

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF020821\  
 Data File : BF123143.D  
 Acq On : 8 Feb 2021 11:14  
 Operator : JU/CG  
 Sample : PB134387BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB134387BL

Quant Time: Feb 08 12:07:44 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF012721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 29 12:29:00 2021  
 Response via : Initial Calibration

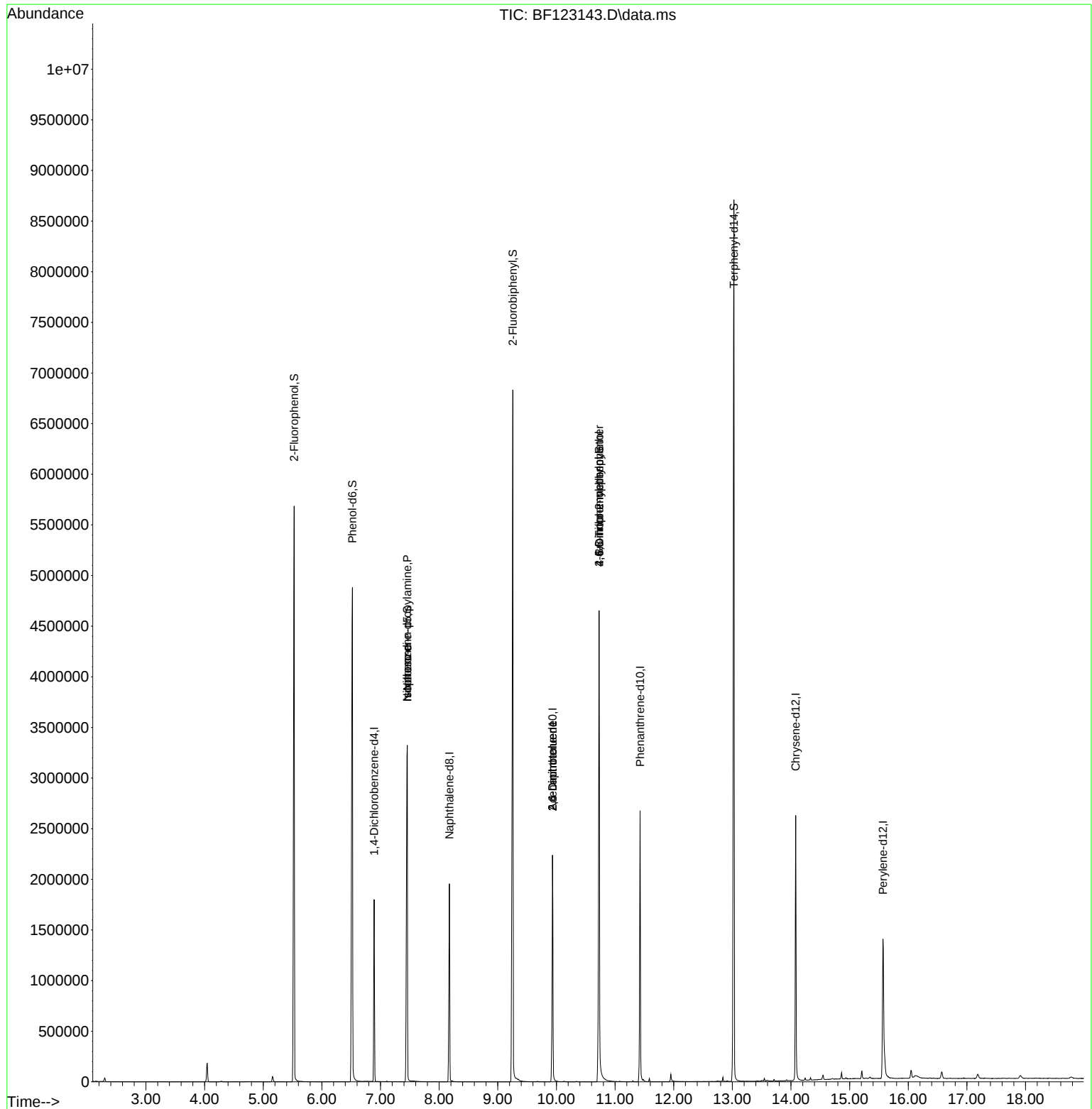
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.892  | 152  | 256472   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.175  | 136  | 985742   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.933  | 164  | 534247   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.427 | 188  | 1009554  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.080 | 240  | 929965   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.568 | 264  | 821850   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 1764774  | 106.14 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.522  | 99   | 2226878  | 98.81  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.457  | 82   | 1460176  | 74.55  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.728 | 330  | 739128   | 127.45 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.257  | 172  | 2686238  | 74.74  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.027 | 244  | 3181658  | 67.22  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.457  | 70   | 201014   | 14.83  | ng    | # 77     |
| 25) Isophorone                | 7.457  | 82   | 1444534  | 40.26  | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.933  | 165  | 68474    | 7.67   | ng    | # 31     |
| 57) 2,4-Dinitrotoluene        | 9.933  | 165  | 68476    | 5.90   | ng    | # 25     |
| 65) 4,6-Dinitro-2-methylph... | 10.728 | 198  | 1525     | 5.22   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.728 | 248  | 48304    | 3.76   | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

