

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042121\  
 Data File : BF123671.D  
 Acq On : 21 Apr 2021 17:21  
 Operator : JU/CG  
 Sample : M2075-25  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-8-S

Quant Time: Apr 21 18:12:16 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 20 15:49:40 2021  
 Response via : Initial Calibration

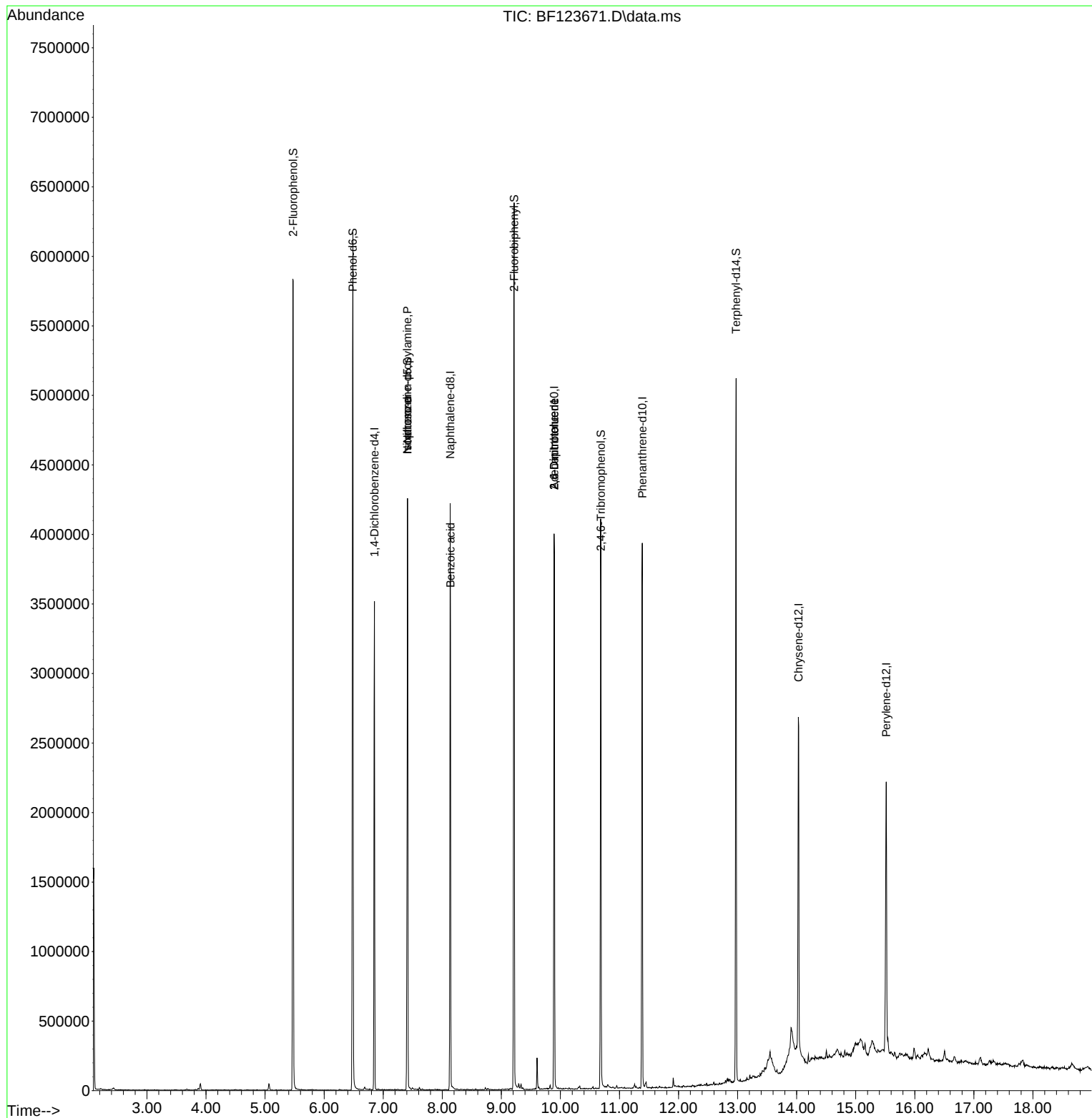
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.851  | 152  | 452582   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.134  | 136  | 1678023  | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.892  | 164  | 814183   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 1428602  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 875631   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.516 | 264  | 931399   | 20.00 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 1414788  | 50.52 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.487  | 99   | 1846165  | 47.58 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.410  | 82   | 1301794  | 35.66 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.686 | 330  | 468487   | 50.81 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.216  | 172  | 1918342  | 35.12 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.975 | 244  | 1619004  | 35.94 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.410  | 70   | 176809   | 6.88  | ng    | # 73     |
| 25) Isophorone                | 7.410  | 82   | 1301776  | 18.38 | ng    | # 69     |
| 32) Benzoic acid              | 8.140  | 122  | 645      | 4.58  | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.892  | 165  | 103971   | 8.42  | ng    | # 11     |
| 57) 2,4-Dinitrotoluene        | 9.892  | 165  | 104119   | 6.31  | ng    | # 17     |
| 89) Benzo(k)fluoranthene      | 15.080 | 252  | 10637    | Below | Cal   | # 44     |
| 92) Benzo(g,h,i)perylene      | 17.427 | 276  | 5430     | Below | Cal   | # 46     |
| -----                         |        |      |          |       |       |          |

