

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052722\  
 Data File : BF128511.D  
 Acq On : 27 May 2022 15:41  
 Operator : CG\JU  
 Sample : N2922-13  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P024-SS002-0006-01

Quant Time: May 27 23:18:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 27 01:51:59 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.839  | 152  | 213359   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 837801   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.875  | 164  | 485576   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 884156   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 491757   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.462 | 264  | 415436   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.457  | 112  | 1387678  | 107.732 | ng    | 0.00     |
| 7) Phenol-d6                | 6.463  | 99   | 1801917  | 109.716 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 1213414  | 83.552  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 529639   | 114.594 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 2250354  | 75.293  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 2263616  | 88.930  | ng    | 0.00     |

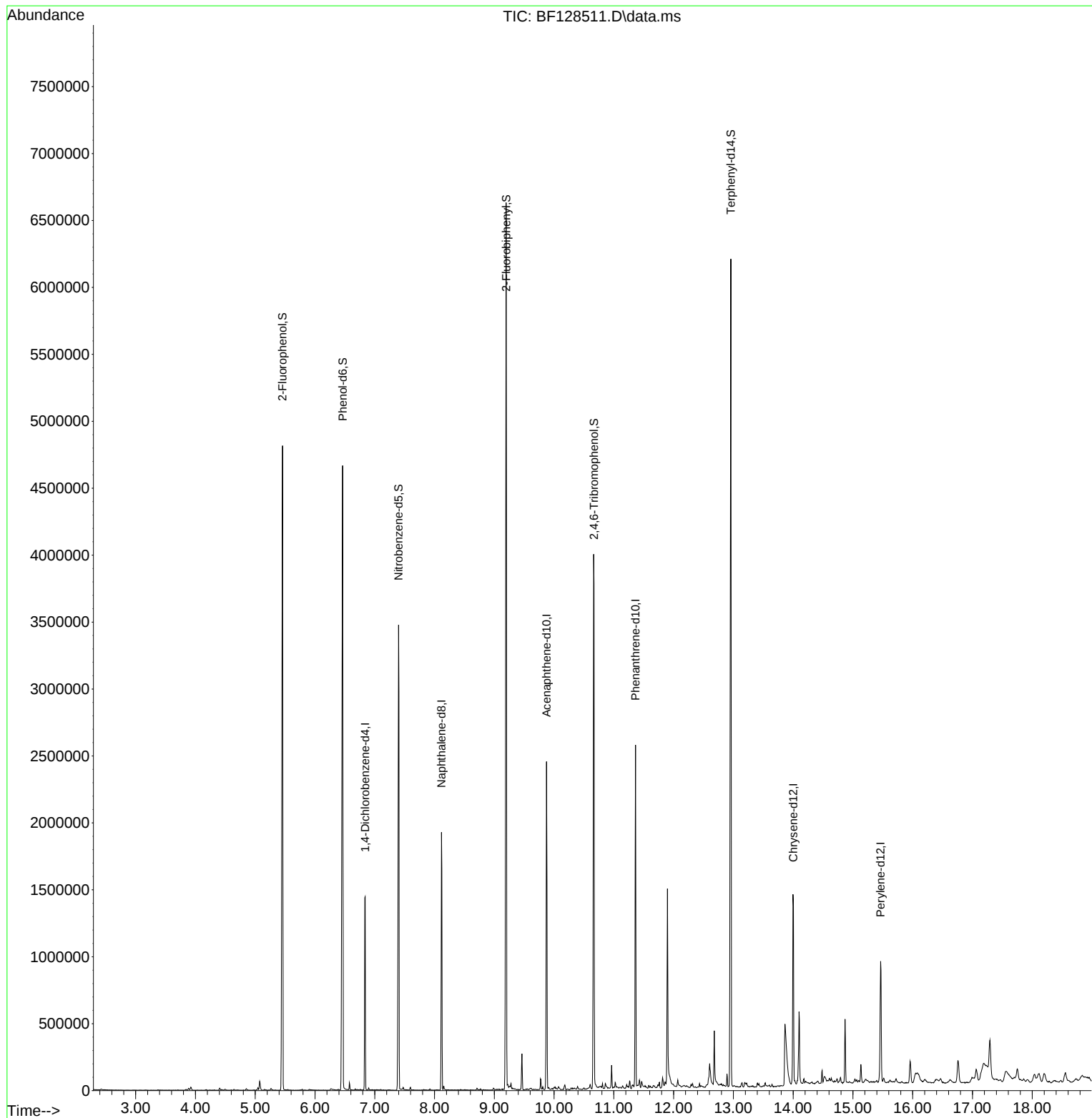
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

