

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070121\  
 Data File : BF124509.D  
 Acq On : 1 Jul 2021 13:43  
 Operator : JU/CG  
 Sample : PB137447TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB137447TB

Quant Time: Jul 01 14:17:43 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 01 14:15:13 2021  
 Response via : Initial Calibration

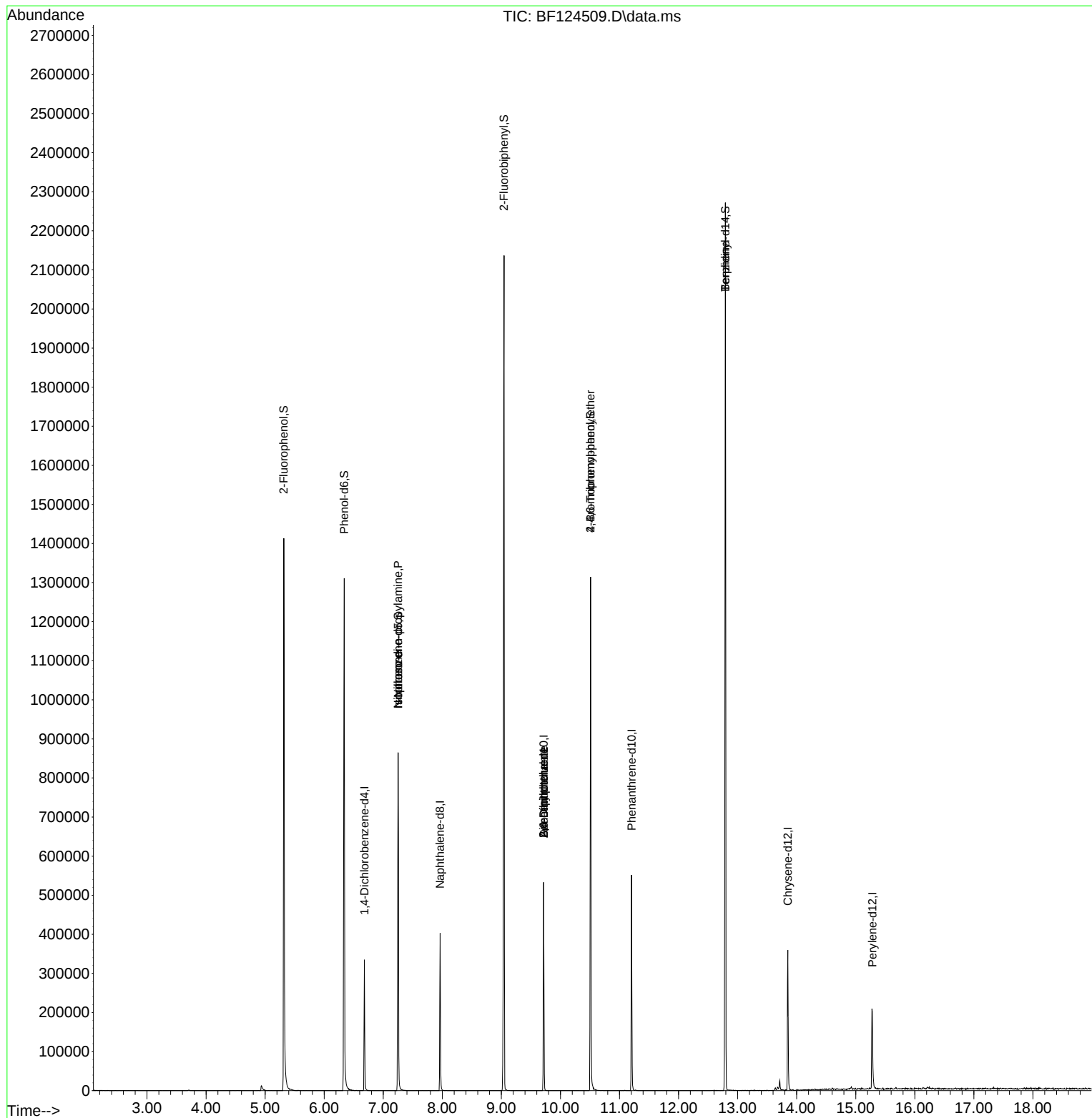
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.681  | 152  | 43447    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 7.963  | 136  | 165848   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.716  | 164  | 92556    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.204 | 188  | 175884   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.851 | 240  | 123831   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.280 | 264  | 92635    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.316  | 112  | 353959   | 128.126 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.339  | 99   | 415192   | 115.104 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.251  | 82   | 308017   | 77.005  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.510 | 330  | 141429   | 127.897 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.045  | 172  | 642952   | 85.095  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.792 | 244  | 730127   | 88.312  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.251  | 70   | 44314    | 18.268  | ng    | # 63     |
| 25) Isophorone                | 7.251  | 82   | 308013   | 44.789  | ng    | # 69     |
| 50) Dimethylphthalate         | 9.716  | 163  | 16487    | 2.259   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.716  | 165  | 12128    | 7.195   | ng    | # 11     |
| 57) 2,4-Dinitrotoluene        | 9.716  | 165  | 12128    | 5.428   | ng    | # 17     |
| 67) 4-Bromophenyl-phenylether | 10.510 | 248  | 10933    | 4.621   | ng    | # 1      |
| 77) Benzidine                 | 12.792 | 184  | 12408    | 5.000   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

