

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120522\  
 Data File : BF131515.D  
 Acq On : 05 Dec 2022 23:28  
 Operator : CG\JU  
 Sample : PB149384BL  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149384BL

Quant Time: Dec 06 02:16:24 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 06 01:30:30 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.922  | 152  | 130839   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.210  | 136  | 486765   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.975  | 164  | 295649   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.469 | 188  | 709636   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.127 | 240  | 564398   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.651 | 264  | 444940   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.551  | 112  | 1081767  | 141.190 | ng    | 0.02     |
| 7) Phenol-d6                | 6.551  | 99   | 1275147  | 133.277 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.492  | 82   | 822075   | 77.512  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.774 | 330  | 587776   | 174.603 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.292  | 172  | 1905000  | 84.529  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.074 | 244  | 3105921  | 83.106  | ng    | 0.00     |

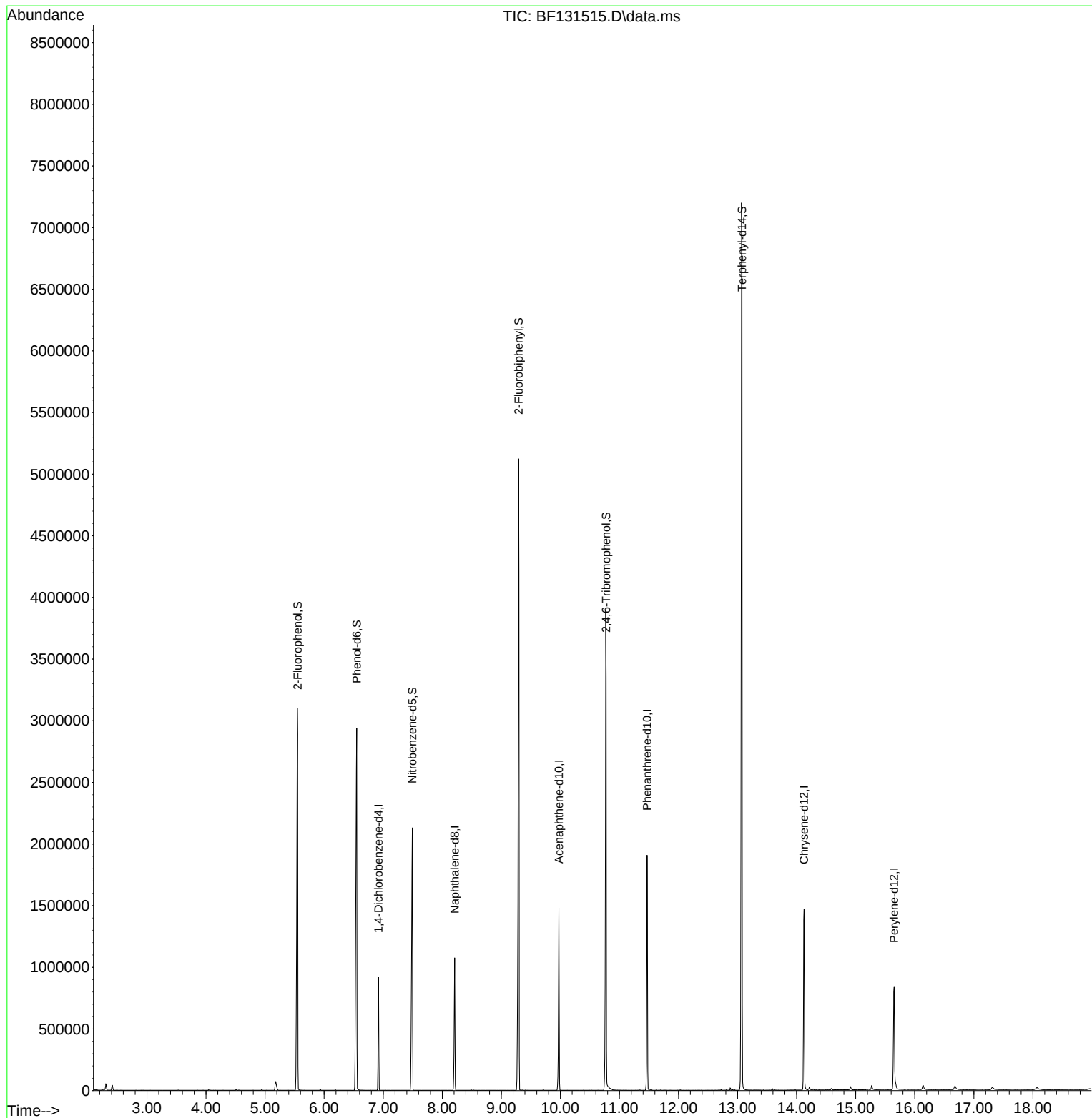
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

