

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF033021\  
 Data File : BF123525.D  
 Acq On : 30 Mar 2021 17:09  
 Operator : JU/CG  
 Sample : M1832-06  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IG001

Quant Time: Mar 30 17:47:36 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF032321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 30 11:51:25 2021  
 Response via : Initial Calibration

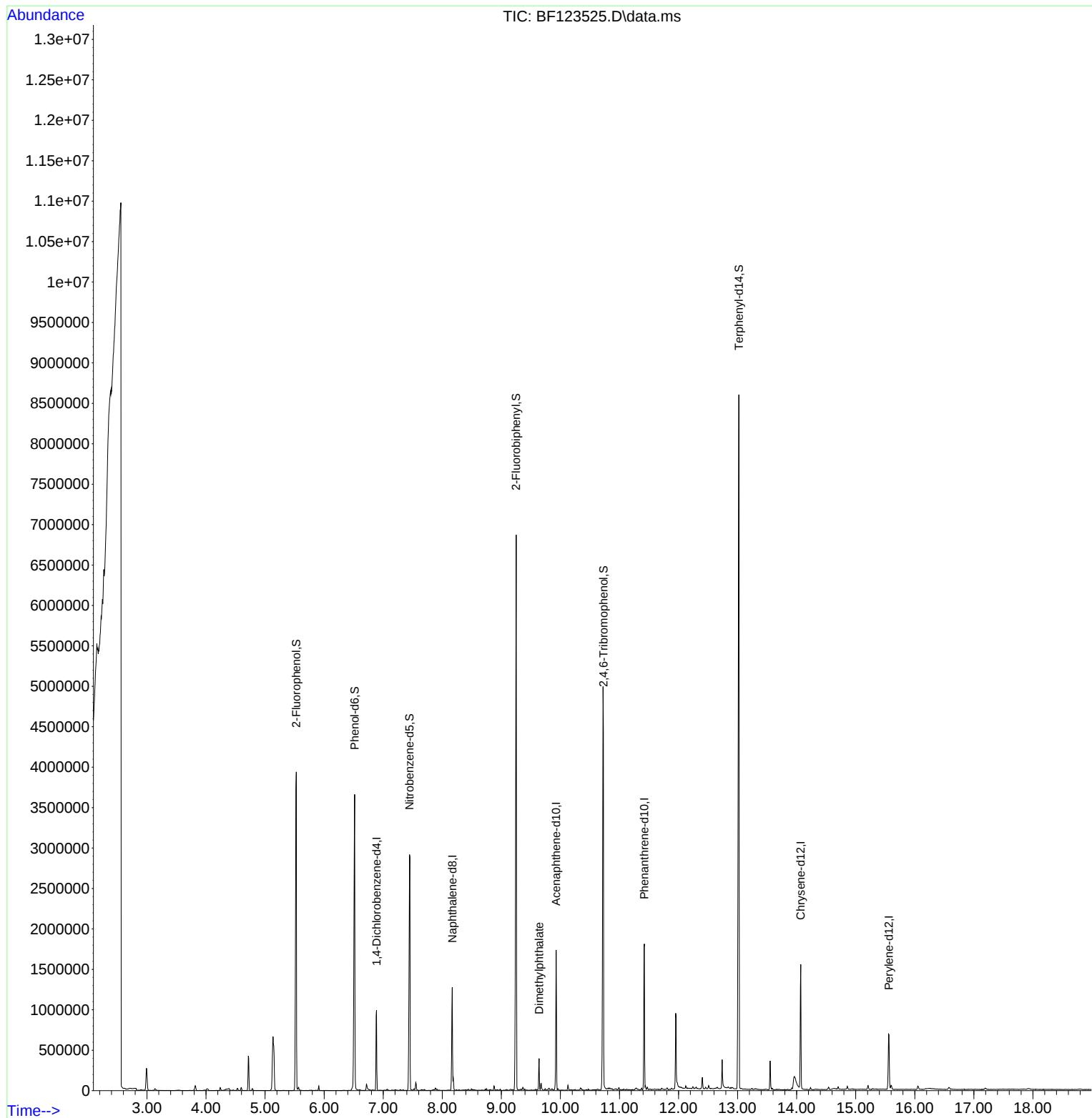
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 138350   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.169  | 136  | 532909   | 20.00  | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 9.928  | 164  | 333614   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.422 | 188  | 667614   | 20.00  | ng    | # 0.00    |
| 76) Chrysene-d12            | 14.069 | 240  | 527011   | 20.00  | ng    | # 0.00    |
| 86) Perylene-d12            | 15.563 | 264  | 348980   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.528  | 112  | 1034981  | 122.38 | ng    | 0.02      |
| 7) Phenol-d6                | 6.516  | 99   | 1152502  | 102.37 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 1078098  | 109.19 | ng    | -0.01     |
| 42) 2,4,6-Tribromophenol    | 10.728 | 330  | 716511   | 192.11 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 2155614  | 92.31  | ng    | 0.00      |
| 79) Terphenyl-d14           | 13.022 | 244  | 3152703  | 101.38 | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 50) Dimethylphthalate       | 9.639  | 163  | 131586   | 5.55   | ng    | Qvalue 99 |
| -----                       |        |      |          |        |       |           |