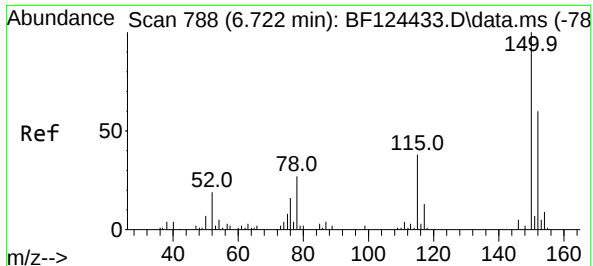
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070121\  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF062321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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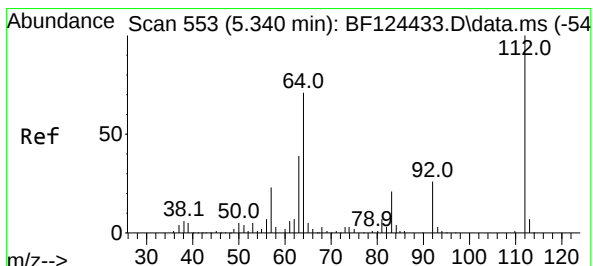
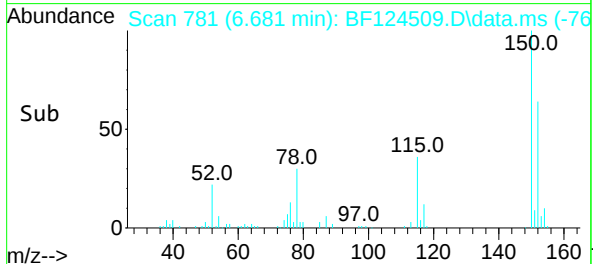
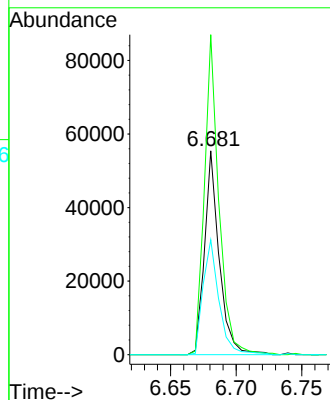
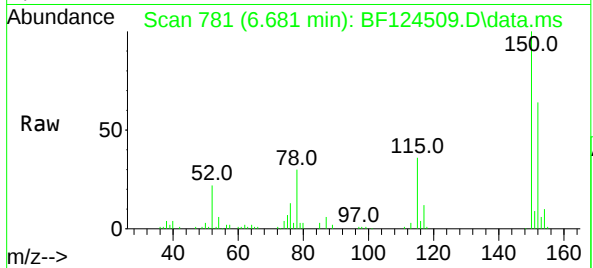




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.681 min Scan# 781  
Delta R.T. -0.000 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

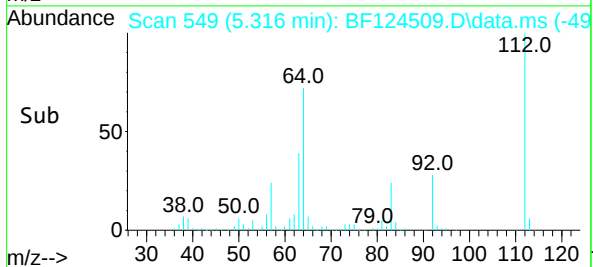
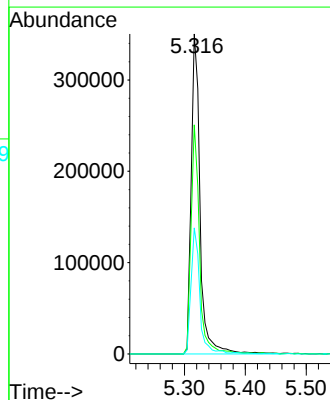
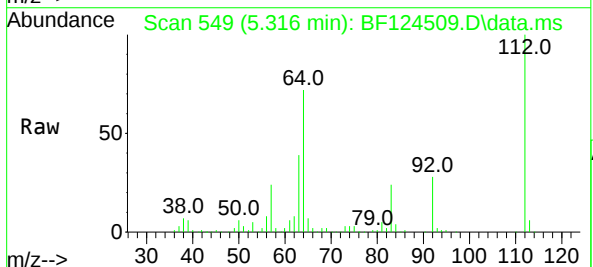
Instrument :  
BNA\_F  
ClientSampleId :  
PB137447TB

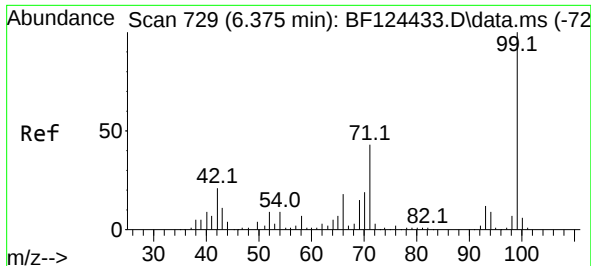
Tgt Ion:152 Resp: 43447  
Ion Ratio Lower Upper  
152 100  
150 157.0 127.0 190.6  
115 56.4 54.3 81.5



#5  
2-Fluorophenol  
Concen: 128.126 ng  
RT: 5.316 min Scan# 549  
Delta R.T. 0.012 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

Tgt Ion:112 Resp: 353959  
Ion Ratio Lower Upper  
112 100  
64 71.6 61.4 92.0  
63 39.4 33.0 49.4

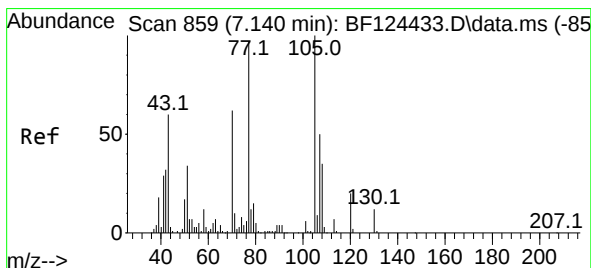
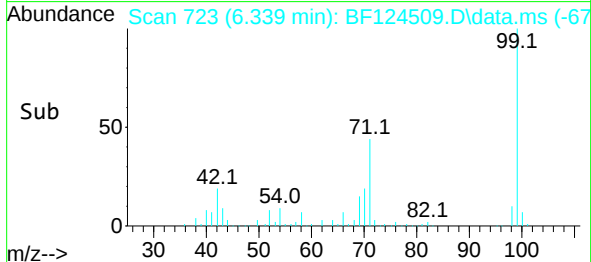
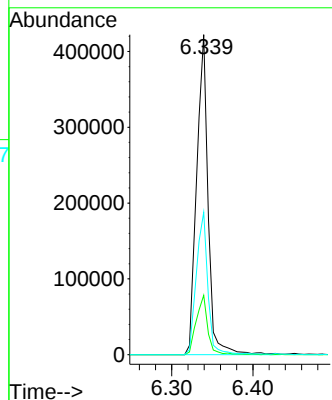
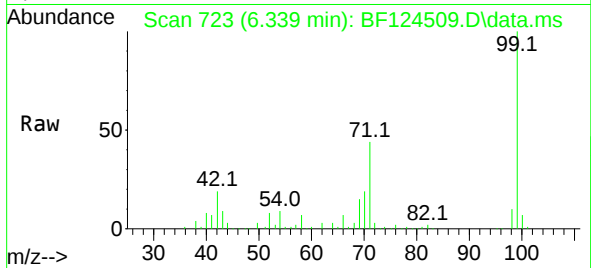




