

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052722\  
 Data File : BF128501.D  
 Acq On : 27 May 2022 10:40  
 Operator : CG\JU  
 Sample : N2927-04  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P010-SS003-1824-01

Quant Time: May 27 23:17:30 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  | 200588   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.122  | 136  | 795045   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.875  | 164  | 464361   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.363 | 188  | 898616   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.004 | 240  | 634407   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.462 | 264  | 434315   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.457  | 112  | 1573388  | 129.926 | ng    | 0.00     |
| 7) Phenol-d6                | 6.463  | 99   | 2057070  | 133.226 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 1367515  | 99.226  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.669 | 330  | 629931   | 142.521 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 2349220  | 82.191  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 2716628  | 82.729  | ng    | 0.00     |

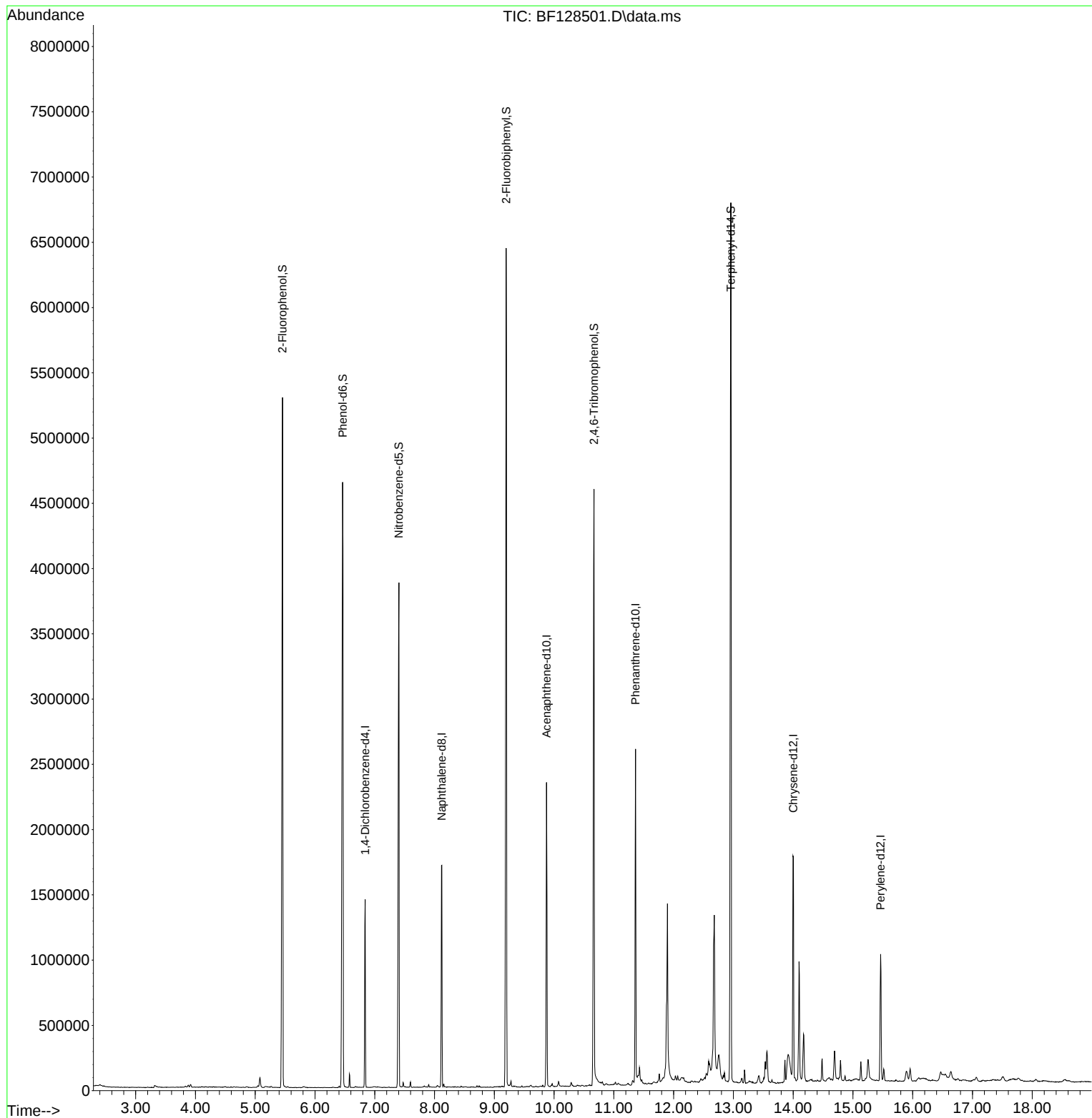
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

