

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072821\  
 Data File : BF124820.D  
 Acq On : 28 Jul 2021 10:55  
 Operator : JU/CG  
 Sample : M3200-05  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GS-3

Quant Time: Jul 28 11:51:35 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 22 15:28:57 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 5928     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 23679    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 13859    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.398 | 188  | 28467    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 21216    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.510 | 264  | 15920    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.493  | 112  | 38360    | 109.564 | ng    | 0.01     |
| 7) Phenol-d6                | 6.498  | 99   | 46703    | 106.404 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.434  | 82   | 30764    | 77.326  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.698 | 330  | 15244    | 128.108 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 66683    | 70.669  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.986 | 244  | 86868    | 70.185  | ng    | 0.00     |

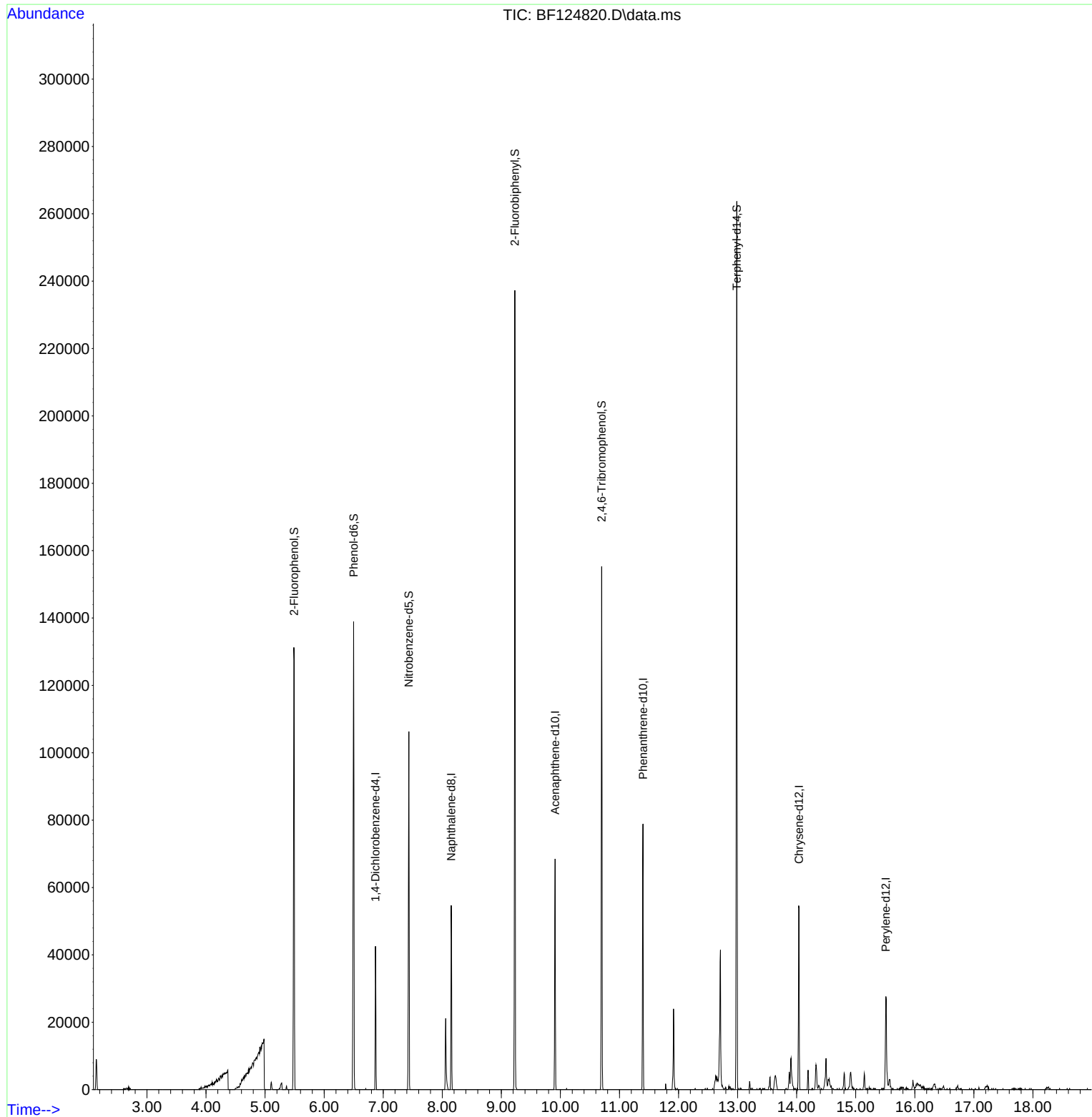
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

