

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092823\  
 Data File : BF135507.D  
 Acq On : 28 Sep 2023 22:11  
 Operator : CG\JU  
 Sample : 04566-06 2X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B102-08-1

Quant Time: Sep 29 00:28:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 28 19:03:19 2023  
 Response via : Initial Calibration

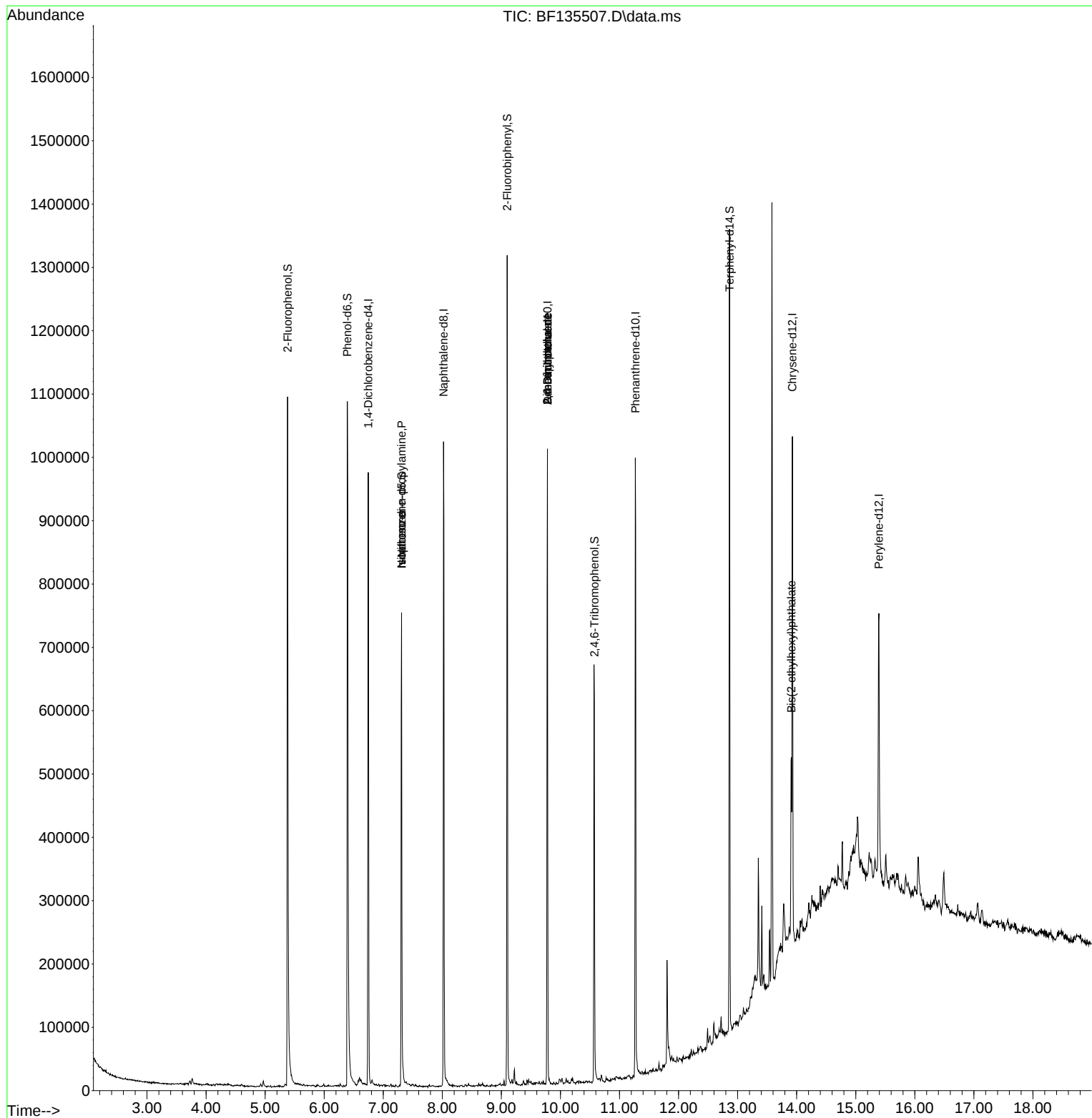
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.745  | 152  | 129781   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.022  | 136  | 447844   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.781  | 164  | 188754   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.269 | 188  | 366561   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.927 | 240  | 255150   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.392 | 264  | 193488   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.381  | 112  | 339077   | 42.494 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.393  | 99   | 410976   | 40.505 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.310  | 82   | 234647   | 28.466 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.575 | 330  | 70446    | 37.556 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.098  | 172  | 376869   | 30.123 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.863 | 244  | 389806   | 23.683 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.310  | 70   | 30698    | 4.885  | ng    | # 77     |
| 25) Isophorone                | 7.310  | 82   | 234647   | 15.502 | ng    | # 65     |
| 50) Dimethylphthalate         | 9.781  | 163  | 37978    | 2.976  | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.781  | 165  | 25199    | 9.014  | ng    | # 17     |
| 57) 2,4-Dinitrotoluene        | 9.781  | 165  | 25199    | 7.200  | ng    | # 18     |
| 84) Bis(2-ethylhexyl)phtha... | 13.910 | 149  | 77117    | 8.786  | ng    | 98       |
| -----                         |        |      |          |        |       |          |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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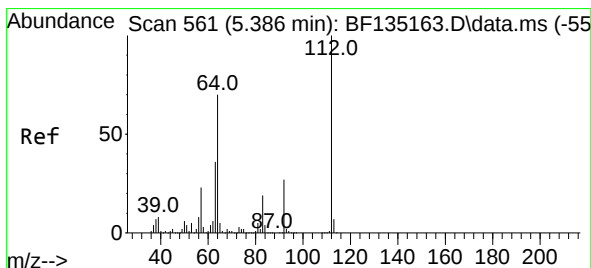
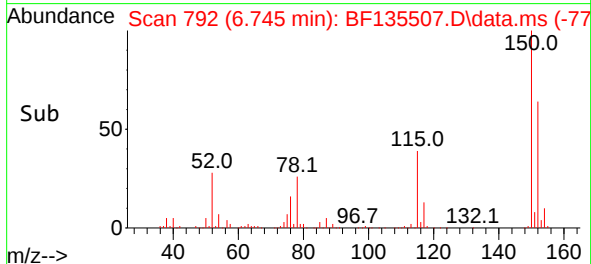
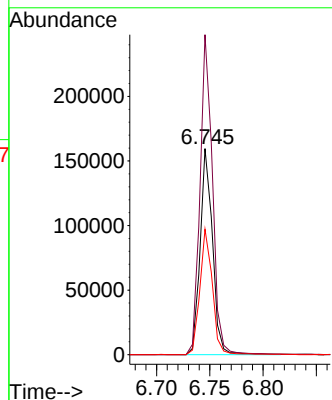
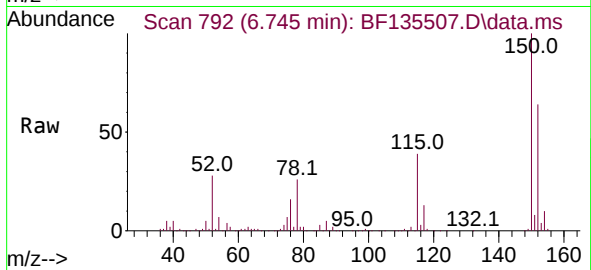




