

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100623\  
 Data File : BF135632.D  
 Acq On : 06 Oct 2023 16:48  
 Operator : CG\JU  
 Sample : 04764-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Oct 07 01:49:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 04 17:06:20 2023  
 Response via : Initial Calibration

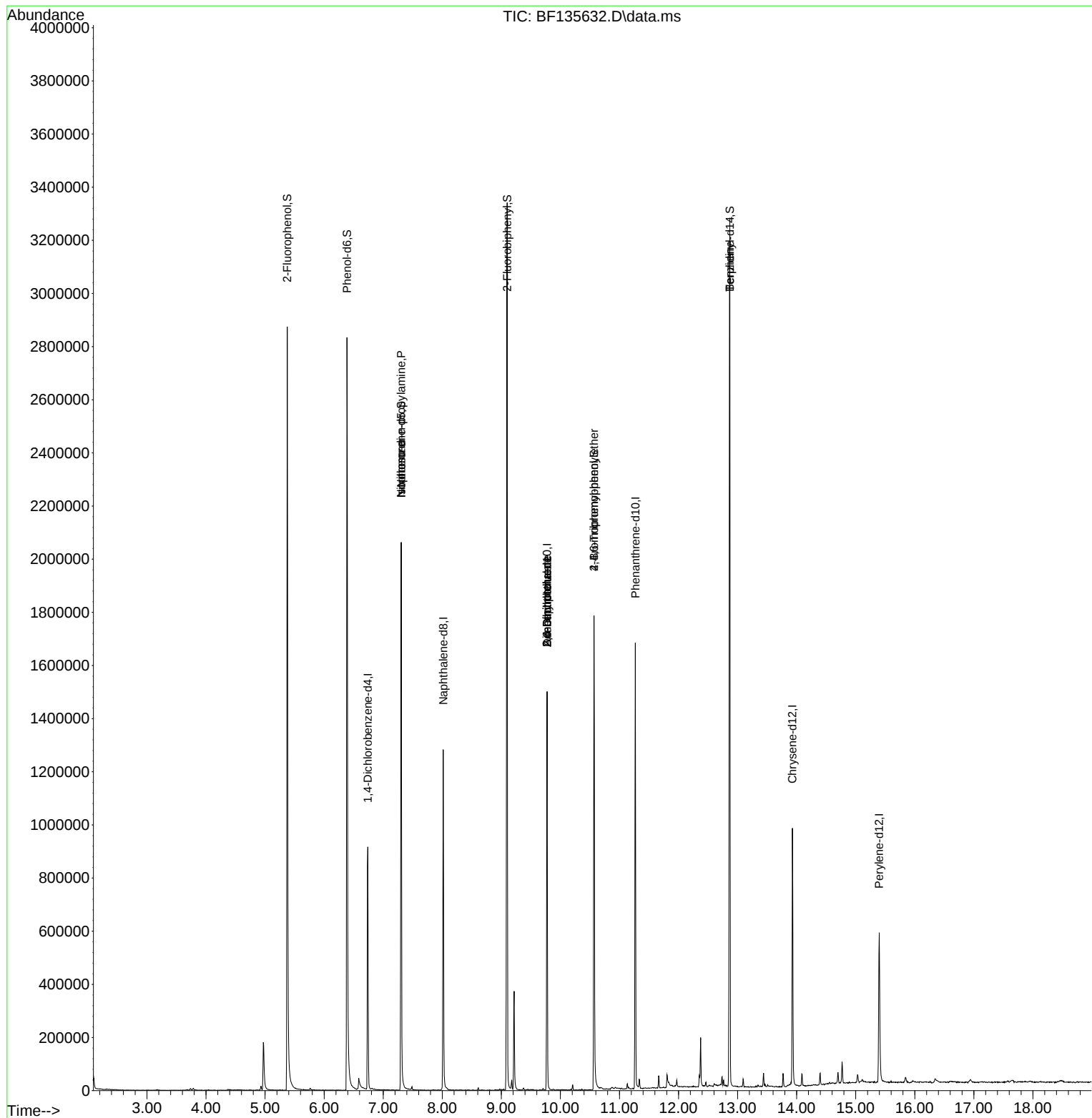
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.740  | 152  | 141359   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.016  | 136  | 557443   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.775  | 164  | 288906   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.269 | 188  | 572892   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 13.927 | 240  | 332571   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.398 | 264  | 284400   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 814862   | 93.756 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.387  | 99   | 1012612  | 91.627 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.304  | 82   | 619592   | 60.387 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.569 | 330  | 217920   | 75.903 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 1139714  | 59.518 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.869 | 244  | 1243522  | 57.963 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.304  | 70   | 83556    | 12.206 | ng    | # 81     |
| 25) Isophorone                | 7.304  | 82   | 619586   | 32.885 | ng    | # 65     |
| 50) Dimethylphthalate         | 9.775  | 163  | 57695    | 2.954  | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.775  | 165  | 38265    | 8.942  | ng    | # 17     |
| 57) 2,4-Dinitrotoluene        | 9.775  | 165  | 38265    | 7.143  | ng    | # 19     |
| 67) 4-Bromophenyl-phenylether | 10.569 | 248  | 13428    | 2.357  | ng    | # 1      |
| 77) Benzidine                 | 12.869 | 184  | 15609    | 2.291  | ng    | # 95     |
| -----                         |        |      |          |        |       |          |

