

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF073121\  
 Data File : BF124890.D  
 Acq On : 31 Jul 2021 13:47  
 Operator : JU/CG  
 Sample : M3223-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BACKFILL-ASHCROFT-REAR-09

Quant Time: Aug 02 02:33:51 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 02 02:31:45 2021  
 Response via : Initial Calibration

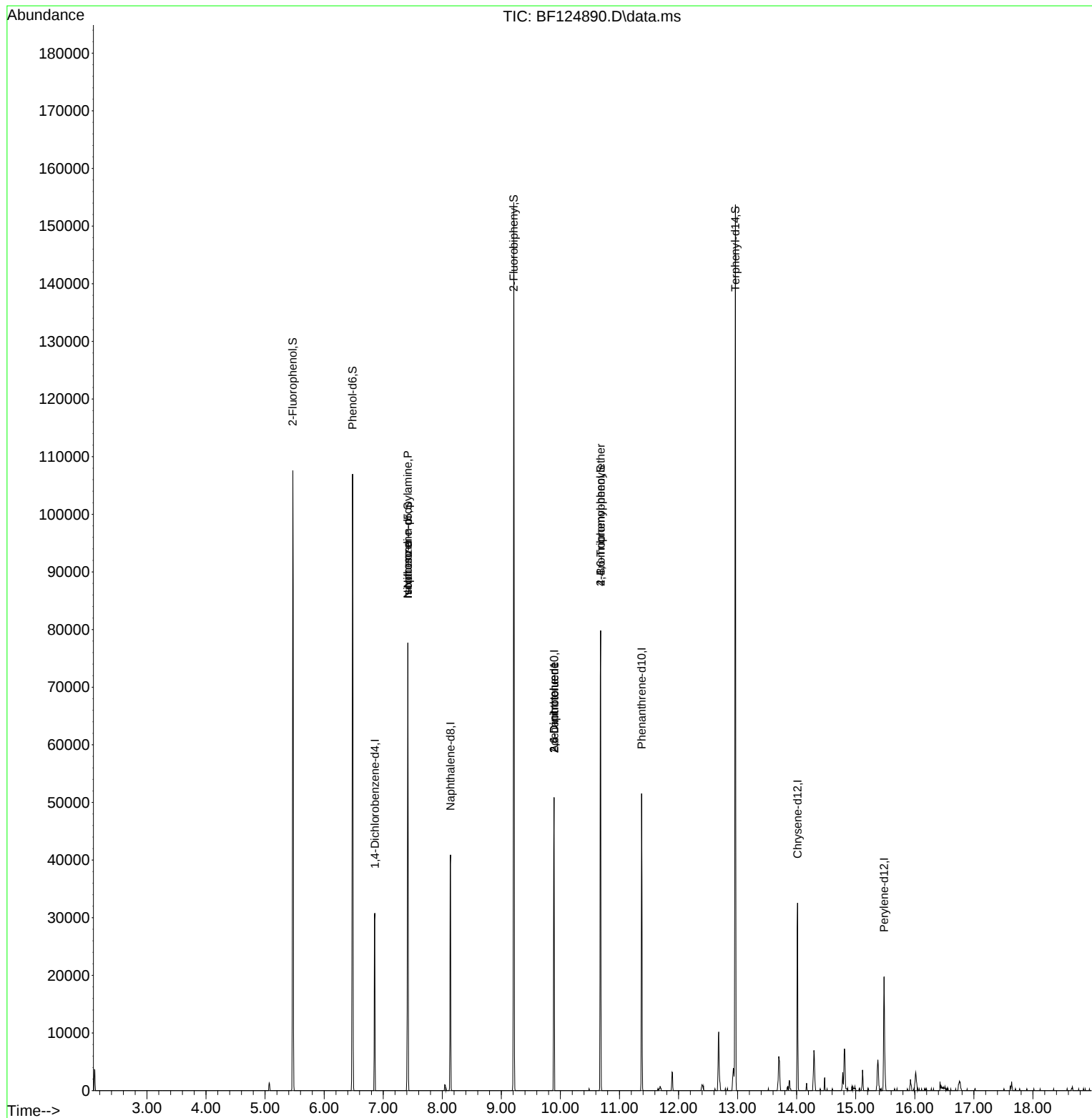
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 4858     | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 18610    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.892  | 164  | 10390    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 19435    | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.016 | 240  | 12307    | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.480 | 264  | 9953     | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 27383    | 95.438 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.481  | 99   | 33841    | 94.082 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 21747    | 69.550 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 8363     | 93.747 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.210  | 172  | 43755    | 61.853 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 49893    | 69.492 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.416  | 70   | 3042     | 15.838 | ng    | # 64     |
| 25) Isophorone                | 7.416  | 82   | 21453    | 38.802 | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.892  | 165  | 1525     | 9.649  | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.892  | 165  | 1525     | 7.110  | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.680 | 248  | 506      | 2.455  | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

