

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021721\  
 Data File : BF123219.D  
 Acq On : 17 Feb 2021 18:51  
 Operator : JU/CG  
 Sample : M1424-01 2X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OR-02-021621

Quant Time: Feb 18 06:37:33 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF021221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 12 16:59:49 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 208545   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 634410   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 306459   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 513580   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 354016   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.533 | 264  | 349897   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 502062   | 36.49 | ng    | 0.00     |
| 7) Phenol-d6                | 6.492  | 99   | 663999   | 36.54 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.428  | 82   | 290125   | 24.03 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 114668   | 34.65 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.228  | 172  | 518302   | 25.28 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 418572   | 23.70 | ng    | 0.00     |

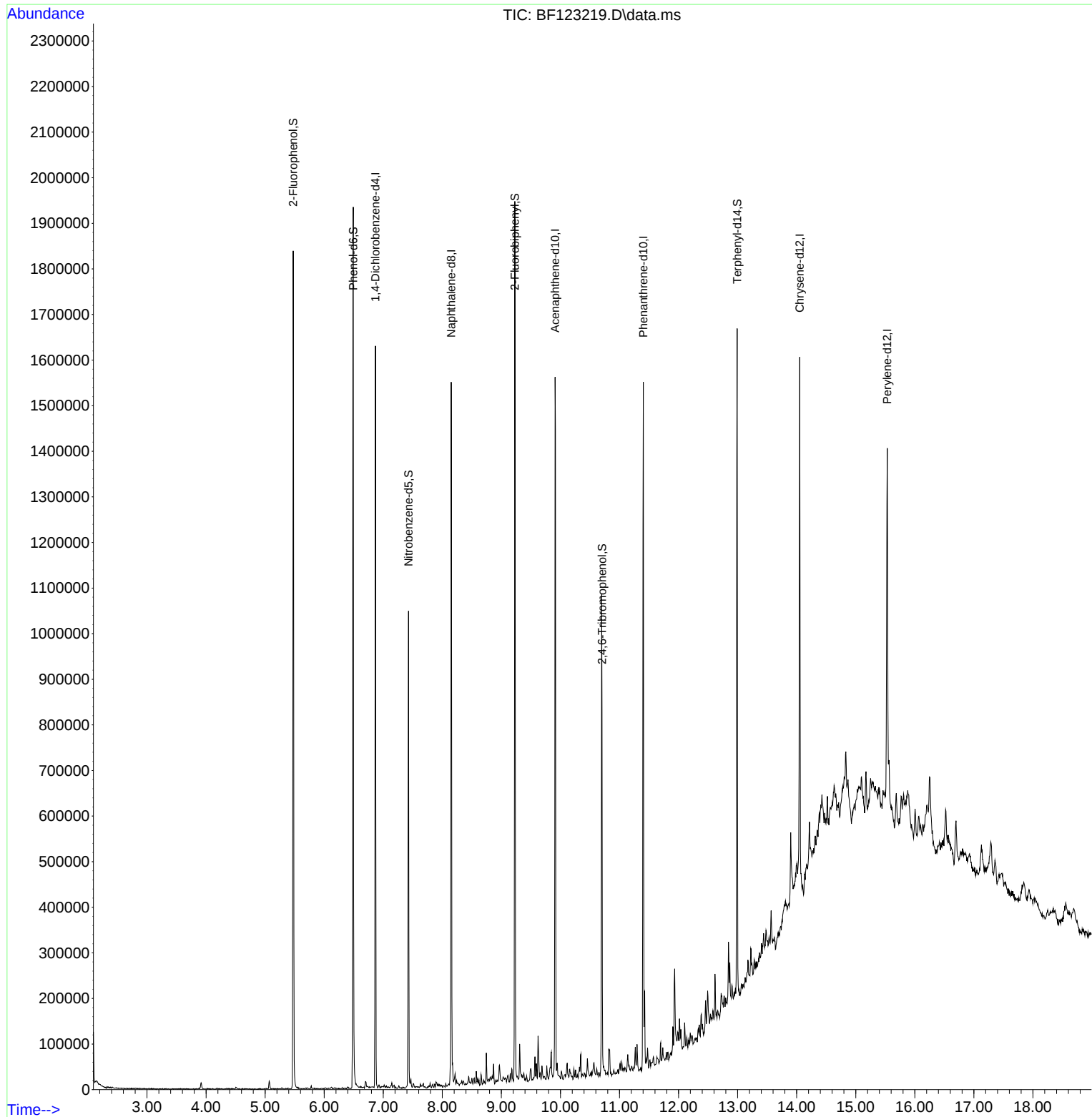
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