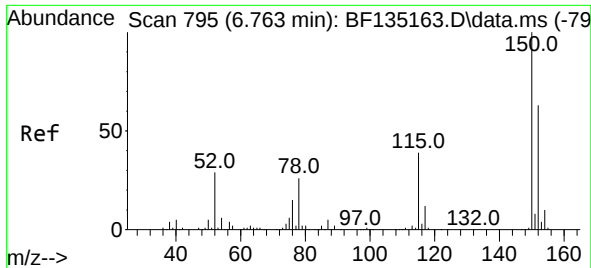
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF100623\  
Data File : BF135632.D  
Acq On : 06 Oct 2023 16:48  
Operator : CG\JU  
Sample : 04764-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

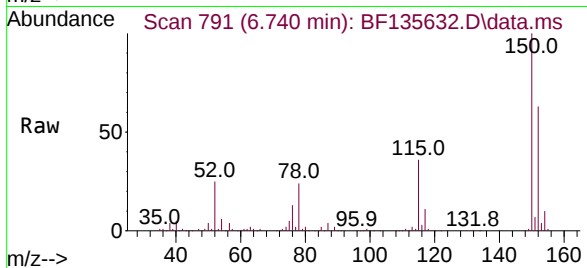
Quant Time: Oct 07 01:49:26 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 04 17:06:20 2023  
Response via : Initial Calibration



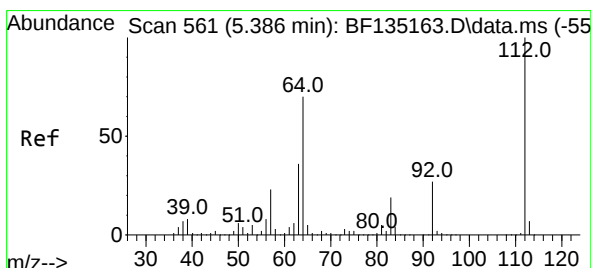
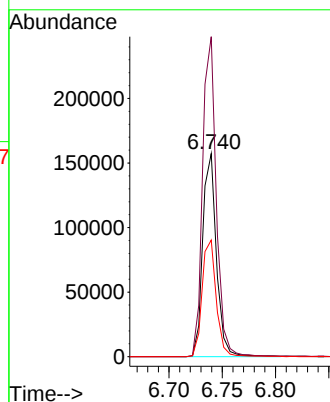
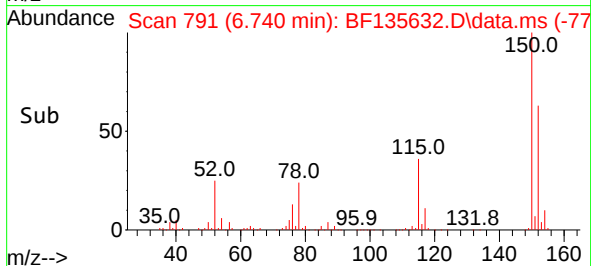


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.740 min Scan# 795  
Delta R.T. 0.001 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

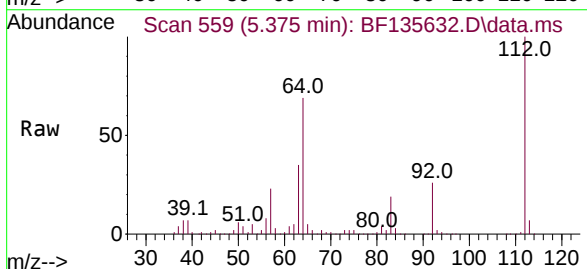
Instrument :  
BNA\_F  
ClientSampleId :



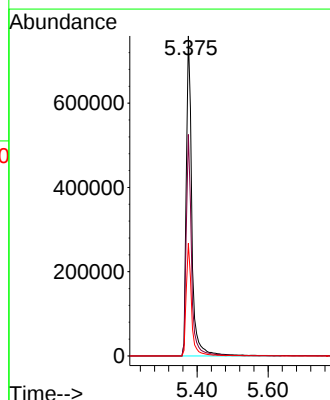
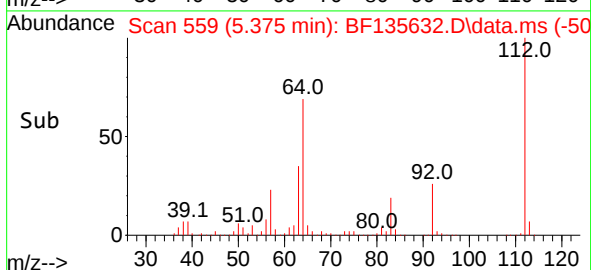
Tgt Ion:152 Resp: 141359  
Ion Ratio Lower Upper  
152 100  
150 157.6 127.8 191.6  
115 57.5 49.8 74.8



#5  
2-Fluorophenol  
Concen: 93.756 ng  
RT: 5.375 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48



Tgt Ion:112 Resp: 814862  
Ion Ratio Lower Upper  
112 100  
64 69.2 55.9 83.9  
63 35.2 29.0 43.6

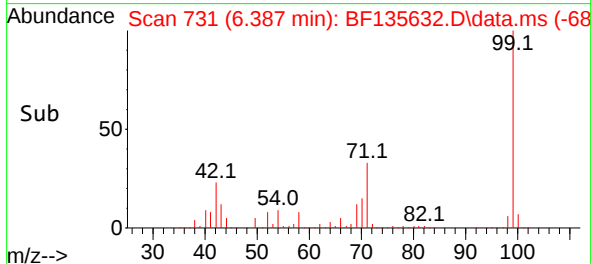
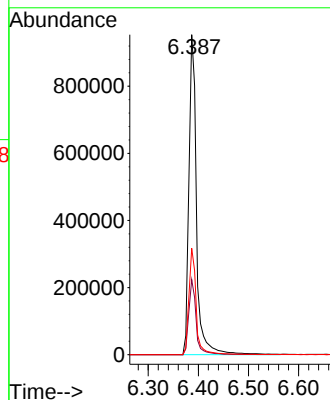
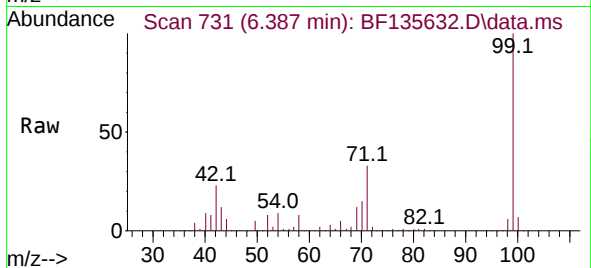