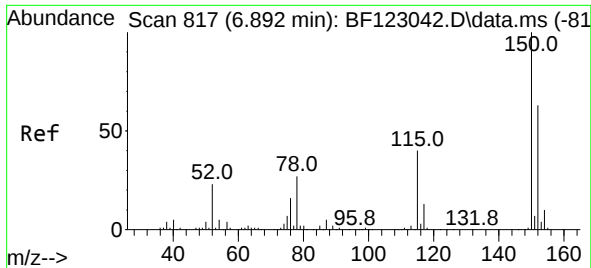
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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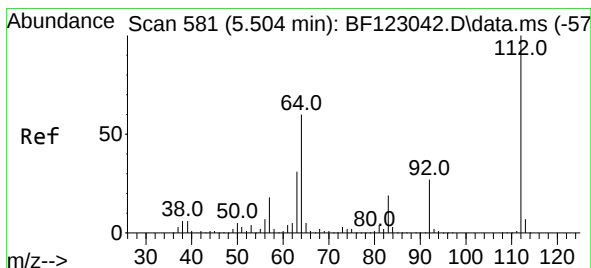
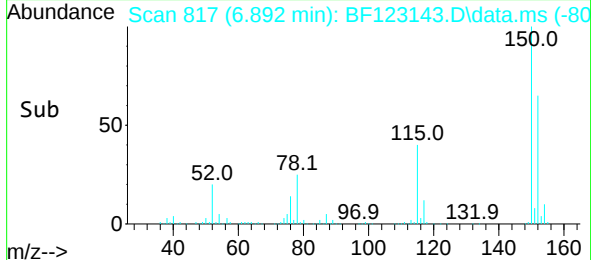
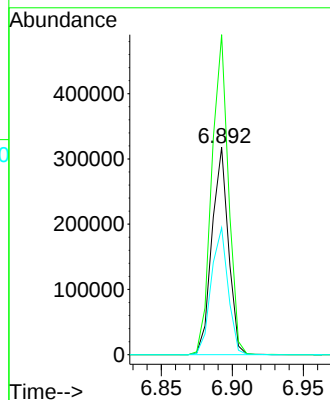
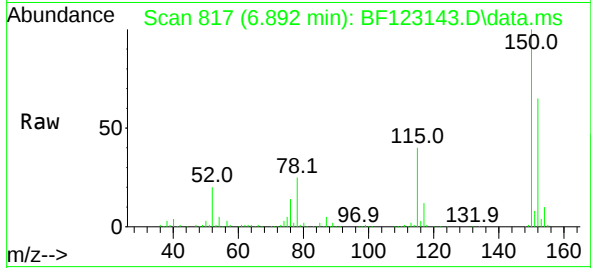




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.892 min Scan# 817  
 Delta R.T. 0.000 min  
 Lab File: BF123143.D  
 Acq: 8 Feb 2021 11:14

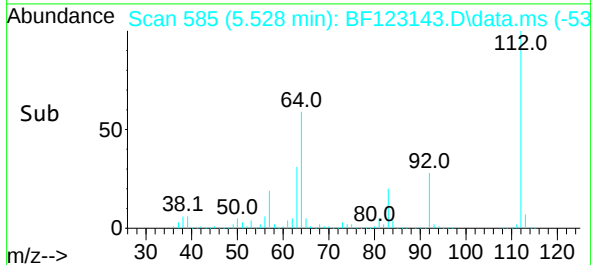
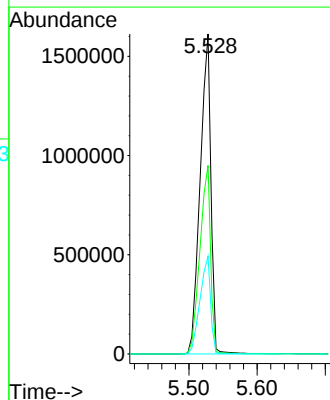
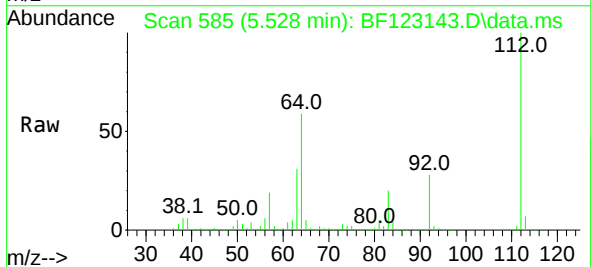
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 ClientSampleId :  
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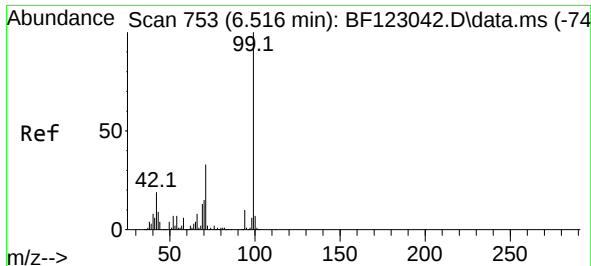
Tgt Ion:152 Resp: 256472  
 Ion Ratio Lower Upper  
 152 100  
 150 154.4 125.8 188.6  
 115 61.2 49.3 73.9



#5  
 2-Fluorophenol  
 Concen: 106.14 ng  
 RT: 5.528 min Scan# 585  
 Delta R.T. 0.024 min  
 Lab File: BF123143.D  
 Acq: 8 Feb 2021 11:14

Tgt Ion:112 Resp: 1764774  
 Ion Ratio Lower Upper  
 112 100  
 64 58.9 46.9 70.3  
 63 30.6 24.5 36.7