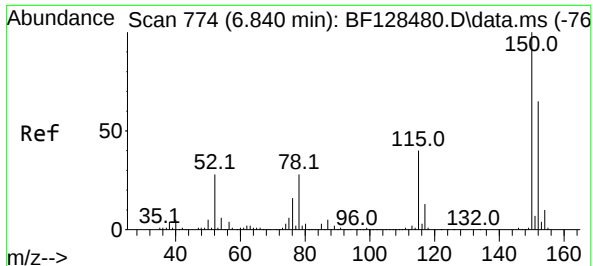
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052722\  
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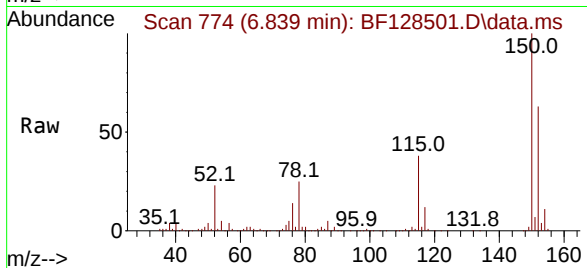
Quant Time: May 27 23:17:30 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri May 27 01:51:59 2022  
Response via : Initial Calibration



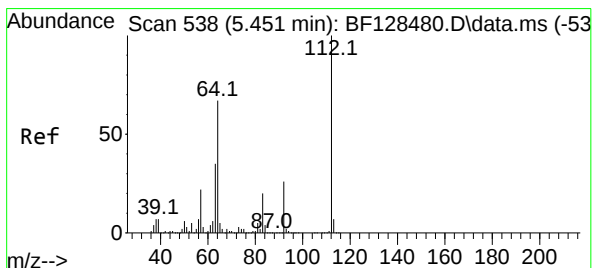
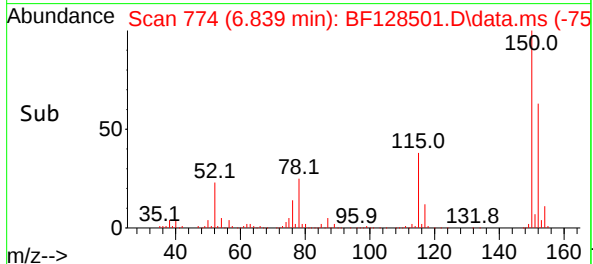
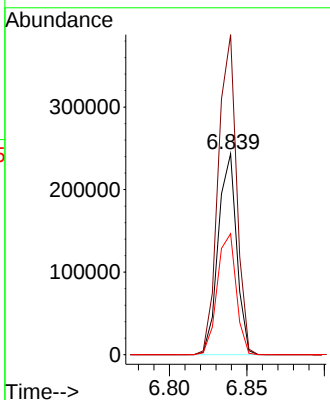


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.839 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BF128501.D  
Acq: 27 May 2022 10:40

