

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062521\  
 Data File : BF124458.D  
 Acq On : 25 Jun 2021 18:38  
 Operator : JU/CG  
 Sample : M2826-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-1(SLUDGE)

Quant Time: Jun 26 02:42:14 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 25 13:23:23 2021  
 Response via : Initial Calibration

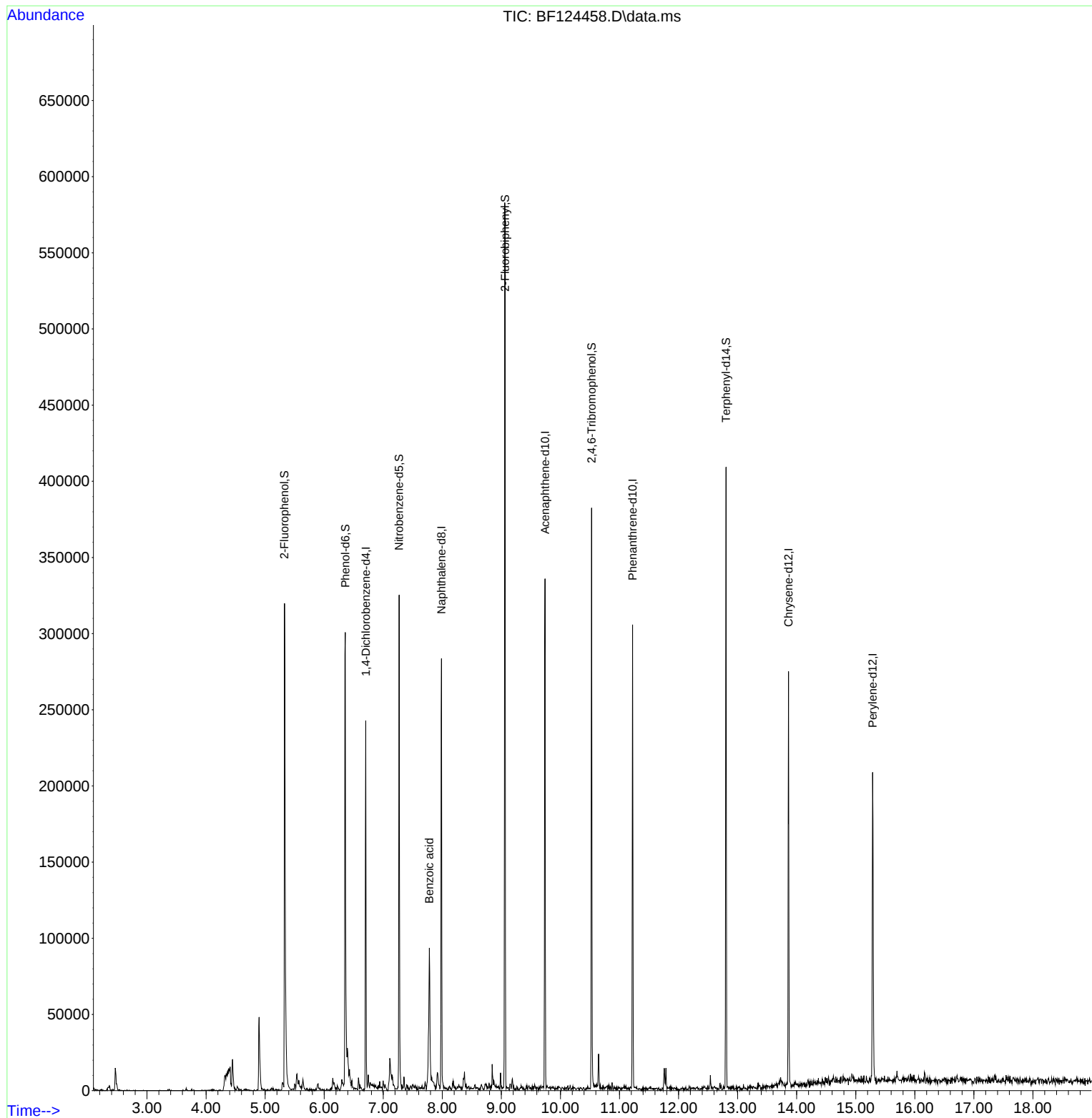
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.704  | 152  | 28969    | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.986  | 136  | 111087   | 20.000 | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 9.739  | 164  | 62019    | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.222 | 188  | 95496    | 20.000 | ng    | # 0.00    |
| 76) Chrysene-d12            | 13.863 | 240  | 76763    | 20.000 | ng    | # 0.00    |
| 86) Perylene-d12            | 15.286 | 264  | 79308    | 20.000 | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.328  | 112  | 92314    | 50.116 | ng    | 0.00      |
| 7) Phenol-d6                | 6.357  | 99   | 99356    | 41.311 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.269  | 82   | 85567    | 31.937 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.527 | 330  | 34970    | 47.195 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.063  | 172  | 173199   | 34.210 | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.804 | 244  | 112664   | 21.983 | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 32) Benzoic acid            | 7.781  | 122  | 15058    | 19.825 | ng    | Qvalue 90 |
| -----                       |        |      |          |        |       |           |

