

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070722\  
 Data File : BF129169.D  
 Acq On : 07 Jul 2022 20:35  
 Operator : CG\JU  
 Sample : N3584-05 5X  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB-21199

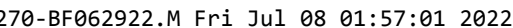
Quant Time: Jul 08 01:56:56 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 29 17:05:31 2022  
 Response via : Initial Calibration

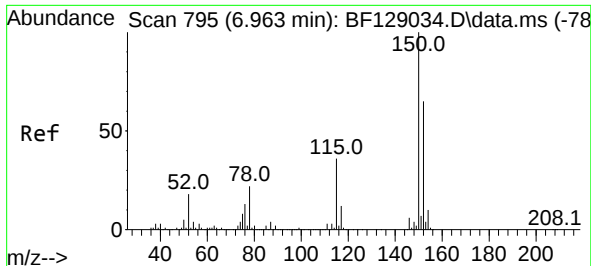
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.951  | 152  | 192713   | 20.000    | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.234  | 136  | 623746   | 20.000    | ng    | -0.01    |
| 39) Acenaphthene-d10          | 10.010 | 164  | 246403   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.469 | 188  | 12098    | 20.000    | ng    | #-0.03   |
| 76) Chrysene-d12              | 14.174 | 240  | 590793   | 20.000    | ng    | 0.02     |
| 86) Perylene-d12              | 15.674 | 264  | 568983   | 20.000    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.563  | 112  | 29252    | 2.566     | ng    | -0.02    |
| 7) Phenol-d6                  | 6.563  | 99   | 112048   | 7.915     | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.510  | 82   | 86176    | 8.241     | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.822 | 330  | 50672    | 18.913    | ng    | 0.02     |
| 45) 2-Fluorobiphenyl          | 9.310  | 172  | 211537   | 13.734    | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.139 | 244  | 255710   | 8.988     | ng    | 0.05     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.510  | 77   | 292      | Below Cal | #     | 22       |
| 37) 2-Methylnaphthalene       | 8.951  | 142  | 120080   | 6.302     | ng    | 100      |
| 38) 1-Methylnaphthalene       | 9.051  | 142  | 102719   | 5.551     | ng    | 99       |
| 49) Acenaphthylene            | 9.875  | 152  | 109323   | 5.259     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.804  | 165  | 56830    | 18.042    | ng    | # 37     |
| 53) 3-Nitroaniline            | 9.963  | 138  | 114259   | 30.418    | ng    | # 13     |
| 54) 2,4-Dinitrophenol         | 10.210 | 184  | 14262    | 14.520    | ng    | # 1      |
| 55) Dibenzofuran              | 10.216 | 168  | 67440    | 3.421     | ng    | # 1      |
| 56) 4-Nitrophenol             | 10.116 | 139  | 53668    | 17.486    | ng    | # 1      |
| 57) 2,4-Dinitrotoluene        | 10.222 | 165  | 54404    | 13.990    | ng    | # 56     |
| 58) Fluorene                  | 10.575 | 166  | 176898   | 11.600    | ng    | # 50     |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232  | 9362     | 2.252     | ng    | # 1      |
| 60) Diethylphthalate          | 10.469 | 149  | 82073    | 5.313     | ng    | # 8      |
| 61) 4-Chlorophenyl-phenyle... | 10.592 | 204  | 52284    | 6.881     | ng    | # 1      |
| 62) 4-Nitroaniline            | 10.551 | 138  | 29154    | 7.827     | ng    | 88       |
| 63) Azobenzene                | 10.716 | 77   | 45058    | 2.977     | ng    | # 21     |
| 65) 4,6-Dinitro-2-methylph... | 10.569 | 198  | 29235    | 546.213   | ng    | # 1      |
| 66) n-Nitrosodiphenylamine    | 10.616 | 169  | 312051   | 849.299   | ng    | # 42     |
| 67) 4-Bromophenyl-phenylether | 10.992 | 248  | 15878    | 123.382   | ng    | # 1      |
| 69) Atrazine                  | 11.122 | 200  | 38077    | 368.284   | ng    | # 1      |
| 70) Pentachlorophenol         | 11.316 | 266  | 2256     | 26.432    | ng    | # 1      |
| 71) Phenanthrene              | 11.463 | 178  | 37715    | 65.246    | ng    | # 1      |
| 72) Anthracene                | 11.580 | 178  | 724255   | 1270.823  | ng    | # 76     |
| 73) Carbazole                 | 11.727 | 167  | 14001    | 24.517    | ng    | # 1      |
| 74) Di-n-butylphthalate       | 12.051 | 149  | 23741    | 39.429    | ng    | # 13     |
| 75) Fluoranthene              | 12.792 | 202  | 297067   | 491.408   | ng    | 73       |
| 77) Benzidine                 | 12.845 | 184  | 49479    | 4.703     | ng    | # 1      |
| 81) Benzo(a)anthracene        | 14.163 | 228  | 187119   | 5.187     | ng    | # 90     |
| 83) Chrysene                  | 14.198 | 228  | 218579   | 6.527     | ng    | # 92     |
| 84) Bis(2-ethylhexyl)phtha... | 14.121 | 149  | 107009   | 4.826     | ng    | # 67     |
| 88) Benzo(b)fluoranthene      | 15.221 | 252  | 377830   | 11.042    | ng    | # 89     |
| 89) Benzo(k)fluoranthene      | 15.221 | 252  | 377830   | 11.384    | ng    | # 89     |
| 90) Benzo(a)pyrene            | 15.610 | 252  | 110486   | 3.961     | ng    | # 90     |
| -----                         |        |      |          |           |       |          |

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

**Instrument :**  
BNA\_F  
**ClientSampleId :**  
RB-21199

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 29 17:05:31 2022  
Response via : Initial Calibration

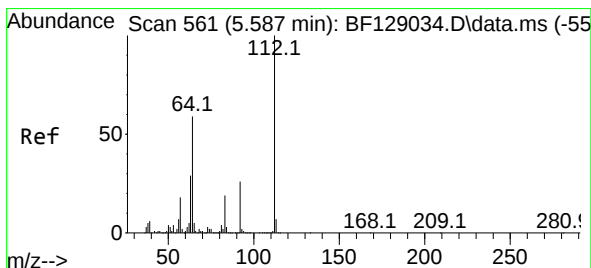
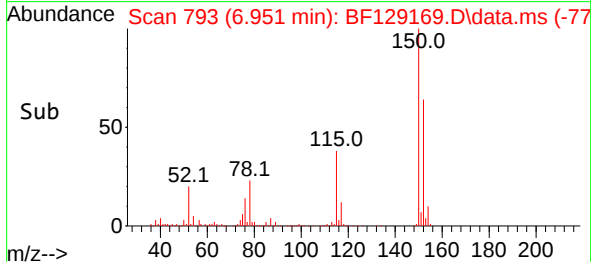
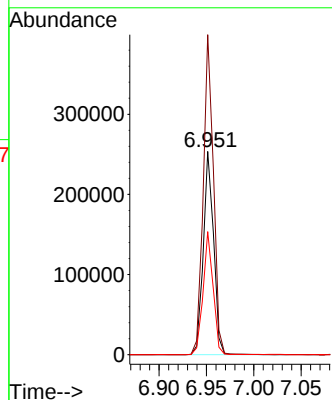
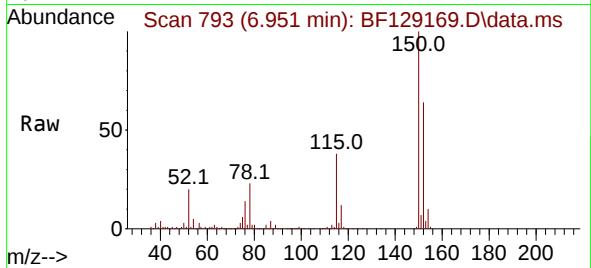




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.951 min Scan# 795  
Delta R.T. -0.012 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

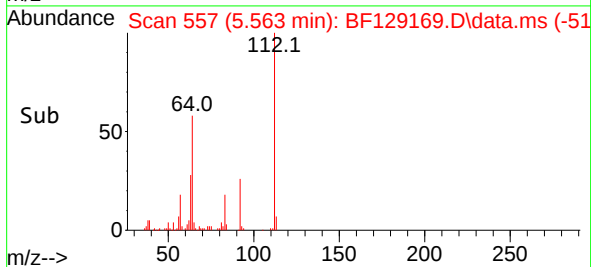
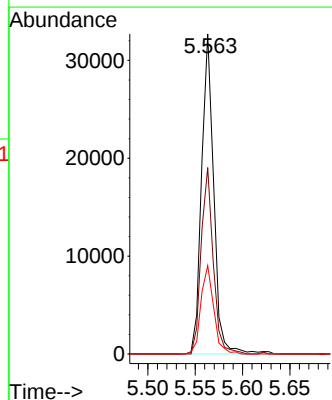
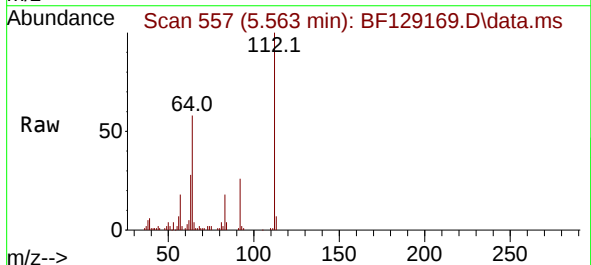
Instrument :  
BNA\_F  
ClientSampleId :  
RB-21199

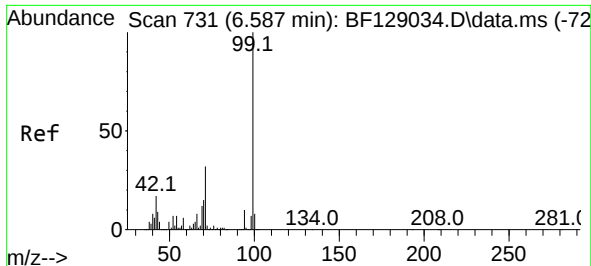
Tgt Ion:152 Resp: 192713  
Ion Ratio Lower Upper  
152 100  
150 157.5 123.7 185.5  
115 60.5 49.9 74.9



#5  
2-Fluorophenol  
Concen: 2.566 ng  
RT: 5.563 min Scan# 557  
Delta R.T. -0.024 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion:112 Resp: 29252  
Ion Ratio Lower Upper  
112 100  
64 58.2 53.3 79.9  
63 27.6 28.0 42.0





#7

Phenol-d6

Concen: 7.915 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.024 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

RB-21199

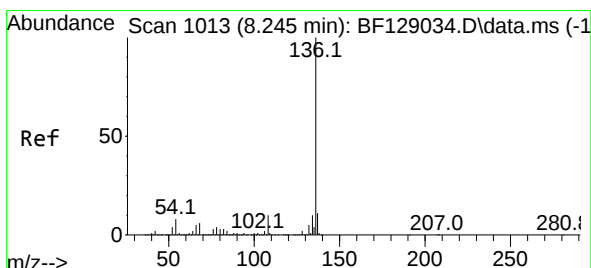
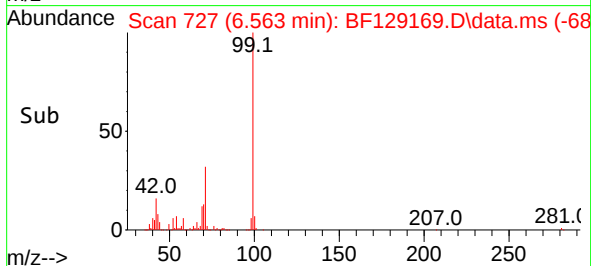
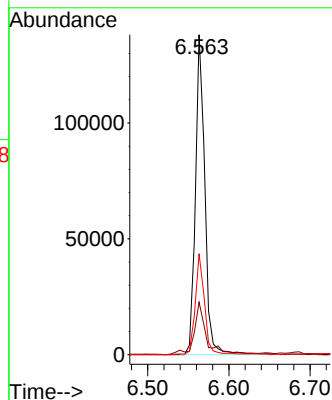
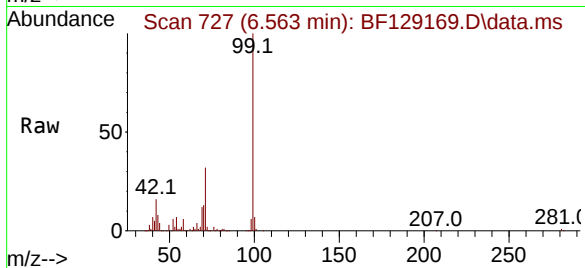
Tgt Ion: 99 Resp: 112048

Ion Ratio Lower Upper

99 100

42 16.4 17.3 25.9#

71 31.6 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.234 min Scan# 1011

Delta R.T. -0.011 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Tgt Ion: 136 Resp: 623746

