

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082521\  
 Data File : BF125211.D  
 Acq On : 25 Aug 2021 15:52  
 Operator : JU/CG  
 Sample : M3524-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-1

Quant Time: Aug 25 17:57:28 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

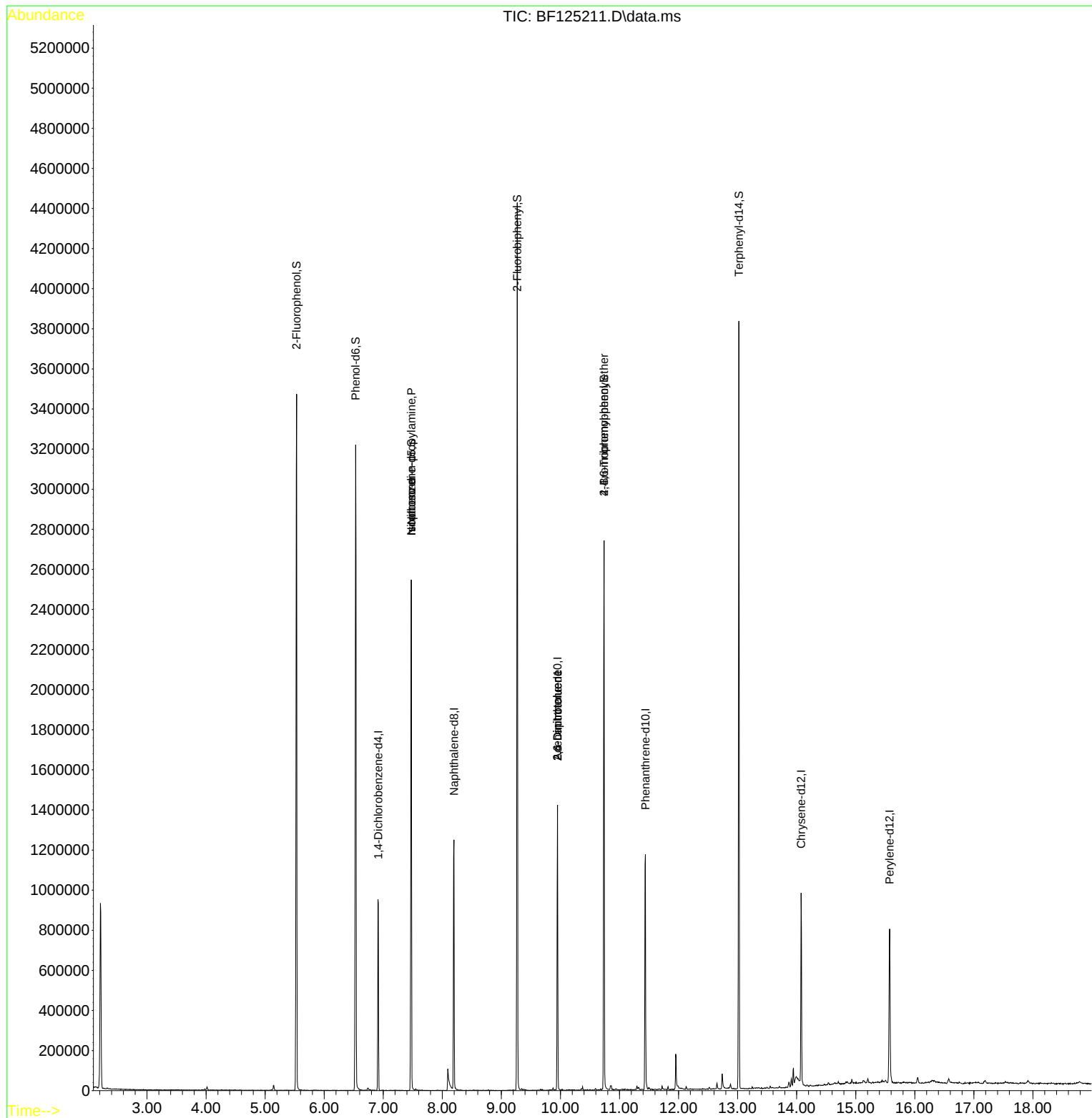
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 137521   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.198  | 136  | 537136   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.951  | 164  | 275439   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.439 | 188  | 460921   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 317199   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.574 | 264  | 367279   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 866277   | 95.345  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.534  | 99   | 1075971  | 91.567  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.475  | 82   | 731152   | 68.529  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.739 | 330  | 317746   | 115.565 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 1287394  | 65.143  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 1240274  | 62.291  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.475  | 70   | 100978   | 14.287  | ng    | # 58     |
| 25) Isophorone                | 7.475  | 82   | 731145   | 35.523  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.951  | 165  | 35203    | 8.505   | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.951  | 165  | 35203    | 7.028   | ng    | # 20     |
| 67) 4-Bromophenyl-phenylether | 10.739 | 248  | 19443    | 3.513   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