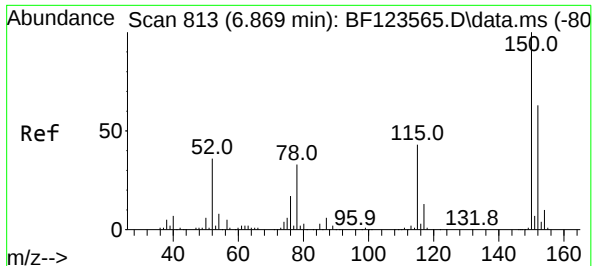
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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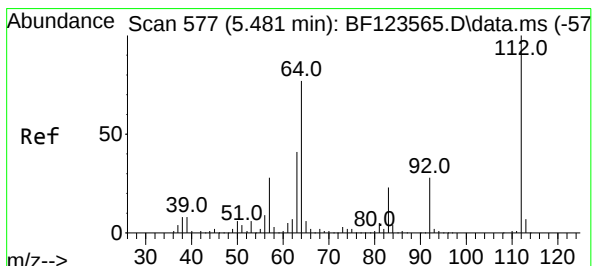
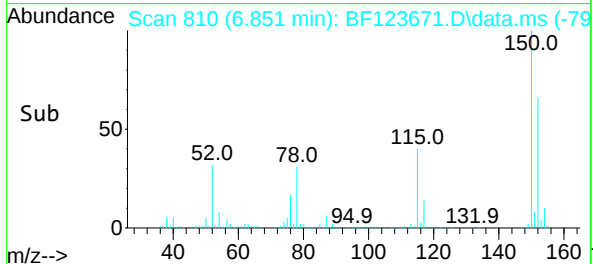
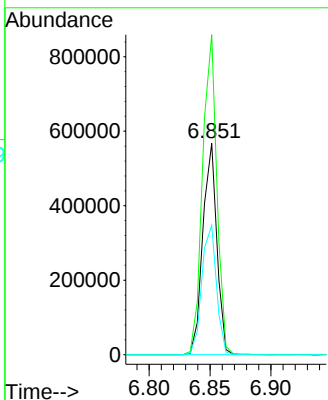
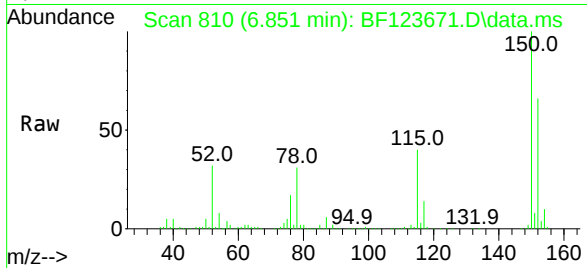




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.851 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

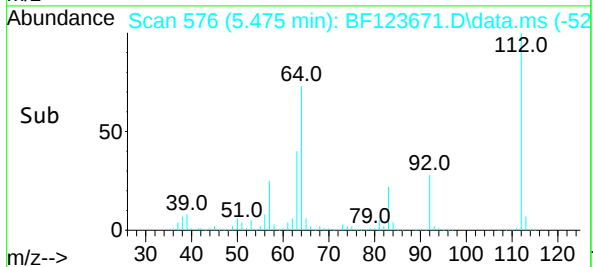
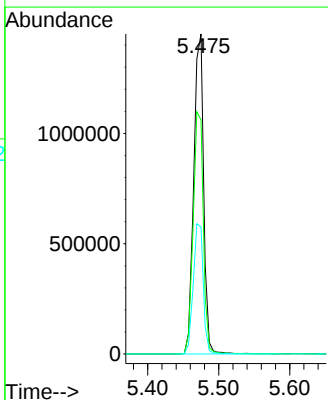
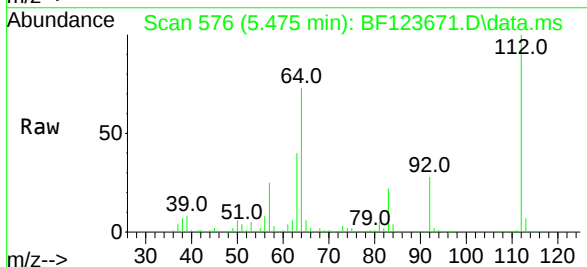
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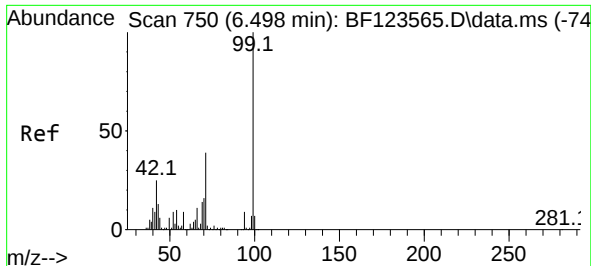
Tgt Ion:152 Resp: 452582  
Ion Ratio Lower Upper  
152 100  
150 151.4 127.0 190.6  
115 61.2 54.3 81.5



#5  
2-Fluorophenol  
Concen: 50.52 ng  
RT: 5.475 min Scan# 576  
Delta R.T. 0.006 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

Tgt Ion:112 Resp: 1414788  
Ion Ratio Lower Upper  
112 100  
64 73.1 61.4 92.0  
63 39.7 33.0 49.4