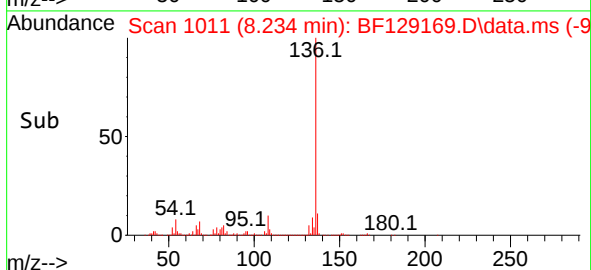
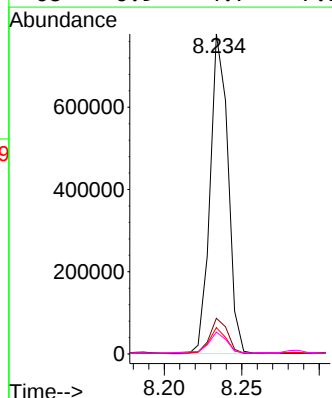
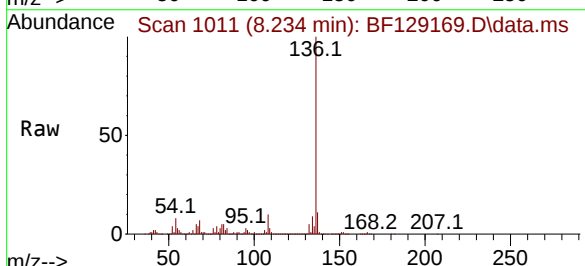
Ion Ratio Lower Upper

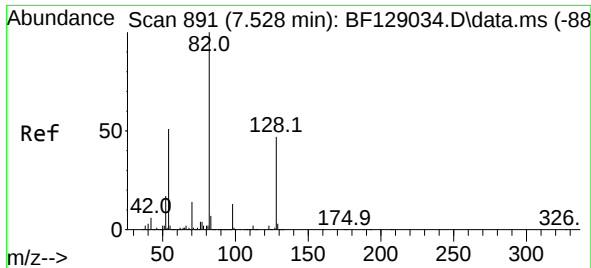
136 100

137 11.1 8.8 13.2

54 8.2 7.5 11.3

68 6.9 4.7 7.1

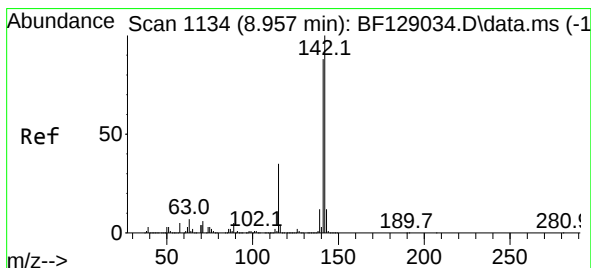
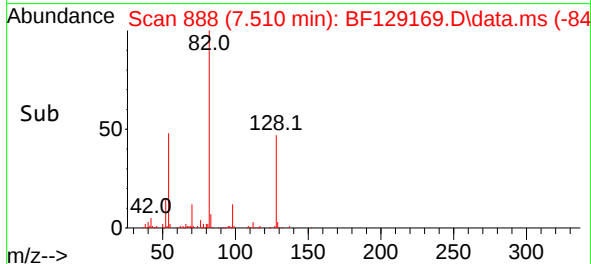
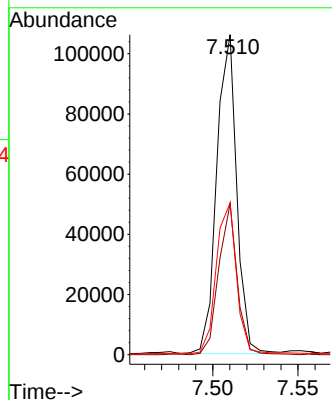
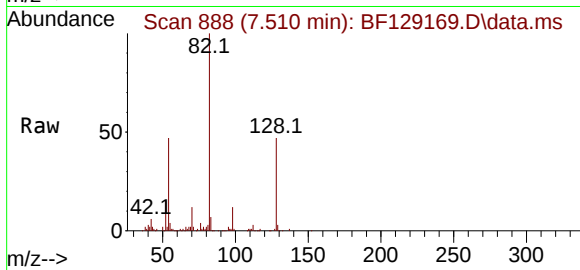




#23  
Nitrobenzene-d5  
Concen: 8.241 ng  
RT: 7.510 min Scan# 81  
Delta R.T. -0.018 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

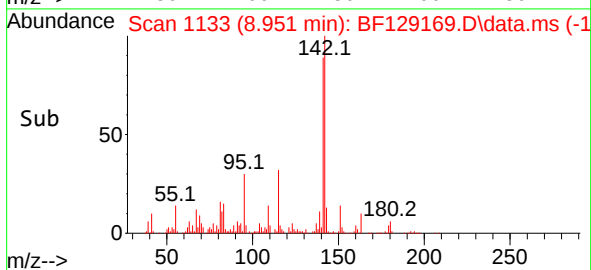
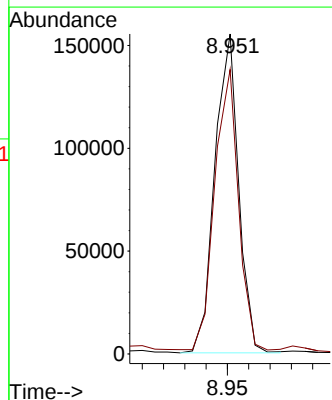
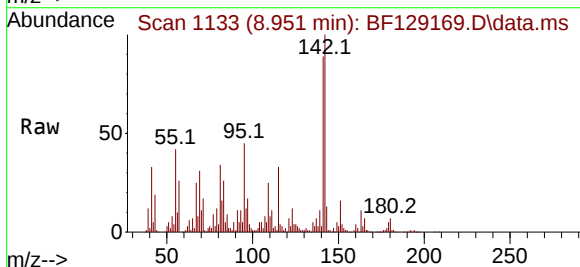
Instrument :  
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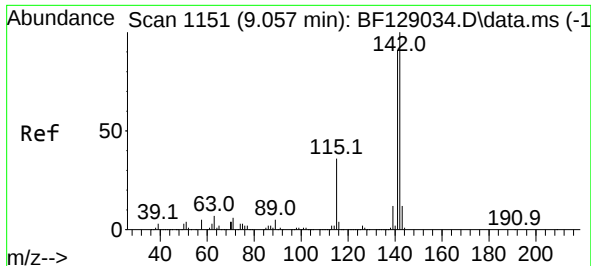
Tgt Ion: 82 Resp: 86176  
Ion Ratio Lower Upper  
82 100  
128 47.2 34.0 51.0  
54 47.4 46.9 70.3



#37  
2-Methylnaphthalene  
Concen: 6.302 ng  
RT: 8.951 min Scan# 1133  
Delta R.T. -0.006 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion: 142 Resp: 120080  
Ion Ratio Lower Upper  
142 100  
141 88.9 71.0 106.4





#38

1-Methylnaphthalene

Concen: 5.551 ng

RT: 9.051 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

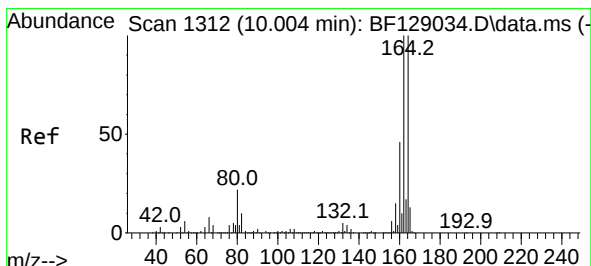
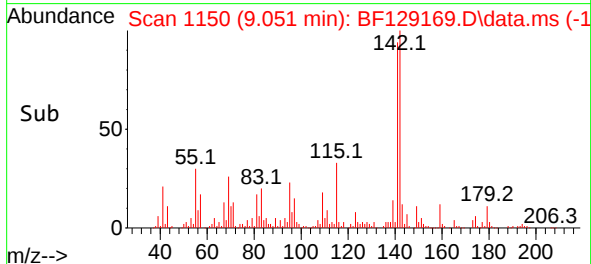
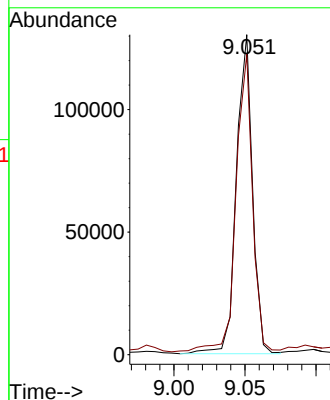
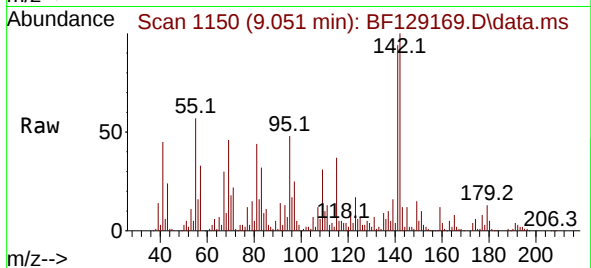
RB-21199

Tgt Ion:142 Resp: 102719

Ion Ratio Lower Upper

142 100

141 93.8 74.2 111.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

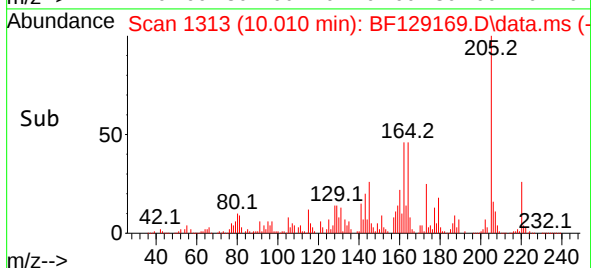
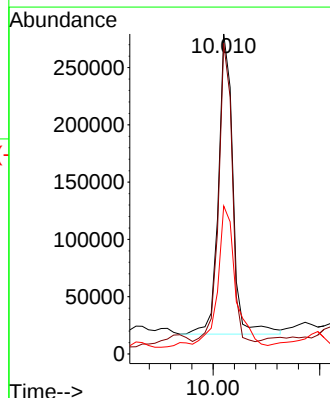
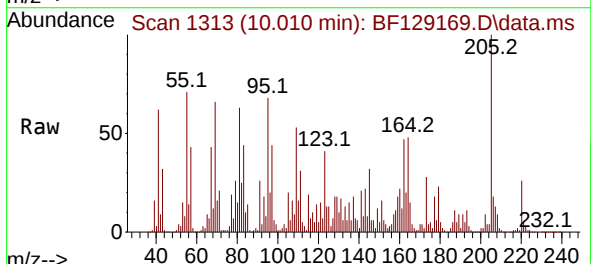
Tgt Ion:164 Resp: 246403

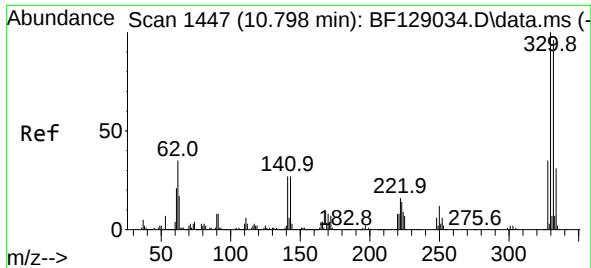
Ion Ratio Lower Upper

164 100

162 97.1 79.5 119.3

160 46.3 34.2 51.4

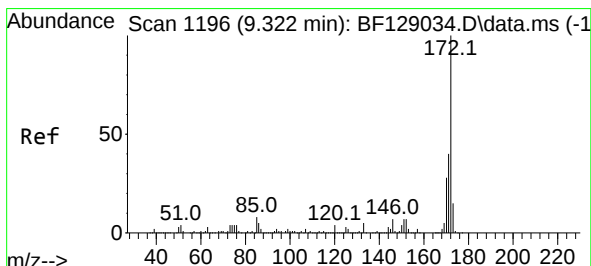
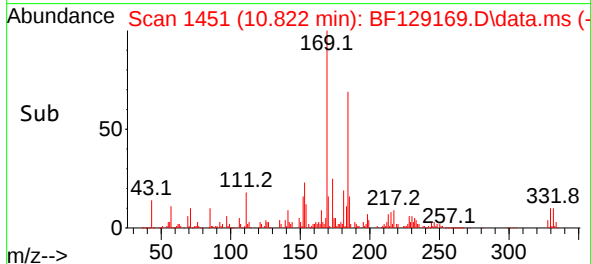
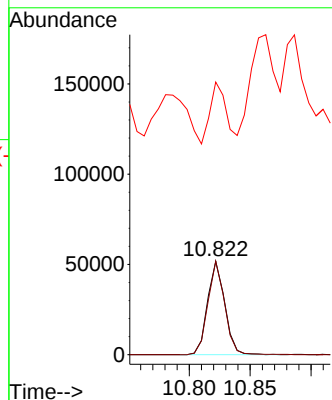
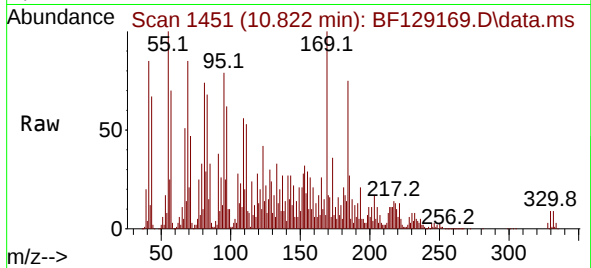




#42  
2,4,6-Tribromophenol  
Concen: 18.913 ng  
RT: 10.822 min Scan# 1447  
Delta R.T. 0.023 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