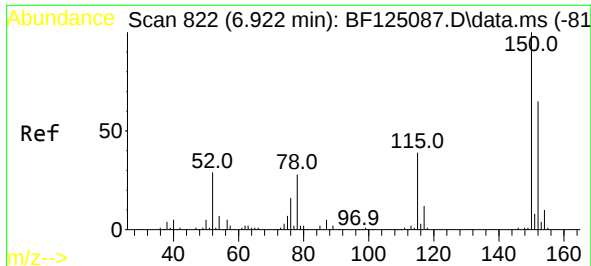
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M3524-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 24 12:39:21 2021  
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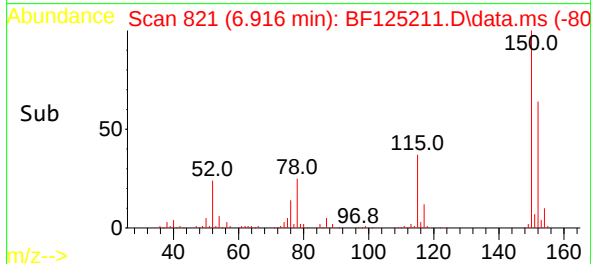
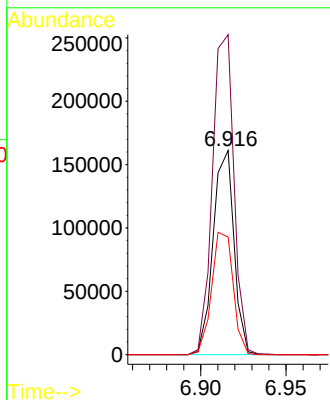
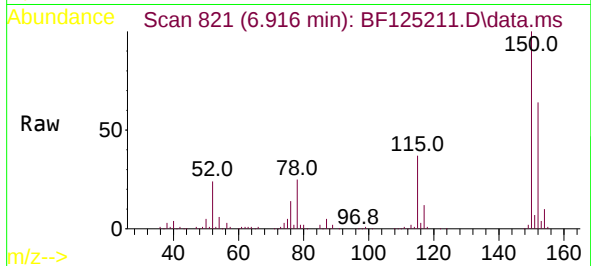




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

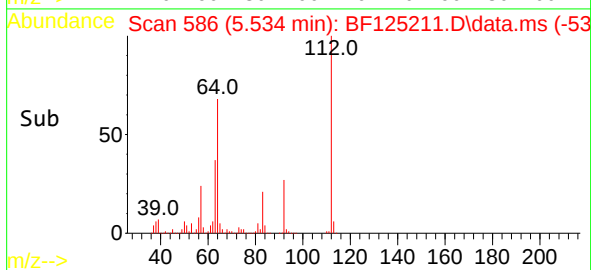
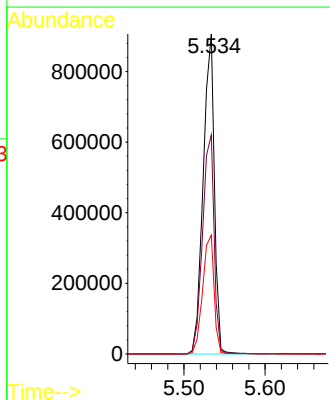
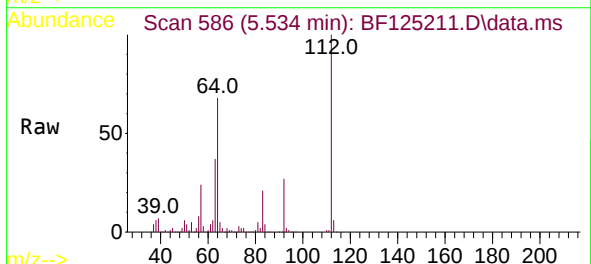
Instrument :  
BNA\_F  
ClientSampled :  
PE-1

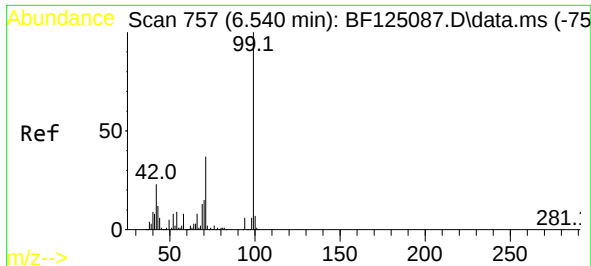
Tgt Ion:152 Resp: 137521  
Ion Ratio Lower Upper  
152 100  
150 156.7 117.6 176.4  
115 57.6 47.1 70.7



#5  
2-Fluorophenol  
Concen: 95.345 ng  
RT: 5.534 min Scan# 586  
Delta R.T. 0.006 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

Tgt Ion:112 Resp: 866277  
Ion Ratio Lower Upper  
112 100  
64 68.4 44.2 66.2#  
63 37.1 26.2 39.2