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.745 min Scan# 795  
 Delta R.T. -0.001 min  
 Lab File: BF135507.D  
 Acq: 28 Sep 2023 22:11

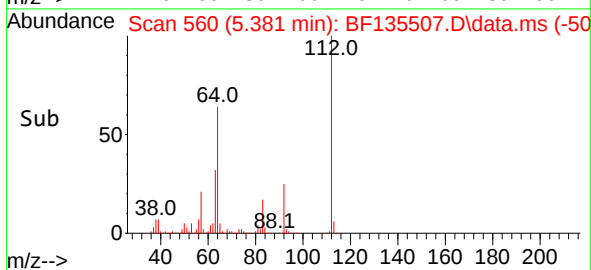
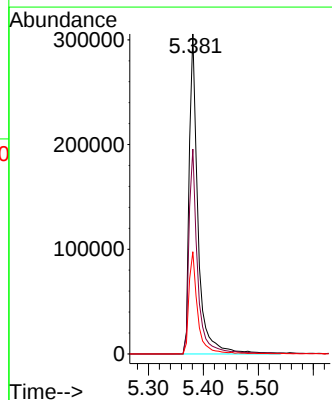
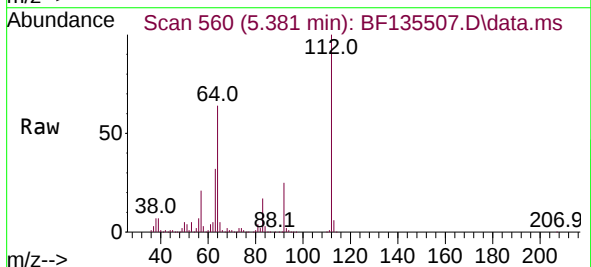
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B102-08-1

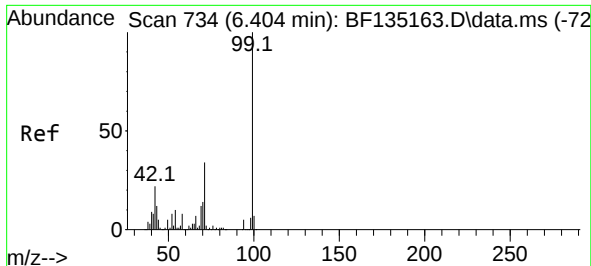
Tgt Ion:152 Resp: 129781  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 127.8 191.6  
 115 60.9 49.8 74.8



#5  
 2-Fluorophenol  
 Concen: 42.494 ng  
 RT: 5.381 min Scan# 560  
 Delta R.T. 0.006 min  
 Lab File: BF135507.D  
 Acq: 28 Sep 2023 22:11

Tgt Ion:112 Resp: 339077  
 Ion Ratio Lower Upper  
 112 100  
 64 64.1 55.9 83.9  
 63 31.9 29.0 43.6

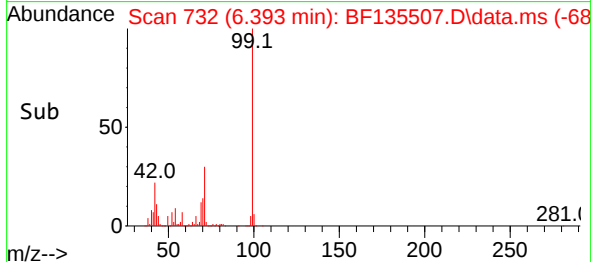
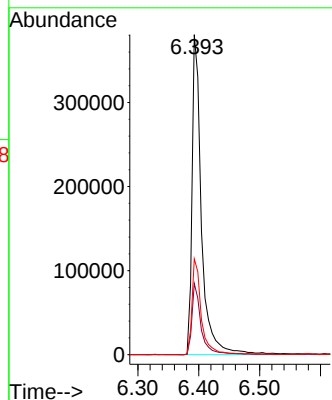
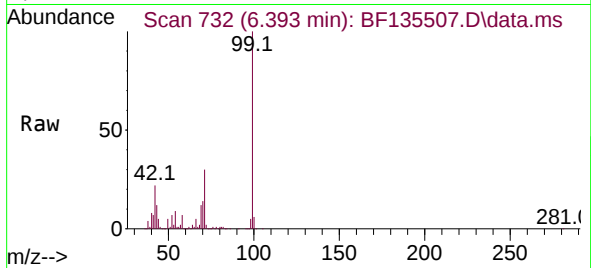