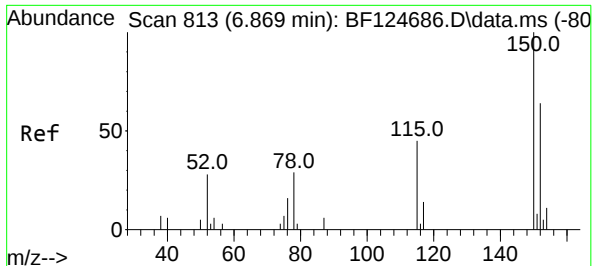
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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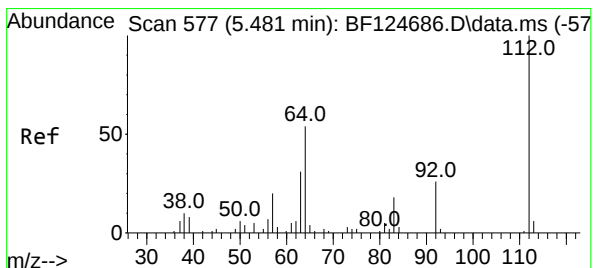
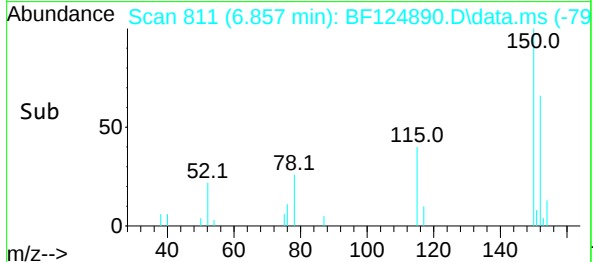
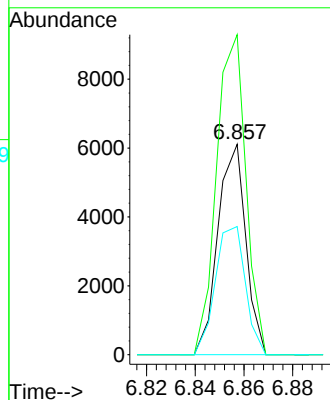
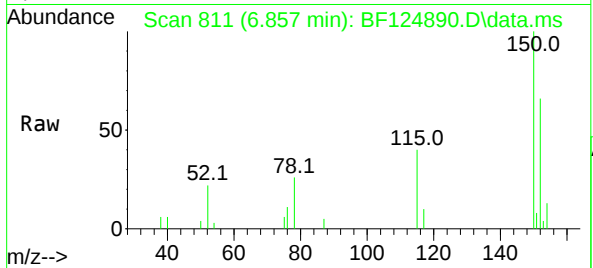




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

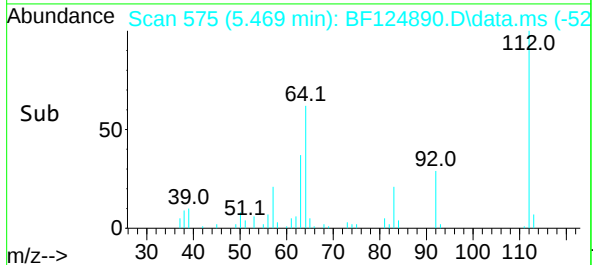
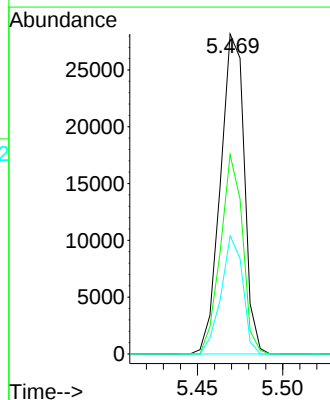
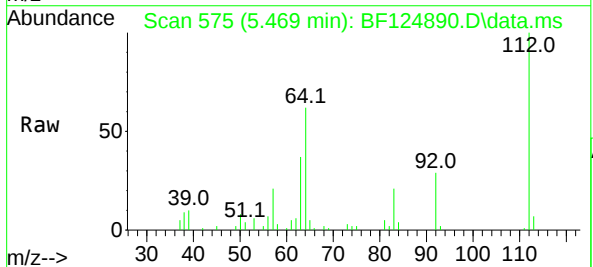
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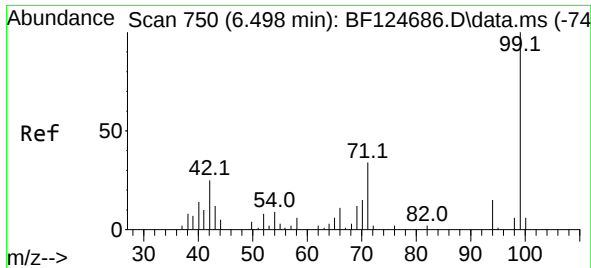
Tgt Ion:152 Resp: 4858  
Ion Ratio Lower Upper  
152 100  
150 152.0 117.6 176.4  
115 60.9 47.1 70.7



#5  
2-Fluorophenol  
Concen: 95.438 ng  
RT: 5.469 min Scan# 575  
Delta R.T. -0.006 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

Tgt Ion:112 Resp: 27383  
Ion Ratio Lower Upper  
112 100  
64 62.3 44.2 66.2  
63 36.9 26.2 39.2

