

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061924\  
 Data File : BF138243.D  
 Acq On : 19 Jun 2024 12:30  
 Operator : CG\JU  
 Sample : PB161530TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB161530TB

Quant Time: Jun 19 13:05:52 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   | 6.893  | 152  | 363122   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.175  | 136  | 1454515  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 841466   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 1529999  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 955482   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.521 | 264  | 830783   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.528  | 112  | 2418819  | 111.430 | ng    | 0.02     |
| 7) Phenol-d6                | 6.522  | 99   | 2982091  | 108.339 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 1914866  | 76.642  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 958504   | 114.421 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 3620896  | 68.425  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 4280023  | 70.947  | ng    | 0.00     |

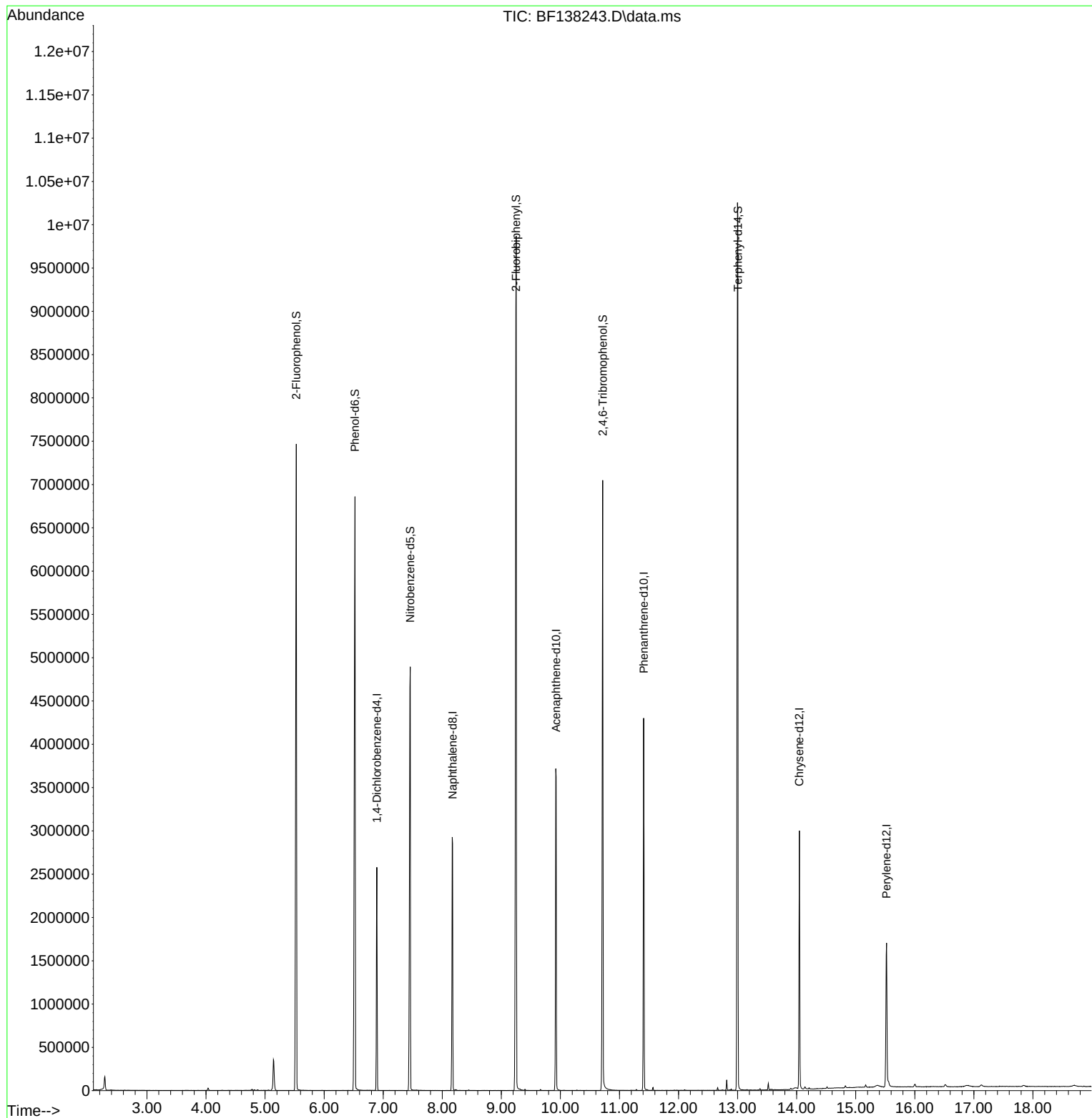
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