#7  
Phenol-d6  
Concen: 40.505 ng  
RT: 6.393 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF135507.D  
Acq: 28 Sep 2023 22:11

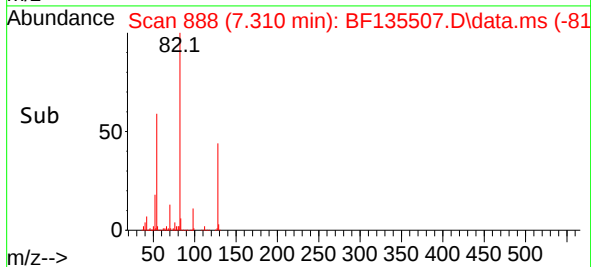
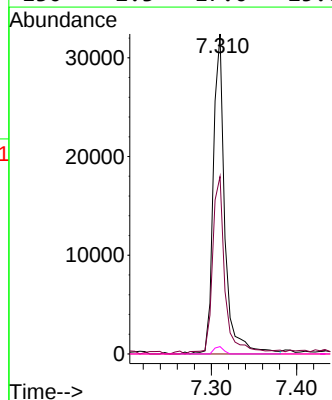
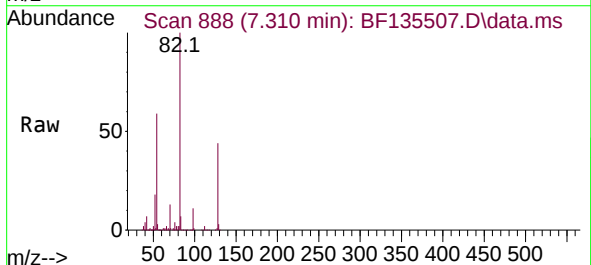
Instrument :  
BNA\_F  
ClientSampleId :  
B102-08-1

Tgt Ion: 99 Resp: 410976  
Ion Ratio Lower Upper  
99 100  
42 22.3 17.9 26.9  
71 30.0 27.0 40.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 4.885 ng  
RT: 7.310 min Scan# 888  
Delta R.T. 0.147 min  
Lab File: BF135507.D  
Acq: 28 Sep 2023 22:11

Tgt Ion: 70 Resp: 30698  
Ion Ratio Lower Upper  
70 100  
42 55.4 55.4 83.0  
101 0.0 7.7 11.5#  
130 2.3 17.0 25.6#

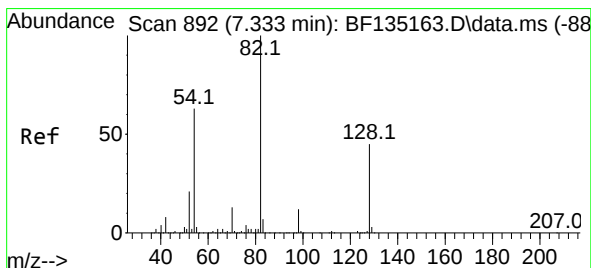
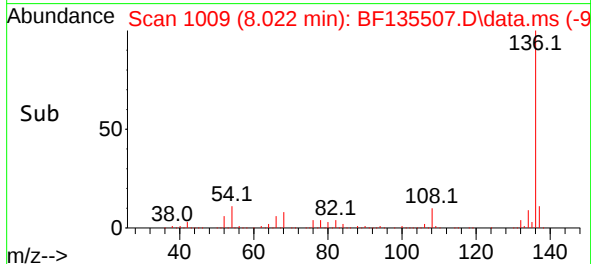
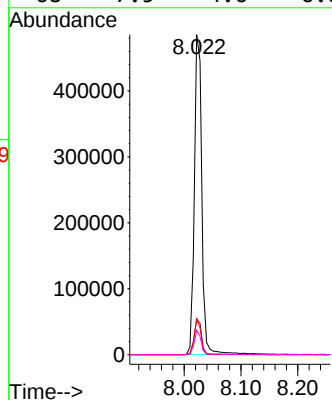
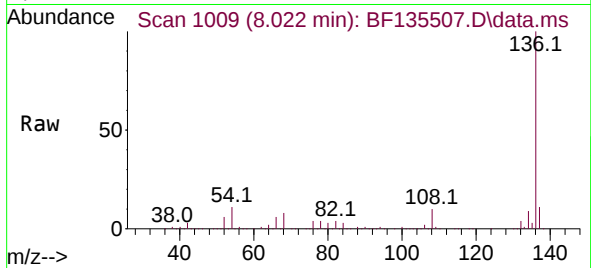




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.022 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BF135507.D  
Acq: 28 Sep 2023 22:11