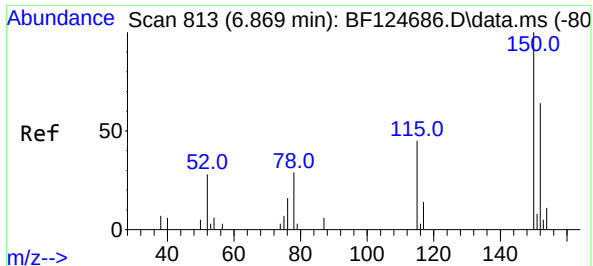
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 22 15:28:57 2021  
Response via : Initial Calibration

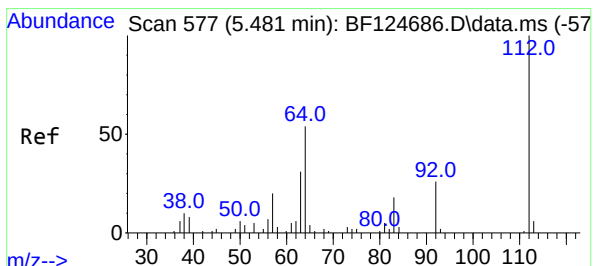
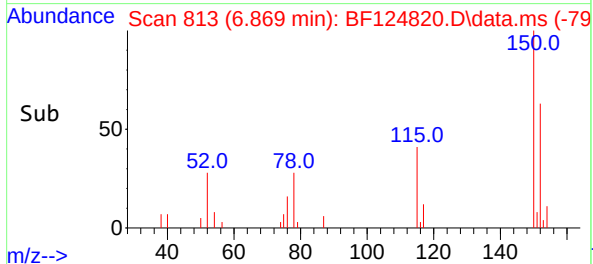
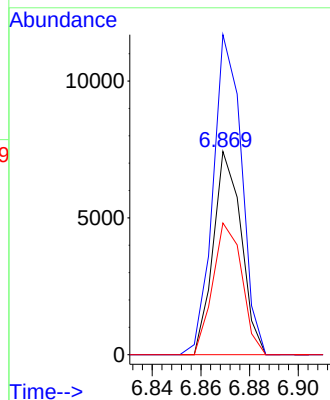
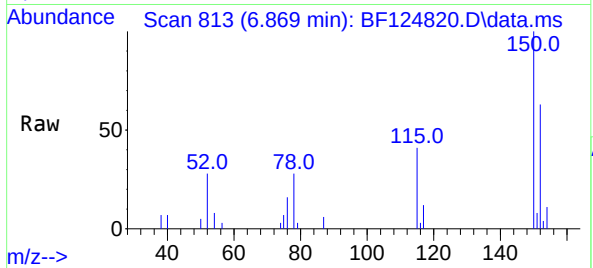




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.869 min Scan# 813  
Delta R.T. 0.000 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