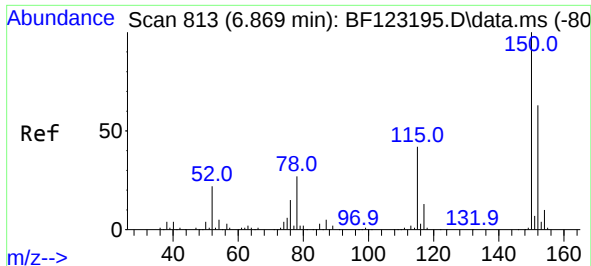
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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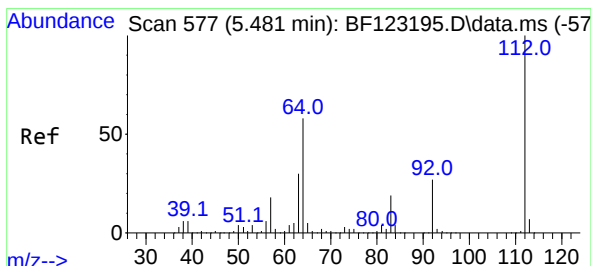
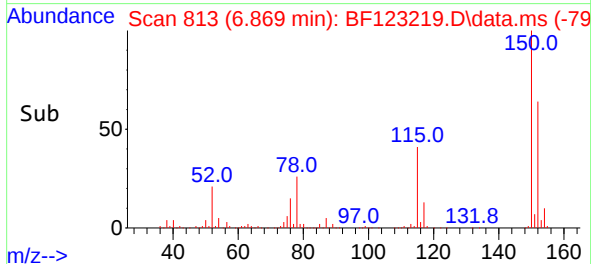
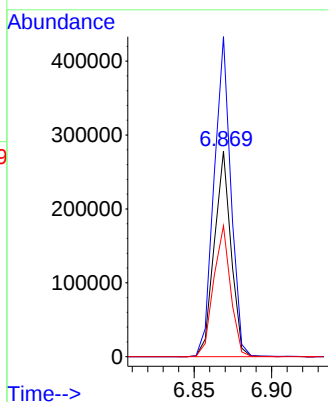
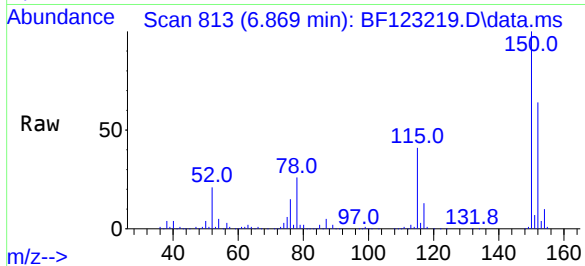




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF123219.D  
Acq: 17 Feb 2021 18:51