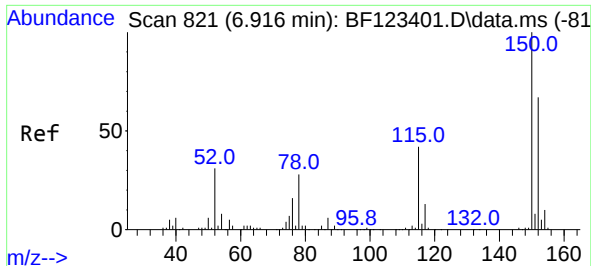
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF033021\  
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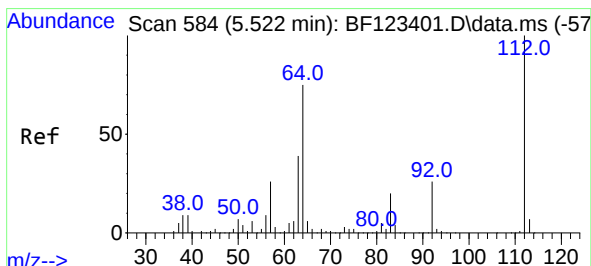
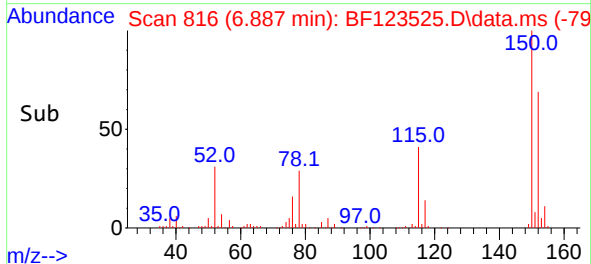
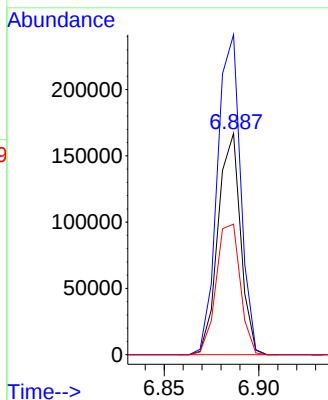
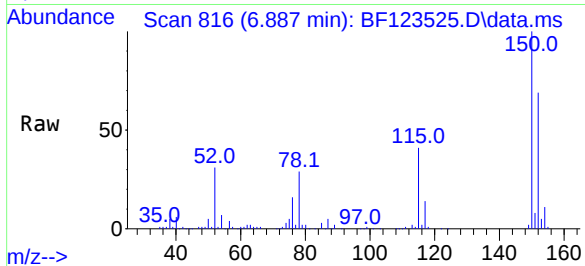




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.000 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