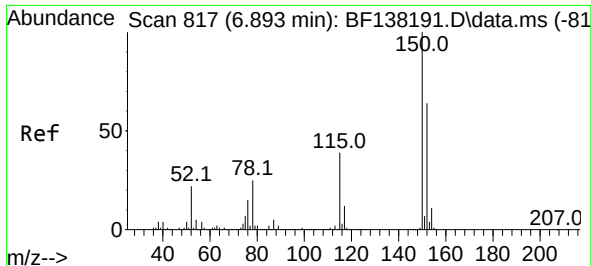
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 19 13:05:52 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

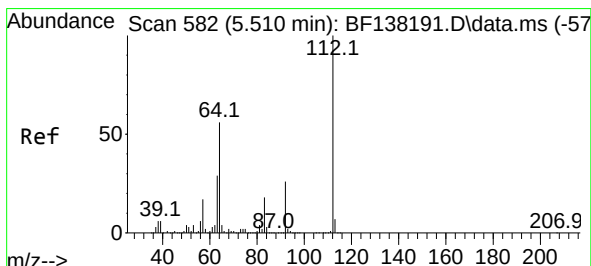
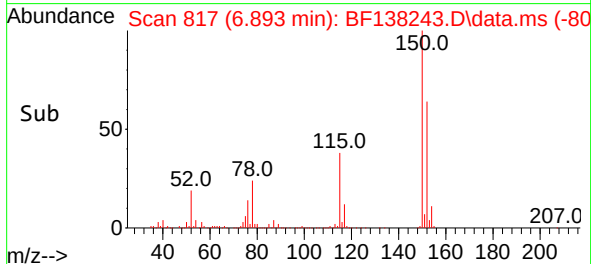
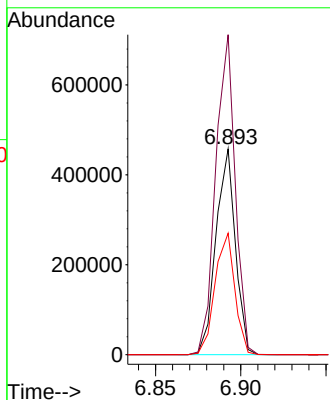
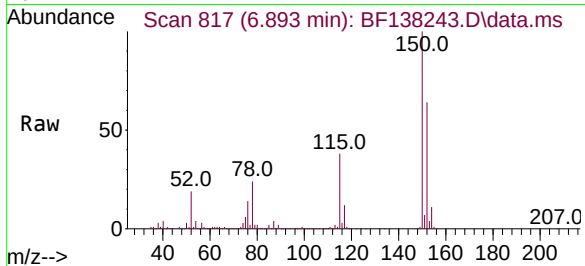




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.893 min Scan# 817  
Delta R.T. -0.000 min  
Lab File: BF138243.D  
Acq: 19 Jun 2024 12:30