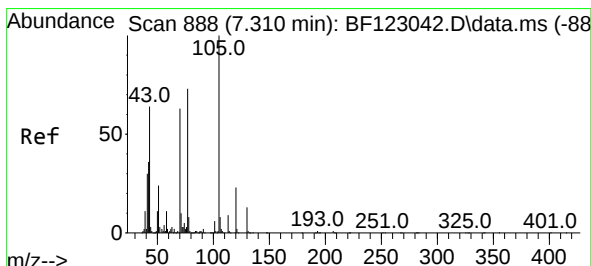
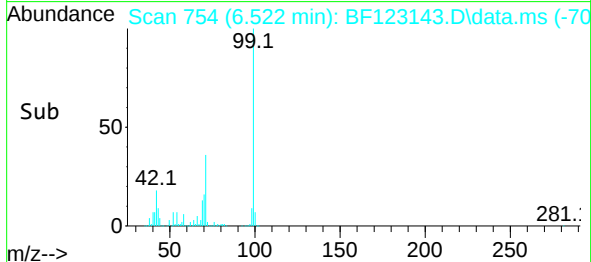
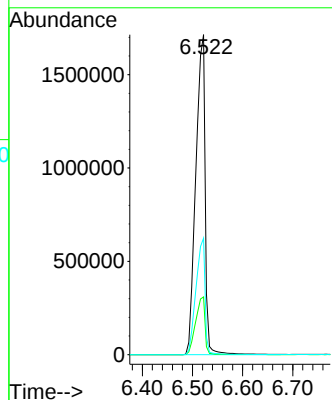
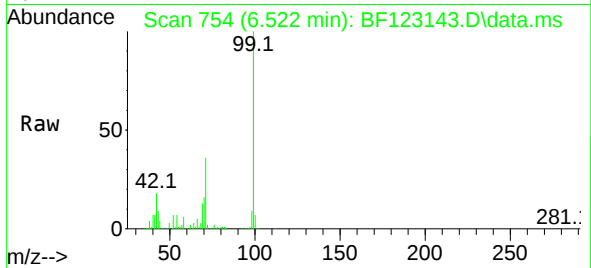




#7  
Phenol-d6  
Concen: 98.81 ng  
RT: 6.522 min Scan# 754  
Delta R.T. 0.006 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

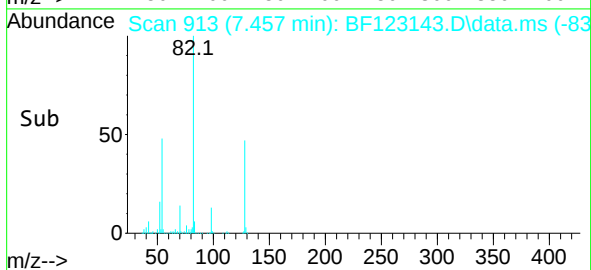
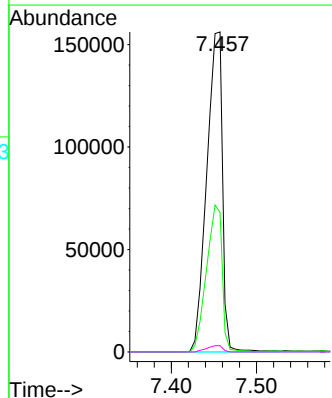
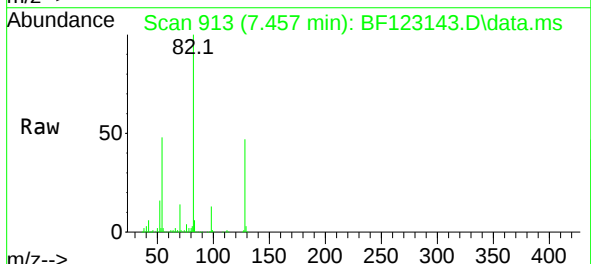
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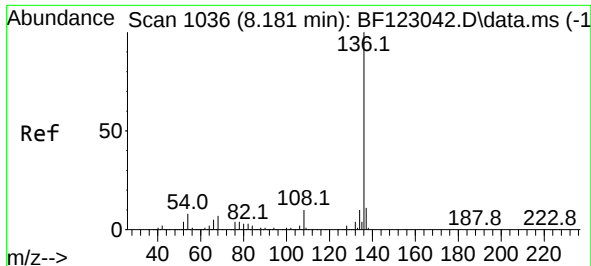
Tgt Ion: 99 Resp: 2226878  
Ion Ratio Lower Upper  
99 100  
42 18.1 13.8 20.6  
71 36.4 26.9 40.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.83 ng  
RT: 7.457 min Scan# 913  
Delta R.T. 0.147 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

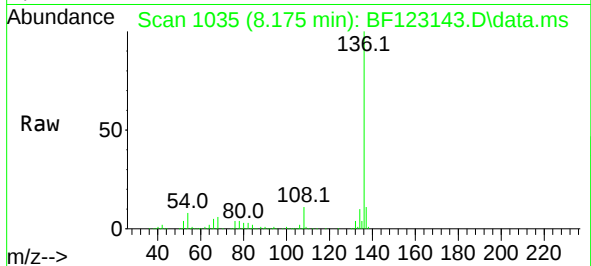
Tgt Ion: 70 Resp: 201014  
Ion Ratio Lower Upper  
70 100  
42 43.6 43.0 64.4  
101 0.0 7.9 11.9#  
130 2.0 18.5 27.7#



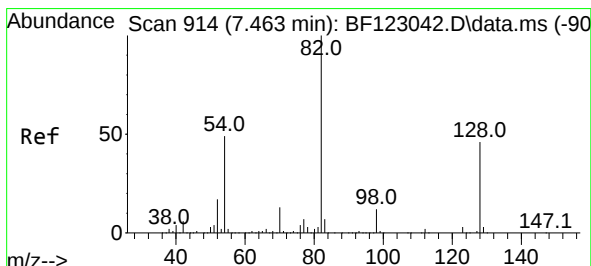
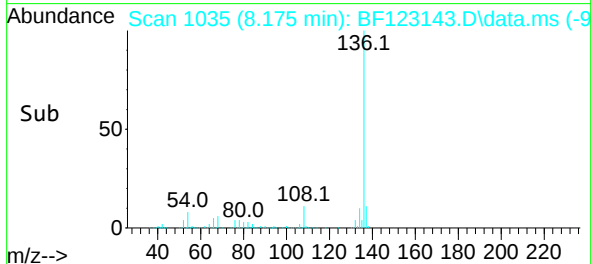
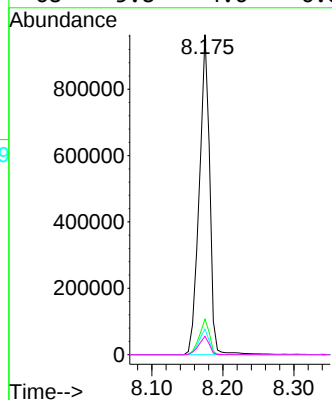