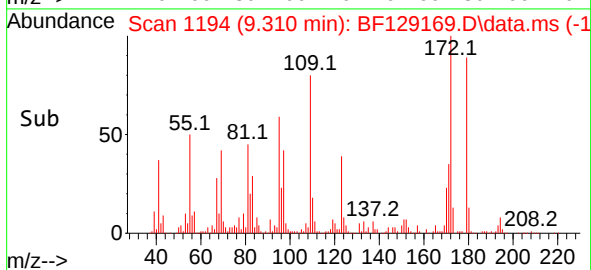
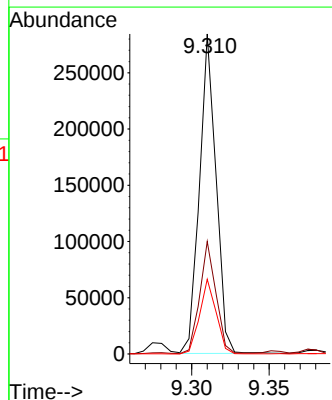
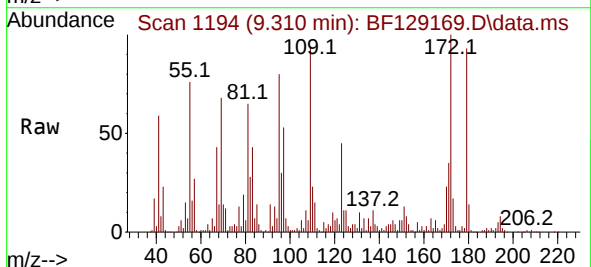
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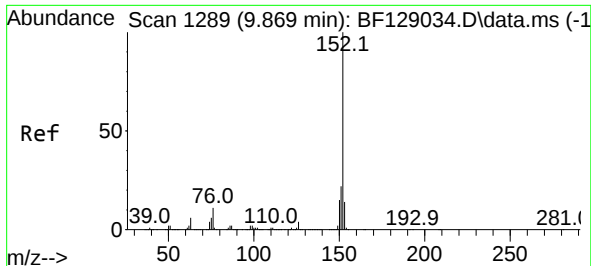
Tgt Ion:330 Resp: 50672  
Ion Ratio Lower Upper  
330 100  
332 97.7 76.8 115.2  
141 61.4 28.0 42.0#



#45  
2-Fluorobiphenyl  
Concen: 13.734 ng  
RT: 9.310 min Scan# 1194  
Delta R.T. -0.012 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion:172 Resp: 211537  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.8 43.2  
170 23.4 19.8 29.8





#49

Acenaphthylene

Concen: 5.259 ng

RT: 9.875 min Scan# 1290

Delta R.T. 0.006 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

RB-21199

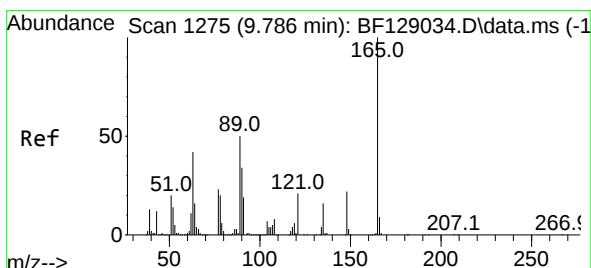
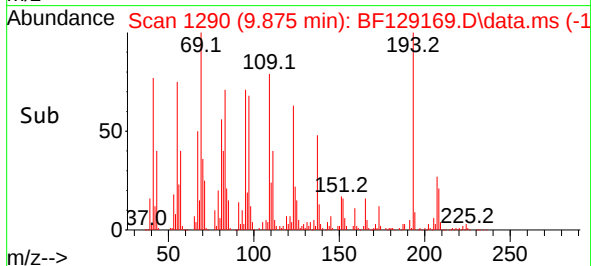
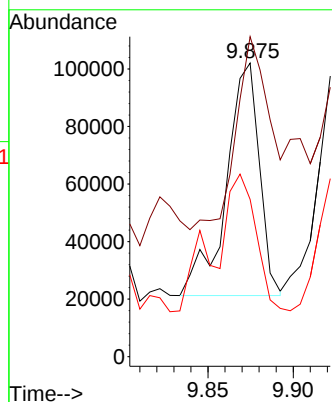
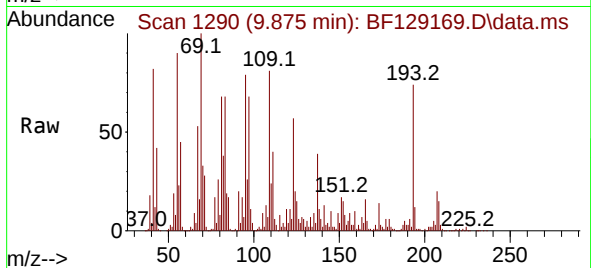
Tgt Ion:152 Resp: 109323

Ion Ratio Lower Upper

152 100

151 109.0 16.2 24.4#

153 53.6 10.7 16.1#



#51

2,6-Dinitrotoluene

Concen: 18.042 ng

RT: 9.804 min Scan# 1278

Delta R.T. 0.018 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

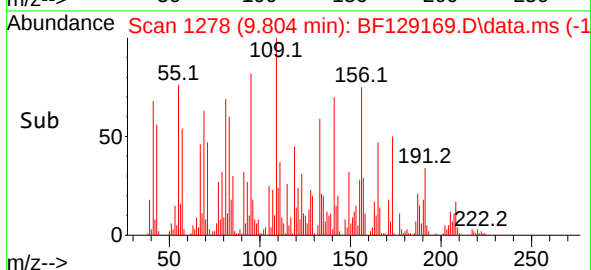
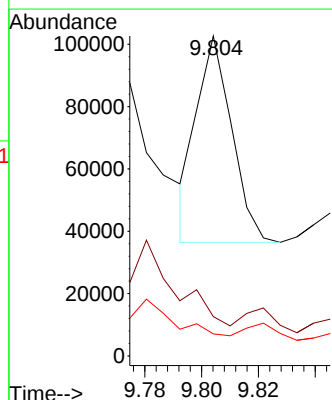
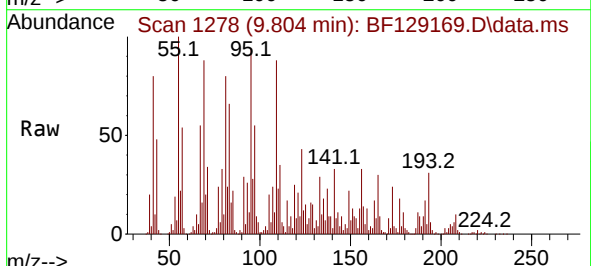
Tgt Ion:165 Resp: 56830

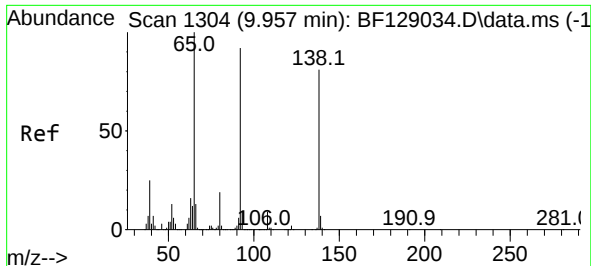
Ion Ratio Lower Upper

165 100

63 12.3 44.9 67.3#

89 6.9 43.6 65.4#





#53

3-Nitroaniline

Concen: 30.418 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

RB-21199

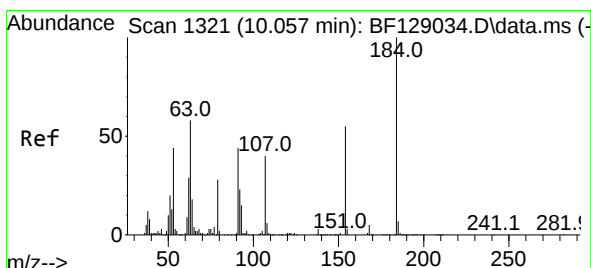
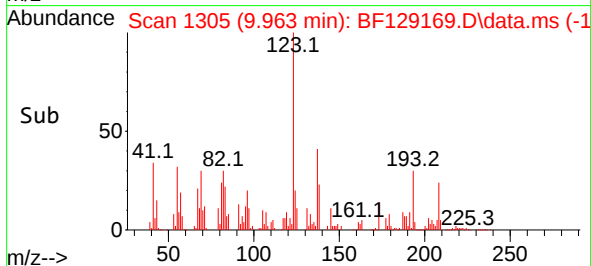
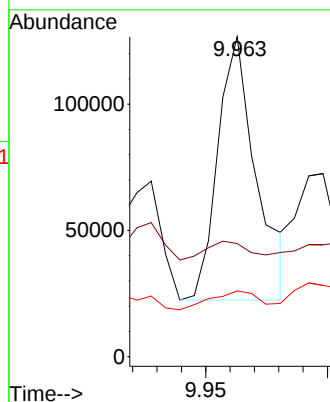
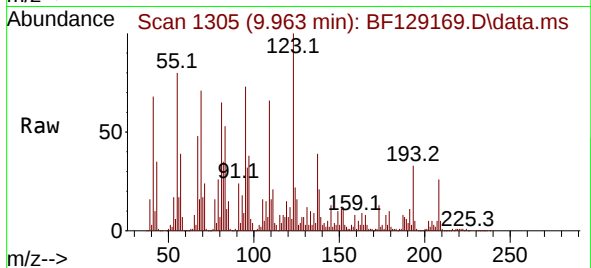
Tgt Ion:138 Resp: 114259

Ion Ratio Lower Upper

138 100

108 35.4 10.9 16.3#

92 20.6 98.2 147.2#



#54

2,4-Dinitrophenol

Concen: 14.520 ng

RT: 10.210 min Scan# 1347

Delta R.T. 0.153 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

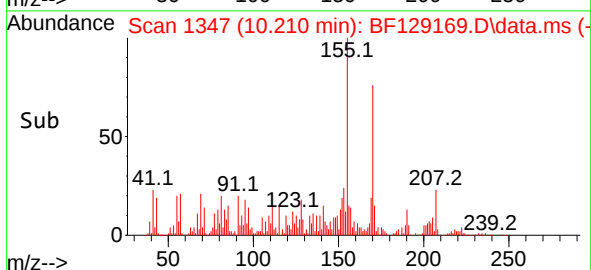
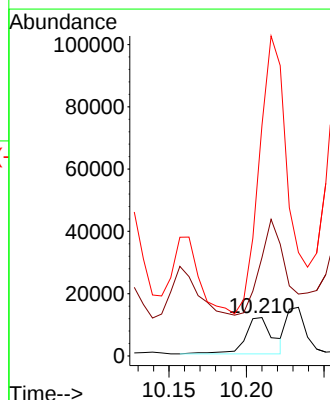
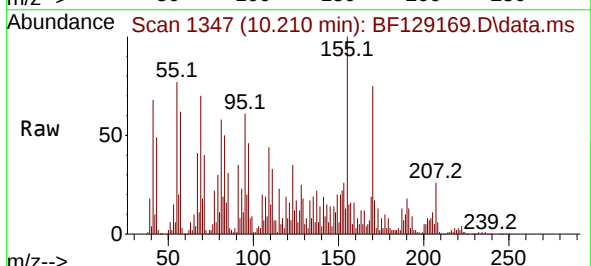
Tgt Ion:184 Resp: 14262

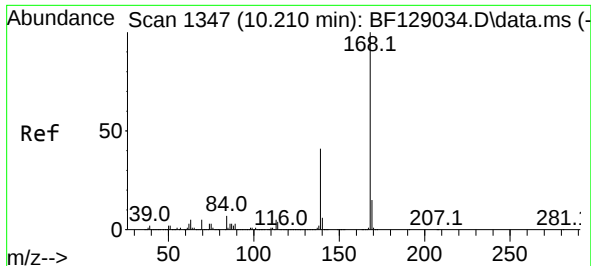
Ion Ratio Lower Upper

184 100

63 255.8 64.5 96.7#

154 599.1 50.6 75.8#

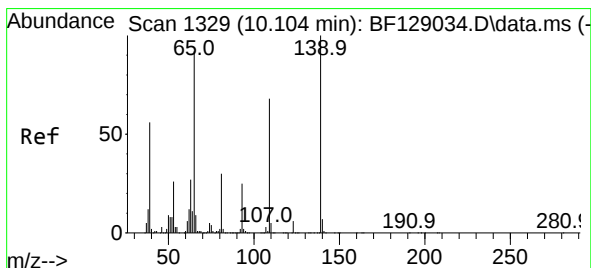
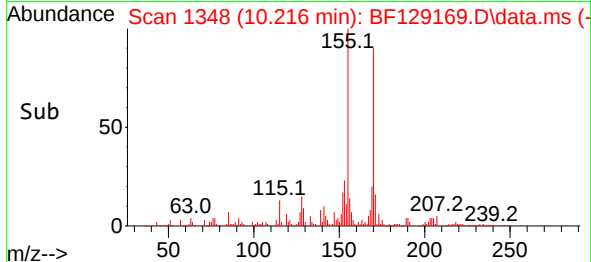
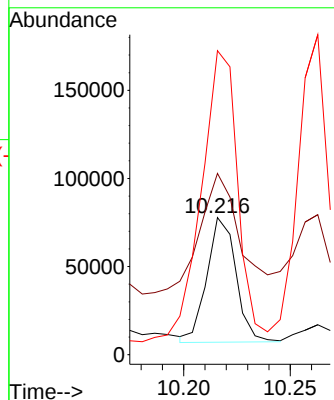
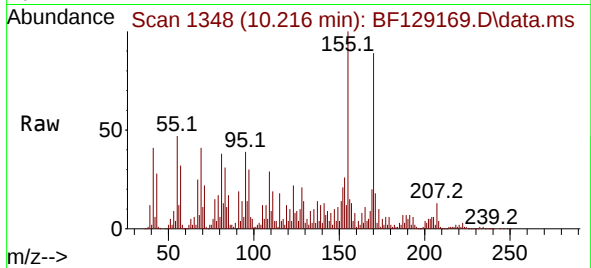