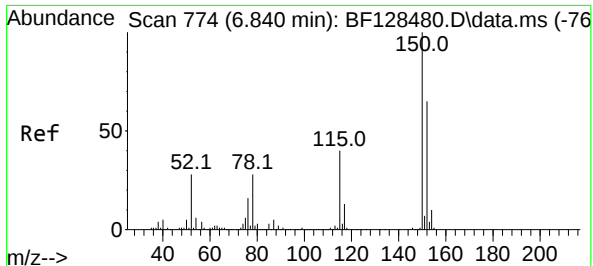
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052722\  
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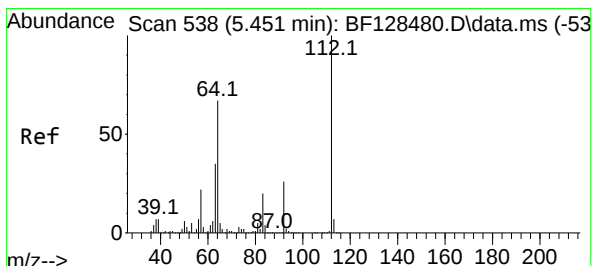
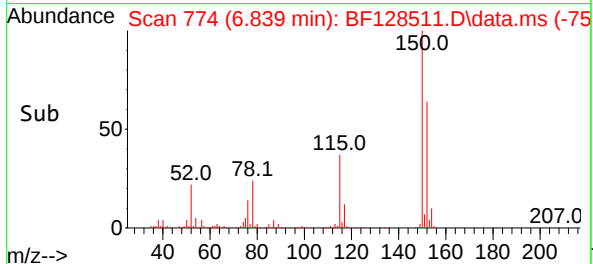
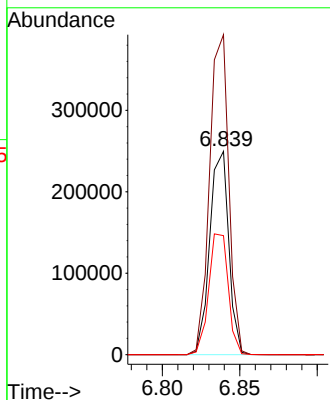
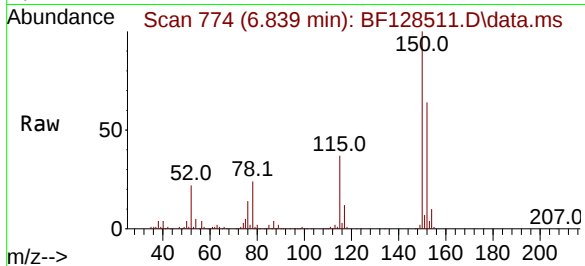




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BF128511.D  
Acq: 27 May 2022 15:41