#7  
Phenol-d6  
Concen: 91.627 ng  
RT: 6.387 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

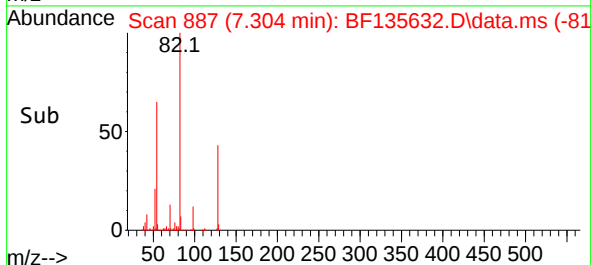
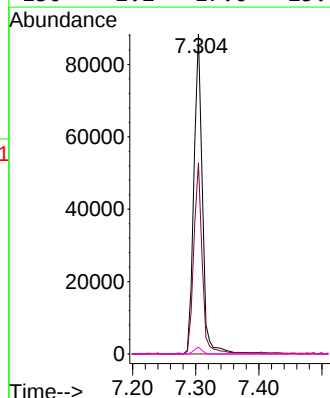
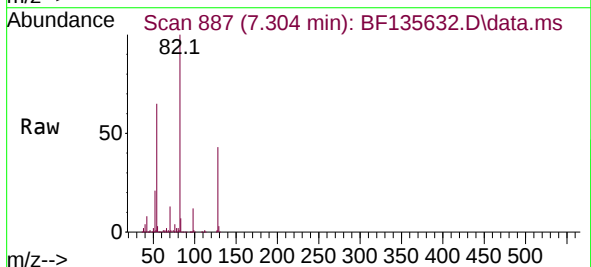
Instrument :  
BNA\_F  
ClientSampleId :

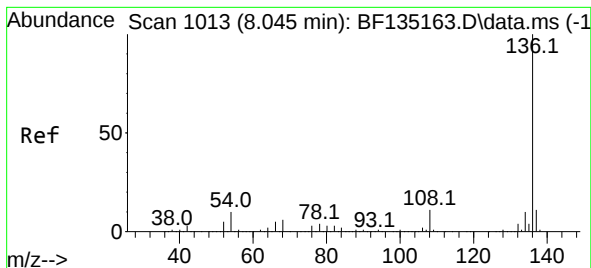
Tgt Ion: 99 Resp: 1012612  
Ion Ratio Lower Upper  
99 100  
42 23.5 17.9 26.9  
71 33.2 27.0 40.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.206 ng  
RT: 7.304 min Scan# 887  
Delta R.T. 0.147 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

Tgt Ion: 70 Resp: 83556  
Ion Ratio Lower Upper  
70 100  
42 59.8 55.4 83.0  
101 0.0 7.7 11.5#  
130 2.2 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1013

Delta R.T. 0.000 min

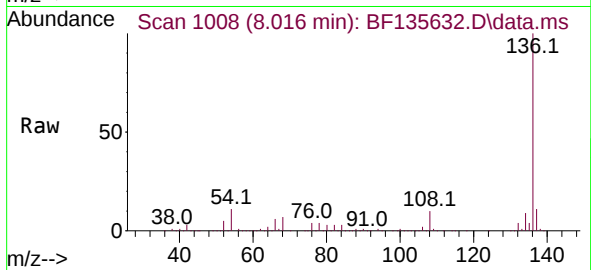
Lab File: BF135632.D

Acq: 06 Oct 2023 16:48

Instrument :

BNA\_F

ClientSampleId :



Tgt Ion:136 Resp: 557443

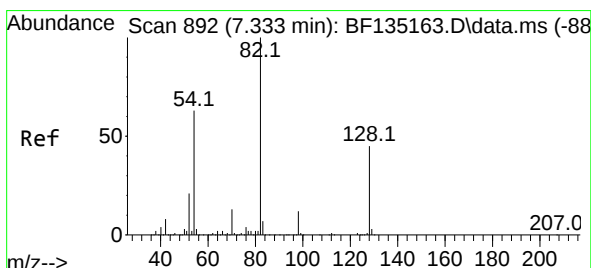
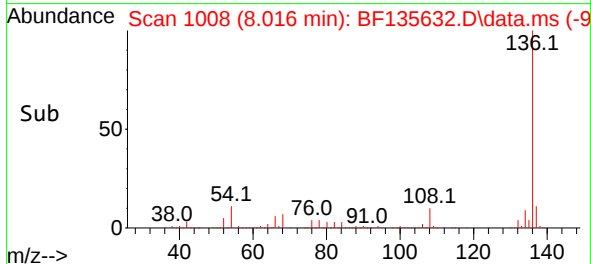
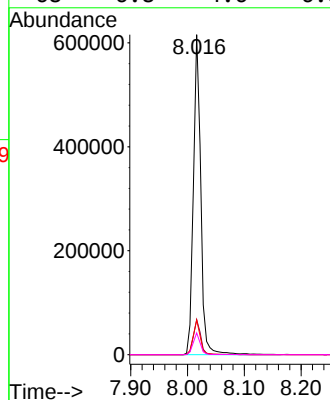
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.9 7.7 11.5