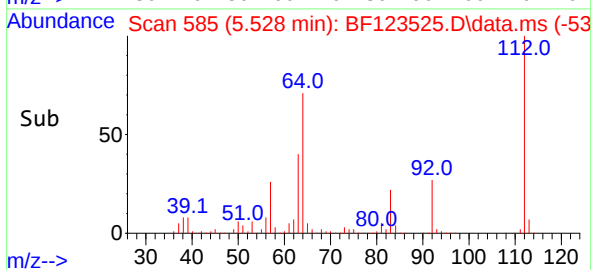
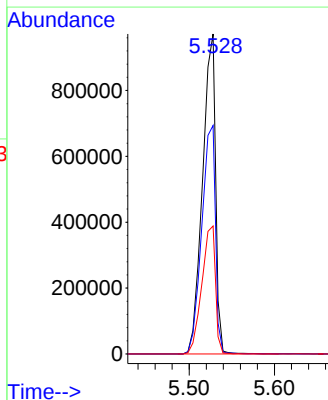
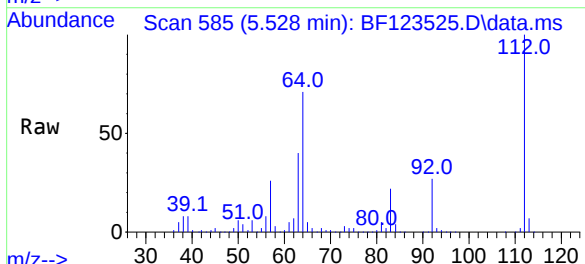
Instrument :  
BNA\_F  
ClientSampleId :  
IG001

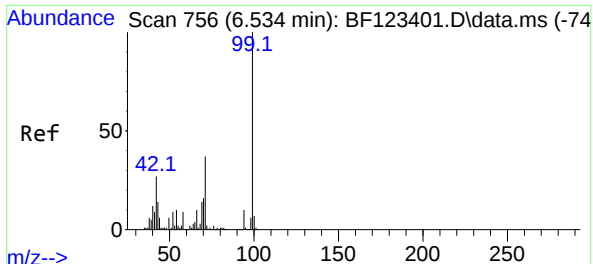
Tgt Ion:152 Resp: 138350  
Ion Ratio Lower Upper  
152 100  
150 144.6 125.8 188.6  
115 59.0 49.3 73.9



#5  
2-Fluorophenol  
Concen: 122.38 ng  
RT: 5.528 min Scan# 585  
Delta R.T. 0.024 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

Tgt Ion:112 Resp: 1034981  
Ion Ratio Lower Upper  
112 100  
64 71.4 46.9 70.3#  
63 40.0 24.5 36.7#



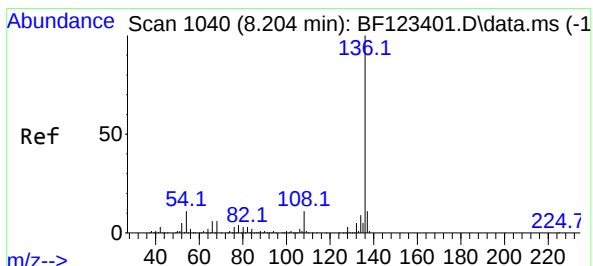
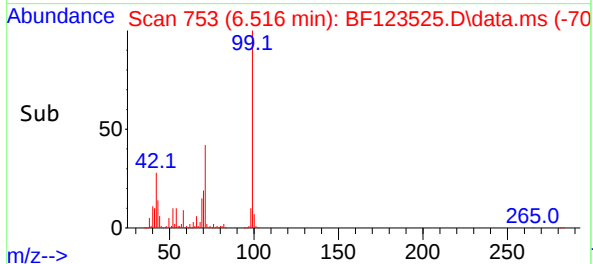
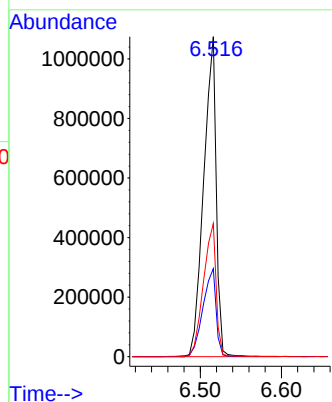
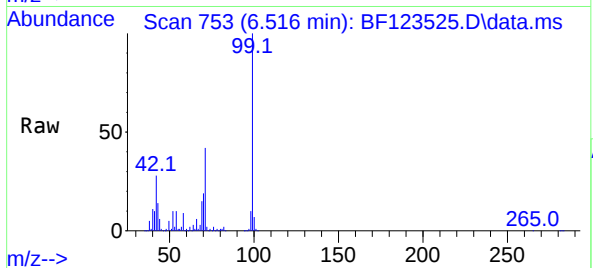


#7  
Phenol-d6  
Concen: 102.37 ng  
RT: 6.516 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