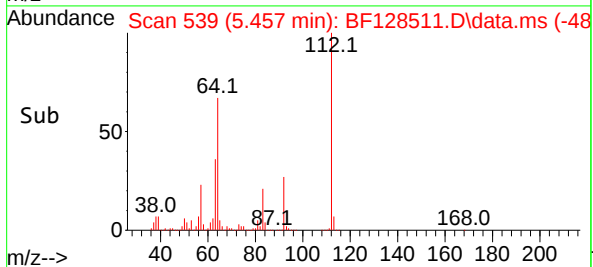
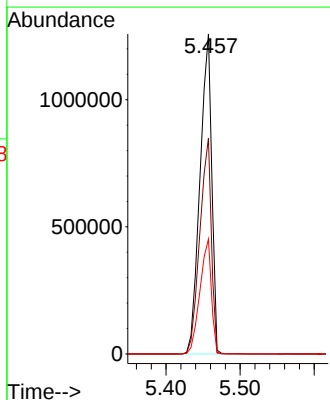
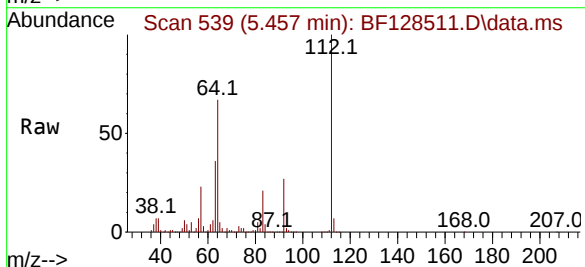
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS002-0006-01

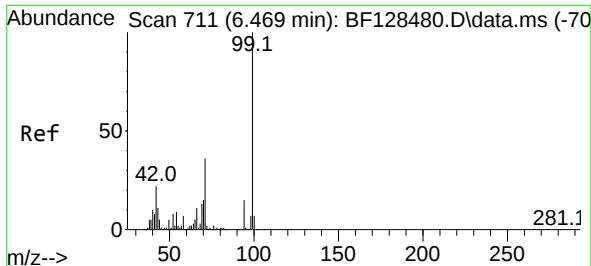
Tgt Ion:152 Resp: 213359  
Ion Ratio Lower Upper  
152 100  
150 157.3 123.7 185.5  
115 58.5 49.9 74.9



#5  
2-Fluorophenol  
Concen: 107.732 ng  
RT: 5.457 min Scan# 539  
Delta R.T. 0.006 min  
Lab File: BF128511.D  
Acq: 27 May 2022 15:41

Tgt Ion:112 Resp: 1387678  
Ion Ratio Lower Upper  
112 100  
64 67.5 53.3 79.9  
63 35.9 28.0 42.0

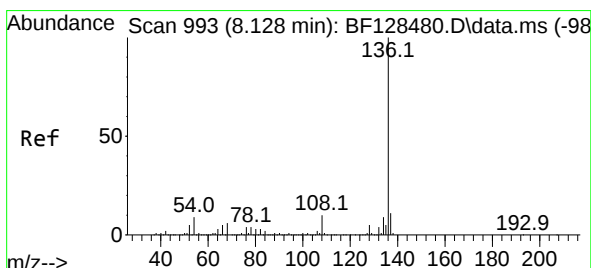
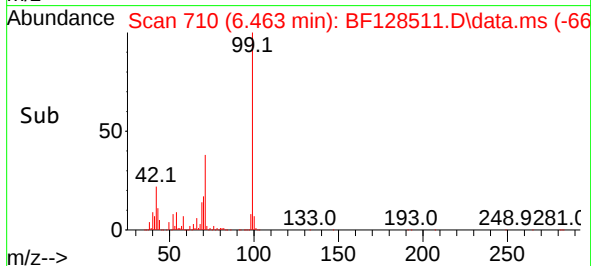
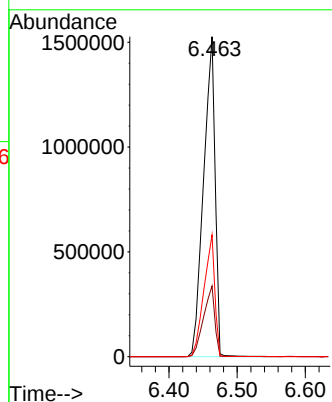
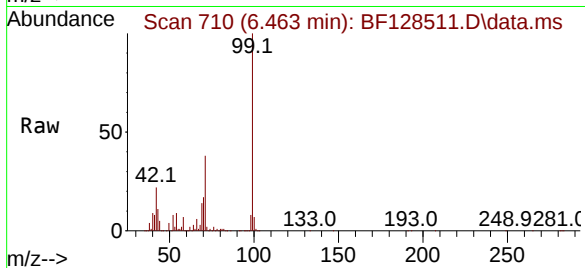