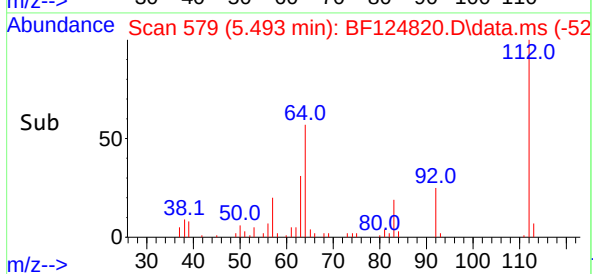
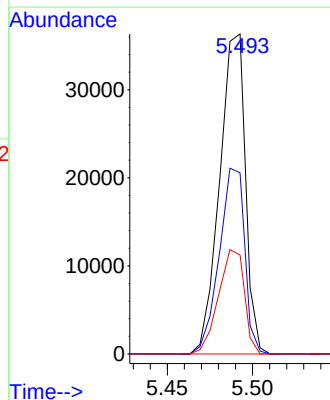
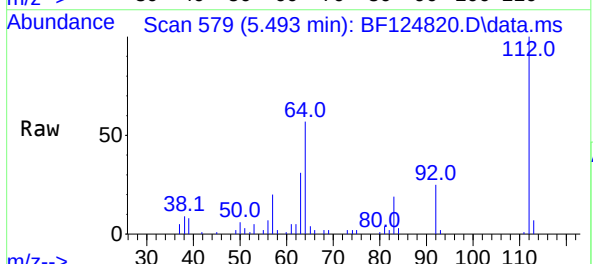
Instrument :  
BNA\_F  
ClientSampleId :  
GS-3

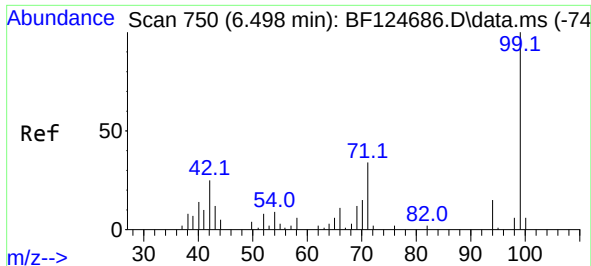
Tgt Ion:152 Resp: 5928  
Ion Ratio Lower Upper  
152 100  
150 157.5 117.6 176.4  
115 64.8 47.1 70.7



#5  
2-Fluorophenol  
Concen: 109.564 ng  
RT: 5.493 min Scan# 579  
Delta R.T. 0.012 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

Tgt Ion:112 Resp: 38360  
Ion Ratio Lower Upper  
112 100  
64 56.6 44.2 66.2  
63 31.0 26.2 39.2



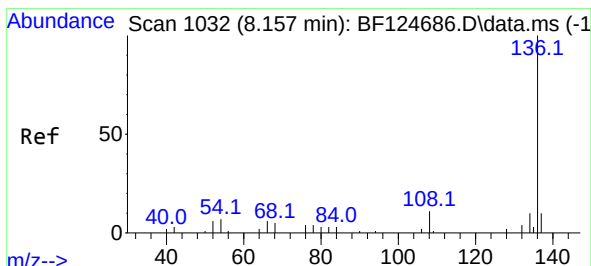
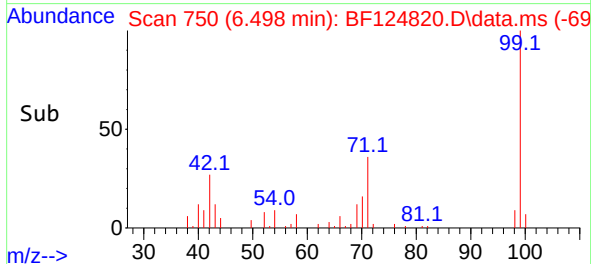
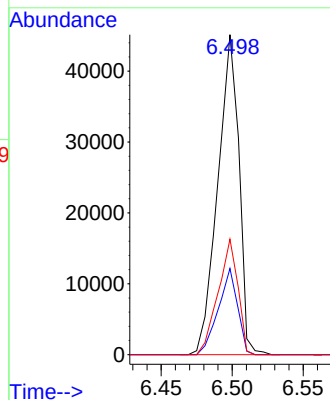
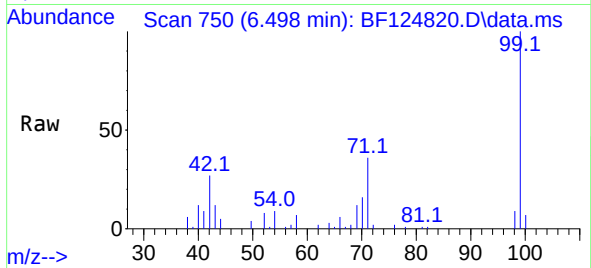


