

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011723\  
 Data File : BF132108.D  
 Acq On : 17 Jan 2023 22:54  
 Operator : CG\JU  
 Sample : PB150055BL  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB150055BL

Quant Time: Jan 18 05:50:51 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF011723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 18 00:47:03 2023  
 Response via : Initial Calibration

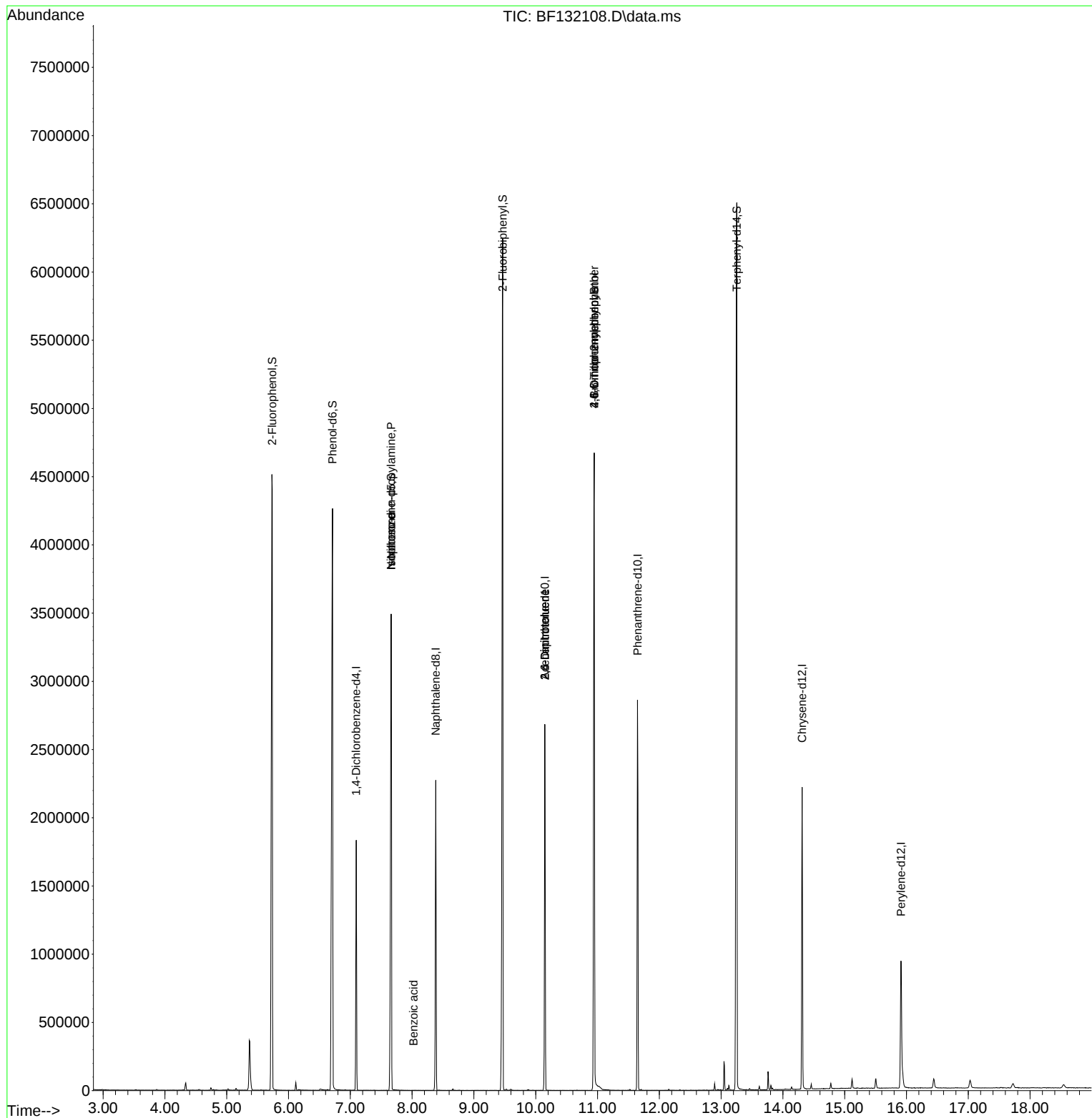
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.095  | 152  | 241430   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.383  | 136  | 904942   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 10.148 | 164  | 524591   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.648 | 188  | 1051011  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.312 | 240  | 750657   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.912 | 264  | 469883   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.737  | 112  | 1443786  | 107.006 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.713  | 99   | 1900309  | 109.188 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.660  | 82   | 1308792  | 80.862  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.948 | 330  | 621421   | 117.026 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.466  | 172  | 2121183  | 60.563  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.254 | 244  | 2788506  | 62.619  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.660  | 70   | 179826   | 16.222  | ng    | # 79     |
| 25) Isophorone                | 7.660  | 82   | 1303317  | 37.806  | ng    | # 66     |
| 32) Benzoic acid              | 8.025  | 122  | 72       | 7.012   | ng    | # 58     |
| 51) 2,6-Dinitrotoluene        | 10.148 | 165  | 68693    | 9.503   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 10.148 | 165  | 68693    | 7.799   | ng    | # 22     |
| 65) 4,6-Dinitro-2-methylph... | 10.948 | 198  | 1919     | 5.050   | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.948 | 248  | 40421    | 3.436   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