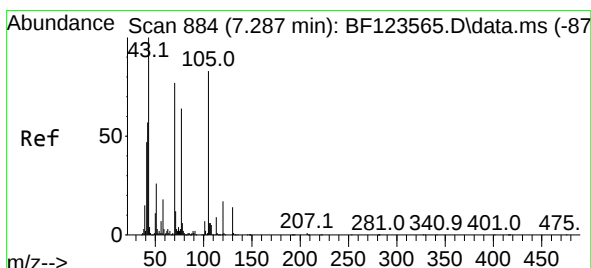
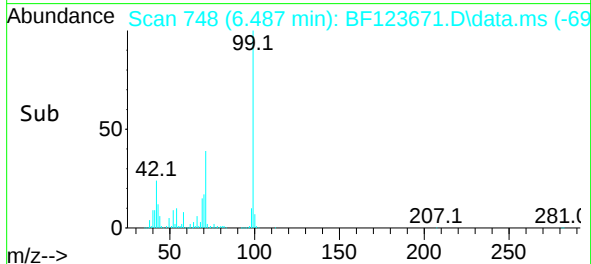
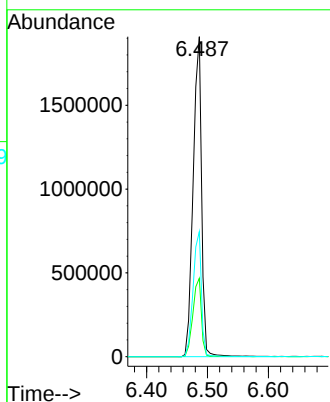
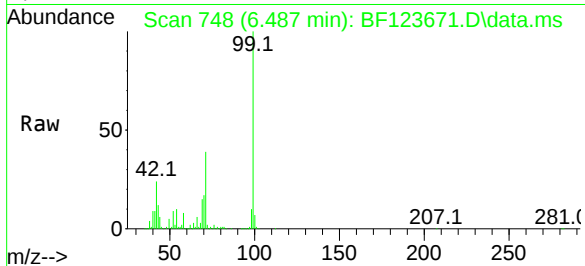




#7  
Phenol-d6  
Concen: 47.58 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.006 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

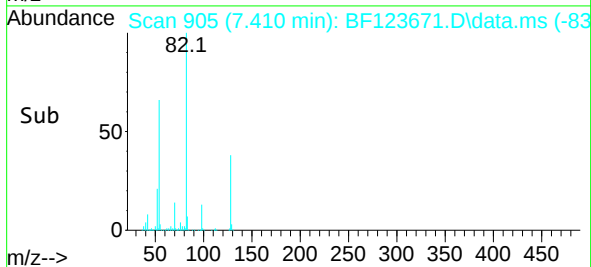
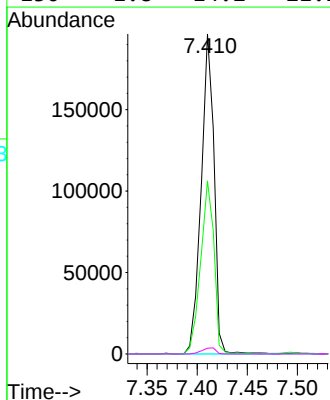
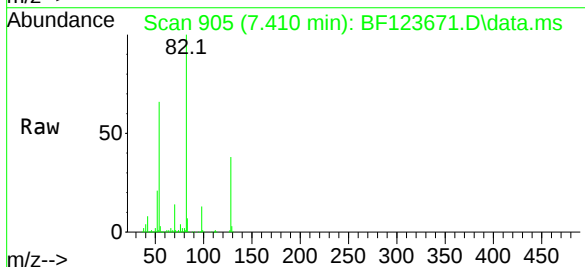
Instrument :  
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ClientSampleId :  
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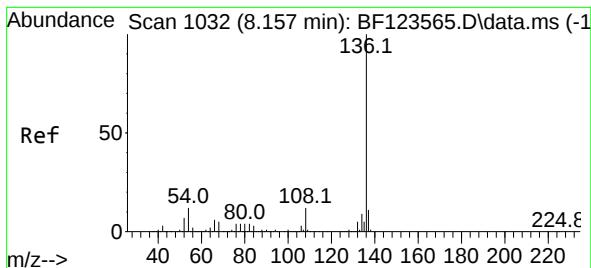
Tgt Ion: 99 Resp: 1846165  
Ion Ratio Lower Upper  
99 100  
42 24.5 19.8 29.8  
71 39.1 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 6.88 ng  
RT: 7.410 min Scan# 905  
Delta R.T. 0.141 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

Tgt Ion: 70 Resp: 176809  
Ion Ratio Lower Upper  
70 100  
42 54.1 60.1 90.1#  
101 0.0 7.4 11.2#  
130 1.8 14.2 21.2#

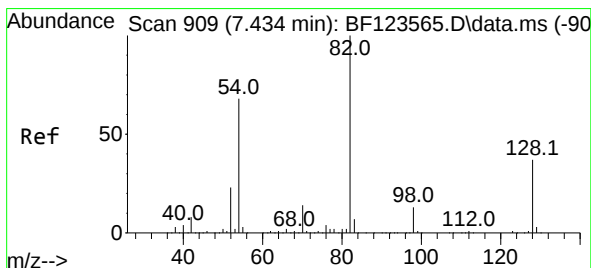
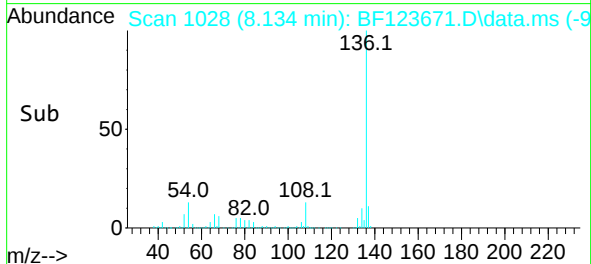
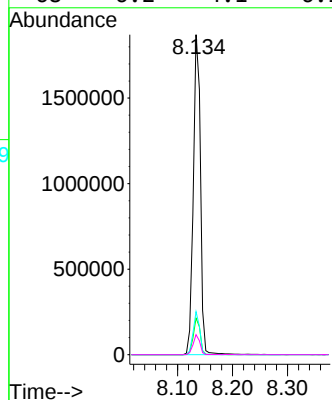
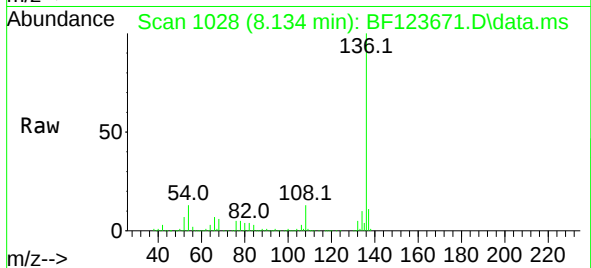