Instrument :  
BNA\_F  
ClientSampleId :  
P010-SS003-1824-01

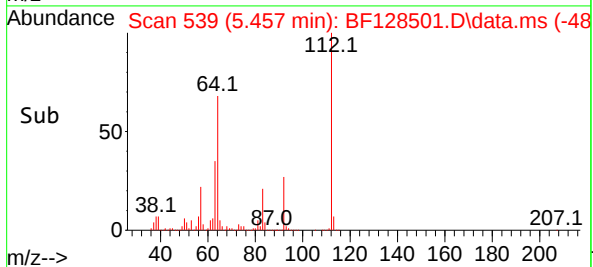
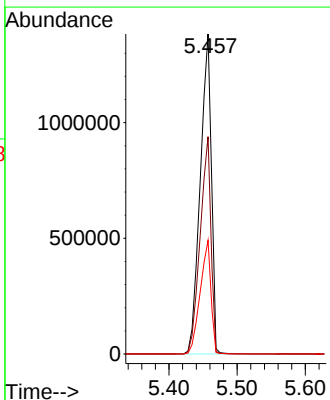
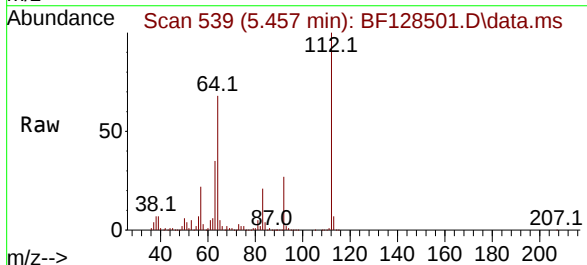


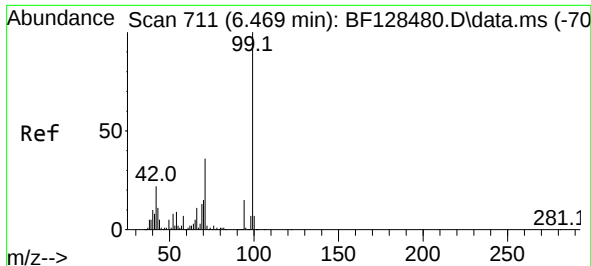
Tgt Ion:152 Resp: 200588  
Ion Ratio Lower Upper  
152 100  
150 159.2 123.7 185.5  
115 60.2 49.9 74.9



#5  
2-Fluorophenol  
Concen: 129.926 ng  
RT: 5.457 min Scan# 539  
Delta R.T. 0.006 min  
Lab File: BF128501.D  
Acq: 27 May 2022 10:40

Tgt Ion:112 Resp: 1573388  
Ion Ratio Lower Upper  
112 100  
64 67.9 53.3 79.9  
63 35.5 28.0 42.0



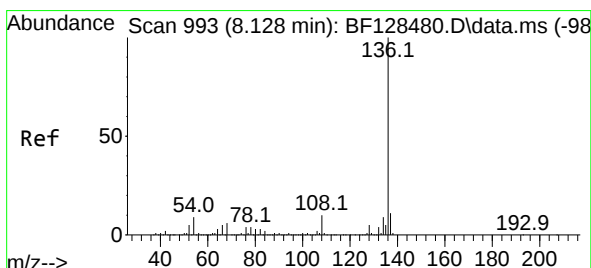
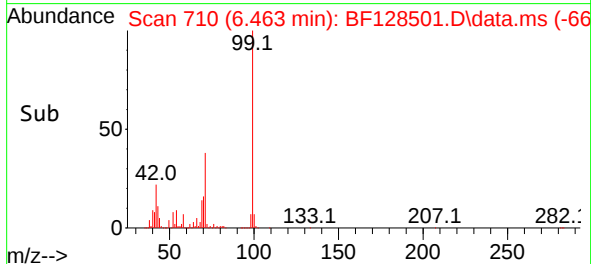
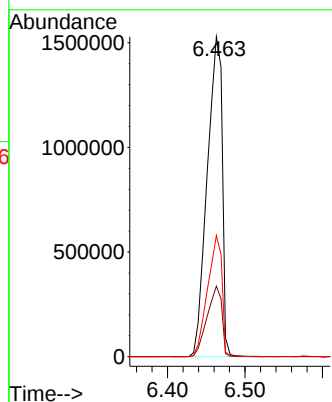
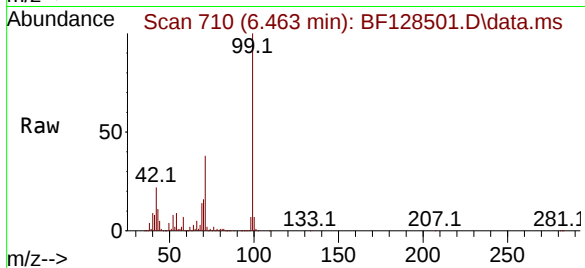