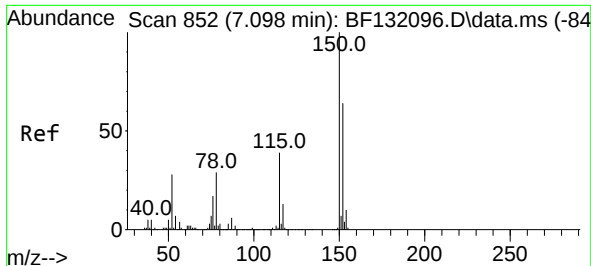
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011723\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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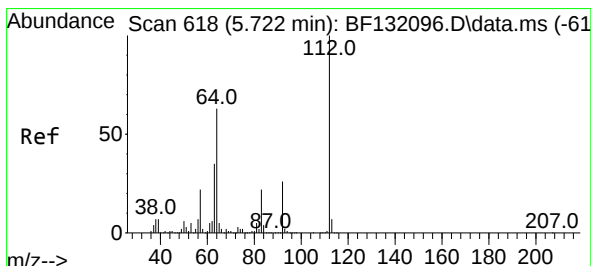
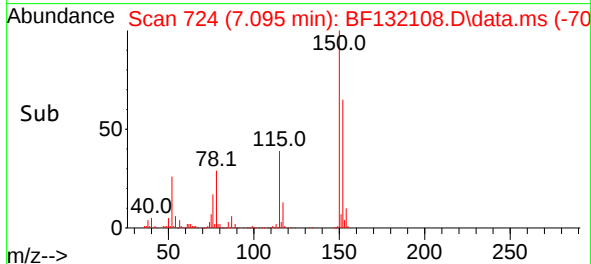
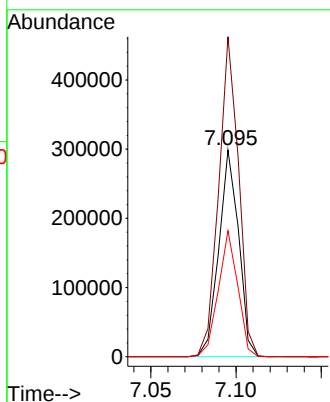
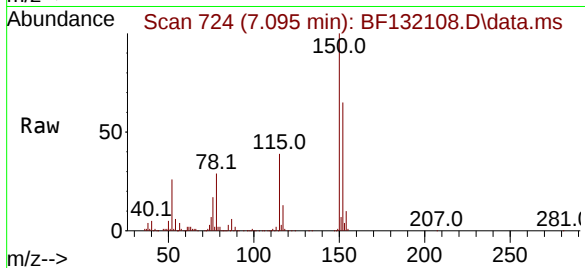




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.095 min Scan# 70  
Delta R.T. -0.003 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

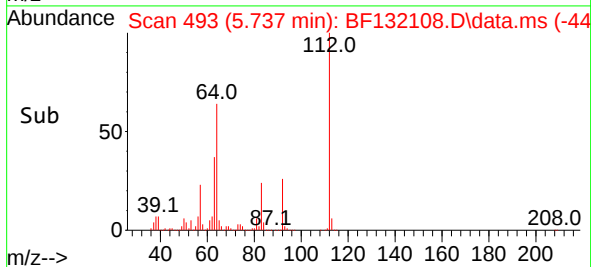
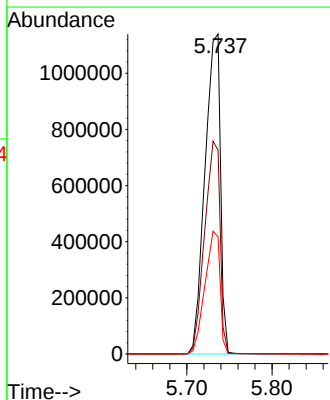
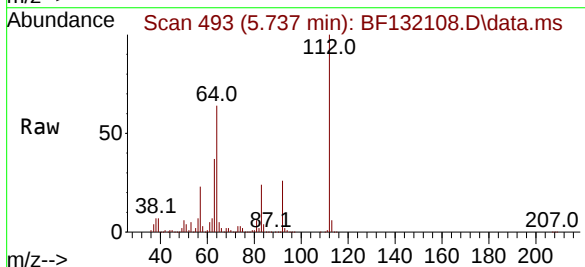
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ClientSampleId :  
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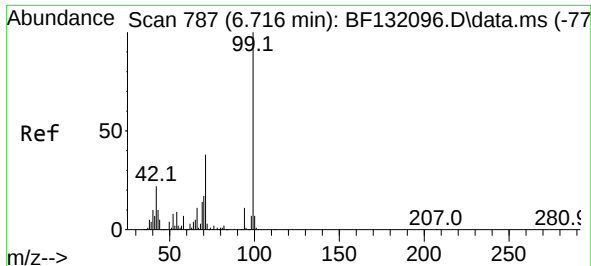
Tgt Ion:152 Resp: 241430  
Ion Ratio Lower Upper  
152 100  
150 154.8 124.7 187.1  
115 60.9 49.1 73.7



#5  
2-Fluorophenol  
Concen: 107.006 ng  
RT: 5.737 min Scan# 493  
Delta R.T. 0.015 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

Tgt Ion:112 Resp: 1443786  
Ion Ratio Lower Upper  
112 100  
64 63.7 50.5 75.7  
63 36.6 28.0 42.0

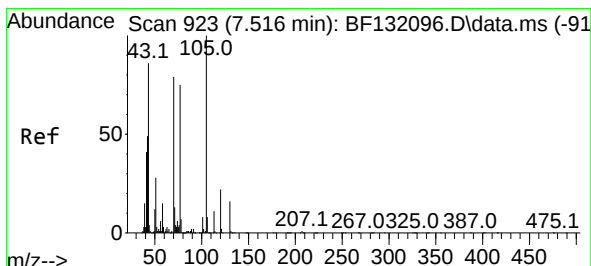
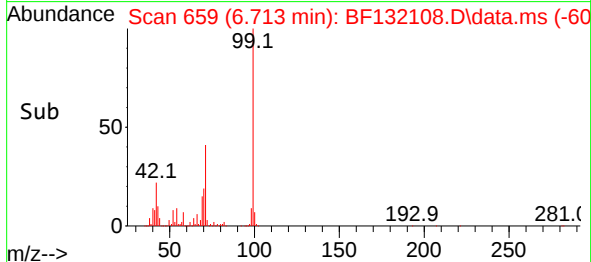
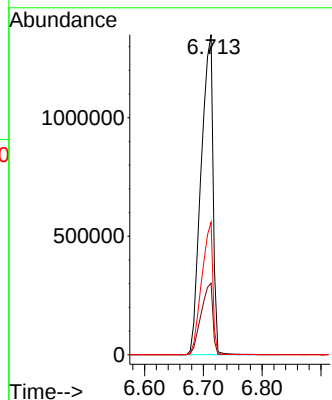
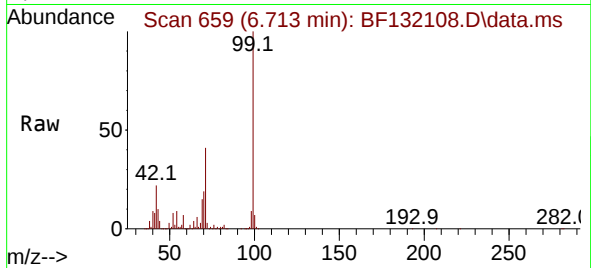