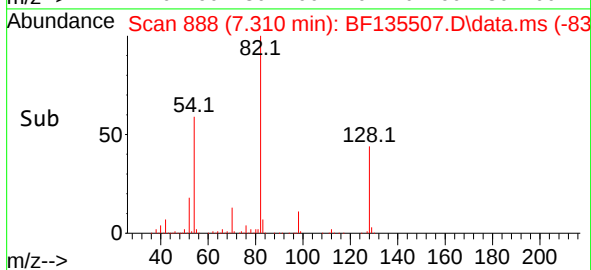
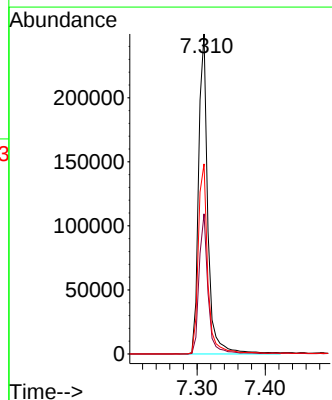
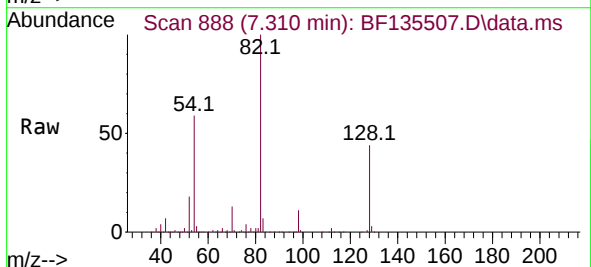
Instrument :  
BNA\_F  
ClientSampleId :  
B102-08-1

Tgt Ion:136 Resp: 447844  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 11.2 7.7 11.5  
68 7.5 4.6 6.8#



#23  
Nitrobenzene-d5  
Concen: 28.466 ng  
RT: 7.310 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BF135507.D  
Acq: 28 Sep 2023 22:11

Tgt Ion: 82 Resp: 234647  
Ion Ratio Lower Upper  
82 100  
128 43.8 35.8 53.6  
54 59.4 50.6 76.0

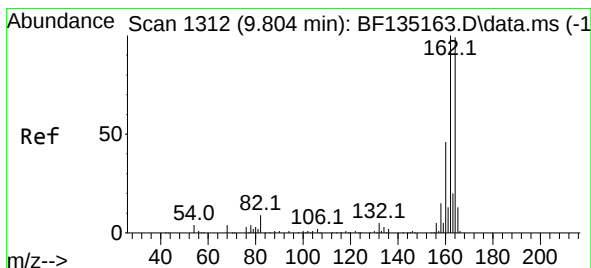
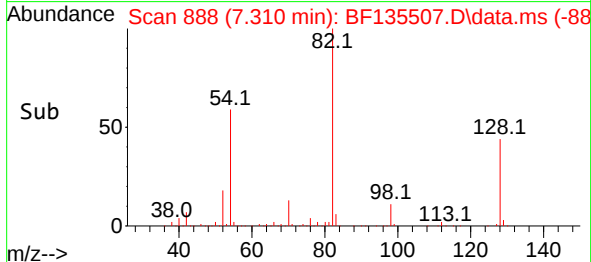
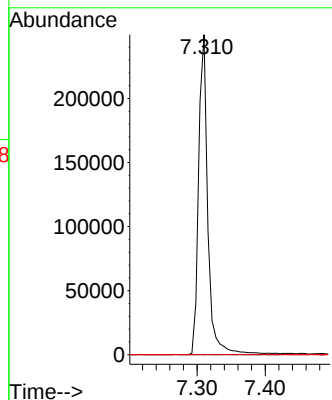
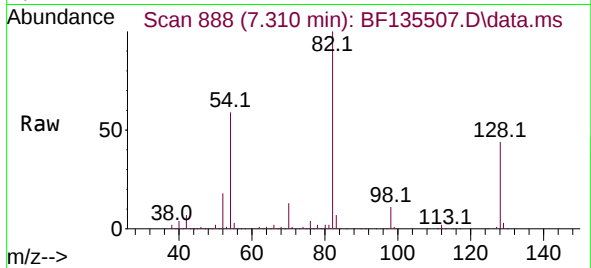




#25  
Isophorone  
Concen: 15.502 ng  
RT: 7.310 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF135507.D  
Acq: 28 Sep 2023 22:11

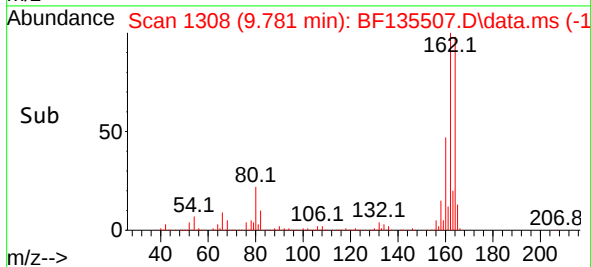
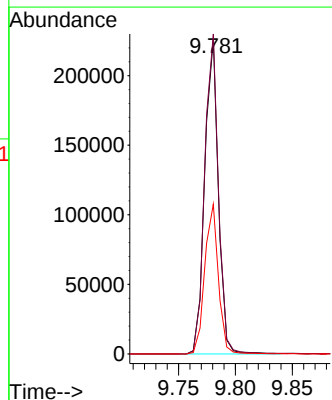
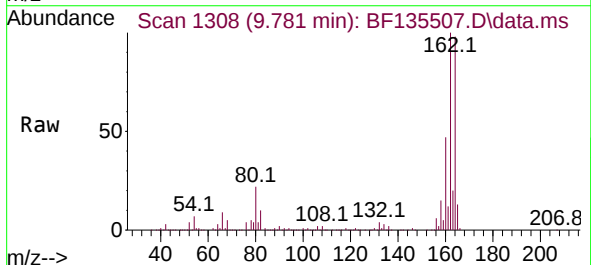
Instrument :  
BNA\_F  
ClientSampleId :  
B102-08-1