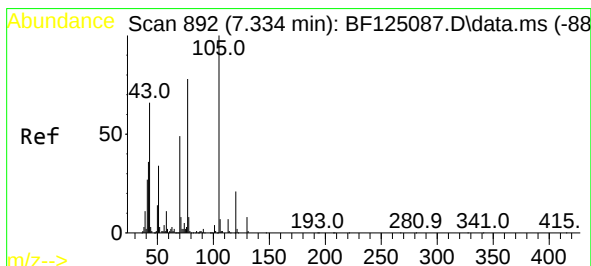
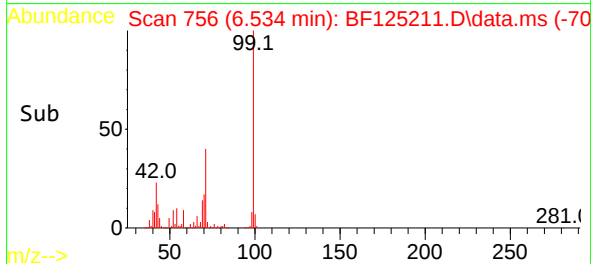
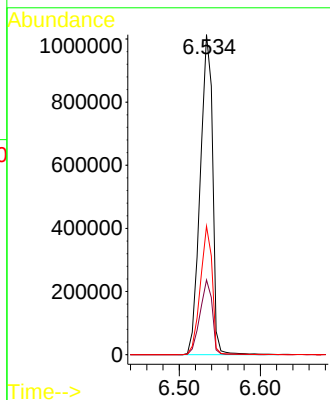
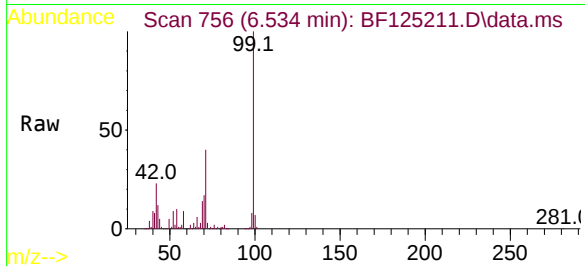




#7  
Phenol-d6  
Concen: 91.567 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

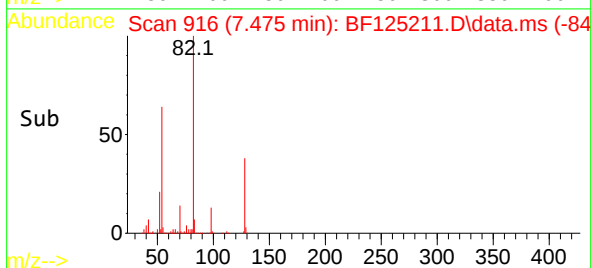
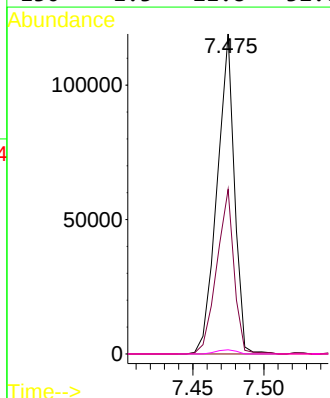
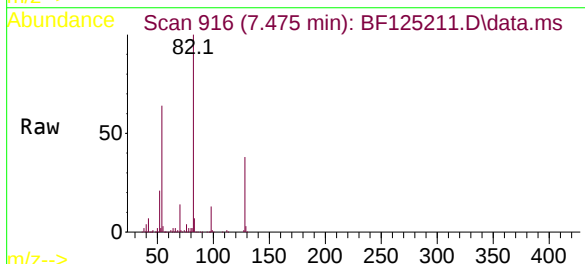
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

Tgt Ion: 99 Resp: 1075971  
Ion Ratio Lower Upper  
99 100  
42 23.4 23.5 35.3#  
71 40.1 25.6 38.4#



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.287 ng  
RT: 7.475 min Scan# 916  
Delta R.T. 0.147 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

Tgt Ion: 70 Resp: 100978  
Ion Ratio Lower Upper  
70 100  
42 51.5 72.2 108.2#  
101 0.0 7.8 11.8#  
130 1.3 21.8 32.6#

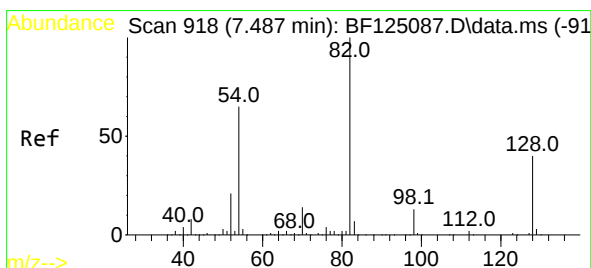
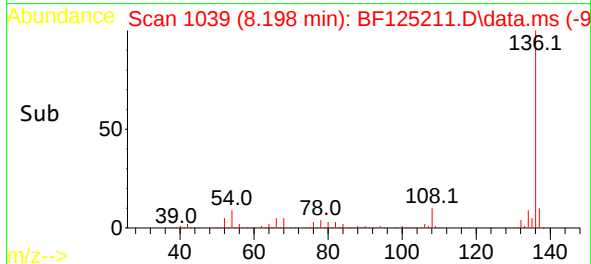
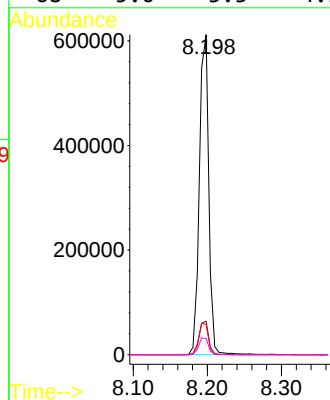
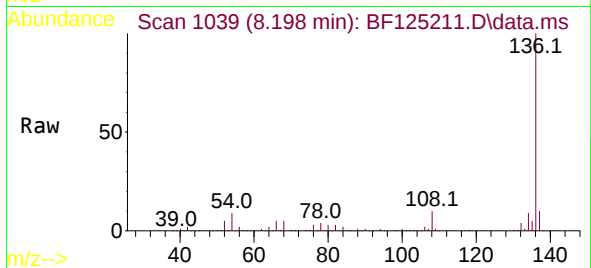




