

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061824\  
 Data File : BF138232.D  
 Acq On : 18 Jun 2024 18:59  
 Operator : CG\JU  
 Sample : P2917-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROAD

Quant Time: Jun 19 01:23:56 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 13 01:52:47 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.892  | 152  | 376765   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 1439027  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 727585   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 1017364  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 644411   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.515 | 264  | 522438   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.534  | 112  | 2662289  | 118.205 | ng    | 0.02     |
| 7) Phenol-d6                | 6.522  | 99   | 3005427  | 105.233 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 2217892  | 89.726  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 804592   | 111.081 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 3914514  | 85.552  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 3358711  | 82.550  | ng    | 0.00     |

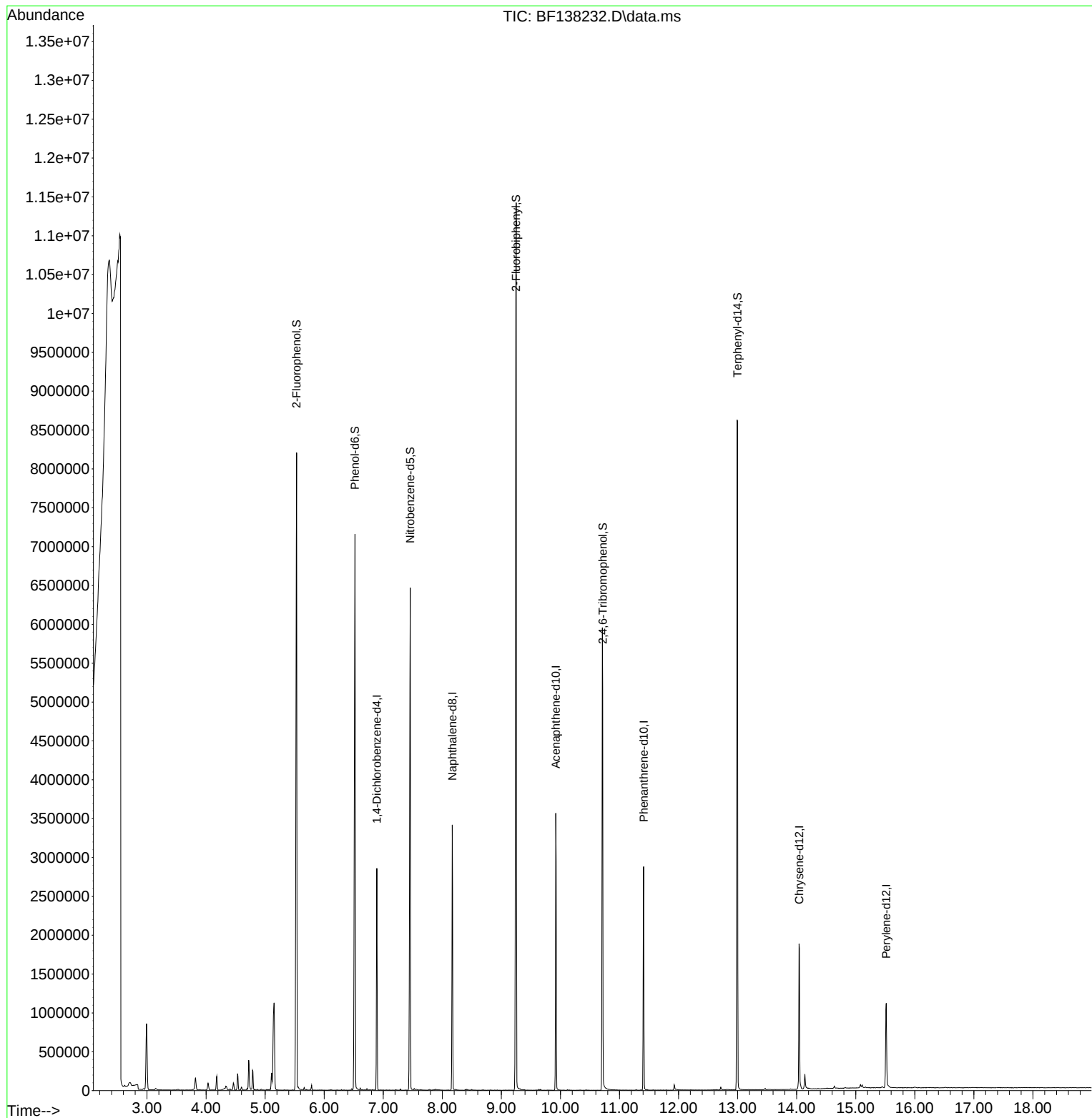
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