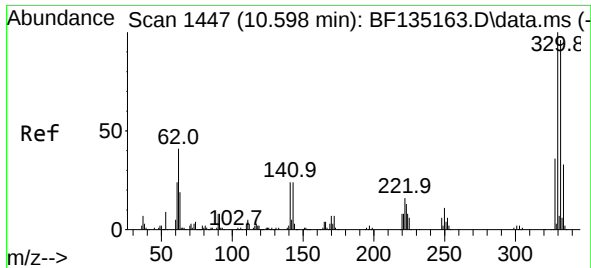
Tgt Ion: 82 Resp: 234647  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.0 9.0#  
138 0.0 14.5 21.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.781 min Scan# 1308  
Delta R.T. -0.000 min  
Lab File: BF135507.D  
Acq: 28 Sep 2023 22:11

Tgt Ion: 164 Resp: 188754  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.0 121.4  
160 47.6 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 37.556 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF135507.D

Acq: 28 Sep 2023 22:11

Instrument :

BNA\_F

ClientSampleId :

B102-08-1

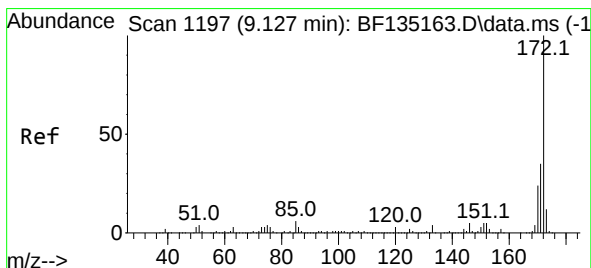
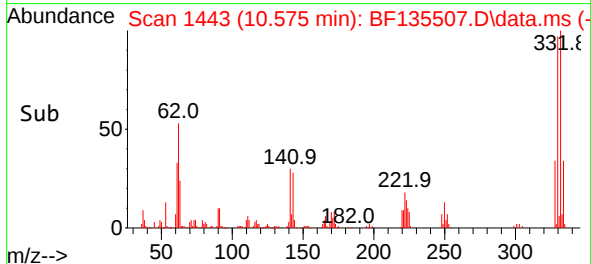
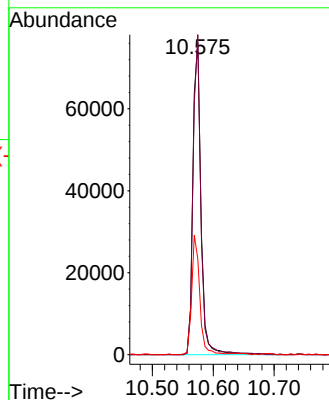
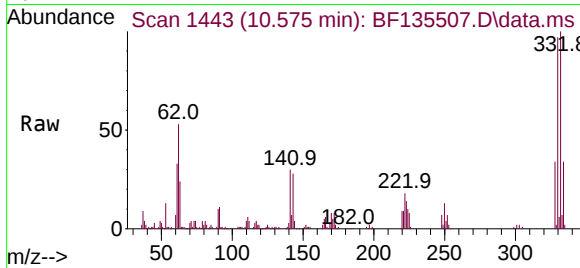
Tgt Ion:330 Resp: 70446

Ion Ratio Lower Upper

330 100

332 98.4 77.3 115.9

141 37.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 30.123 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135507.D

Acq: 28 Sep 2023 22:11

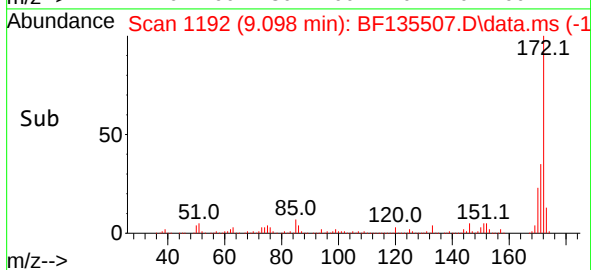
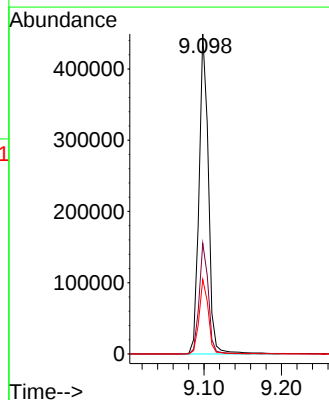
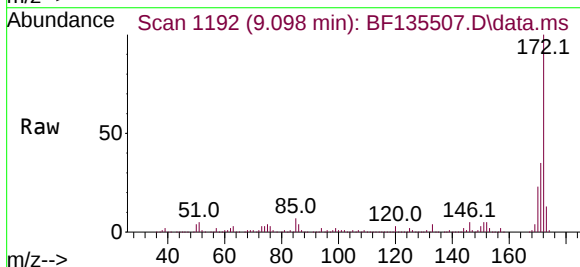
Tgt Ion:172 Resp: 376869

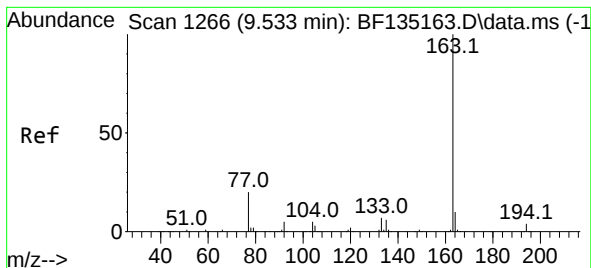
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.3 19.0 28.4





#50

Dimethylphthalate

Concen: 2.976 ng

RT: 9.781 min Scan# 1

Delta R.T. 0.270 min

Lab File: BF135507.D

Acq: 28 Sep 2023 22:11

Instrument :

BNA\_F

ClientSampleId :

