

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051324\  
 Data File : BF137907.D  
 Acq On : 13 May 2024 17:22  
 Operator : CG\JU  
 Sample : P2432-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SW-03-011

Quant Time: May 13 17:59:00 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:25:08 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.039  | 152  | 139078   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8          | 8.322  | 136  | 530604   | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 10.080 | 164  | 301568   | 20.000 | ng    | -0.03    |
| 64) Phenanthrene-d10        | 11.574 | 188  | 552488   | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 14.221 | 240  | 390266   | 20.000 | ng    | -0.03    |
| 86) Perylene-d12            | 15.786 | 264  | 330153   | 20.000 | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.663  | 112  | 730873   | 87.986 | ng    | -0.01    |
| 7) Phenol-d6                | 6.651  | 99   | 911744   | 86.534 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.598  | 82   | 532703   | 58.328 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.874 | 330  | 278677   | 90.506 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 9.398  | 172  | 1131224  | 60.857 | ng    | -0.02    |
| 79) Terphenyl-d14           | 13.162 | 244  | 1413585  | 60.701 | ng    | -0.02    |

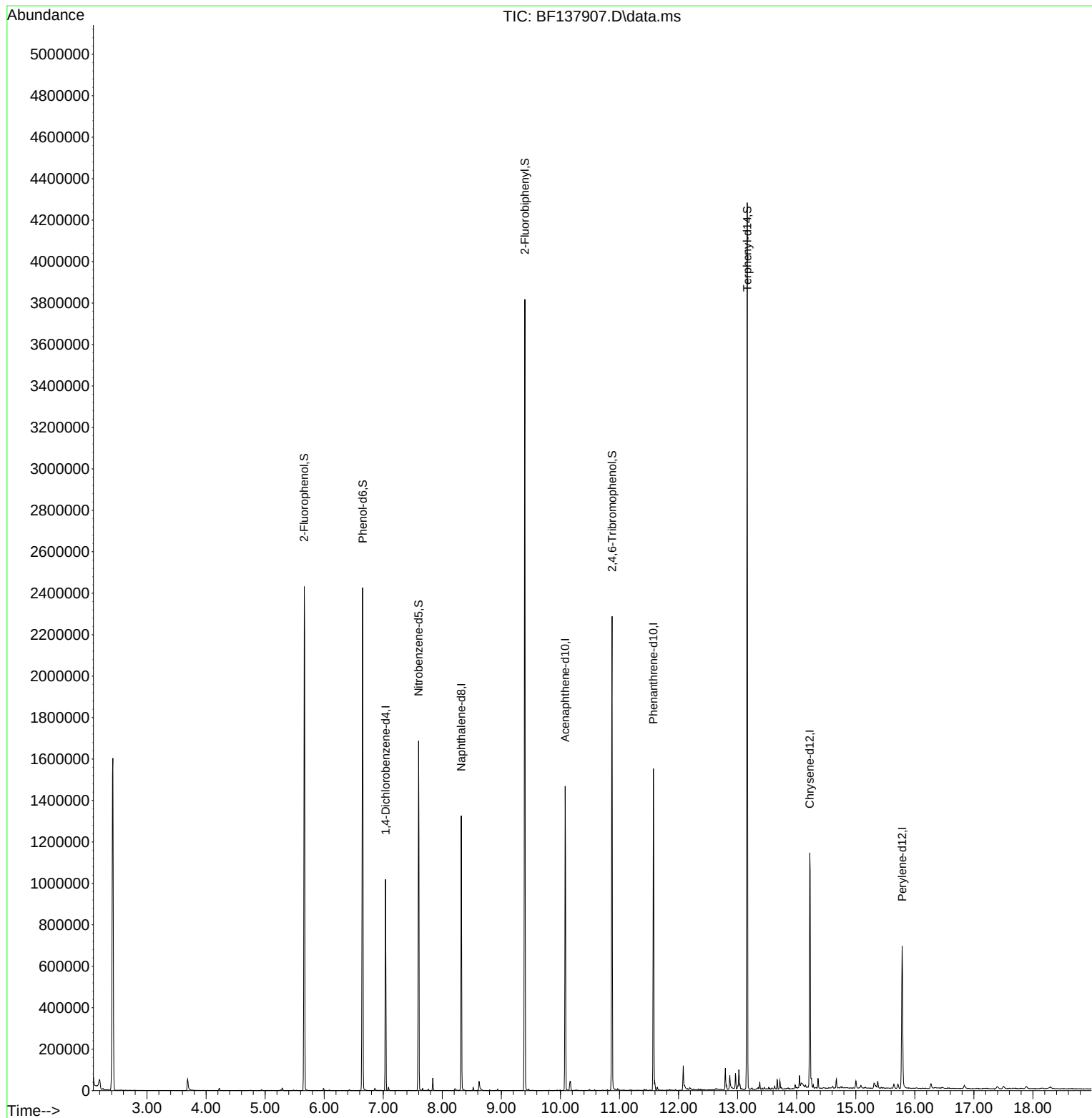
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