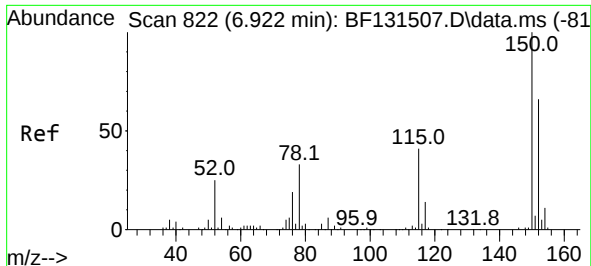
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120522\  
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Sample : PB149384BL  
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ALS Vial : 16 Sample Multiplier: 1

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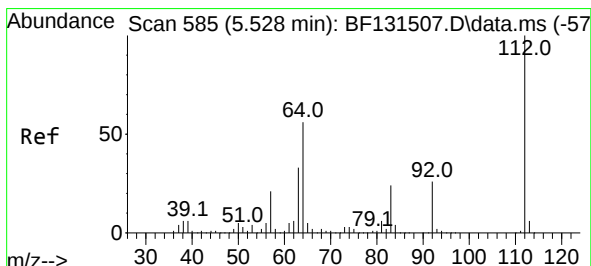
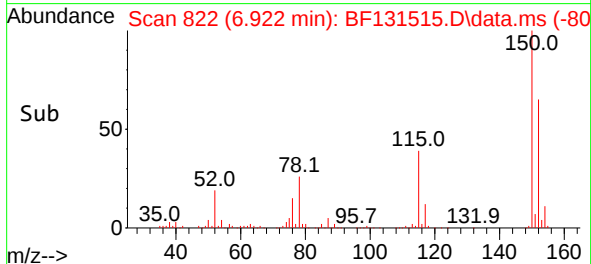
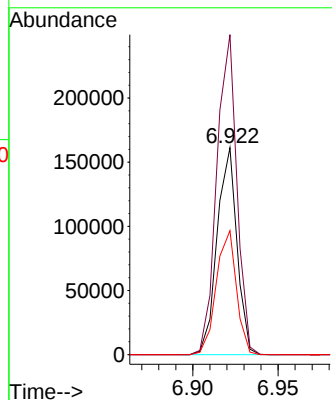
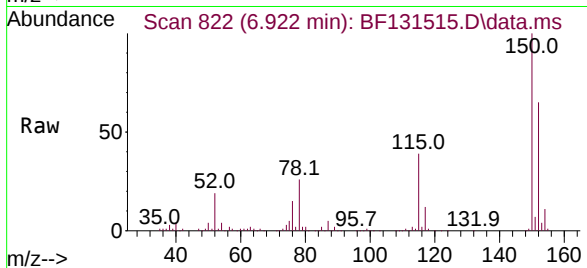




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.922 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF131515.D  
Acq: 05 Dec 2022 23:28