#55  
Dibenzenofuran  
Concen: 3.421 ng  
RT: 10.216 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

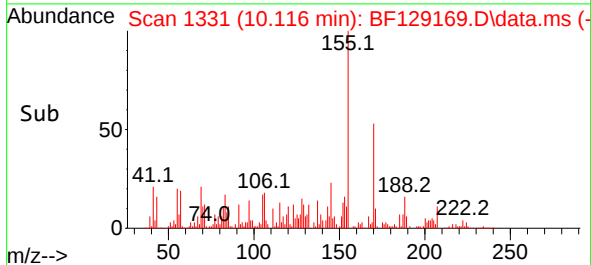
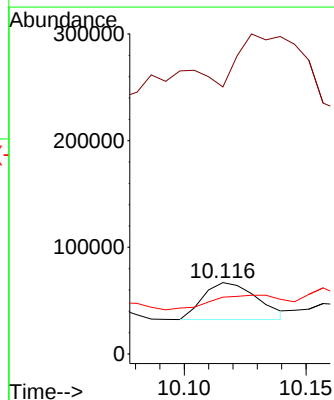
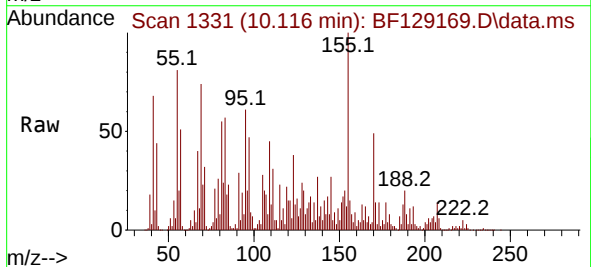
Instrument :  
BNA\_F  
ClientSampleId :  
RB-21199

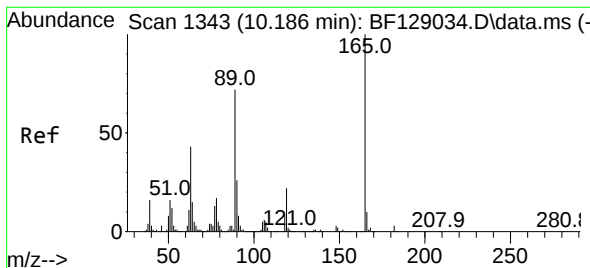
Tgt Ion:168 Resp: 67440  
Ion Ratio Lower Upper  
168 100  
139 132.2 30.6 46.0#  
169 221.7 11.0 16.6#



#56  
4-Nitrophenol  
Concen: 17.486 ng  
RT: 10.116 min Scan# 1331  
Delta R.T. 0.012 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion:139 Resp: 53668  
Ion Ratio Lower Upper  
139 100  
109 374.1 50.7 90.7#  
65 79.5 74.5 114.5

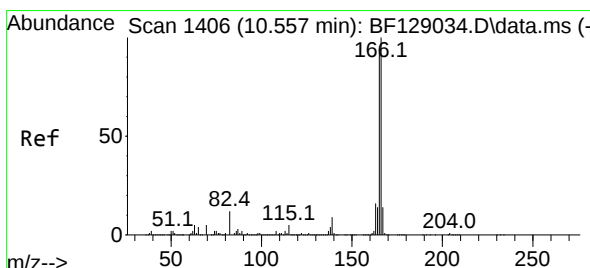
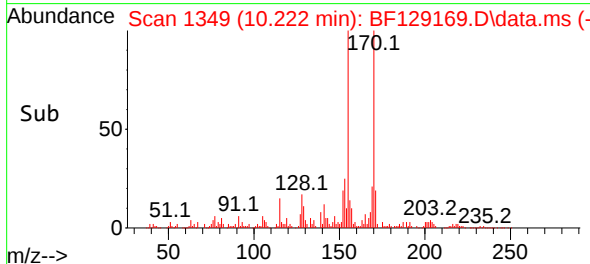
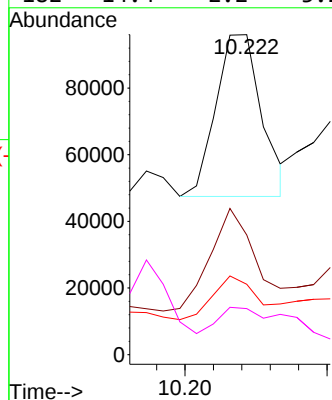
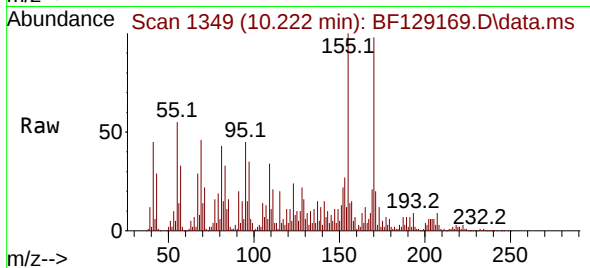




#57  
2,4-Dinitrotoluene  
Concen: 13.990 ng  
RT: 10.222 min Scan# 11  
Delta R.T. 0.035 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

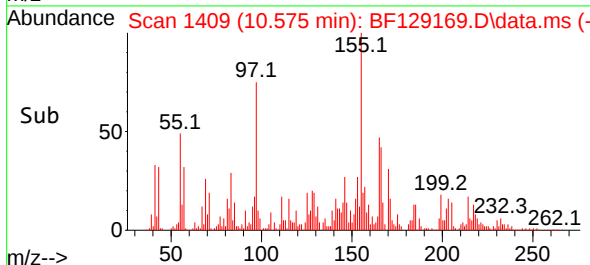
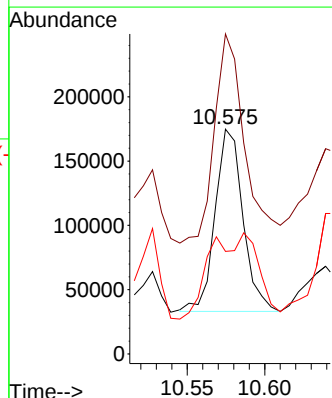
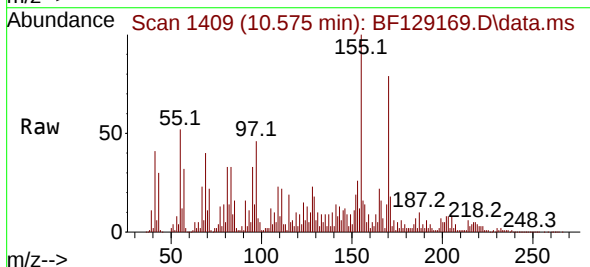
Instrument :  
BNA\_F  
ClientSampleId :  
RB-21199

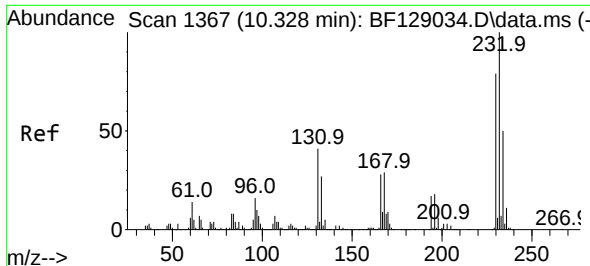
Tgt Ion:165 Resp: 54404  
Ion Ratio Lower Upper  
165 100  
63 37.4 39.8 59.6#  
89 22.0 60.2 90.2#  
182 14.4 2.2 3.2#



#58  
Fluorene  
Concen: 11.600 ng  
RT: 10.575 min Scan# 1409  
Delta R.T. 0.018 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion:166 Resp: 176898  
Ion Ratio Lower Upper  
166 100  
165 142.3 78.1 117.1#  
167 45.6 10.5 15.7#





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.252 ng

RT: 10.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

RB-21199

Tgt Ion:232 Resp: 9362

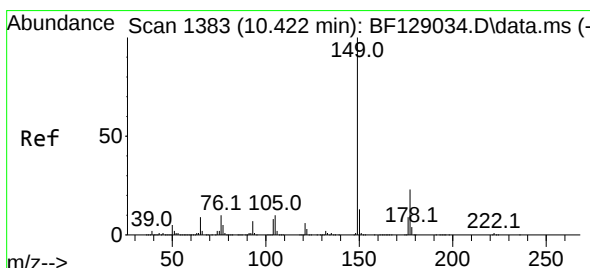
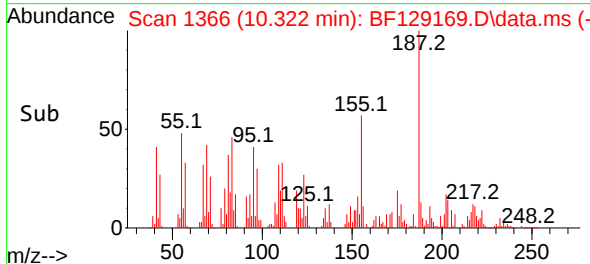
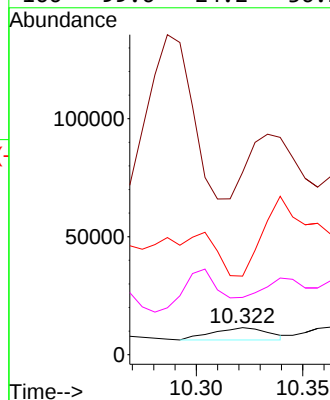
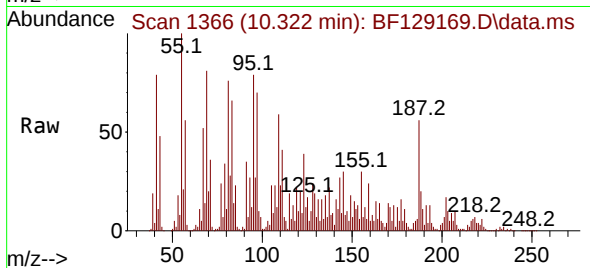
Ion Ratio Lower Upper

232 100

131 453.7 36.1 54.1#

130 652.4 1.8 2.8#

166 99.6 24.2 36.2#



#60

Diethylphthalate

Concen: 5.313 ng

RT: 10.469 min Scan# 1391

Delta R.T. 0.047 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

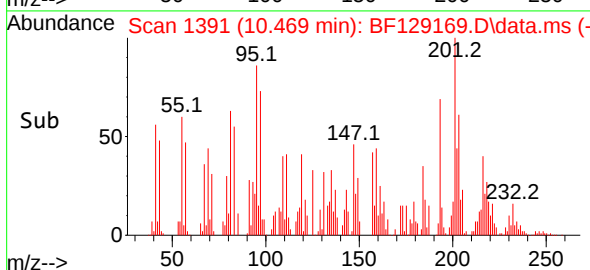
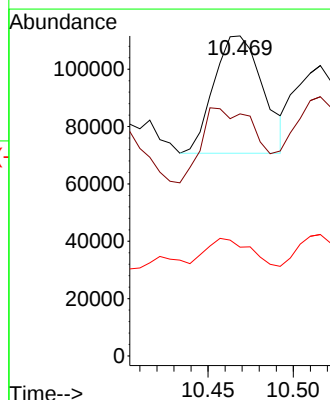
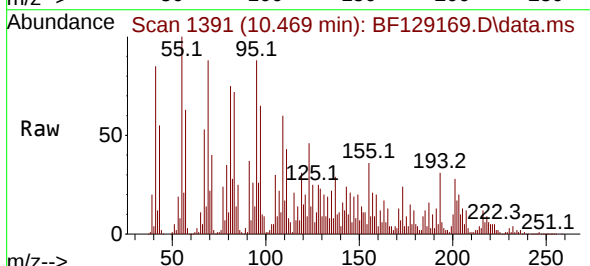
Tgt Ion:149 Resp: 82073

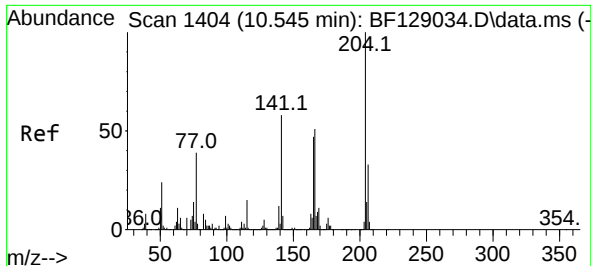
Ion Ratio Lower Upper

149 100

177 75.7 17.3 25.9#

150 34.0 10.2 15.2#

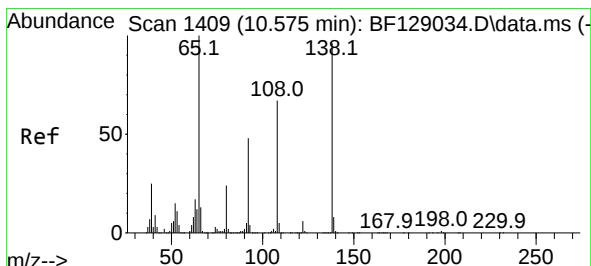
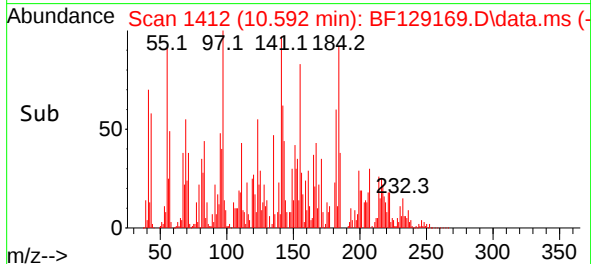
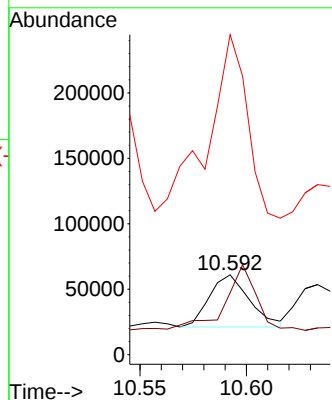
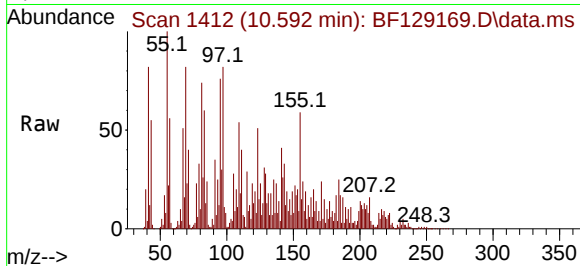




