

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032321\  
 Data File : BF123422.D  
 Acq On : 24 Mar 2021 4:54  
 Operator : JU/CG  
 Sample : M1712-18  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EXTERNAL-PAD-COMP

Quant Time: Mar 24 05:44:55 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 23 15:58:35 2021  
 Response via : Initial Calibration

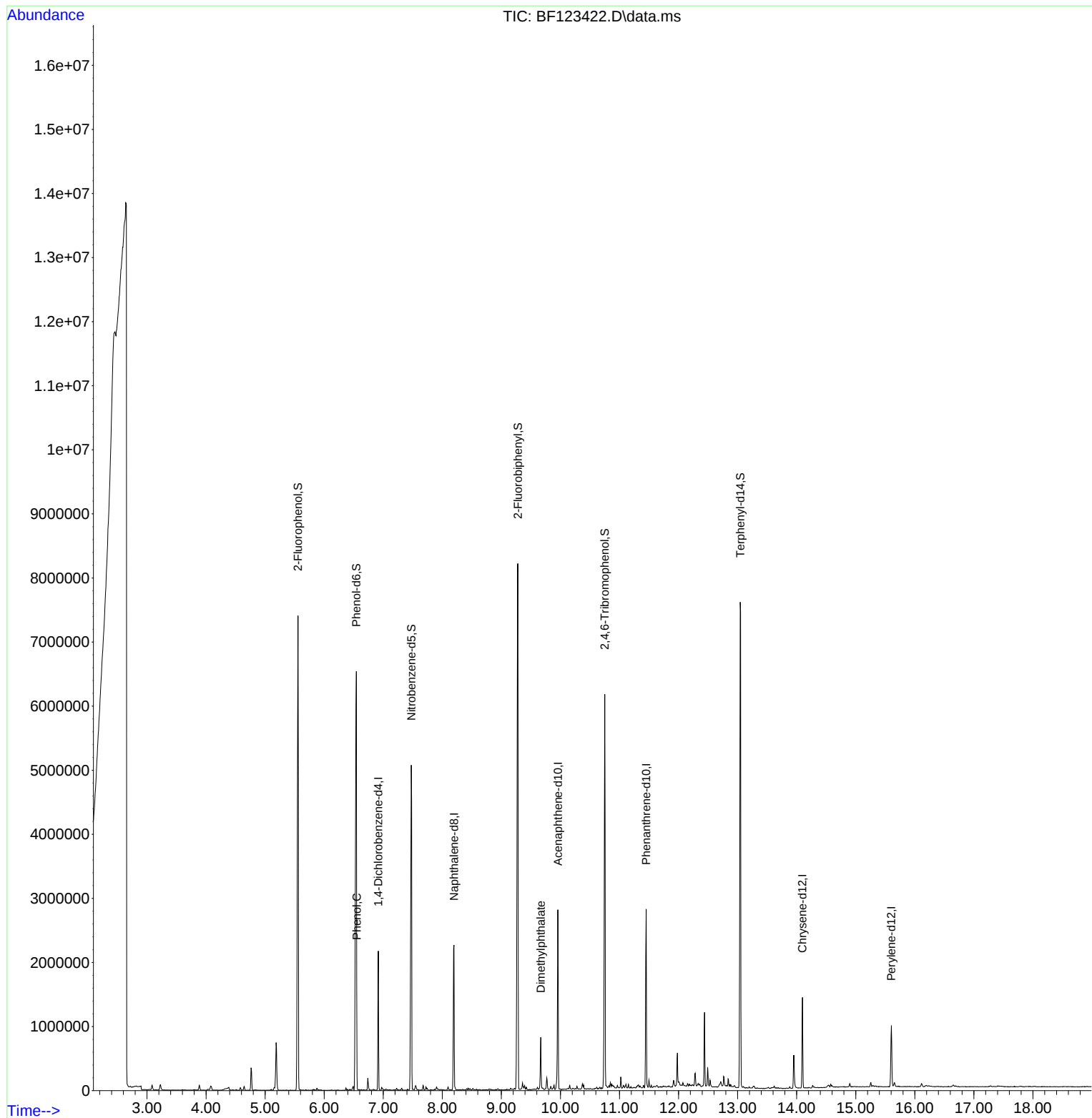
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.916  | 152  | 280016   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.198  | 136  | 1083094  | 20.00  | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 9.957  | 164  | 594737   | 20.00  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.451 | 188  | 925566   | 20.00  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.098 | 240  | 473134   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.604 | 264  | 452442   | 20.00  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.557  | 112  | 2148040  | 125.50 | ng    | 0.04      |
| 7) Phenol-d6                | 6.545  | 99   | 2573655  | 112.95 | ng    | 0.01      |
| 23) Nitrobenzene-d5         | 7.475  | 82   | 1932529  | 96.30  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.751 | 330  | 830489   | 124.90 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.281  | 172  | 3400800  | 81.69  | ng    | 0.00      |
| 79) Terphenyl-d14           | 13.045 | 244  | 2943568  | 105.44 | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 10) Phenol                  | 6.551  | 94   | 108811   | 4.65   | ng    | Qvalue 94 |
| 50) Dimethylphthalate       | 9.669  | 163  | 315380   | 7.47   | ng    | 99        |
| -----                       |        |      |          |        |       |           |