B102-08-1

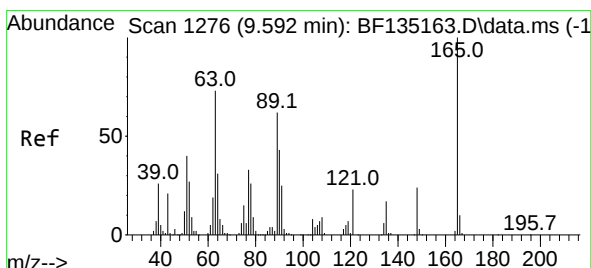
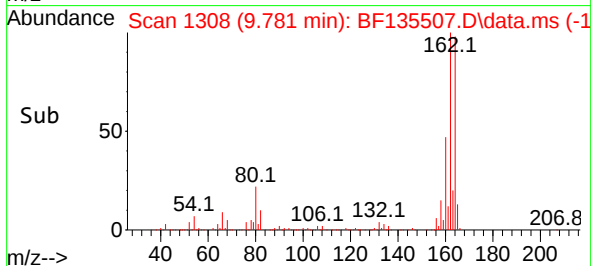
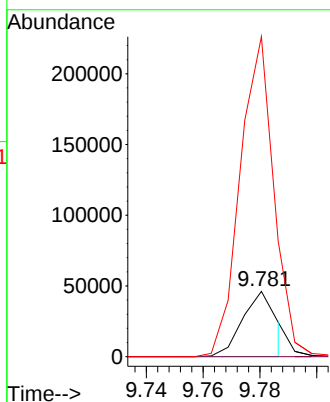
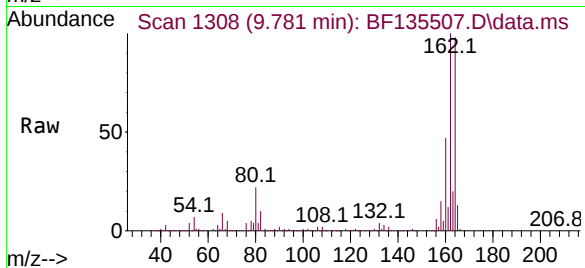
Tgt Ion:163 Resp: 37978

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 489.6 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 9.014 ng

RT: 9.781 min Scan# 1308

Delta R.T. 0.200 min

Lab File: BF135507.D

Acq: 28 Sep 2023 22:11

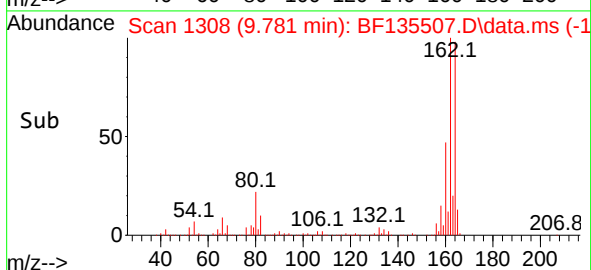
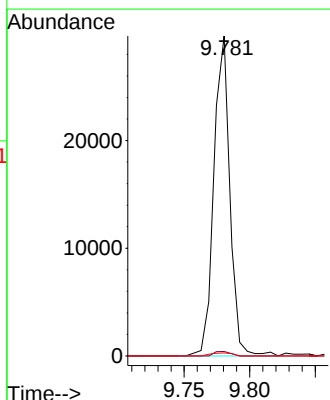
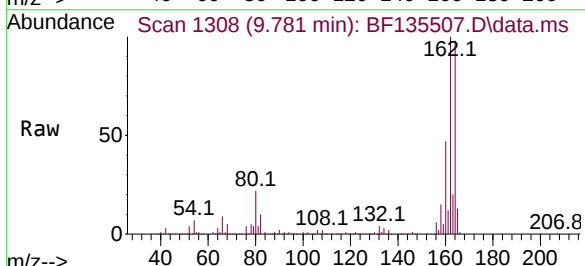
Tgt Ion:165 Resp: 25199