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB134387BL

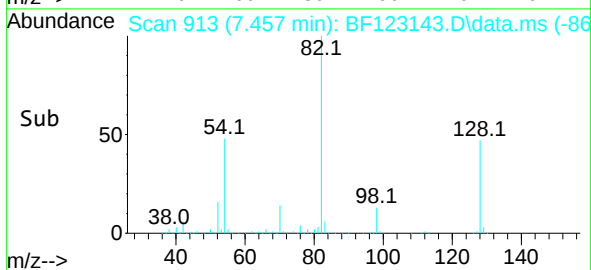
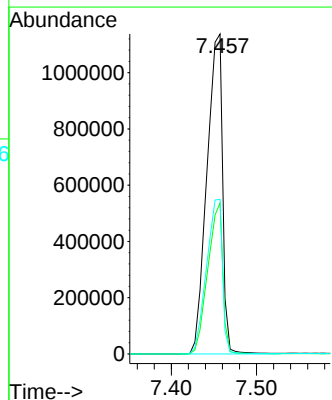
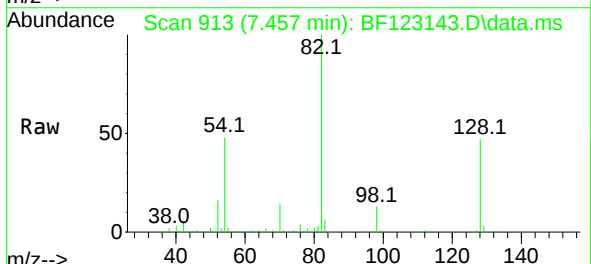


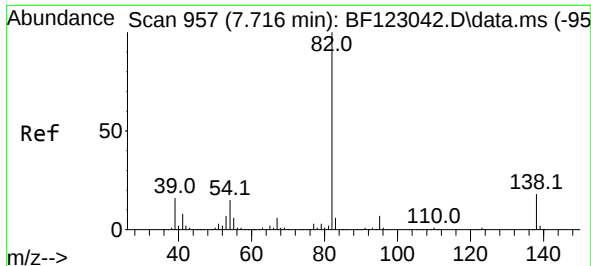
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 985742 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.1  | 8.8   | 13.2   |
| 54       | 7.9   | 5.5   | 8.3    |
| 68       | 5.8   | 4.6   | 6.8    |



#23  
Nitrobenzene-d5  
Concen: 74.55 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1460176 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 47.2  | 37.0  | 55.4    |
| 54       | 48.3  | 38.4  | 57.6    |

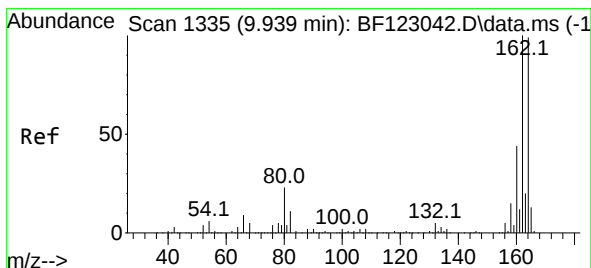
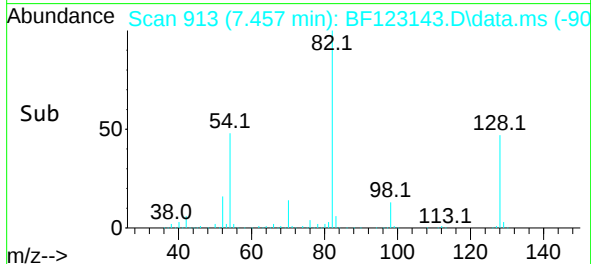
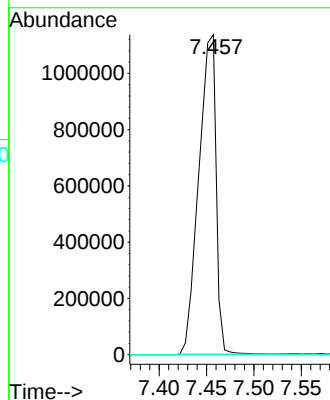
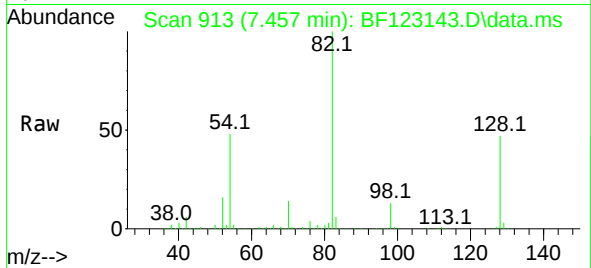




#25  
Isophorone  
Concen: 40.26 ng  
RT: 7.457 min Scan# 913  
Delta R.T. -0.259 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