#7  
Phenol-d6  
Concen: 109.188 ng  
RT: 6.713 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

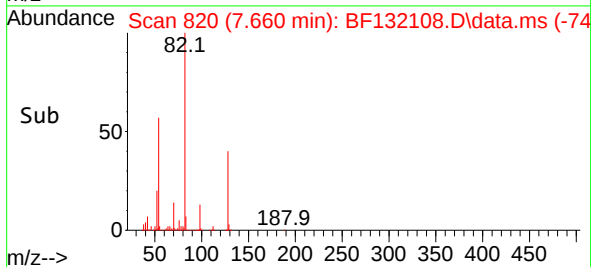
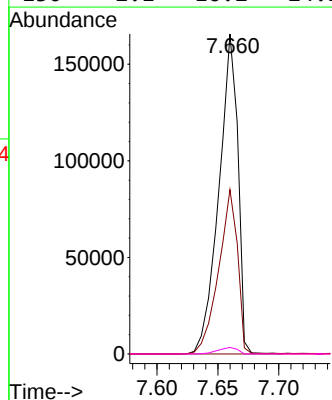
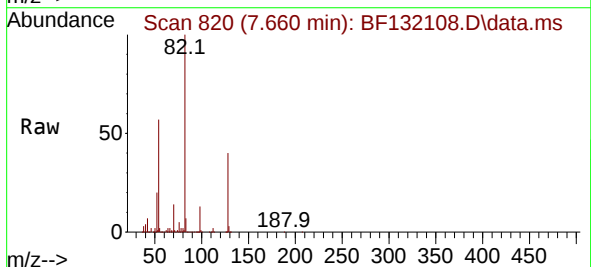
Instrument :  
BNA\_F  
ClientSampleId :  
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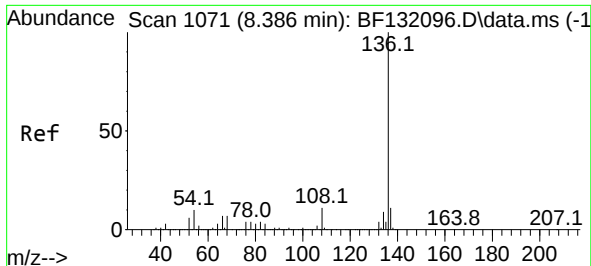
Tgt Ion: 99 Resp: 1900309  
Ion Ratio Lower Upper  
99 100  
42 22.3 17.2 25.8  
71 41.4 30.4 45.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.222 ng  
RT: 7.660 min Scan# 820  
Delta R.T. 0.144 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

Tgt Ion: 70 Resp: 179826  
Ion Ratio Lower Upper  
70 100  
42 51.4 50.1 75.1  
101 0.0 7.8 11.8#  
130 2.1 16.2 24.2#

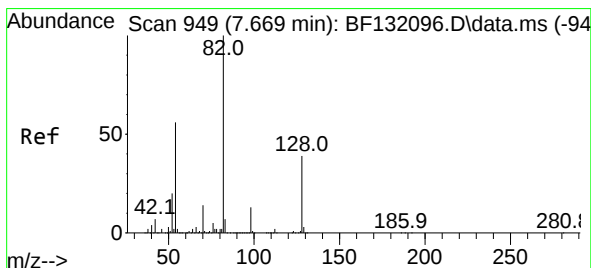
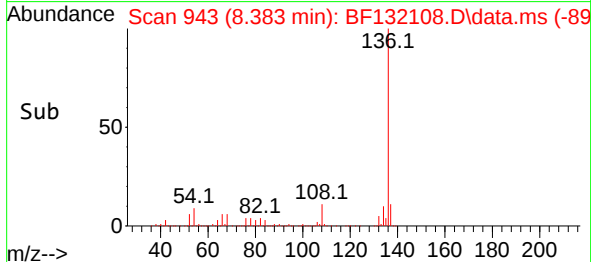
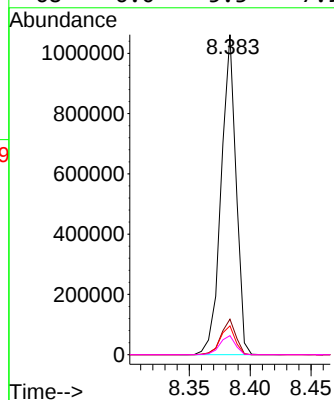
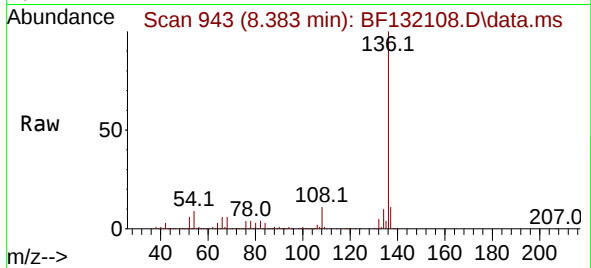




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.383 min Scan# 94  
Delta R.T. -0.003 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

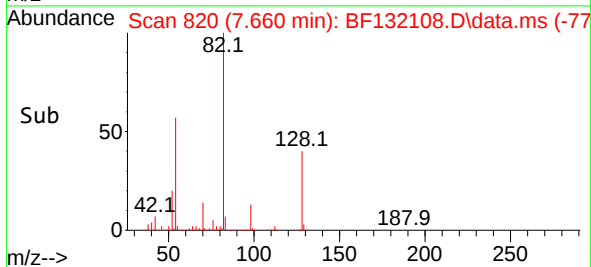
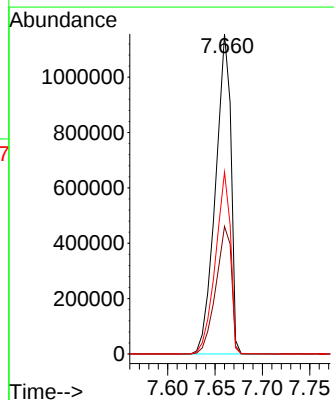
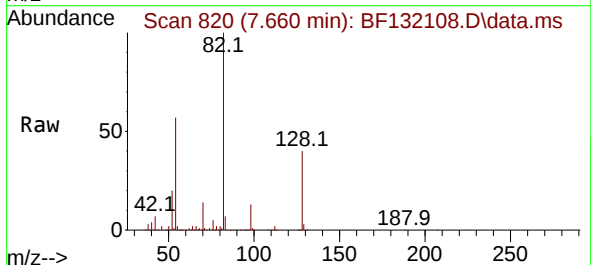
Instrument :  
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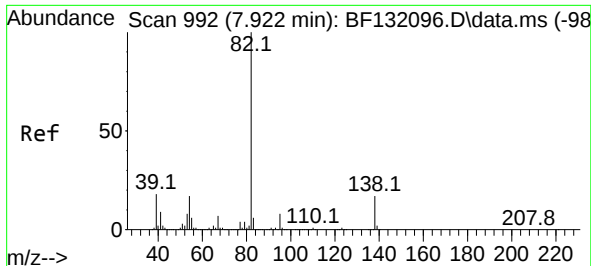
Tgt Ion:136 Resp: 904942  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.1 13.7  
54 9.0 7.9 11.9  
68 6.0 5.3 7.9



