

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121120\  
 Data File : BF122659.D  
 Acq On : 11 Dec 2020 12:29  
 Operator : JU/CG  
 Sample : PB1333535BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133535BL

Quant Time: Dec 11 13:19:10 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:08:49 2020  
 Response via : Initial Calibration

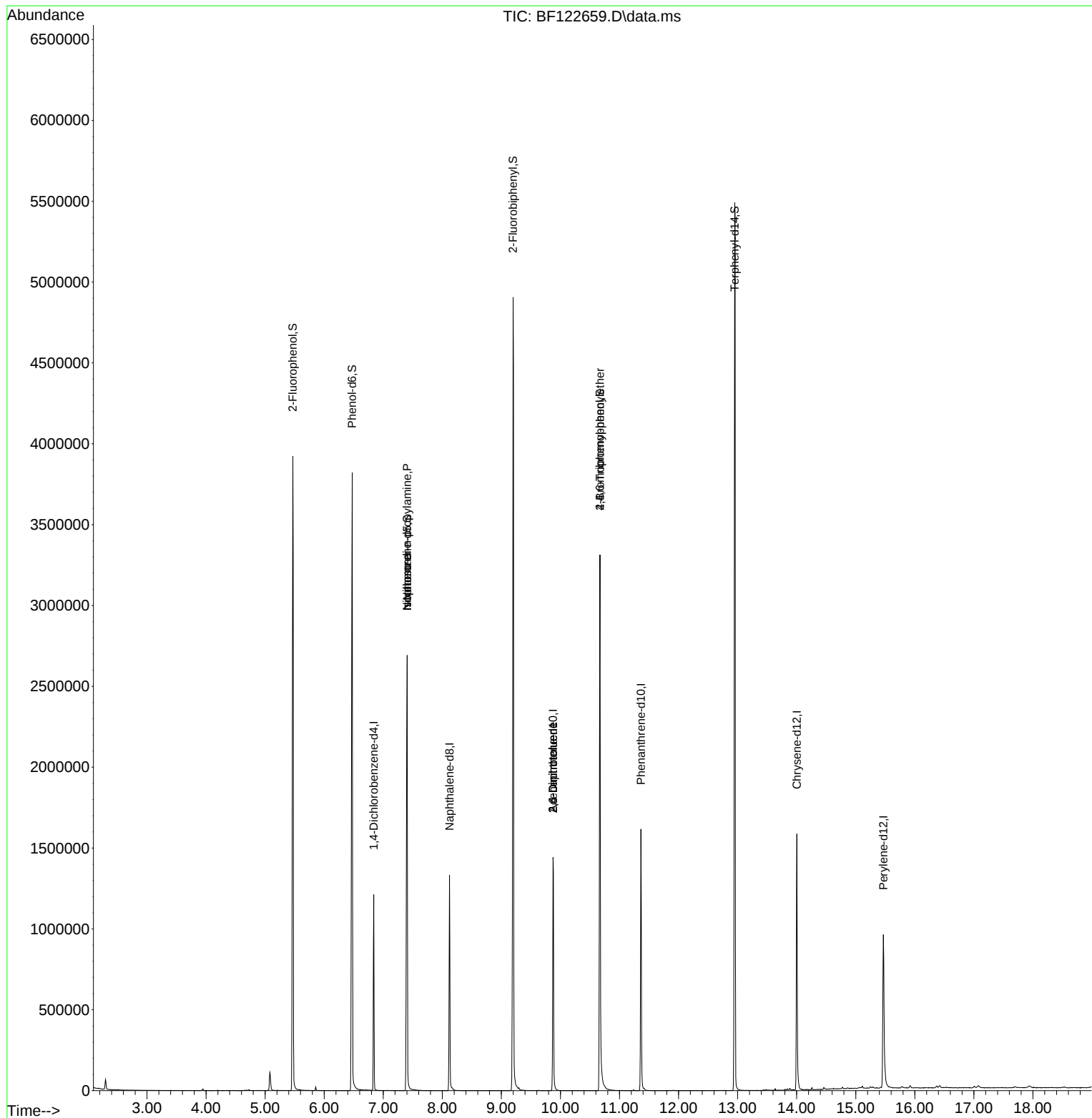
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 175121   | 20.00  | ng    | 0.00        |
| 21) Naphthalene-d8            | 8.122  | 136  | 674684   | 20.00  | ng    | 0.00        |
| 39) Acenaphthene-d10          | 9.874  | 164  | 355902   | 20.00  | ng    | 0.00        |
| 64) Phenanthrene-d10          | 11.363 | 188  | 679873   | 20.00  | ng    | 0.00        |
| 76) Chrysene-d12              | 14.004 | 240  | 627786   | 20.00  | ng    | 0.00        |
| 86) Perylene-d12              | 15.468 | 264  | 583541   | 20.00  | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 5.469  | 112  | 1324419  | 119.73 | ng    | 0.01        |
| 7) Phenol-d6                  | 6.475  | 99   | 1639610  | 111.76 | ng    | 0.00        |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 1031057  | 76.57  | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 544775   | 116.94 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 1865644  | 70.90  | ng    | 0.00        |
| 79) Terphenyl-d14             | 12.951 | 244  | 2153480  | 60.04  | ng    | 0.00        |
| Target Compounds              |        |      |          |        |       |             |
| 19) n-Nitroso-di-n-propyla... | 7.404  | 70   | 135474   | 16.12  | ng    | Qvalue # 76 |
| 25) Isophorone                | 7.404  | 82   | 1016819  | 43.84  | ng    | # 65        |
| 51) 2,6-Dinitrotoluene        | 9.874  | 165  | 44875    | 7.48   | ng    | # 31        |
| 57) 2,4-Dinitrotoluene        | 9.874  | 165  | 44875    | 5.61   | ng    | # 25        |
| 67) 4-Bromophenyl-phenylether | 10.669 | 248  | 33540    | 3.64   | ng    | # 1         |
| -----                         |        |      |          |        |       |             |