#7  
Phenol-d6  
Concen: 109.716 ng  
RT: 6.463 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF128511.D  
Acq: 27 May 2022 15:41

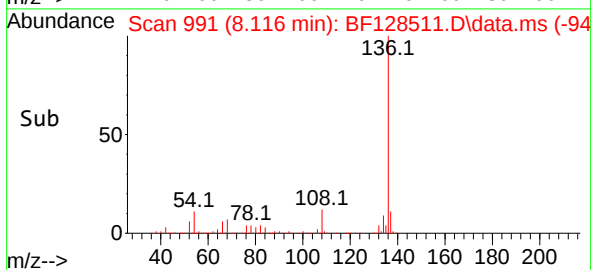
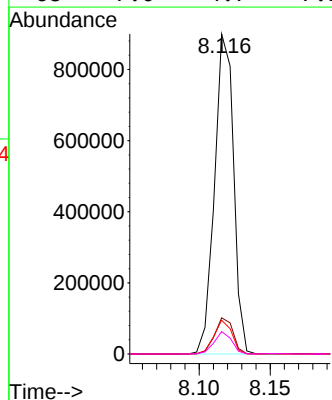
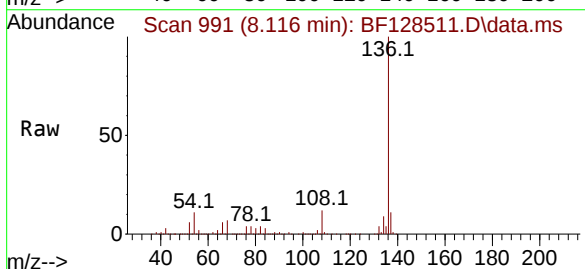
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS002-0006-01

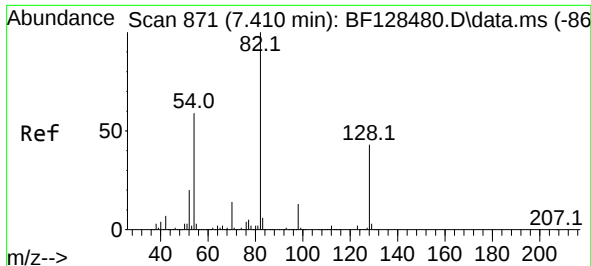
Tgt Ion: 99 Resp: 1801917  
Ion Ratio Lower Upper  
99 100  
42 22.1 17.3 25.9  
71 38.0 28.9 43.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.116 min Scan# 991  
Delta R.T. -0.012 min  
Lab File: BF128511.D  
Acq: 27 May 2022 15:41

Tgt Ion: 136 Resp: 837801  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.8 13.2  
54 10.5 7.5 11.3  
68 7.0 4.7 7.1

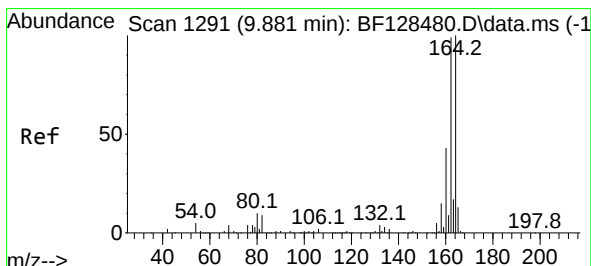
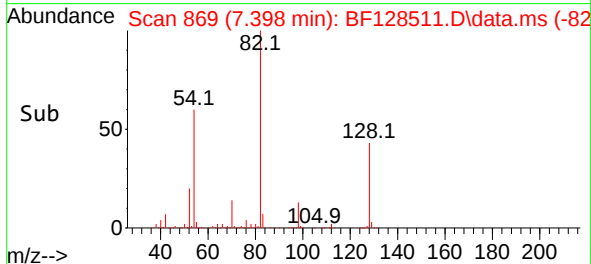
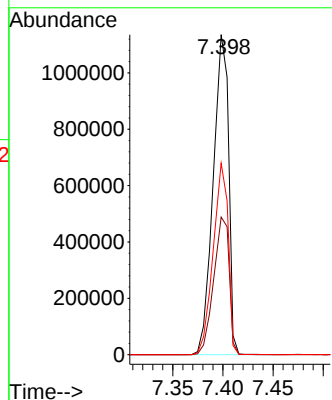
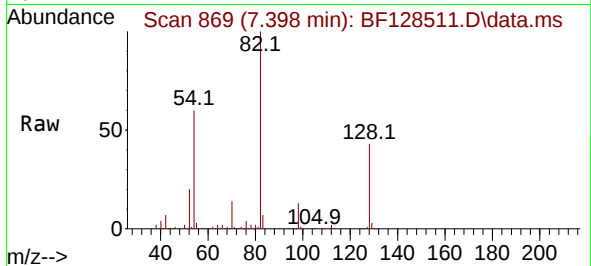