#23  
Nitrobenzene-d5  
Concen: 80.862 ng  
RT: 7.660 min Scan# 820  
Delta R.T. -0.009 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

Tgt Ion: 82 Resp: 1308792  
Ion Ratio Lower Upper  
82 100  
128 39.9 31.2 46.8  
54 56.8 45.1 67.7

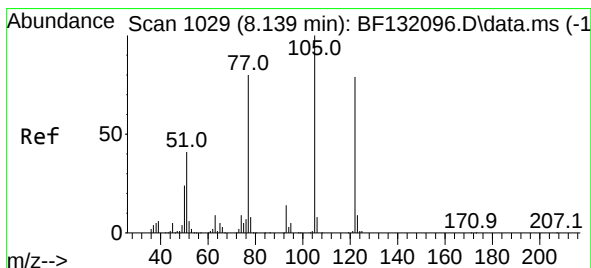
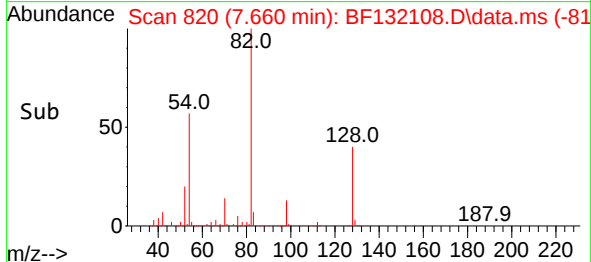
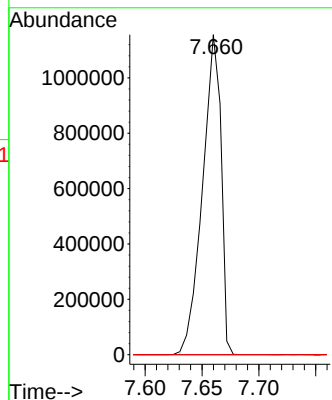
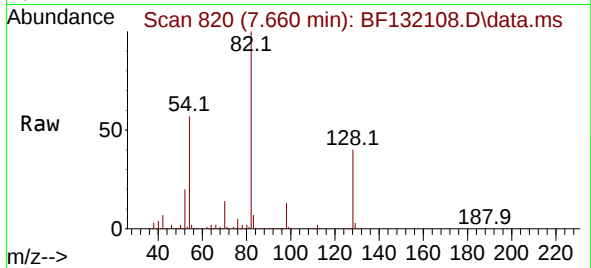




#25  
Isophorone  
Concen: 37.806 ng  
RT: 7.660 min Scan# 81  
Delta R.T. -0.262 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

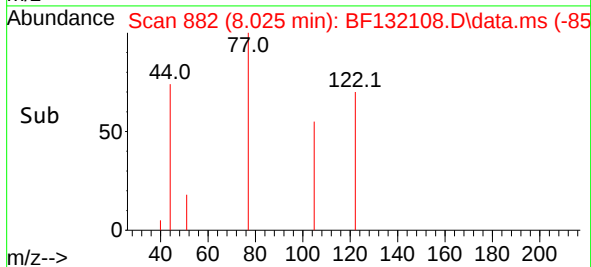
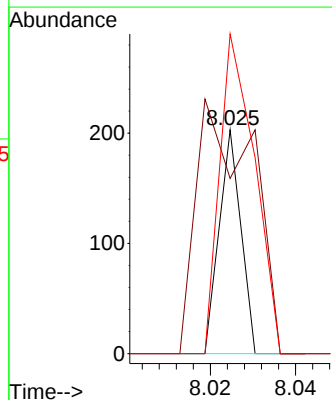
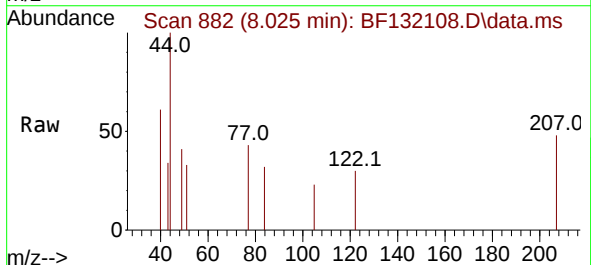
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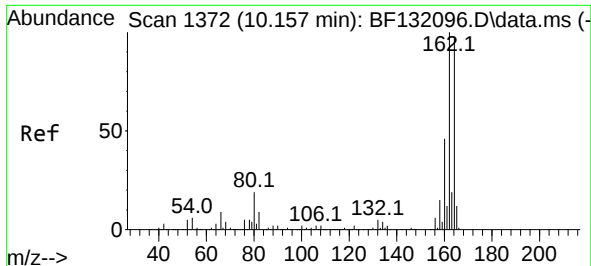
Tgt Ion: 82 Resp: 1303317  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.3 9.5#  
138 0.0 13.4 20.0#



#32  
Benzoic acid  
Concen: 7.012 ng  
RT: 8.025 min Scan# 882  
Delta R.T. -0.114 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