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.198 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

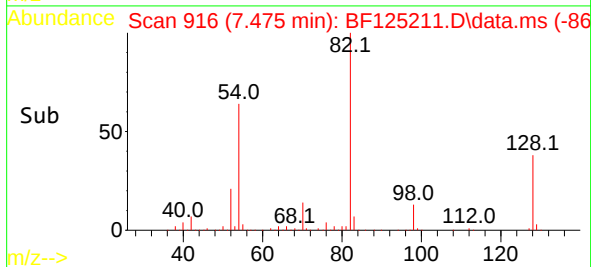
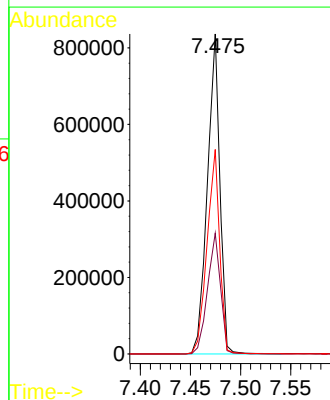
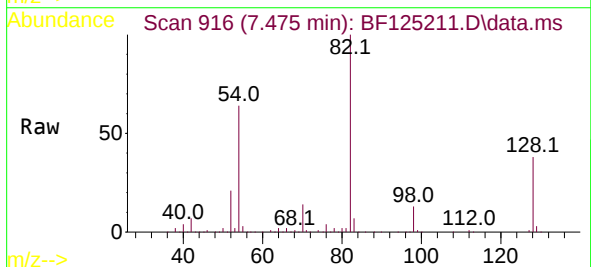
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 537136 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.5  | 9.8   | 14.6   |
| 54       | 9.4   | 6.4   | 9.6    |
| 68       | 5.0   | 3.3   | 4.9    |



#23  
Nitrobenzene-d5  
Concen: 68.529 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 731152 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 37.8  | 40.6  | 60.8   |
| 54       | 63.9  | 49.6  | 74.4   |

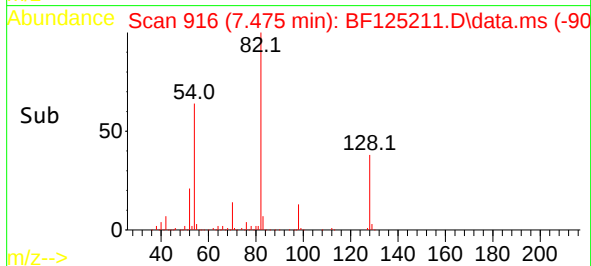
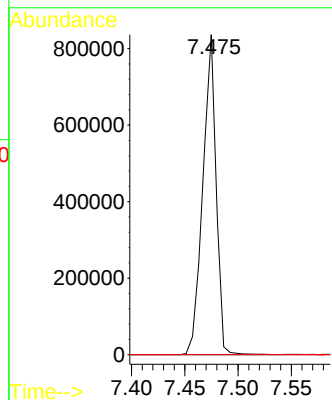
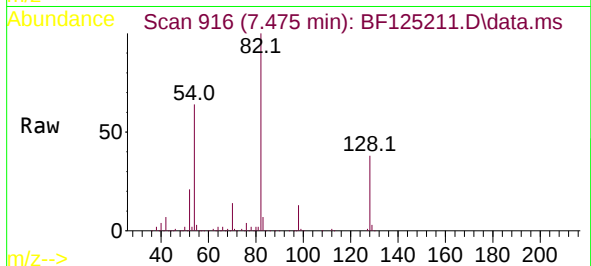




#25  
Isophorone  
Concen: 35.523 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.259 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