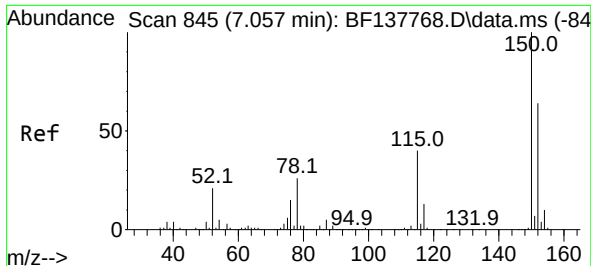
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : P2432-05  
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
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Quant Time: May 13 17:59:00 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 03:25:08 2024  
Response via : Initial Calibration

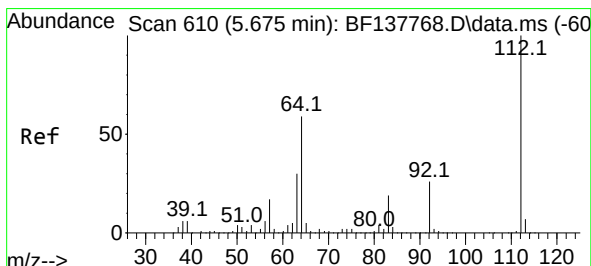
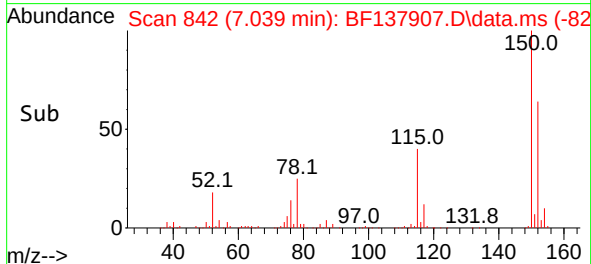
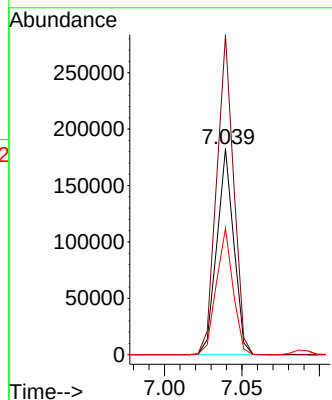
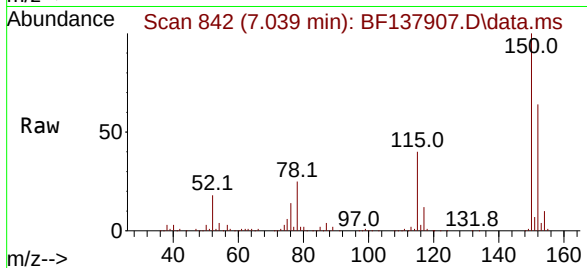




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.039 min Scan# 84  
Delta R.T. -0.018 min  
Lab File: BF137907.D  
Acq: 13 May 2024 17:22