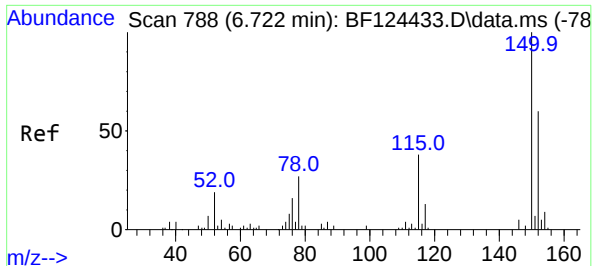
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M2826-01  
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ALS Vial : 12 Sample Multiplier: 1

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QLast Update : Fri Jun 25 13:23:23 2021  
Response via : Initial Calibration

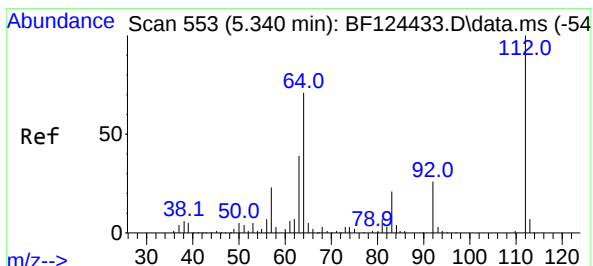
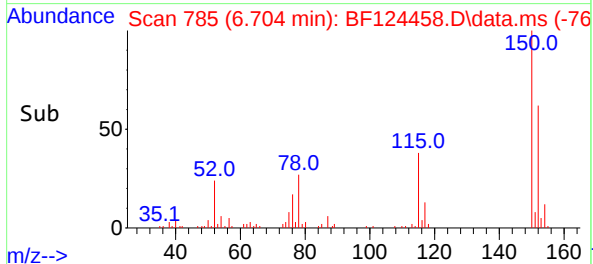
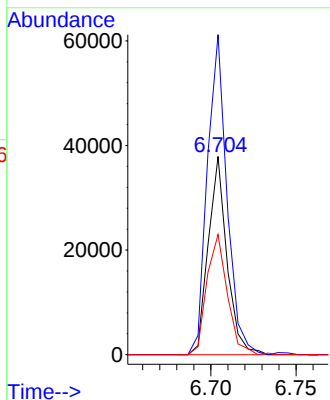
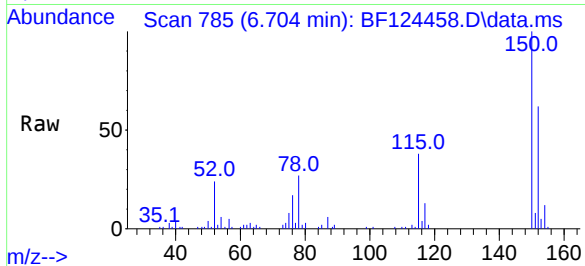




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.704 min Scan# 785  
Delta R.T. 0.000 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