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.134 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

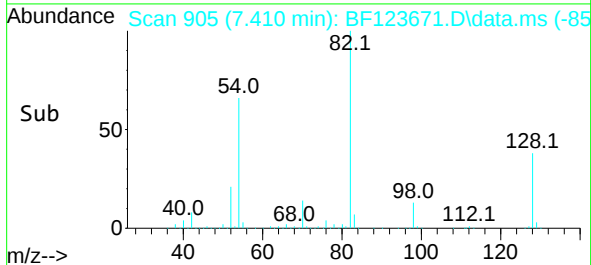
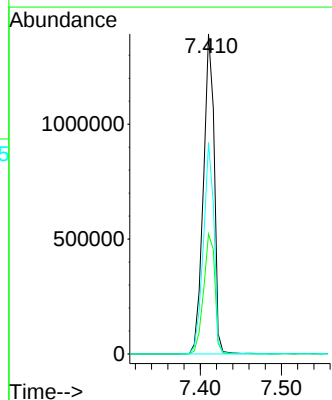
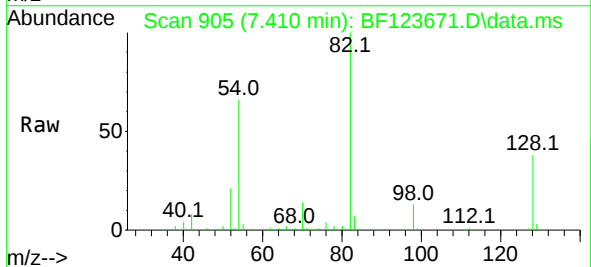
Instrument :  
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ClientSampleId :  
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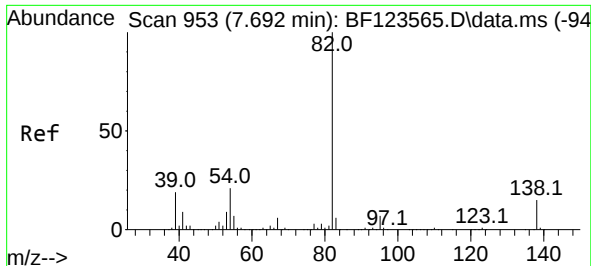
Tgt Ion:136 Resp: 1678023  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.7 13.1  
54 13.4 9.8 14.6  
68 6.2 4.1 6.1#



#23  
Nitrobenzene-d5  
Concen: 35.66 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

Tgt Ion: 82 Resp: 1301794  
Ion Ratio Lower Upper  
82 100  
128 37.5 29.4 44.2  
54 66.1 54.1 81.1

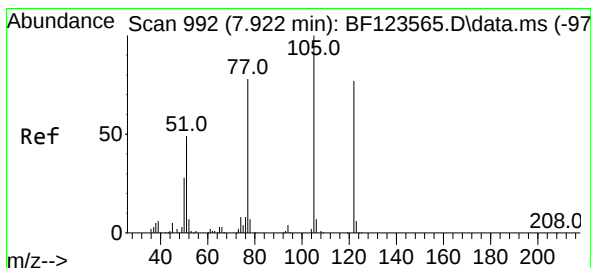
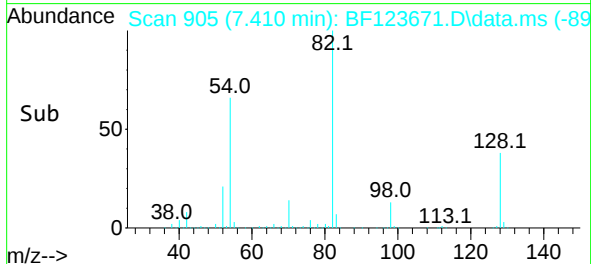
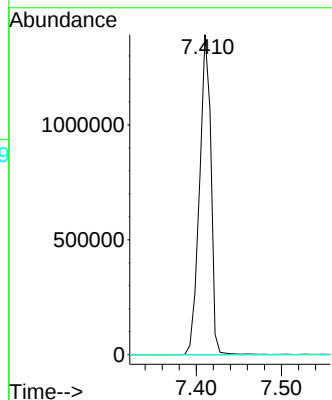
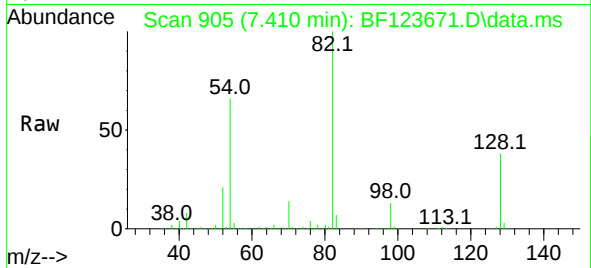




#25  
Isophorone  
Concen: 18.38 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.265 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