68 6.8 4.6 6.8



#23

Nitrobenzene-d5

Concen: 60.387 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF135632.D

Acq: 06 Oct 2023 16:48

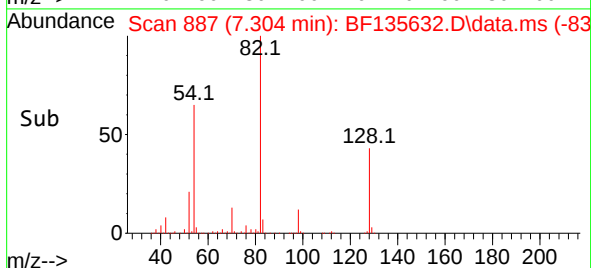
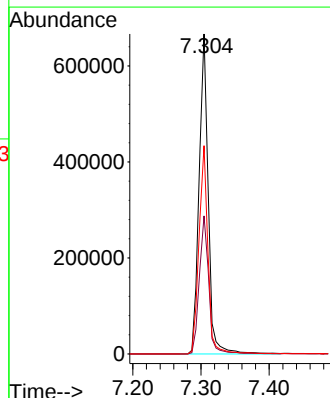
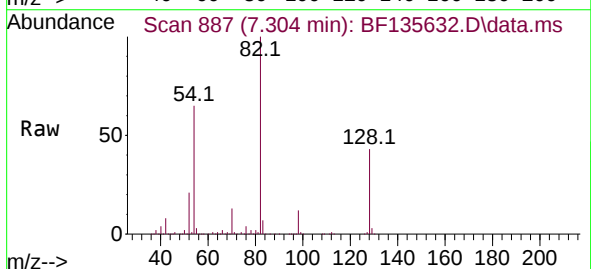
Tgt Ion: 82 Resp: 619592

Ion Ratio Lower Upper

82 100

128 43.2 35.8 53.6

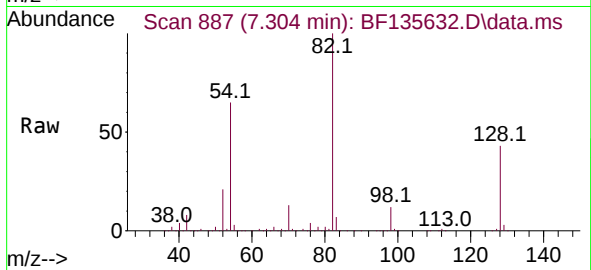
54 65.1 50.6 76.0



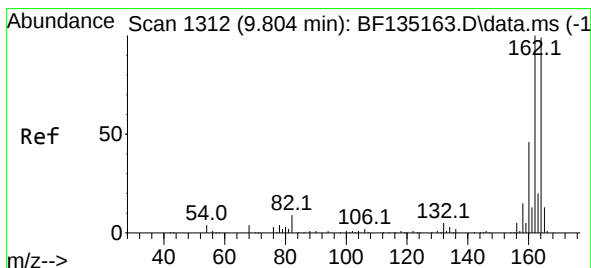
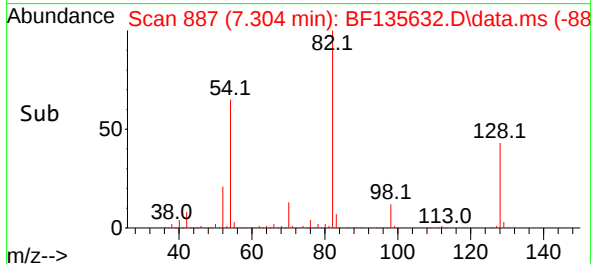
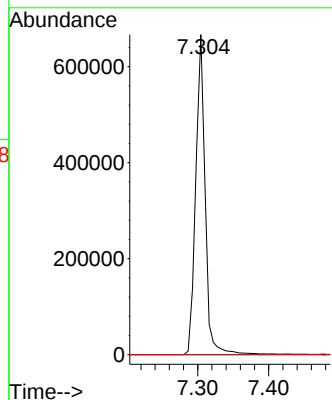


#25  
Isophorone  
Concen: 32.885 ng  
RT: 7.304 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

Instrument :  
BNA\_F  
ClientSampleId :

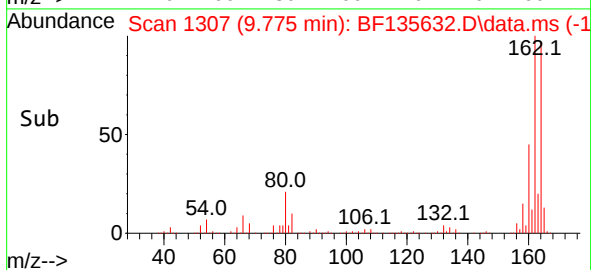
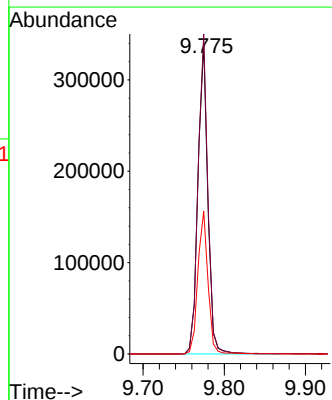
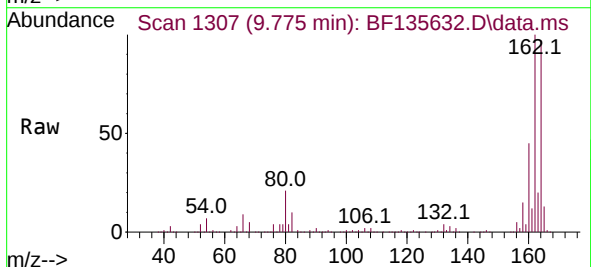