#7  
Phenol-d6  
Concen: 106.404 ng  
RT: 6.498 min Scan# 750  
Delta R.T. 0.000 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

Instrument :  
BNA\_F  
ClientSampled :  
GS-3

Tgt Ion: 99 Resp: 46703

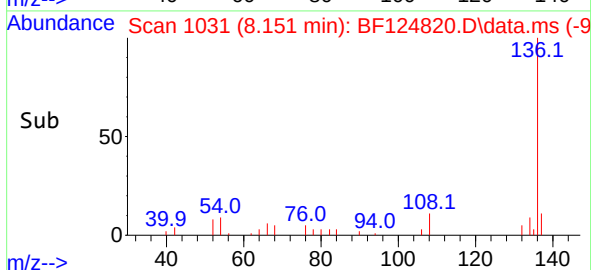
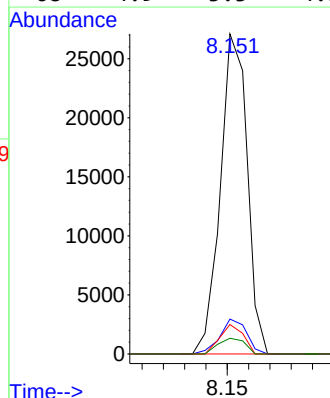
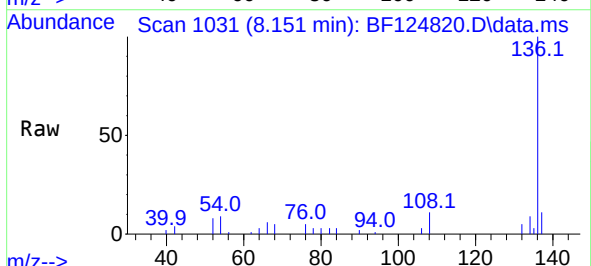
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 27.0  | 23.5  | 35.3  |
| 71  | 36.1  | 25.6  | 38.4  |

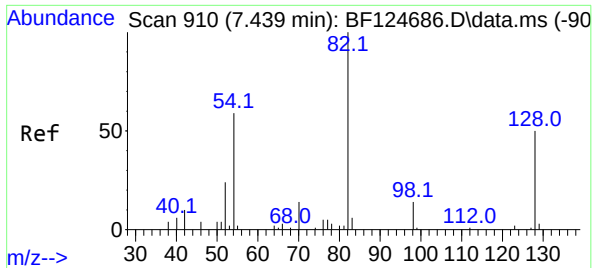


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

Tgt Ion: 136 Resp: 23679

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 9.8   | 14.6  |
| 54  | 9.2   | 6.4   | 9.6   |
| 68  | 4.9   | 3.3   | 4.9   |