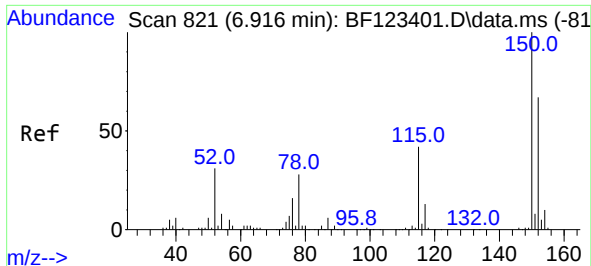
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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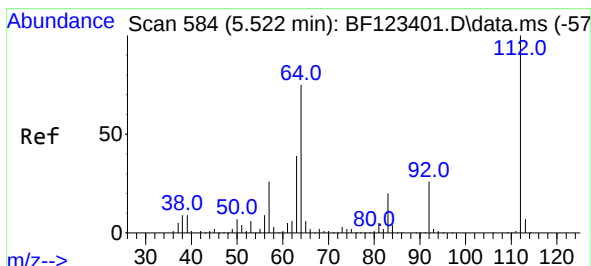
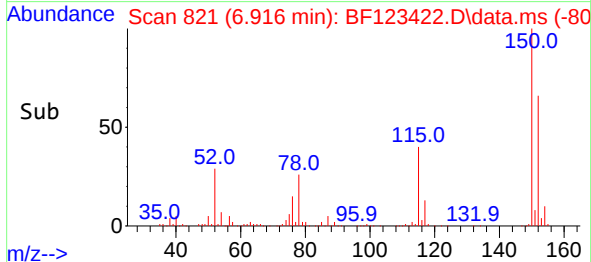
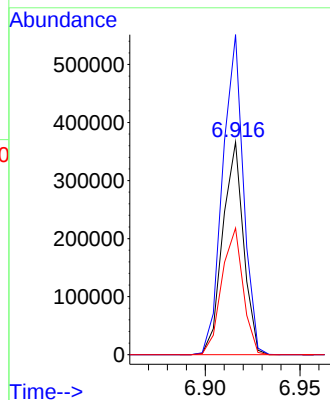
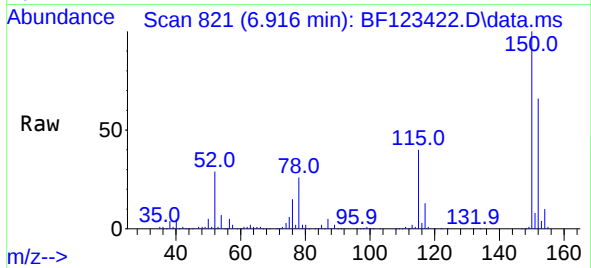




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.916 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

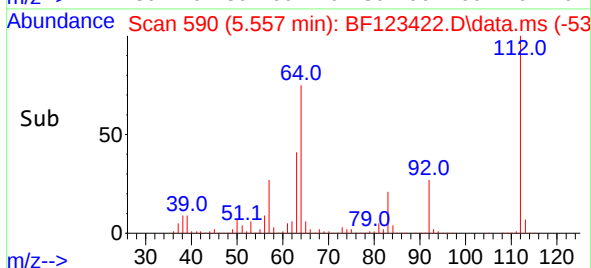
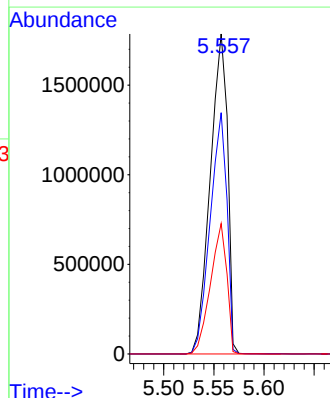
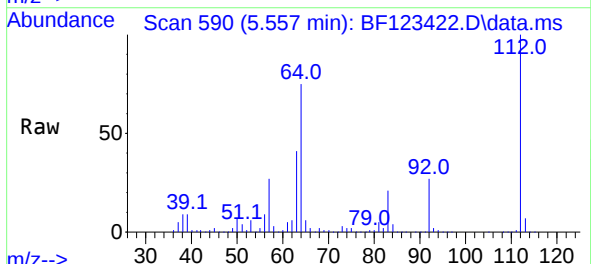
Instrument :  
BNA\_F  
ClientSampleId :  
EXTERNAL-PAD-COMP