#23  
Nitrobenzene-d5  
Concen: 83.552 ng  
RT: 7.398 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128511.D  
Acq: 27 May 2022 15:41

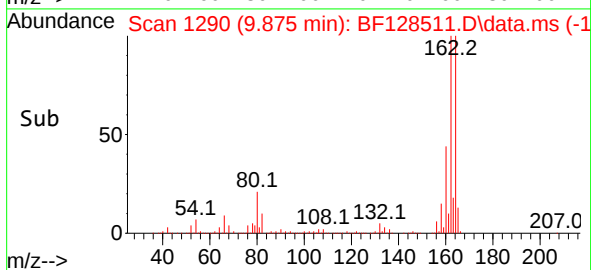
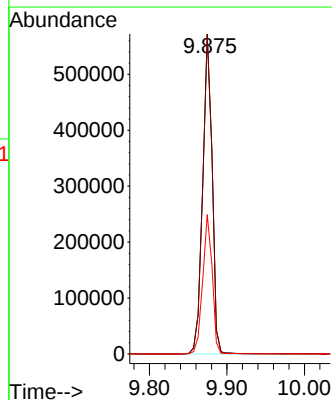
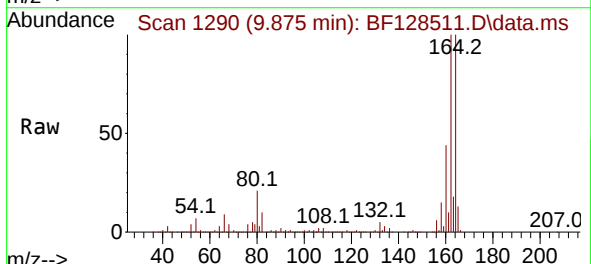
Instrument :  
BNA\_F  
ClientSampleId :  
P024-SS002-0006-01

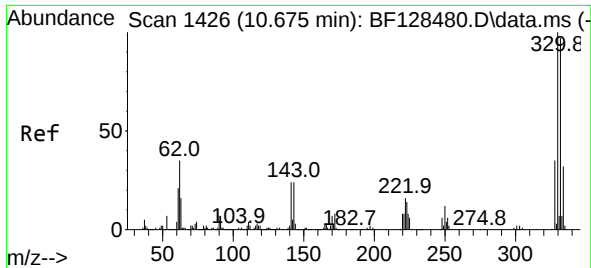
Tgt Ion: 82 Resp: 1213414  
Ion Ratio Lower Upper  
82 100  
128 43.0 34.0 51.0  
54 59.8 46.9 70.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.875 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BF128511.D  
Acq: 27 May 2022 15:41

Tgt Ion:164 Resp: 485576  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.5 119.3  
160 43.6 34.2 51.4