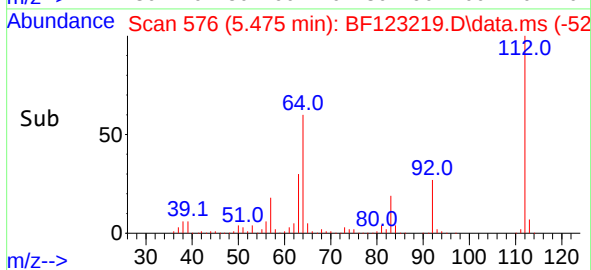
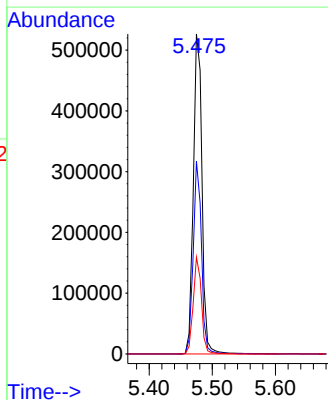
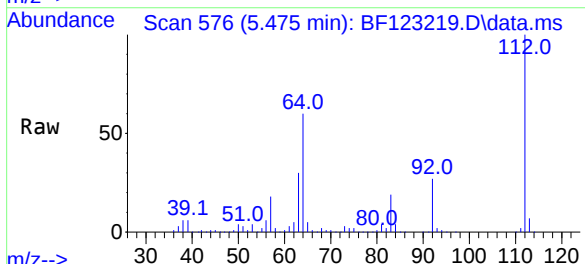
Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-021621

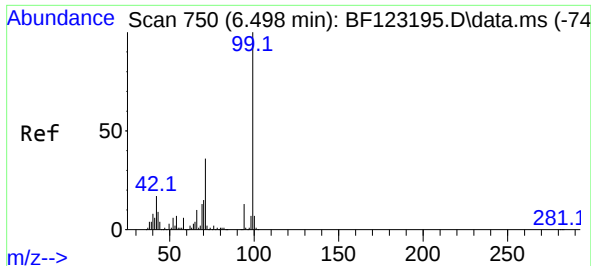
Tgt Ion:152 Resp: 208545  
Ion Ratio Lower Upper  
152 100  
150 155.6 125.8 188.6  
115 63.6 49.3 73.9



#5  
2-Fluorophenol  
Concen: 36.49 ng  
RT: 5.475 min Scan# 576  
Delta R.T. -0.006 min  
Lab File: BF123219.D  
Acq: 17 Feb 2021 18:51

Tgt Ion:112 Resp: 502062  
Ion Ratio Lower Upper  
112 100  
64 60.2 46.9 70.3  
63 30.3 24.5 36.7

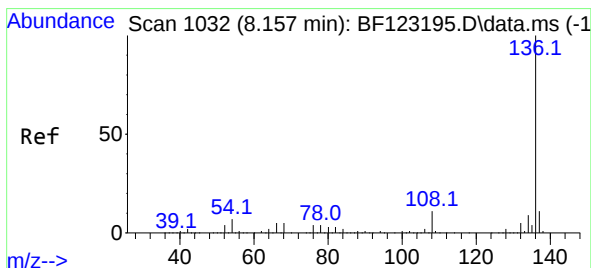
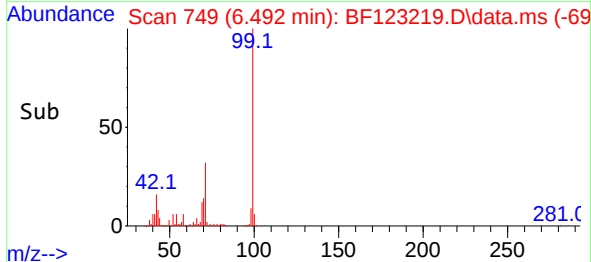
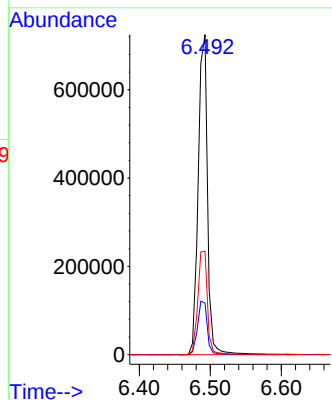
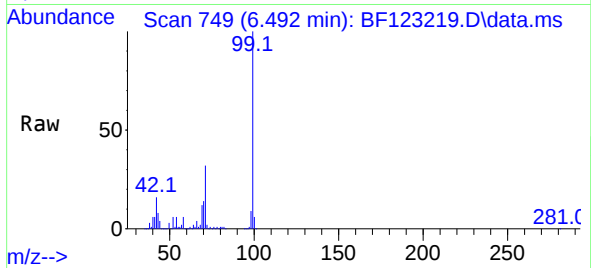