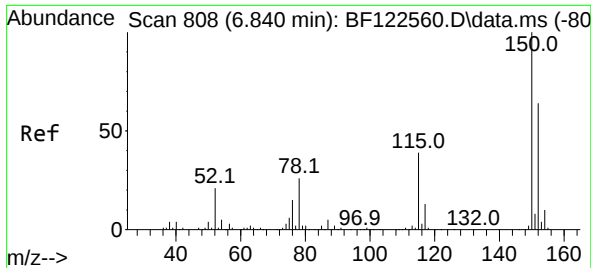
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 07 12:08:49 2020  
Response via : Initial Calibration

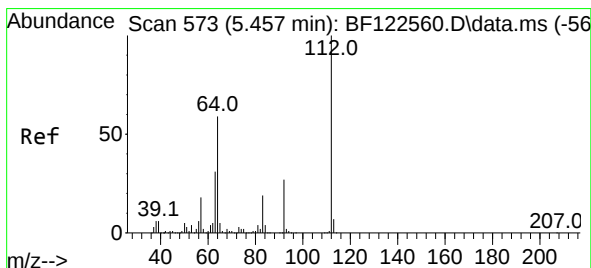
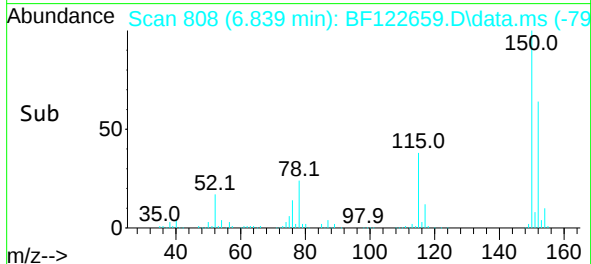
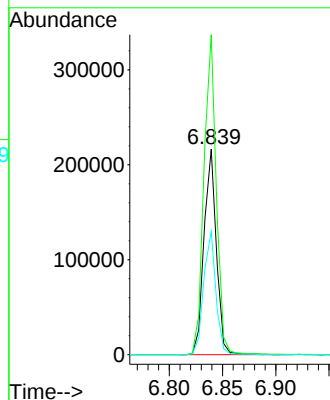
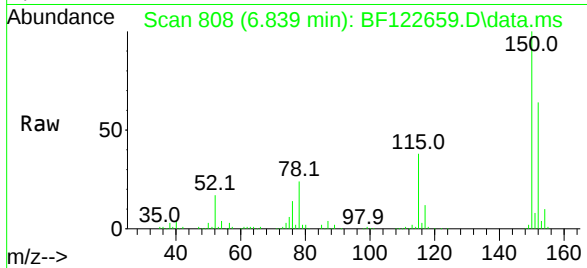




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.001 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

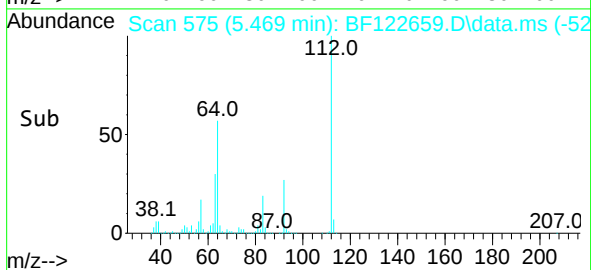
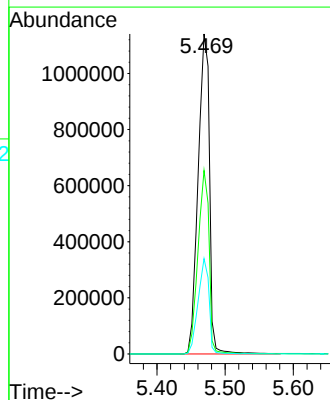
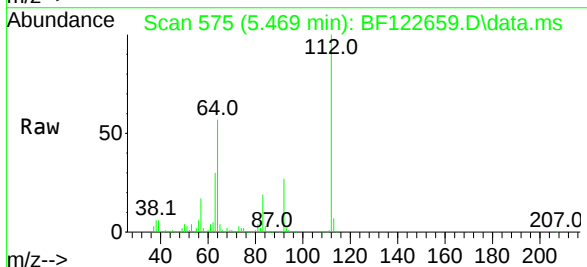
Instrument :  
BNA\_F  
ClientSampleId :  
PB133535BL

Tgt Ion:152 Resp: 175121  
Ion Ratio Lower Upper  
152 100  
150 155.7 125.8 188.6  
115 59.9 49.3 73.9



#5  
2-Fluorophenol  
Concen: 119.73 ng  
RT: 5.469 min Scan# 575  
Delta R.T. 0.012 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

Tgt Ion:112 Resp: 1324419  
Ion Ratio Lower Upper  
112 100  
64 57.4 46.9 70.3  
63 29.8 24.5 36.7