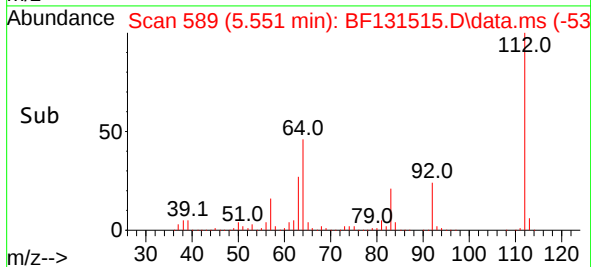
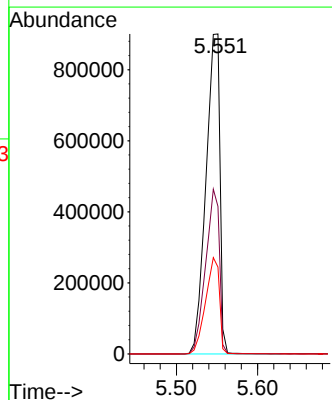
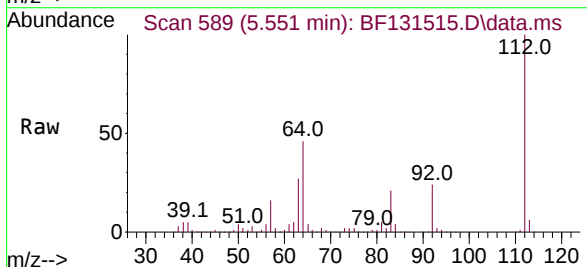
Instrument :  
BNA\_F  
ClientSampleId :  
PB149384BL

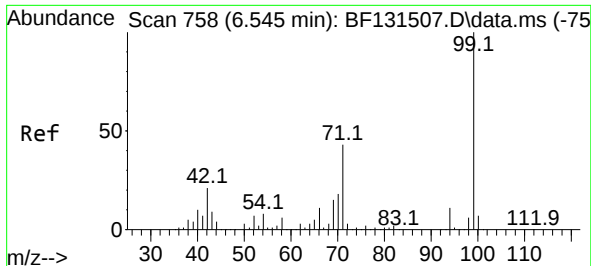
Tgt Ion:152 Resp: 130839  
Ion Ratio Lower Upper  
152 100  
150 154.6 121.9 182.9  
115 59.8 50.4 75.6



#5  
2-Fluorophenol  
Concen: 141.190 ng  
RT: 5.551 min Scan# 589  
Delta R.T. 0.024 min  
Lab File: BF131515.D  
Acq: 05 Dec 2022 23:28

Tgt Ion:112 Resp: 1081767  
Ion Ratio Lower Upper  
112 100  
64 46.1 44.5 66.7  
63 27.1 26.7 40.1

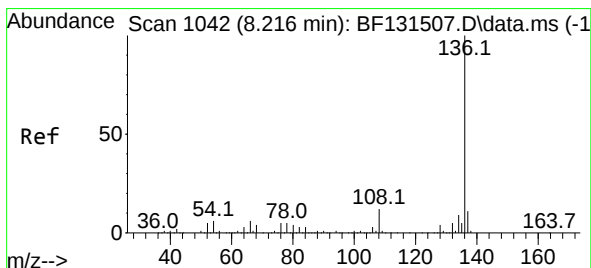
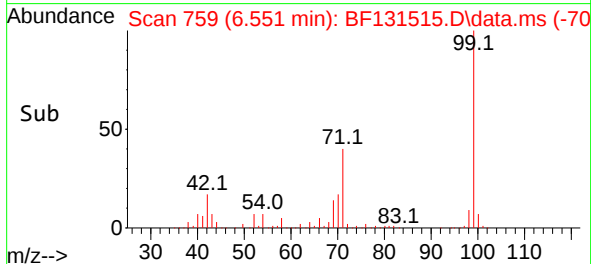
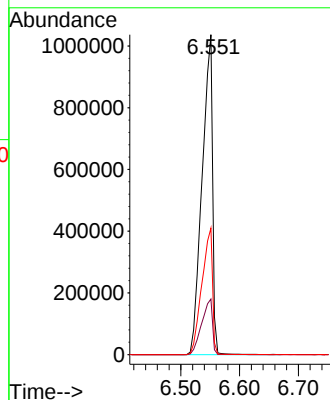
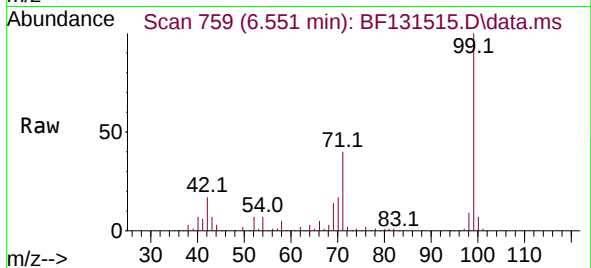