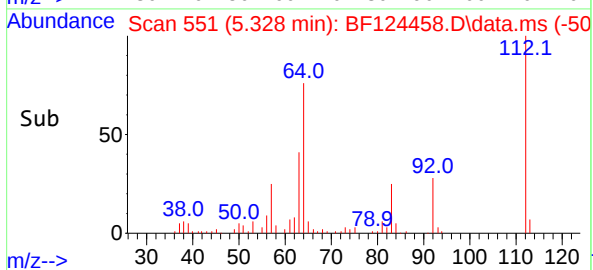
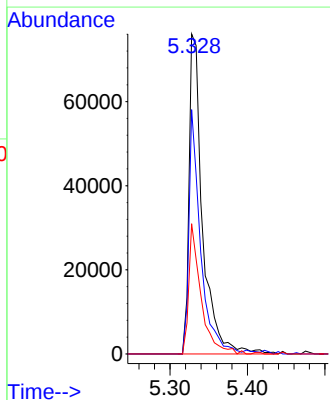
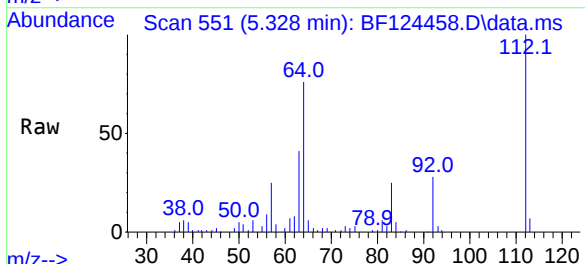
Instrument :  
BNA\_F  
ClientSampleId :  
SS-1(SLUDGE)

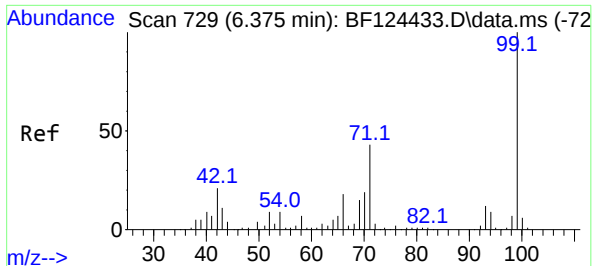
Tgt Ion:152 Resp: 28969  
Ion Ratio Lower Upper  
152 100  
150 161.4 127.0 190.6  
115 60.6 54.3 81.5



#5  
2-Fluorophenol  
Concen: 50.116 ng  
RT: 5.328 min Scan# 551  
Delta R.T. 0.000 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

Tgt Ion:112 Resp: 92314  
Ion Ratio Lower Upper  
112 100  
64 76.3 61.4 92.0  
63 40.7 33.0 49.4

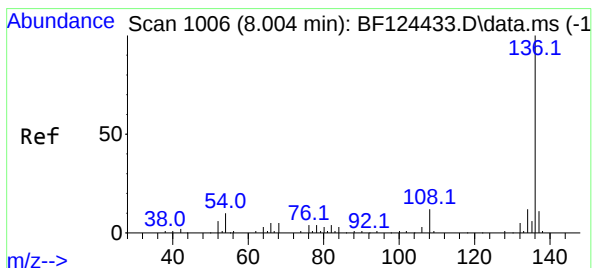
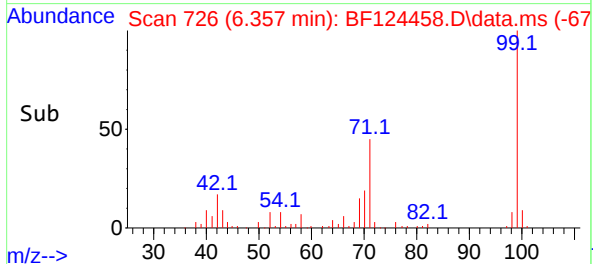
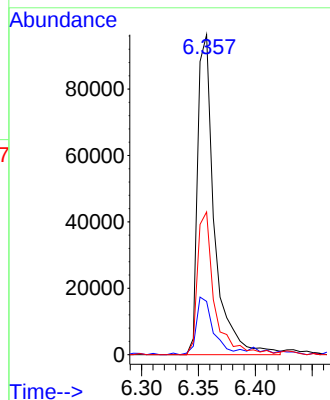
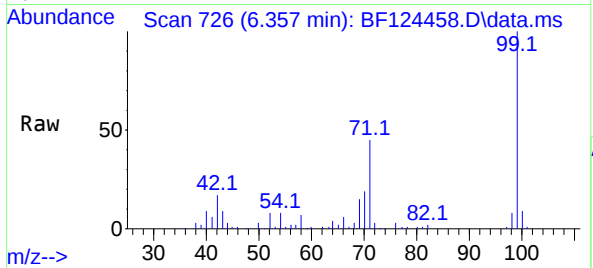




#7  
Phenol-d6  
Concen: 41.311 ng  
RT: 6.357 min Scan# 726  
Delta R.T. -0.006 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