#7  
Phenol-d6  
Concen: 36.54 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF123219.D  
Acq: 17 Feb 2021 18:51

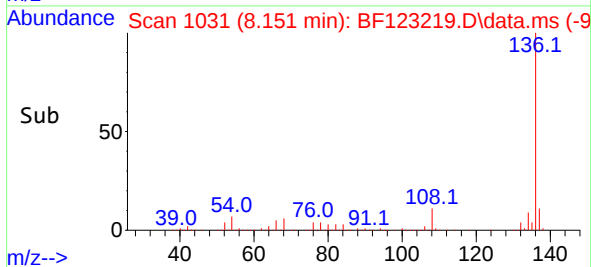
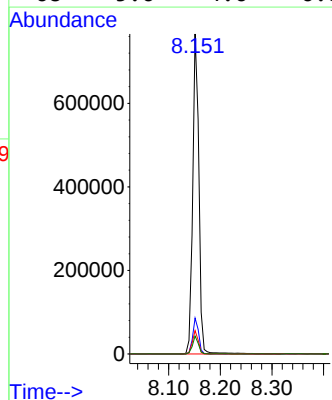
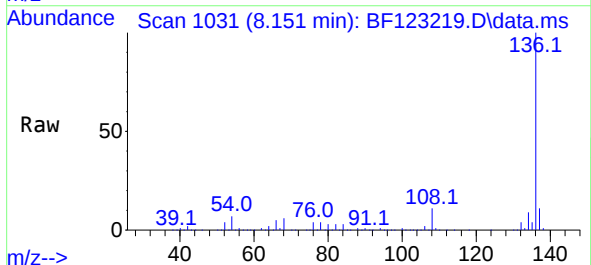
Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-021621

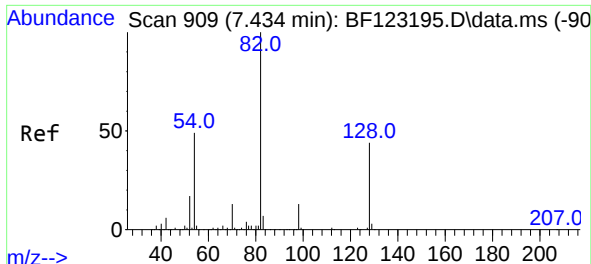
Tgt Ion: 99 Resp: 663999  
Ion Ratio Lower Upper  
99 100  
42 16.1 13.8 20.6  
71 32.4 26.9 40.3



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF123219.D  
Acq: 17 Feb 2021 18:51

Tgt Ion: 136 Resp: 634410  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 7.3 5.5 8.3  
68 5.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 24.03 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF123219.D

Acq: 17 Feb 2021 18:51

Instrument :

BNA\_F

ClientSampleId :