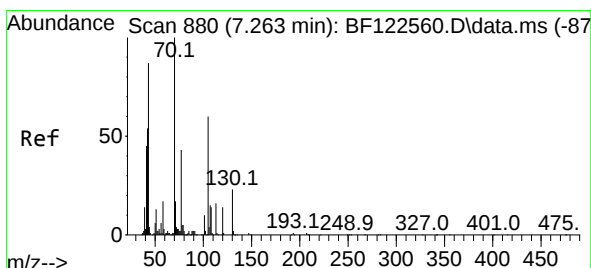
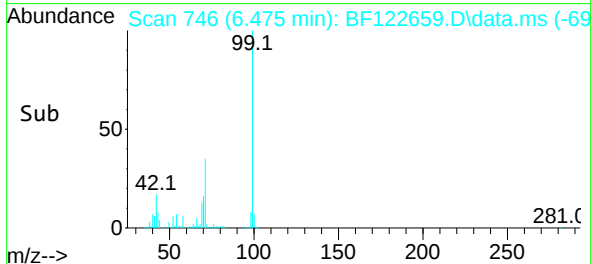
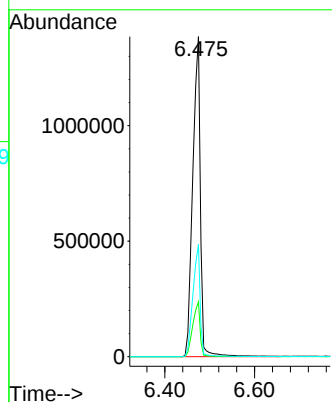
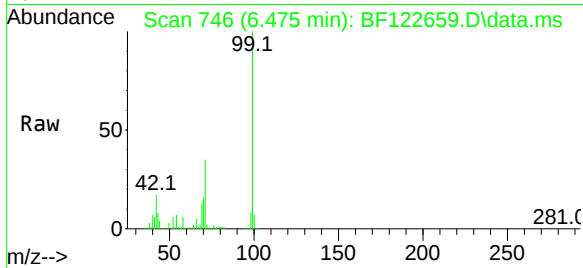




#7  
Phenol-d6  
Concen: 111.76 ng  
RT: 6.475 min Scan# 746  
Delta R.T. -0.006 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

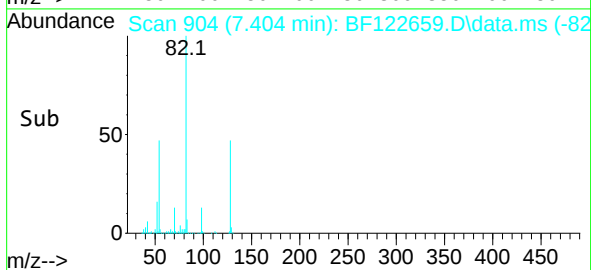
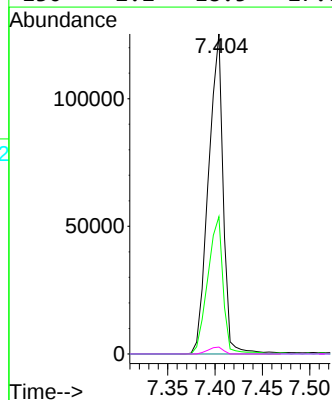
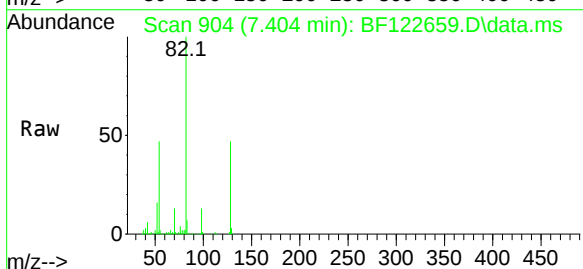
Instrument :  
BNA\_F  
ClientSampleId :  
PB133535BL

Tgt Ion: 99 Resp: 1639610  
Ion Ratio Lower Upper  
99 100  
42 17.2 13.8 20.6  
71 35.1 26.9 40.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.12 ng  
RT: 7.404 min Scan# 904  
Delta R.T. 0.141 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

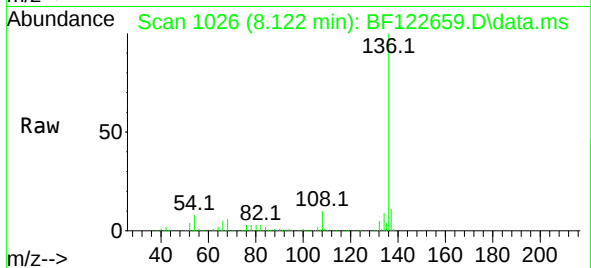
Tgt Ion: 70 Resp: 135474  
Ion Ratio Lower Upper  
70 100  
42 42.9 43.0 64.4#  
101 0.0 7.9 11.9#  
130 2.2 18.5 27.7#