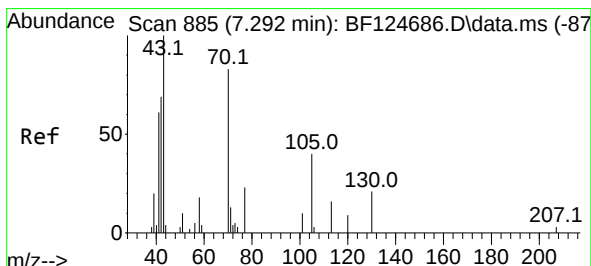
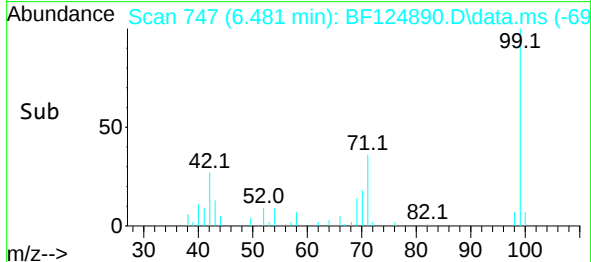
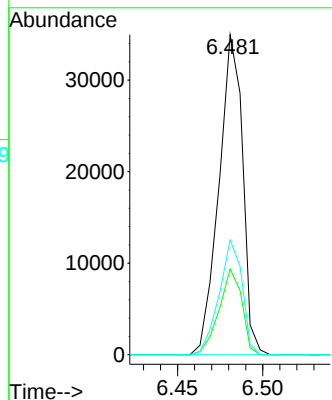
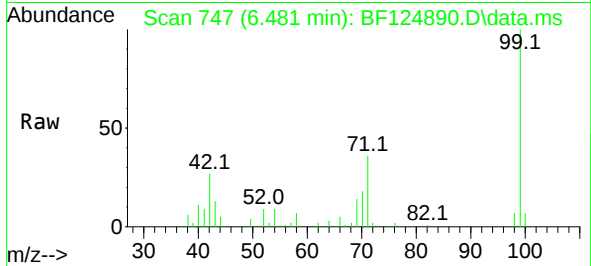




#7  
Phenol-d6  
Concen: 94.082 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.012 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

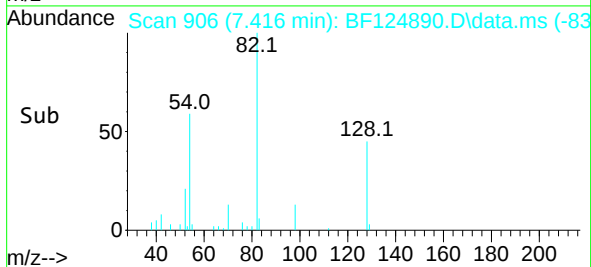
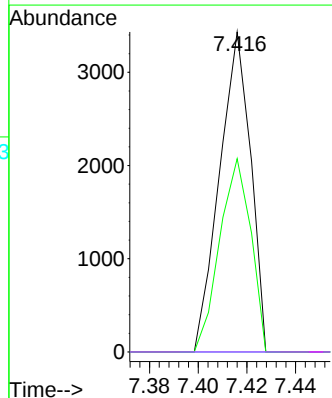
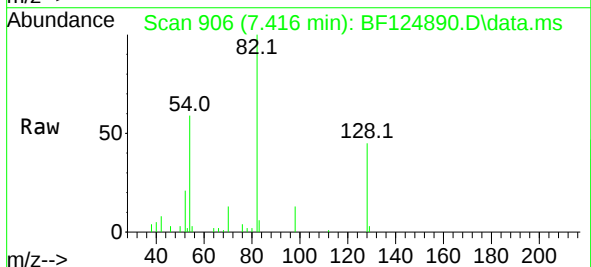
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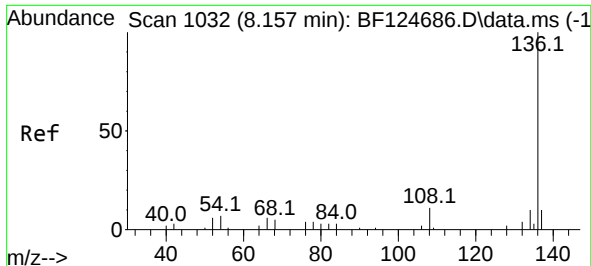
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 33841 |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 26.8  | 23.5  | 35.3  |
| 71       | 35.9  | 25.6  | 38.4  |



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.838 ng  
RT: 7.416 min Scan# 906  
Delta R.T. 0.141 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

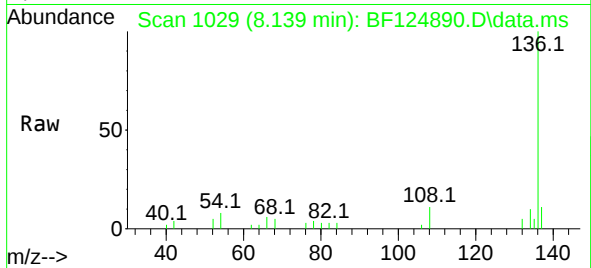
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 3042   |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 60.4  | 72.2  | 108.2# |
| 101      | 0.0   | 7.8   | 11.8#  |
| 130      | 0.0   | 21.8  | 32.6#  |



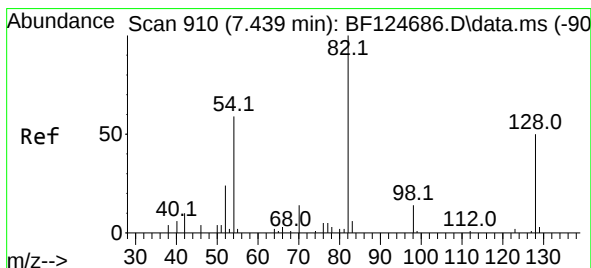
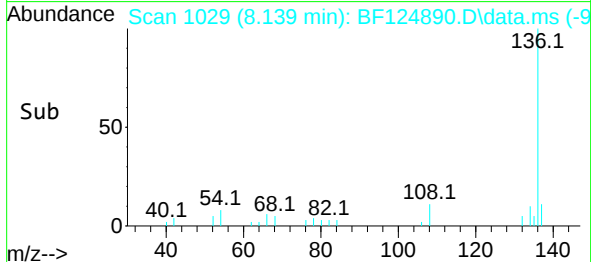
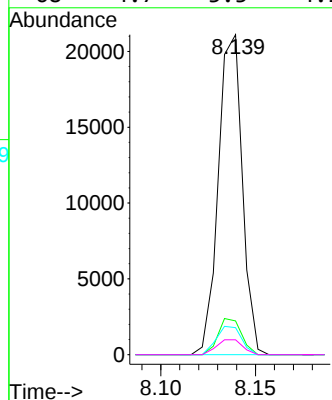