Tgt Ion: 82 Resp: 619586  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

Tgt Ion: 164 Resp: 288906  
Ion Ratio Lower Upper  
164 100  
162 103.3 81.0 121.4  
160 46.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 75.903 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

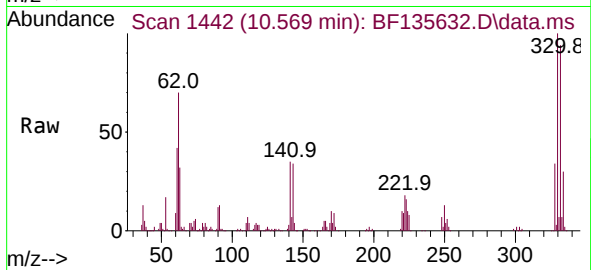
Lab File: BF135632.D

Acq: 06 Oct 2023 16:48

Instrument :

BNA\_F

ClientSampleId :



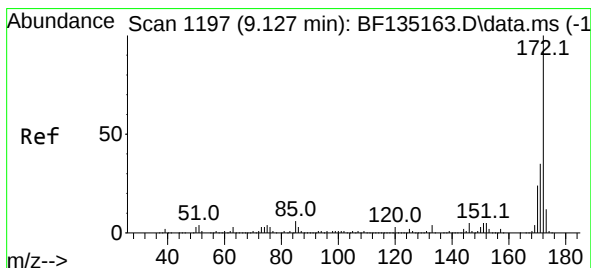
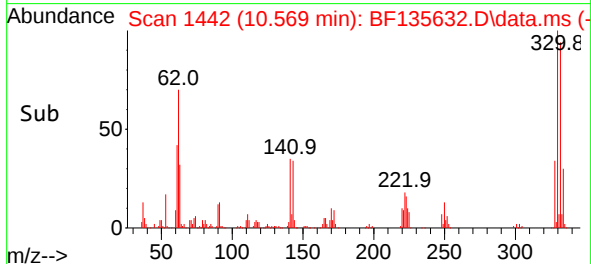
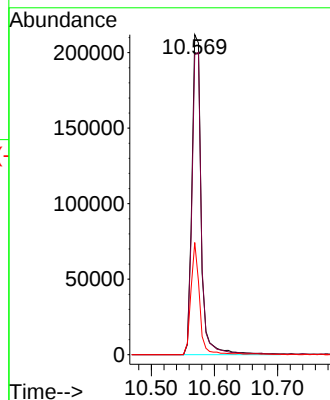
Tgt Ion:330 Resp: 217920

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 32.7 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.518 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135632.D

Acq: 06 Oct 2023 16:48

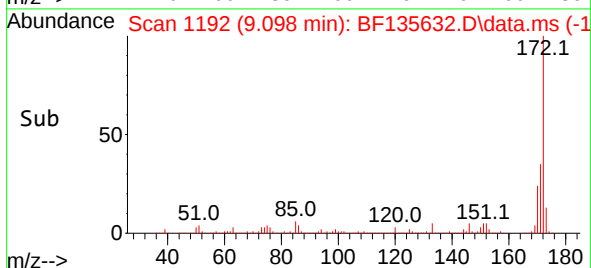
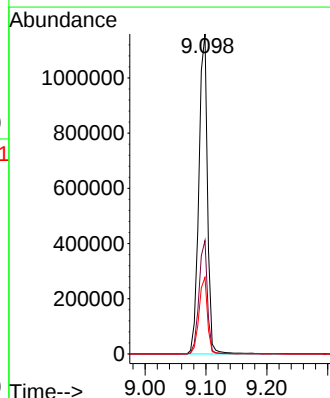
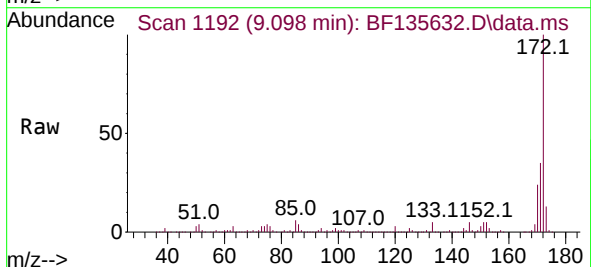
Tgt Ion:172 Resp: 1139714

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.9 19.0 28.4

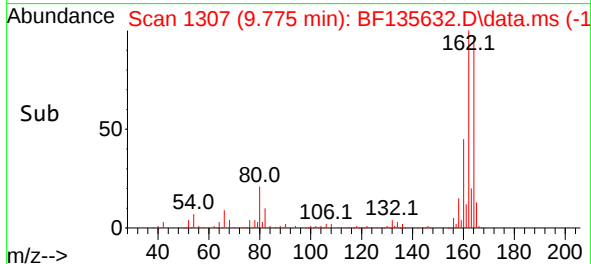
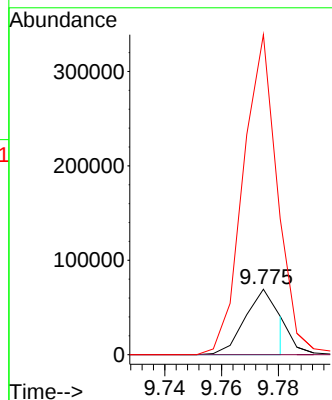
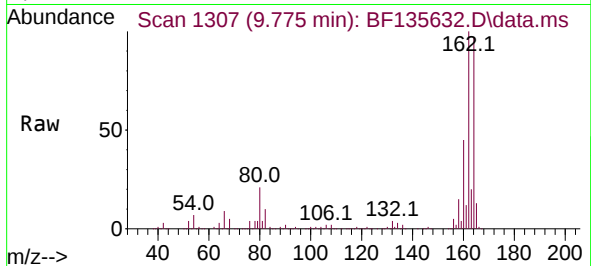