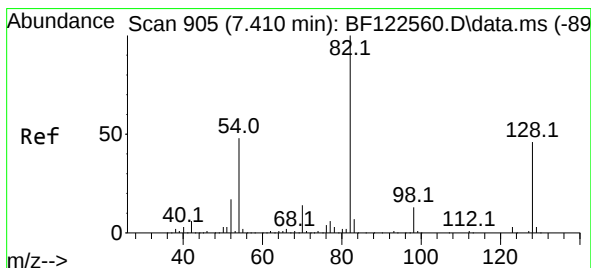
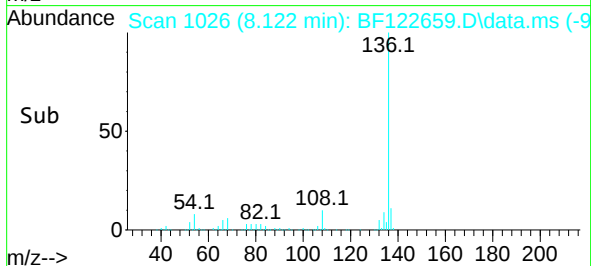
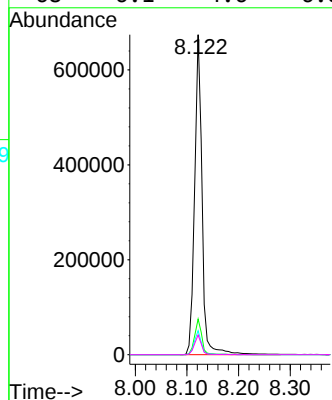


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB133535BL

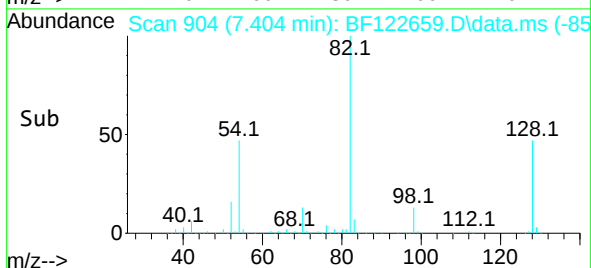
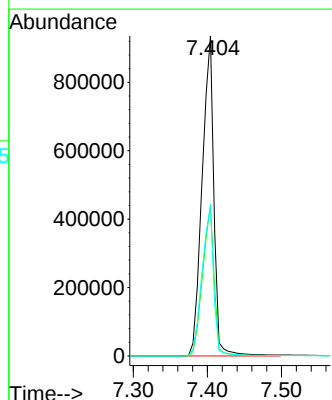
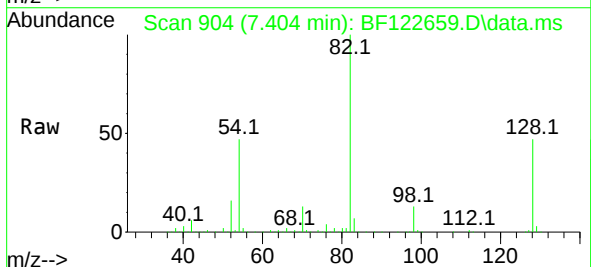


Tgt Ion:136 Resp: 674684  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.8 13.2  
54 7.5 5.5 8.3  
68 6.1 4.6 6.8



#23  
Nitrobenzene-d5  
Concen: 76.57 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

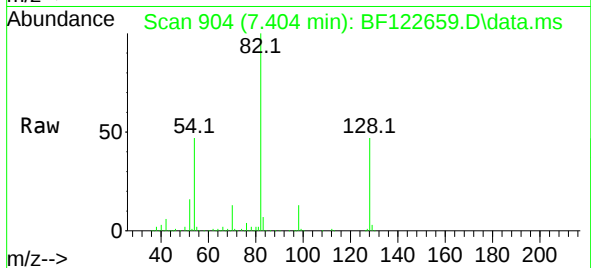
Tgt Ion: 82 Resp: 1031057  
Ion Ratio Lower Upper  
82 100  
128 47.2 37.0 55.4  
54 46.6 38.4 57.6



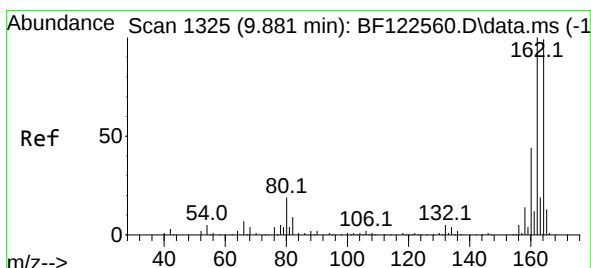
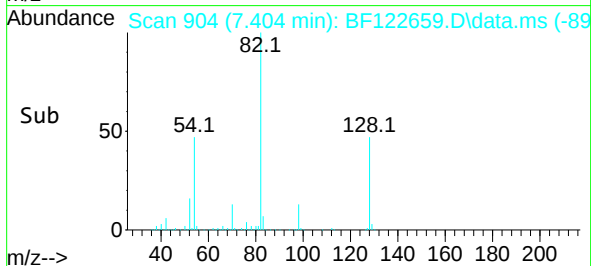
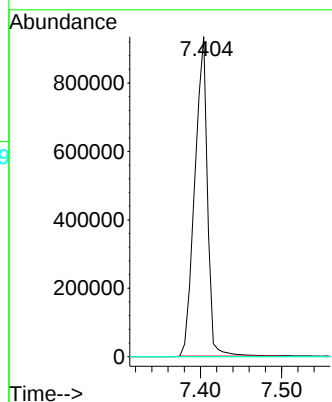


#25  
Isophorone  
Concen: 43.84 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.265 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB133535BL