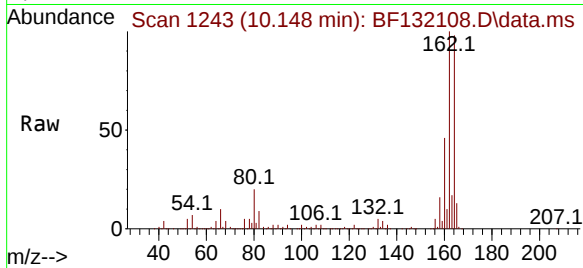
Tgt Ion:122 Resp: 72  
Ion Ratio Lower Upper  
122 100  
105 78.3 105.0 145.0#  
77 142.9 80.1 120.1#



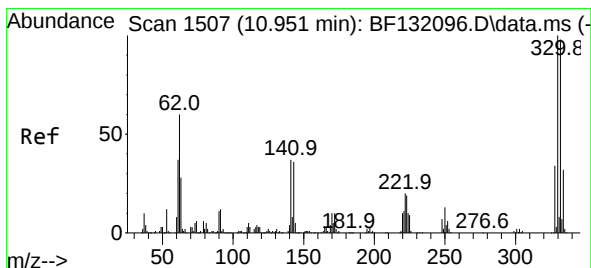
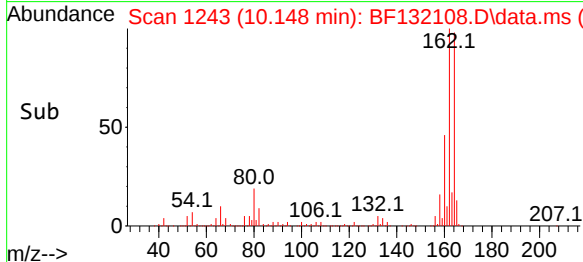
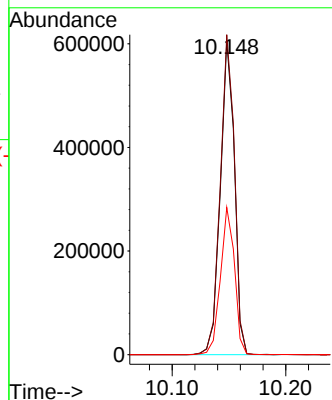


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.148 min Scan# 11  
Delta R.T. -0.009 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB150055BL

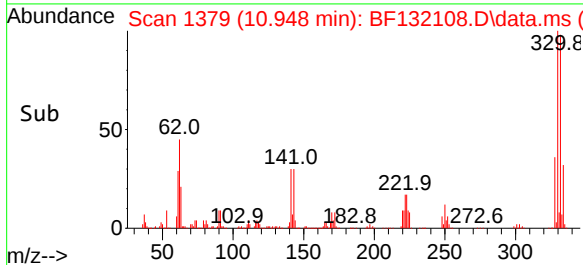
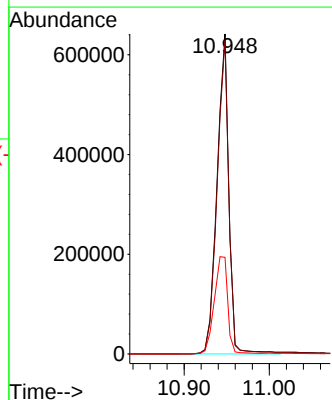
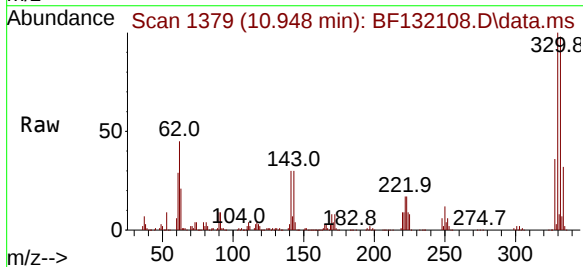


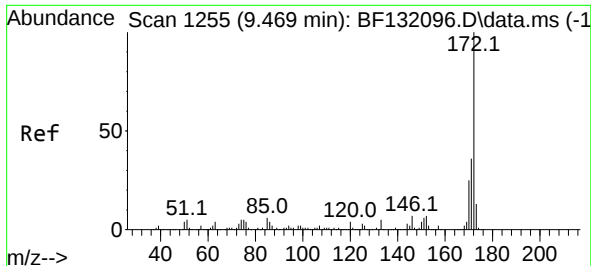
Tgt Ion:164 Resp: 524591  
Ion Ratio Lower Upper  
164 100  
162 102.0 82.5 123.7  
160 46.9 38.2 57.2



#42  
2,4,6-Tribromophenol  
Concen: 117.026 ng  
RT: 10.948 min Scan# 1379  
Delta R.T. -0.003 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

Tgt Ion:330 Resp: 621421  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.2 115.8  
141 34.6 29.4 44.0





#45

2-Fluorobiphenyl

Concen: 60.563 ng

RT: 9.466 min Scan# 1127

Delta R.T. -0.003 min

Lab File: BF132108.D

Acq: 17 Jan 2023 22:54

Instrument :

BNA\_F

ClientSampleId :

PB150055BL

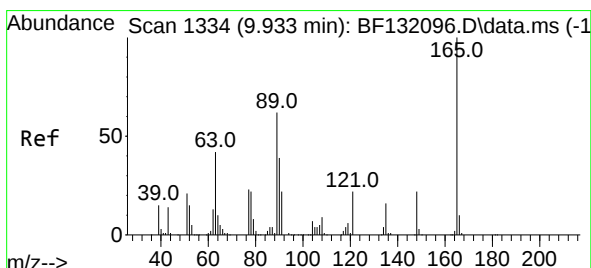
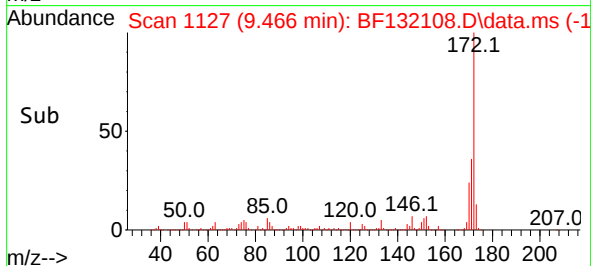
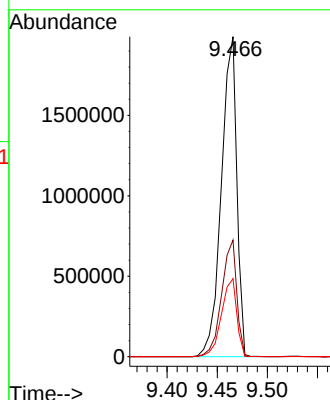
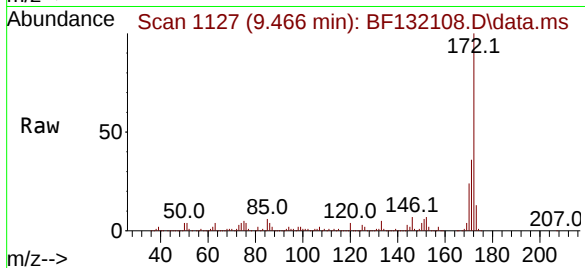
Tgt Ion:172 Resp: 2121183