#7  
Phenol-d6  
Concen: 133.277 ng  
RT: 6.551 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BF131515.D  
Acq: 05 Dec 2022 23:28

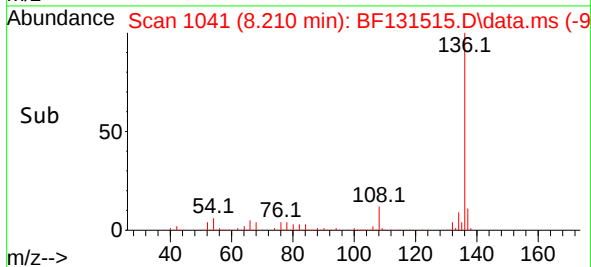
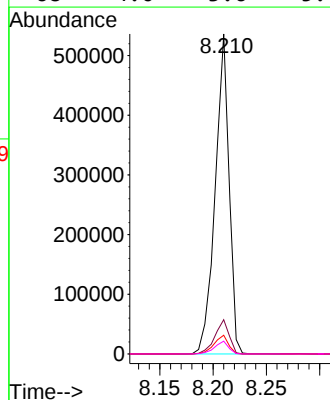
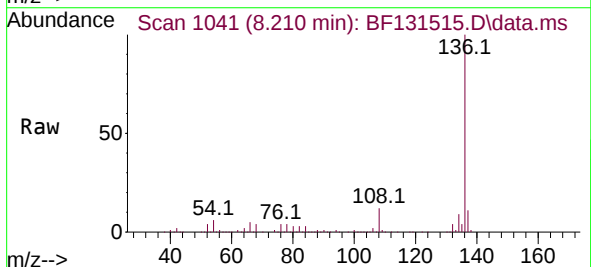
Instrument :  
BNA\_F  
ClientSampleId :  
PB149384BL

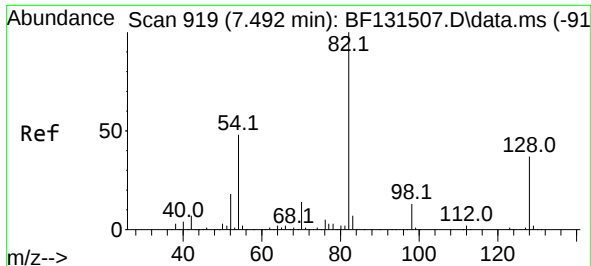
Tgt Ion: 99 Resp: 1275147  
Ion Ratio Lower Upper  
99 100  
42 17.4 16.6 25.0  
71 39.5 34.4 51.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.210 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: BF131515.D  
Acq: 05 Dec 2022 23:28

Tgt Ion: 136 Resp: 486765  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 5.8 5.0 7.6  
68 4.0 3.6 5.4

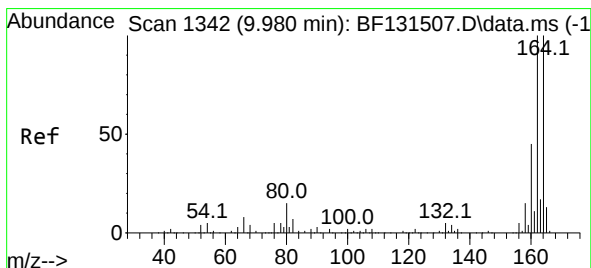
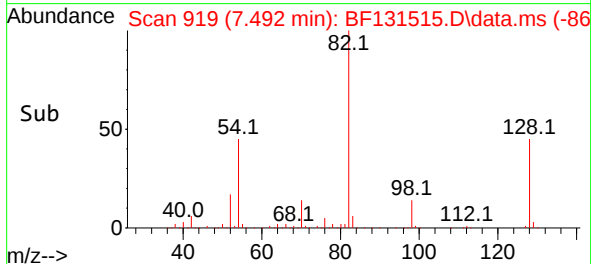
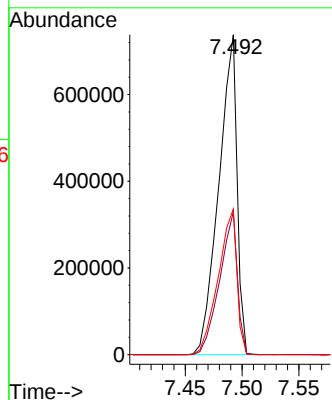
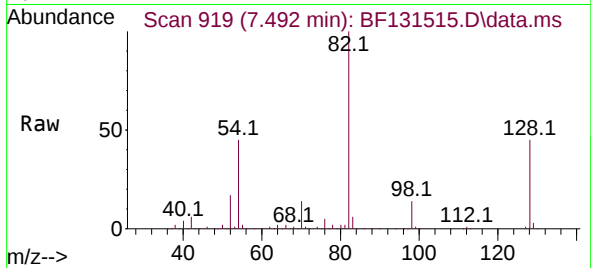