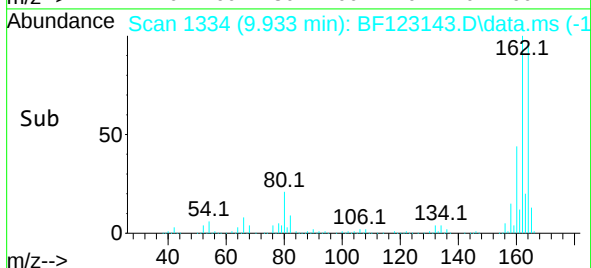
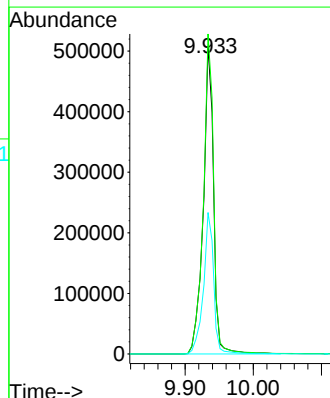
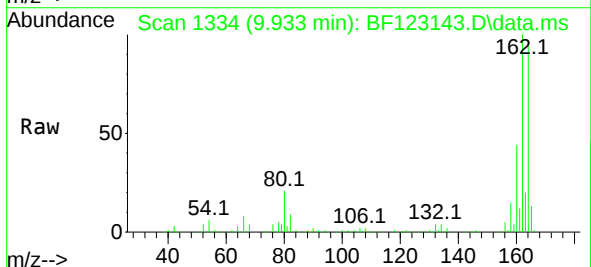
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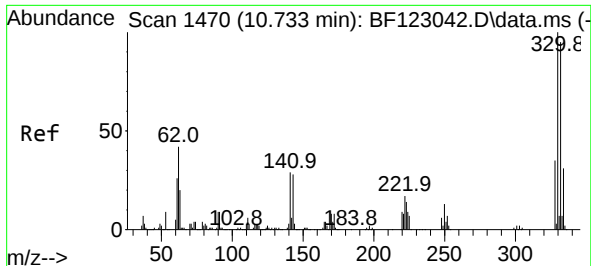
Tgt Ion: 82 Resp: 1444534  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 14.6 21.8#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

Tgt Ion:164 Resp: 534247  
Ion Ratio Lower Upper  
164 100  
162 104.0 80.8 121.2  
160 46.0 35.4 53.0

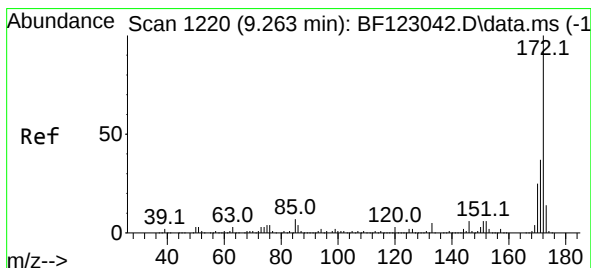
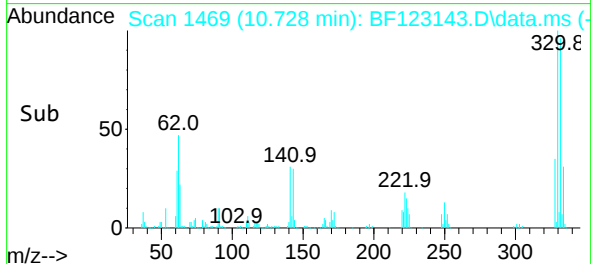
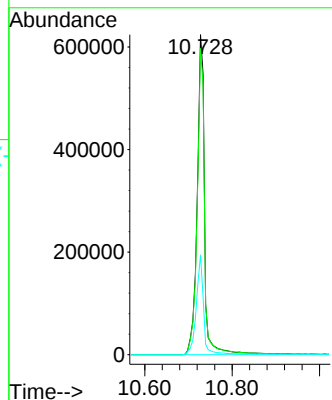
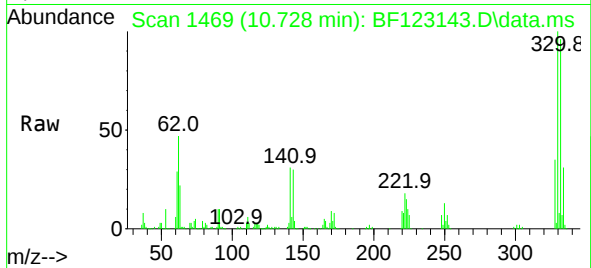




#42  
2,4,6-Tribromophenol  
Concen: 127.45 ng  
RT: 10.728 min Scan# 1469  
Delta R.T. -0.006 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

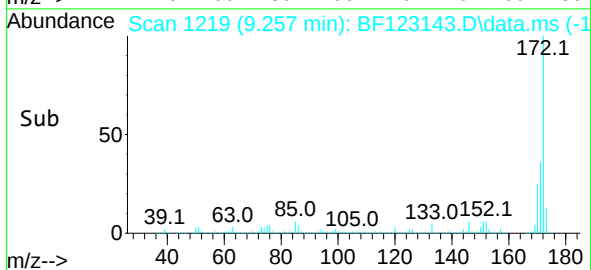
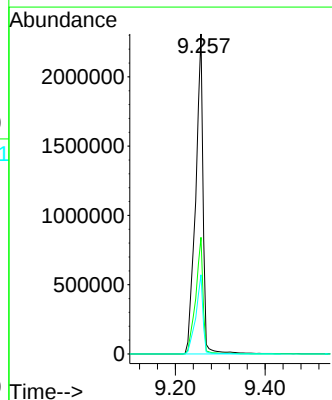
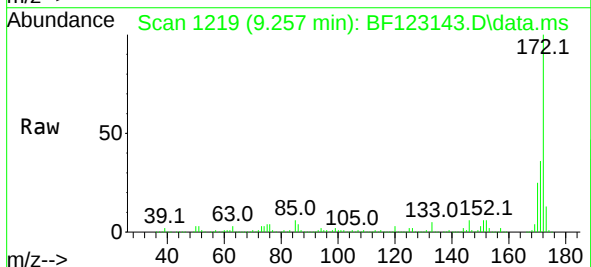
Instrument :  
BNA\_F  
ClientSampleId :  
PB134387BL

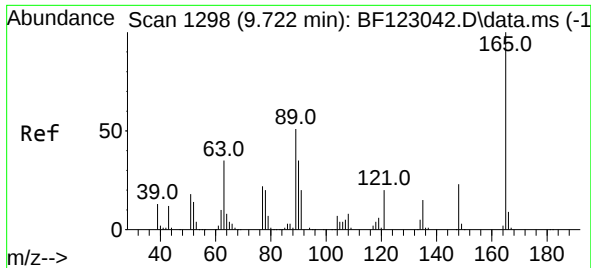
Tgt Ion: 330 Resp: 739128  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.5 116.3  
141 30.7 23.8 35.8