Instrument :  
BNA\_F  
ClientSampleId :  
IG001

Tgt Ion: 99 Resp: 1152502

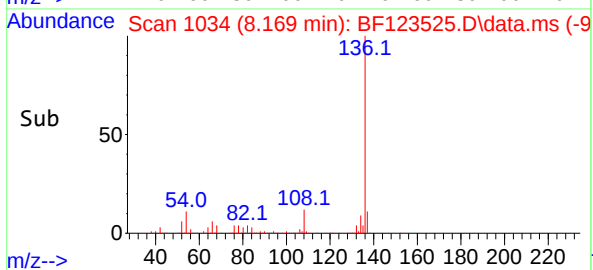
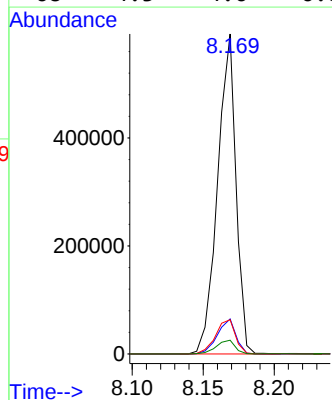
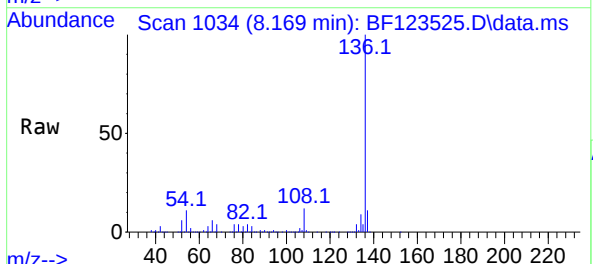
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 27.5  | 13.8  | 20.6# |
| 71  | 41.6  | 26.9  | 40.3# |

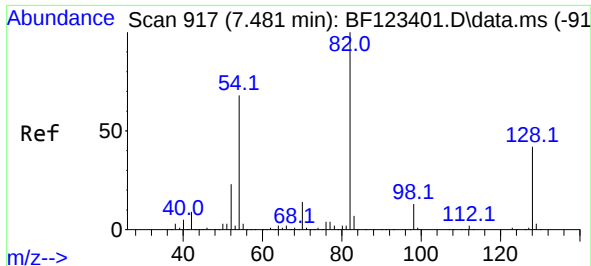


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

Tgt Ion: 136 Resp: 532909

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 10.7  | 5.5   | 8.3#  |
| 68  | 4.3   | 4.6   | 6.8#  |

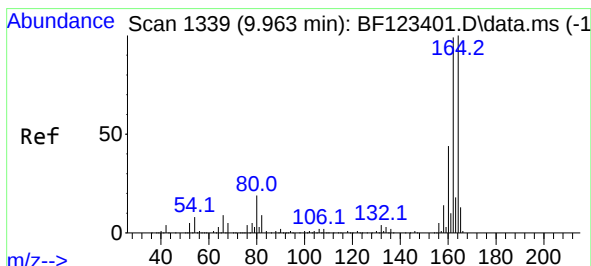
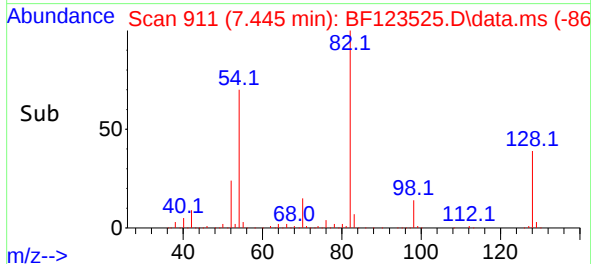
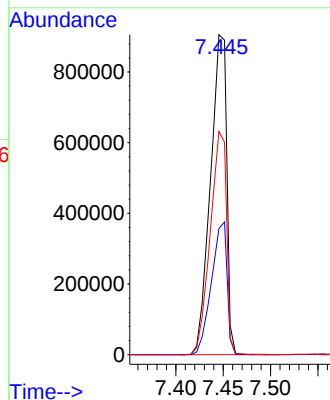
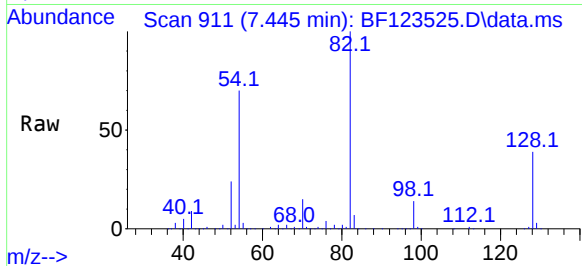