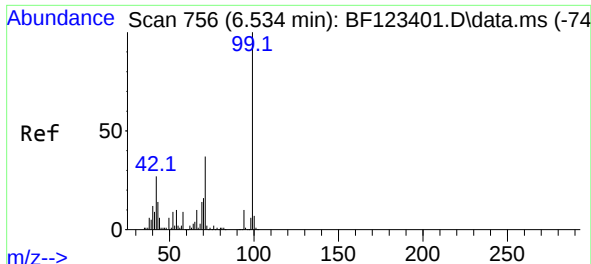
Tgt Ion:152 Resp: 280016  
Ion Ratio Lower Upper  
152 100  
150 150.5 125.8 188.6  
115 59.5 49.3 73.9



#5  
2-Fluorophenol  
Concen: 125.50 ng  
RT: 5.557 min Scan# 590  
Delta R.T. 0.035 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

Tgt Ion:112 Resp: 2148040  
Ion Ratio Lower Upper  
112 100  
64 75.4 46.9 70.3#  
63 40.8 24.5 36.7#

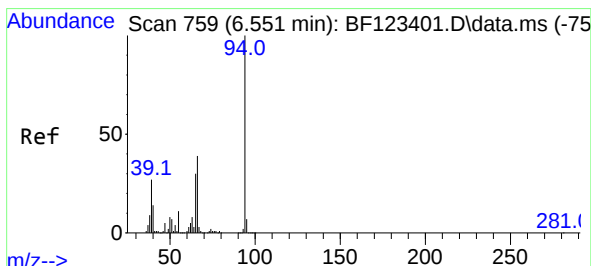
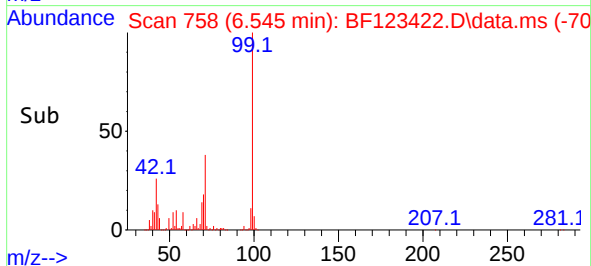
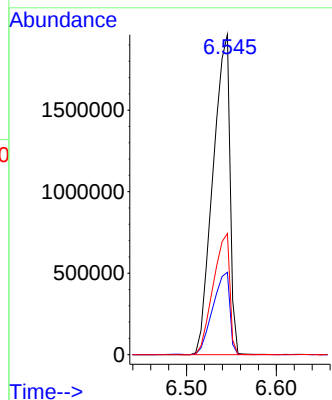
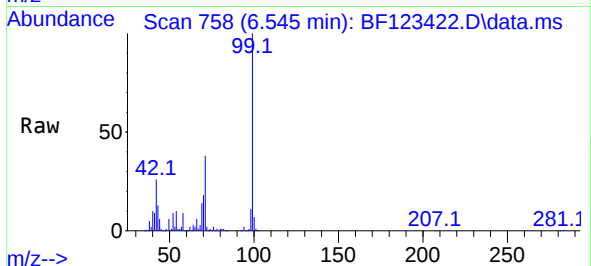




#7  
Phenol-d6  
Concen: 112.95 ng  
RT: 6.545 min Scan# 758  
Delta R.T. 0.012 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