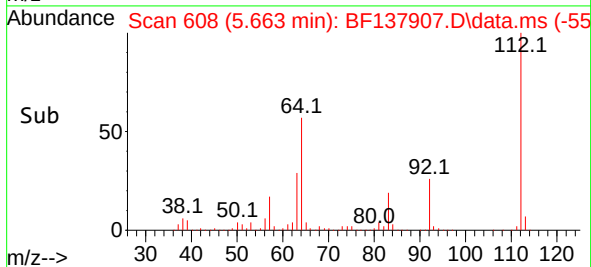
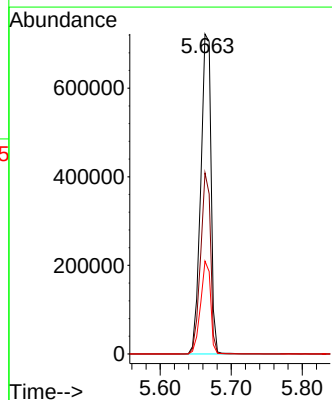
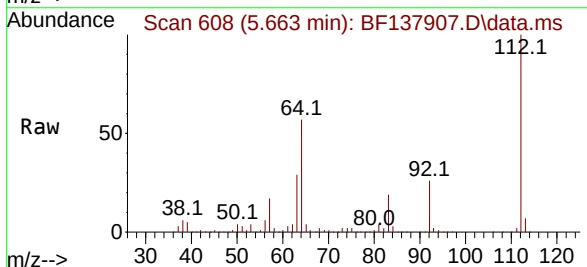
Instrument :  
BNA\_F  
ClientSampleId :  
SW-03-011

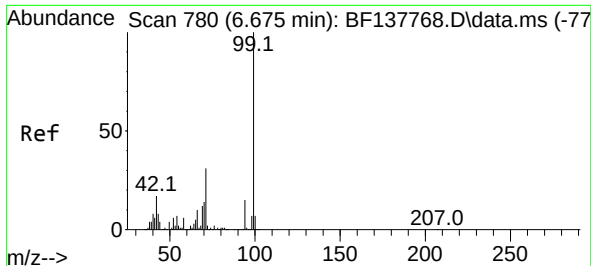
Tgt Ion:152 Resp: 139078  
Ion Ratio Lower Upper  
152 100  
150 155.2 124.1 186.1  
115 61.3 49.1 73.7



#5  
2-Fluorophenol  
Concen: 87.986 ng  
RT: 5.663 min Scan# 608  
Delta R.T. -0.012 min  
Lab File: BF137907.D  
Acq: 13 May 2024 17:22

Tgt Ion:112 Resp: 730873  
Ion Ratio Lower Upper  
112 100  
64 56.6 47.3 70.9  
63 29.0 23.7 35.5

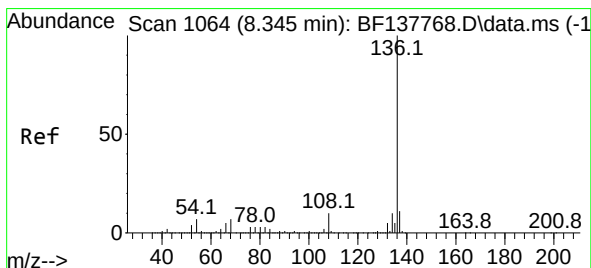
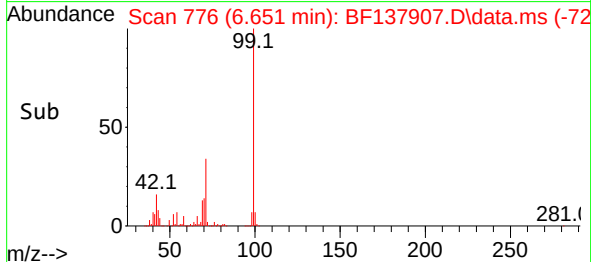
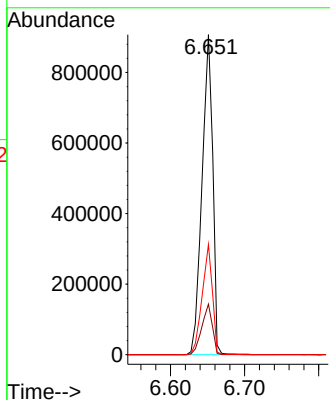
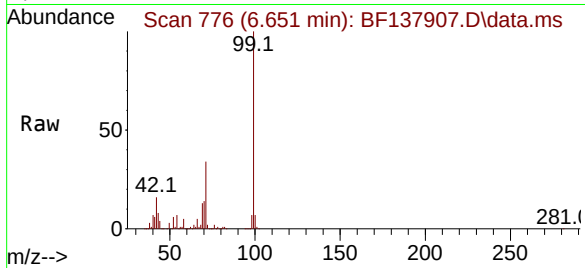