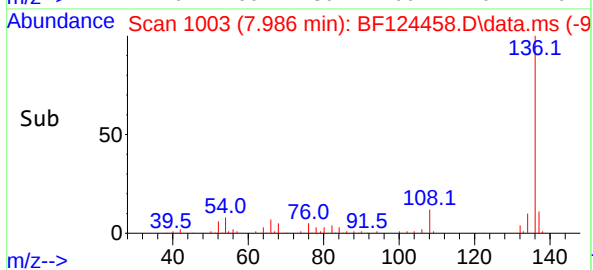
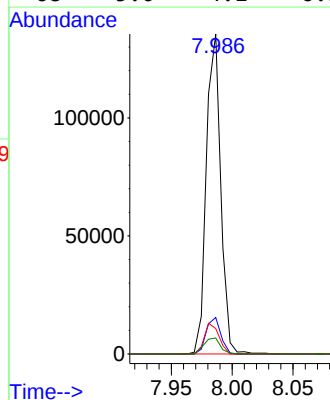
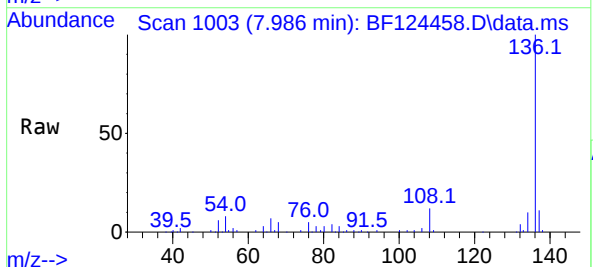
Instrument :  
BNA\_F  
ClientSampleId :  
SS-1(SLUDGE)

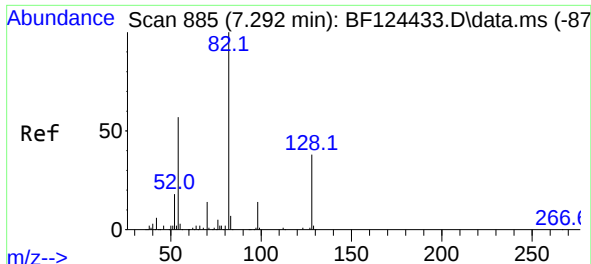
Tgt Ion: 99 Resp: 99356  
Ion Ratio Lower Upper  
99 100  
42 16.7 19.8 29.8#  
71 44.6 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.986 min Scan# 1003  
Delta R.T. 0.000 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

Tgt Ion:136 Resp: 111087  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.7 13.1  
54 7.9 9.8 14.6#  
68 5.0 4.1 6.1

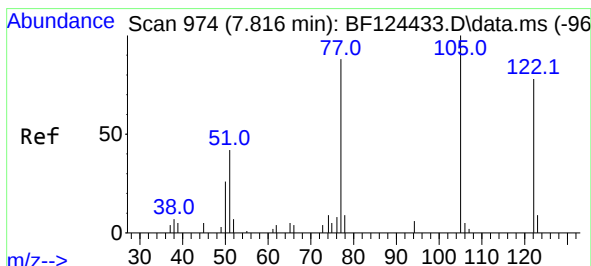
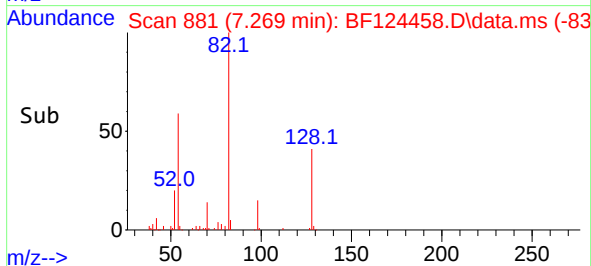
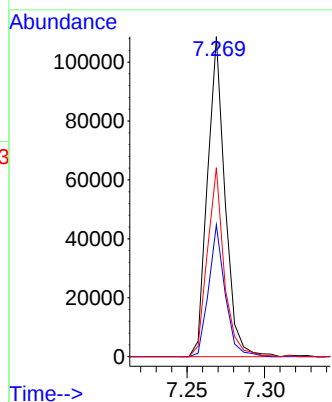
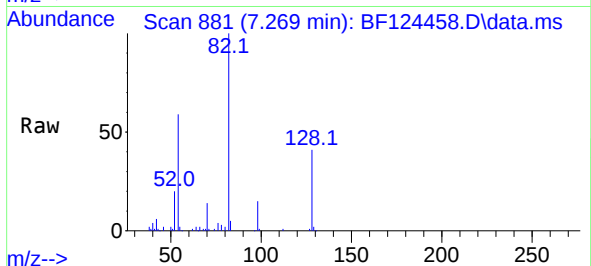