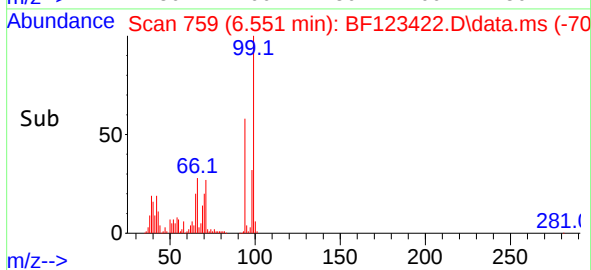
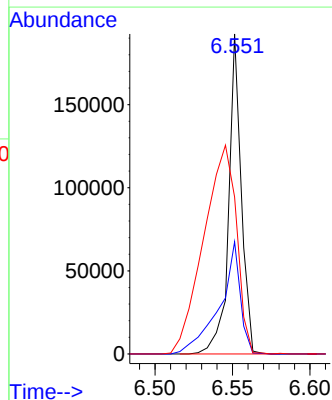
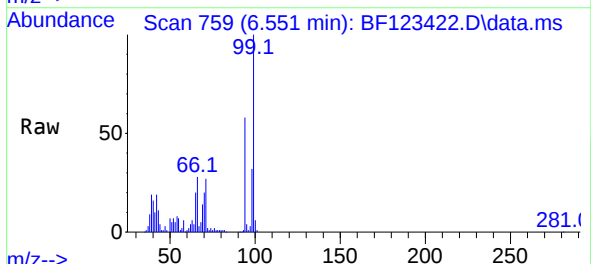
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ClientSampleId :  
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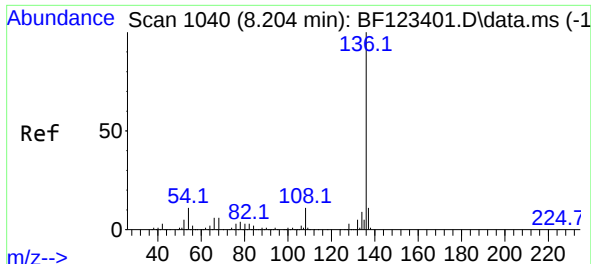
Tgt Ion: 99 Resp: 2573655  
Ion Ratio Lower Upper  
99 100  
42 25.7 13.8 20.6#  
71 37.9 26.9 40.3



#10  
Phenol  
Concen: 4.65 ng  
RT: 6.551 min Scan# 759  
Delta R.T. 0.000 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

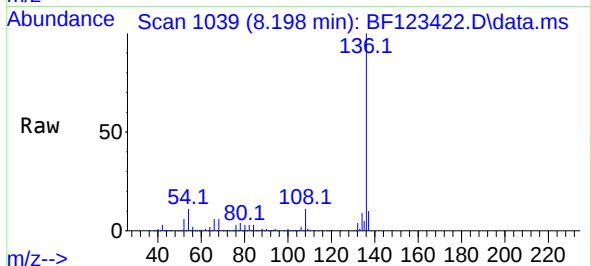
Tgt Ion: 94 Resp: 108811  
Ion Ratio Lower Upper  
94 100  
65 35.0 11.2 51.2  
66 49.1 25.8 65.8





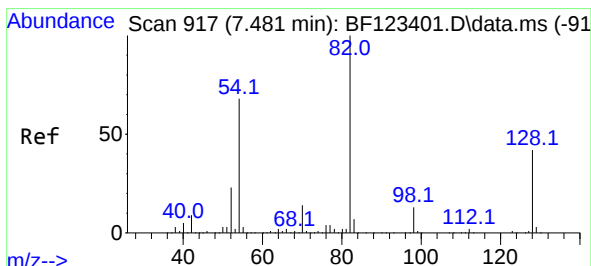
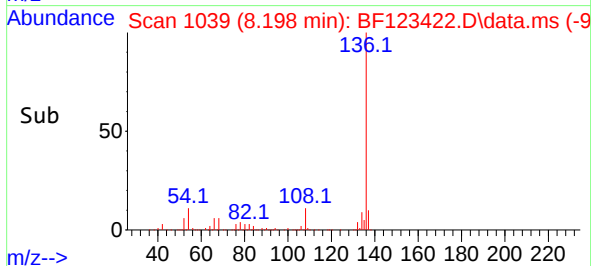
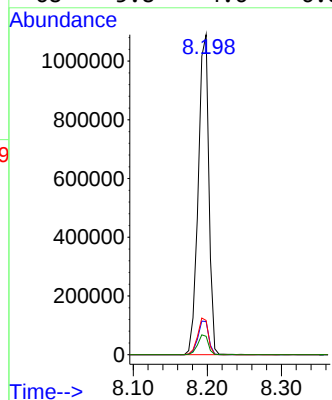
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. -0.006 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

Instrument :  
BNA\_F  
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EXTERNAL-PAD-COMP