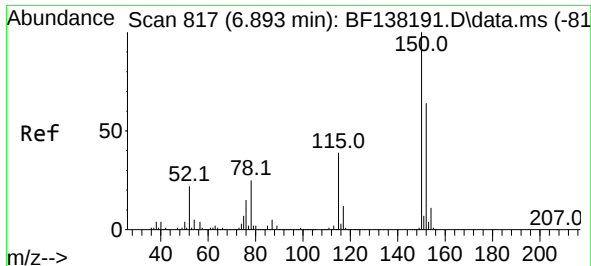
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061824\  
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Sample : P2917-03  
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
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ROAD

Quant Time: Jun 19 01:23:56 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF061224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 13 01:52:47 2024  
Response via : Initial Calibration

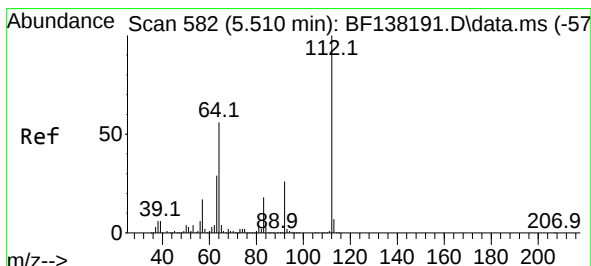
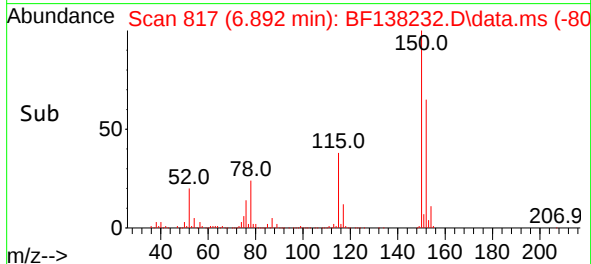
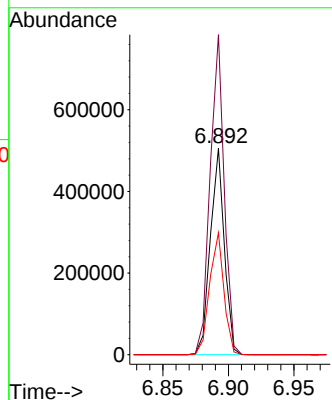
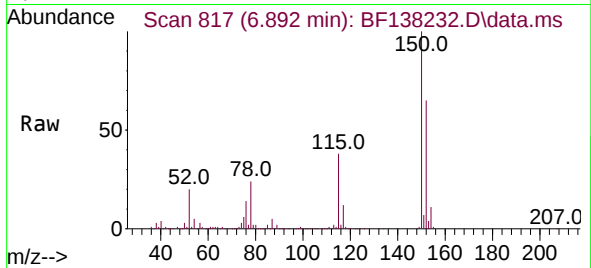




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.892 min Scan# 817  
 Delta R.T. -0.001 min  
 Lab File: BF138232.D  
 Acq: 18 Jun 2024 18:59

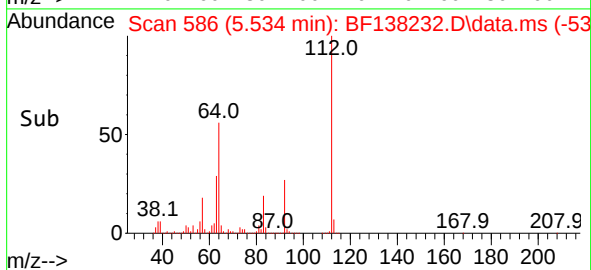
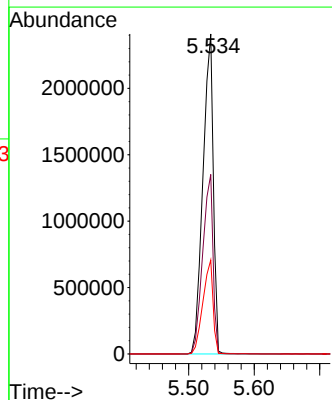
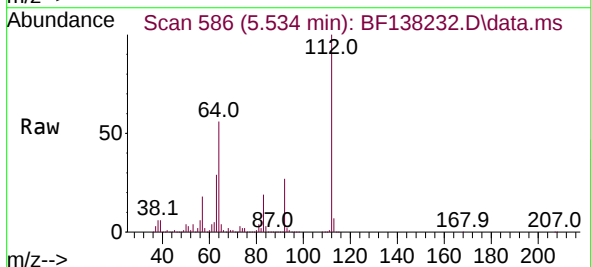
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ROAD