#23  
Nitrobenzene-d5  
Concen: 31.937 ng  
RT: 7.269 min Scan# 881  
Delta R.T. -0.012 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

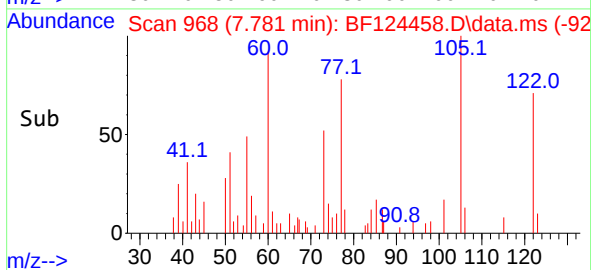
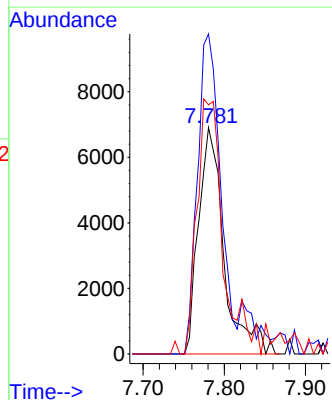
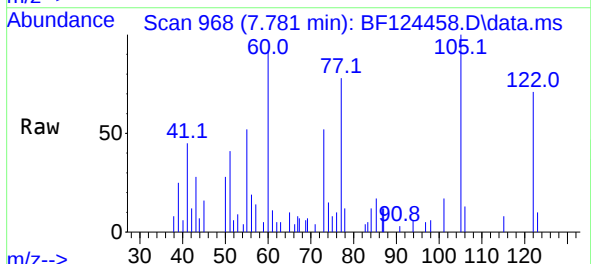
Instrument :  
BNA\_F  
ClientSampleId :  
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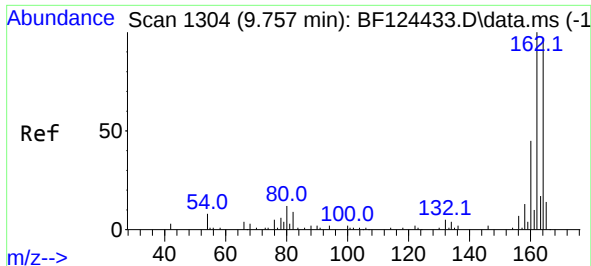
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 85567 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 41.2  | 29.4  | 44.2  |
| 54       | 59.0  | 54.1  | 81.1  |



#32  
Benzoic acid  
Concen: 19.825 ng  
RT: 7.781 min Scan# 968  
Delta R.T. -0.023 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 15058 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 105      | 141.3 | 107.8 | 147.8 |
| 77       | 110.0 | 81.6  | 121.6 |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.739 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF124458.D

Acq: 25 Jun 2021 18:38

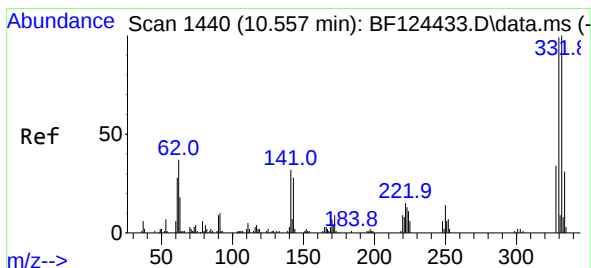
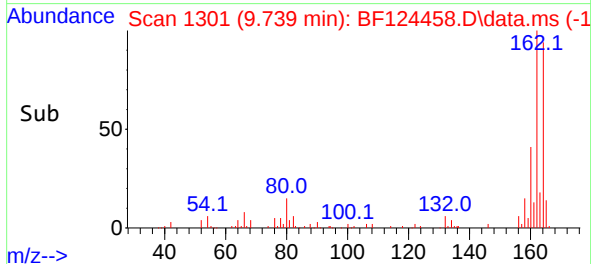
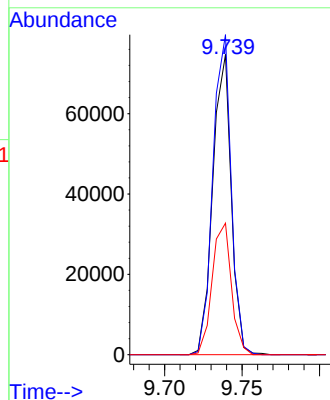
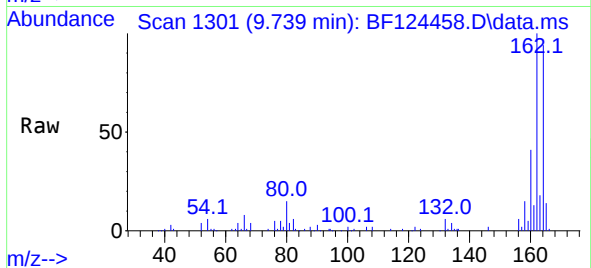
Tgt Ion:164 Resp: 62019