#7  
Phenol-d6  
Concen: 133.226 ng  
RT: 6.463 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BF128501.D  
Acq: 27 May 2022 10:40

Instrument :  
BNA\_F  
ClientSampleId :  
P010-SS003-1824-01

Tgt Ion: 99 Resp: 2057070

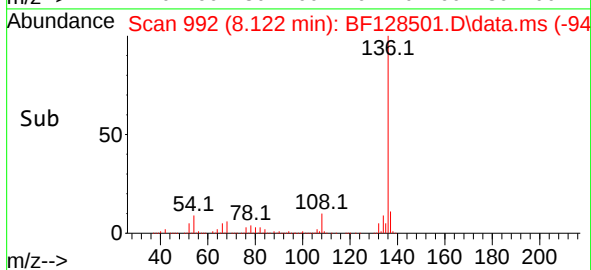
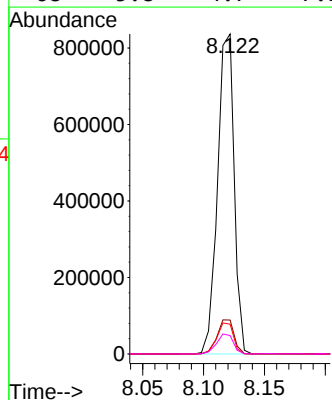
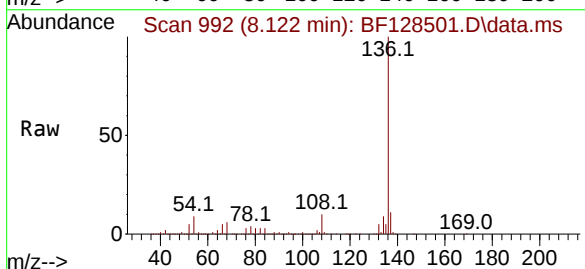
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.1  | 17.3  | 25.9  |
| 71  | 37.9  | 28.9  | 43.3  |

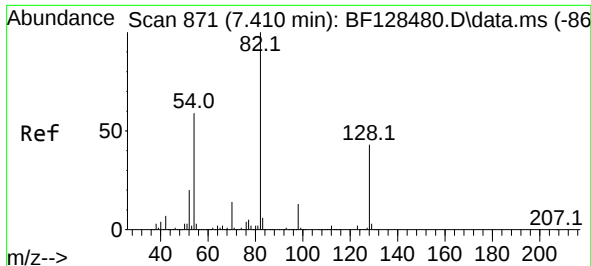


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: BF128501.D  
Acq: 27 May 2022 10:40

Tgt Ion: 136 Resp: 795045

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.6  | 8.8   | 13.2  |
| 54  | 9.3   | 7.5   | 11.3  |
| 68  | 5.8   | 4.7   | 7.1   |





#23

Nitrobenzene-d5

Concen: 99.226 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128501.D

Acq: 27 May 2022 10:40

Instrument :

BNA\_F

ClientSampleId :