#23

Nitrobenzene-d5

Concen: 77.326 ng

RT: 7.434 min Scan# 909

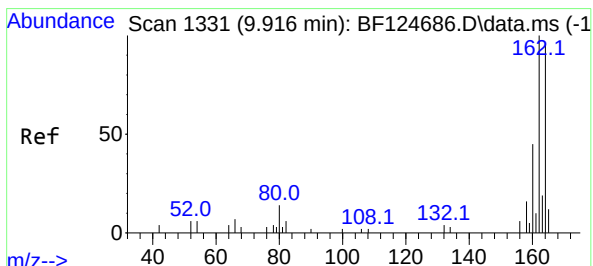
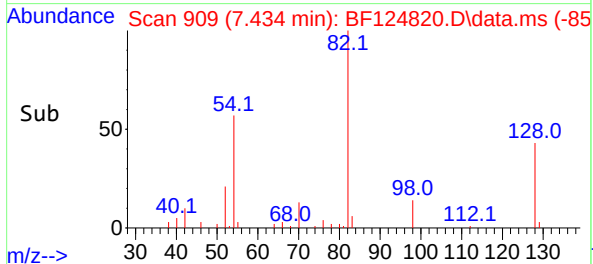
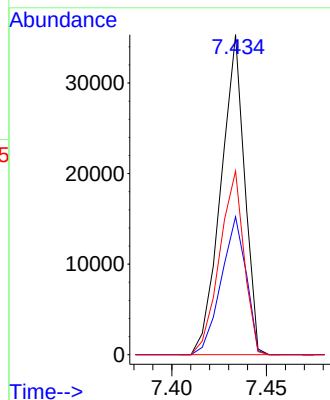
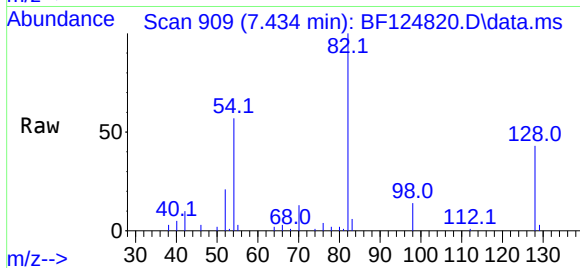
Delta R.T. -0.006 min

Lab File: BF124820.D

Acq: 28 Jul 2021 10:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 30764 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 43.1  | 40.6  | 60.8  |
| 54       | 57.4  | 49.6  | 74.4  |

Instrument :  
BNA\_F  
ClientSampleId :  
GS-3



#39

Acenaphthene-d10

Concen: 20.000 ng

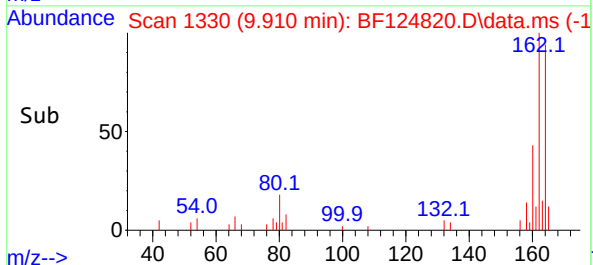
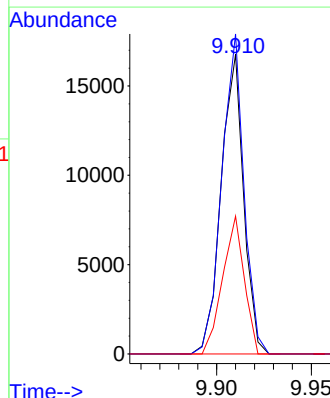
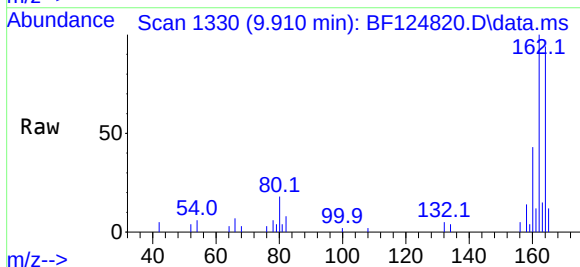
RT: 9.910 min Scan# 1330

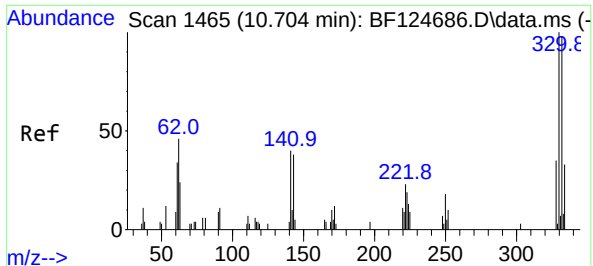
Delta R.T. -0.006 min

Lab File: BF124820.D

Acq: 28 Jul 2021 10:55

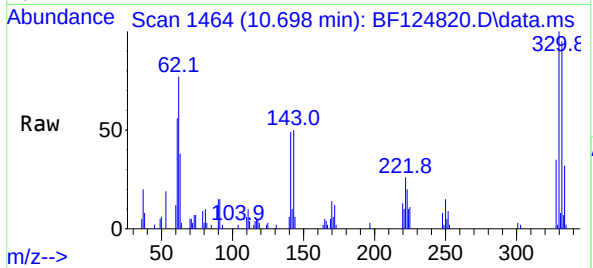
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 13859 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 106.8 | 81.3  | 121.9 |
| 160      | 46.0  | 38.0  | 57.0  |