#7  
Phenol-d6  
Concen: 86.534 ng  
RT: 6.651 min Scan# 71  
Delta R.T. -0.024 min  
Lab File: BF137907.D  
Acq: 13 May 2024 17:22

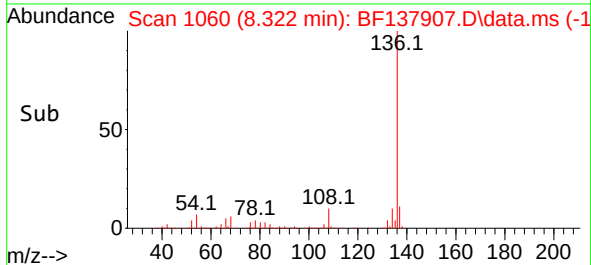
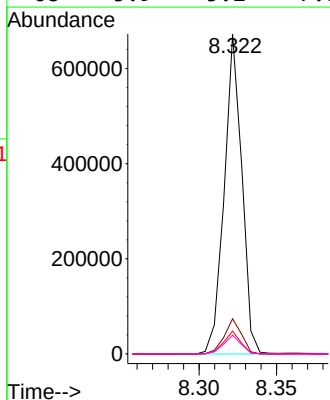
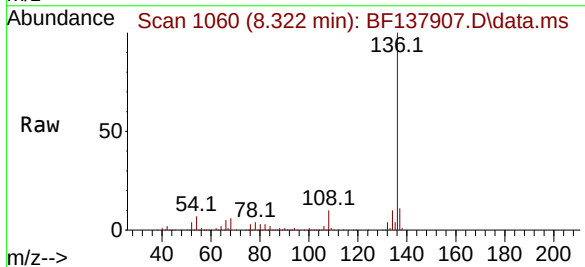
Instrument :  
BNA\_F  
ClientSampleId :  
SW-03-011

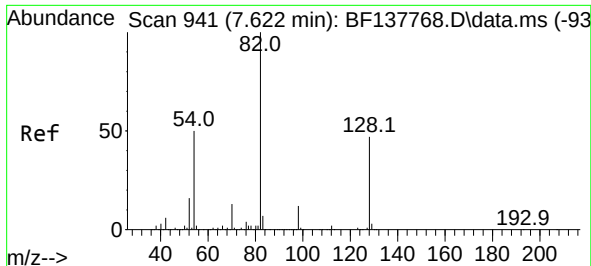
Tgt Ion: 99 Resp: 911744  
Ion Ratio Lower Upper  
99 100  
42 15.8 13.2 19.8  
71 34.5 25.0 37.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.322 min Scan# 1060  
Delta R.T. -0.024 min  
Lab File: BF137907.D  
Acq: 13 May 2024 17:22

Tgt Ion: 136 Resp: 530604  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 7.2 5.8 8.8  
68 5.9 5.2 7.8