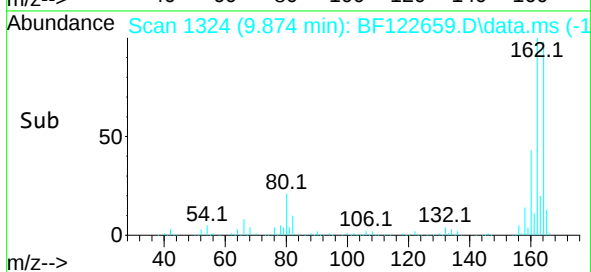
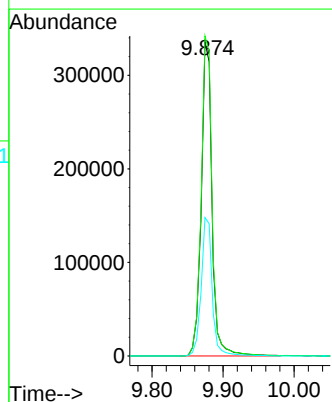
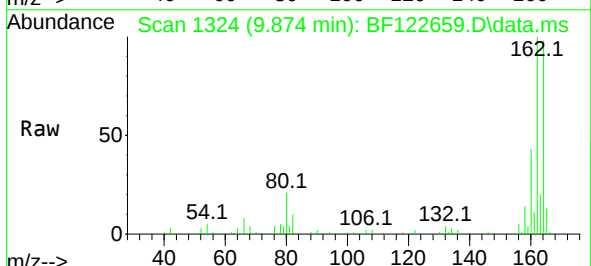


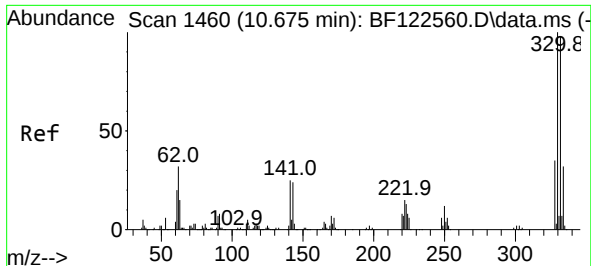
Tgt Ion: 82 Resp: 1016819  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 14.6 21.8#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.874 min Scan# 1324  
Delta R.T. -0.007 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

Tgt Ion: 164 Resp: 355902  
Ion Ratio Lower Upper  
164 100  
162 102.0 80.8 121.2  
160 44.1 35.4 53.0

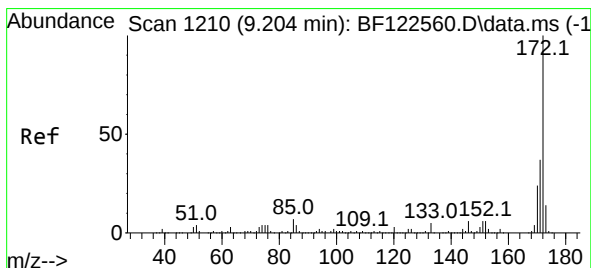
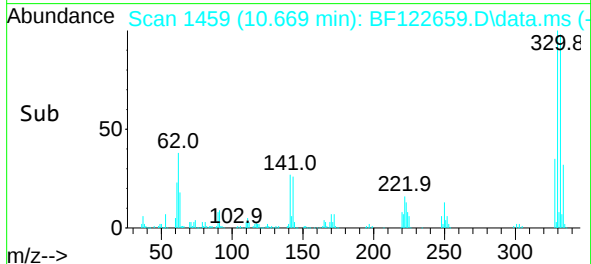
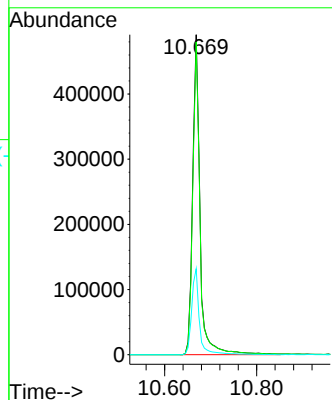
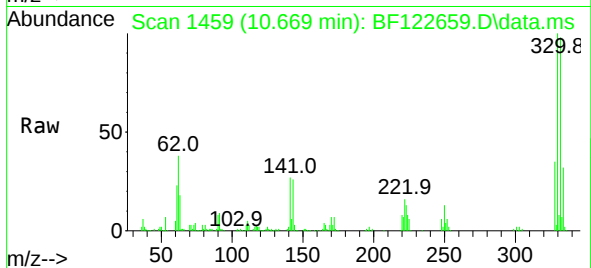




#42  
2,4,6-Tribromophenol  
Concen: 116.94 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

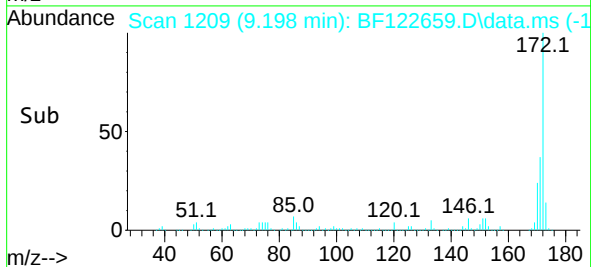
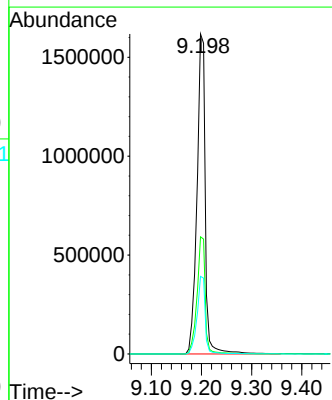
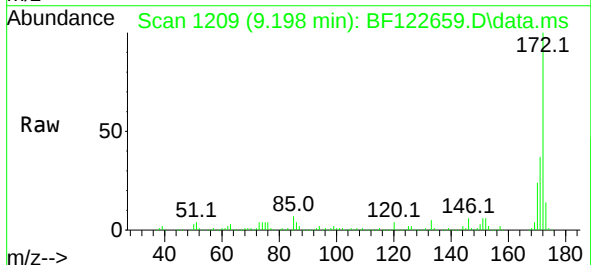
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PB133535BL