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

Instrument :  
BNA\_F  
ClientSampleId :  
BACKFILL-ASHCROFT-REAR-09

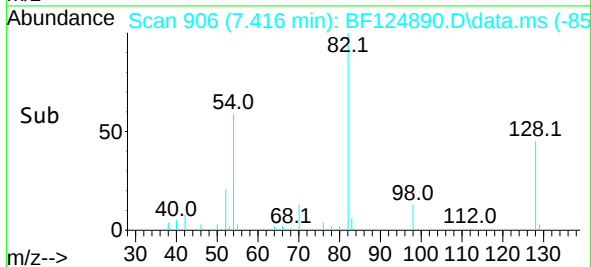
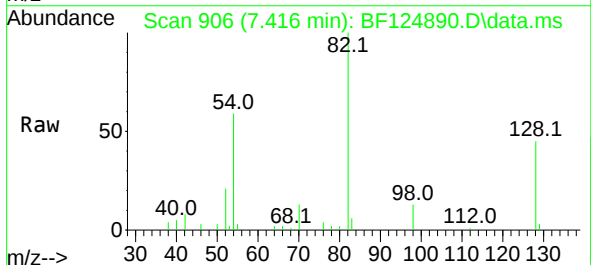
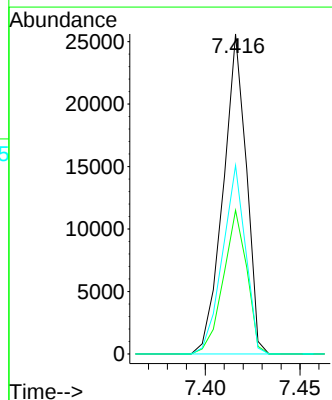


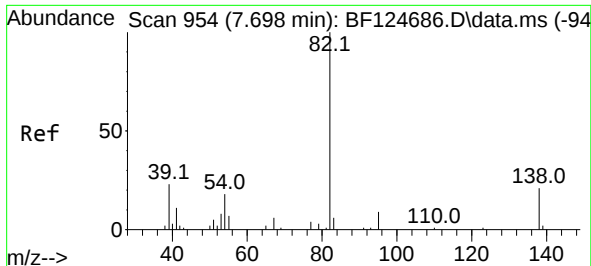
Tgt Ion:136 Resp: 18610  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.8 14.6  
54 8.5 6.4 9.6  
68 4.7 3.3 4.9



#23  
Nitrobenzene-d5  
Concen: 69.550 ng  
RT: 7.416 min Scan# 906  
Delta R.T. -0.012 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

Tgt Ion: 82 Resp: 21747  
Ion Ratio Lower Upper  
82 100  
128 44.9 40.6 60.8  
54 58.9 49.6 74.4

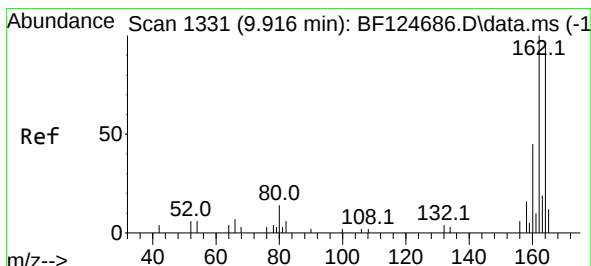
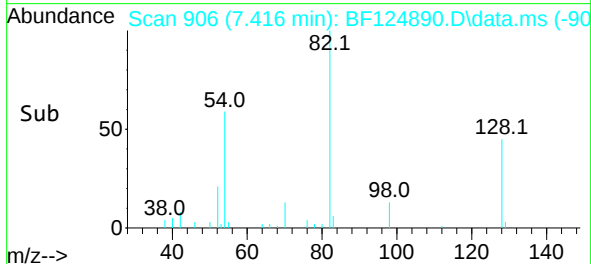
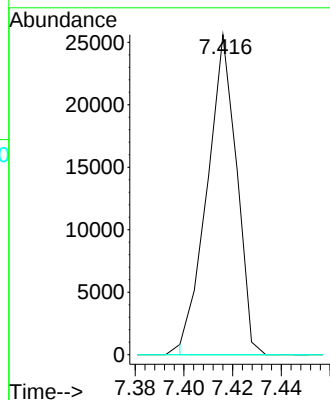
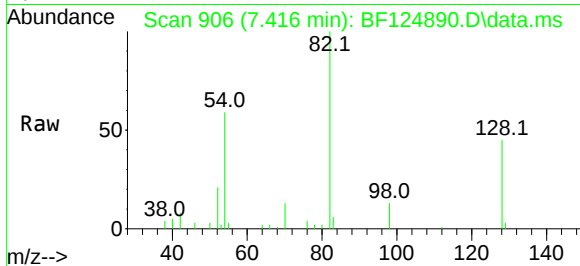




#25  
Isophorone  
Concen: 38.802 ng  
RT: 7.416 min Scan# 906  
Delta R.T. -0.271 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