OR-02-021621

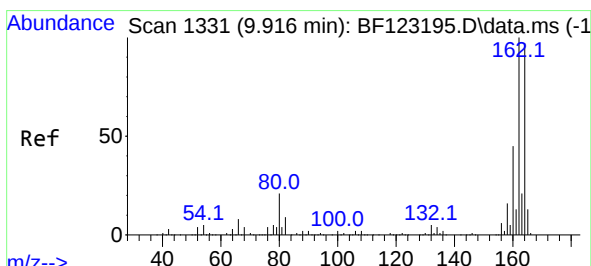
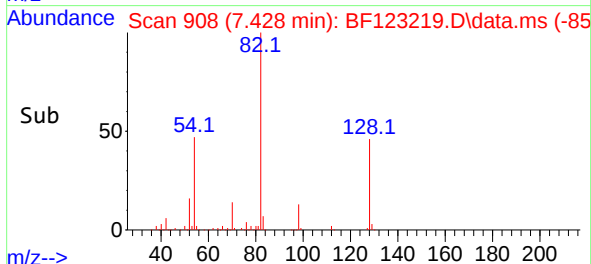
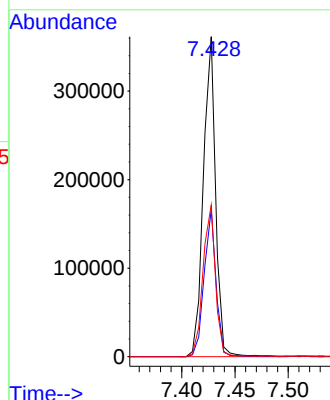
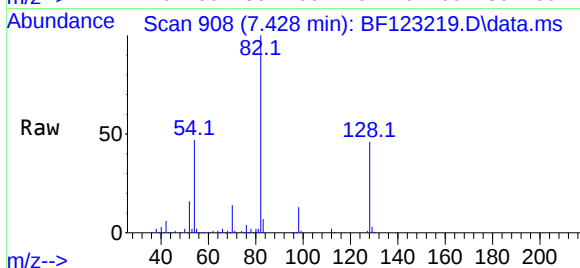
Tgt Ion: 82 Resp: 290125

Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.4

54 47.4 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF123219.D

Acq: 17 Feb 2021 18:51

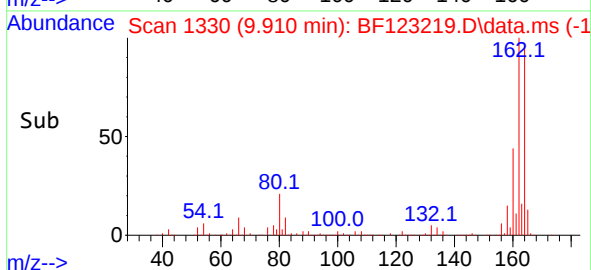
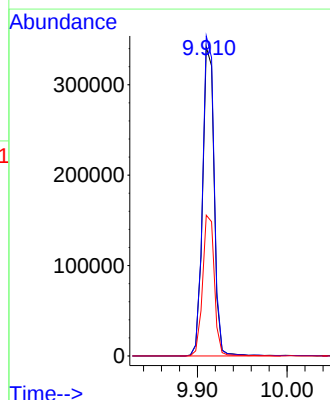
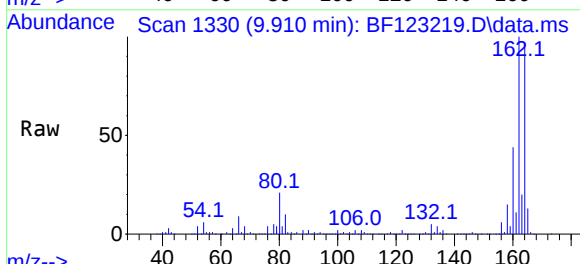
Tgt Ion:164 Resp: 306459