P010-SS003-1824-01

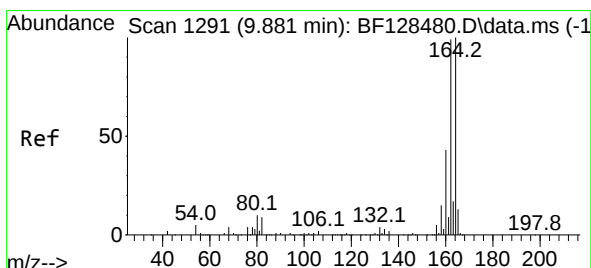
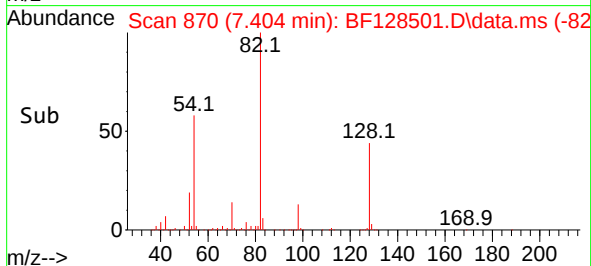
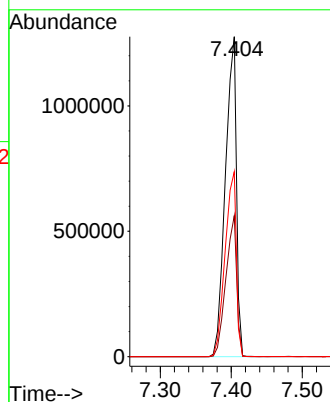
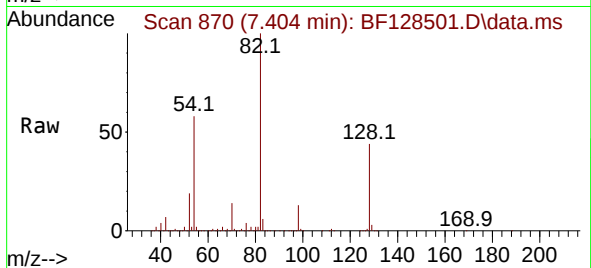
Tgt Ion: 82 Resp: 1367515

Ion Ratio Lower Upper

82 100

128 44.1 34.0 51.0

54 57.8 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: BF128501.D

Acq: 27 May 2022 10:40

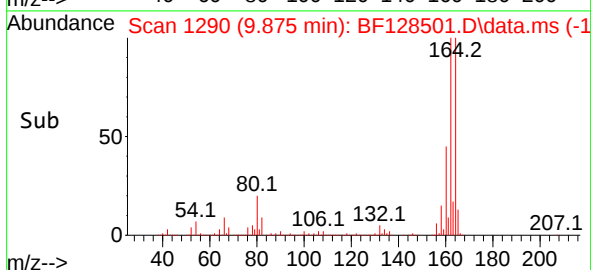
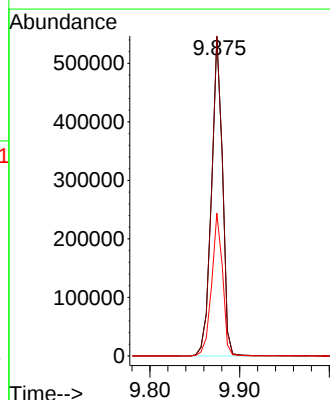
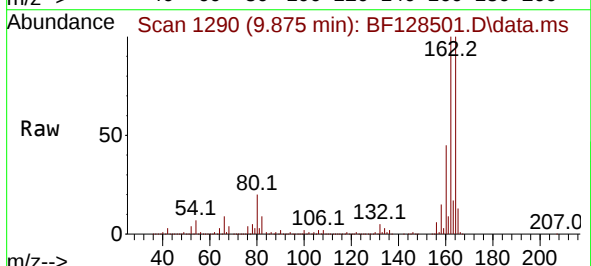
Tgt Ion:164 Resp: 464361

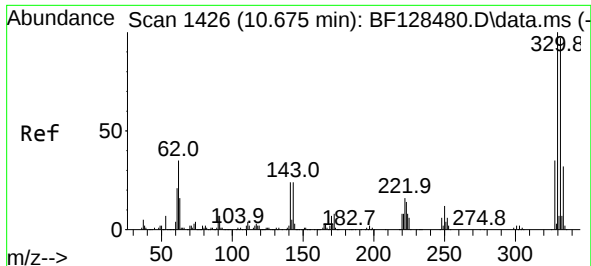
Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 142.521 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.006 min