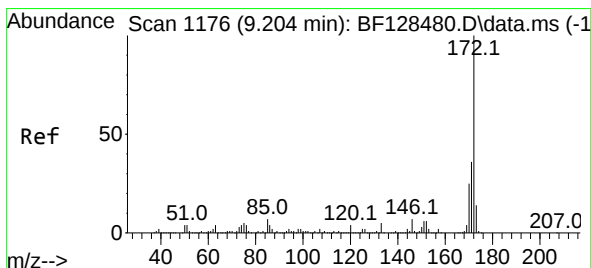
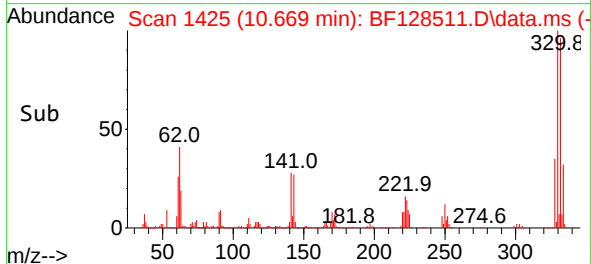
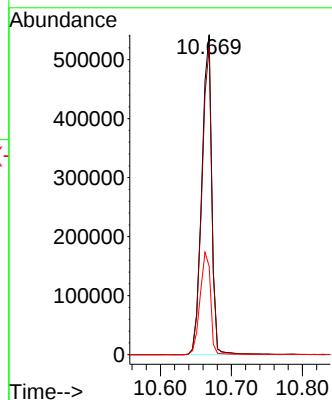
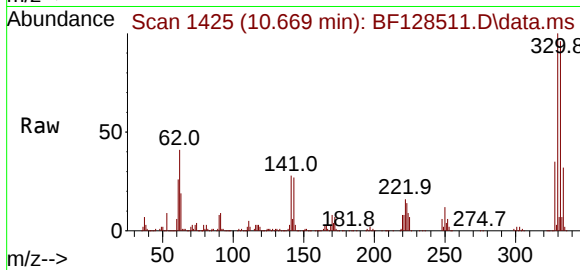




#42  
 2,4,6-Tribromophenol  
 Concen: 114.594 ng  
 RT: 10.669 min Scan# 1426  
 Delta R.T. -0.006 min  
 Lab File: BF128511.D  
 Acq: 27 May 2022 15:41

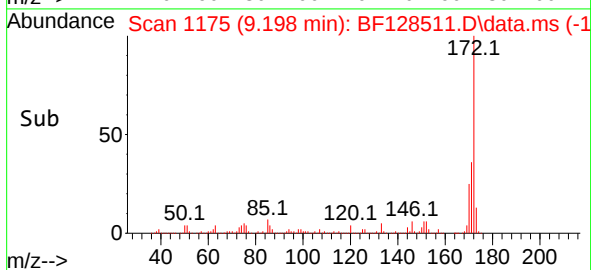
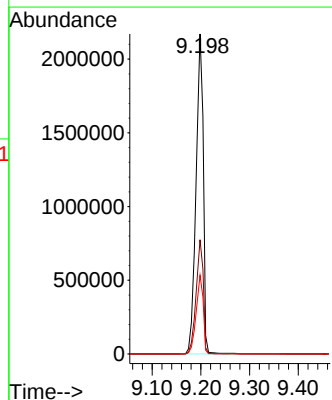
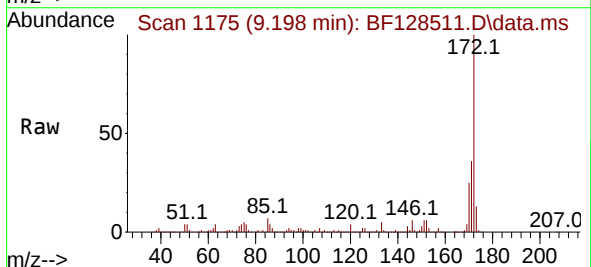
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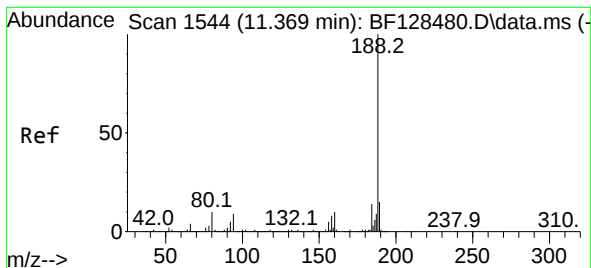
Tgt Ion:330 Resp: 529639  
 Ion Ratio Lower Upper  
 330 100  
 332 96.0 76.8 115.2  
 141 33.8 28.0 42.0