#7  
Phenol-d6  
Concen: 115.104 ng  
RT: 6.339 min Scan# 723  
Delta R.T. 0.000 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

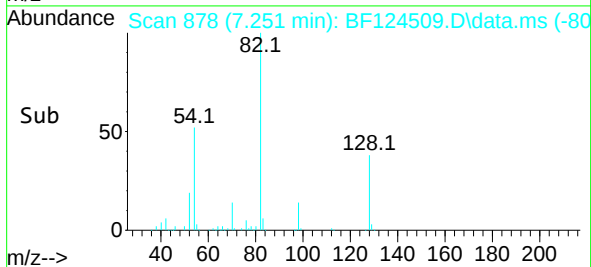
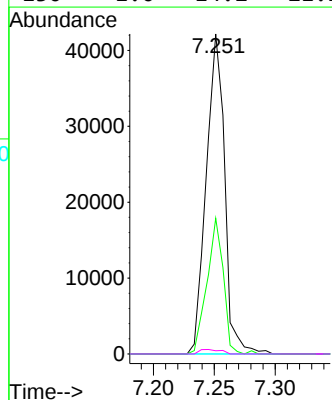
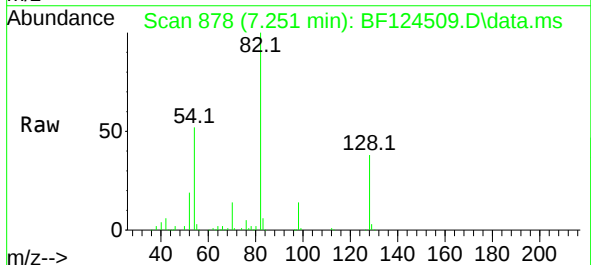
Instrument :  
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ClientSampleId :  
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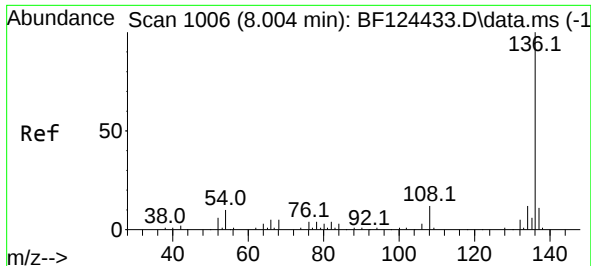
Tgt Ion: 99 Resp: 415192  
Ion Ratio Lower Upper  
99 100  
42 18.5 19.8 29.8#  
71 44.5 31.1 46.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.268 ng  
RT: 7.251 min Scan# 878  
Delta R.T. 0.147 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

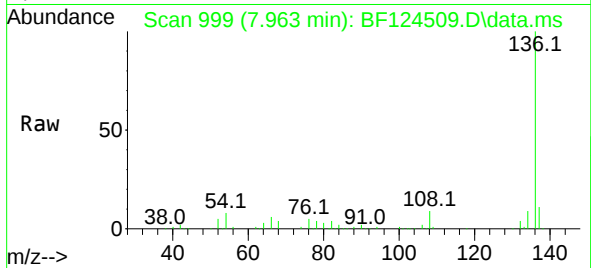
Tgt Ion: 70 Resp: 44314  
Ion Ratio Lower Upper  
70 100  
42 42.4 60.1 90.1#  
101 0.0 7.4 11.2#  
130 1.0 14.2 21.2#



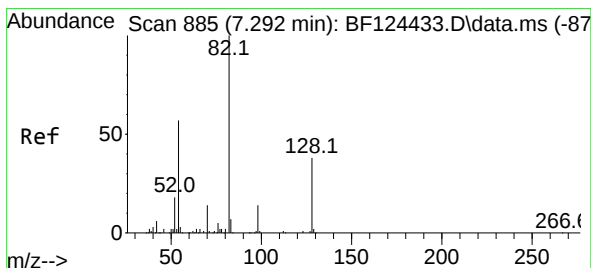
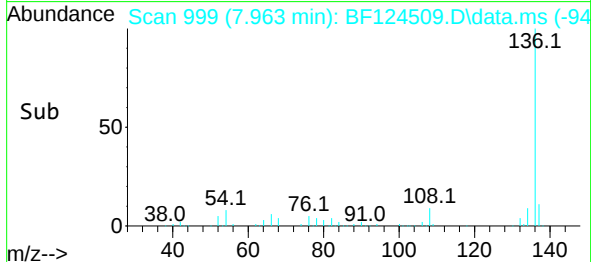
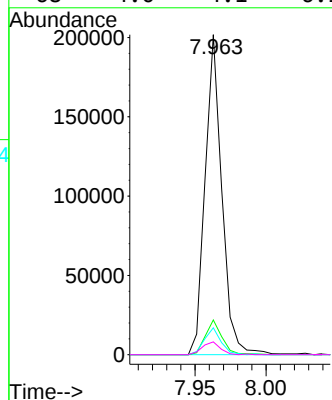


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.963 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

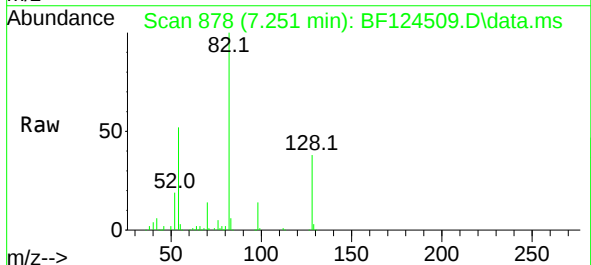
Instrument :  
BNA\_F  
ClientSampleId :  
PB137447TB