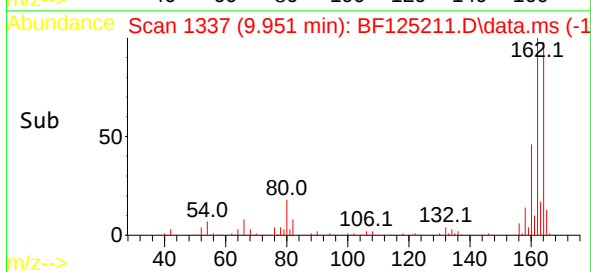
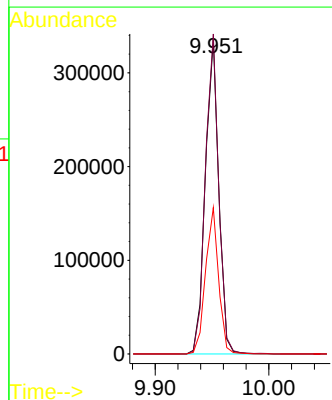
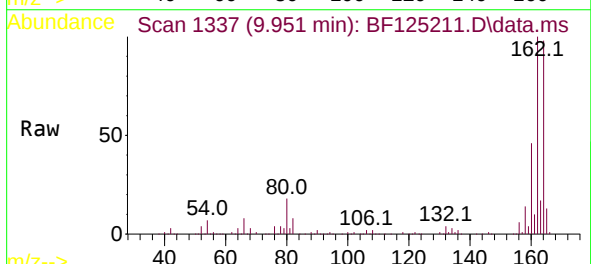
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

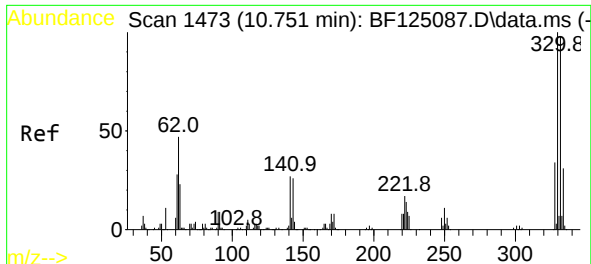
Tgt Ion: 82 Resp: 731145  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.000 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

Tgt Ion: 164 Resp: 275439  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.3 121.9  
160 46.5 38.0 57.0

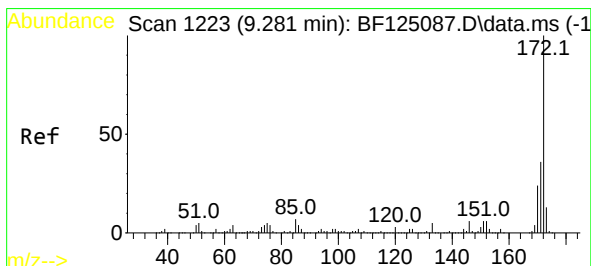
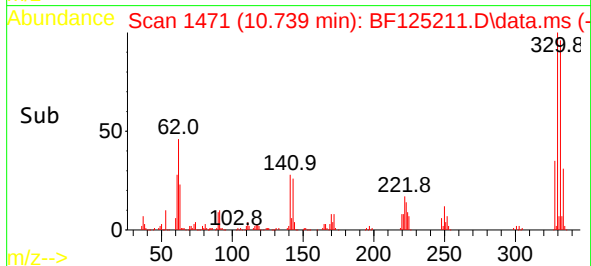
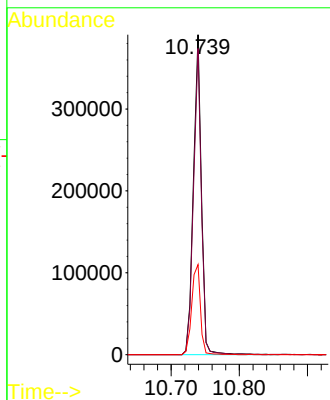
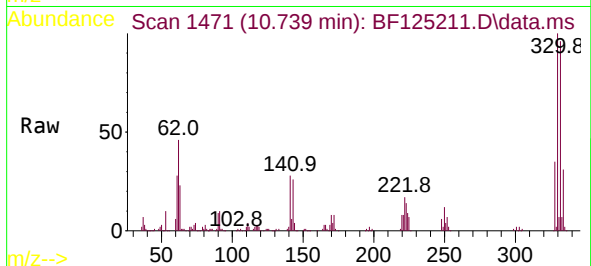




#42  
2,4,6-Tribromophenol  
Concen: 115.565 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

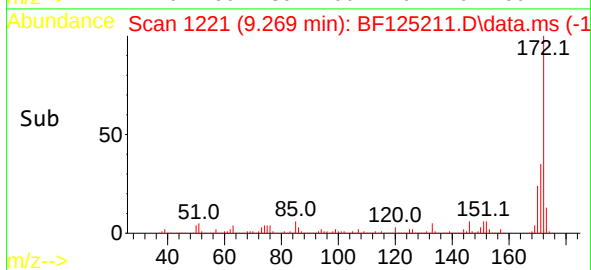
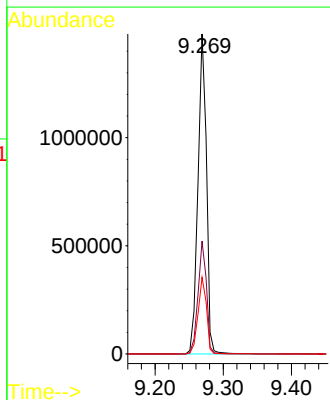
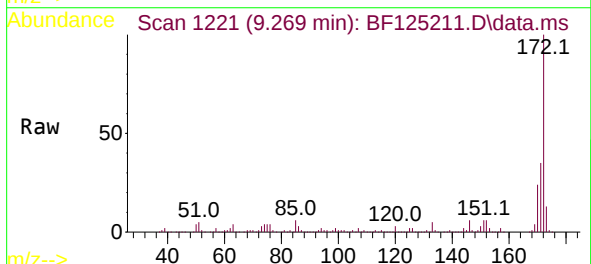
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