#23  
Nitrobenzene-d5  
Concen: 77.512 ng  
RT: 7.492 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BF131515.D  
Acq: 05 Dec 2022 23:28

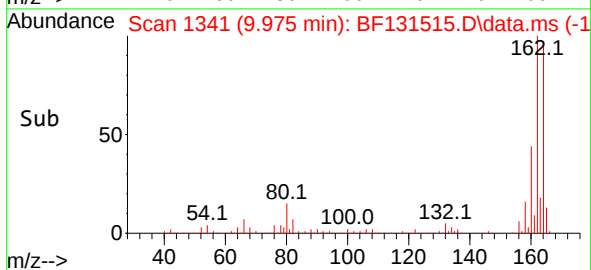
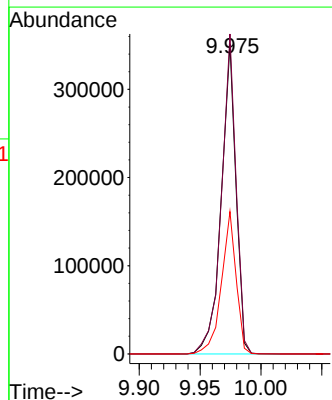
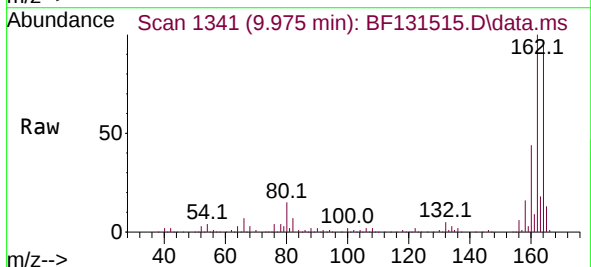
Instrument :  
BNA\_F  
ClientSampleId :  
PB149384BL

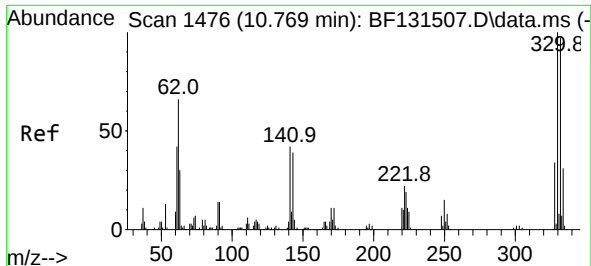
Tgt Ion: 82 Resp: 822075  
Ion Ratio Lower Upper  
82 100  
128 44.6 29.7 44.5#  
54 45.5 38.7 58.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.975 min Scan# 1341  
Delta R.T. -0.005 min  
Lab File: BF131515.D  
Acq: 05 Dec 2022 23:28

Tgt Ion:164 Resp: 295649  
Ion Ratio Lower Upper  
164 100  
162 103.3 80.1 120.1  
160 45.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 174.603 ng