Tgt Ion:152 Resp: 376765  
 Ion Ratio Lower Upper  
 152 100  
 150 154.9 125.0 187.4  
 115 59.0 48.4 72.6



#5  
 2-Fluorophenol  
 Concen: 118.205 ng  
 RT: 5.534 min Scan# 586  
 Delta R.T. 0.023 min  
 Lab File: BF138232.D  
 Acq: 18 Jun 2024 18:59

Tgt Ion:112 Resp: 2662289  
 Ion Ratio Lower Upper  
 112 100  
 64 56.1 45.2 67.8  
 63 29.3 22.9 34.3



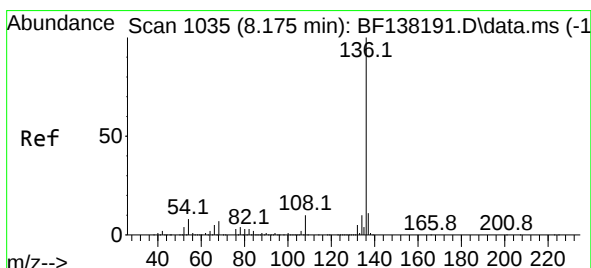
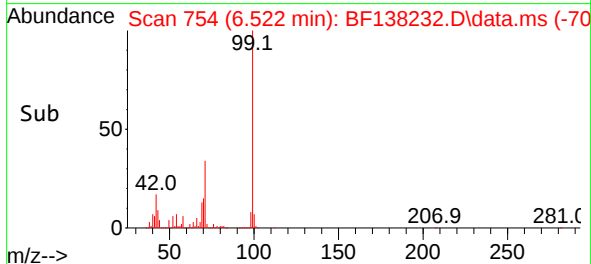
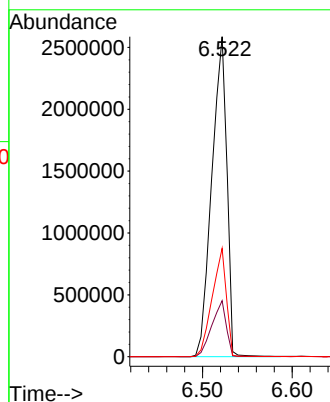
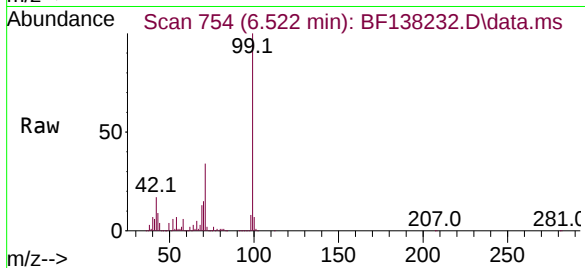


#7  
Phenol-d6  
Concen: 105.233 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF138232.D  
Acq: 18 Jun 2024 18:59

Instrument :  
BNA\_F  
ClientSampleId :  
ROAD

Tgt Ion: 99 Resp: 3005427

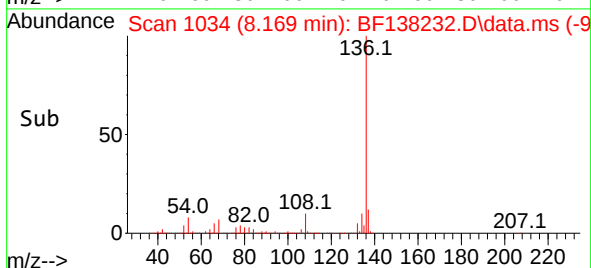
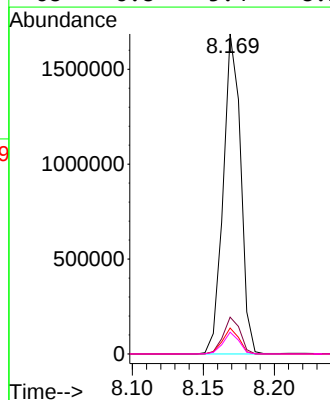
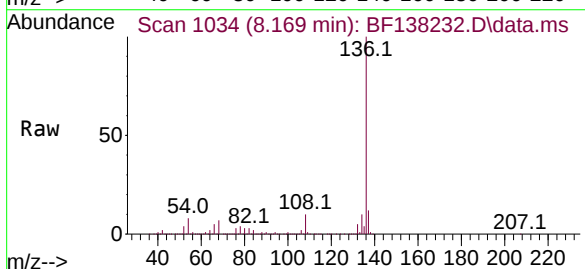
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.5  | 13.7  | 20.5  |
| 71  | 33.9  | 25.0  | 37.6  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF138232.D  
Acq: 18 Jun 2024 18:59