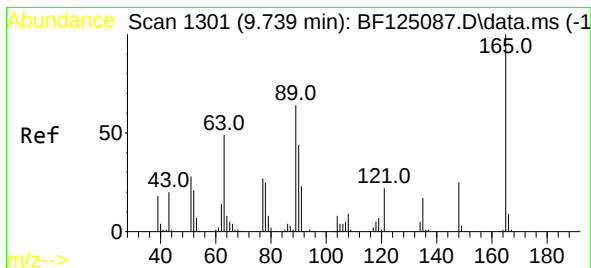
Tgt Ion:330 Resp: 317746  
Ion Ratio Lower Upper  
330 100  
332 93.8 76.2 114.4  
141 30.5 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 65.143 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

Tgt Ion:172 Resp: 1287394  
Ion Ratio Lower Upper  
172 100  
171 35.2 26.5 39.7  
170 24.0 18.8 28.2

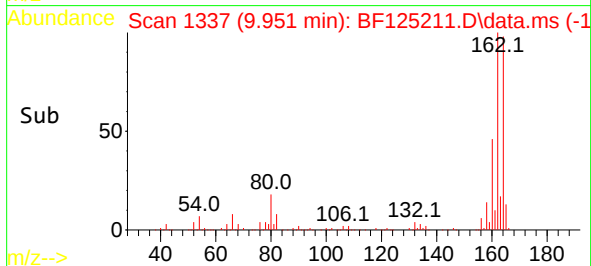
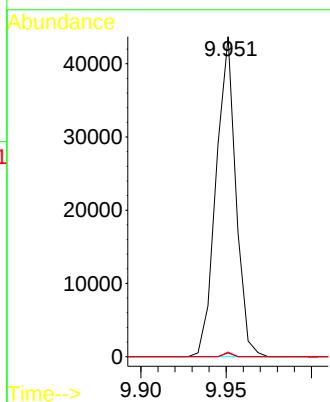
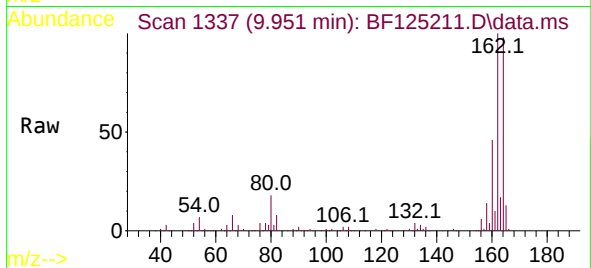




#51  
2,6-Dinitrotoluene  
Concen: 8.505 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.218 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

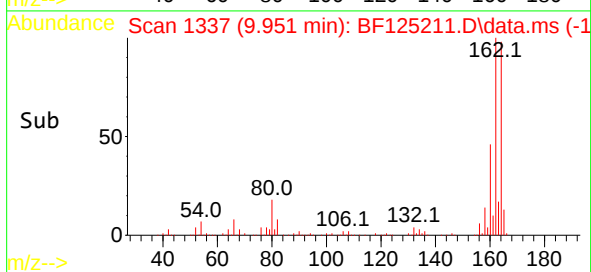
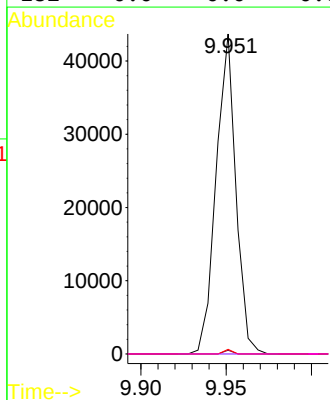
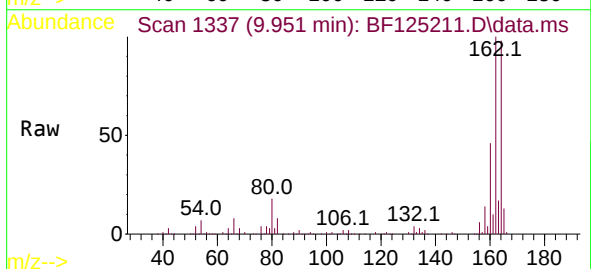
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ClientSampleId :  
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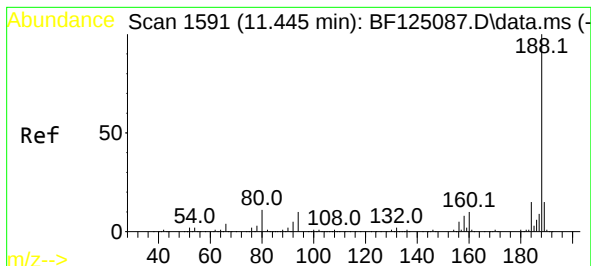
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Ion Ratio Lower Upper  
165 100  
63 1.1 42.6 63.8#  
89 1.5 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 7.028 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.182 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