Ion Ratio Lower Upper

164 100

162 106.6 80.7 121.1

160 43.8 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 47.195 ng

RT: 10.527 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF124458.D

Acq: 25 Jun 2021 18:38

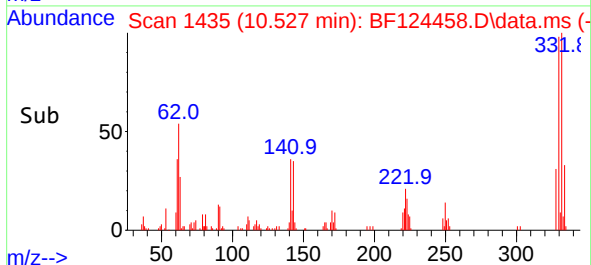
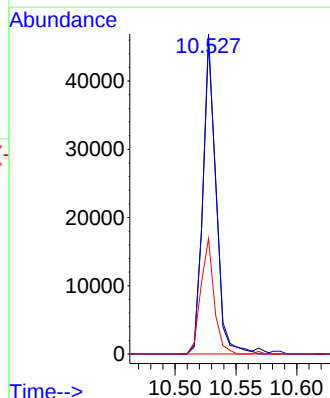
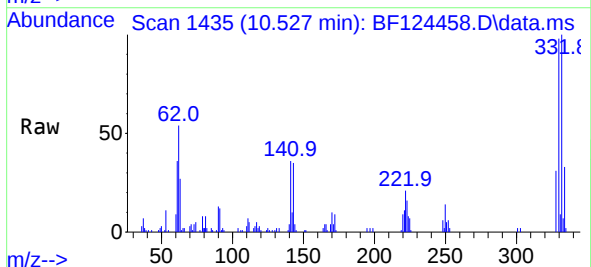
Tgt Ion:330 Resp: 34970

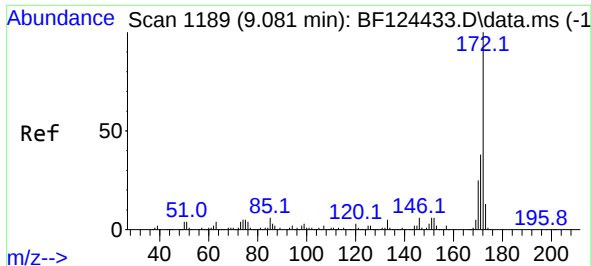
Ion Ratio Lower Upper

330 100

332 100.3 77.1 115.7

141 36.7 27.9 41.9

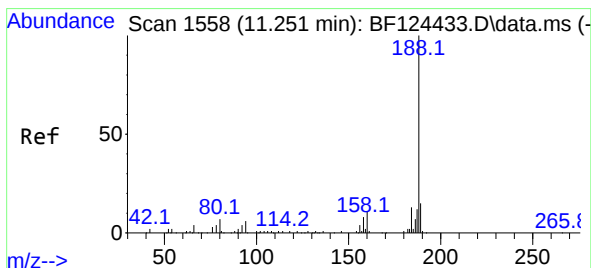
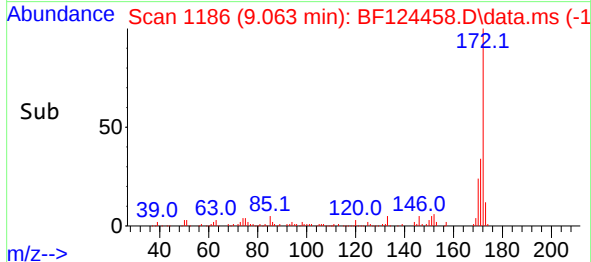
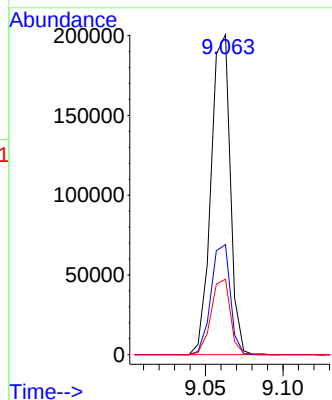
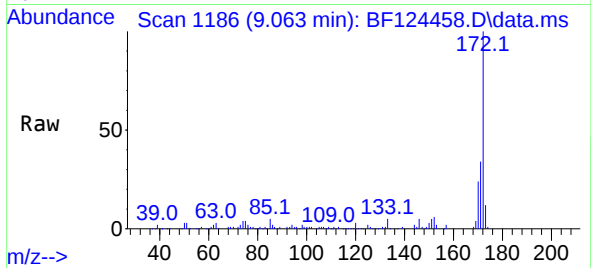