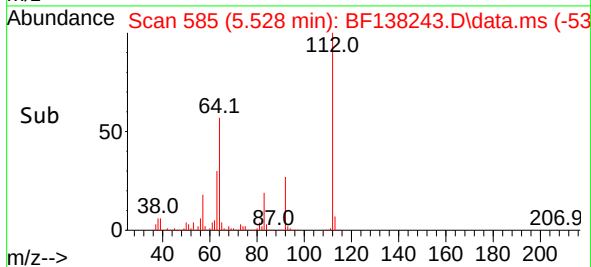
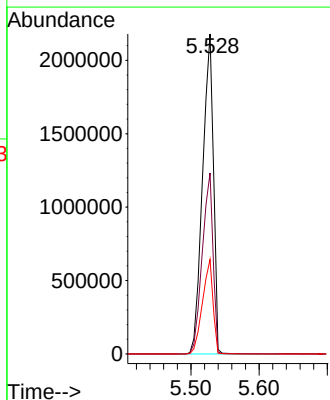
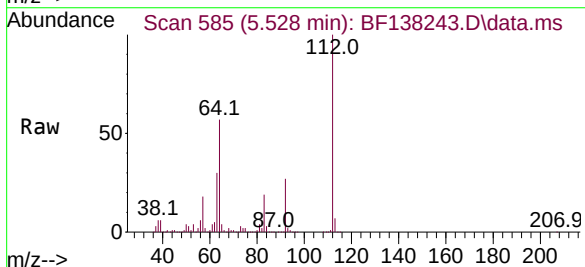
Instrument :  
BNA\_F  
ClientSampleId :  
PB161530TB

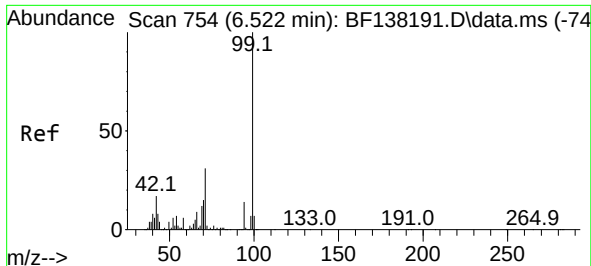
Tgt Ion:152 Resp: 363122  
Ion Ratio Lower Upper  
152 100  
150 155.5 125.0 187.4  
115 59.0 48.4 72.6



#5  
2-Fluorophenol  
Concen: 111.430 ng  
RT: 5.528 min Scan# 585  
Delta R.T. 0.018 min  
Lab File: BF138243.D  
Acq: 19 Jun 2024 12:30

Tgt Ion:112 Resp: 2418819  
Ion Ratio Lower Upper  
112 100  
64 56.6 45.2 67.8  
63 29.6 22.9 34.3

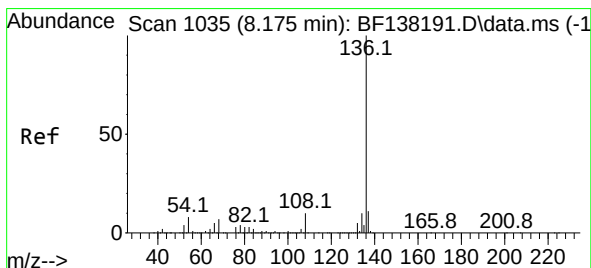
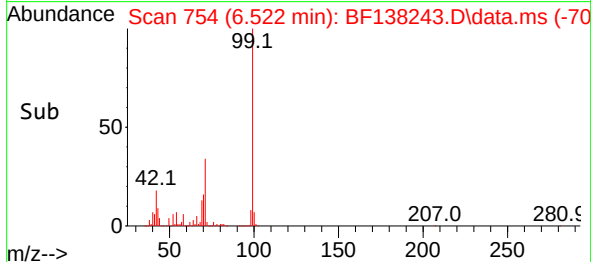
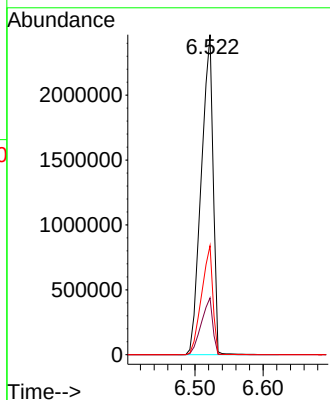
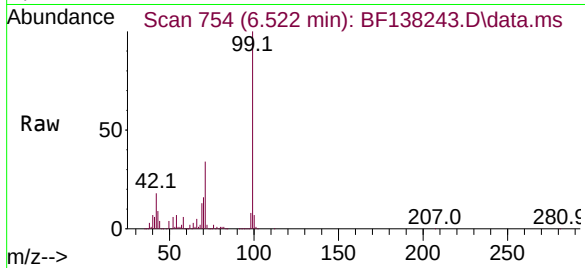