Tgt Ion:136 Resp: 1439027

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.5  | 9.1   | 13.7  |
| 54  | 8.1   | 6.6   | 10.0  |
| 68  | 6.8   | 5.4   | 8.2   |





#23

Nitrobenzene-d5

Concen: 89.726 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138232.D

Acq: 18 Jun 2024 18:59

Instrument :

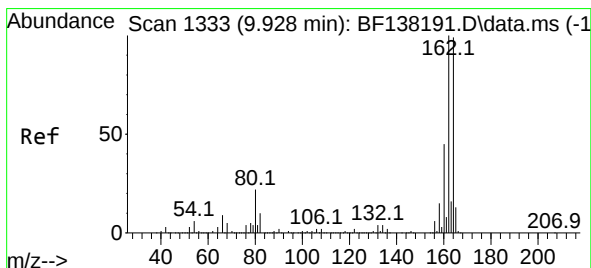
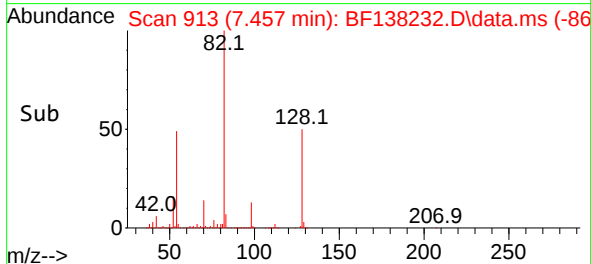
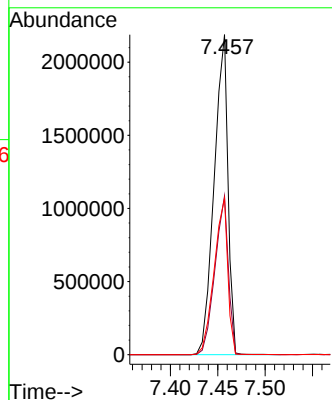
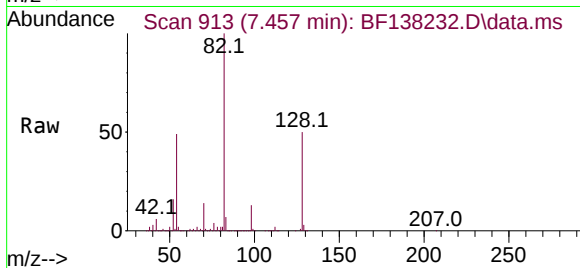
BNA\_F

ClientSampleId :

ROAD

Tgt Ion: 82 Resp: 2217892

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 49.6  | 37.2  | 55.8  |
| 54  | 48.9  | 39.8  | 59.6  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

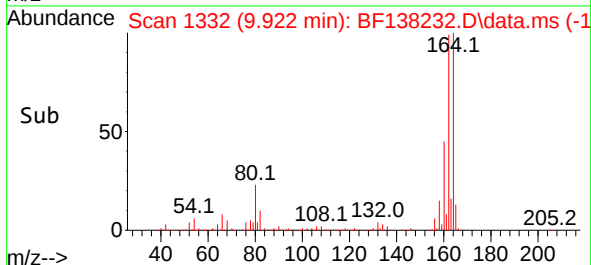
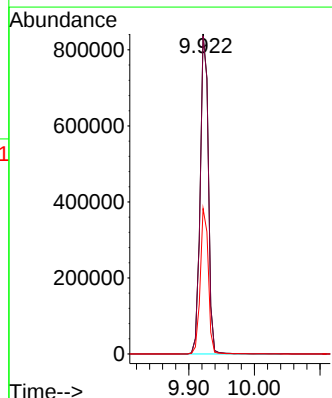
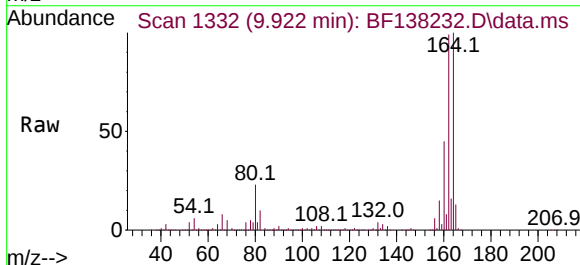
Delta R.T. -0.006 min