#23  
Nitrobenzene-d5  
Concen: 109.19 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.012 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

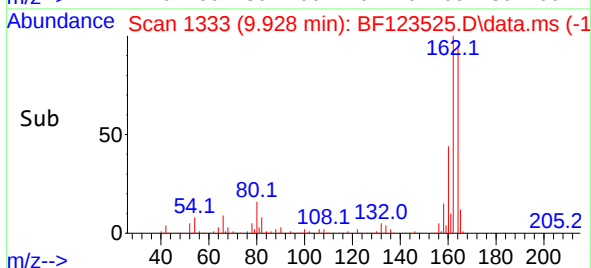
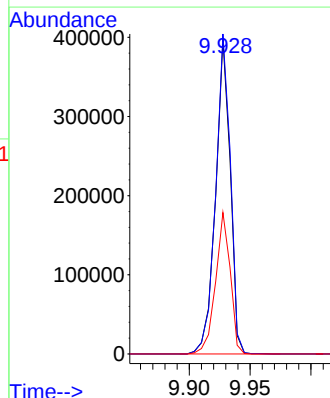
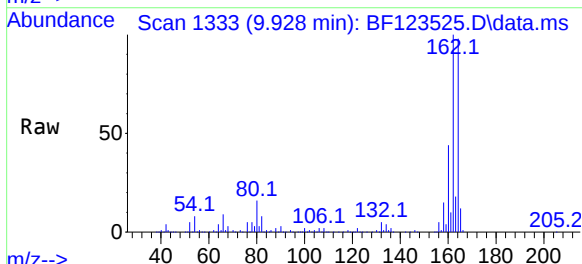
Instrument :  
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ClientSampleId :  
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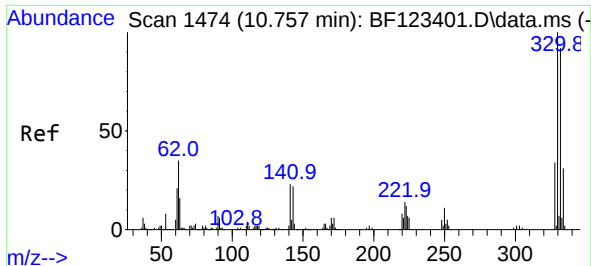
Tgt Ion: 82 Resp: 1078098  
Ion Ratio Lower Upper  
82 100  
128 39.4 37.0 55.4  
54 69.8 38.4 57.6#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

Tgt Ion:164 Resp: 333614  
Ion Ratio Lower Upper  
164 100  
162 101.7 80.8 121.2  
160 44.9 35.4 53.0

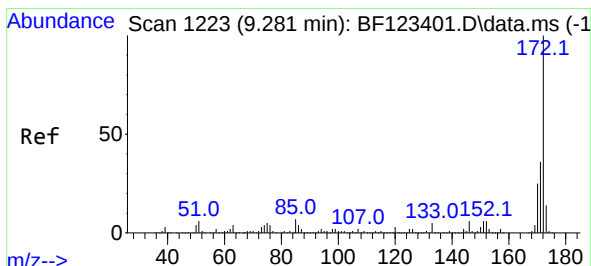
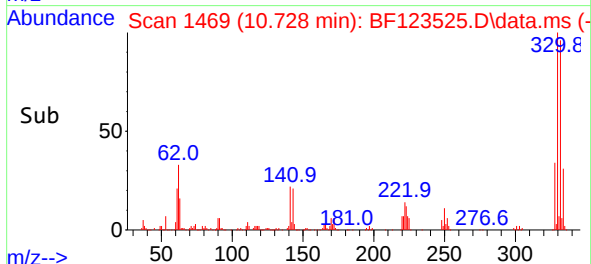
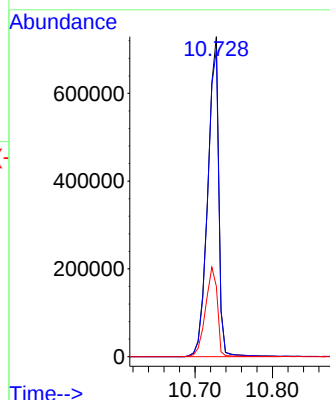
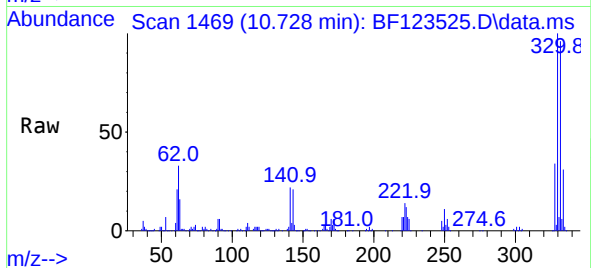