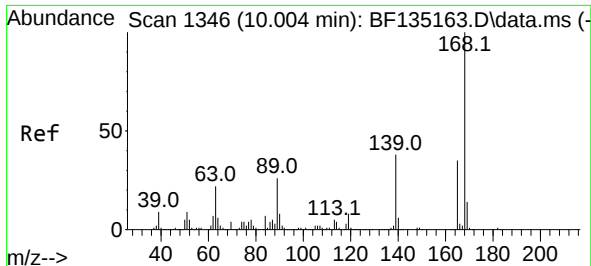
Ion Ratio Lower Upper

165 100

63 1.4 59.4 89.2#

89 0.9 49.8 74.8#

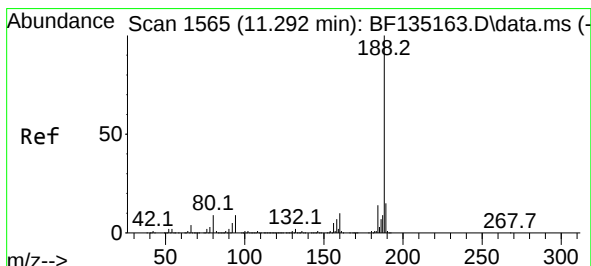
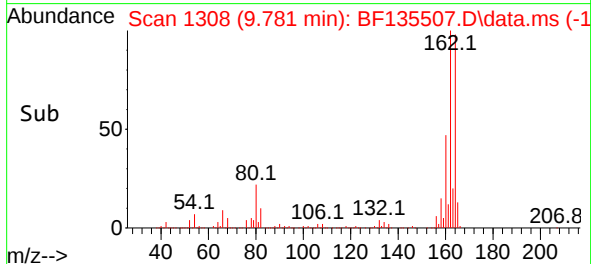
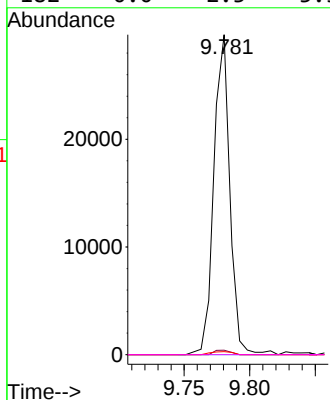
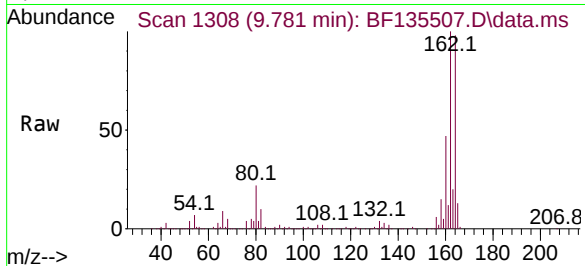




#57  
2,4-Dinitrotoluene  
Concen: 7.200 ng  
RT: 9.781 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF135507.D  
Acq: 28 Sep 2023 22:11

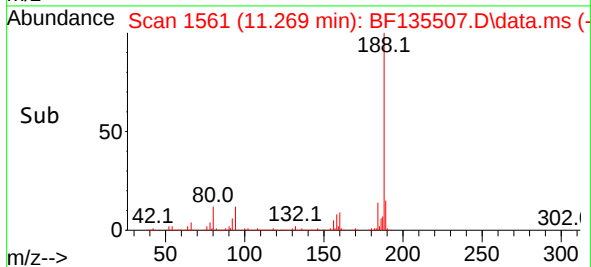
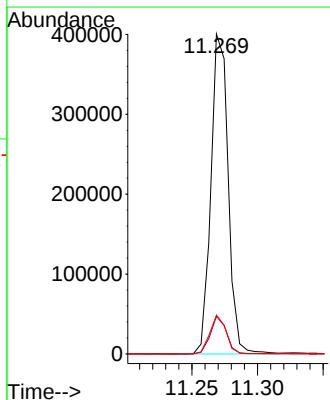
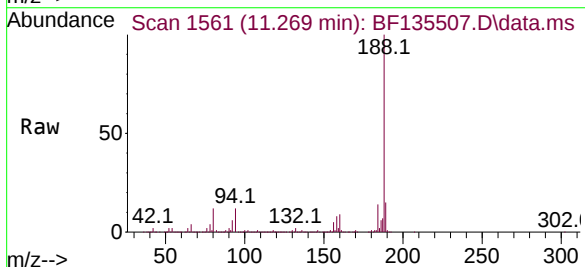
Instrument :  
BNA\_F  
ClientSampleId :  
B102-08-1

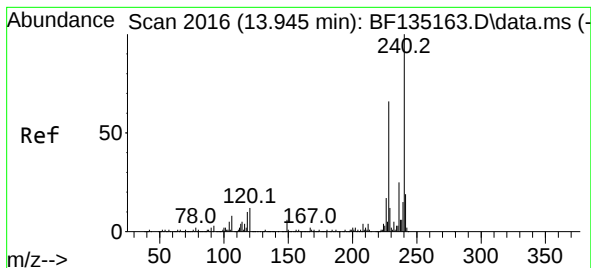
Tgt Ion:165 Resp: 25199  
Ion Ratio Lower Upper  
165 100  
63 1.4 50.1 75.1#  
89 0.9 59.3 88.9#  
182 0.0 2.3 3.5#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.269 min Scan# 1561  
Delta R.T. -0.006 min  
Lab File: BF135507.D  
Acq: 28 Sep 2023 22:11

Tgt Ion:188 Resp: 366561  
Ion Ratio Lower Upper  
188 100  
94 11.8 7.0 10.6#  
80 12.2 7.5 11.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF135507.D

Acq: 28 Sep 2023 22:11

Instrument :

BNA\_F

ClientSampleId :

B102-08-1

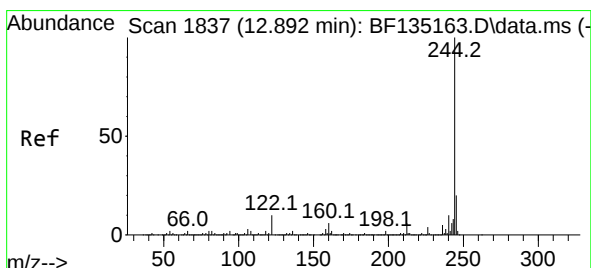
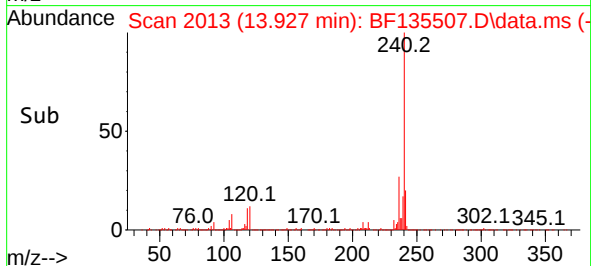
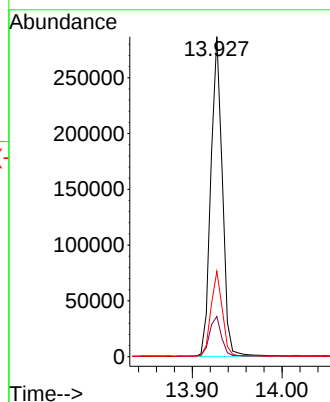
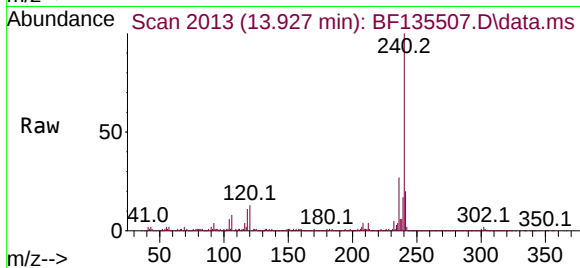
Tgt Ion:240 Resp: 255150

Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

236 26.7 19.8 29.8



#79

Terphenyl-d14

Concen: 23.683 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.006 min

Lab File: BF135507.D

Acq: 28 Sep 2023 22:11

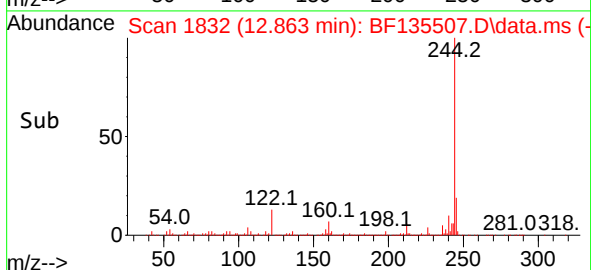
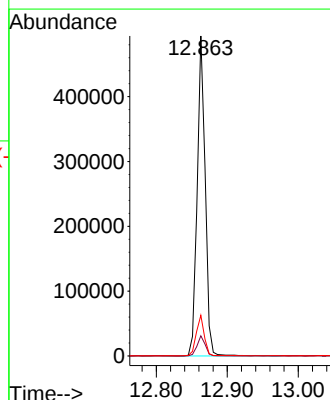
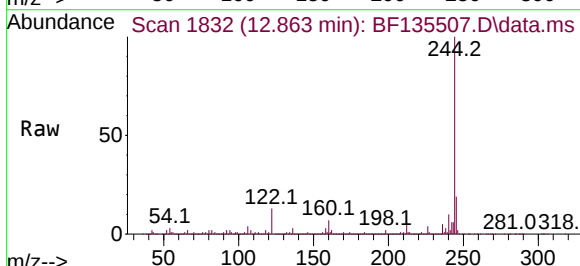
Tgt Ion:244 Resp: 389806

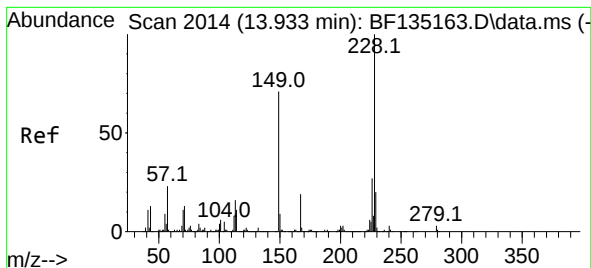
Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 12.7 7.9 11.9#

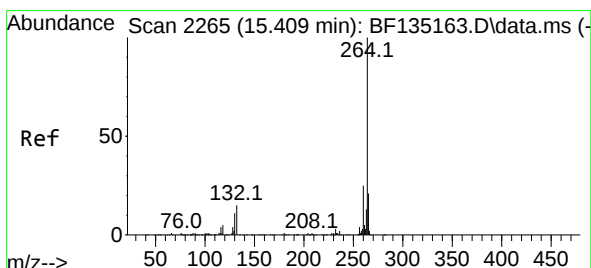
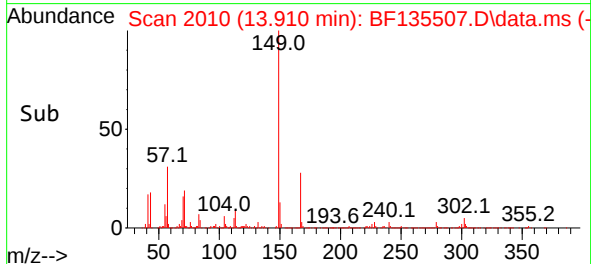
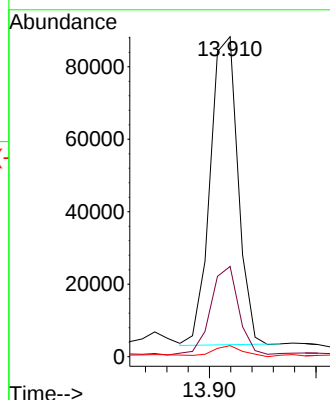
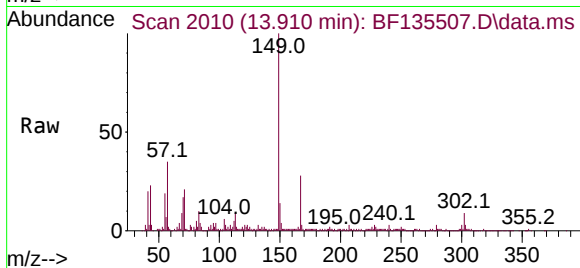




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 8.786 ng  
 RT: 13.910 min Scan# 2010  
 Delta R.T. 0.006 min  
 Lab File: BF135507.D  
 Acq: 28 Sep 2023 22:11

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B102-08-1

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 77117 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 167      | 28.2  | 21.9  | 32.9  |
| 279      | 3.5   | 3.3   | 4.9   |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.392 min Scan# 2262  
 Delta R.T. 0.012 min  
 Lab File: BF135507.D  
 Acq: 28 Sep 2023 22:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 193488 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 23.9  | 19.8  | 29.6   |
| 265      | 21.3  | 17.0  | 25.4   |