Ion Ratio Lower Upper

172 100

171 36.5 28.9 43.3

170 24.4 19.8 29.6



#51

2,6-Dinitrotoluene

Concen: 9.503 ng

RT: 10.148 min Scan# 1243

Delta R.T. 0.215 min

Lab File: BF132108.D

Acq: 17 Jan 2023 22:54

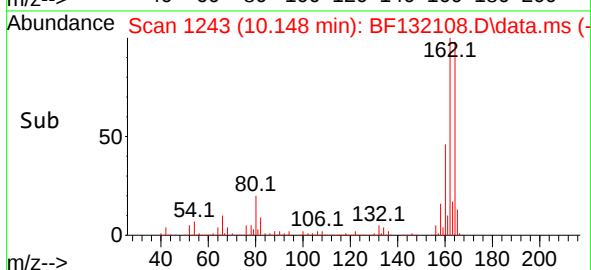
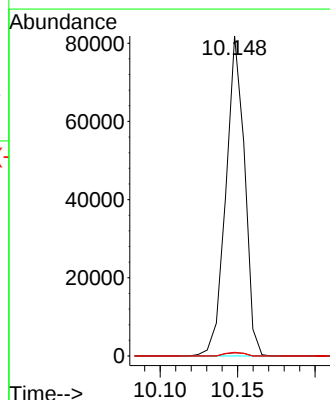
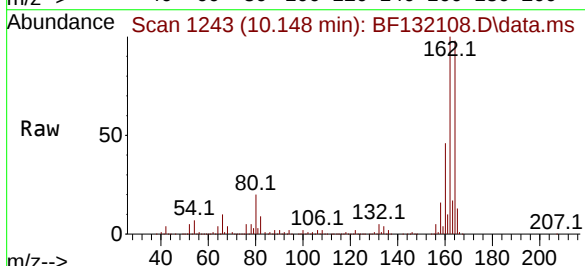
Tgt Ion:165 Resp: 68693

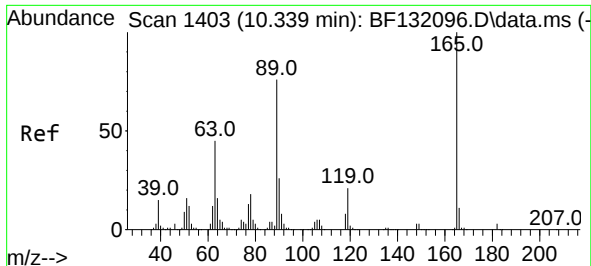
Ion Ratio Lower Upper

165 100

63 1.0 48.7 73.1#

89 1.1 50.0 75.0#

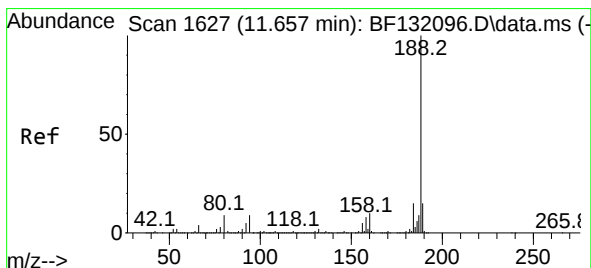
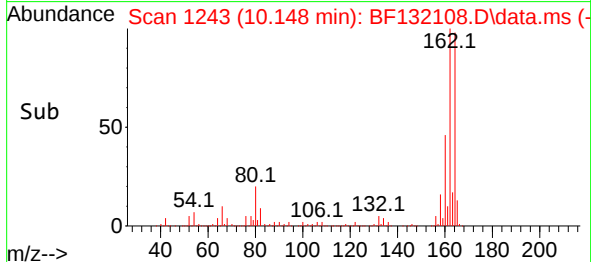
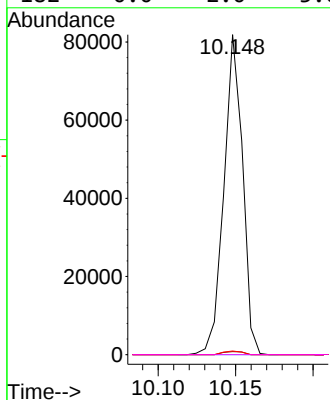
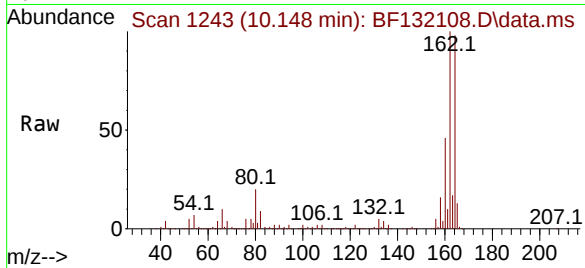




#57  
2,4-Dinitrotoluene  
Concen: 7.799 ng  
RT: 10.148 min Scan# 1498  
Delta R.T. -0.191 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