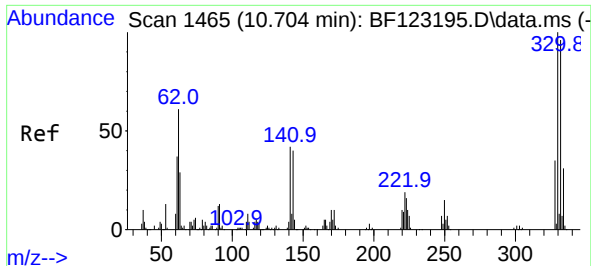
Ion Ratio Lower Upper

164 100

162 103.6 80.8 121.2

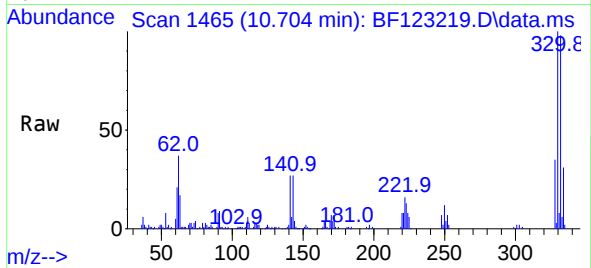
160 45.6 35.4 53.0



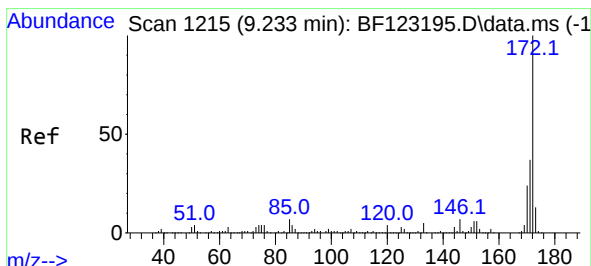
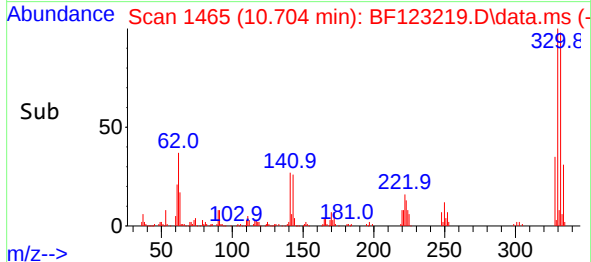
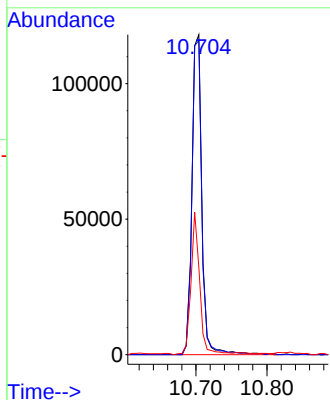


#42  
2,4,6-Tribromophenol  
Concen: 34.65 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BF123219.D  
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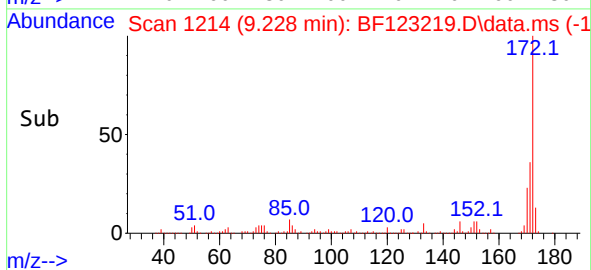
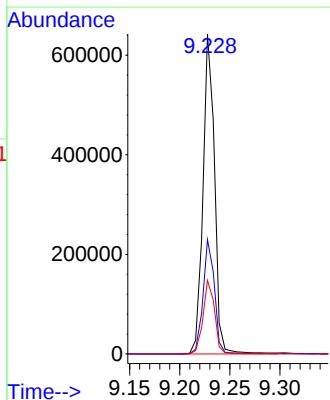
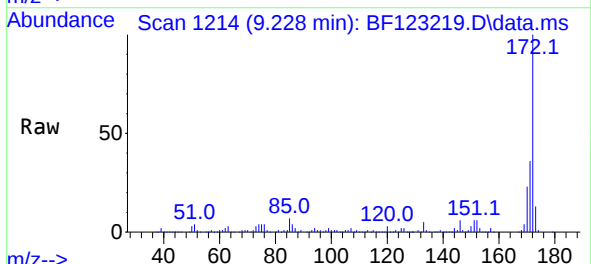


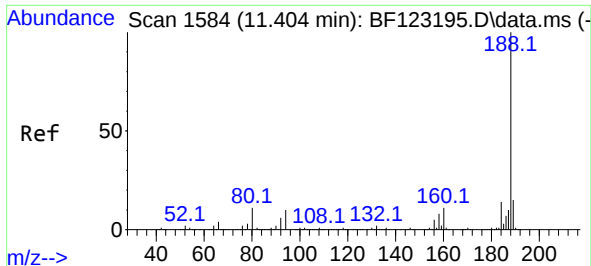
Tgt Ion:330 Resp: 114668  
Ion Ratio Lower Upper  
330 100  
332 97.9 77.5 116.3  
141 39.2 23.8 35.8#