#7  
Phenol-d6  
Concen: 108.339 ng  
RT: 6.522 min Scan# 754  
Delta R.T. -0.000 min  
Lab File: BF138243.D  
Acq: 19 Jun 2024 12:30

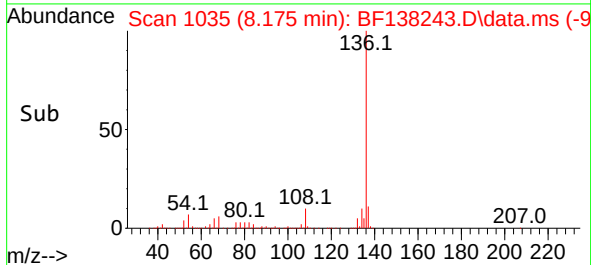
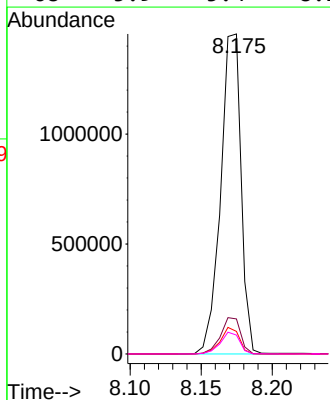
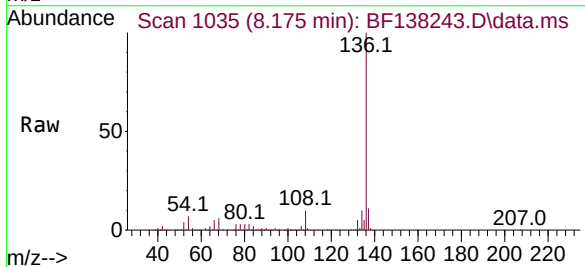
Instrument :  
BNA\_F  
ClientSampleId :  
PB161530TB

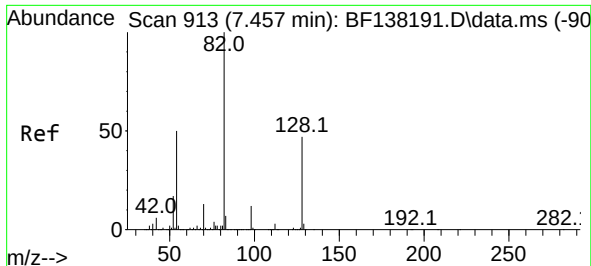
Tgt Ion: 99 Resp: 2982091  
Ion Ratio Lower Upper  
99 100  
42 17.7 13.7 20.5  
71 34.1 25.0 37.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.000 min  
Lab File: BF138243.D  
Acq: 19 Jun 2024 12:30

Tgt Ion: 136 Resp: 1454515  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.1 13.7  
54 7.0 6.6 10.0  
68 5.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 76.642 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138243.D

Acq: 19 Jun 2024 12:30

Instrument :