Lab File: BF128501.D

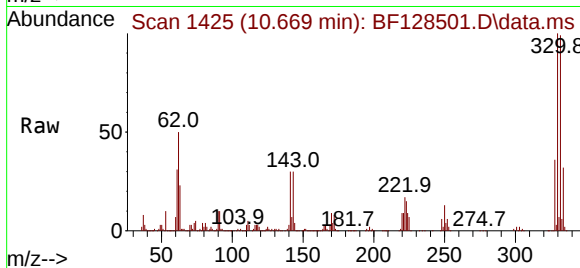
Acq: 27 May 2022 10:40

Instrument :

BNA\_F

ClientSampleId :

P010-SS003-1824-01



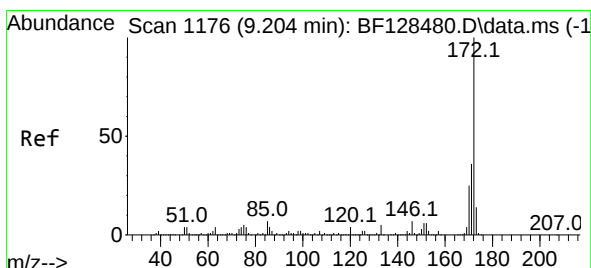
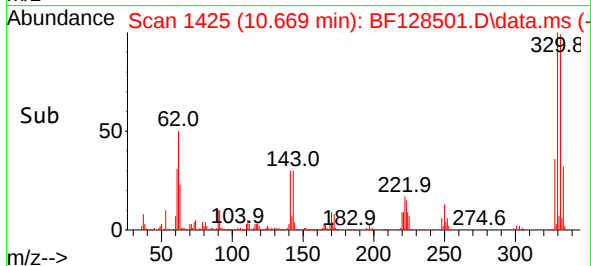
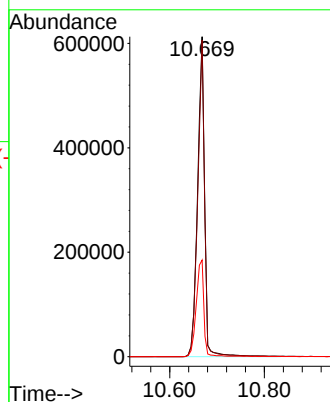
Tgt Ion:330 Resp: 629931

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 33.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.191 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128501.D

Acq: 27 May 2022 10:40

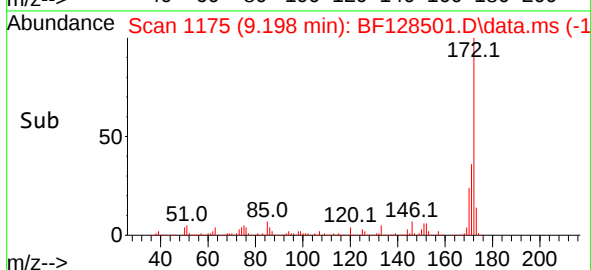
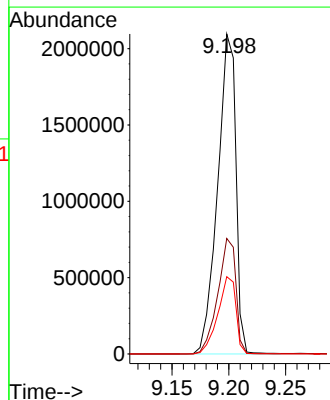
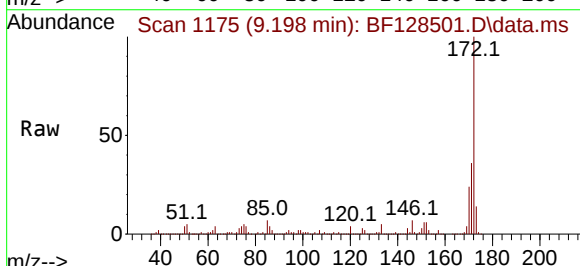
Tgt Ion:172 Resp: 2349220