Lab File: BF138232.D

Acq: 18 Jun 2024 18:59

Tgt Ion: 164 Resp: 727585

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.4  | 80.6  | 121.0 |
| 160 | 45.5  | 36.3  | 54.5  |

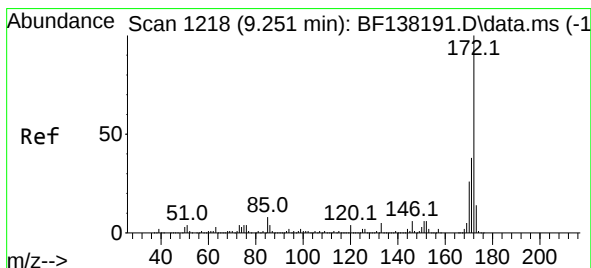
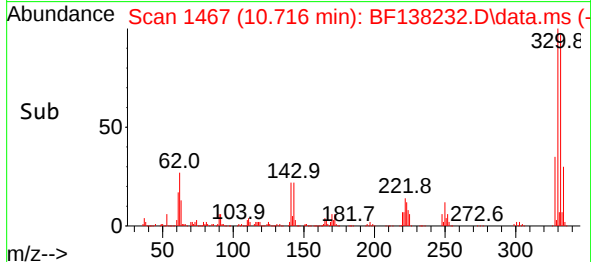
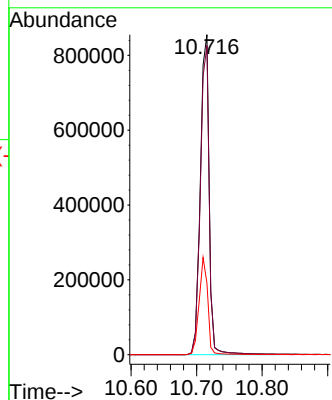
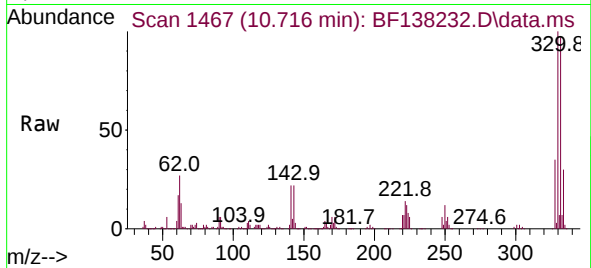




#42  
2,4,6-Tribromophenol  
Concen: 111.081 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. -0.000 min  
Lab File: BF138232.D  
Acq: 18 Jun 2024 18:59