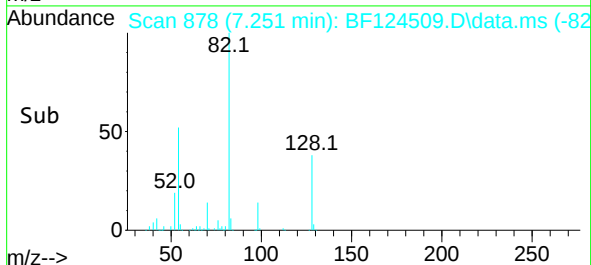
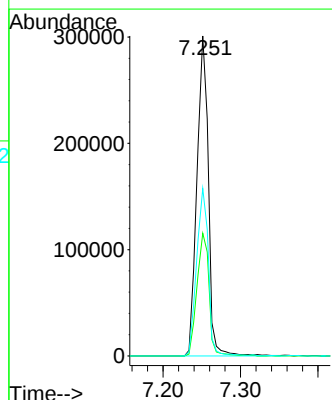
Tgt Ion:136 Resp: 165848  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.7 13.1  
54 8.4 9.8 14.6#  
68 4.0 4.1 6.1#

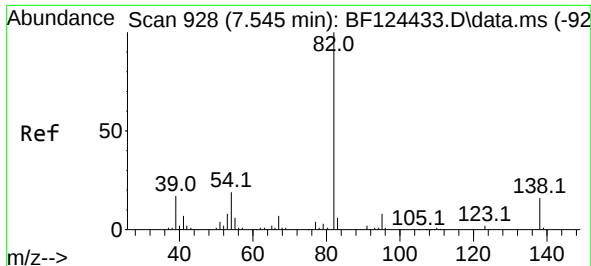


#23  
Nitrobenzene-d5  
Concen: 77.005 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.006 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43



Tgt Ion: 82 Resp: 308017  
Ion Ratio Lower Upper  
82 100  
128 38.3 29.4 44.2  
54 52.3 54.1 81.1#

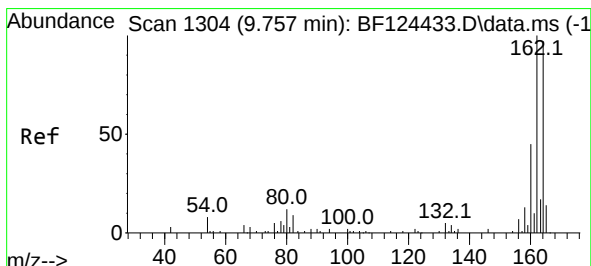
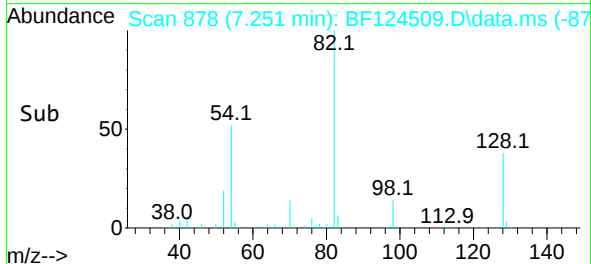
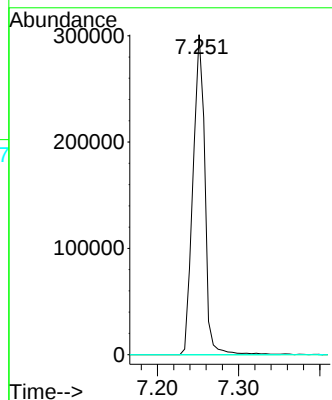
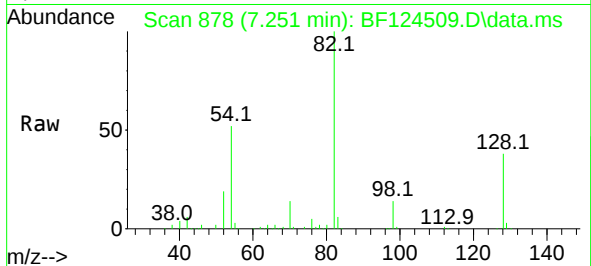




#25  
Isophorone  
Concen: 44.789 ng  
RT: 7.251 min Scan# 878  
Delta R.T. -0.265 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

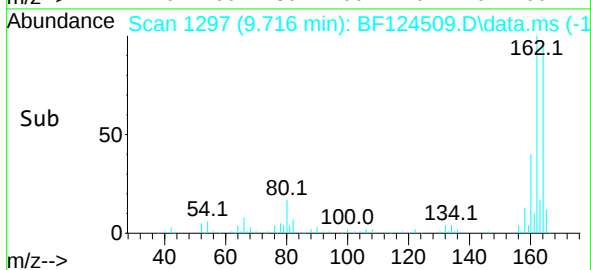
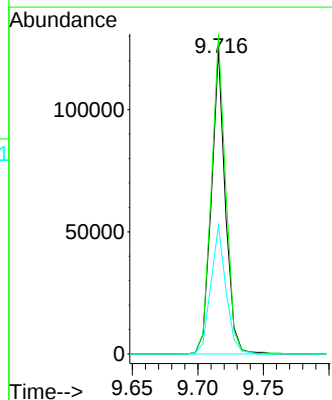
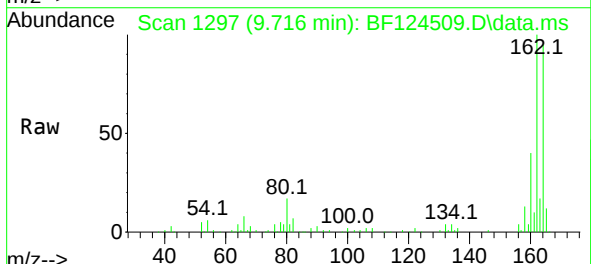
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ClientSampleId :  
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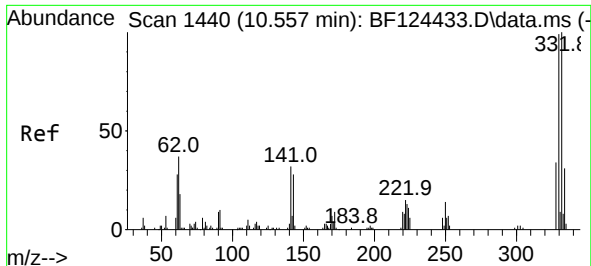
Tgt Ion: 82 Resp: 308013  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 11.8 17.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