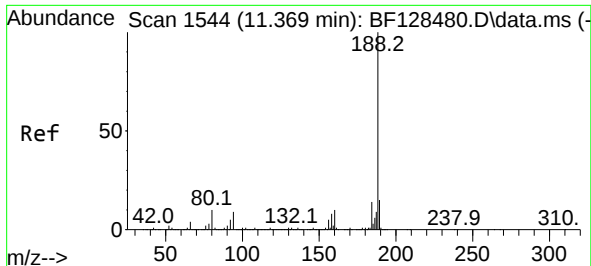
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.2 19.8 29.8

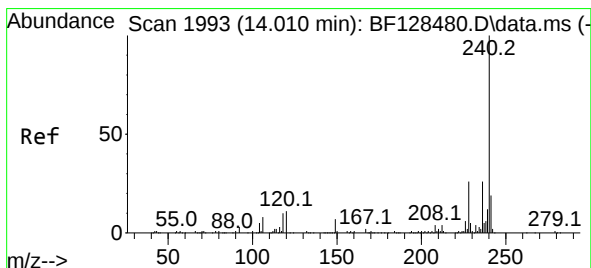
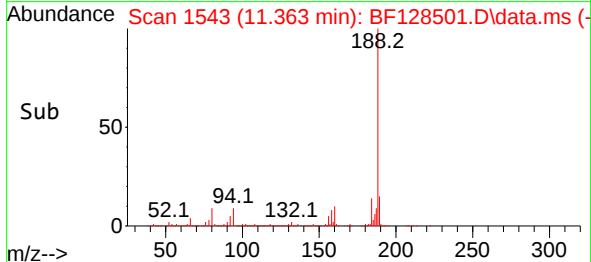
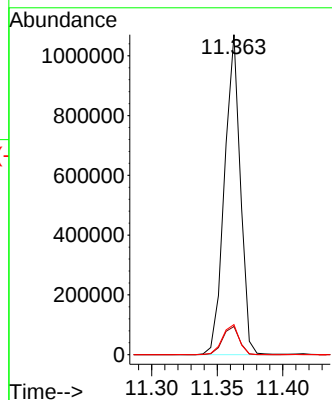
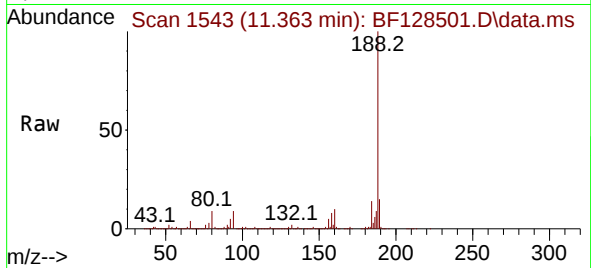




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.363 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128501.D  
Acq: 27 May 2022 10:40

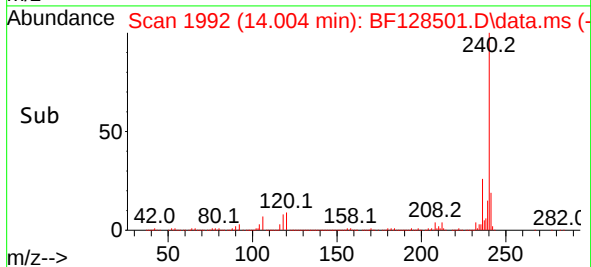
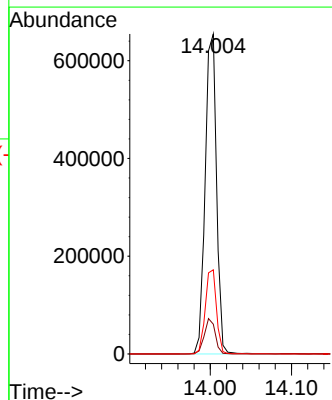
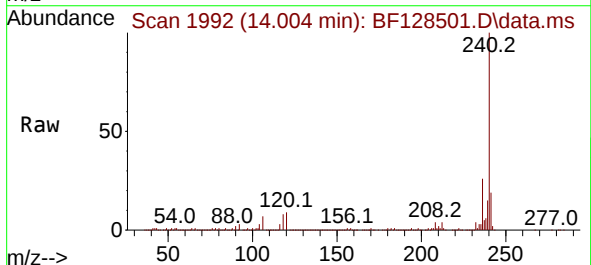
Instrument :  
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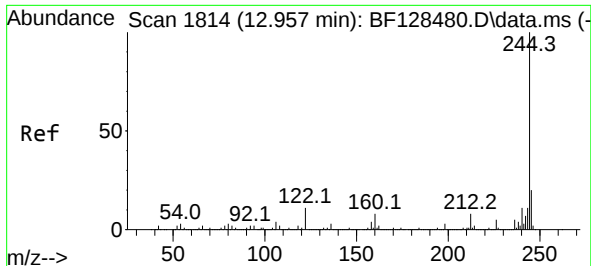
Tgt Ion:188 Resp: 898616  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.0 10.6  
80 9.4 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.004 min Scan# 1992  
Delta R.T. -0.006 min  
Lab File: BF128501.D  
Acq: 27 May 2022 10:40