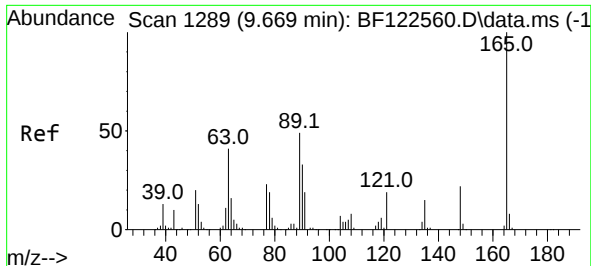
Tgt Ion: 330 Resp: 544775  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.5 116.3  
141 28.1 23.8 35.8



#45  
2-Fluorobiphenyl  
Concen: 70.90 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

Tgt Ion: 172 Resp: 1865644  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.6 44.4  
170 24.3 19.5 29.3

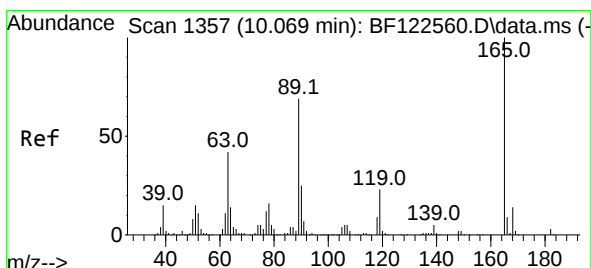
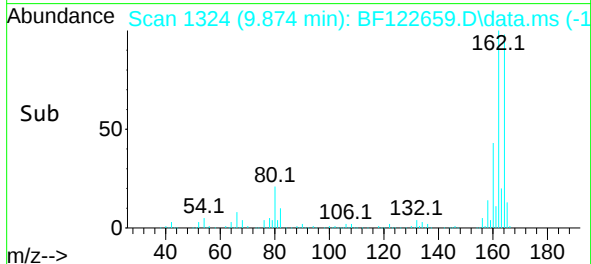
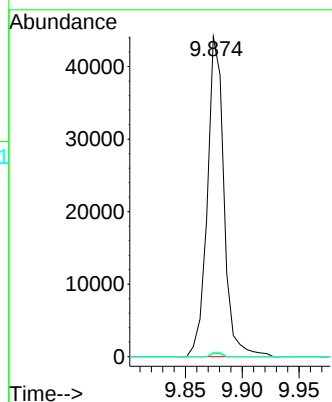
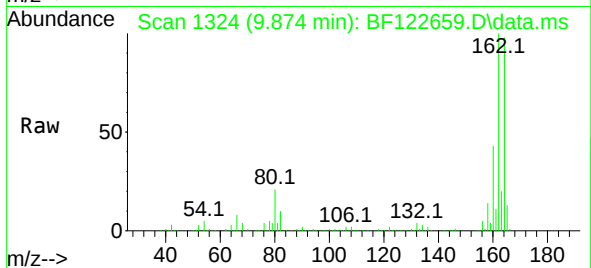




#51  
2,6-Dinitrotoluene  
Concen: 7.48 ng  
RT: 9.874 min Scan# 1324  
Delta R.T. 0.206 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

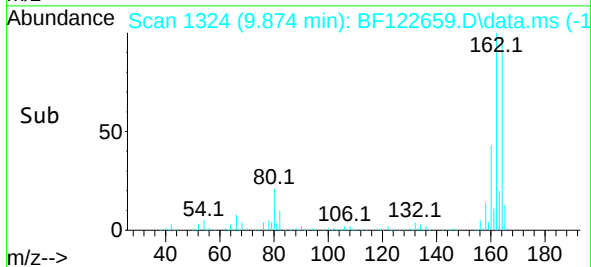
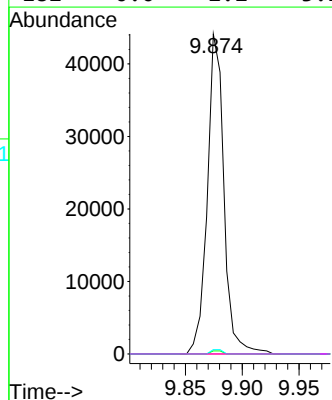
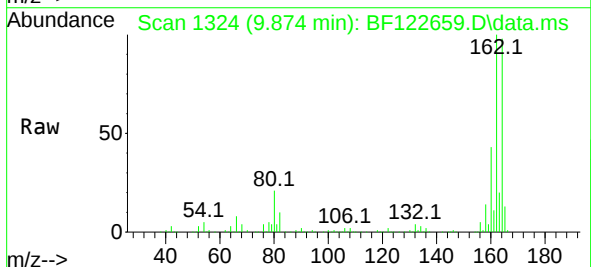
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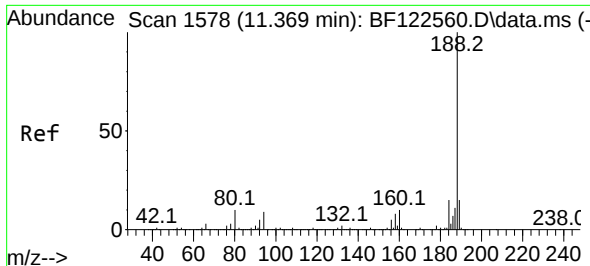
Tgt Ion:165 Resp: 44875  
Ion Ratio Lower Upper  
165 100  
63 1.0 36.6 55.0#  
89 1.3 39.4 59.0#