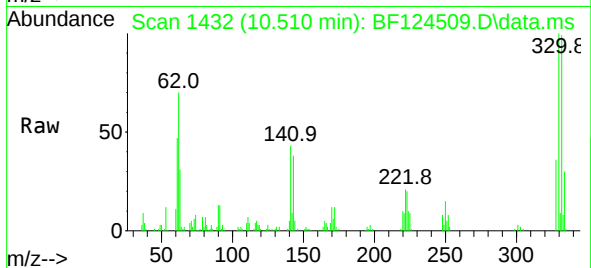
Tgt Ion: 164 Resp: 92556  
Ion Ratio Lower Upper  
164 100  
162 105.0 80.7 121.1  
160 42.3 37.3 55.9



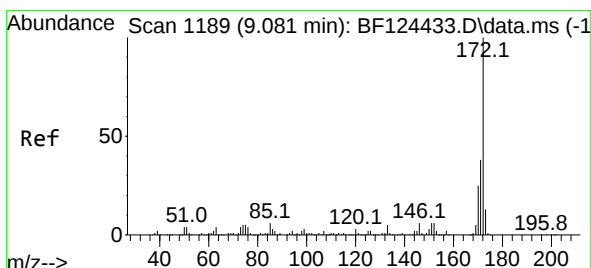
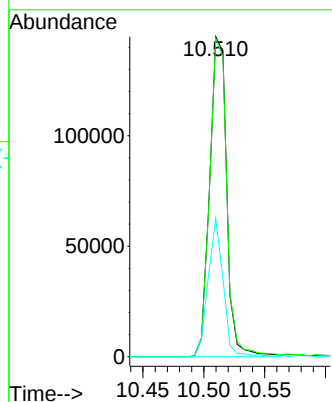
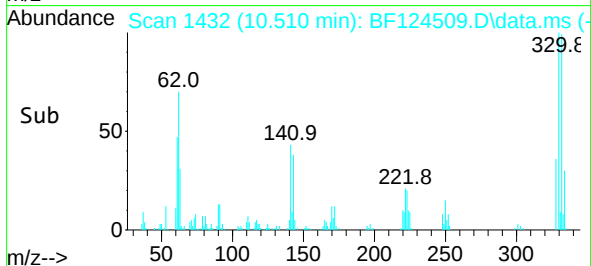


#42  
2,4,6-Tribromophenol  
Concen: 127.897 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.006 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

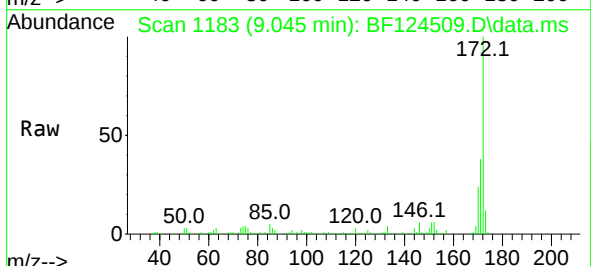
Instrument :  
BNA\_F  
ClientSampleId :  
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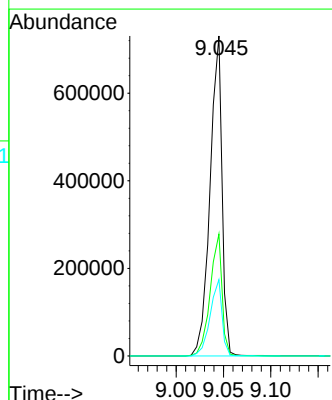
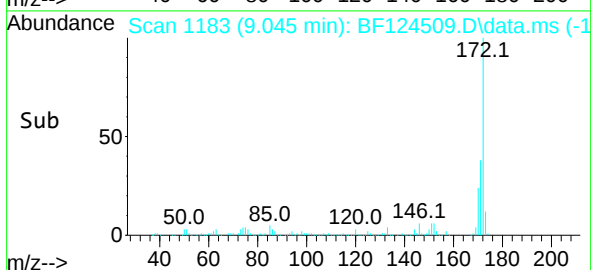
Tgt Ion:330 Resp: 141429  
Ion Ratio Lower Upper  
330 100  
332 101.1 77.1 115.7  
141 38.2 27.9 41.9

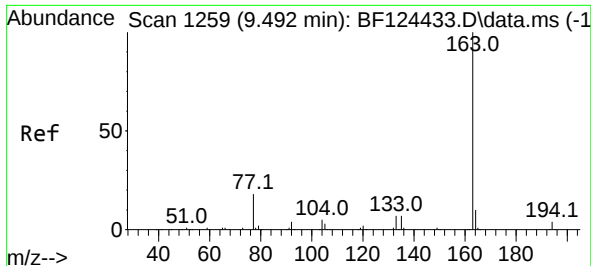


#45  
2-Fluorobiphenyl  
Concen: 85.095 ng  
RT: 9.045 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43



Tgt Ion:172 Resp: 642952  
Ion Ratio Lower Upper  
172 100  
171 38.1 28.1 42.1  
170 23.9 19.2 28.8

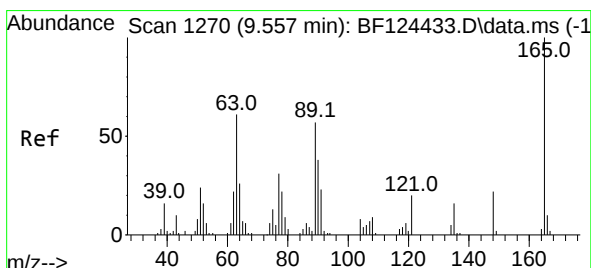
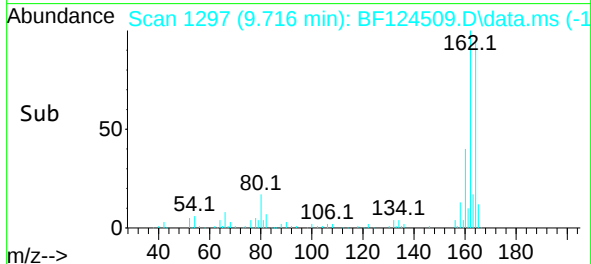
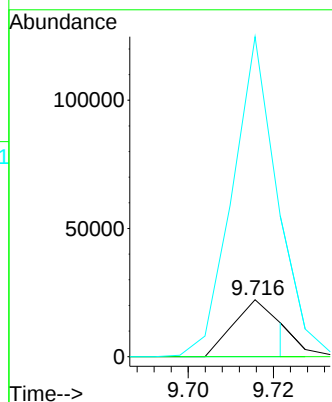
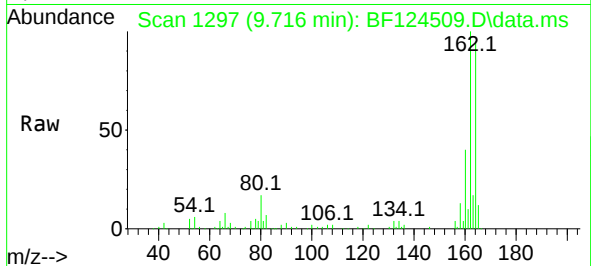