Tgt Ion:136 Resp: 1083094

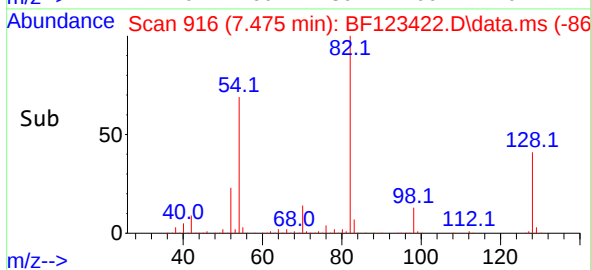
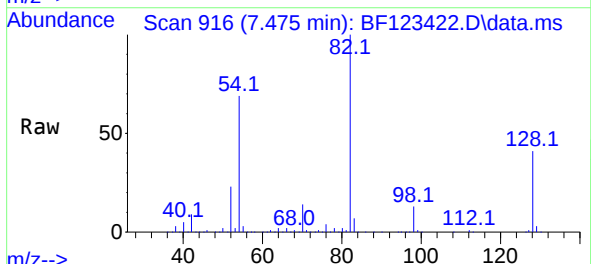
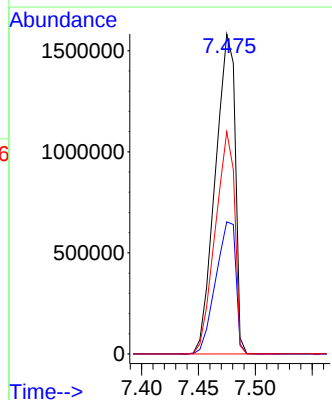
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.3  | 8.8   | 13.2  |
| 54  | 10.7  | 5.5   | 8.3#  |
| 68  | 5.8   | 4.6   | 6.8   |

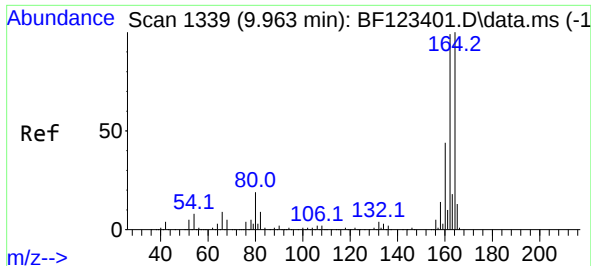


#23  
Nitrobenzene-d5  
Concen: 96.30 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

Tgt Ion: 82 Resp: 1932529

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.3  | 37.0  | 55.4  |
| 54  | 69.5  | 38.4  | 57.6# |





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.957 min Scan# 1338

Delta R.T. -0.006 min

Lab File: BF123422.D

Acq: 24 Mar 2021 4:54

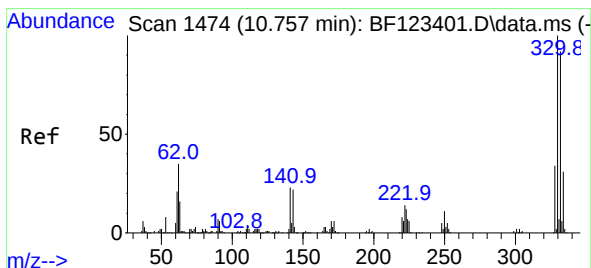
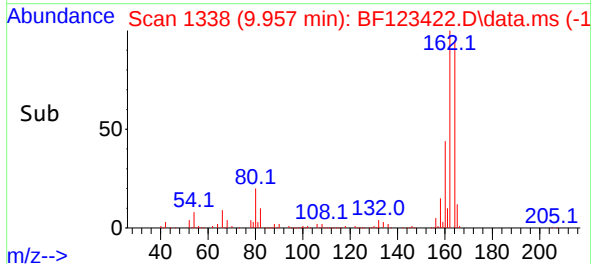
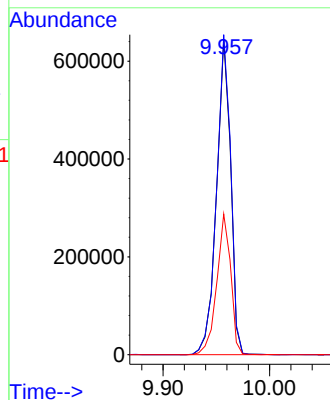
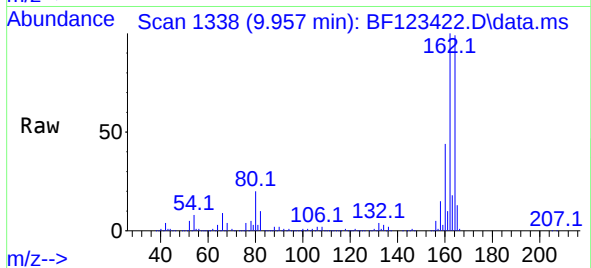
Tgt Ion:164 Resp: 594737

Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

160 44.6 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 124.90 ng

RT: 10.751 min Scan# 1473

Delta R.T. -0.006 min

Lab File: BF123422.D

Acq: 24 Mar 2021 4:54

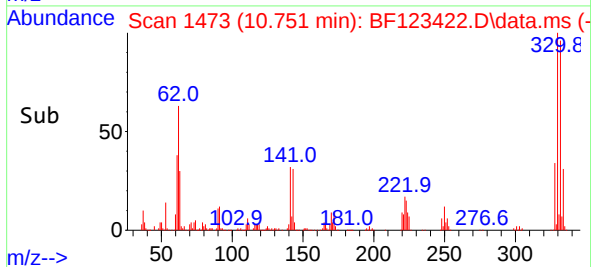
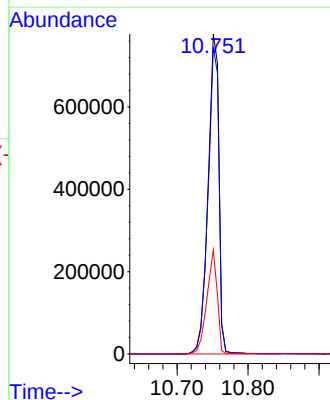
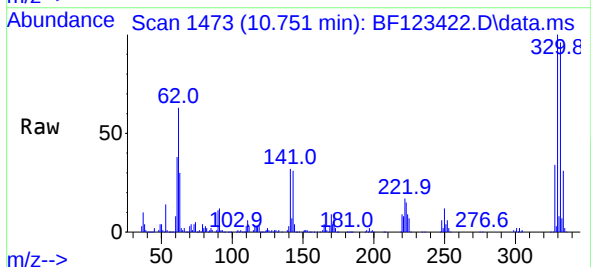
Tgt Ion:330 Resp: 830489

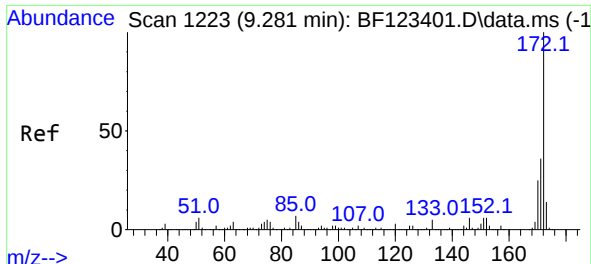
Ion Ratio Lower Upper

330 100

332 96.6 77.5 116.3

141 31.1 23.8 35.8

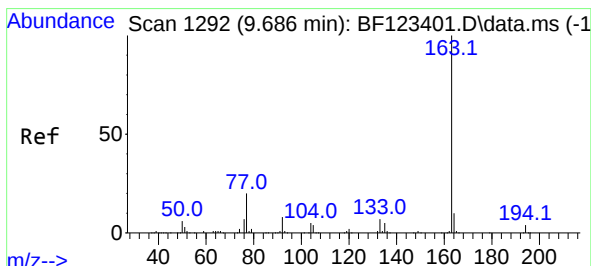
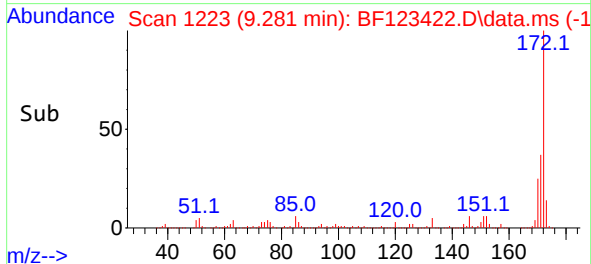
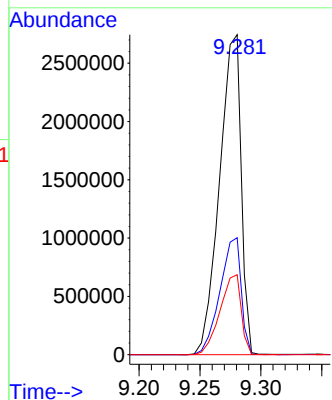
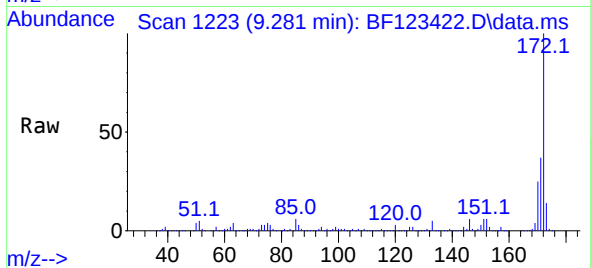




#45  
2-Fluorobiphenyl  
Concen: 81.69 ng  
RT: 9.281 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