#61  
4-Chlorophenyl-phenylether  
Concen: 6.881 ng  
RT: 10.592 min Scan# 1412  
Delta R.T. 0.047 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

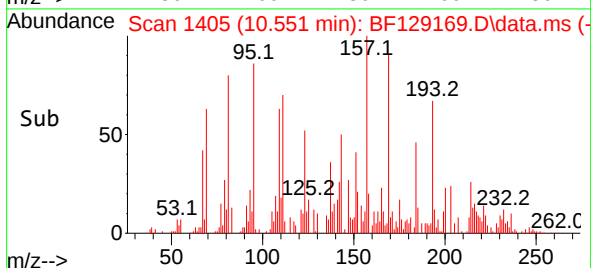
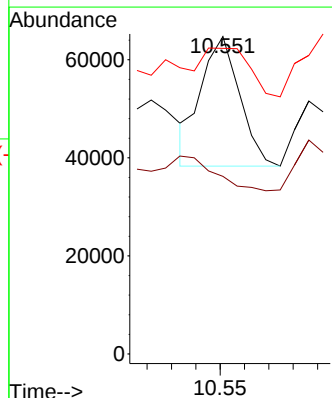
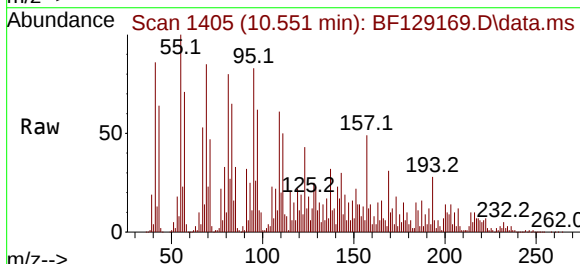
Instrument :  
BNA\_F  
ClientSampleId :  
RB-21199

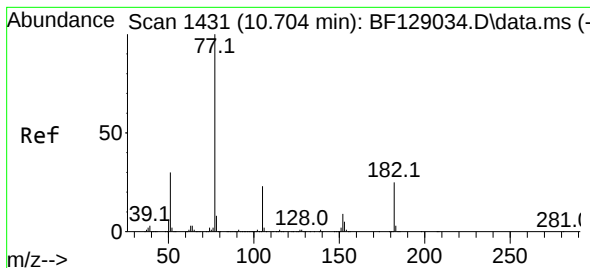
Tgt Ion:204 Resp: 52284  
Ion Ratio Lower Upper  
204 100  
206 77.6 25.8 38.6#  
141 401.1 47.0 70.4#



#62  
4-Nitroaniline  
Concen: 7.827 ng  
RT: 10.551 min Scan# 1405  
Delta R.T. -0.024 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion:138 Resp: 29154  
Ion Ratio Lower Upper  
138 100  
92 56.0 33.5 73.5  
108 96.3 61.0 101.0





#63

Azobenzene

Concen: 2.977 ng

RT: 10.716 min Scan# 1433

Delta R.T. 0.012 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

RB-21199

Tgt Ion: 77 Resp: 45058

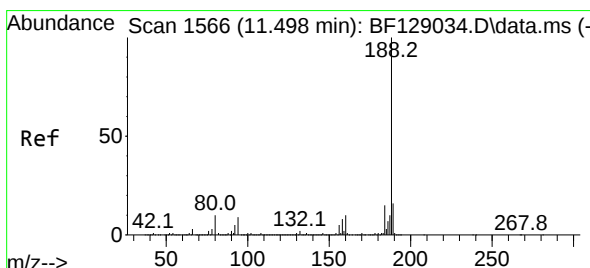
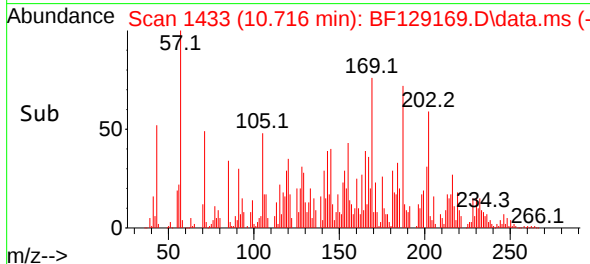
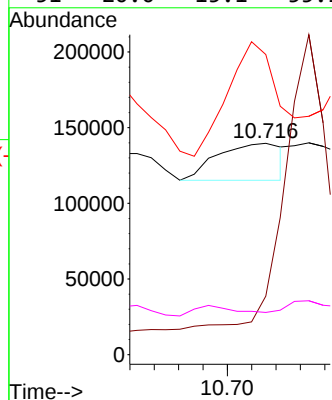
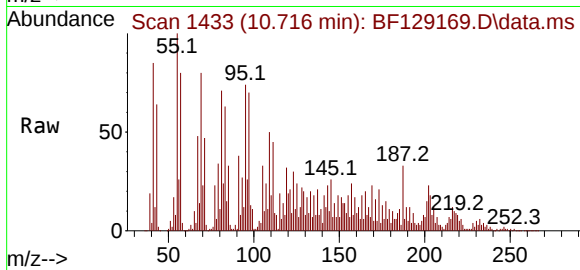
Ion Ratio Lower Upper

77 100

182 27.7 5.6 45.6

105 142.0 1.6 41.6#

51 20.0 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1561

Delta R.T. -0.029 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

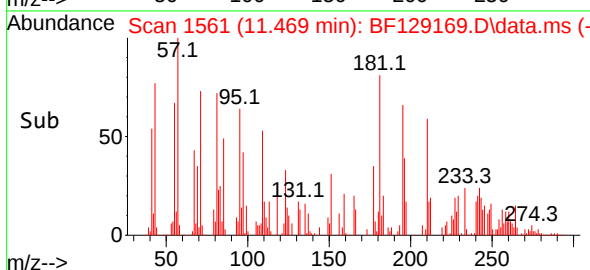
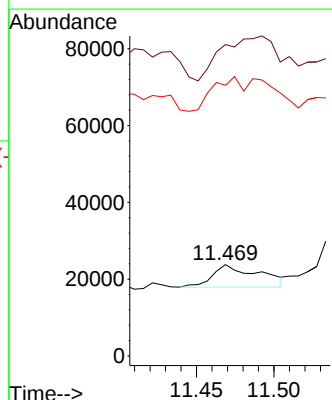
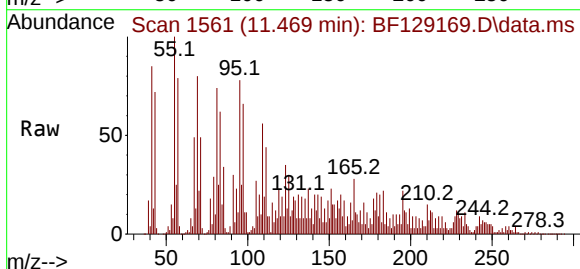
Tgt Ion: 188 Resp: 12098

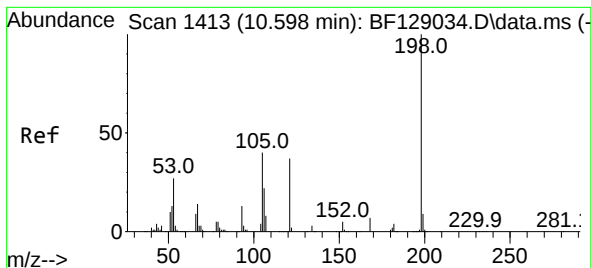
Ion Ratio Lower Upper

188 100

94 340.9 7.0 10.6#

80 296.4 7.6 11.4#

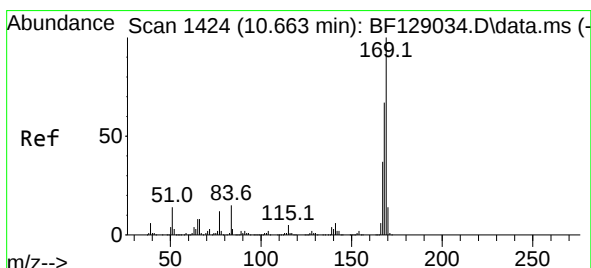
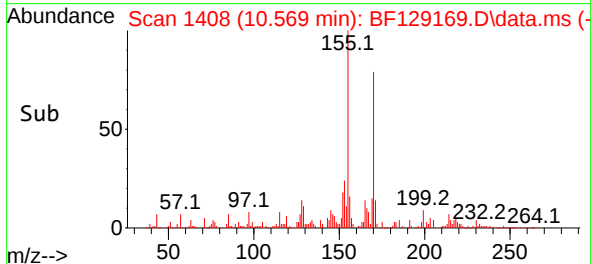
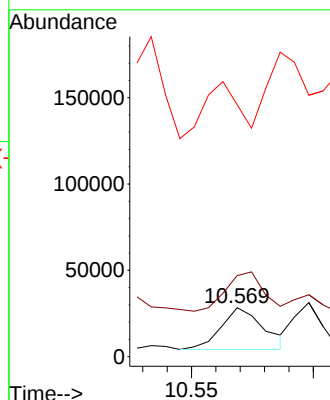
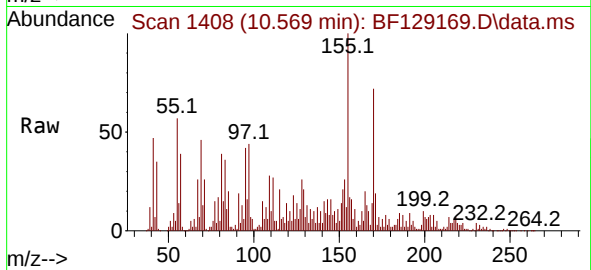




#65  
4,6-Dinitro-2-methylphenol  
Concen: 546.213 ng  
RT: 10.569 min Scan# 1413  
Delta R.T. -0.029 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

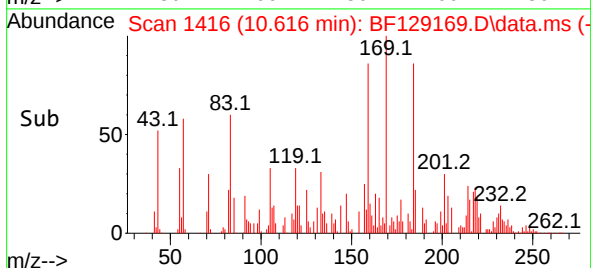
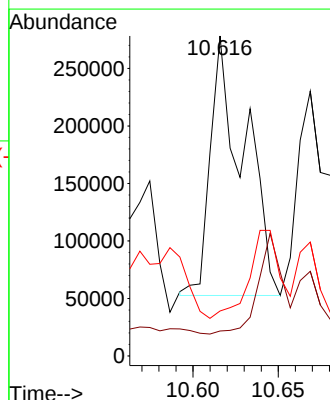
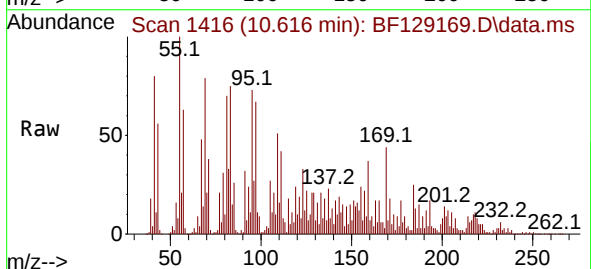
Instrument :  
BNA\_F  
ClientSampleId :  
RB-21199

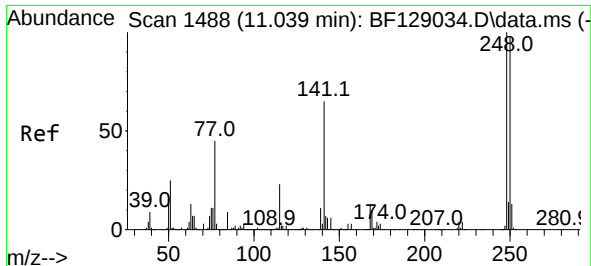
Tgt Ion:198 Resp: 29235  
Ion Ratio Lower Upper  
198 100  
51 165.8 37.6 77.6#  
105 515.0 27.0 67.0#



#66  
n-Nitrosodiphenylamine  
Concen: 849.299 ng  
RT: 10.616 min Scan# 1416  
Delta R.T. -0.047 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion:169 Resp: 312051  
Ion Ratio Lower Upper  
169 100  
168 7.8 50.1 75.1#  
167 14.0 27.9 41.9#