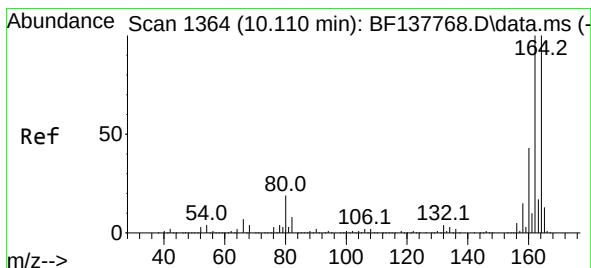
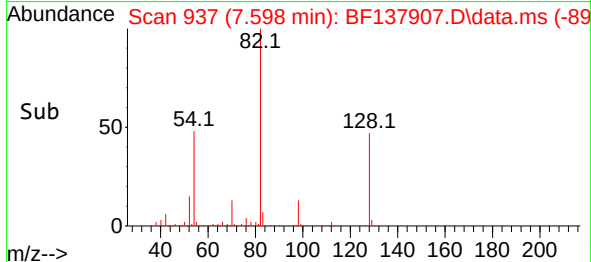
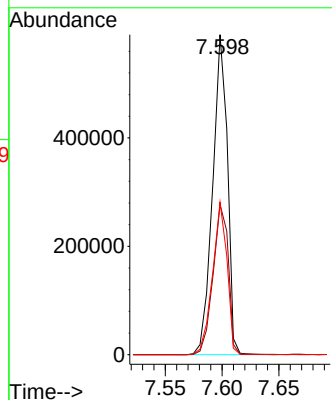
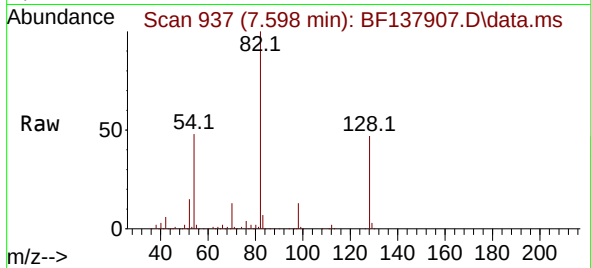




#23  
Nitrobenzene-d5  
Concen: 58.328 ng  
RT: 7.598 min Scan# 91  
Delta R.T. -0.024 min  
Lab File: BF137907.D  
Acq: 13 May 2024 17:22

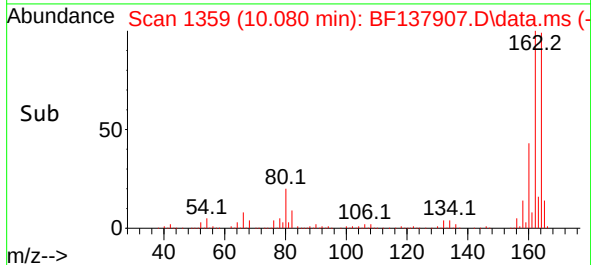
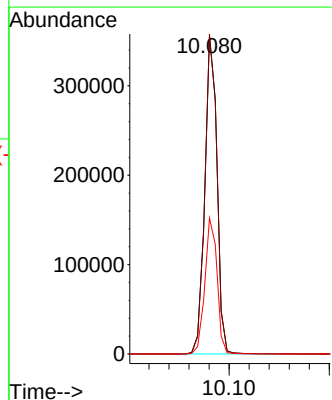
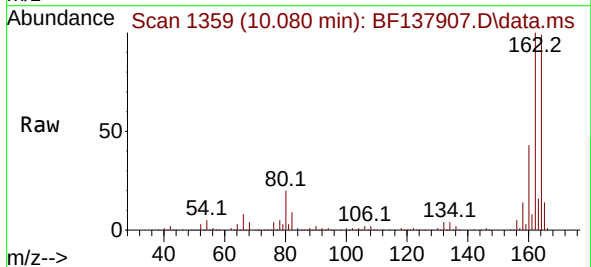
Instrument :  
BNA\_F  
ClientSampleId :  
SW-03-011

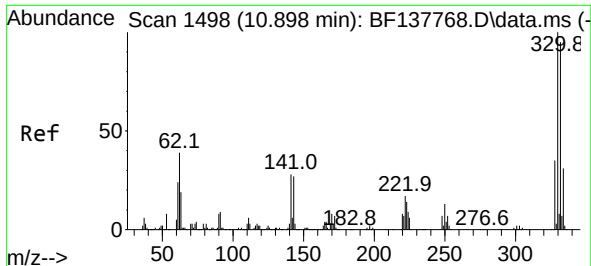
Tgt Ion: 82 Resp: 532703  
Ion Ratio Lower Upper  
82 100  
128 47.0 37.5 56.3  
54 47.6 39.8 59.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.030 min  
Lab File: BF137907.D  
Acq: 13 May 2024 17:22

Tgt Ion:164 Resp: 301568  
Ion Ratio Lower Upper  
164 100  
162 100.6 79.8 119.6  
160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 90.506 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.024 min

Lab File: BF137907.D

Acq: 13 May 2024 17:22

Instrument :