#50  
Dimethylphthalate  
Concen: 2.954 ng  
RT: 9.775 min Scan# 11  
Delta R.T. 0.271 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

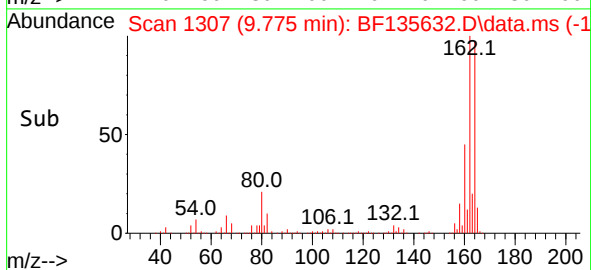
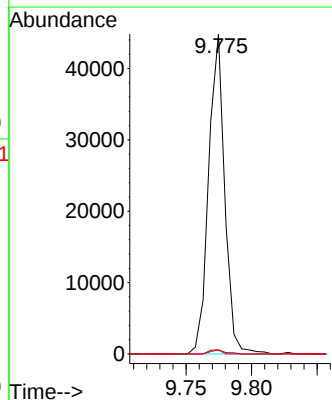
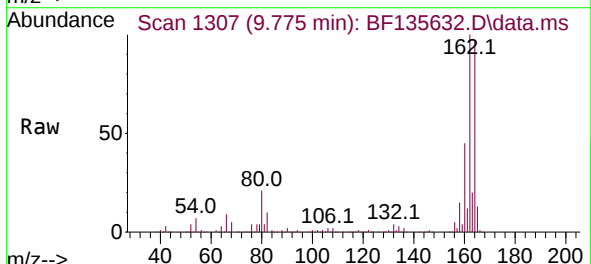
Instrument :  
BNA\_F  
ClientSampleId :

Tgt Ion:163 Resp: 57695  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.1 4.7#  
164 488.8 8.1 12.1#



#51  
2,6-Dinitrotoluene  
Concen: 8.942 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. 0.200 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

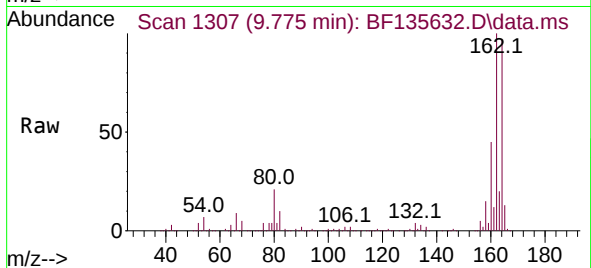
Tgt Ion:165 Resp: 38265  
Ion Ratio Lower Upper  
165 100  
63 1.3 59.4 89.2#  
89 1.3 49.8 74.8#



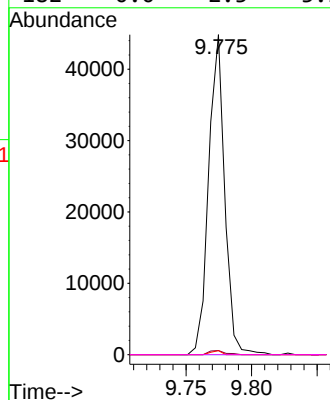
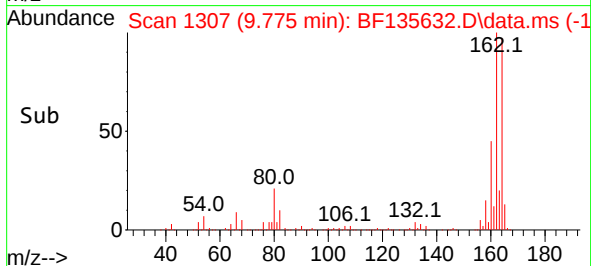


#57  
2,4-Dinitrotoluene  
Concen: 7.143 ng  
RT: 9.775 min Scan# 11  
Delta R.T. -0.212 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

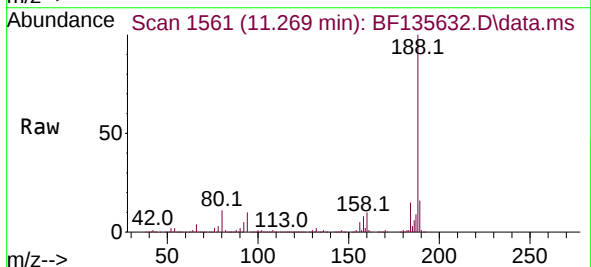
Instrument :  
BNA\_F  
ClientSampleId :



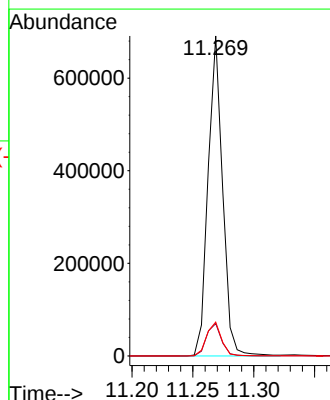
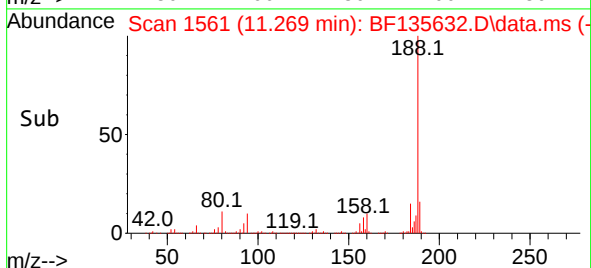
Tgt Ion:165 Resp: 38265  
Ion Ratio Lower Upper  
165 100  
63 1.3 50.1 75.1#  
89 1.3 59.3 88.9#  
182 0.0 2.3 3.5#