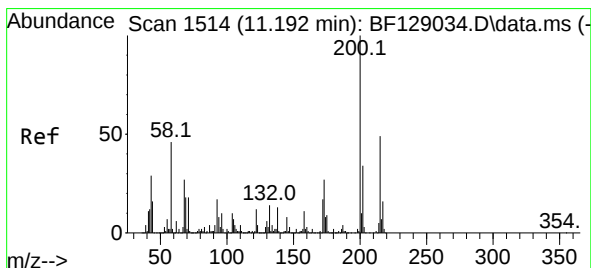
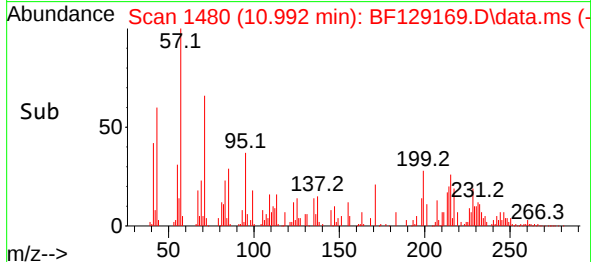
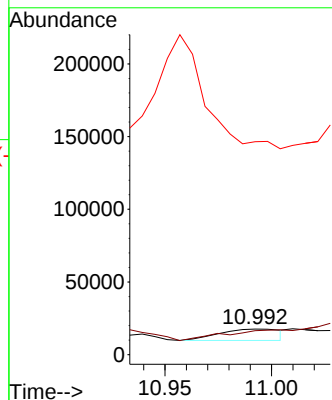
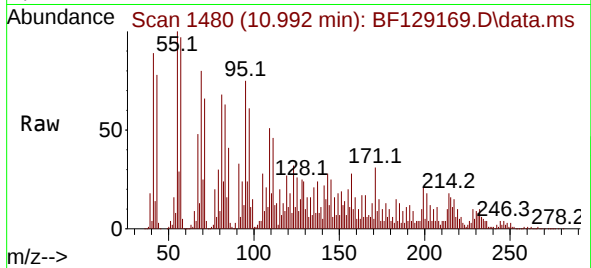




#67  
4-Bromophenyl-phenylether  
Concen: 123.382 ng  
RT: 10.992 min Scan# 1488  
Delta R.T. -0.047 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

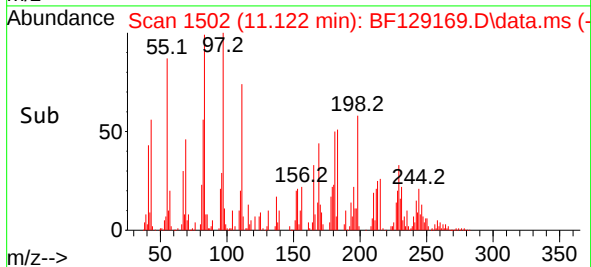
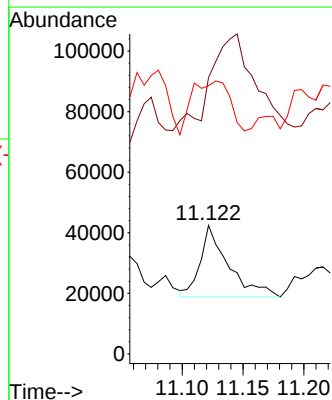
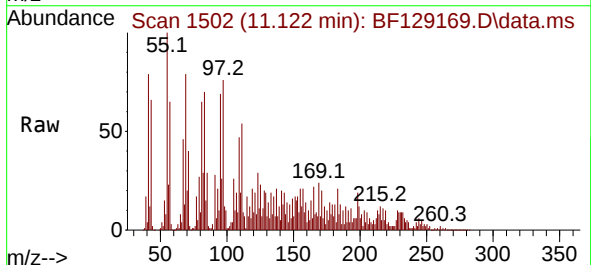
Instrument :  
BNA\_F  
ClientSampleId :  
RB-21199

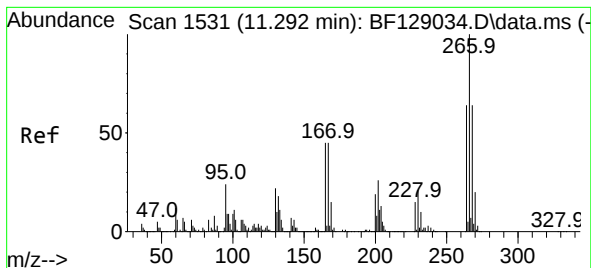
Tgt Ion:248 Resp: 15878  
Ion Ratio Lower Upper  
248 100  
250 93.6 80.6 120.8  
141 830.5 58.9 88.3#



#69  
Atrazine  
Concen: 368.284 ng  
RT: 11.122 min Scan# 1502  
Delta R.T. -0.071 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion:200 Resp: 38077  
Ion Ratio Lower Upper  
200 100  
173 214.8 6.3 46.3#  
215 208.5 28.3 68.3#





#70

Pentachlorophenol

Concen: 26.432 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

RB-21199

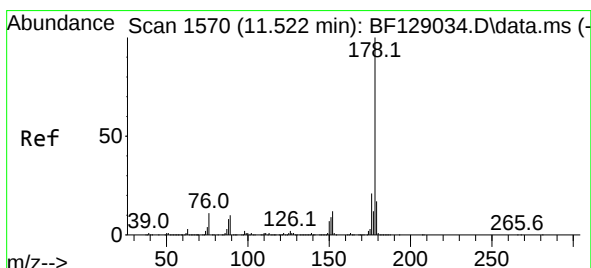
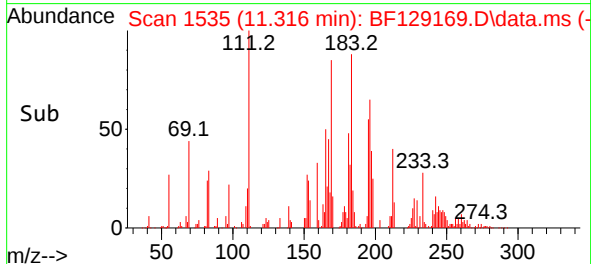
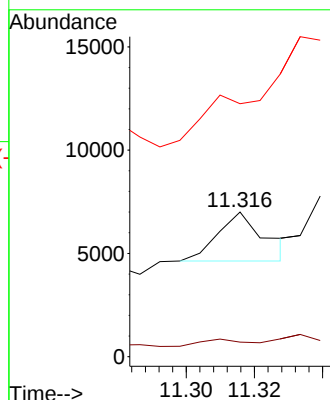
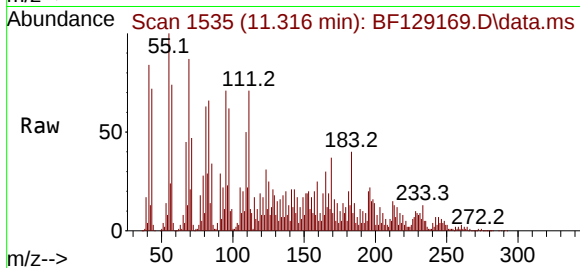
Tgt Ion:266 Resp: 2256

Ion Ratio Lower Upper

266 100

268 10.1 51.0 76.4#

264 175.0 49.4 74.2#



#71

Phenanthrene

Concen: 65.246 ng

RT: 11.463 min Scan# 1560

Delta R.T. -0.059 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

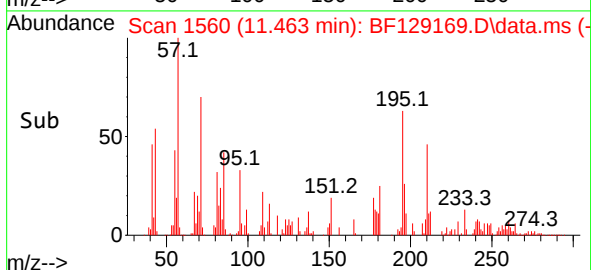
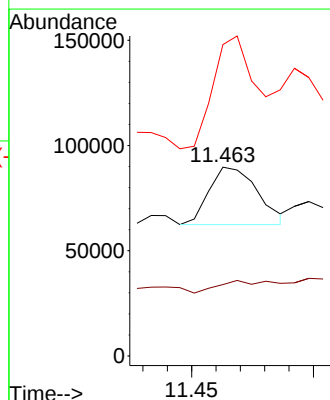
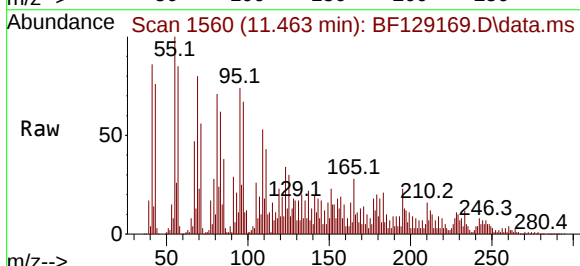
Tgt Ion:178 Resp: 37715

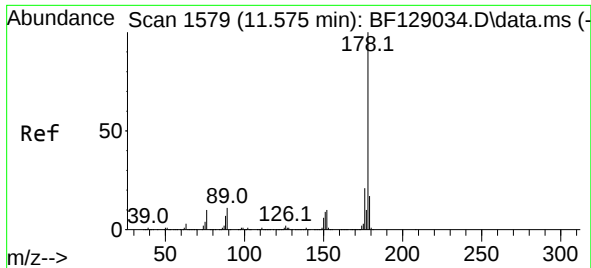
Ion Ratio Lower Upper

178 100

176 37.8 16.0 24.0#

179 164.9 12.6 19.0#

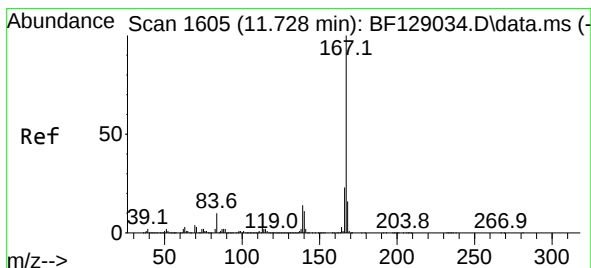
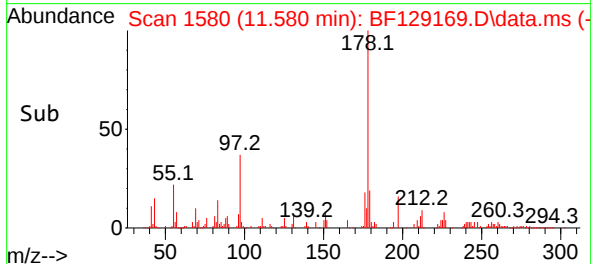
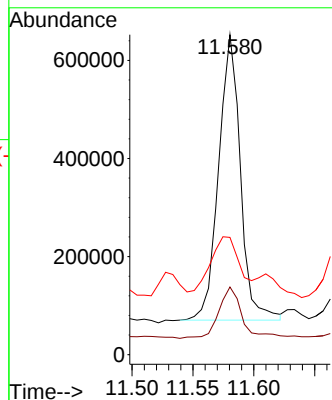
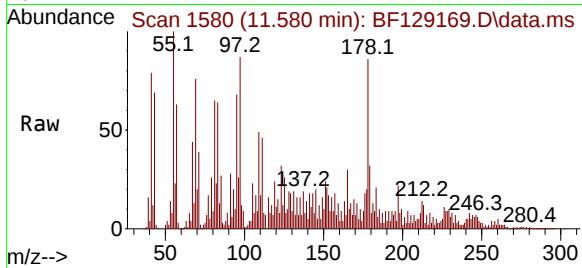




#72  
 Anthracene  
 Concen: 1270.823 ng  
 RT: 11.580 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: BF129169.D  
 Acq: 07 Jul 2022 20:35

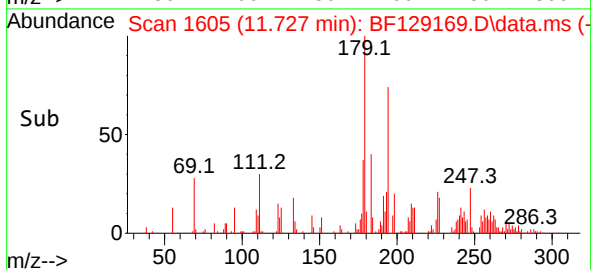
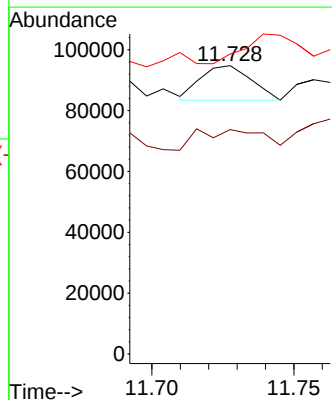
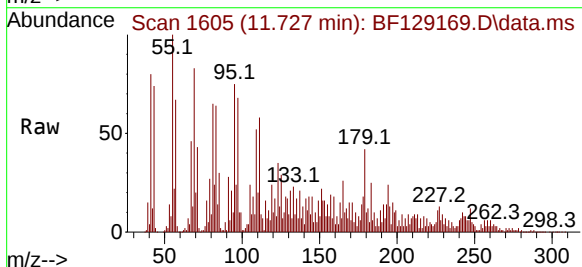
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB-21199

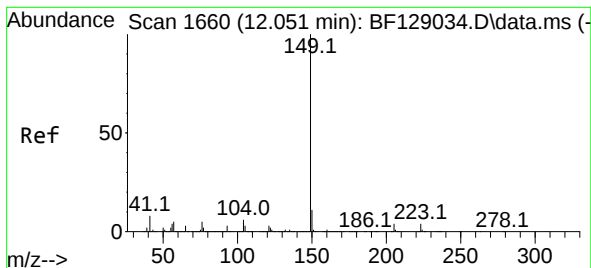
Tgt Ion:178 Resp: 724255  
 Ion Ratio Lower Upper  
 178 100  
 176 21.2 15.4 23.2  
 179 36.6 12.6 19.0#