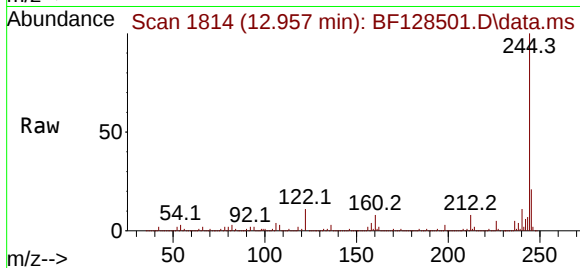
Tgt Ion:240 Resp: 634407  
Ion Ratio Lower Upper  
240 100  
120 9.3 8.9 13.3  
236 26.3 20.8 31.2





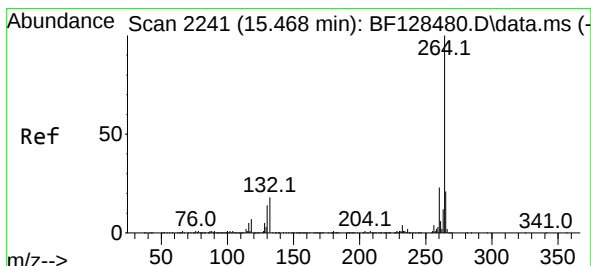
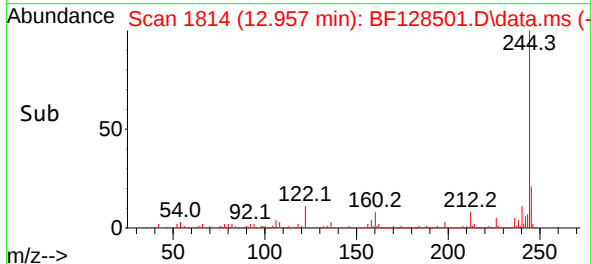
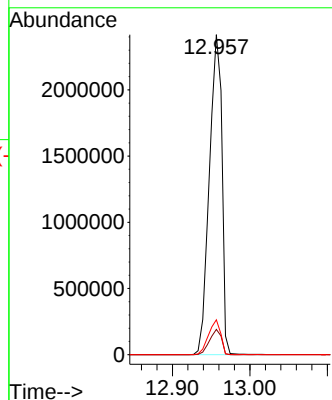
#79  
 Terphenyl-d14  
 Concen: 82.729 ng  
 RT: 12.957 min Scan# 1814  
 Delta R.T. -0.000 min  
 Lab File: BF128501.D  
 Acq: 27 May 2022 10:40

Instrument :  
 BNA\_F  
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 P010-SS003-1824-01



Tgt Ion:244 Resp: 2716628  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.9   | 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: BF128501.D  
 Acq: 27 May 2022 10:40

Tgt Ion:264 Resp: 434315  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 18.4  | 27.6  |
| 265 | 22.0  | 17.2  | 25.8  |