#45  
2-Fluorobiphenyl  
Concen: 25.28 ng  
RT: 9.228 min Scan# 1214  
Delta R.T. -0.006 min  
Lab File: BF123219.D  
Acq: 17 Feb 2021 18:51

Tgt Ion:172 Resp: 518302  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.6 44.4  
170 23.0 19.5 29.3

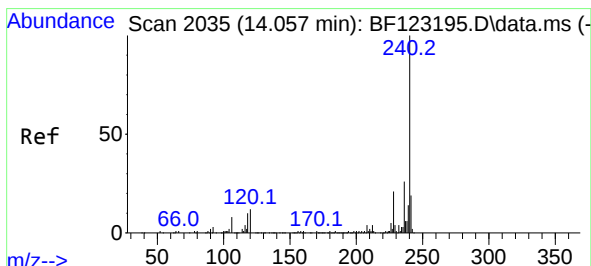
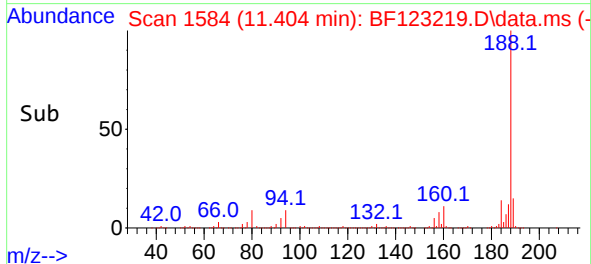
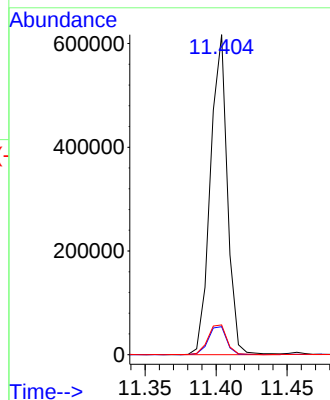
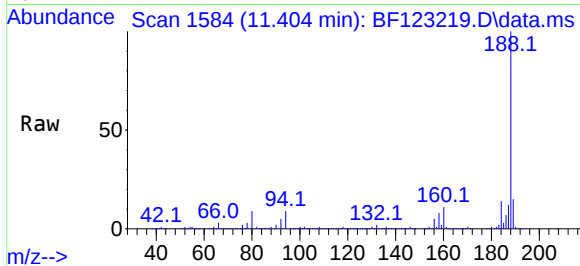




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: BF123219.D  
Acq: 17 Feb 2021 18:51

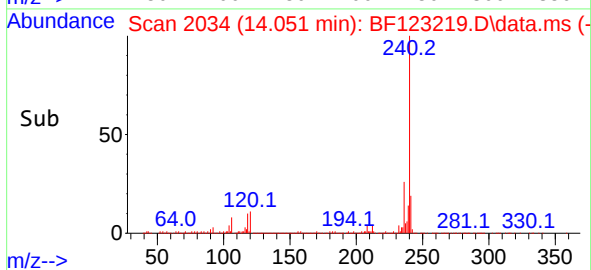
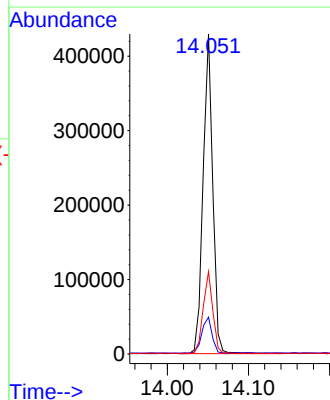
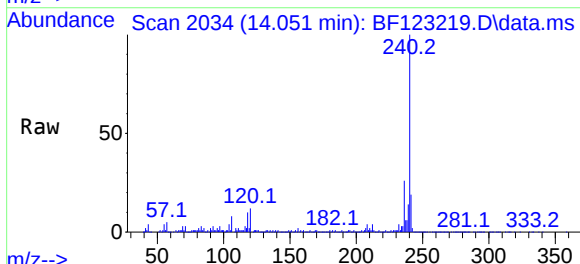
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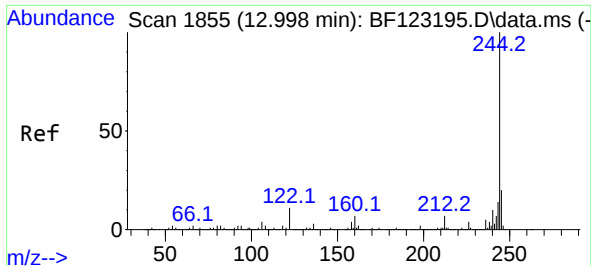
Tgt Ion:188 Resp: 513580  
Ion Ratio Lower Upper  
188 100  
94 8.7 7.4 11.2  
80 9.3 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: BF123219.D  
Acq: 17 Feb 2021 18:51