BNA\_F

ClientSampleId :

SW-03-011

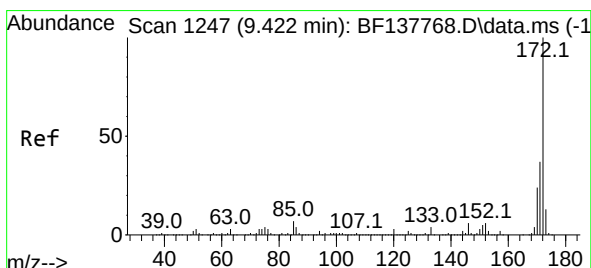
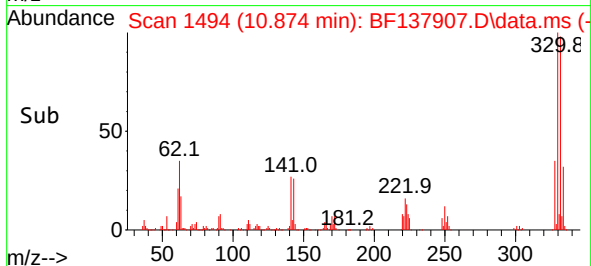
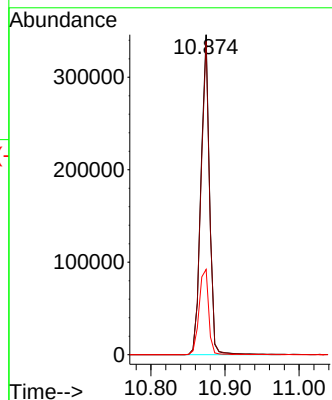
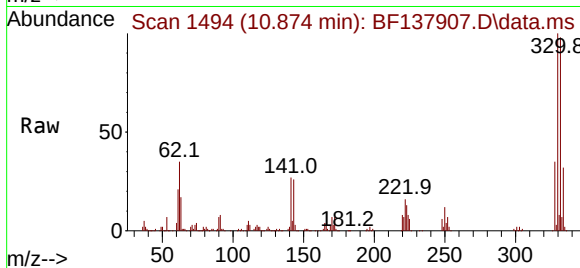
Tgt Ion:330 Resp: 278677

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

141 29.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 60.857 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.024 min

Lab File: BF137907.D

Acq: 13 May 2024 17:22

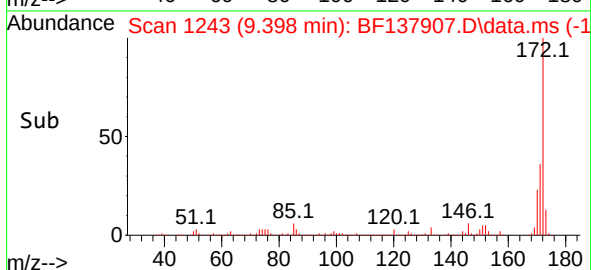
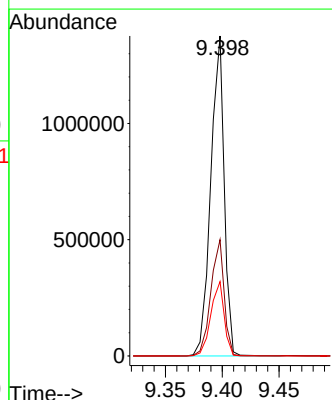
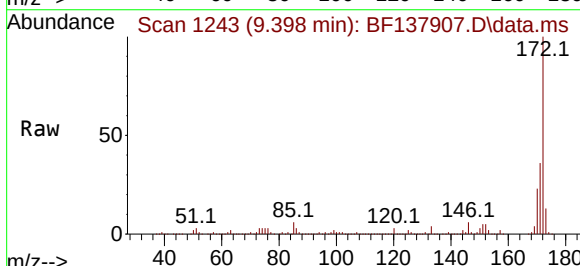
Tgt Ion:172 Resp: 1131224