#45  
2-Fluorobiphenyl  
Concen: 74.74 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

Tgt Ion: 172 Resp: 2686238  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.6 44.4  
170 24.7 19.5 29.3

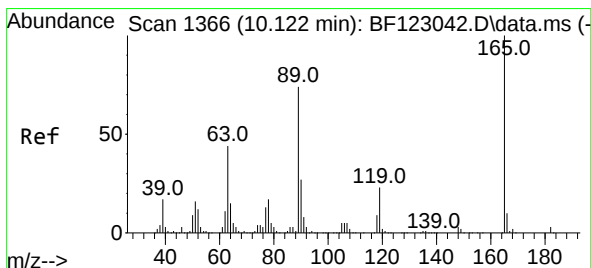
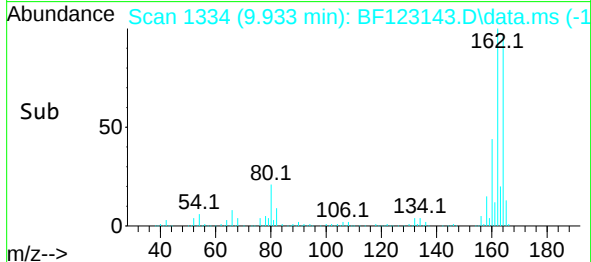
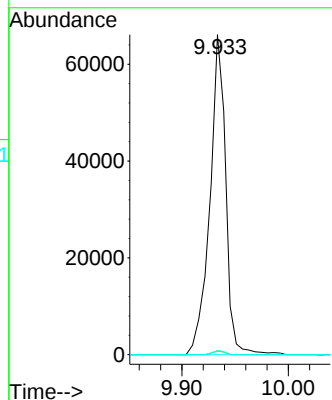
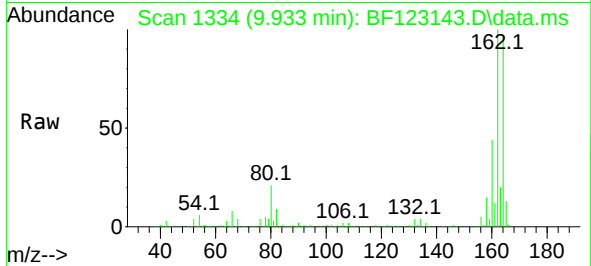




#51  
2,6-Dinitrotoluene  
Concen: 7.67 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. 0.212 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

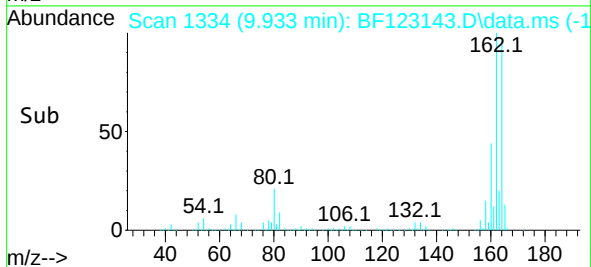
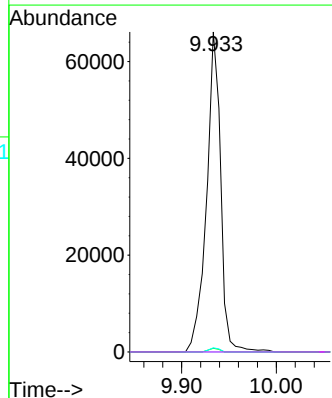
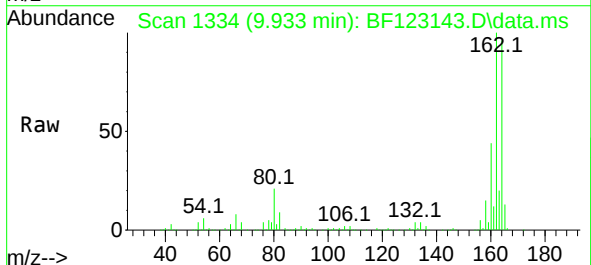
Instrument :  
BNA\_F  
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PB134387BL

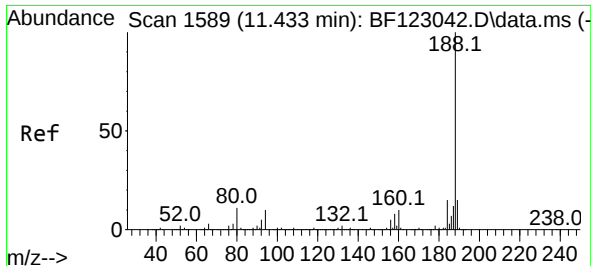
Tgt Ion:165 Resp: 68474  
Ion Ratio Lower Upper  
165 100  
63 1.2 36.6 55.0#  
89 1.3 39.4 59.0#



#57  
2,4-Dinitrotoluene  
Concen: 5.90 ng  
RT: 9.933 min Scan# 1334  
Delta R.T. -0.188 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

Tgt Ion:165 Resp: 68476  
Ion Ratio Lower Upper  
165 100  
63 1.2 34.3 51.5#  
89 1.3 55.2 82.8#  
182 0.0 2.2 3.2#

