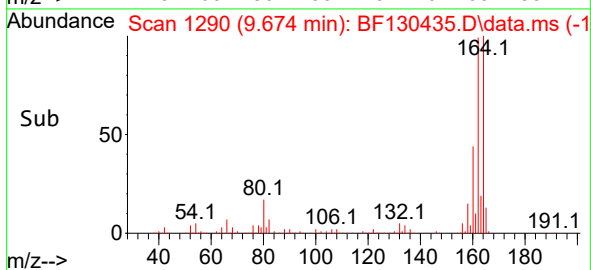
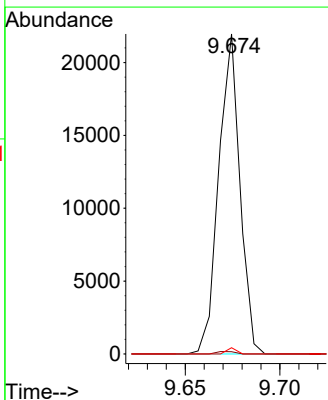
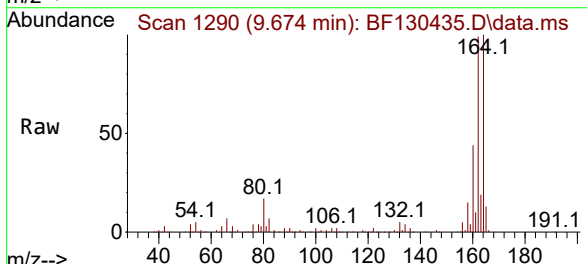
Instrument :  
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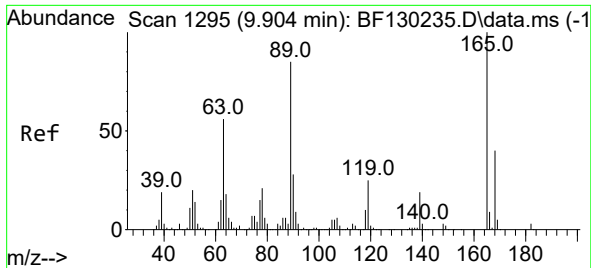
Tgt Ion:163 Resp: 24592  
Ion Ratio Lower Upper  
163 100  
194 0.0 2.8 4.2#  
164 527.0 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 9.142 ng  
RT: 9.674 min Scan# 1290  
Delta R.T. 0.200 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

Tgt Ion:165 Resp: 17063  
Ion Ratio Lower Upper  
165 100  
63 0.7 58.8 88.2#  
89 2.0 54.5 81.7#

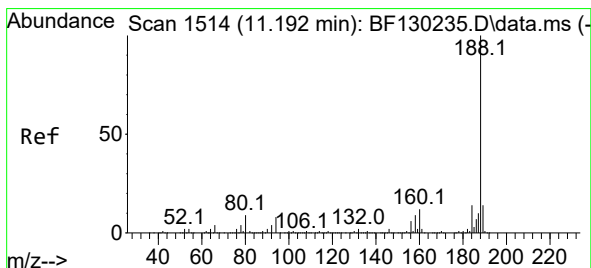
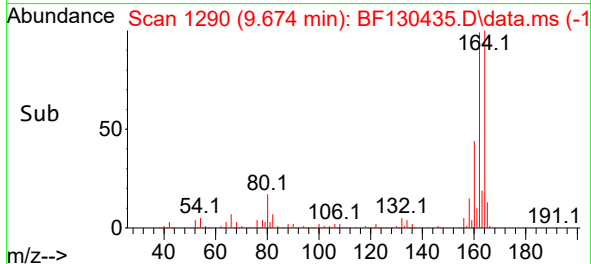
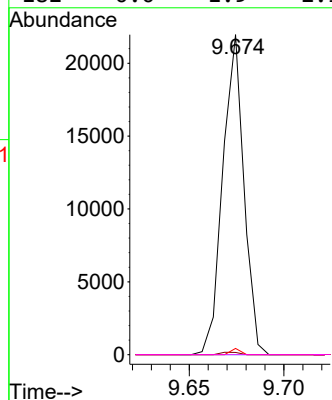
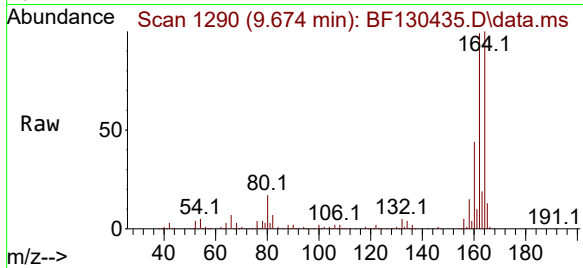