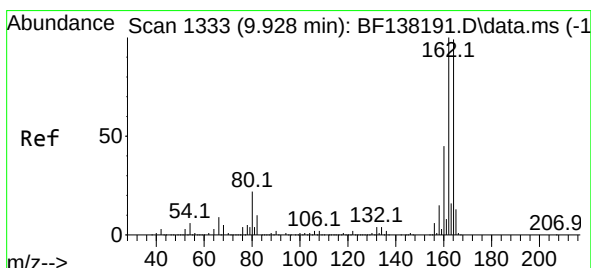
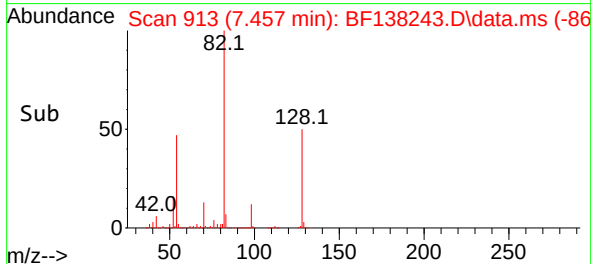
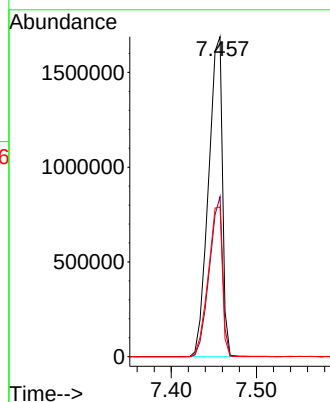
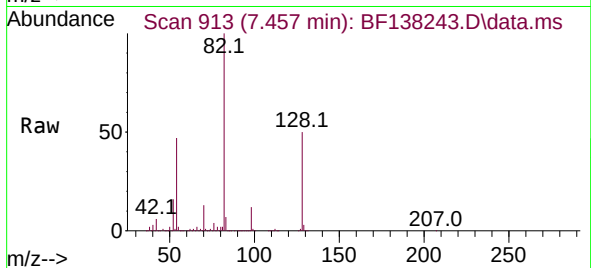
BNA\_F

ClientSampleId :

PB161530TB

Tgt Ion: 82 Resp: 1914866

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 50.0  | 37.2  | 55.8  |
| 54  | 46.8  | 39.8  | 59.6  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1333

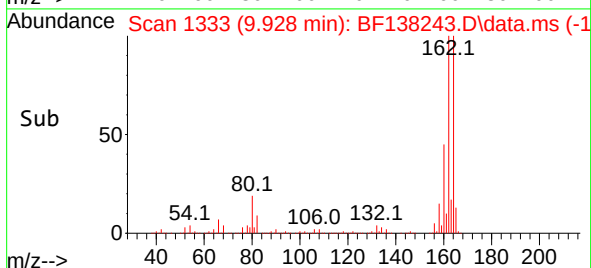
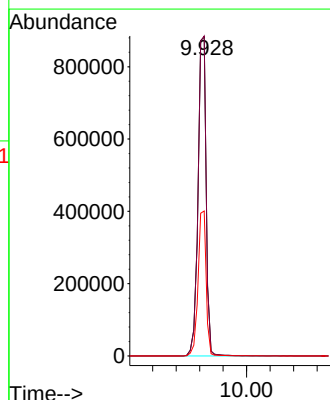
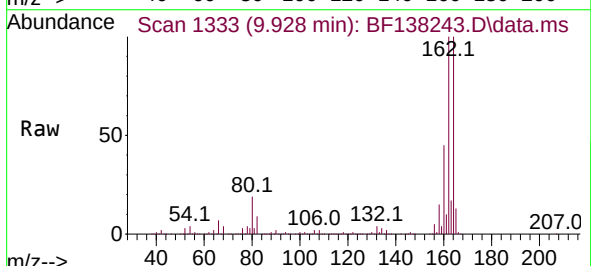
Delta R.T. -0.000 min

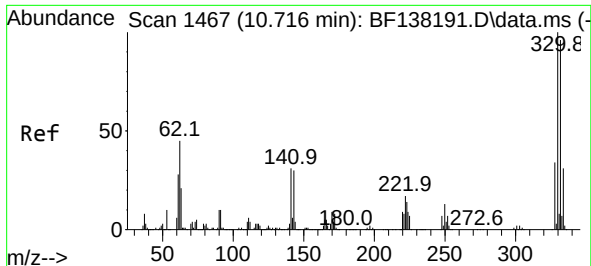
Lab File: BF138243.D

Acq: 19 Jun 2024 12:30

Tgt Ion: 164 Resp: 841466

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.3 | 80.6  | 121.0 |
| 160 | 45.4  | 36.3  | 54.5  |