#50  
Dimethylphthalate  
Concen: 2.259 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. 0.265 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

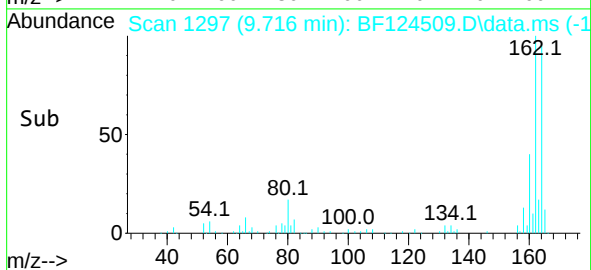
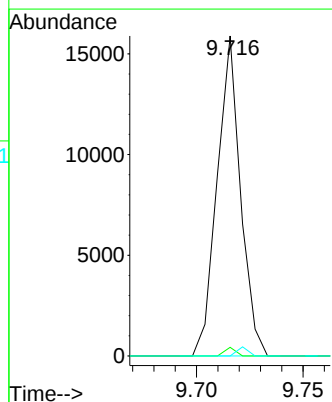
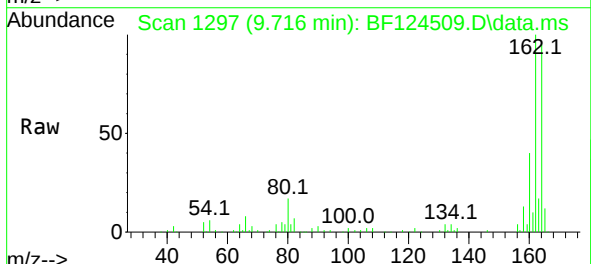
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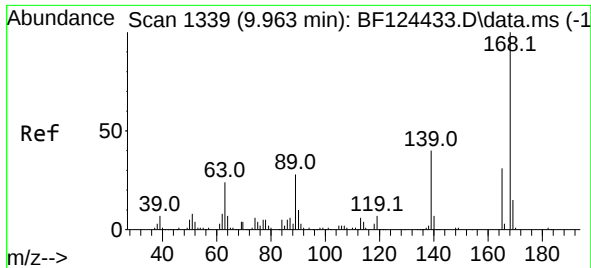
Tgt Ion:163 Resp: 16487  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.1 4.7#  
164 562.4 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 7.195 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. 0.194 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

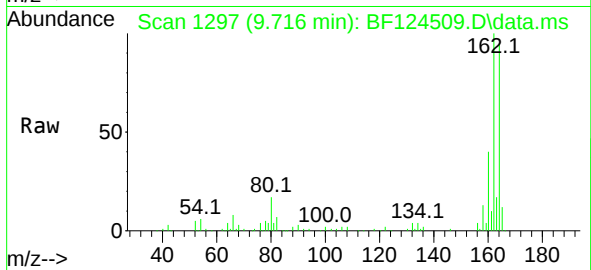
Tgt Ion:165 Resp: 12128  
Ion Ratio Lower Upper  
165 100  
63 2.7 67.7 101.5#  
89 0.0 58.8 88.2#



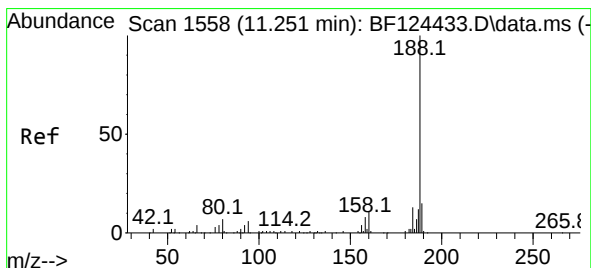
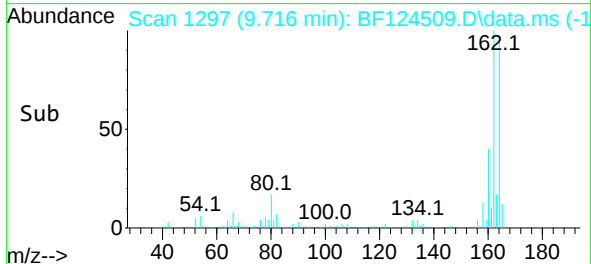
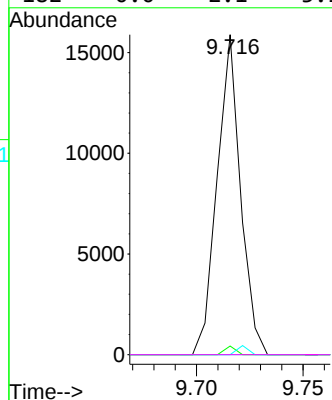


#57  
2,4-Dinitrotoluene  
Concen: 5.428 ng  
RT: 9.716 min Scan# 1297  
Delta R.T. -0.212 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