RT: 10.774 min Scan# 1476

Delta R.T. 0.005 min

Lab File: BF131515.D

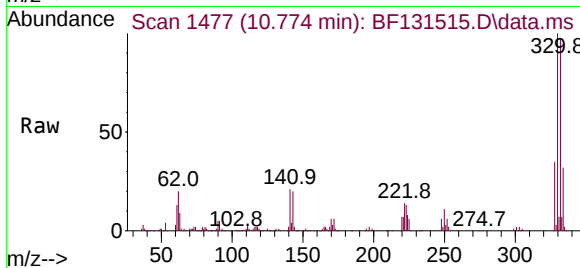
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Instrument :

BNA\_F

ClientSampleId :

PB149384BL



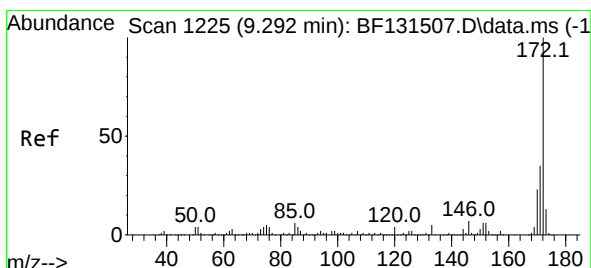
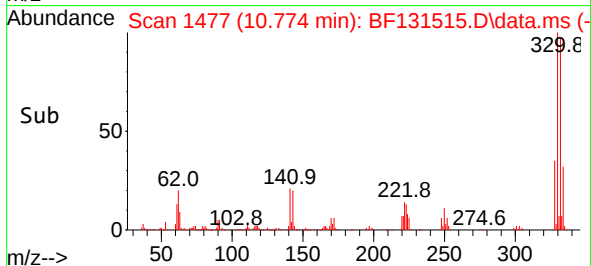
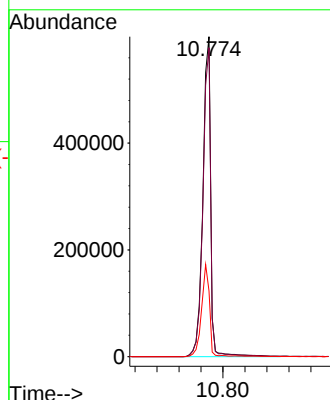
Tgt Ion:330 Resp: 587776

Ion Ratio Lower Upper

330 100

332 96.1 78.2 117.2

141 29.0 29.1 43.7#



#45

2-Fluorobiphenyl

Concen: 84.529 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BF131515.D

Acq: 05 Dec 2022 23:28

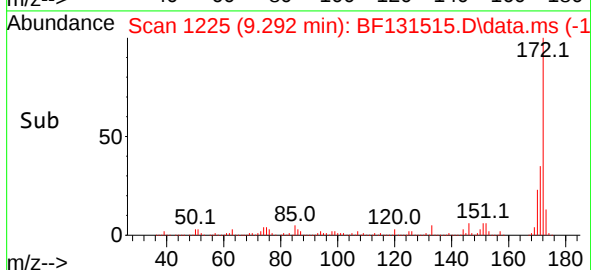
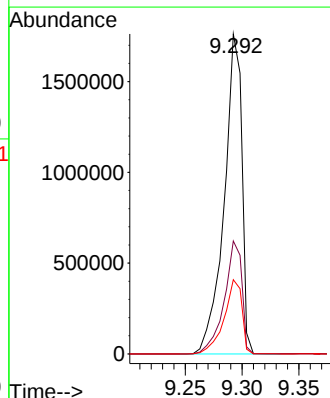
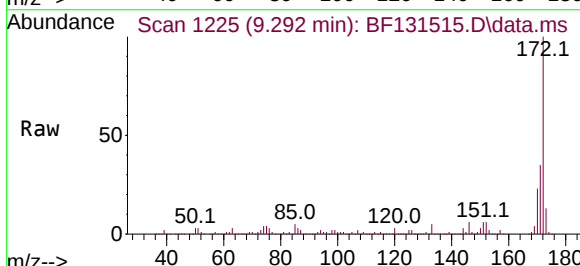
Tgt Ion:172 Resp: 1905000