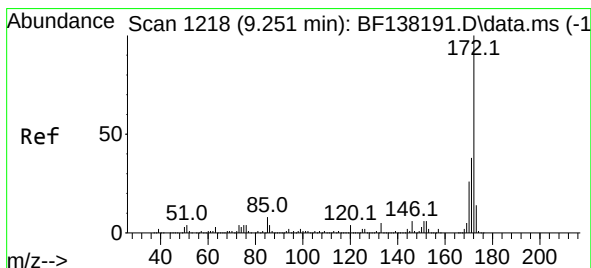
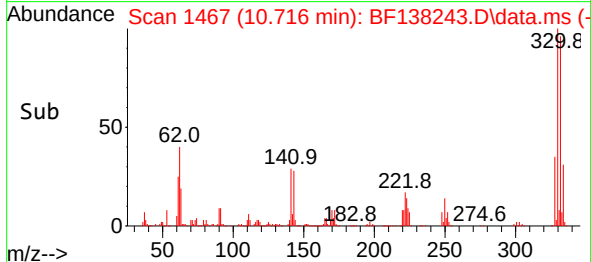
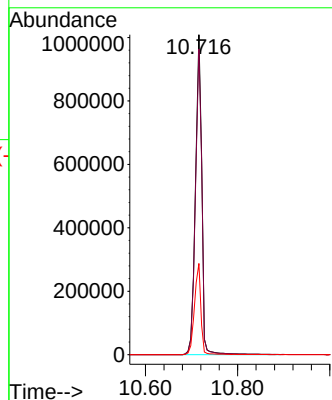
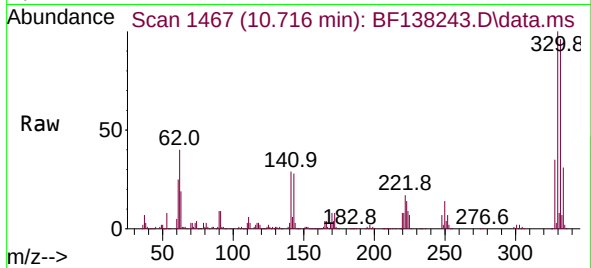




#42  
2,4,6-Tribromophenol  
Concen: 114.421 ng  
RT: 10.716 min Scan# 1467  
Delta R.T. -0.000 min  
Lab File: BF138243.D  
Acq: 19 Jun 2024 12:30

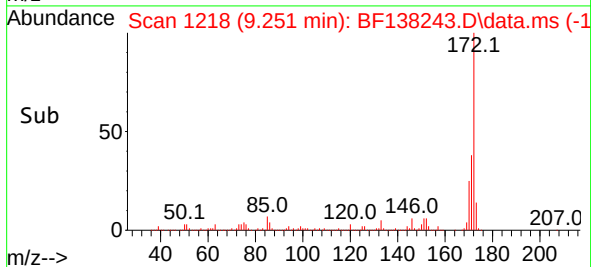
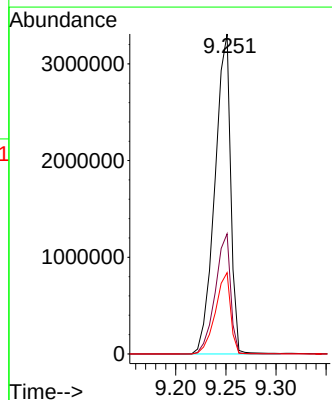
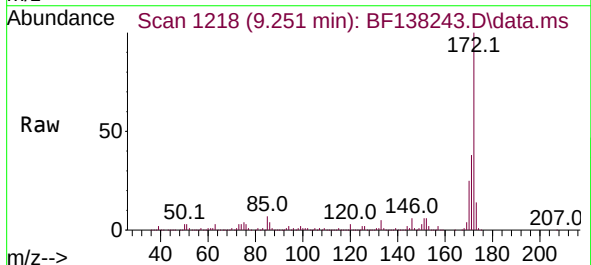
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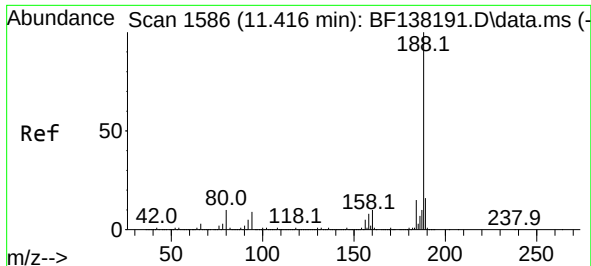
Tgt Ion:330 Resp: 958504  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.6 115.0  
141 29.0 23.9 35.9