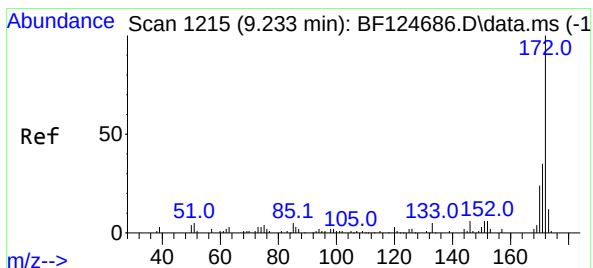
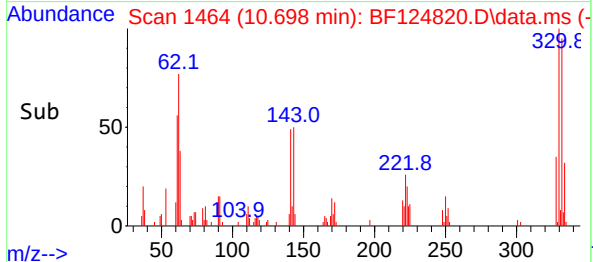
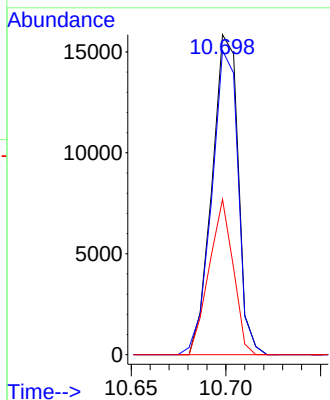


#42  
2,4,6-Tribromophenol  
Concen: 128.108 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

Instrument :  
BNA\_F  
ClientSampled :  
GS-3

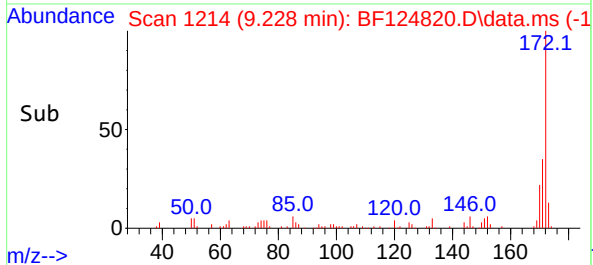
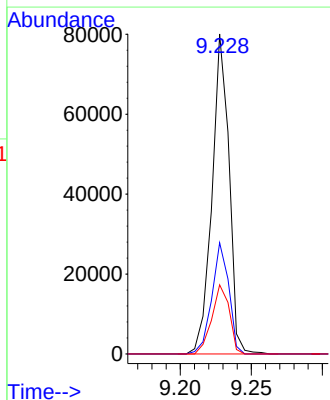
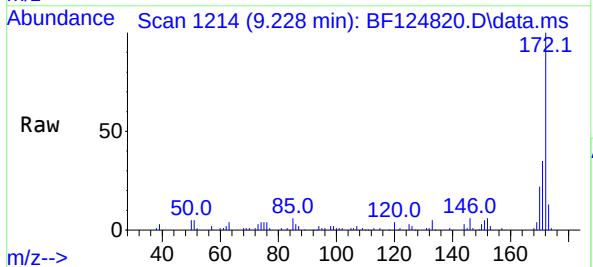