#57  
2,4-Dinitrotoluene  
Concen: 7.154 ng  
RT: 9.674 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

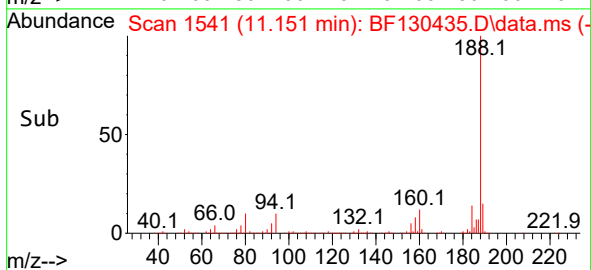
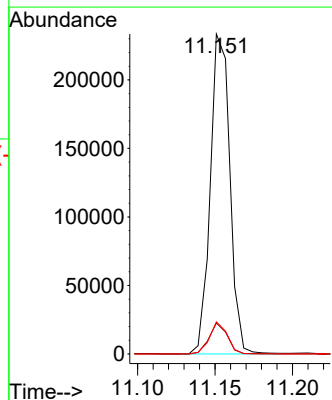
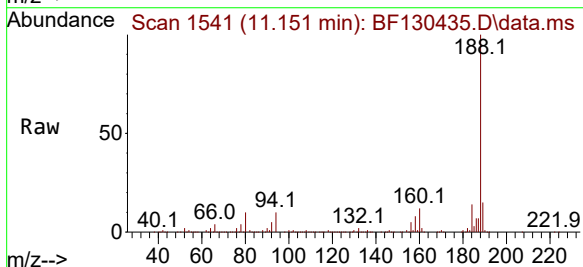
Instrument :  
BNA\_F  
ClientSampleId :  
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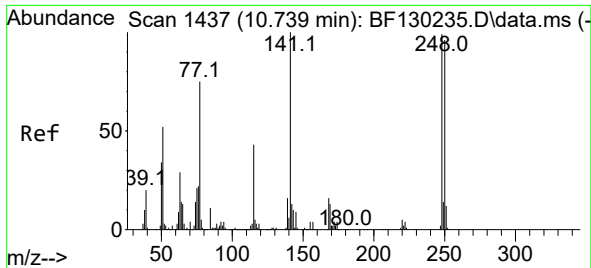
Tgt Ion:165 Resp: 17063  
Ion Ratio Lower Upper  
165 100  
63 0.7 44.7 67.1#  
89 2.0 69.0 103.4#  
182 0.0 1.9 2.9#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.151 min Scan# 1541  
Delta R.T. -0.006 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

Tgt Ion:188 Resp: 205164  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.2  
80 10.1 7.9 11.9

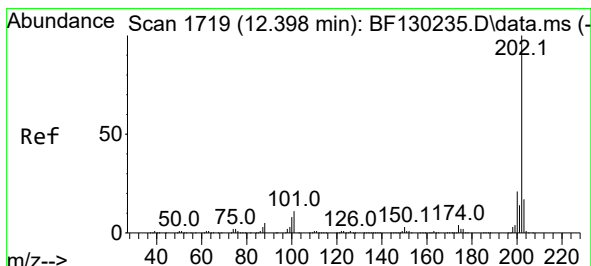
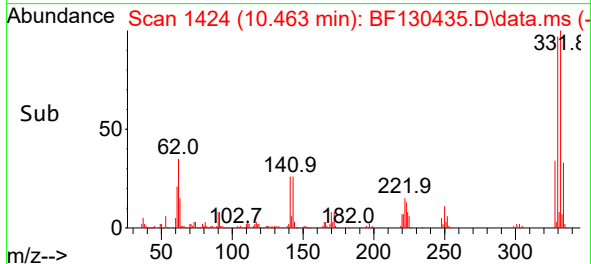
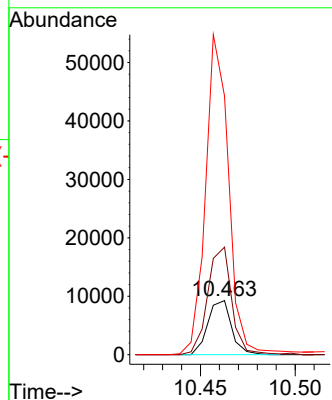
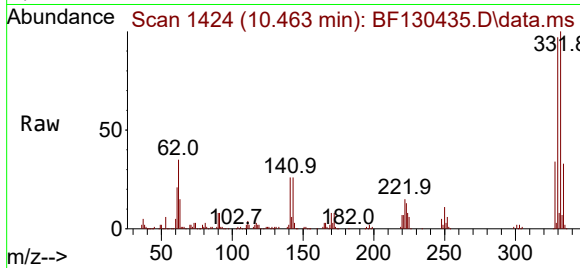