#45  
2-Fluorobiphenyl  
Concen: 34.210 ng  
RT: 9.063 min Scan# 1186  
Delta R.T. -0.006 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

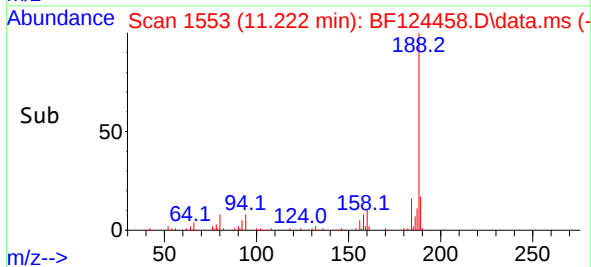
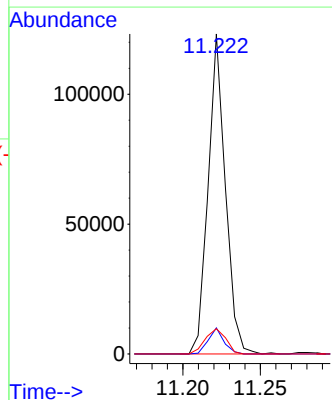
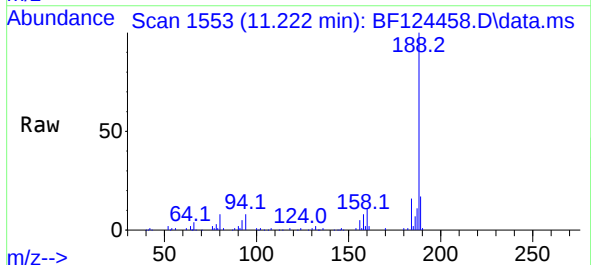
Instrument :  
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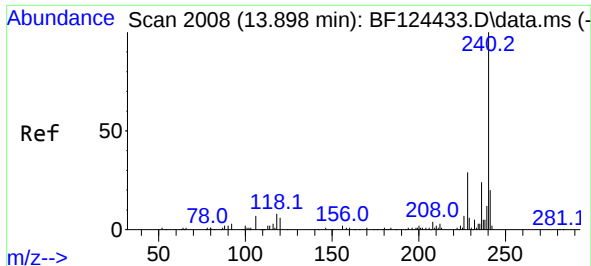
Tgt Ion:172 Resp: 173199  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.1 42.1  
170 23.6 19.2 28.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.222 min Scan# 1553  
Delta R.T. -0.006 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

Tgt Ion:188 Resp: 95496  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.9 10.3  
80 7.9 8.2 12.2#