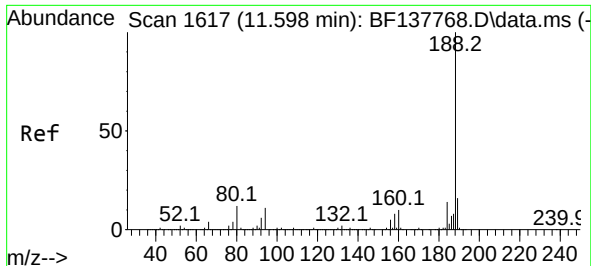
Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

170 23.2 19.4 29.2

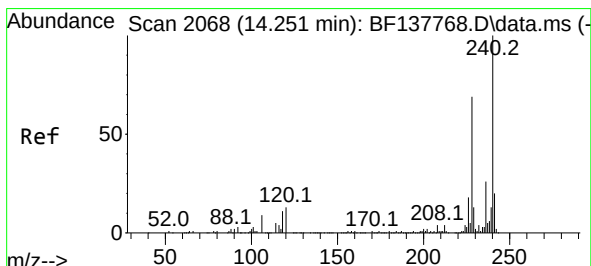
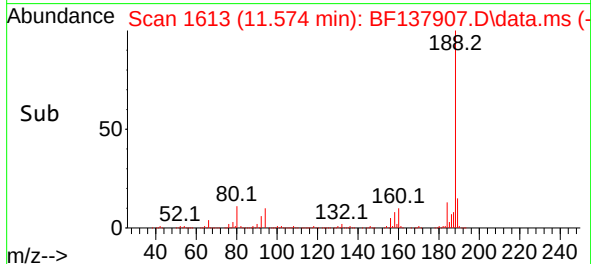
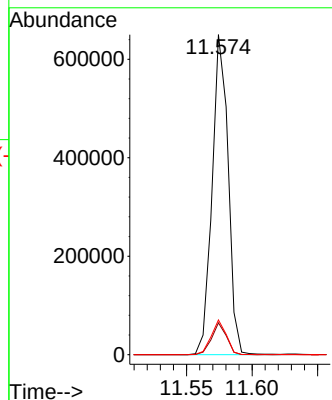
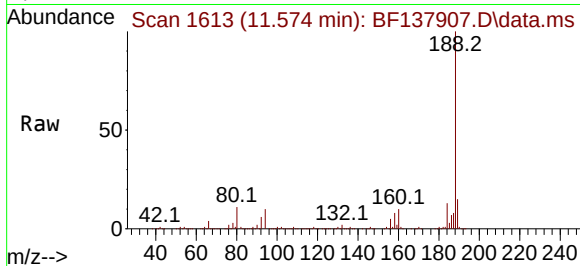




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.574 min Scan# 1  
Delta R.T. -0.024 min  
Lab File: BF137907.D  
Acq: 13 May 2024 17:22

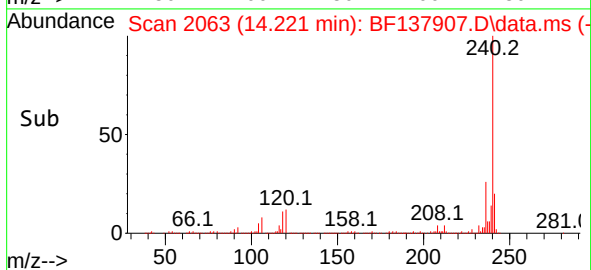
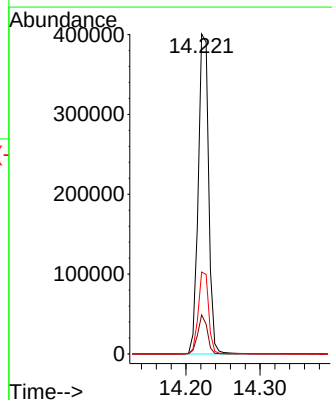
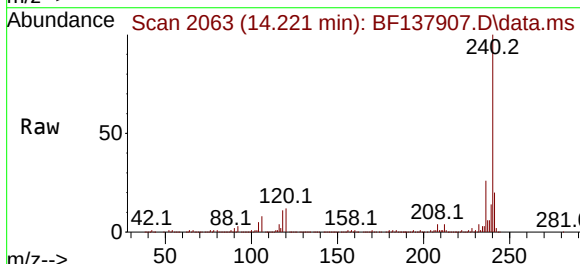
Instrument :  
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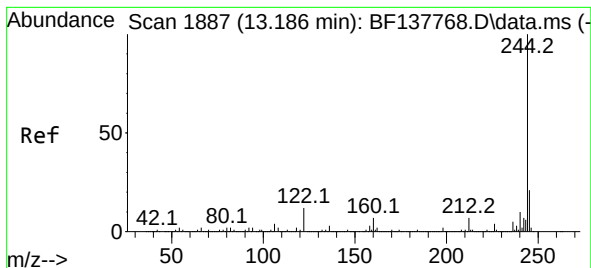
Tgt Ion:188 Resp: 552488  
Ion Ratio Lower Upper  
188 100  
94 9.9 8.8 13.2  
80 10.8 9.6 14.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.221 min Scan# 2063  
Delta R.T. -0.030 min  
Lab File: BF137907.D  
Acq: 13 May 2024 17:22