#67  
4-Bromophenyl-phenylether  
Concen: 3.570 ng  
RT: 10.463 min Scan# 1437  
Delta R.T. -0.247 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

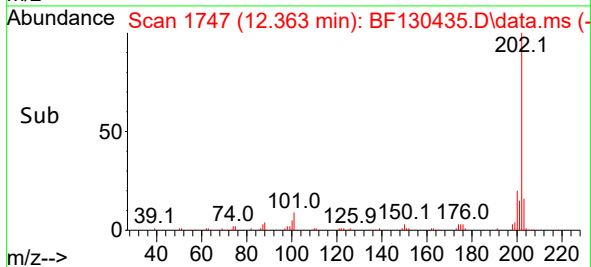
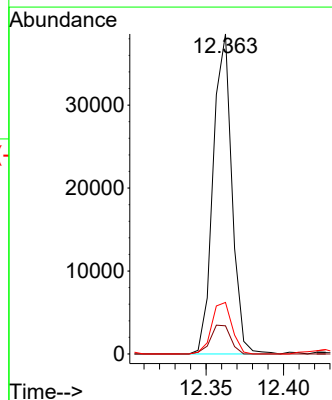
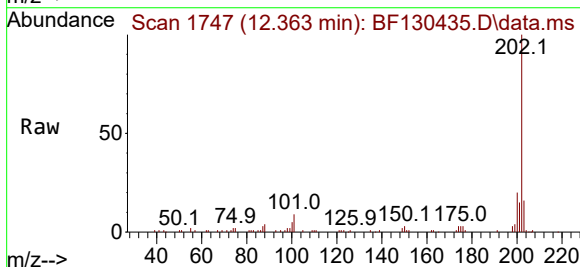
Instrument :  
BNA\_F  
ClientSampleId :  
355

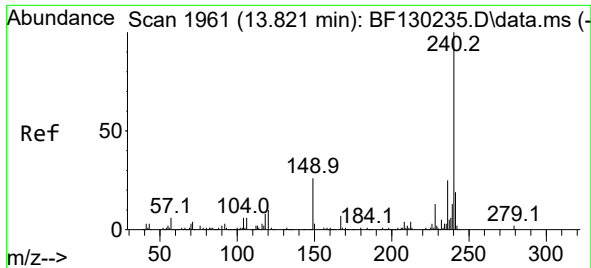
Tgt Ion:248 Resp: 8080  
Ion Ratio Lower Upper  
248 100  
250 199.0 80.0 120.0#  
141 478.8 68.5 102.7#



#75  
Fluoranthene  
Concen: 2.919 ng  
RT: 12.363 min Scan# 1747  
Delta R.T. -0.006 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

Tgt Ion:202 Resp: 32494  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 31.8  
203 16.1 0.0 37.8

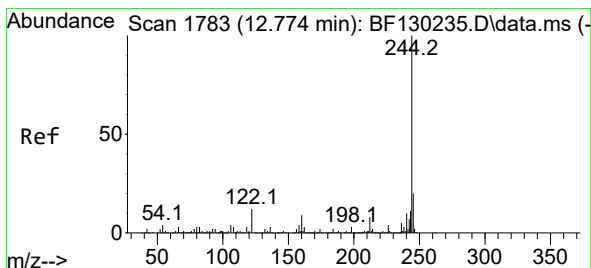
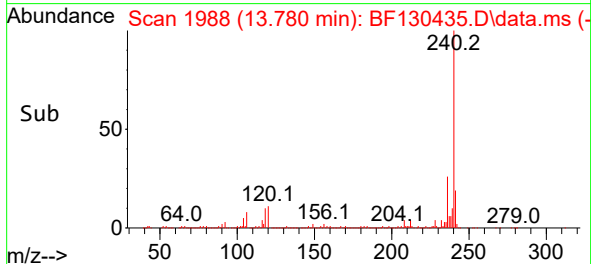
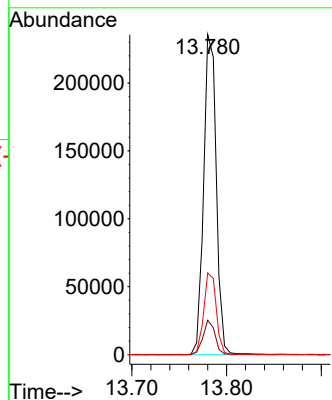
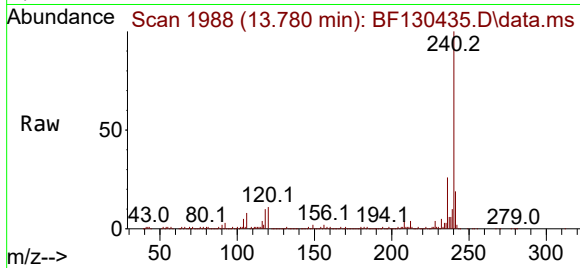