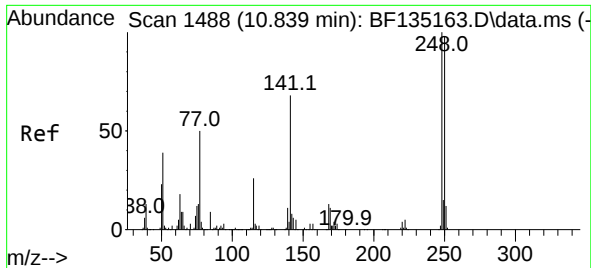


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.269 min Scan# 1561  
Delta R.T. 0.000 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48



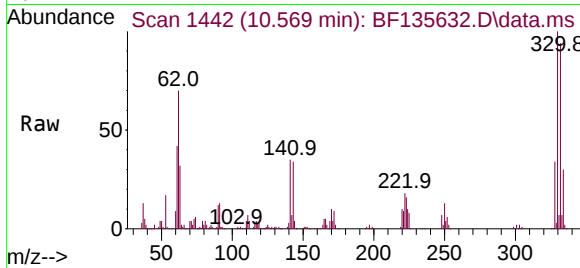
Tgt Ion:188 Resp: 572892  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.0 10.6  
80 10.6 7.5 11.3



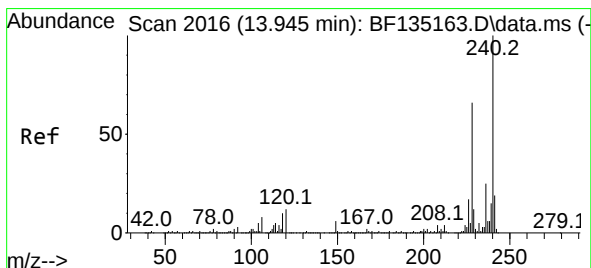
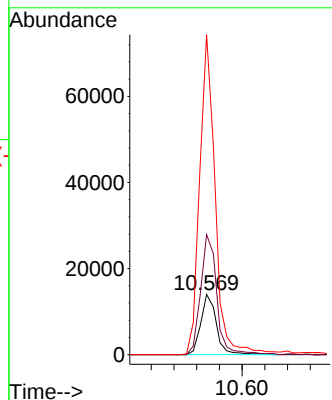
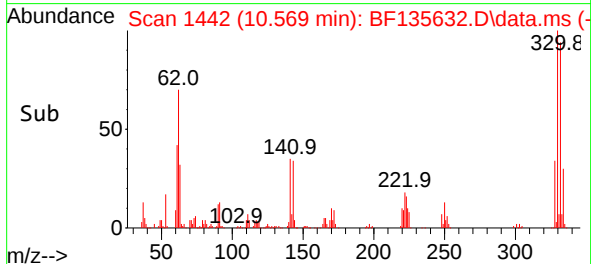


#67  
4-Bromophenyl-phenylether  
Concen: 2.357 ng  
RT: 10.569 min Scan# 1488  
Delta R.T. -0.241 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

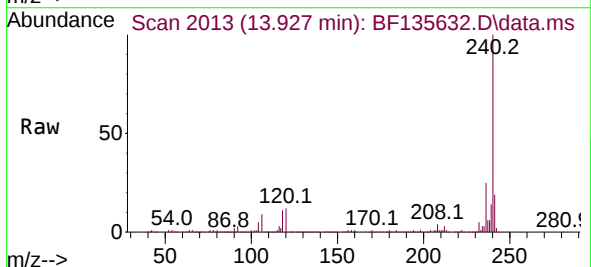
Instrument :  
BNA\_F  
ClientSampleId :



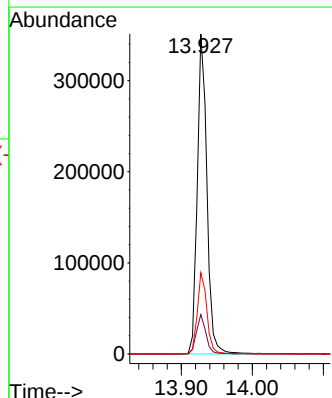
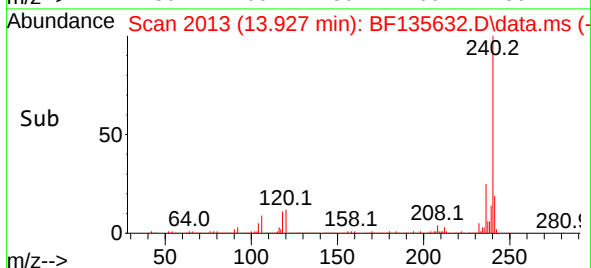
Tgt Ion:248 Resp: 13428  
Ion Ratio Lower Upper  
248 100  
250 199.4 78.6 117.8#  
141 530.7 54.2 81.2#

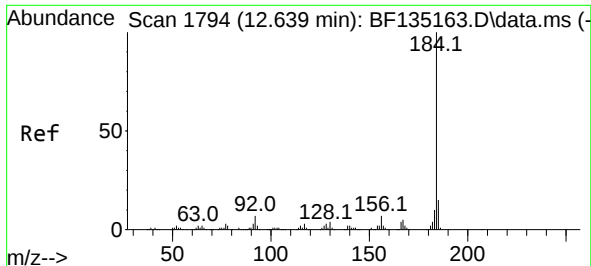


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.927 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48