Instrument :  
BNA\_F  
ClientSampleId :  
PB137447TB

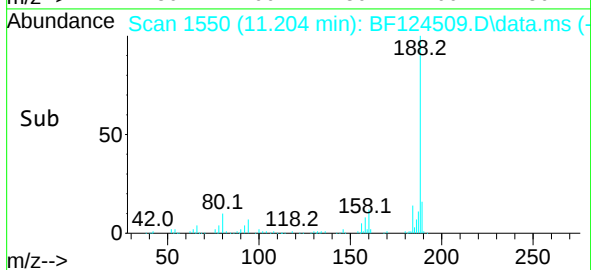
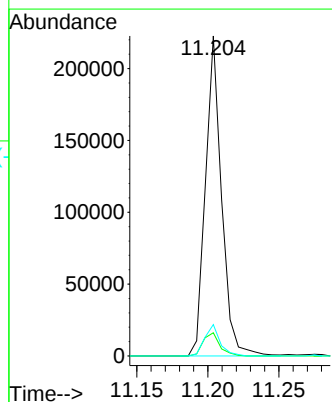
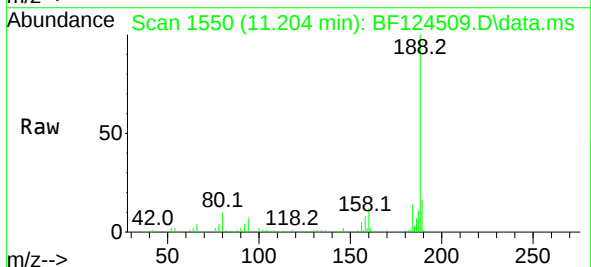


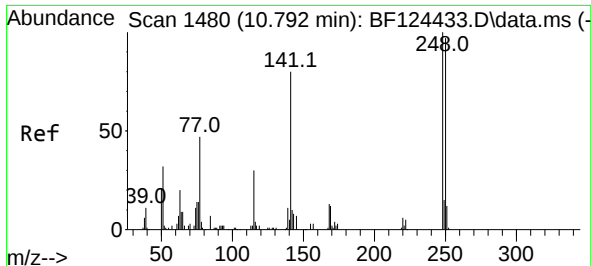
Tgt Ion:165 Resp: 12128  
Ion Ratio Lower Upper  
165 100  
63 2.7 43.5 65.3#  
89 0.0 67.7 101.5#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.204 min Scan# 1550  
Delta R.T. 0.000 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

Tgt Ion:188 Resp: 175884  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.9 10.3  
80 9.8 8.2 12.2

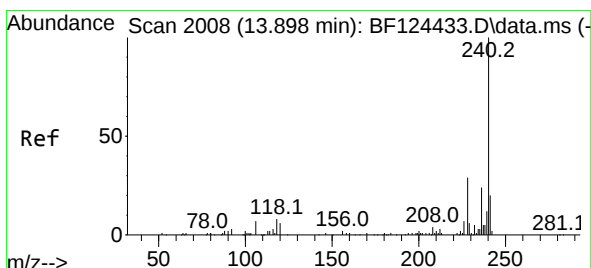
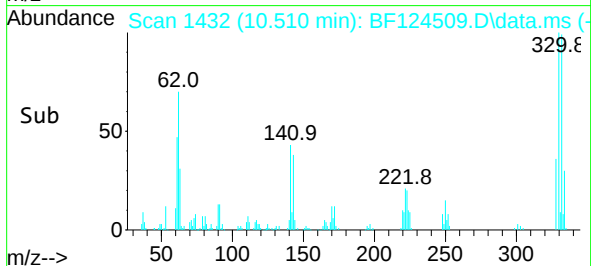
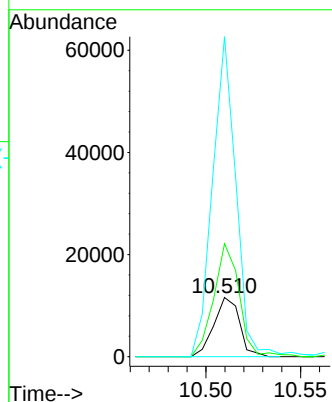
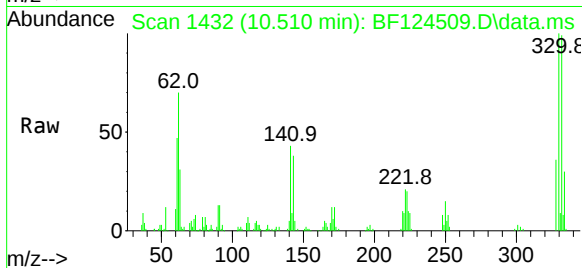




#67  
4-Bromophenyl-phenylether  
Concen: 4.621 ng  
RT: 10.510 min Scan# 1432  
Delta R.T. -0.241 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

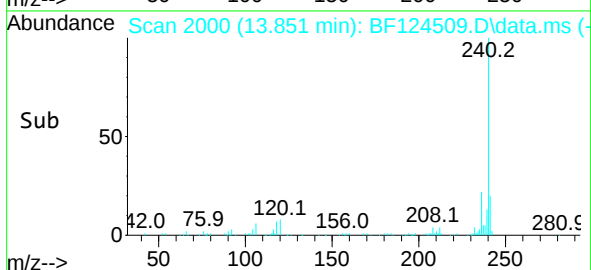
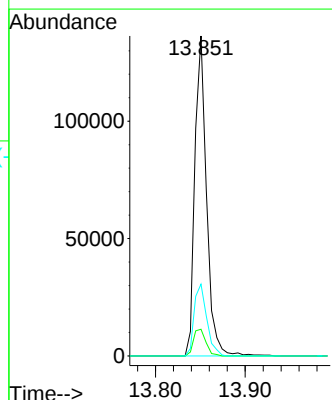
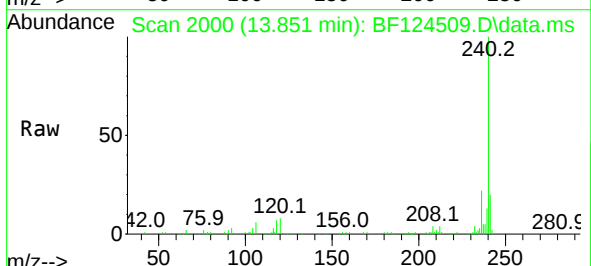
Instrument :  
BNA\_F  
ClientSampleId :  
PB137447TB