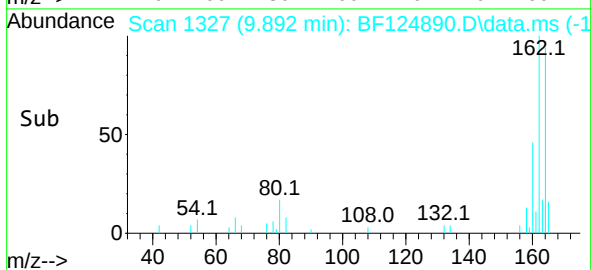
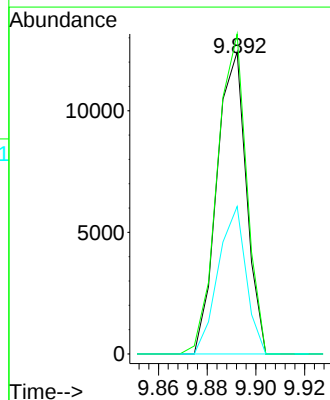
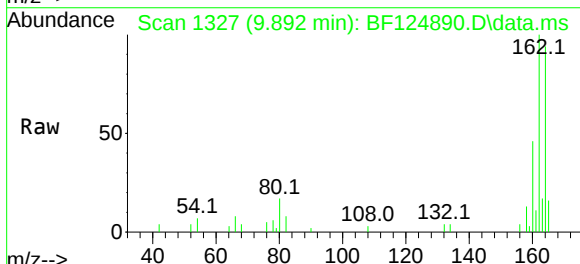
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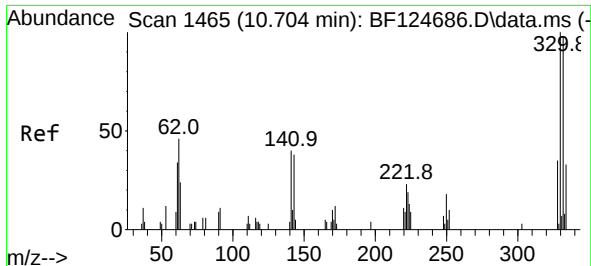
Tgt Ion: 82 Resp: 21453  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

Tgt Ion: 164 Resp: 10390  
Ion Ratio Lower Upper  
164 100  
162 105.9 81.3 121.9  
160 48.8 38.0 57.0

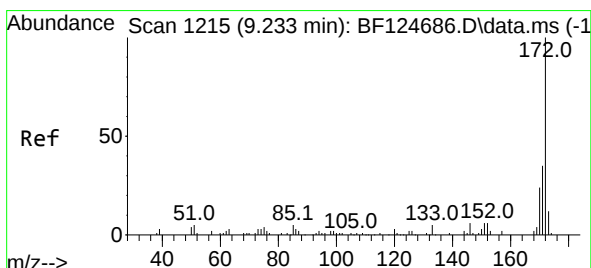
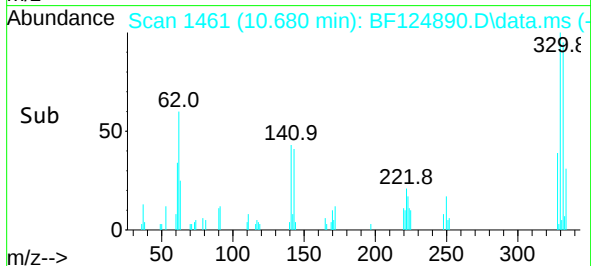
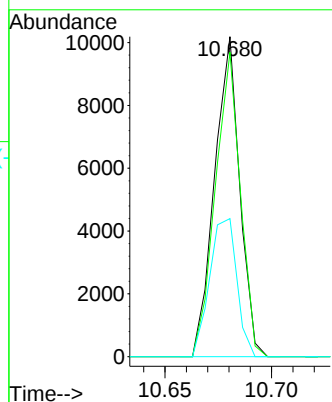
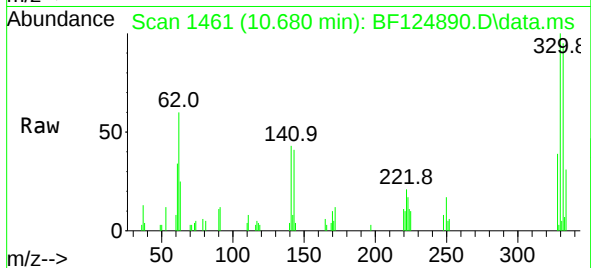




#42  
2,4,6-Tribromophenol  
Concen: 93.747 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

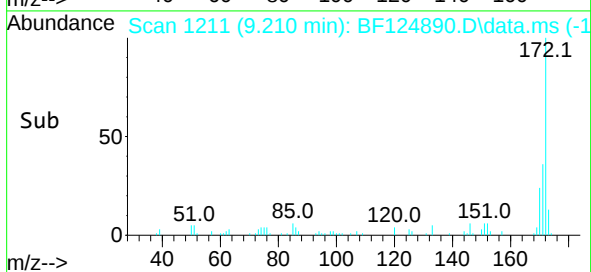
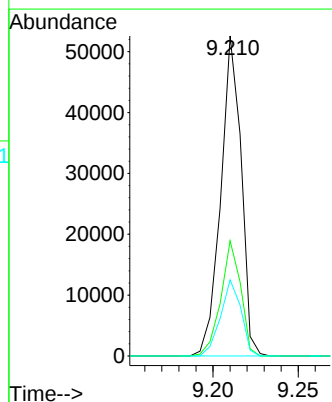
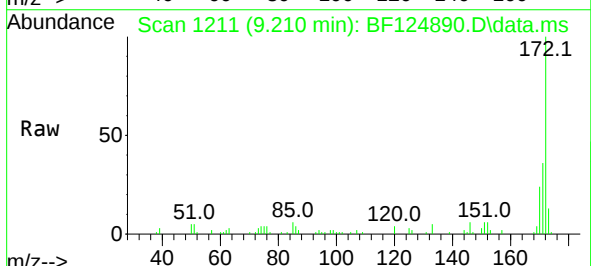
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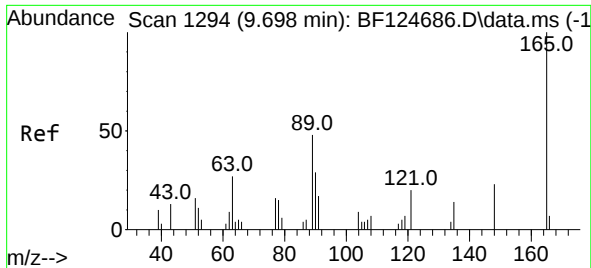
Tgt Ion: 330 Resp: 8363  
Ion Ratio Lower Upper  
330 100  
332 94.4 76.2 114.4  
141 46.7 44.6 66.8