Tgt Ion:165 Resp: 35203  
Ion Ratio Lower Upper  
165 100  
63 1.1 40.9 61.3#  
89 1.5 59.7 89.5#  
182 0.0 0.0 0.0

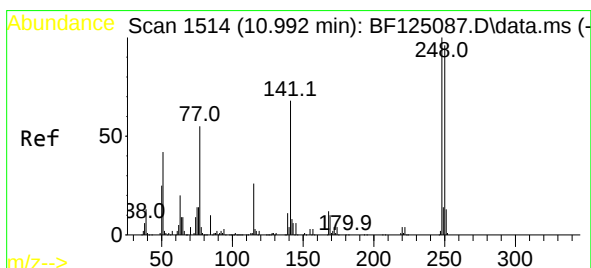
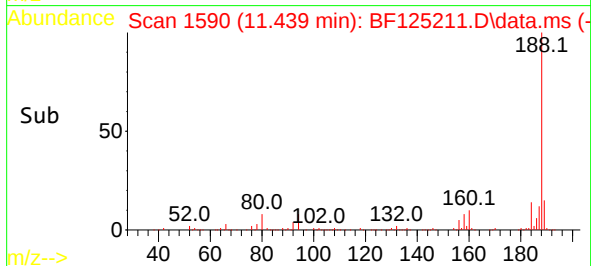
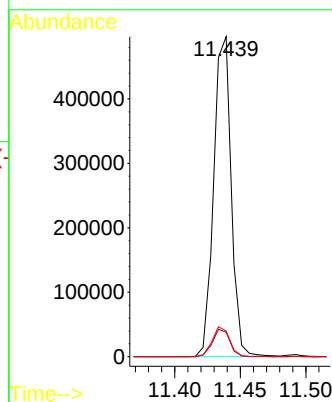
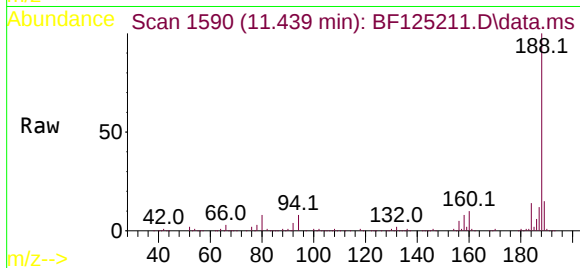




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

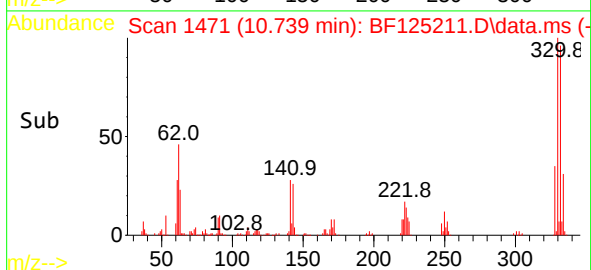
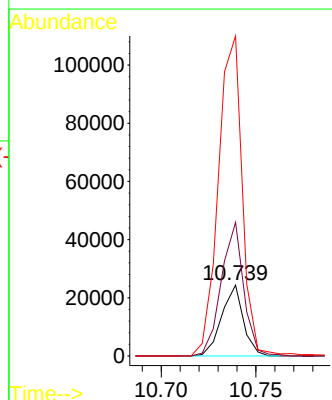
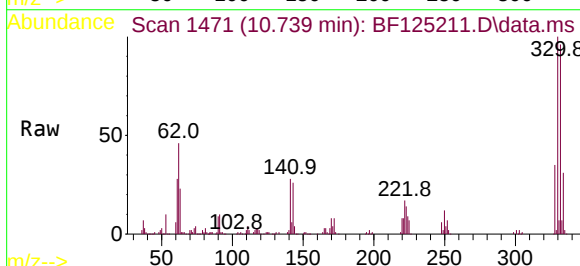
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

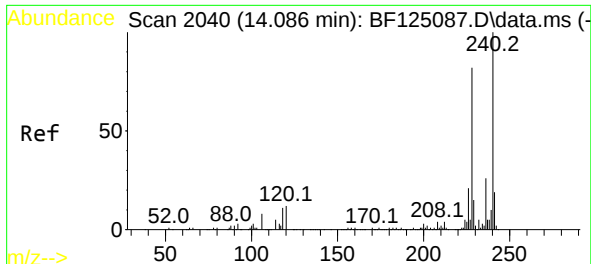
Tgt Ion:188 Resp: 460921  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.7 10.1  
80 8.1 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 3.513 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. -0.241 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