#57  
2,4-Dinitrotoluene  
Concen: 5.61 ng  
RT: 9.874 min Scan# 1324  
Delta R.T. -0.194 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

Tgt Ion:165 Resp: 44875  
Ion Ratio Lower Upper  
165 100  
63 1.0 34.3 51.5#  
89 1.3 55.2 82.8#  
182 0.0 2.2 3.2#

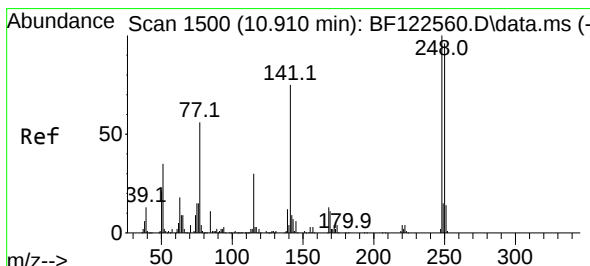
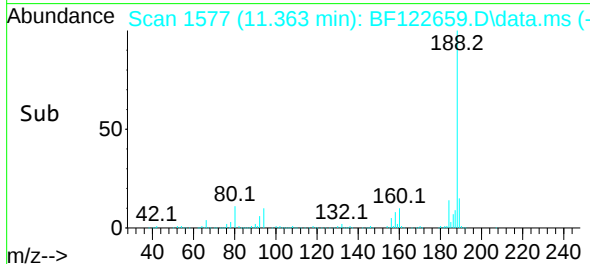
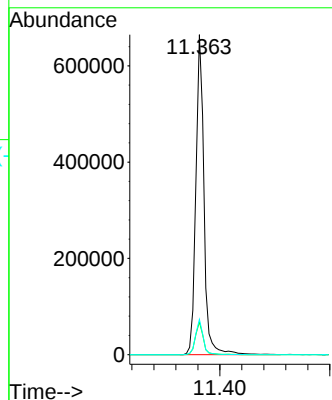
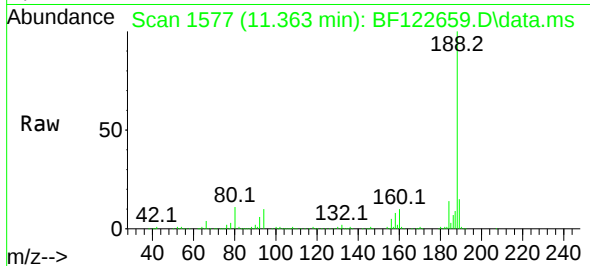




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

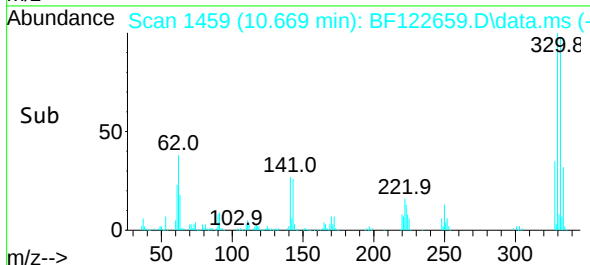
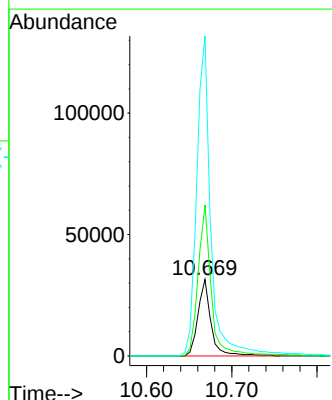
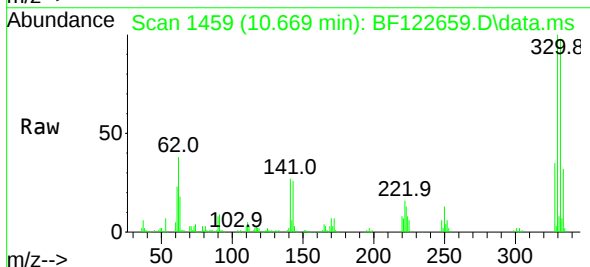
Instrument :  
BNA\_F  
ClientSampleId :  
PB133535BL

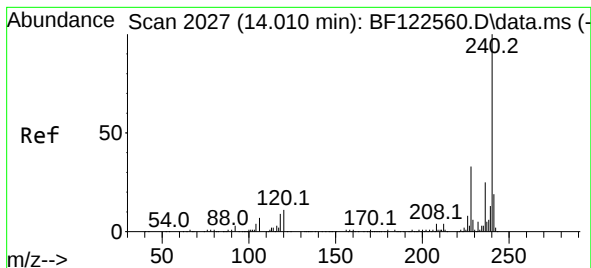
Tgt Ion:188 Resp: 679873  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.4 11.2  
80 11.1 8.2 12.4