#45  
2-Fluorobiphenyl  
Concen: 68.425 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. 0.000 min  
Lab File: BF138243.D  
Acq: 19 Jun 2024 12:30

Tgt Ion:172 Resp: 3620896  
Ion Ratio Lower Upper  
172 100  
171 37.5 30.3 45.5  
170 25.4 20.6 30.8

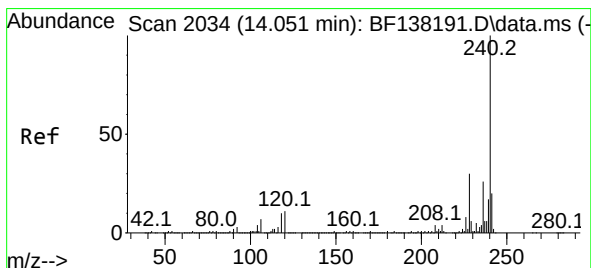
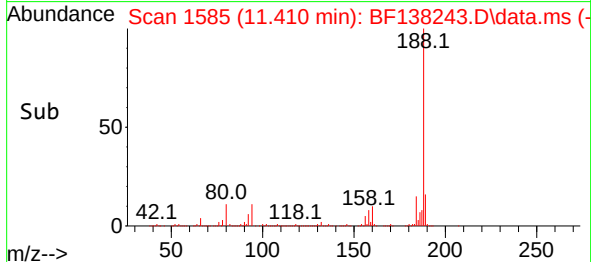
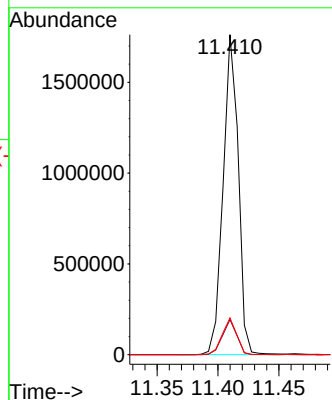
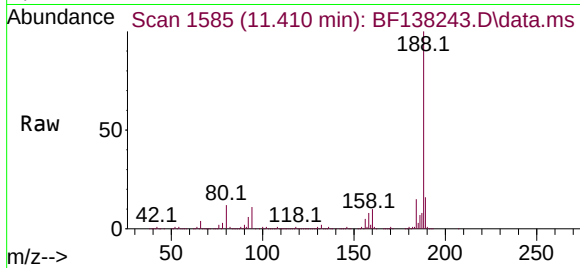




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138243.D  
Acq: 19 Jun 2024 12:30

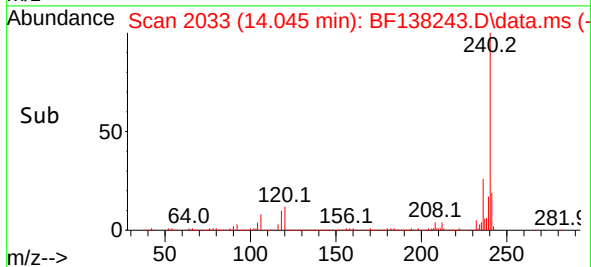
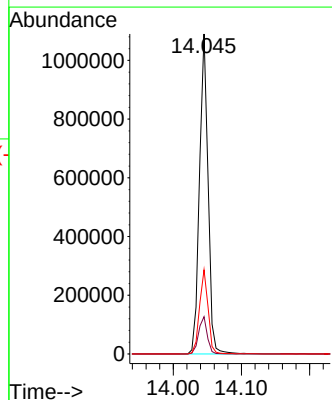
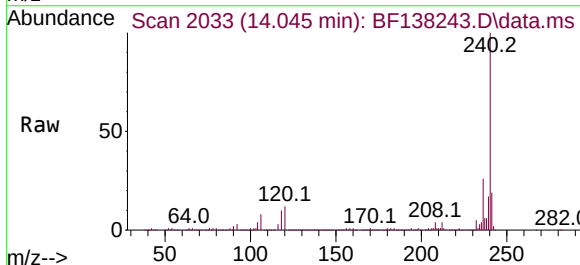
Instrument :  
BNA\_F  
ClientSampleId :  
PB161530TB