#45  
2-Fluorobiphenyl  
Concen: 61.853 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. -0.006 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

Tgt Ion: 172 Resp: 43755  
Ion Ratio Lower Upper  
172 100  
171 36.0 26.5 39.7  
170 23.8 18.8 28.2

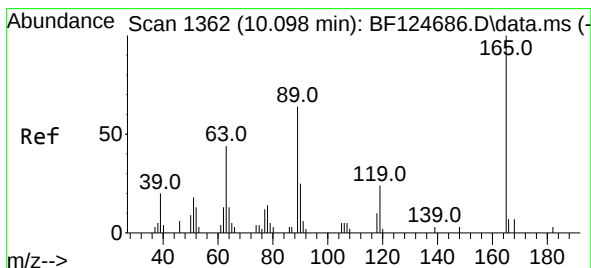
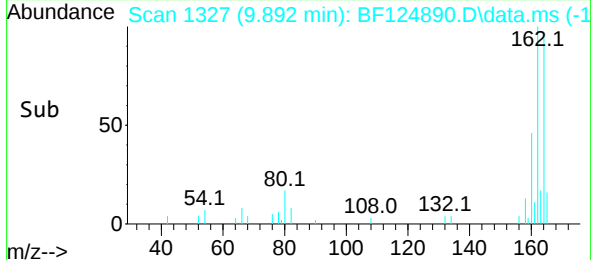
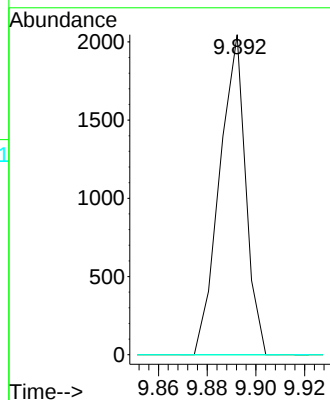
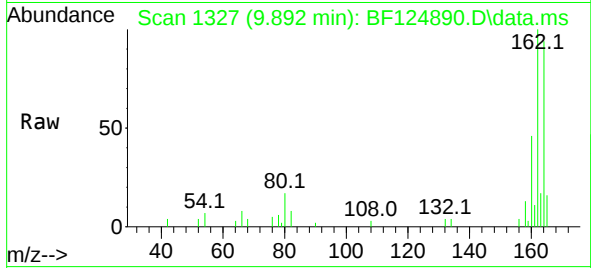




#51  
2,6-Dinitrotoluene  
Concen: 9.649 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. 0.212 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

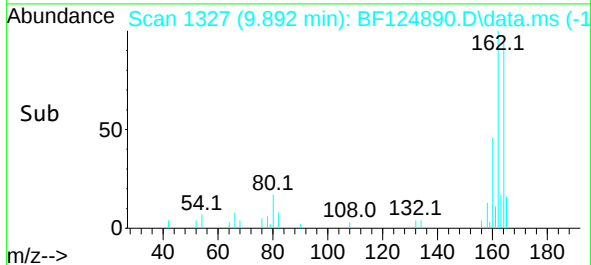
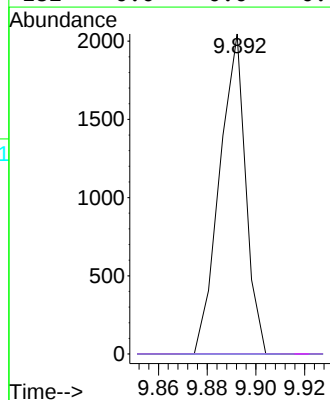
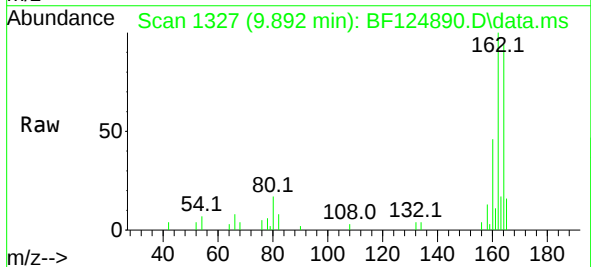
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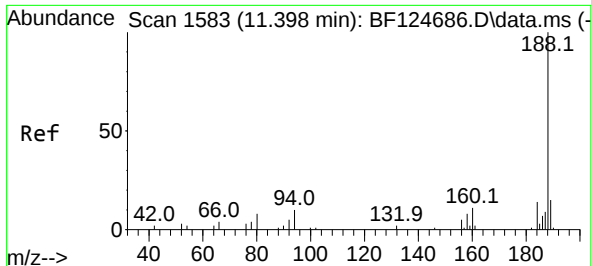
Tgt Ion:165 Resp: 1525  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.6 63.8#  
89 0.0 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 7.110 ng  
RT: 9.892 min Scan# 1327  
Delta R.T. -0.194 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