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.780 min Scan# 1811  
Delta R.T. -0.012 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

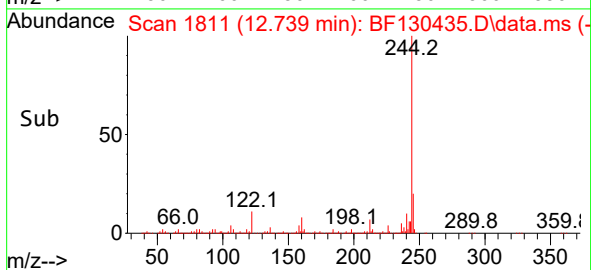
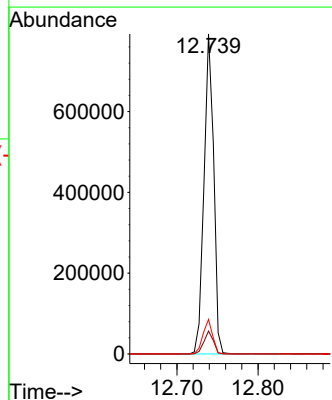
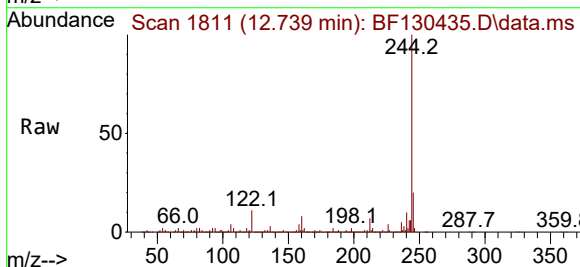
Instrument :  
BNA\_F  
ClientSampleId :  
355

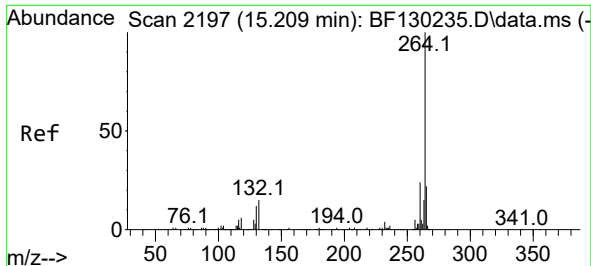
Tgt Ion:240 Resp: 218056  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.7 13.1  
236 25.5 20.9 31.3



#79  
Terphenyl-d14  
Concen: 49.847 ng  
RT: 12.739 min Scan# 1811  
Delta R.T. -0.006 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

Tgt Ion:244 Resp: 656177  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 10.8 8.5 12.7

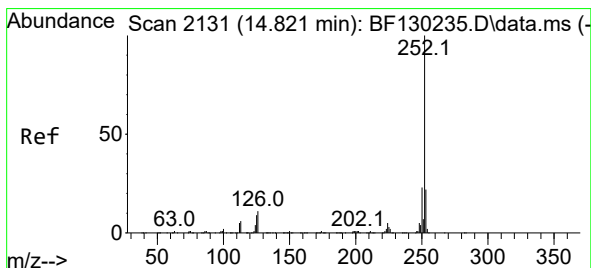
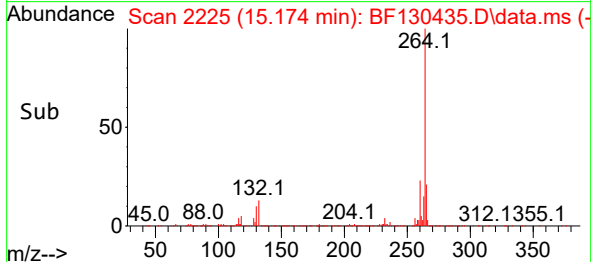
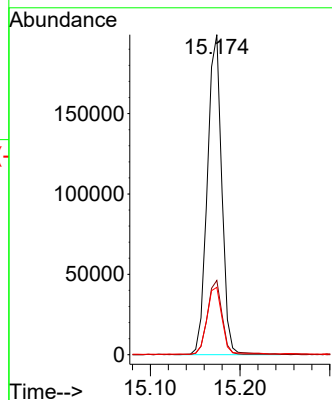
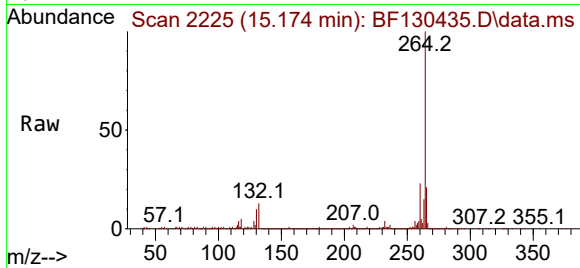