#42  
2,4,6-Tribromophenol  
Concen: 192.11 ng  
RT: 10.728 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

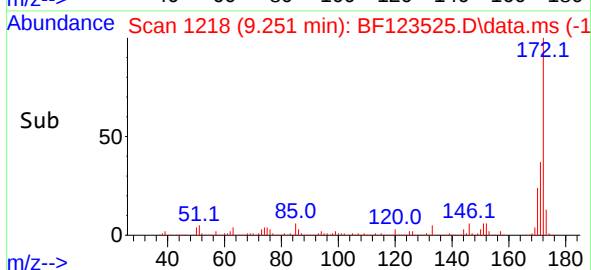
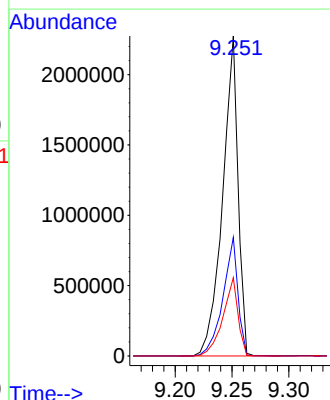
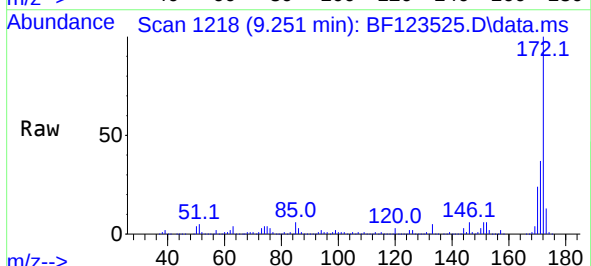
Instrument :  
BNA\_F  
ClientSampleId :  
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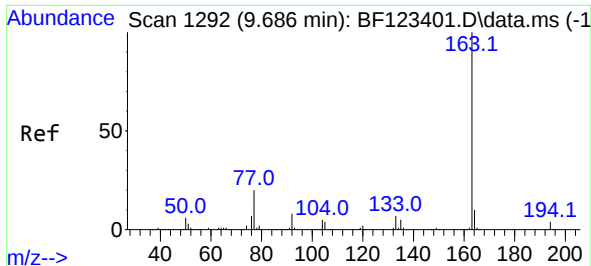
Tgt Ion:330 Resp: 716511  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.5 116.3  
141 30.4 23.8 35.8



#45  
2-Fluorobiphenyl  
Concen: 92.31 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

Tgt Ion:172 Resp: 2155614  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.6 44.4  
170 24.5 19.5 29.3

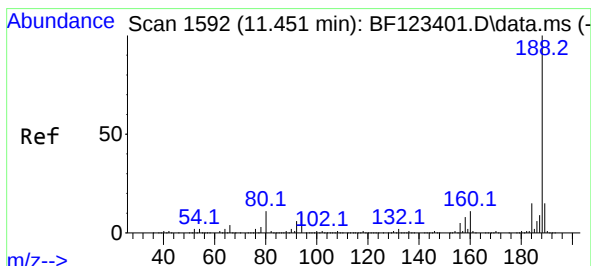
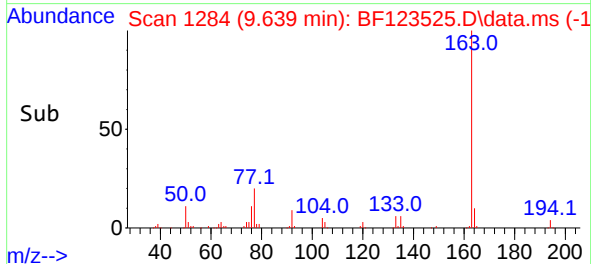
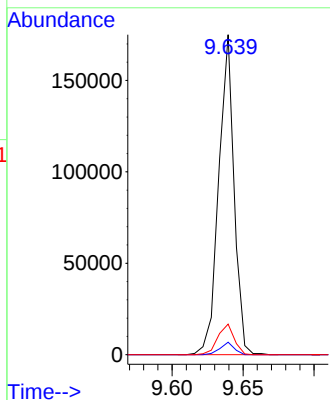
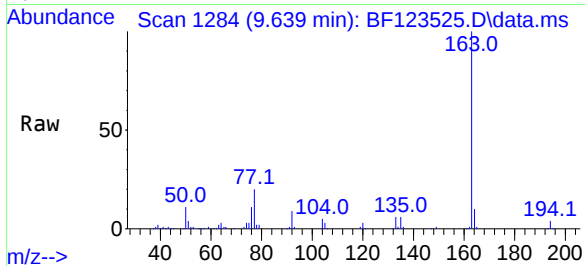