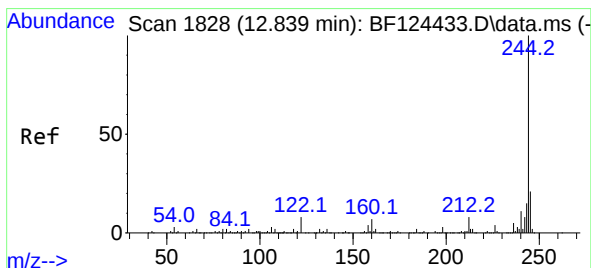
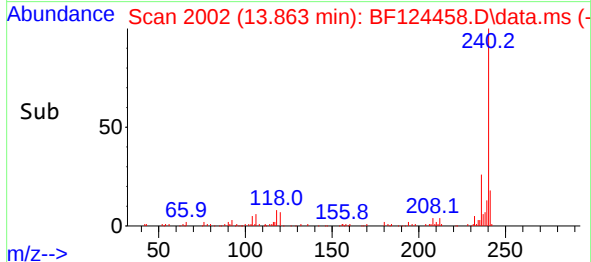
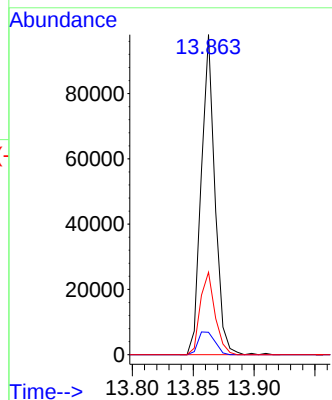
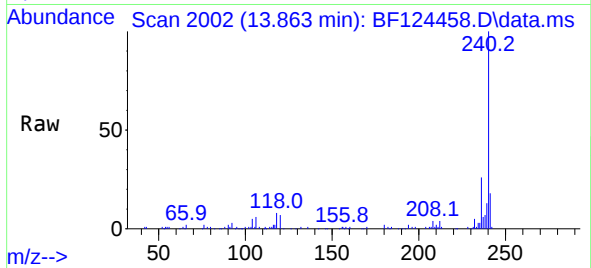




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.863 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

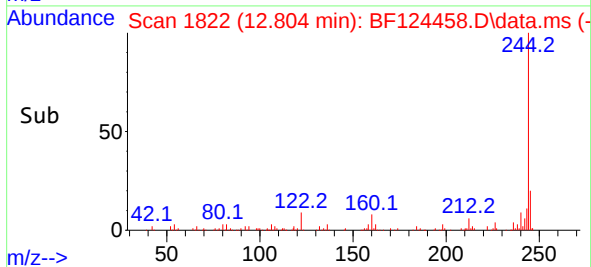
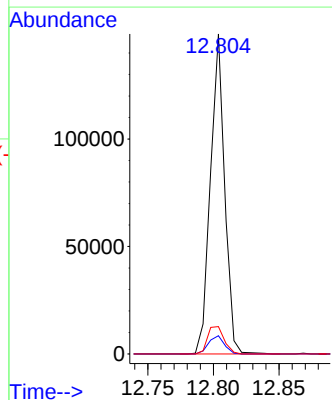
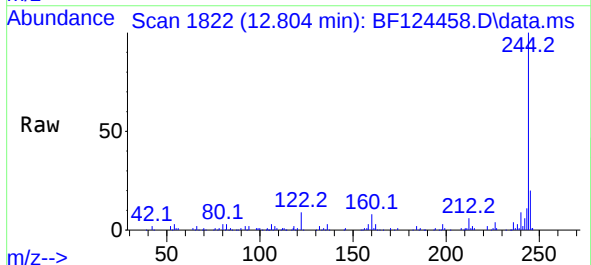
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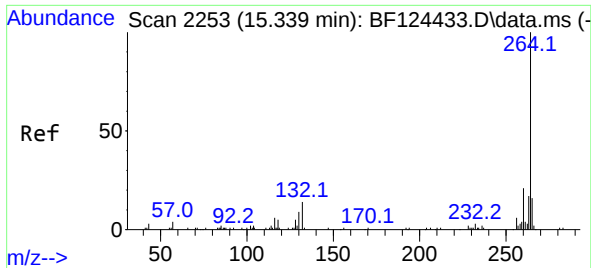
Tgt Ion:240 Resp: 76763  
Ion Ratio Lower Upper  
240 100  
120 7.0 7.2 10.8#  
236 25.8 19.0 28.4



#79  
Terphenyl-d14  
Concen: 21.983 ng  
RT: 12.804 min Scan# 1822  
Delta R.T. -0.006 min  
Lab File: BF124458.D  
Acq: 25 Jun 2021 18:38

Tgt Ion:244 Resp: 112664  
Ion Ratio Lower Upper  
244 100  
212 5.7 5.7 8.5  
122 8.5 9.7 14.5#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.286 min Scan# 2244  
 Delta R.T. -0.006 min  
 Lab File: BF124458.D  
 Acq: 25 Jun 2021 18:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-1(SLUDGE)

Tgt Ion:264 Resp: 79308  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.7 28.1  
 265 22.7 17.8 26.8