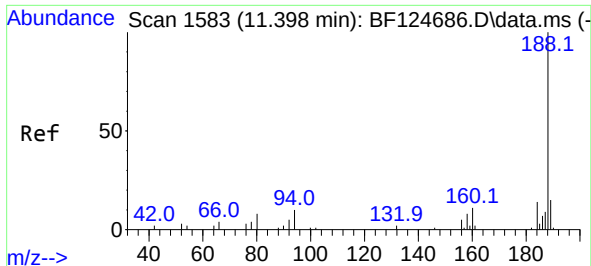
Tgt Ion: 330 Resp: 15244  
Ion Ratio Lower Upper  
330 100  
332 95.5 76.2 114.4  
141 44.6 44.6 66.8



#45  
2-Fluorobiphenyl  
Concen: 70.669 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

Tgt Ion: 172 Resp: 66683  
Ion Ratio Lower Upper  
172 100  
171 34.8 26.5 39.7  
170 21.6 18.8 28.2

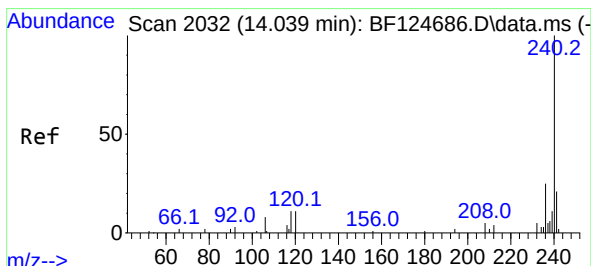
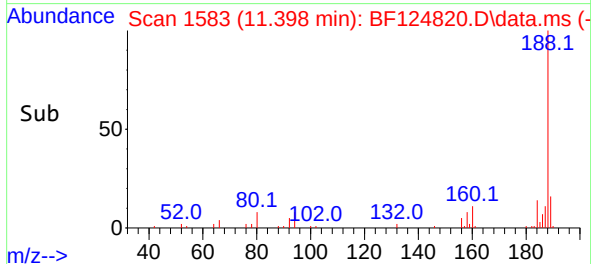
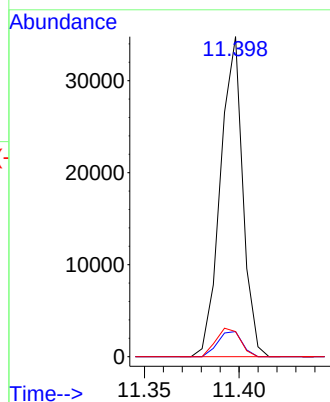
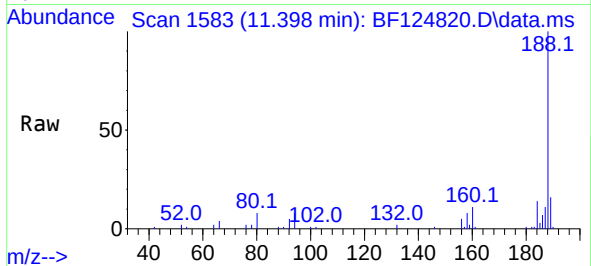




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.398 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

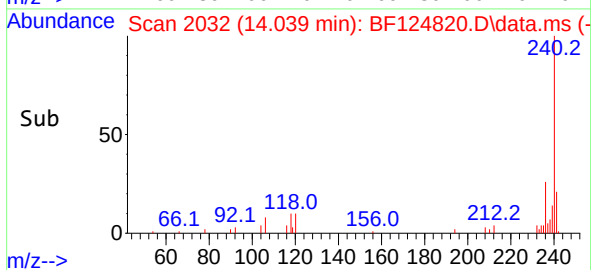
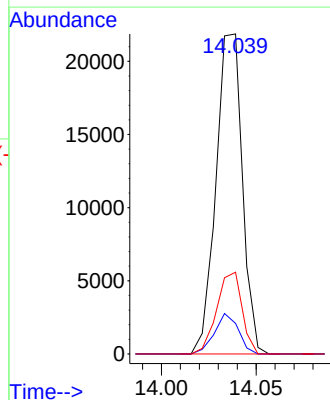
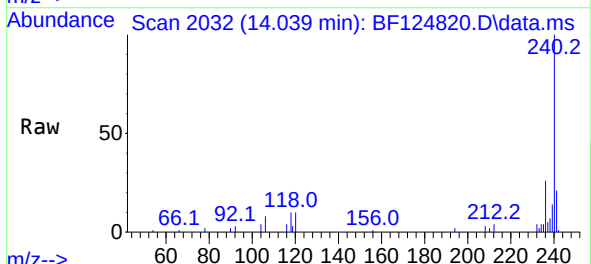
Instrument :  
BNA\_F  
ClientSampled :  
GS-3