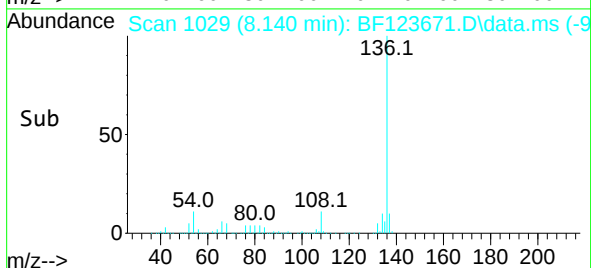
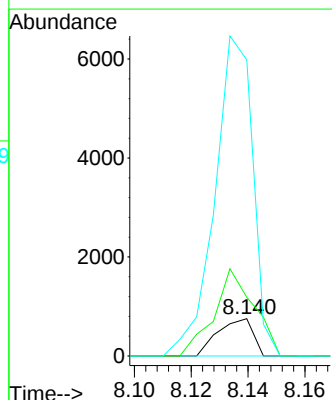
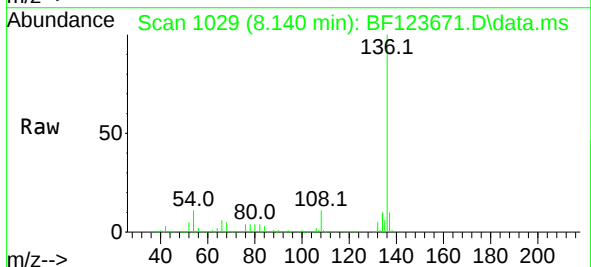
Instrument :  
BNA\_F  
ClientSampled :  
TP-8-S

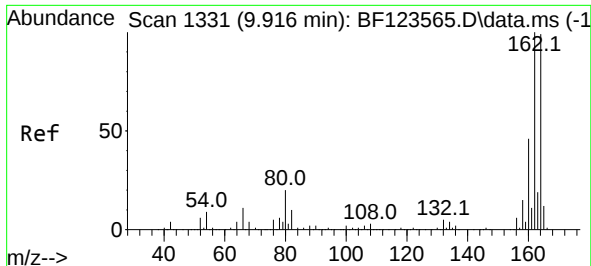
Tgt Ion: 82 Resp: 1301776  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#32  
Benzoic acid  
Concen: 4.58 ng  
RT: 8.140 min Scan# 1029  
Delta R.T. 0.224 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

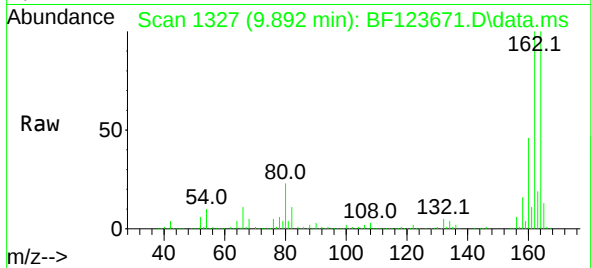
Tgt Ion:122 Resp: 645  
Ion Ratio Lower Upper  
122 100  
105 157.2 107.8 147.8#  
77 793.5 81.6 121.6#



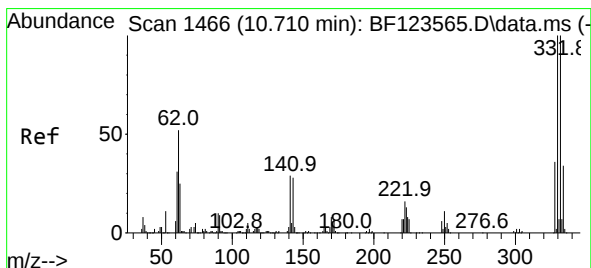
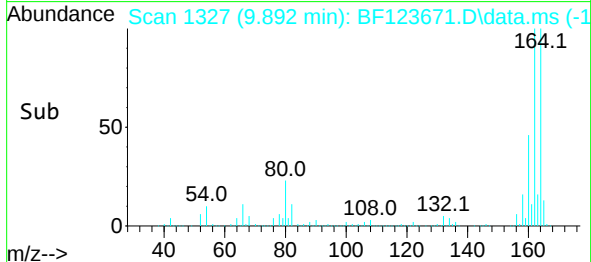
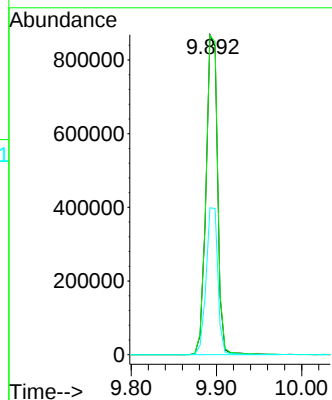


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8-S

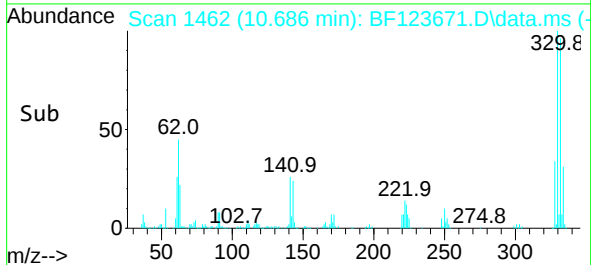
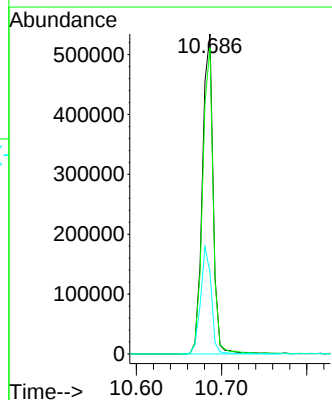
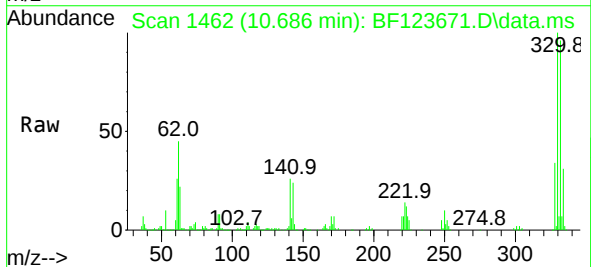