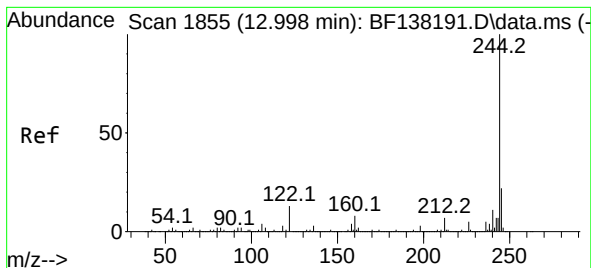
Tgt Ion:188 Resp: 1529999  
Ion Ratio Lower Upper  
188 100  
94 10.9 7.6 11.4  
80 11.5 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: BF138243.D  
Acq: 19 Jun 2024 12:30

Tgt Ion:240 Resp: 955482  
Ion Ratio Lower Upper  
240 100  
120 11.7 9.2 13.8  
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 70.947 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF138243.D

Acq: 19 Jun 2024 12:30

Instrument :

BNA\_F

ClientSampleId :

PB161530TB

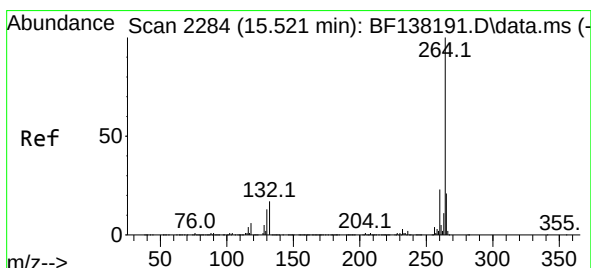
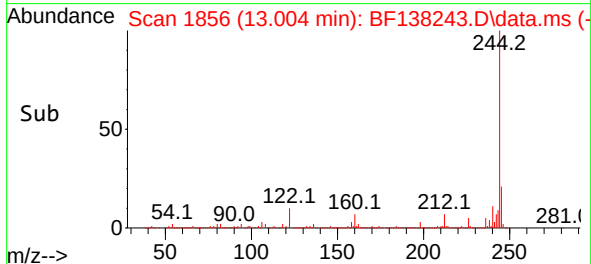
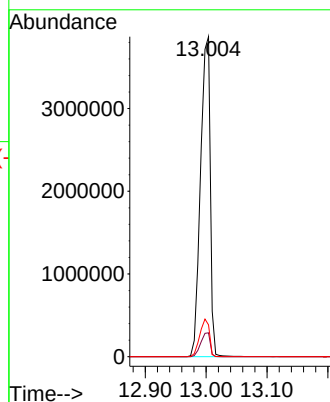
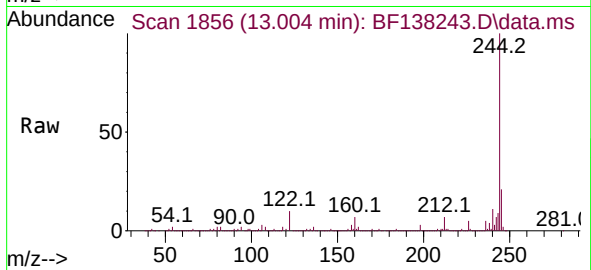
Tgt Ion:244 Resp: 4280023

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

122 10.0 10.6 15.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138243.D

Acq: 19 Jun 2024 12:30

Tgt Ion:264 Resp: 830783

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.5 17.0 25.6