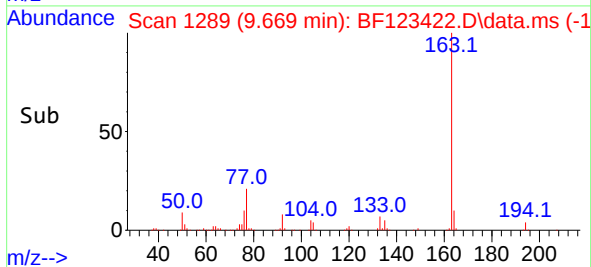
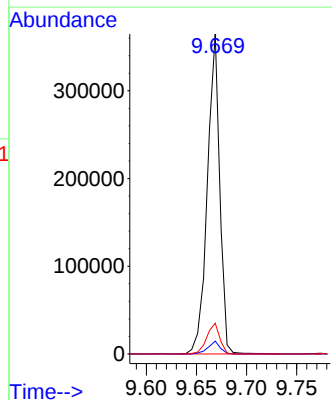
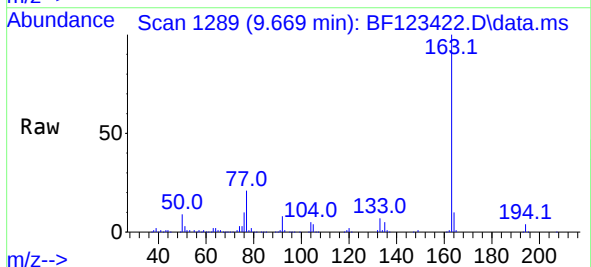
Instrument :  
BNA\_F  
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EXTERNAL-PAD-COMP

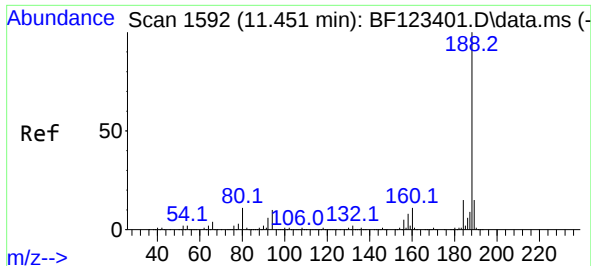
Tgt Ion:172 Resp: 3400800  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.6 44.4  
170 25.0 19.5 29.3



#50  
Dimethylphthalate  
Concen: 7.47 ng  
RT: 9.669 min Scan# 1289  
Delta R.T. -0.018 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

Tgt Ion:163 Resp: 315380  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 9.6 8.1 12.1

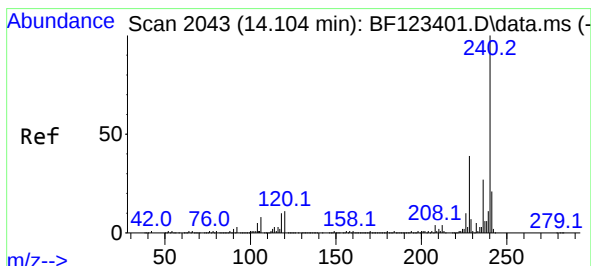
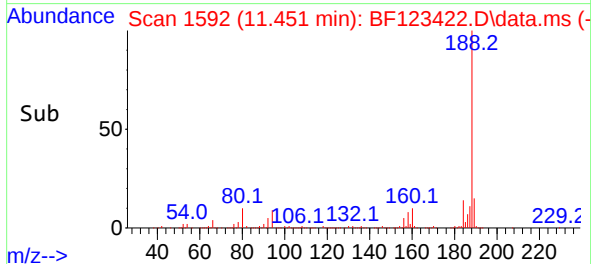
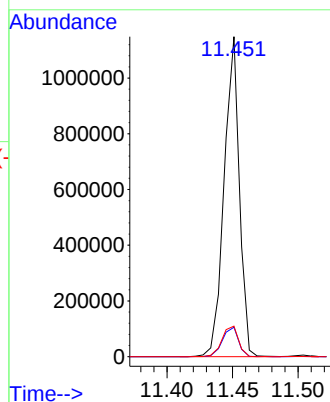
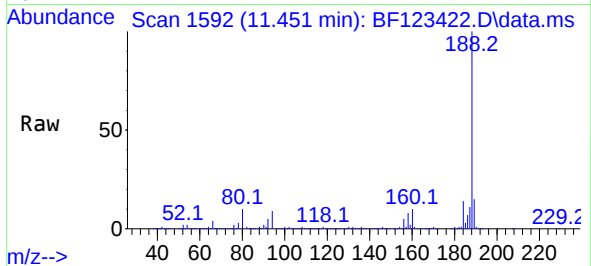




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. 0.000 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