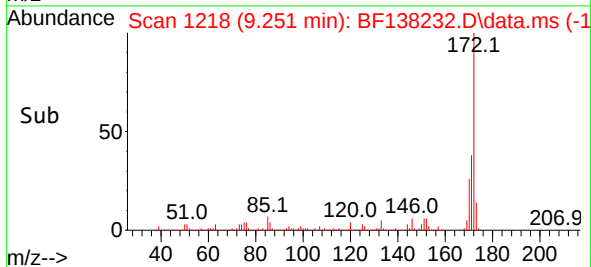
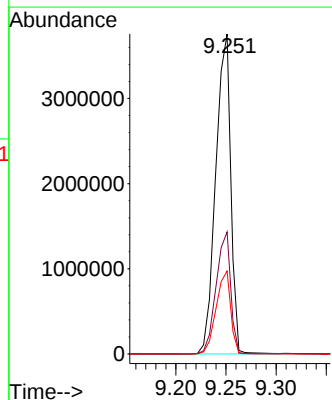
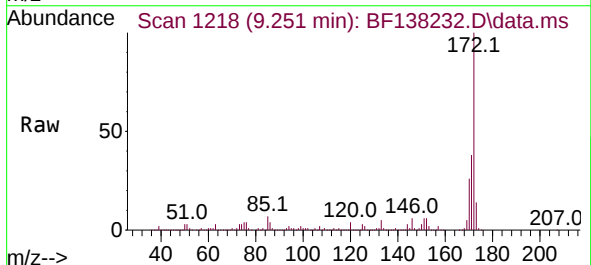
Instrument :  
BNA\_F  
ClientSampleId :  
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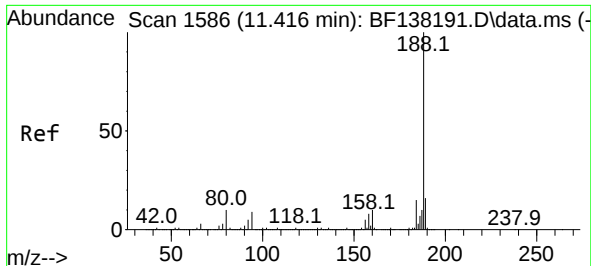
Tgt Ion:330 Resp: 804592  
Ion Ratio Lower Upper  
330 100  
332 97.0 76.6 115.0  
141 29.8 23.9 35.9



#45  
2-Fluorobiphenyl  
Concen: 85.552 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF138232.D  
Acq: 18 Jun 2024 18:59

Tgt Ion:172 Resp: 3914514  
Ion Ratio Lower Upper  
172 100  
171 38.1 30.3 45.5  
170 25.9 20.6 30.8

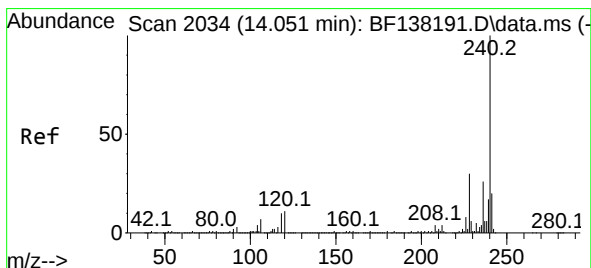
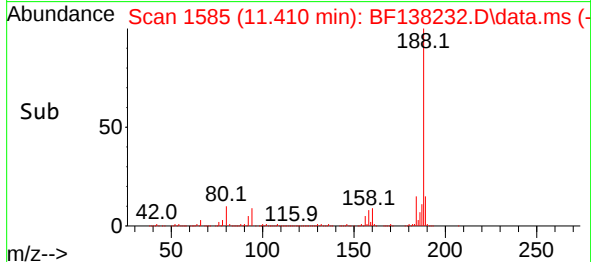
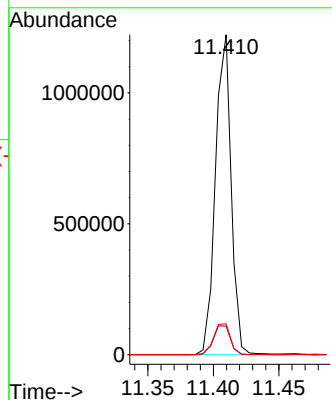
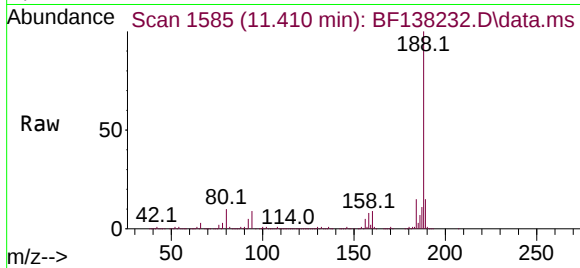




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138232.D  
Acq: 18 Jun 2024 18:59