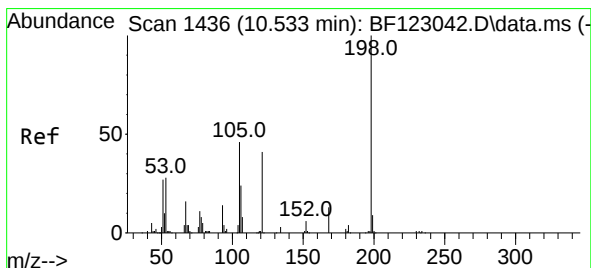
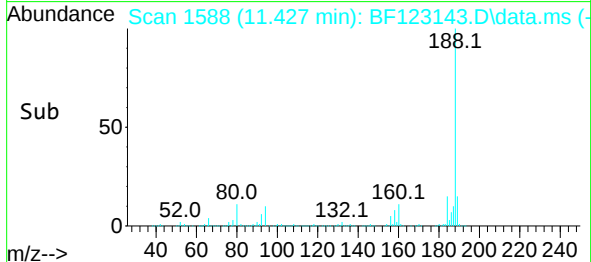
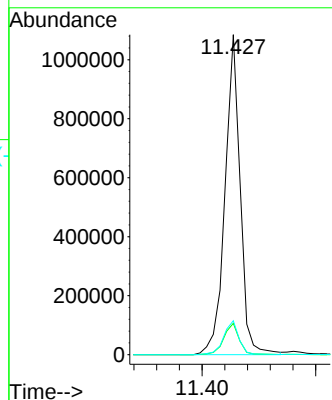
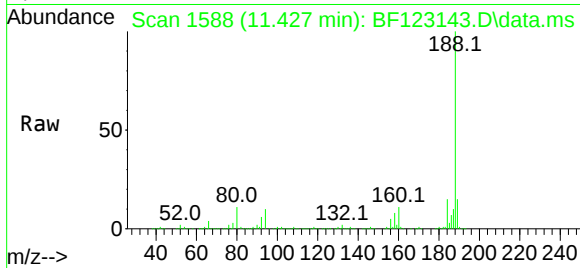




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.427 min Scan# 1588  
Delta R.T. -0.006 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

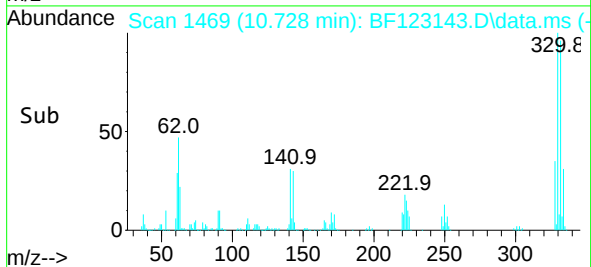
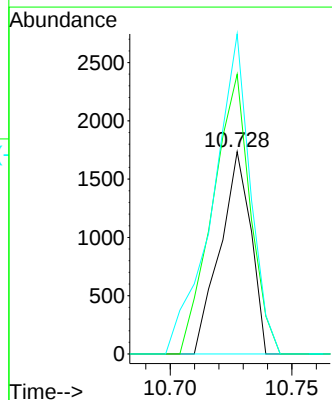
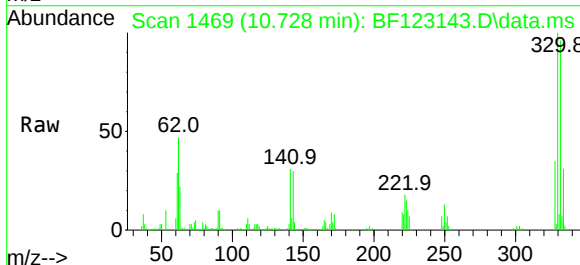
Instrument :  
BNA\_F  
ClientSampleId :  
PB134387BL

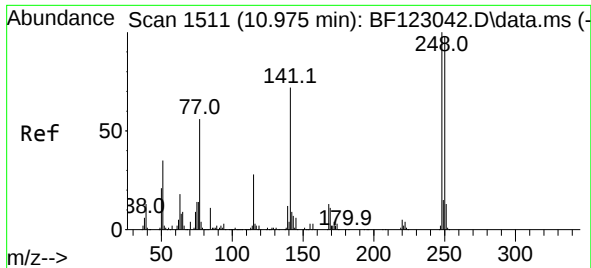
Tgt Ion:188 Resp: 1009554  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.4 11.2  
80 10.6 8.2 12.4



#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.22 ng  
RT: 10.728 min Scan# 1469  
Delta R.T. 0.195 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

Tgt Ion:198 Resp: 1525  
Ion Ratio Lower Upper  
198 100  
51 138.3 20.3 60.3#  
105 158.2 23.0 63.0#

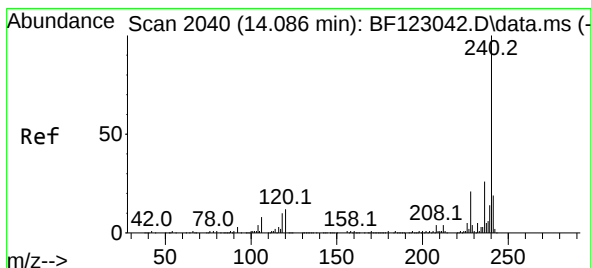
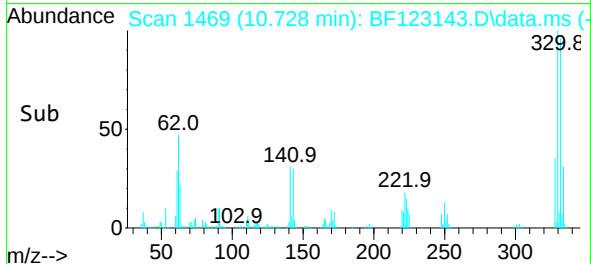
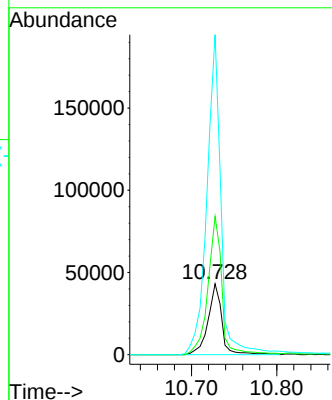
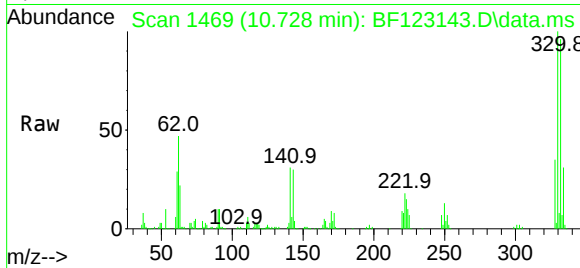