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.174 min Scan# 2197  
Delta R.T. -0.000 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

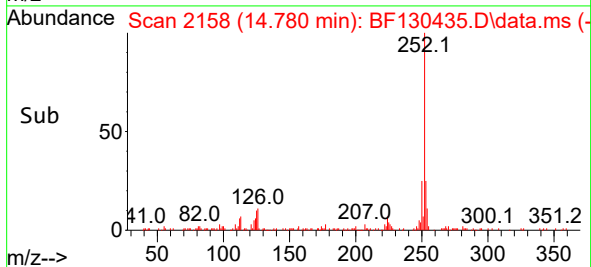
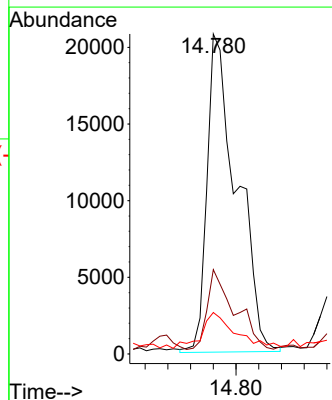
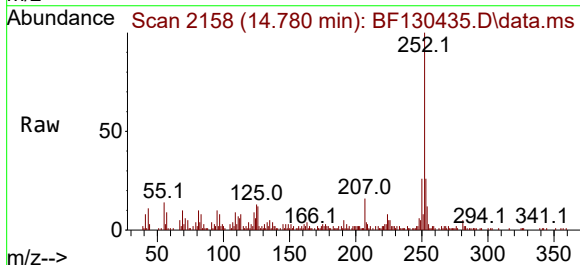
Instrument :  
BNA\_F  
ClientSampleId :  
355

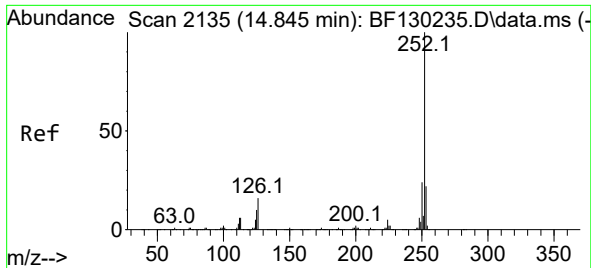
Tgt Ion:264 Resp: 222358  
Ion Ratio Lower Upper  
264 100  
260 23.2 19.3 28.9  
265 21.1 17.0 25.4



#88  
Benzo(b)fluoranthene  
Concen: 2.601 ng  
RT: 14.780 min Scan# 2158  
Delta R.T. -0.006 min  
Lab File: BF130435.D  
Acq: 27 Sep 2022 20:57

Tgt Ion:252 Resp: 37751  
Ion Ratio Lower Upper  
252 100  
253 26.3 17.7 26.5  
125 13.0 8.1 12.1#





#89

Benzo(k)fluoranthene

Concen: 2.644 ng

RT: 14.780 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF130435.D

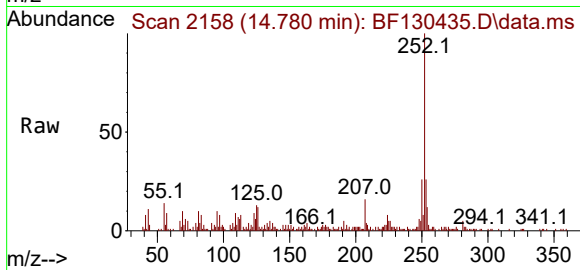
Acq: 27 Sep 2022 20:57

Instrument :

BNA\_F

ClientSampleId :

355



Tgt Ion:252 Resp: 37751

Ion Ratio Lower Upper

252 100

253 26.3 17.4 26.2#

125 13.0 7.9 11.9#