#45  
 2-Fluorobiphenyl  
 Concen: 75.293 ng  
 RT: 9.198 min Scan# 1175  
 Delta R.T. -0.006 min  
 Lab File: BF128511.D  
 Acq: 27 May 2022 15:41

Tgt Ion:172 Resp: 2250354  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 28.8 43.2  
 170 24.6 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128511.D

Acq: 27 May 2022 15:41

Instrument :

BNA\_F

ClientSampleId :

P024-SS002-0006-01

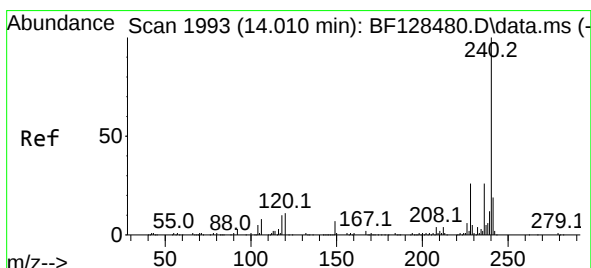
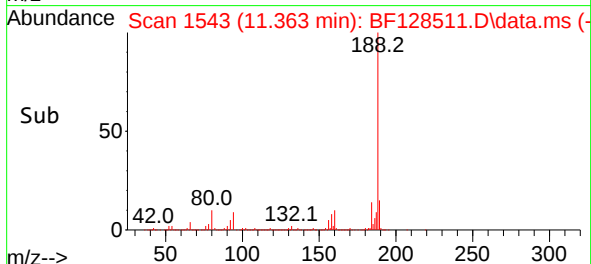
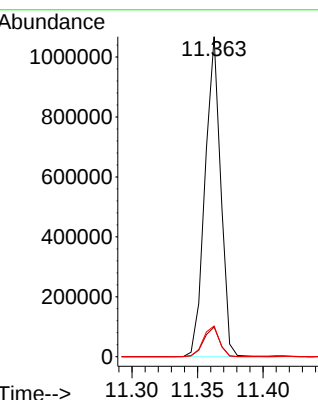
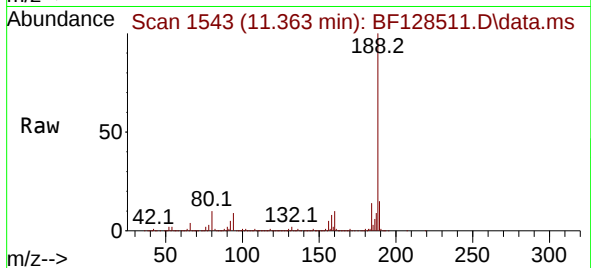
Tgt Ion:188 Resp: 884156

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.6 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF128511.D

Acq: 27 May 2022 15:41

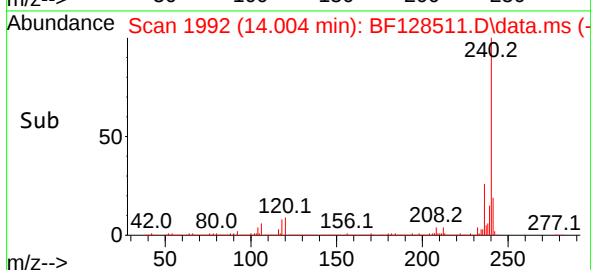
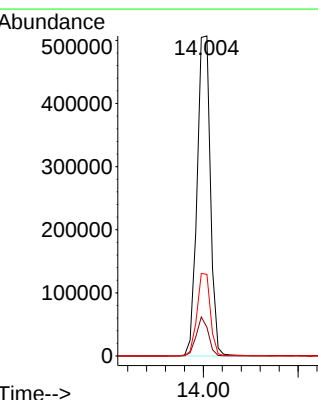
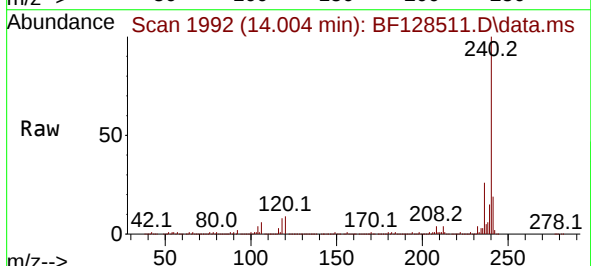
Tgt Ion:240 Resp: 491757