#67  
4-Bromophenyl-phenylether  
Concen: 3.64 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.241 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

Tgt Ion:248 Resp: 33540  
Ion Ratio Lower Upper  
248 100  
250 197.4 76.8 115.2#  
141 418.7 59.8 89.8#

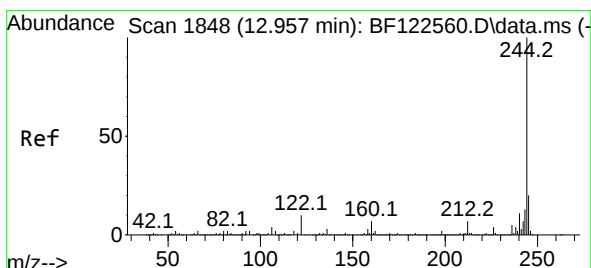
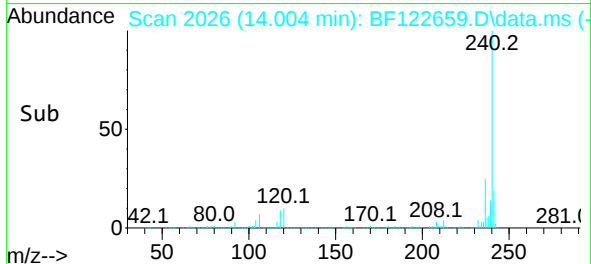
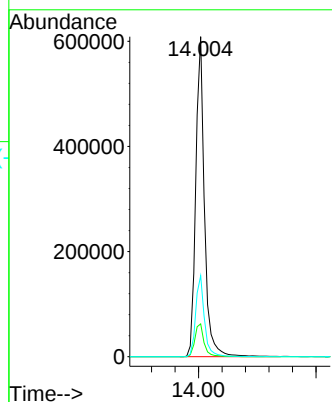
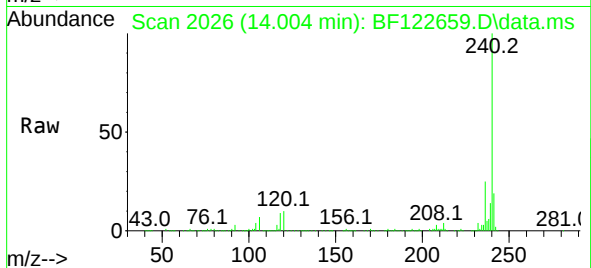




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

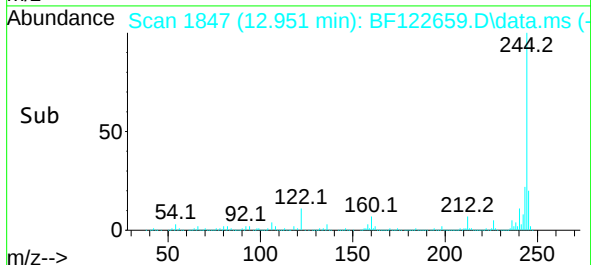
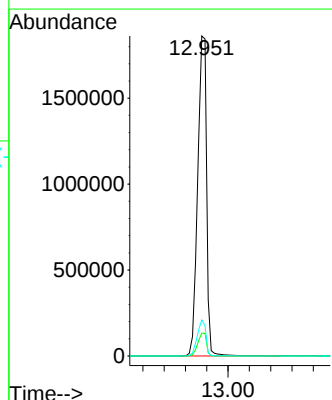
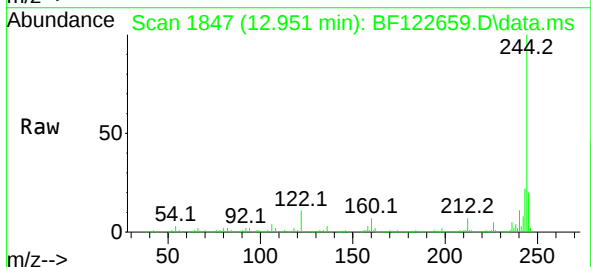
Instrument :  
BNA\_F  
ClientSampleId :  
PB133535BL

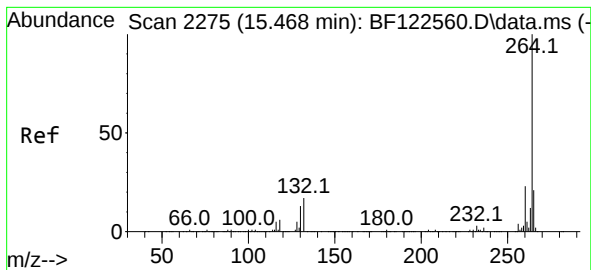
Tgt Ion:240 Resp: 627786  
Ion Ratio Lower Upper  
240 100  
120 10.2 8.6 12.8  
236 25.3 20.3 30.5



#79  
Terphenyl-d14  
Concen: 60.04 ng  
RT: 12.951 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

Tgt Ion:244 Resp: 2153480  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.7 8.5  
122 11.2 8.3 12.5





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.468 min Scan# 2275  
Delta R.T. -0.000 min  
Lab File: BF122659.D  
Acq: 11 Dec 2020 12:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB133535BL

Tgt Ion:264 Resp: 583541  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.6 28.0  
265 21.6 17.0 25.6