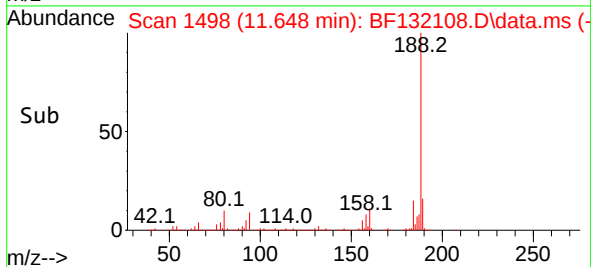
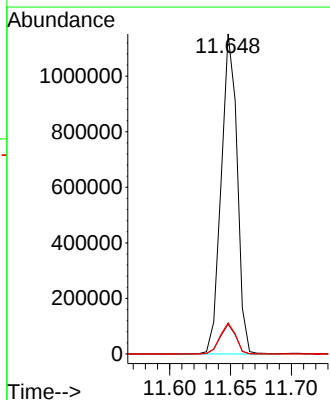
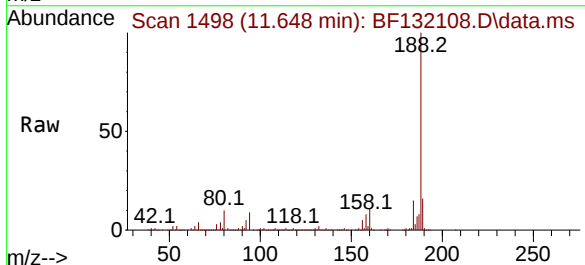
Instrument :  
BNA\_F  
ClientSampleId :  
PB150055BL

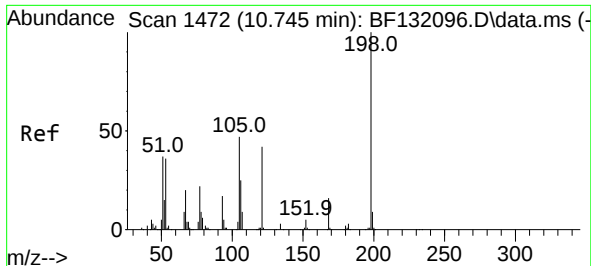
Tgt Ion:165 Resp: 68693  
Ion Ratio Lower Upper  
165 100  
63 1.0 36.1 54.1#  
89 1.1 60.8 91.2#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.648 min Scan# 1498  
Delta R.T. -0.009 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

Tgt Ion:188 Resp: 1051011  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.1 10.7  
80 9.7 7.2 10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 5.050 ng

RT: 10.948 min Scan# 1379

Delta R.T. 0.203 min

Lab File: BF132108.D

Acq: 17 Jan 2023 22:54

Instrument :

BNA\_F

ClientSampleId :

PB150055BL

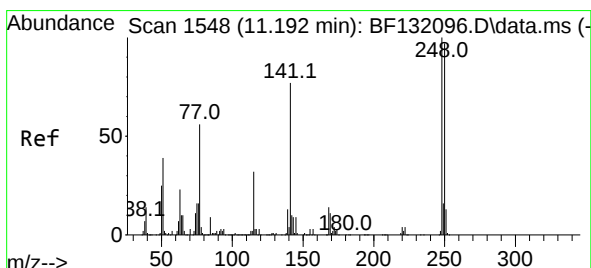
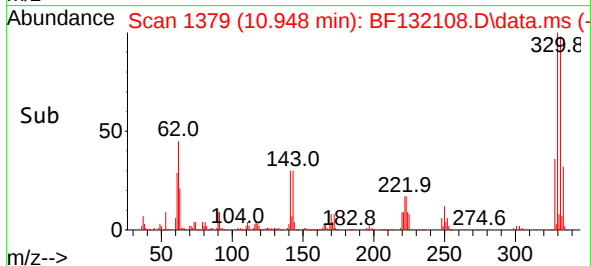
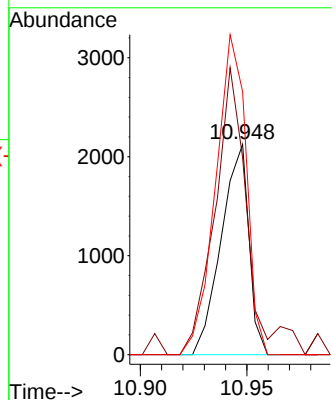
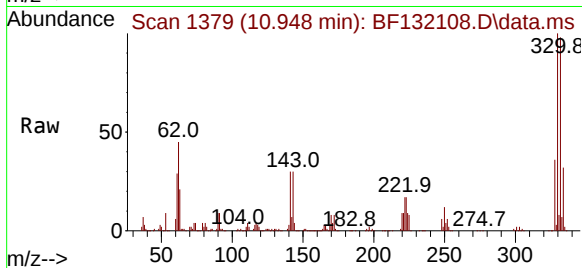
Tgt Ion:198 Resp: 1919

Ion Ratio Lower Upper

198 100

51 93.7 35.7 75.7#

105 125.1 28.0 68.0#



#67

4-Bromophenyl-phenylether

Concen: 3.436 ng

RT: 10.948 min Scan# 1379

Delta R.T. -0.244 min

Lab File: BF132108.D

Acq: 17 Jan 2023 22:54

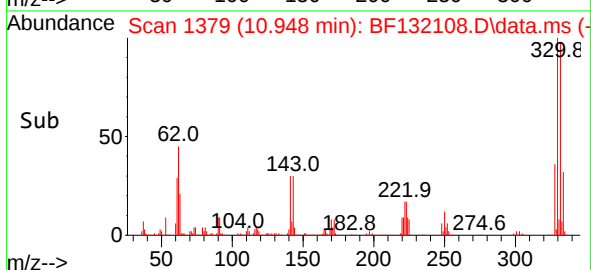
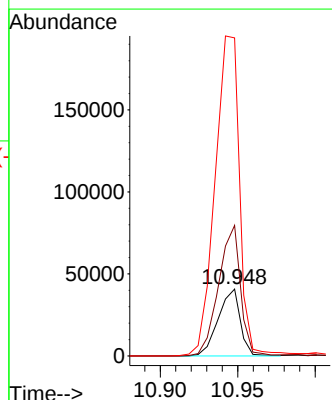
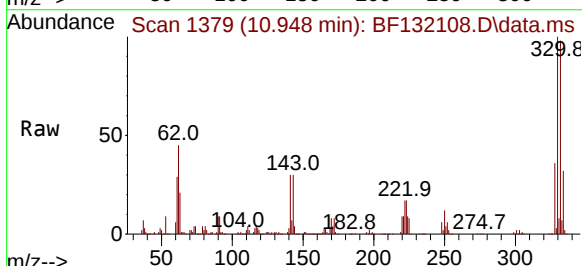
Tgt Ion:248 Resp: 40421