Tgt Ion:240 Resp: 332571  
Ion Ratio Lower Upper  
240 100  
120 12.3 9.4 14.2  
236 25.4 19.8 29.8

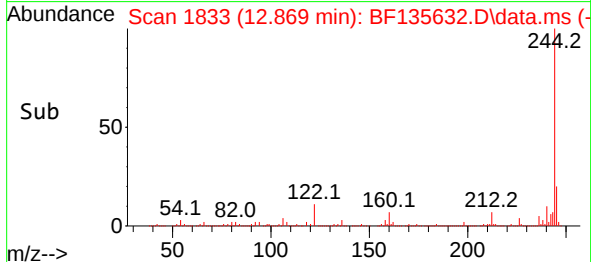
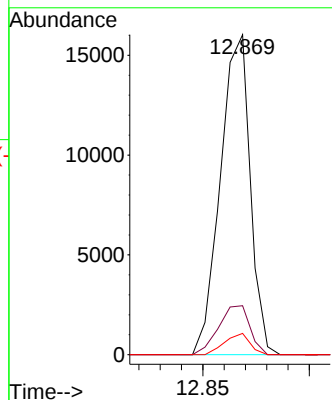
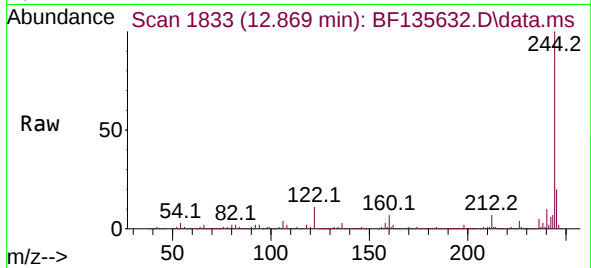




#77  
Benzidine  
Concen: 2.291 ng  
RT: 12.869 min Scan# 1833  
Delta R.T. 0.253 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

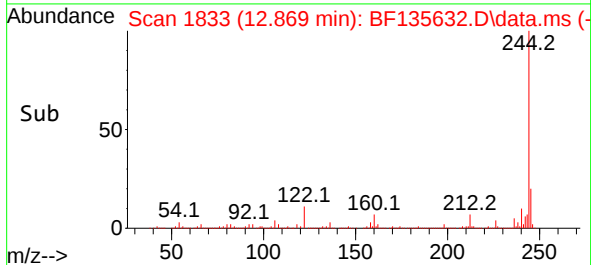
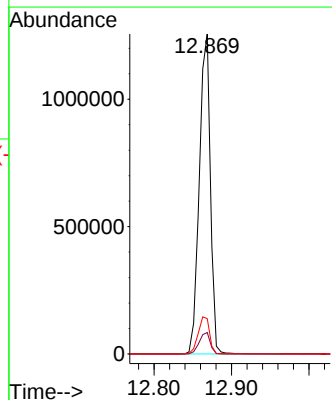
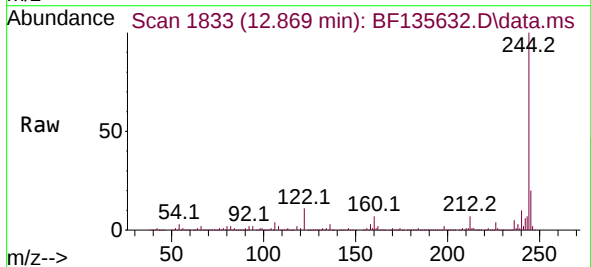
Instrument :  
BNA\_F  
ClientSampleId :

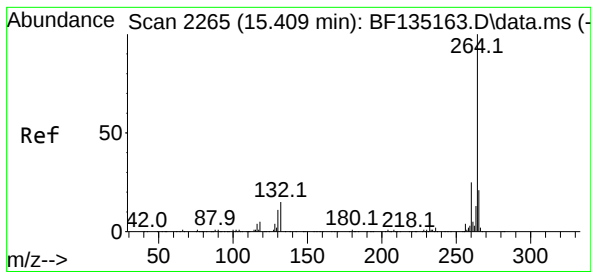
Tgt Ion:184 Resp: 15609  
Ion Ratio Lower Upper  
184 100  
185 15.3 11.7 17.5  
183 6.6 8.2 12.4#



#79  
Terphenyl-d14  
Concen: 57.963 ng  
RT: 12.869 min Scan# 1833  
Delta R.T. 0.006 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

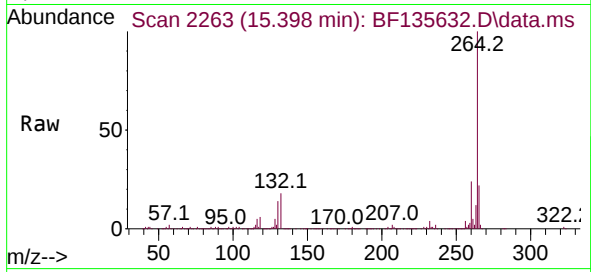
Tgt Ion:244 Resp: 1243522  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.1 7.7  
122 11.1 7.9 11.9





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.398 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BF135632.D  
Acq: 06 Oct 2023 16:48

Instrument :  
BNA\_F  
ClientSampleId :



Tgt Ion:264 Resp: 284400  
Ion Ratio Lower Upper  
264 100  
260 23.6 19.8 29.6  
265 21.9 17.0 25.4