Tgt Ion:165 Resp: 1525  
Ion Ratio Lower Upper  
165 100  
63 0.0 40.9 61.3#  
89 0.0 59.7 89.5#  
182 0.0 0.0 0.0

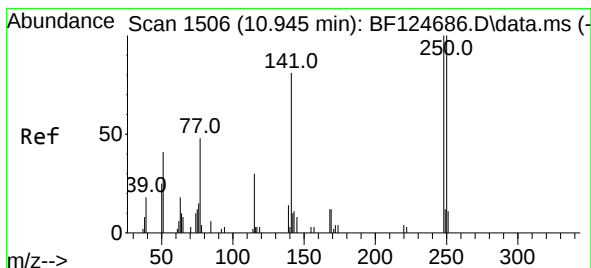
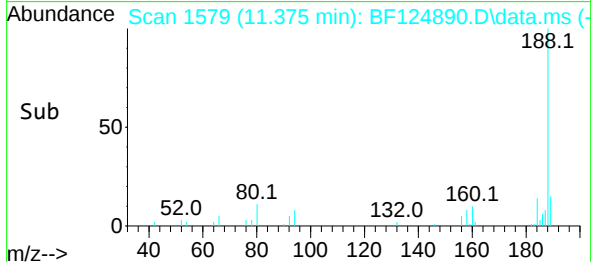
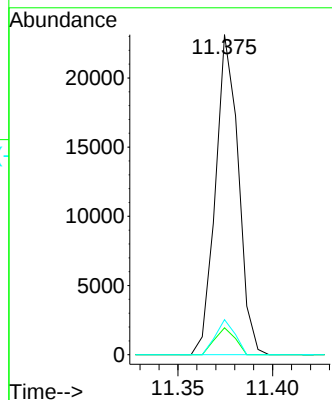
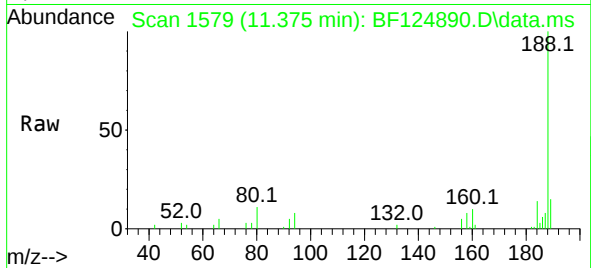




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 1579  
Delta R.T. -0.006 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

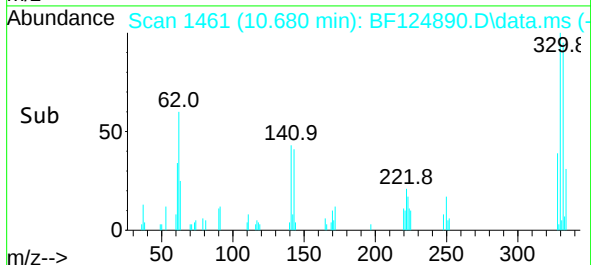
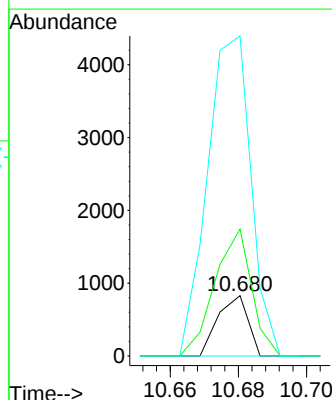
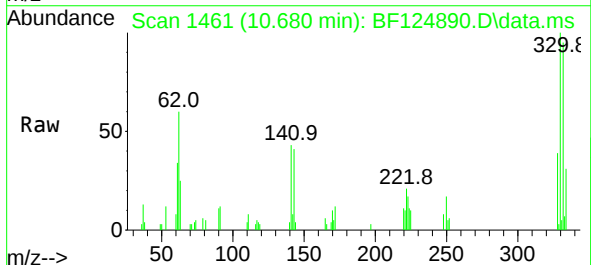
Instrument :  
BNA\_F  
ClientSampleId :  
BACKFILL-ASHCROFT-REAR-09

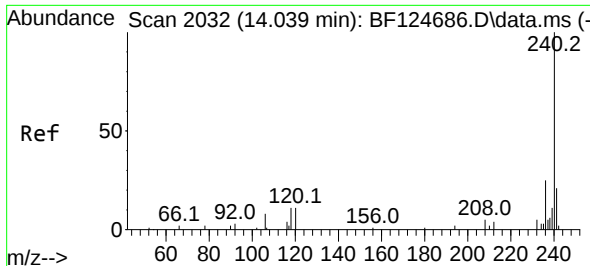
Tgt Ion:188 Resp: 19435  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.7 10.1  
80 10.9 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 2.455 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. -0.247 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

Tgt Ion:248 Resp: 506  
Ion Ratio Lower Upper  
248 100  
250 210.1 74.2 111.4#  
141 530.3 60.4 90.6#