Tgt Ion:240 Resp: 354016  
Ion Ratio Lower Upper  
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120 11.5 8.6 12.8  
236 25.7 20.3 30.5

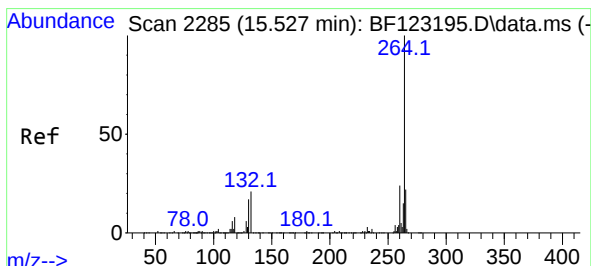
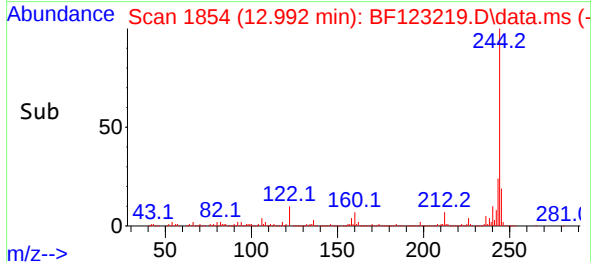
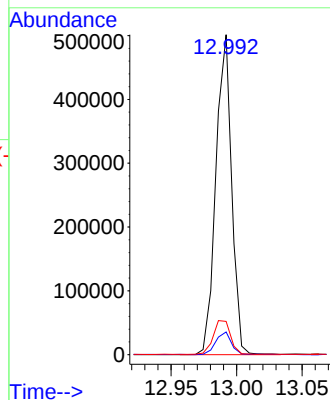
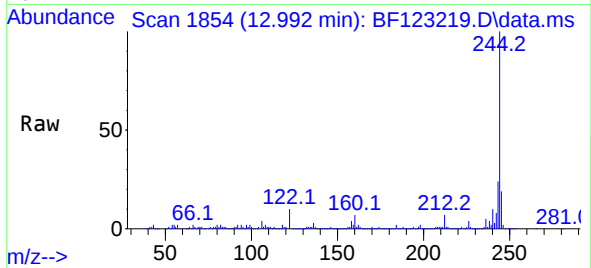




#79  
Terphenyl-d14  
Concen: 23.70 ng  
RT: 12.992 min Scan# 1854  
Delta R.T. -0.006 min  
Lab File: BF123219.D  
Acq: 17 Feb 2021 18:51

Instrument :  
BNA\_F  
ClientSampleId :  
OR-02-021621

Tgt Ion:244 Resp: 418572  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.7 8.5  
122 10.4 8.3 12.5



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.533 min Scan# 2286  
Delta R.T. 0.006 min  
Lab File: BF123219.D  
Acq: 17 Feb 2021 18:51

Tgt Ion:264 Resp: 349897  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.6 28.0  
265 21.5 17.0 25.6