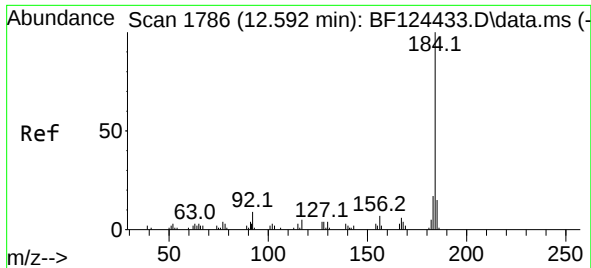
Tgt Ion:248 Resp: 10933  
Ion Ratio Lower Upper  
248 100  
250 190.9 77.4 116.2#  
141 540.6 63.7 95.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.851 min Scan# 2000  
Delta R.T. 0.000 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

Tgt Ion:240 Resp: 123831  
Ion Ratio Lower Upper  
240 100  
120 8.4 7.2 10.8  
236 22.5 19.0 28.4

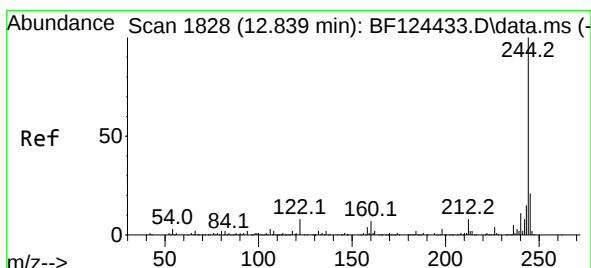
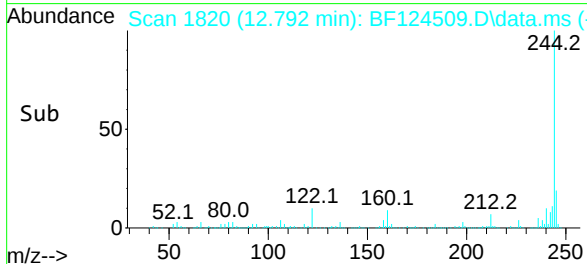
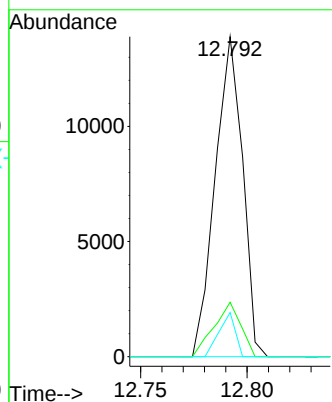
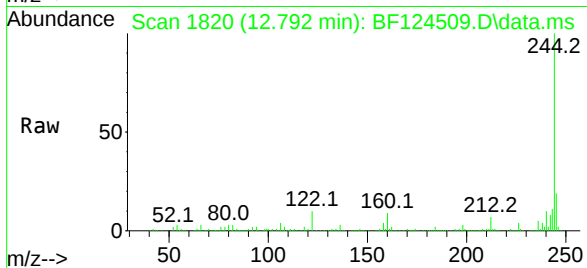




#77  
Benzidine  
Concen: 5.000 ng  
RT: 12.792 min Scan# 1820  
Delta R.T. 0.247 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

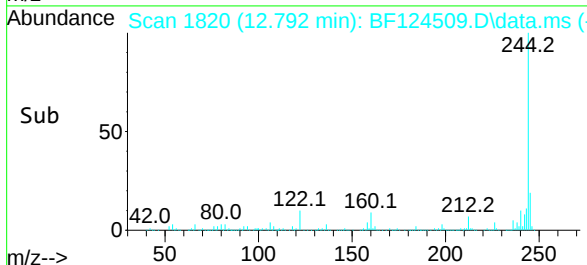
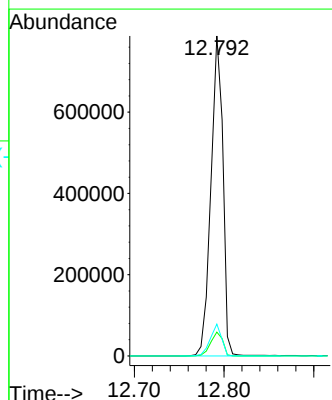
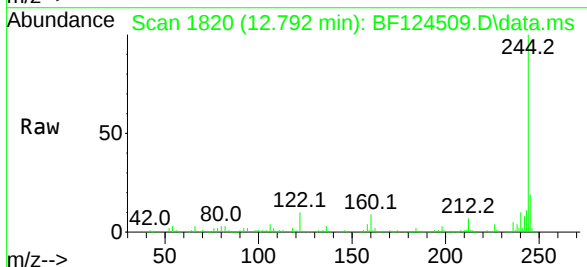
Instrument :  
BNA\_F  
ClientSampleId :  
PB137447TB

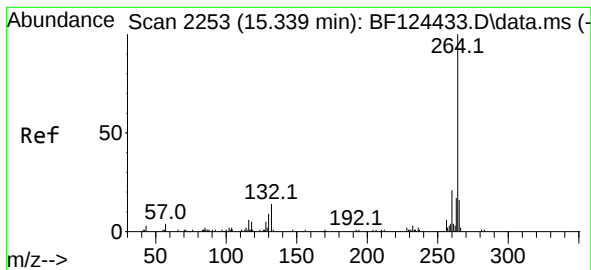
Tgt Ion:184 Resp: 12408  
Ion Ratio Lower Upper  
184 100  
185 17.0 12.1 18.1  
183 13.8 7.8 11.8#



#79  
Terphenyl-d14  
Concen: 88.312 ng  
RT: 12.792 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: BF124509.D  
Acq: 1 Jul 2021 13:43

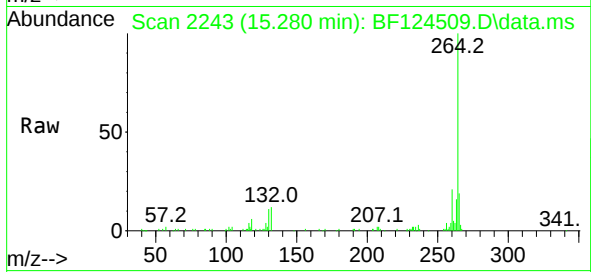
Tgt Ion:244 Resp: 730127  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.7 8.5  
122 9.9 9.7 14.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.280 min Scan# 2243  
 Delta R.T. 0.006 min  
 Lab File: BF124509.D  
 Acq: 1 Jul 2021 13:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB137447TB



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 92635 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 20.7  | 18.7  | 28.1  |
| 265       | 19.2  | 17.8  | 26.8  |