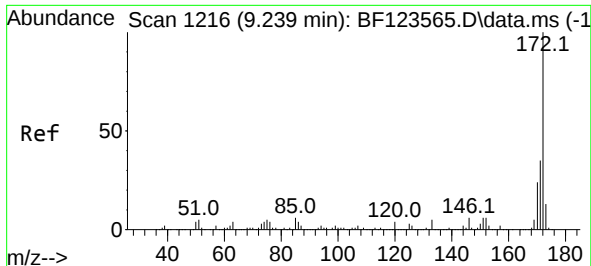
Tgt Ion:164 Resp: 814183  
Ion Ratio Lower Upper  
164 100  
162 99.8 80.7 121.1  
160 45.9 37.3 55.9



#42  
2,4,6-Tribromophenol  
Concen: 50.81 ng  
RT: 10.686 min Scan# 1462  
Delta R.T. 0.000 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

Tgt Ion:330 Resp: 468487  
Ion Ratio Lower Upper  
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332 94.0 77.1 115.7  
141 33.2 27.9 41.9

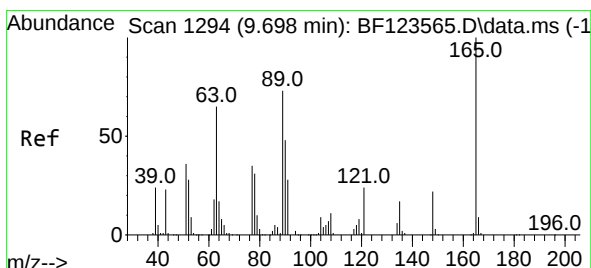
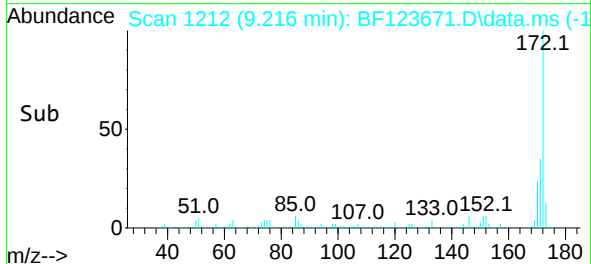
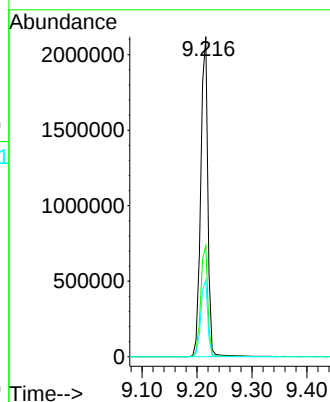
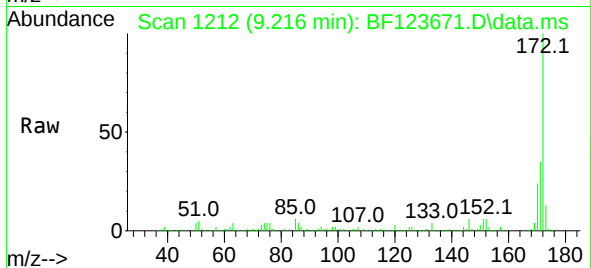




#45  
2-Fluorobiphenyl  
Concen: 35.12 ng  
RT: 9.216 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

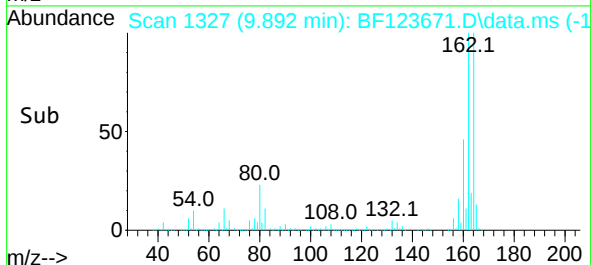
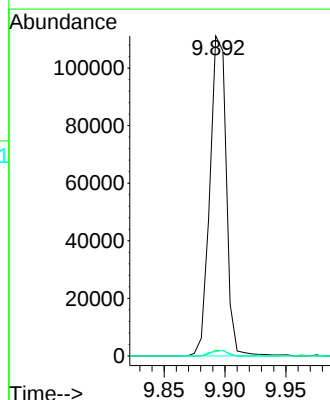
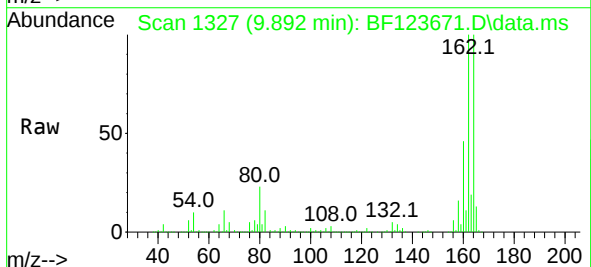
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ClientSampleId :  
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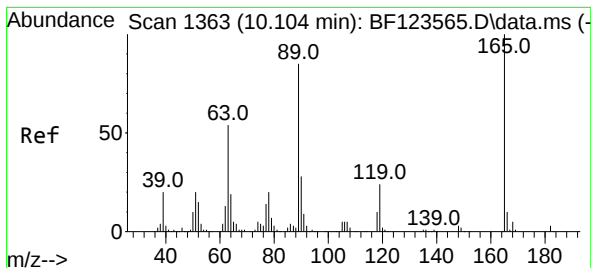
Tgt Ion:172 Resp: 1918342  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.1 42.1  
170 24.0 19.2 28.8