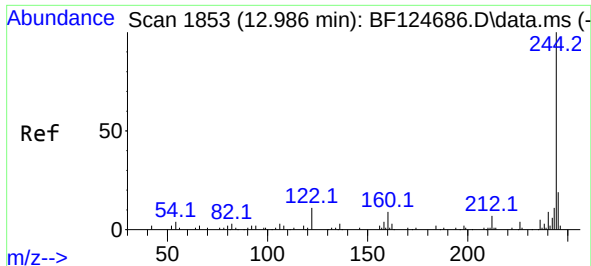
Tgt Ion:188 Resp: 28467  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.7 10.1  
80 7.9 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

Tgt Ion:240 Resp: 21216  
Ion Ratio Lower Upper  
240 100  
120 9.6 10.8 16.2#  
236 25.6 21.6 32.4

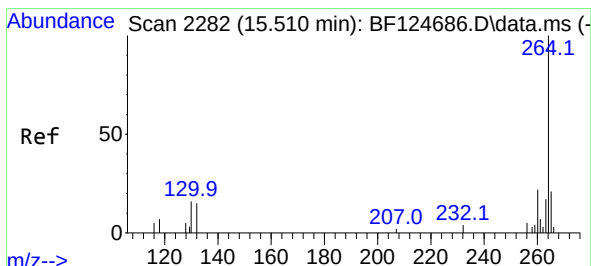
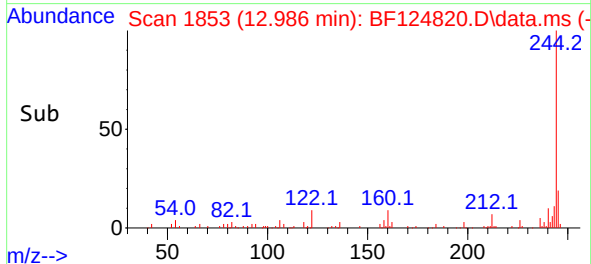
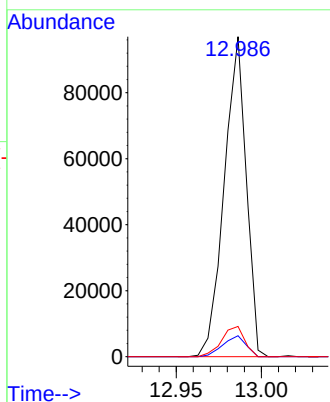
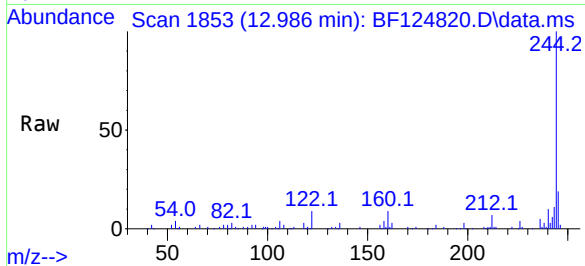




#79  
Terphenyl-d14  
Concen: 70.185 ng  
RT: 12.986 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

Instrument :  
BNA\_F  
ClientSampled :  
GS-3

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 86868 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 6.5   | 5.9   | 8.9   |
| 122       | 9.5   | 9.0   | 13.4  |



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.510 min Scan# 2282  
Delta R.T. 0.000 min  
Lab File: BF124820.D  
Acq: 28 Jul 2021 10:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 15920 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 25.9  | 19.6  | 29.4  |
| 265       | 21.9  | 17.2  | 25.8  |