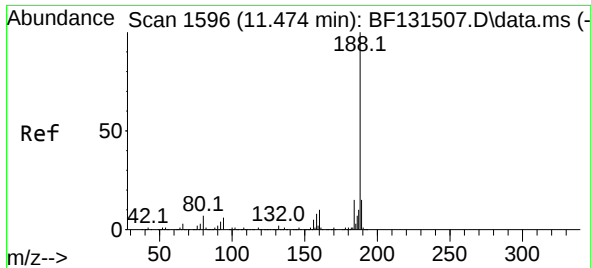
Ion Ratio Lower Upper

172 100

171 35.3 27.8 41.8

170 23.2 18.7 28.1

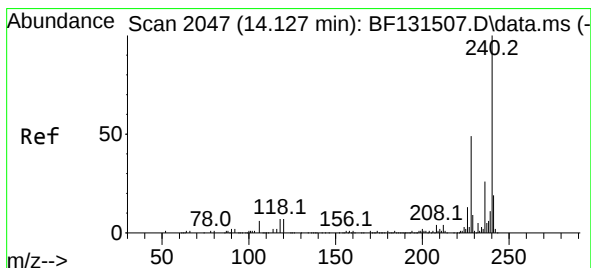
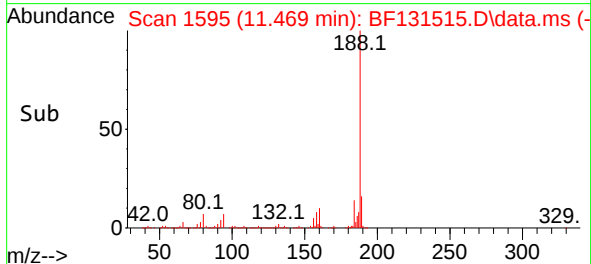
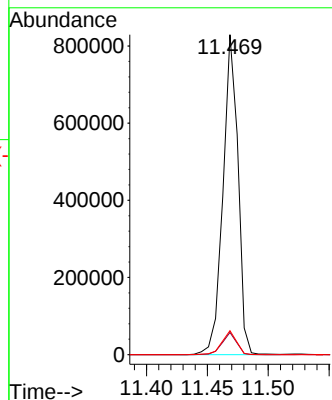
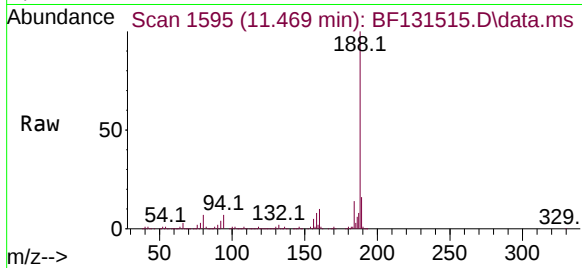




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.469 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF131515.D  
Acq: 05 Dec 2022 23:28

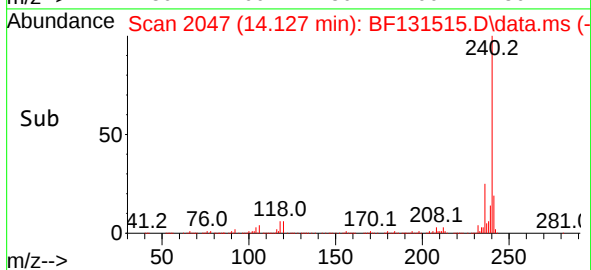
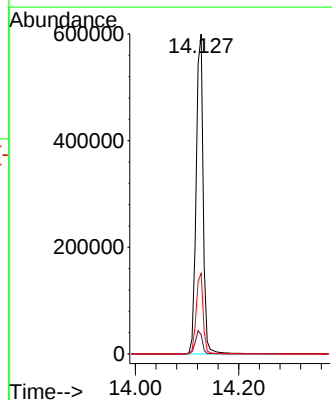
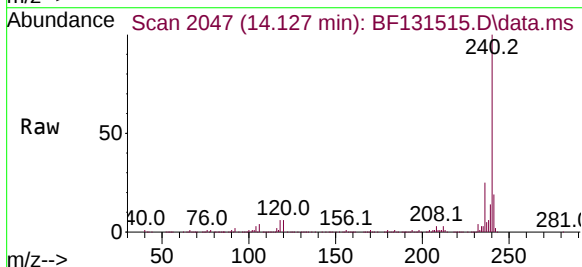
Instrument :  
BNA\_F  
ClientSampleId :  
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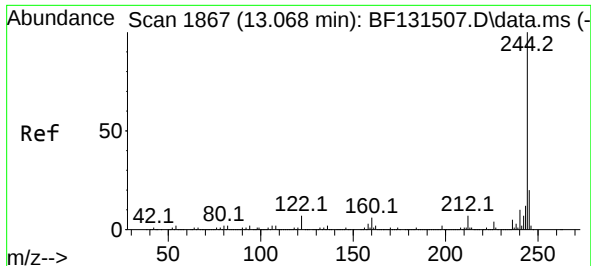
Tgt Ion:188 Resp: 709636  
Ion Ratio Lower Upper  
188 100  
94 6.9 5.1 7.7  
80 7.5 5.9 8.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.127 min Scan# 2047  
Delta R.T. 0.000 min  
Lab File: BF131515.D  
Acq: 05 Dec 2022 23:28