Tgt Ion:240 Resp: 390266  
Ion Ratio Lower Upper  
240 100  
120 12.2 10.4 15.6  
236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 60.701 ng

RT: 13.162 min Scan# 1883

Delta R.T. -0.024 min

Lab File: BF137907.D

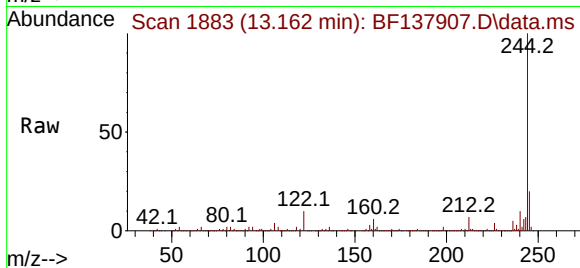
Acq: 13 May 2024 17:22

Instrument :

BNA\_F

ClientSampleId :

SW-03-011



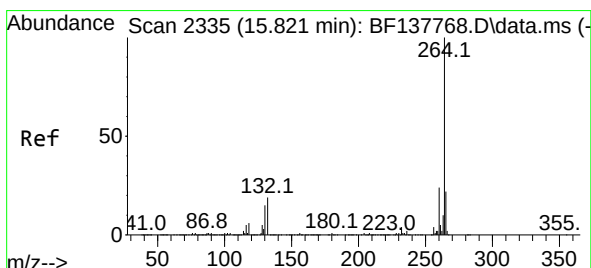
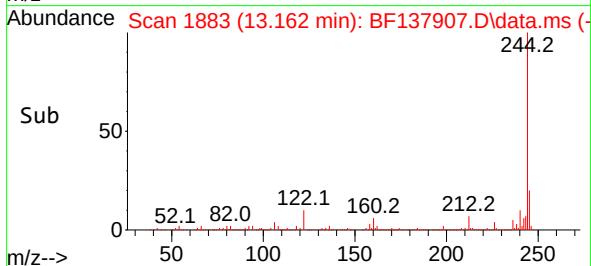
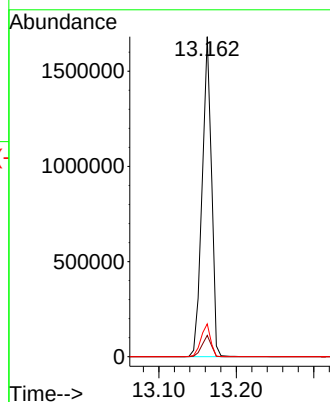
Tgt Ion:244 Resp: 1413585

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 244 | 100 |  |  |
|-----|-----|--|--|

|     |     |     |     |
|-----|-----|-----|-----|
| 212 | 6.6 | 5.5 | 8.3 |
|-----|-----|-----|-----|

|     |      |     |      |
|-----|------|-----|------|
| 122 | 10.3 | 9.4 | 14.2 |
|-----|------|-----|------|



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. -0.035 min

Lab File: BF137907.D

Acq: 13 May 2024 17:22

Tgt Ion:264 Resp: 330153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 264 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 260 | 22.2 | 18.9 | 28.3 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 265 | 21.3 | 17.4 | 26.0 |
|-----|------|------|------|