#73  
 Carbazole  
 Concen: 24.517 ng  
 RT: 11.727 min Scan# 1605  
 Delta R.T. -0.000 min  
 Lab File: BF129169.D  
 Acq: 07 Jul 2022 20:35

Tgt Ion:167 Resp: 14001  
 Ion Ratio Lower Upper  
 167 100  
 166 77.8 17.7 26.5#  
 139 104.1 11.2 16.8#





#74

Di-n-butylphthalate

Concen: 39.429 ng

RT: 12.051 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

RB-21199

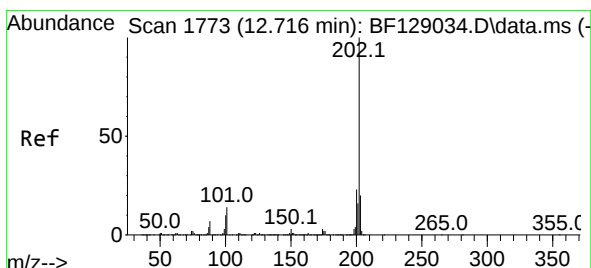
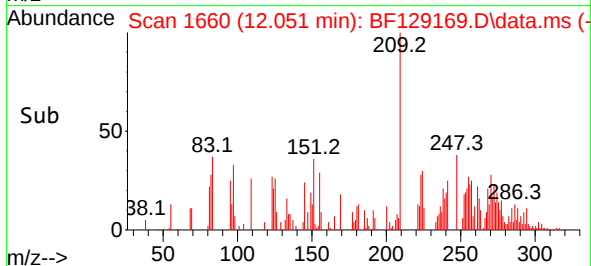
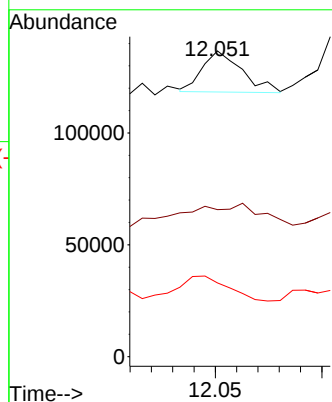
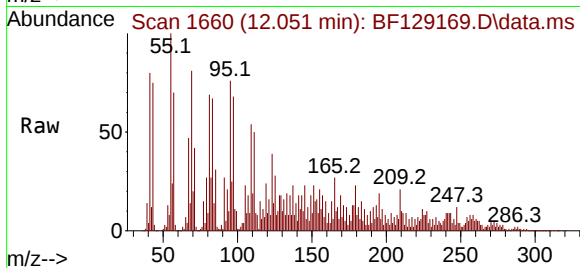
Tgt Ion:149 Resp: 23741

Ion Ratio Lower Upper

149 100

150 48.1 7.5 11.3#

104 24.1 4.4 6.6#



#75

Fluoranthene

Concen: 491.408 ng

RT: 12.792 min Scan# 1786

Delta R.T. 0.076 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

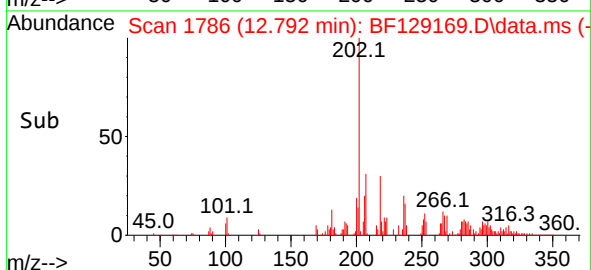
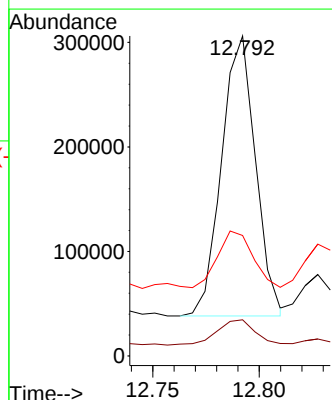
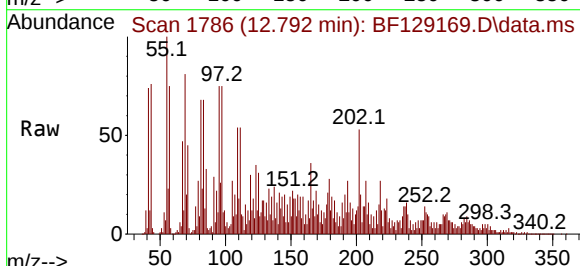
Tgt Ion:202 Resp: 297067

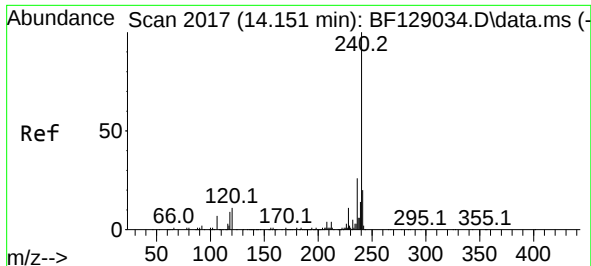
Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.4

203 37.6 0.0 38.0

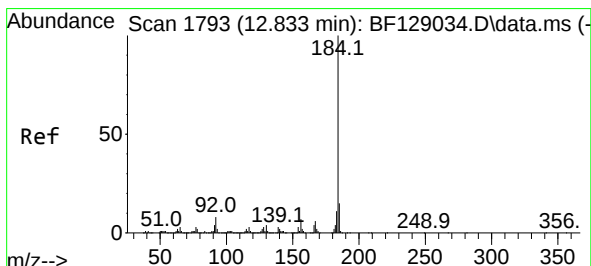
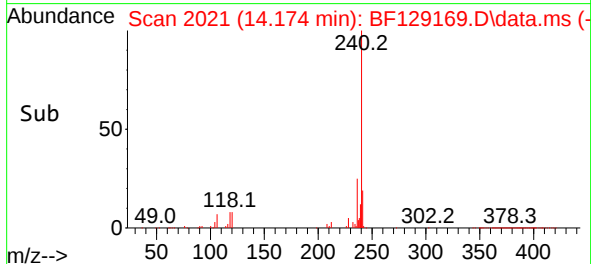
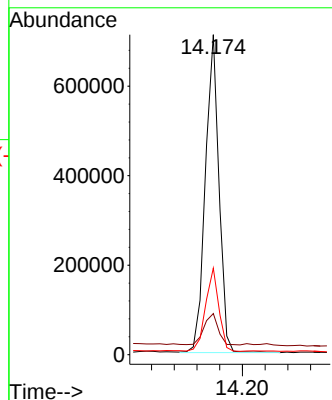
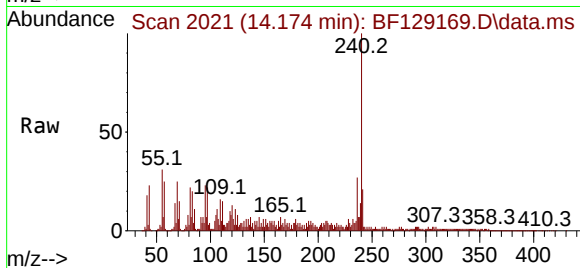




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.174 min Scan# 20  
Delta R.T. 0.023 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

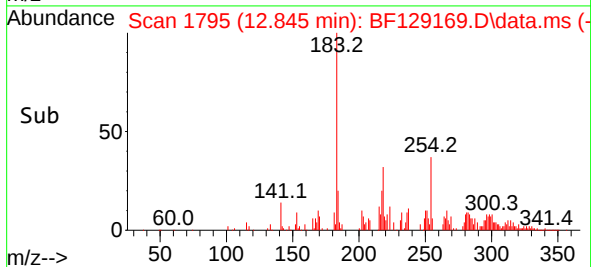
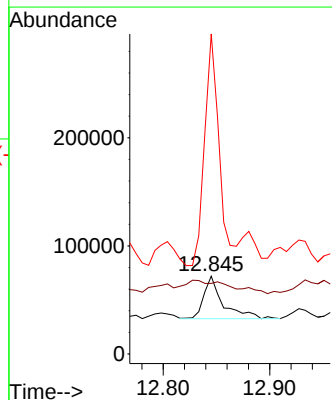
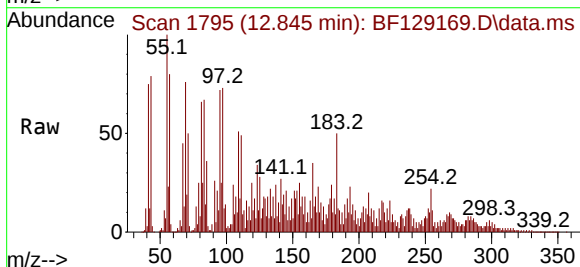
Instrument :  
BNA\_F  
ClientSampleId :  
RB-21199

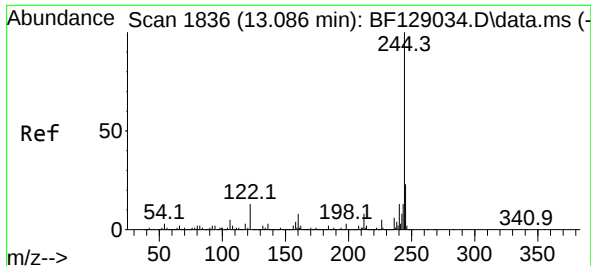
Tgt Ion:240 Resp: 590793  
Ion Ratio Lower Upper  
240 100  
120 12.8 8.9 13.3  
236 27.1 20.8 31.2



#77  
Benzidine  
Concen: 4.703 ng  
RT: 12.845 min Scan# 1795  
Delta R.T. 0.012 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion:184 Resp: 49479  
Ion Ratio Lower Upper  
184 100  
185 90.6 11.9 17.9#  
183 411.1 9.3 13.9#

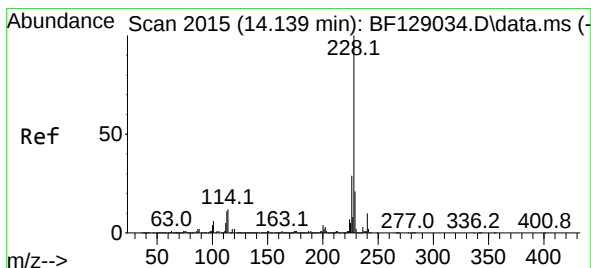
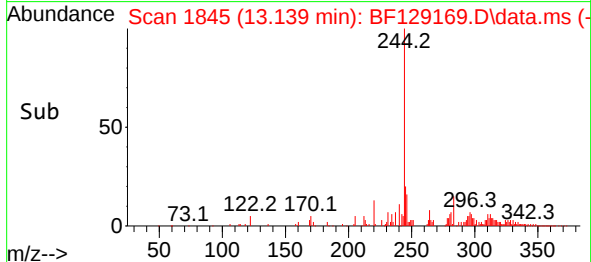
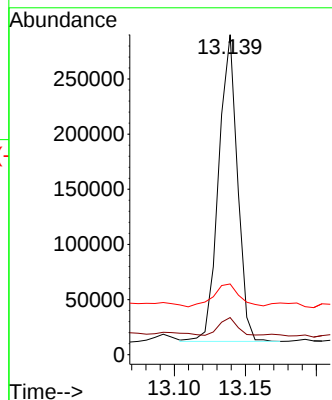
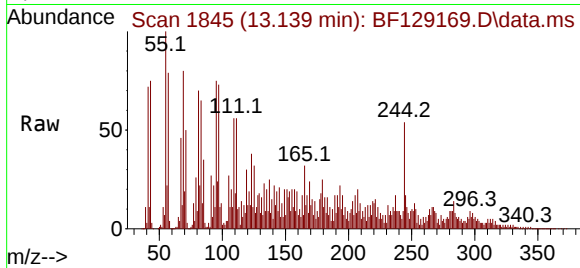




#79  
 Terphenyl-d14  
 Concen: 8.988 ng  
 RT: 13.139 min Scan# 1845  
 Delta R.T. 0.053 min  
 Lab File: BF129169.D  
 Acq: 07 Jul 2022 20:35

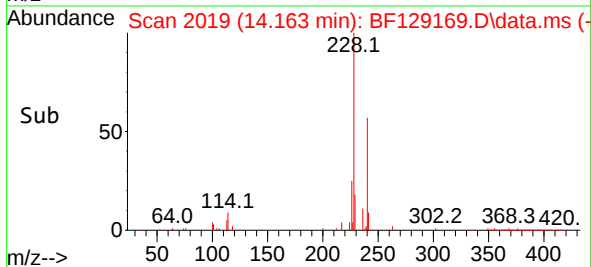
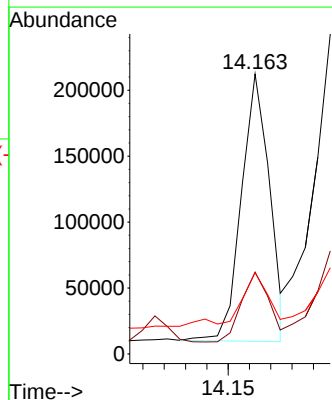
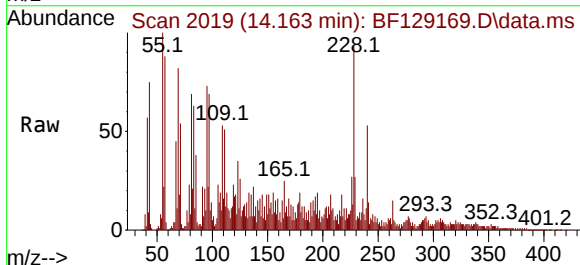
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RB-21199