#50  
Dimethylphthalate  
Concen: 5.55 ng  
RT: 9.639 min Scan# 1284  
Delta R.T. -0.018 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

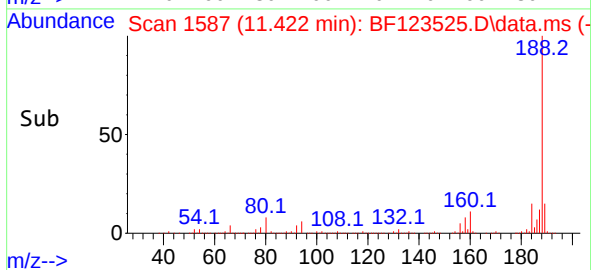
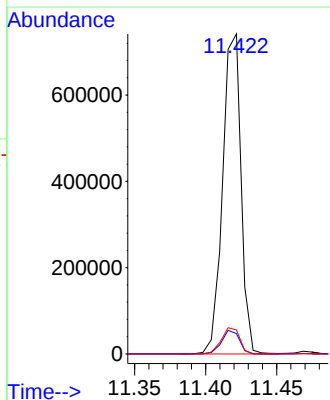
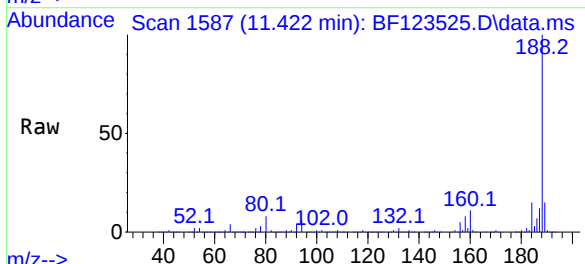
Instrument :  
BNA\_F  
ClientSampleId :  
IG001

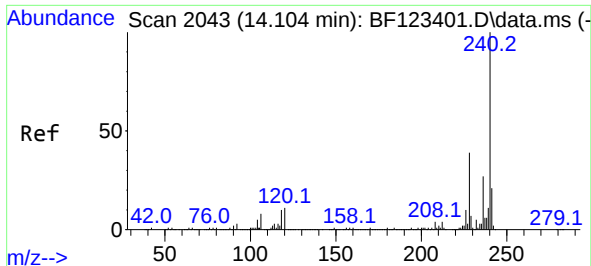
Tgt Ion:163 Resp: 131586  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.4 5.0  
164 9.6 8.1 12.1



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

Tgt Ion:188 Resp: 667614  
Ion Ratio Lower Upper  
188 100  
94 6.4 7.4 11.2#  
80 7.5 8.2 12.4#