#51  
2,6-Dinitrotoluene  
Concen: 8.42 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. 0.212 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

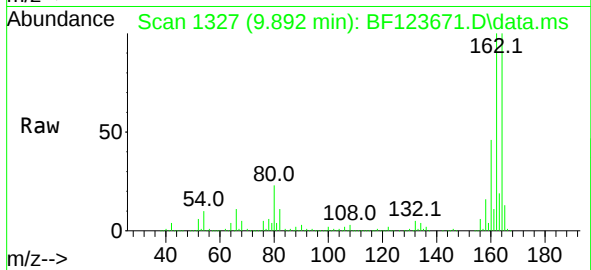
Tgt Ion:165 Resp: 103971  
Ion Ratio Lower Upper  
165 100  
63 1.8 67.7 101.5#  
89 1.3 58.8 88.2#



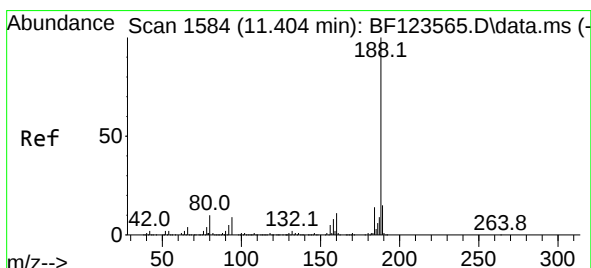
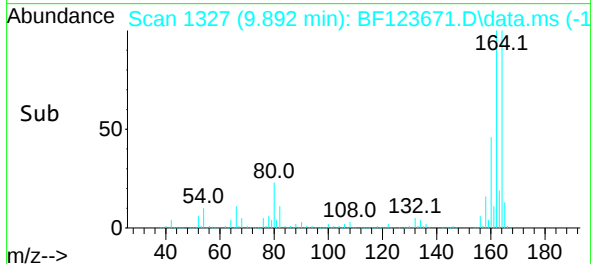
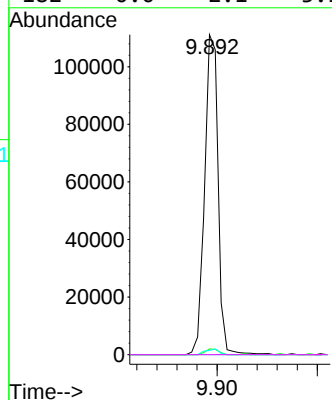


#57  
2,4-Dinitrotoluene  
Concen: 6.31 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.188 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

Instrument :  
BNA\_F  
ClientSampleId :  
TP-8-S

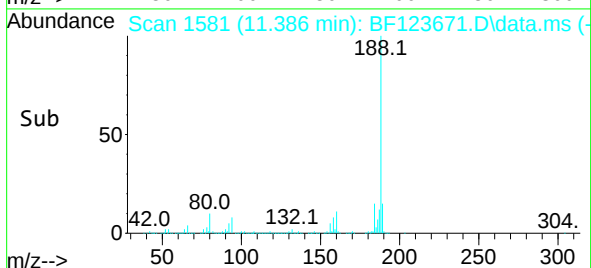
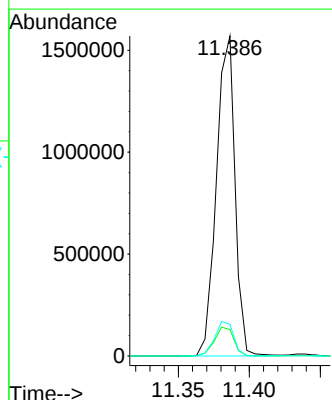
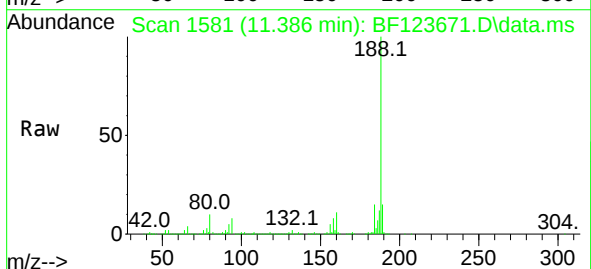


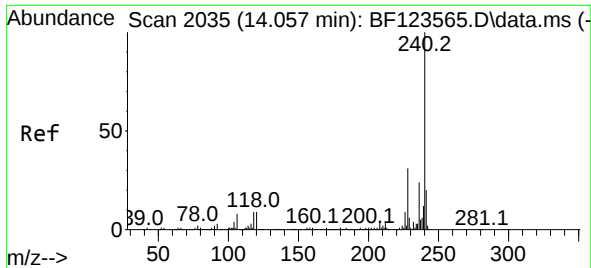
Tgt Ion:165 Resp: 104119  
Ion Ratio Lower Upper  
165 100  
63 1.8 43.5 65.3#  
89 1.3 67.7 101.5#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. 0.000 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

Tgt Ion:188 Resp: 1428602  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.9 10.3  
80 9.9 8.2 12.2