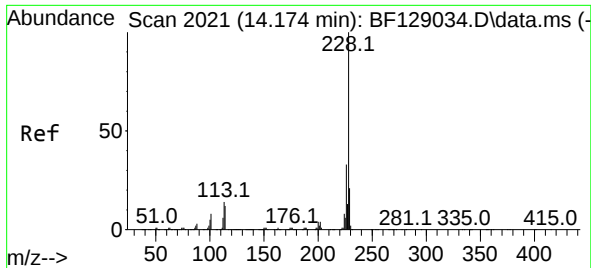
Tgt Ion:244 Resp: 255710  
 Ion Ratio Lower Upper  
 244 100  
 212 11.6 6.1 9.1#  
 122 22.1 8.8 13.2#



#81  
 Benzo(a)anthracene  
 Concen: 5.187 ng  
 RT: 14.163 min Scan# 2019  
 Delta R.T. 0.023 min  
 Lab File: BF129169.D  
 Acq: 07 Jul 2022 20:35

Tgt Ion:228 Resp: 187119  
 Ion Ratio Lower Upper  
 228 100  
 226 29.2 22.1 33.1  
 229 29.1 15.8 23.8#





#83

Chrysene

Concen: 6.527 ng

RT: 14.198 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

RB-21199

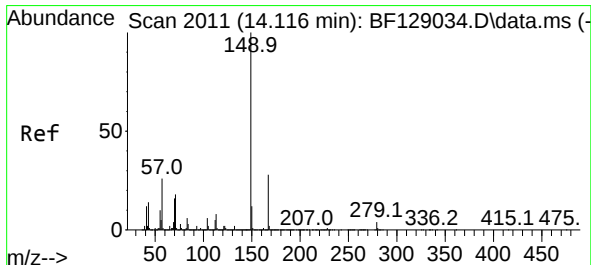
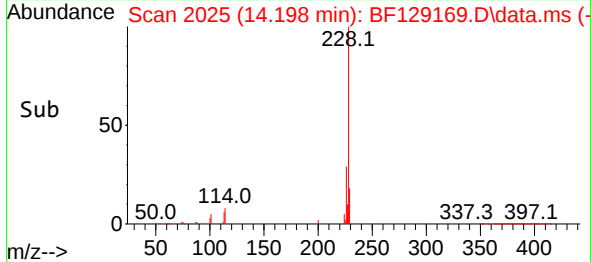
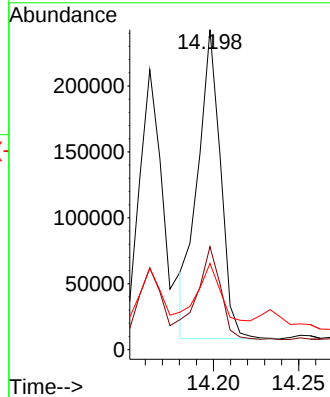
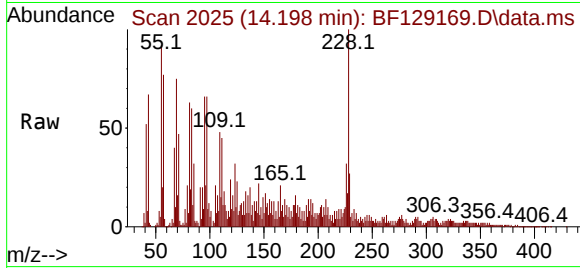
Tgt Ion:228 Resp: 218579

Ion Ratio Lower Upper

228 100

226 32.2 24.3 36.5

229 26.9 15.9 23.9#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.826 ng

RT: 14.121 min Scan# 2012

Delta R.T. 0.006 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

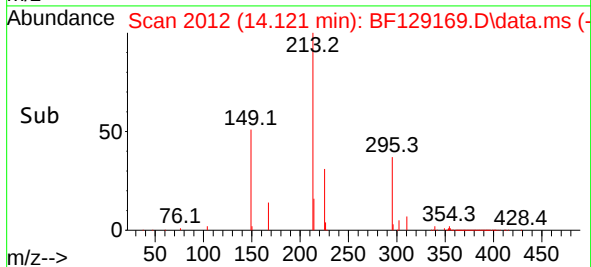
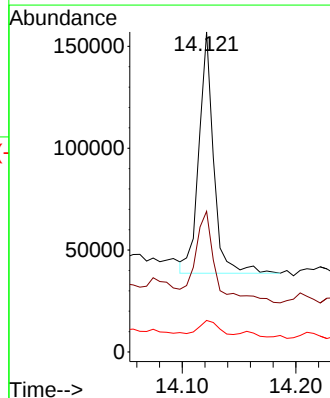
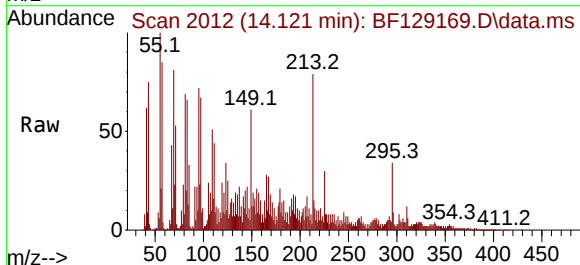
Tgt Ion:149 Resp: 107009

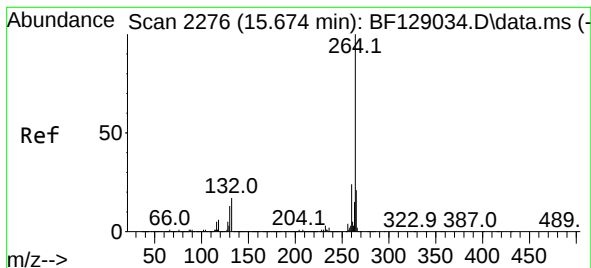
Ion Ratio Lower Upper

149 100

167 43.9 21.0 31.4#

279 9.9 3.1 4.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.674 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

Instrument :

BNA\_F

ClientSampleId :

RB-21199

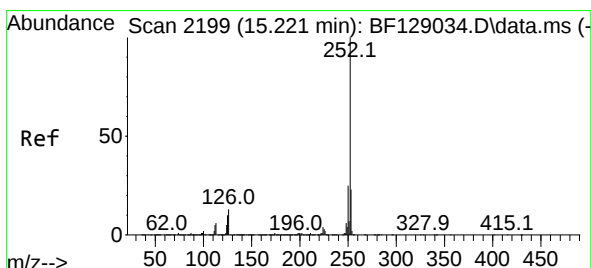
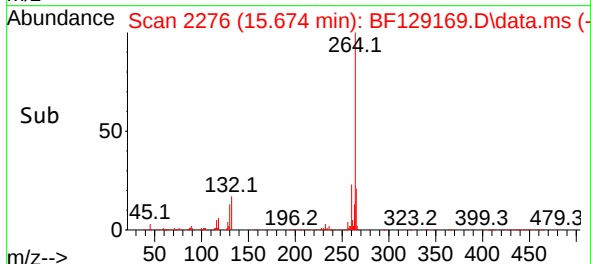
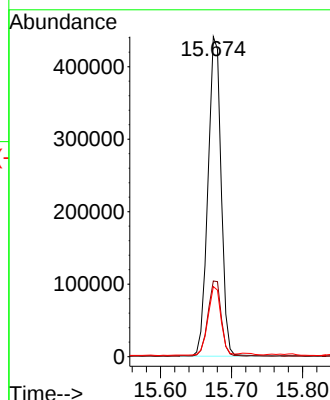
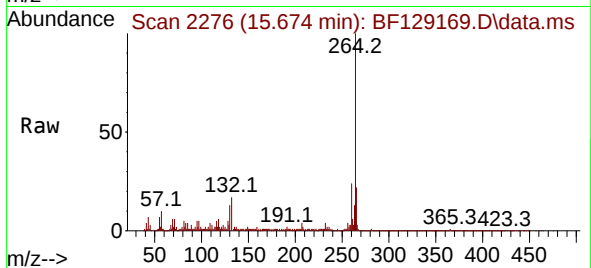
Tgt Ion:264 Resp: 568983

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.9 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 11.042 ng

RT: 15.221 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF129169.D

Acq: 07 Jul 2022 20:35

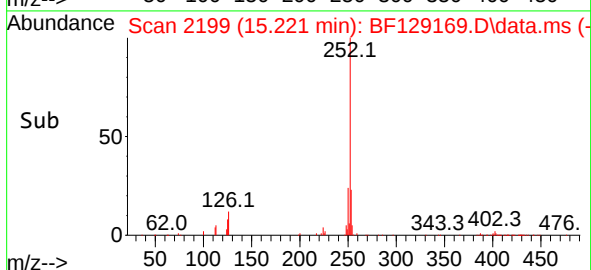
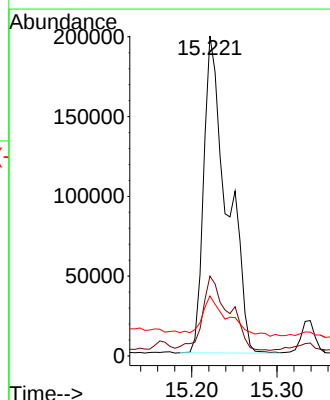
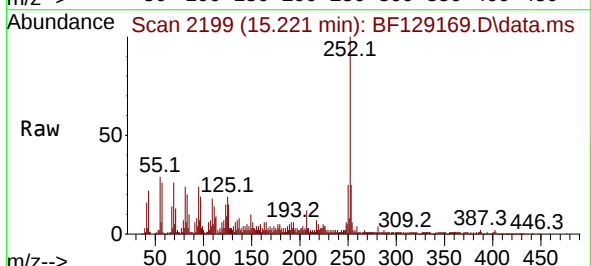
Tgt Ion:252 Resp: 377830

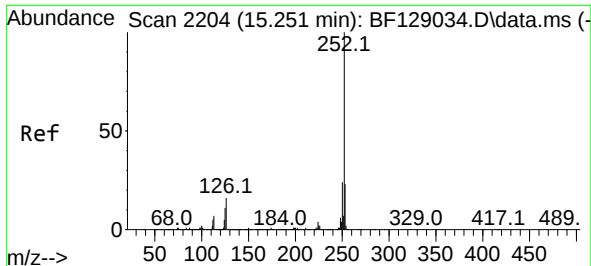
Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

125 18.8 8.0 12.0#

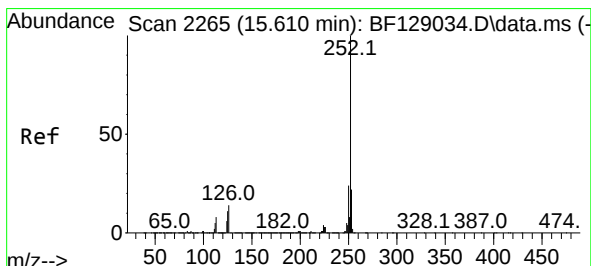
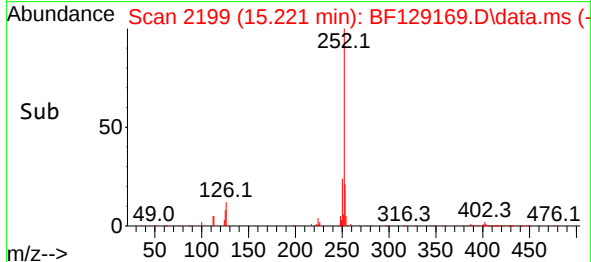
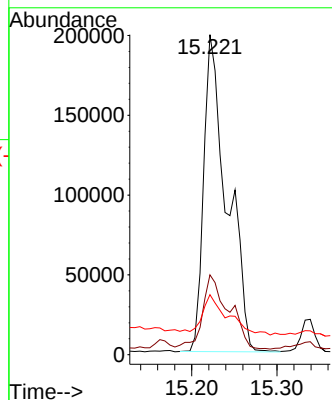
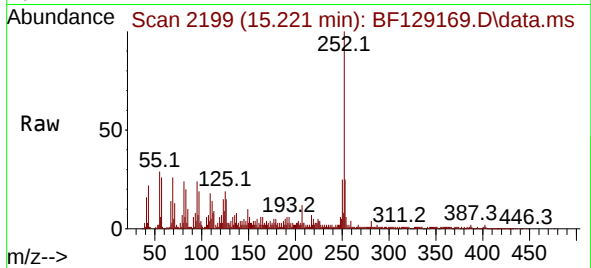




#89  
Benzo(k)fluoranthene  
Concen: 11.384 ng  
RT: 15.221 min Scan# 21199  
Delta R.T. -0.029 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Instrument :  
BNA\_F  
ClientSampleId :  
RB-21199

Tgt Ion:252 Resp: 377830  
Ion Ratio Lower Upper  
252 100  
253 25.0 17.8 26.6  
125 18.8 8.3 12.5#



#90  
Benzo(a)pyrene  
Concen: 3.961 ng  
RT: 15.610 min Scan# 2265  
Delta R.T. -0.000 min  
Lab File: BF129169.D  
Acq: 07 Jul 2022 20:35

Tgt Ion:252 Resp: 110486  
Ion Ratio Lower Upper  
252 100  
253 24.3 17.0 25.6  
125 17.1 8.8 13.2#