Tgt Ion:240 Resp: 564398  
Ion Ratio Lower Upper  
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120 6.0 5.6 8.4  
236 25.2 20.6 31.0

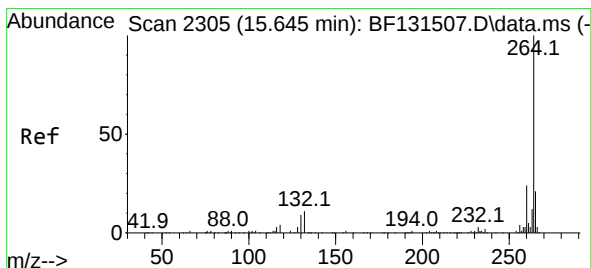
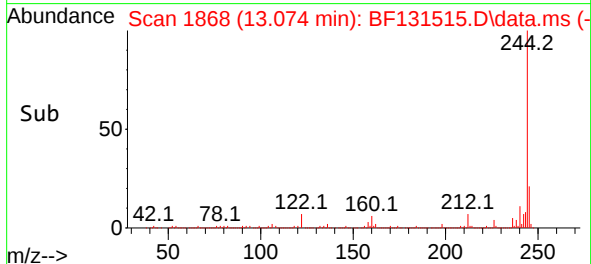
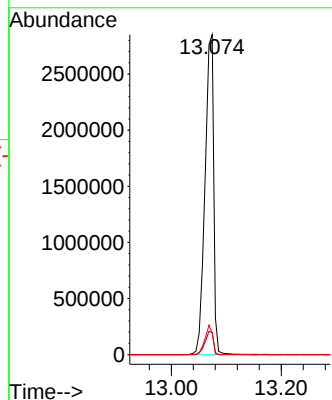
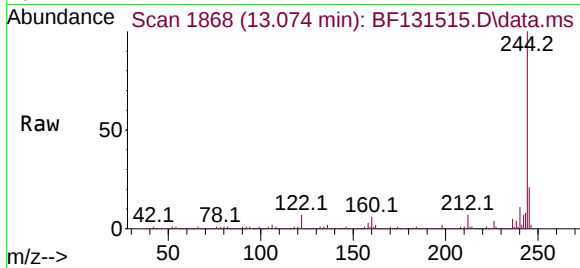




#79  
 Terphenyl-d14  
 Concen: 83.106 ng  
 RT: 13.074 min Scan# 1868  
 Delta R.T. 0.006 min  
 Lab File: BF131515.D  
 Acq: 05 Dec 2022 23:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149384BL

Tgt Ion:244 Resp: 3105921  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 6.7 5.4 8.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.651 min Scan# 2306  
 Delta R.T. 0.006 min  
 Lab File: BF131515.D  
 Acq: 05 Dec 2022 23:28

Tgt Ion:264 Resp: 444940  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.0 28.4  
 265 21.1 17.0 25.4