Tgt Ion:248 Resp: 19443  
Ion Ratio Lower Upper  
248 100  
250 188.7 74.2 111.4#  
141 451.7 60.4 90.6#

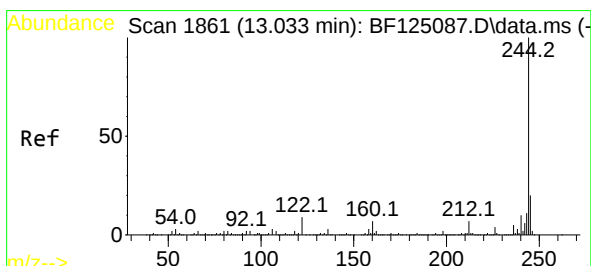
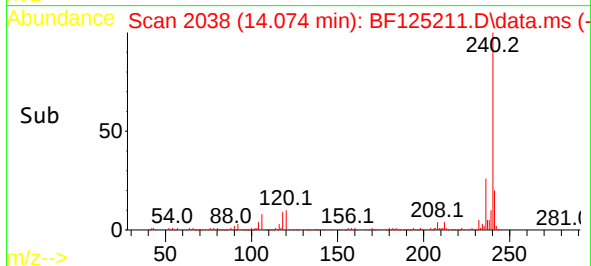
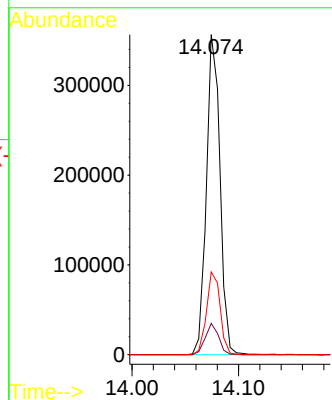
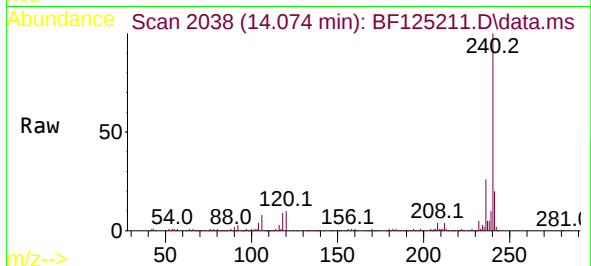




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. -0.006 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

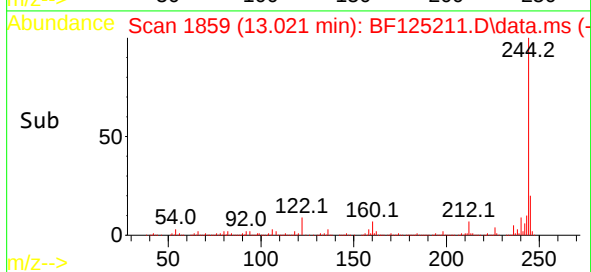
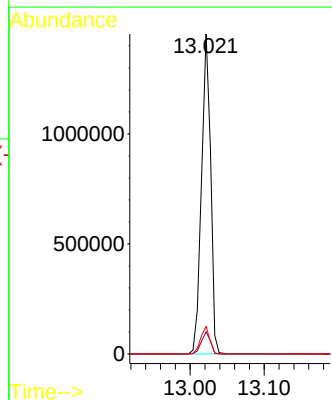
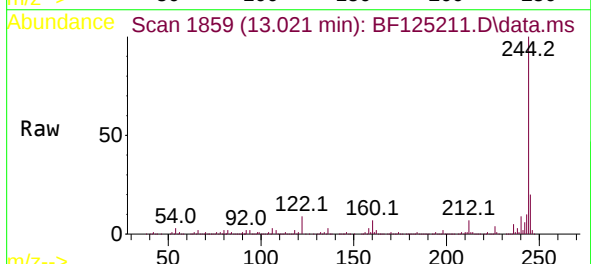
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

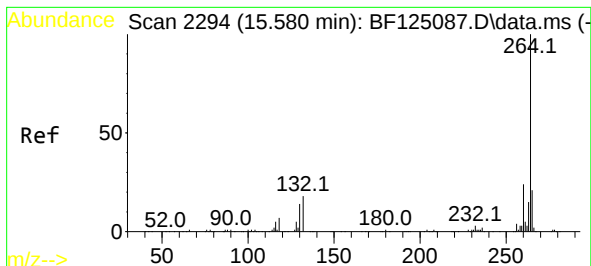
Tgt Ion:240 Resp: 317199  
Ion Ratio Lower Upper  
240 100  
120 9.8 10.8 16.2#  
236 25.9 21.6 32.4



#79  
Terphenyl-d14  
Concen: 62.291 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. 0.000 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

Tgt Ion:244 Resp: 1240274  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.9 8.9  
122 8.6 9.0 13.4#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.574 min Scan# 2293  
Delta R.T. 0.000 min  
Lab File: BF125211.D  
Acq: 25 Aug 2021 15:52

Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

Tgt Ion:264 Resp: 367279  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.6 29.4  
265 21.3 17.2 25.8