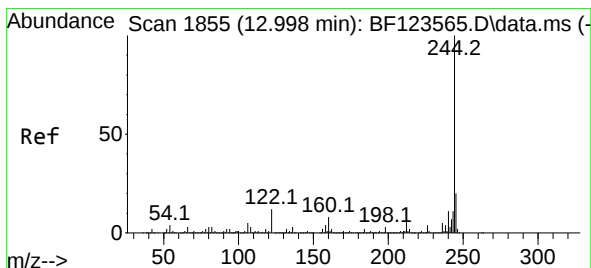
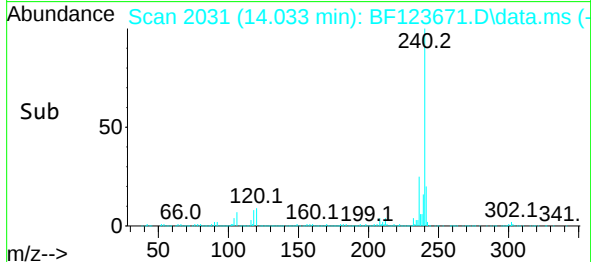
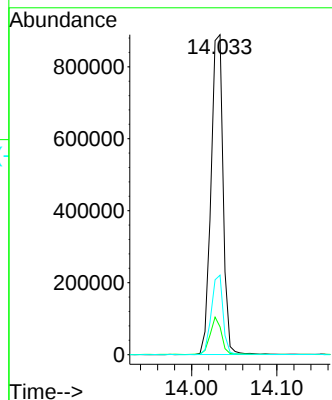
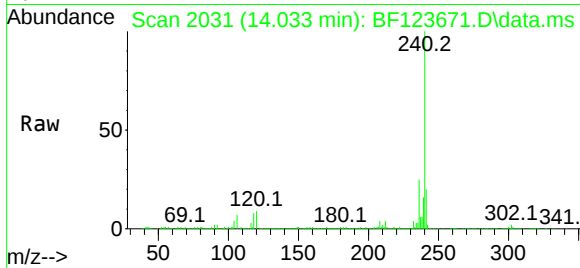




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

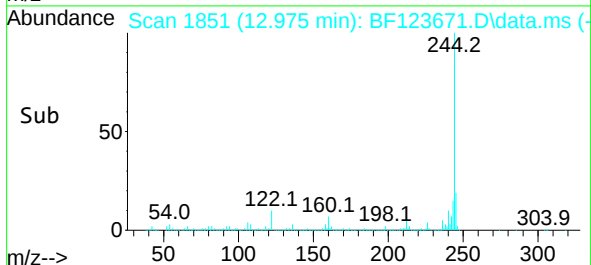
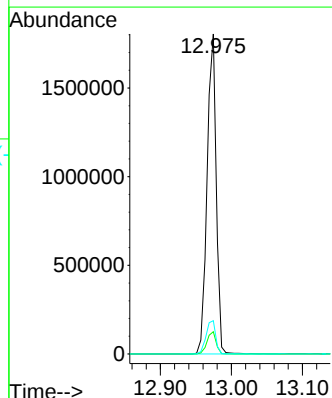
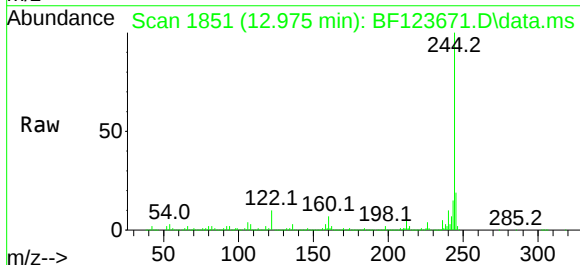
Instrument :  
BNA\_F  
ClientSampleId :  
TP-8-S

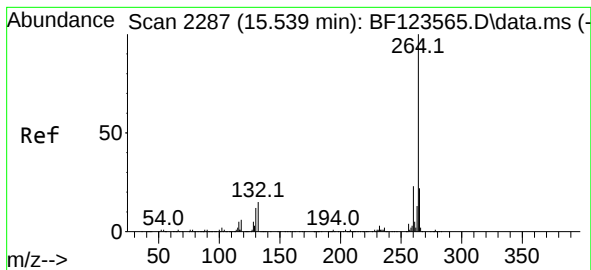
Tgt Ion:240 Resp: 875631  
Ion Ratio Lower Upper  
240 100  
120 8.7 7.2 10.8  
236 24.8 19.0 28.4



#79  
Terphenyl-d14  
Concen: 35.94 ng  
RT: 12.975 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: BF123671.D  
Acq: 21 Apr 2021 17:21

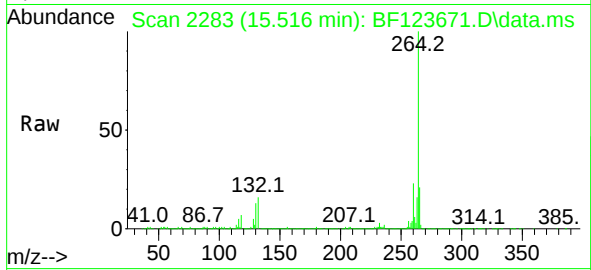
Tgt Ion:244 Resp: 1619004  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.7 8.5  
122 10.4 9.7 14.5





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.516 min Scan# 2283  
 Delta R.T. 0.012 min  
 Lab File: BF123671.D  
 Acq: 21 Apr 2021 17:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TP-8-S



Tgt Ion:264 Resp: 931399  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.7 28.1  
 265 20.6 17.8 26.8