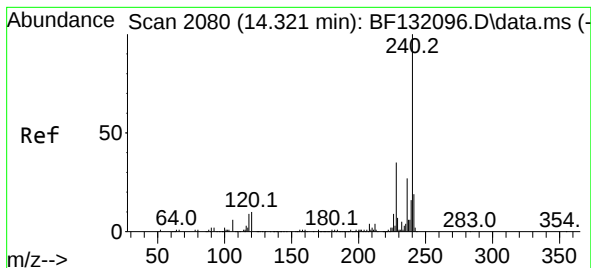
Ion Ratio Lower Upper

248 100

250 195.0 77.8 116.8#

141 475.4 61.8 92.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.312 min Scan# 14

Delta R.T. -0.009 min

Lab File: BF132108.D

Acq: 17 Jan 2023 22:54

Instrument :

BNA\_F

ClientSampleId :

PB150055BL

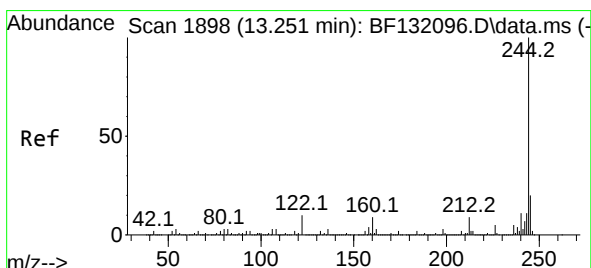
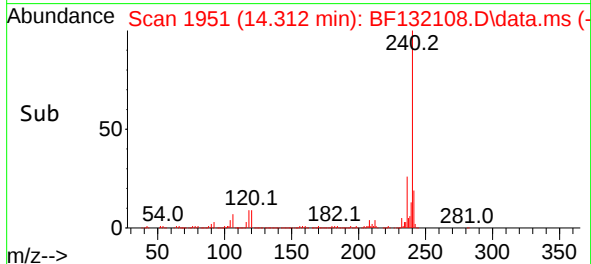
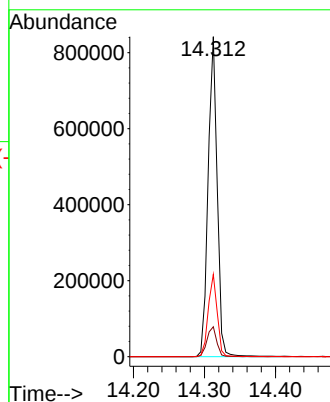
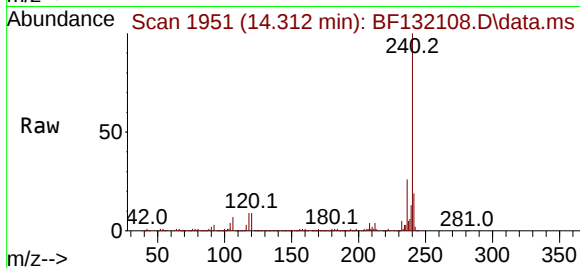
Tgt Ion:240 Resp: 750657

Ion Ratio Lower Upper

240 100

120 9.3 7.8 11.8

236 25.7 21.3 31.9



#79

Terphenyl-d14

Concen: 62.619 ng

RT: 13.254 min Scan# 1771

Delta R.T. 0.003 min

Lab File: BF132108.D

Acq: 17 Jan 2023 22:54

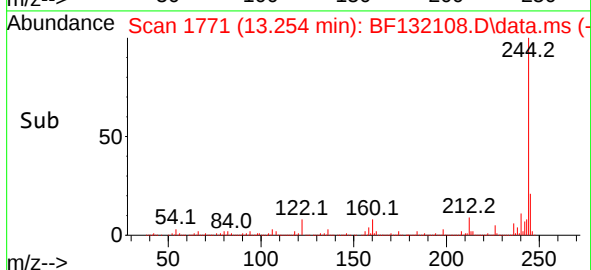
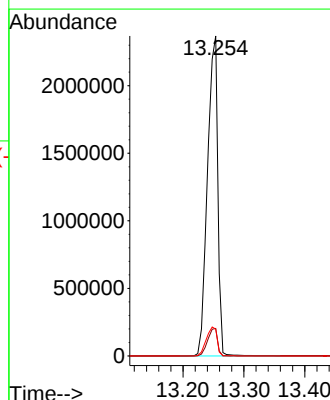
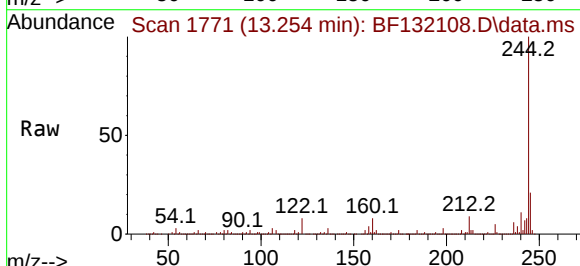
Tgt Ion:244 Resp: 2788506

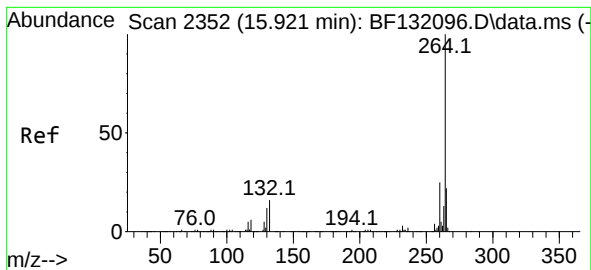
Ion Ratio Lower Upper

244 100

212 8.6 7.1 10.7

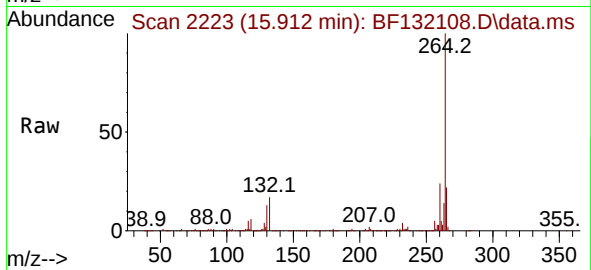
122 8.4 8.0 12.0





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.912 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BF132108.D  
Acq: 17 Jan 2023 22:54

Instrument :  
BNA\_F  
ClientSampleId :  
PB150055BL



Tgt Ion:264 Resp: 469883  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 19.7  | 29.5  |
| 265 | 21.8  | 17.3  | 25.9  |