#67  
4-Bromophenyl-phenylether  
Concen: 3.76 ng  
RT: 10.728 min Scan# 1469  
Delta R.T. -0.247 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

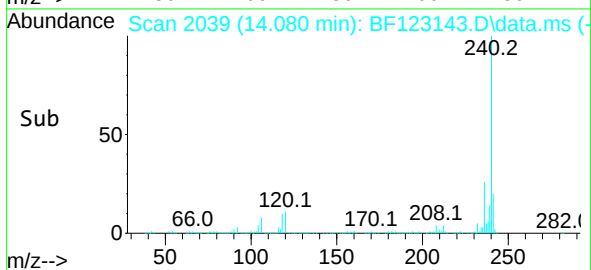
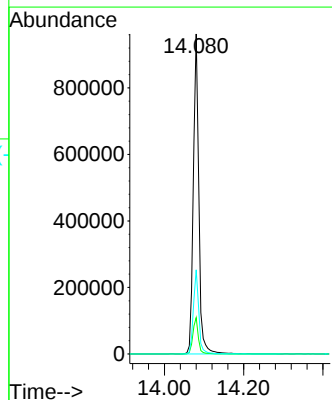
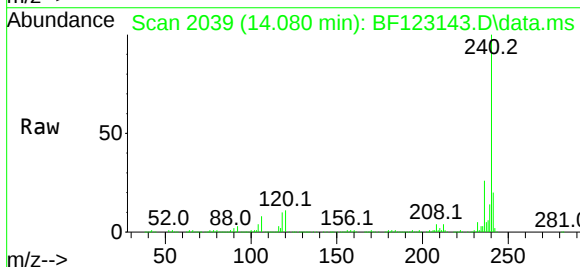
Instrument :  
BNA\_F  
ClientSampleId :  
PB134387BL

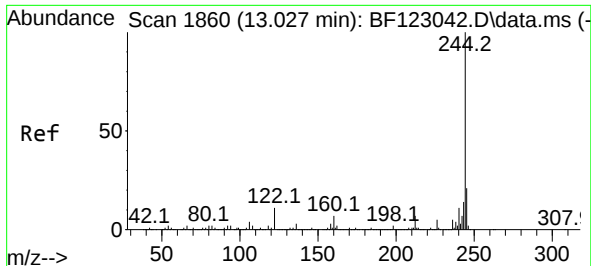
Tgt Ion:248 Resp: 48304  
Ion Ratio Lower Upper  
248 100  
250 195.0 76.8 115.2#  
141 451.4 59.8 89.8#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.080 min Scan# 2039  
Delta R.T. -0.006 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

Tgt Ion:240 Resp: 929965  
Ion Ratio Lower Upper  
240 100  
120 11.4 8.6 12.8  
236 26.3 20.3 30.5

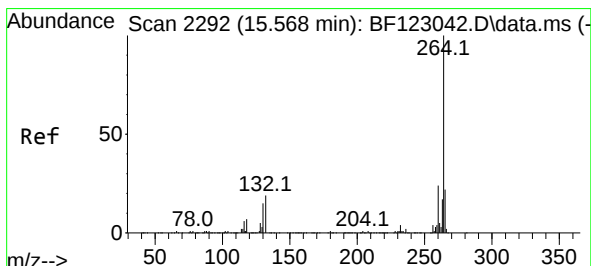
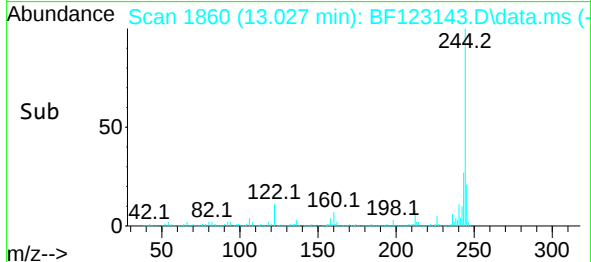
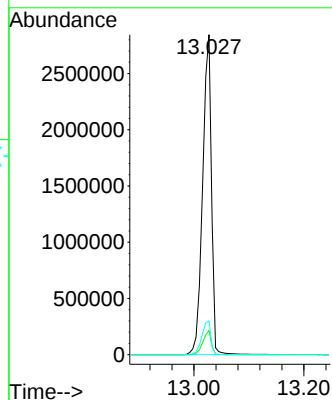
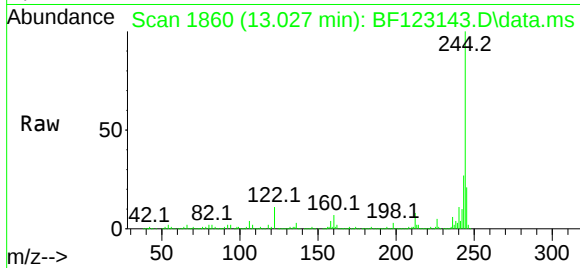




#79  
Terphenyl-d14  
Concen: 67.22 ng  
RT: 13.027 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

Instrument :  
BNA\_F  
ClientSampleId :  
PB134387BL

Tgt Ion:244 Resp: 3181658  
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: 15.568 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: BF123143.D  
Acq: 8 Feb 2021 11:14

Tgt Ion:264 Resp: 821850  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.6 28.0  
265 21.8 17.0 25.6