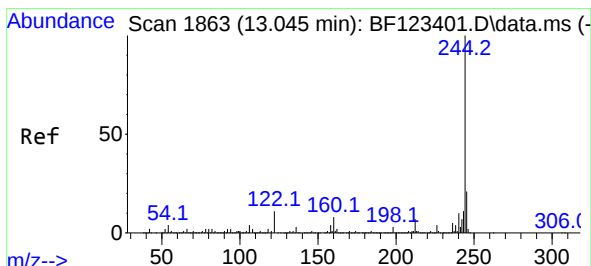
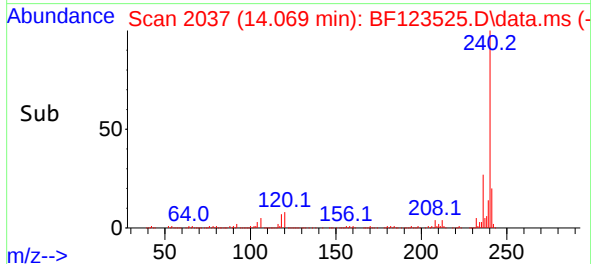
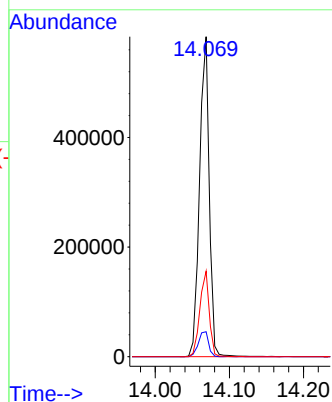
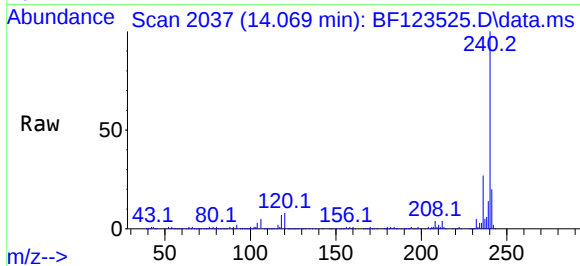




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.069 min Scan# 2037  
Delta R.T. -0.006 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

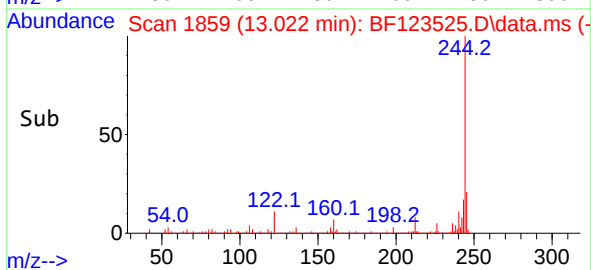
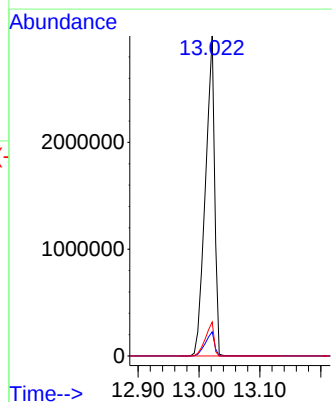
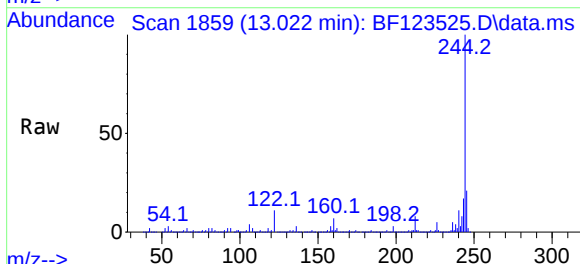
Instrument :  
BNA\_F  
ClientSampleId :  
IG001

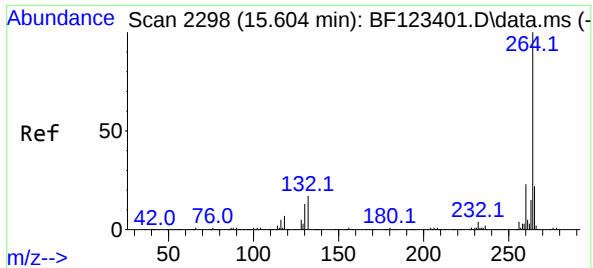
Tgt Ion:240 Resp: 527011  
Ion Ratio Lower Upper  
240 100  
120 7.8 8.6 12.8#  
236 26.7 20.3 30.5



#79  
Terphenyl-d14  
Concen: 101.38 ng  
RT: 13.022 min Scan# 1859  
Delta R.T. 0.006 min  
Lab File: BF123525.D  
Acq: 30 Mar 2021 17:09

Tgt Ion:244 Resp: 3152703  
Ion Ratio Lower Upper  
244 100  
212 7.6 5.7 8.5  
122 10.6 8.3 12.5





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.563 min Scan# 2291  
 Delta R.T. -0.006 min  
 Lab File: BF123525.D  
 Acq: 30 Mar 2021 17:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 IG001

Tgt Ion:264 Resp: 348980

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.2  | 18.6  | 28.0  |
| 265 | 21.4  | 17.0  | 25.6  |