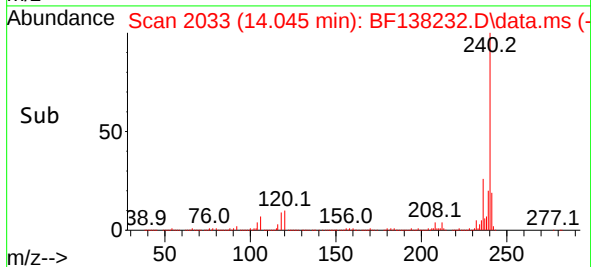
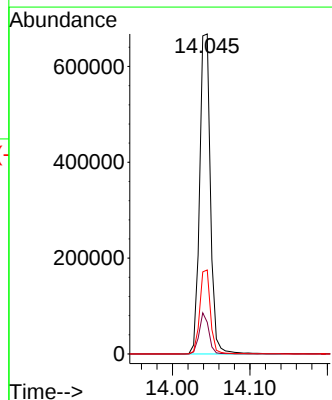
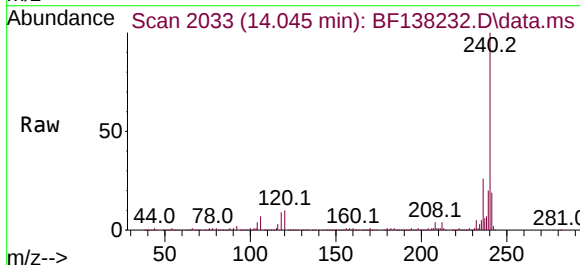
Instrument :  
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ClientSampleId :  
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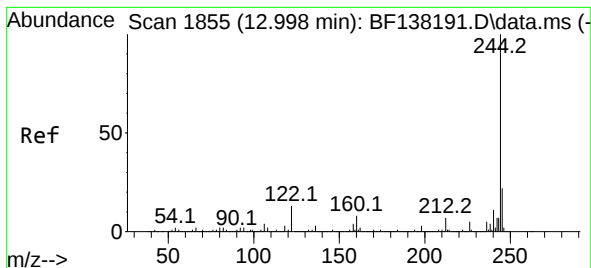
Tgt Ion:188 Resp: 1017364  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.6 11.4  
80 9.6 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF138232.D  
Acq: 18 Jun 2024 18:59

Tgt Ion:240 Resp: 644411  
Ion Ratio Lower Upper  
240 100  
120 9.9 9.2 13.8  
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 82.550 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138232.D

Acq: 18 Jun 2024 18:59

Instrument :

BNA\_F

ClientSampleId :

ROAD

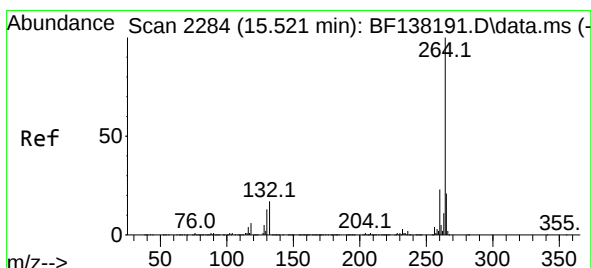
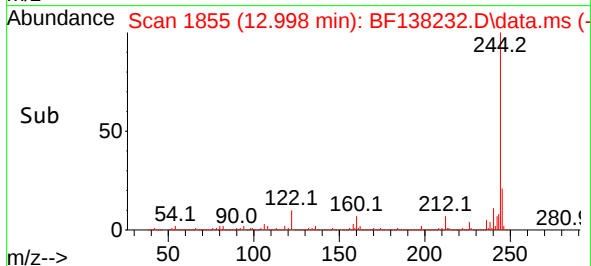
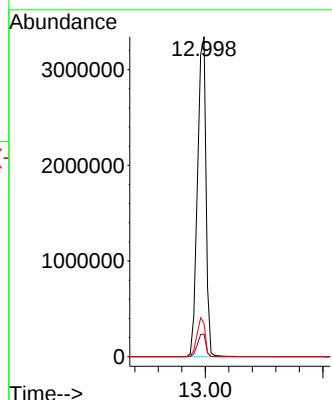
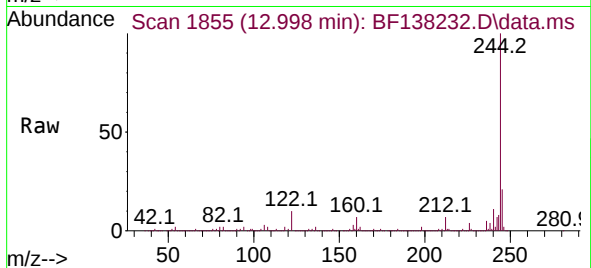
Tgt Ion:244 Resp: 3358711

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.4 10.6 15.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF138232.D

Acq: 18 Jun 2024 18:59

Tgt Ion:264 Resp: 522438

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.4 17.0 25.6