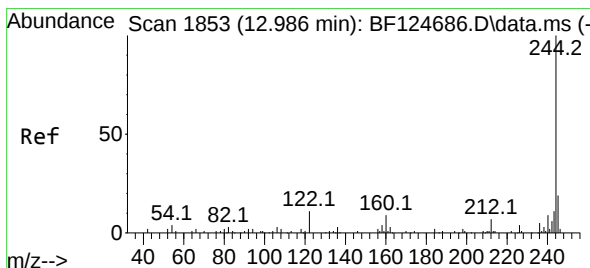
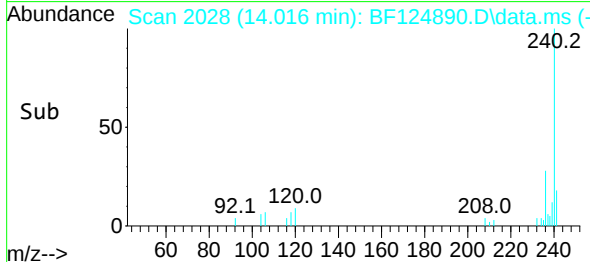
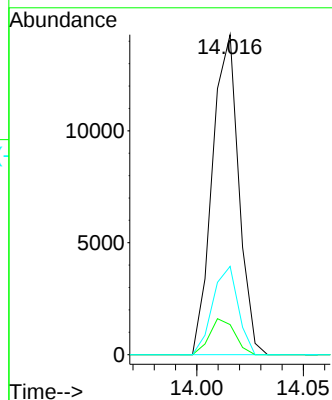
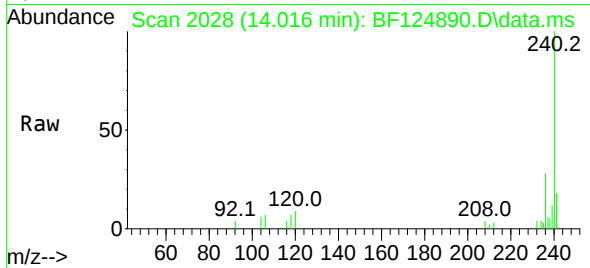




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

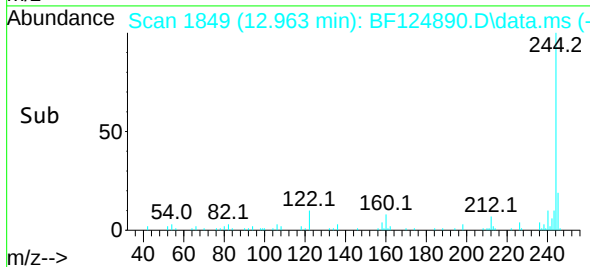
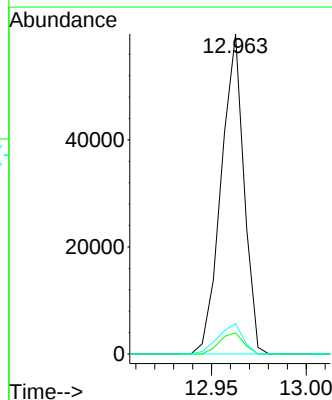
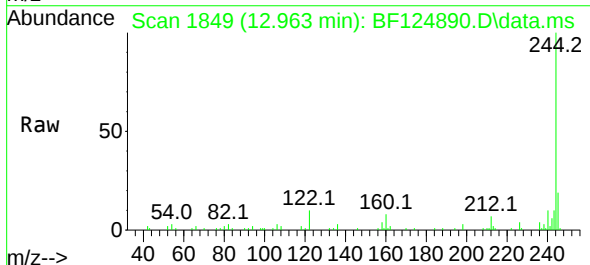
Instrument :  
BNA\_F  
ClientSampleId :  
BACKFILL-ASHCROFT-REAR-09

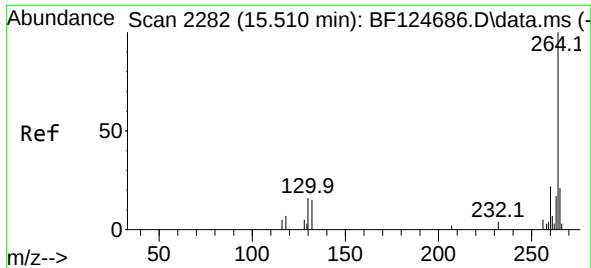
Tgt Ion:240 Resp: 12307  
Ion Ratio Lower Upper  
240 100  
120 9.4 10.8 16.2#  
236 27.6 21.6 32.4



#79  
Terphenyl-d14  
Concen: 69.492 ng  
RT: 12.963 min Scan# 1849  
Delta R.T. 0.000 min  
Lab File: BF124890.D  
Acq: 31 Jul 2021 13:47

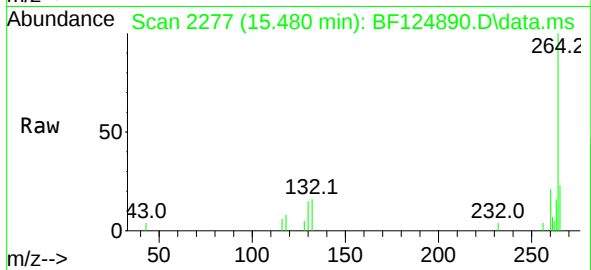
Tgt Ion:244 Resp: 49893  
Ion Ratio Lower Upper  
244 100  
212 6.6 5.9 8.9  
122 9.5 9.0 13.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.480 min Scan# 2277  
 Delta R.T. -0.006 min  
 Lab File: BF124890.D  
 Acq: 31 Jul 2021 13:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BACKFILL-ASHCROFT-REAR-09



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 264   | Resp: | 9953 |
| Ion Ratio | Lower | Upper |      |
| 264       | 100   |       |      |
| 260       | 21.3  | 19.6  | 29.4 |
| 265       | 22.8  | 17.2  | 25.8 |