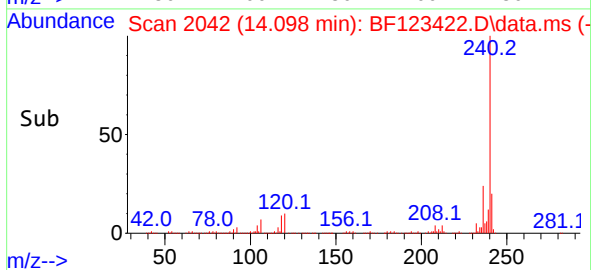
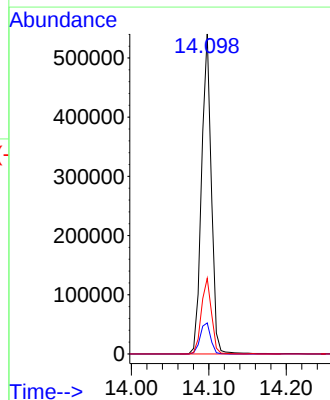
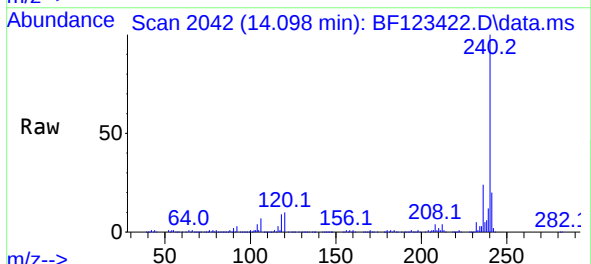
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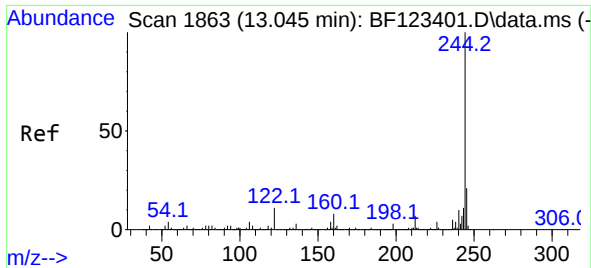
Tgt Ion:188 Resp: 925566  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.4 11.2  
80 9.6 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.098 min Scan# 2042  
Delta R.T. -0.006 min  
Lab File: BF123422.D  
Acq: 24 Mar 2021 4:54

Tgt Ion:240 Resp: 473134  
Ion Ratio Lower Upper  
240 100  
120 9.7 8.6 12.8  
236 23.7 20.3 30.5

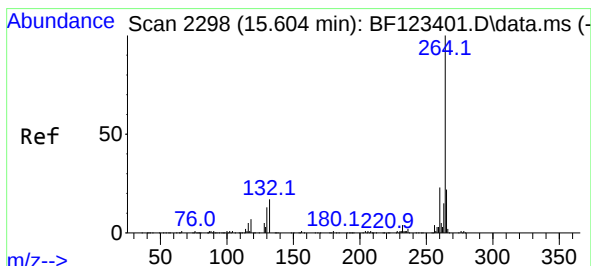
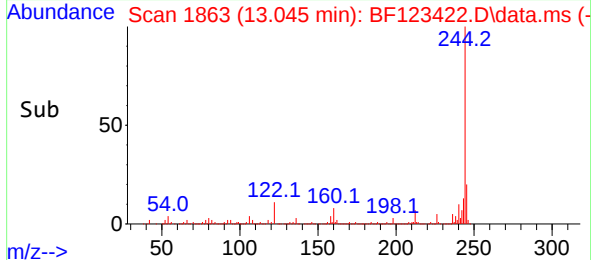
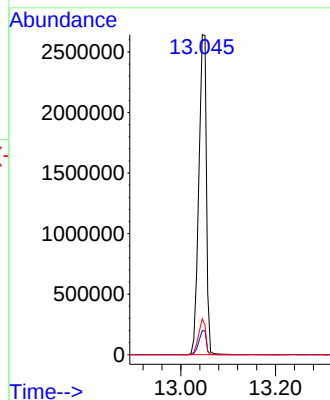
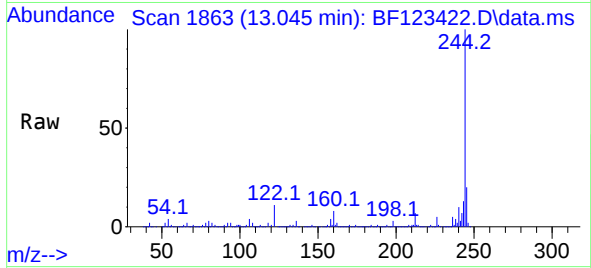




#79  
 Terphenyl-d14  
 Concen: 105.44 ng  
 RT: 13.045 min Scan# 1863  
 Delta R.T. 0.000 min  
 Lab File: BF123422.D  
 Acq: 24 Mar 2021 4:54

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EXTERNAL-PAD-COMP

Tgt Ion:244 Resp: 2943568  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 5.7 8.5  
 122 11.2 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.604 min Scan# 2298  
 Delta R.T. 0.000 min  
 Lab File: BF123422.D  
 Acq: 24 Mar 2021 4:54

Tgt Ion:264 Resp: 452442  
 Ion Ratio Lower Upper  
 264 100  
 260 22.5 18.6 28.0  
 265 21.0 17.0 25.6