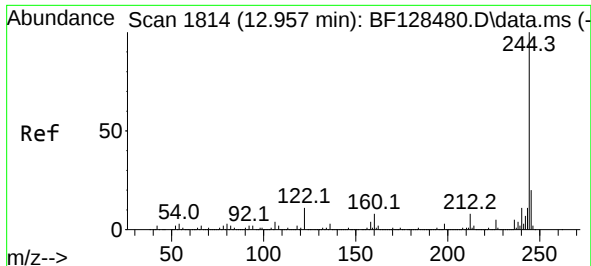
Ion Ratio Lower Upper

240 100

120 9.0 8.9 13.3

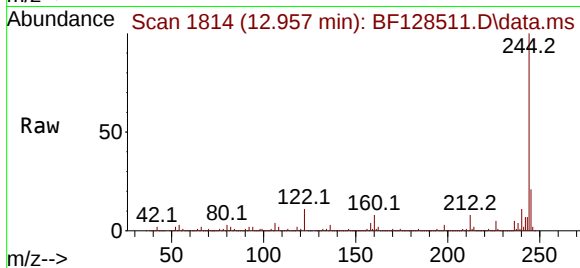
236 25.5 20.8 31.2





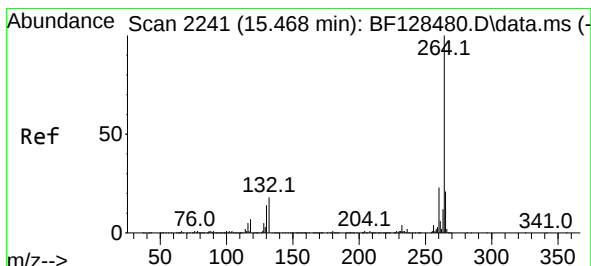
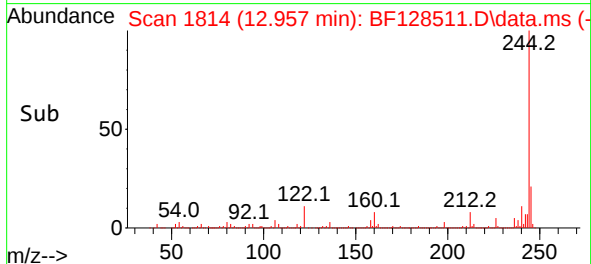
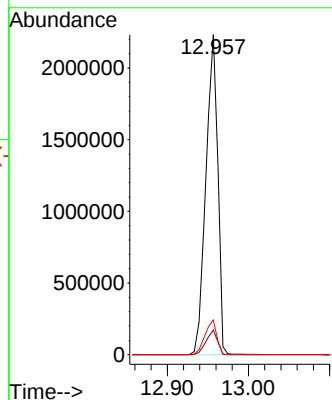
#79  
 Terphenyl-d14  
 Concen: 88.930 ng  
 RT: 12.957 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF128511.D  
 Acq: 27 May 2022 15:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P024-SS002-0006-01



Tgt Ion:244 Resp: 2263616  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.7   | 6.1   | 9.1   |
| 122 | 10.9  | 8.8   | 13.2  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.462 min Scan# 2240  
 Delta R.T. -0.006 min  
 Lab File: BF128511.D  
 Acq: 27 May 2022 15:41

Tgt Ion:264 Resp: 415436  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 18.4  | 27.6  |
| 265 | 21.8  | 17.2  | 25.8  |

