

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062024\  
 Data File : BF138270.D  
 Acq On : 20 Jun 2024 19:12  
 Operator : CG\JU  
 Sample : P2956-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-W-01-202406

Quant Time: Jun 21 01:19:27 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   | 6.886  | 152  | 296457   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 1142533  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.922  | 164  | 632372   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 1071823  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 14.039 | 240  | 550929   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.515 | 264  | 599058   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 2013497  | 113.616 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 2327425  | 103.570 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 1693106  | 86.270  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 706818   | 112.275 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 3051897  | 76.742  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.992 | 244  | 2982922  | 85.754  | ng    | 0.00     |

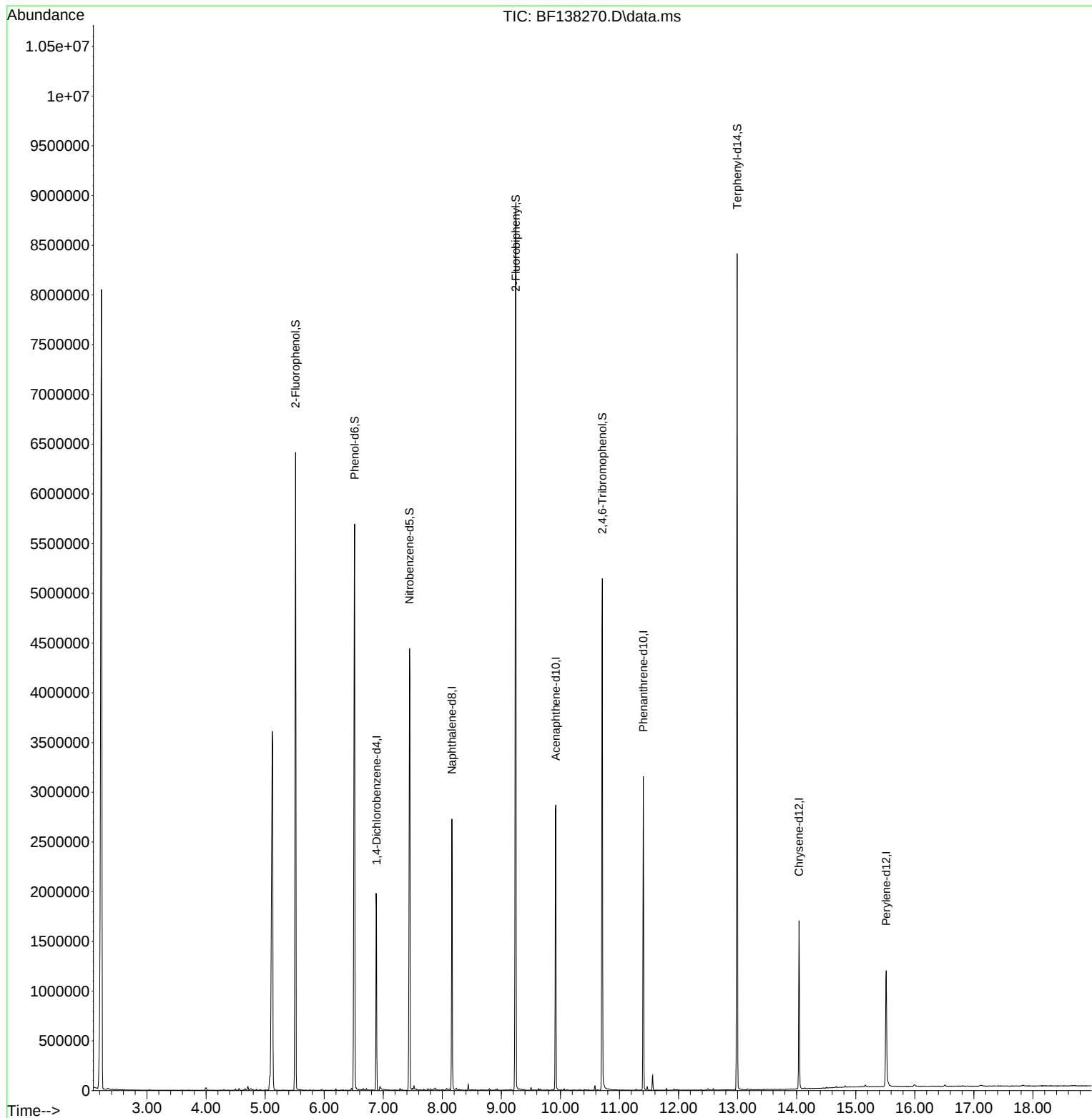
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

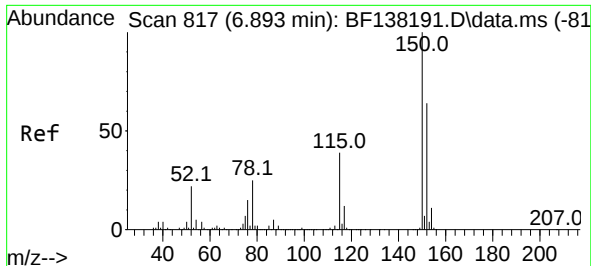
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 13 01:52:47 2024  
Response via : Initial Calibration

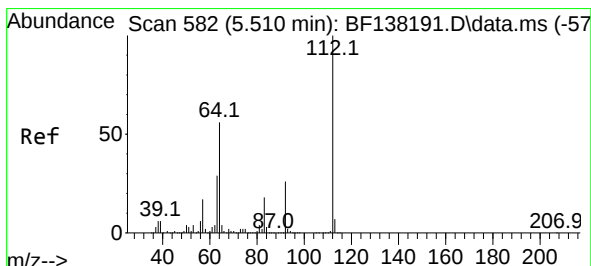
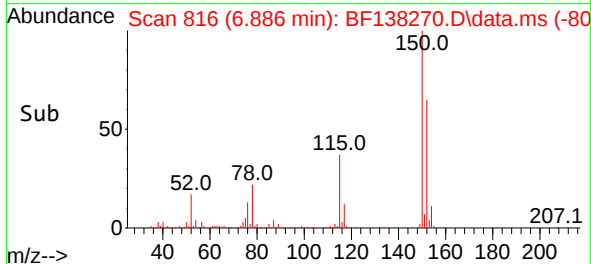
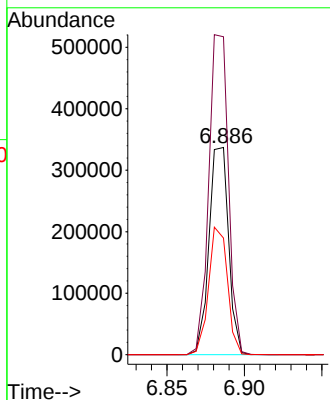
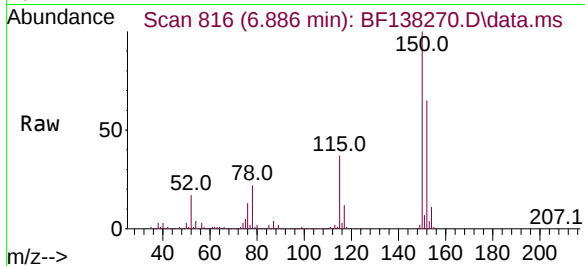




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.886 min Scan# 817  
 Delta R.T. -0.007 min  
 Lab File: BF138270.D  
 Acq: 20 Jun 2024 19:12

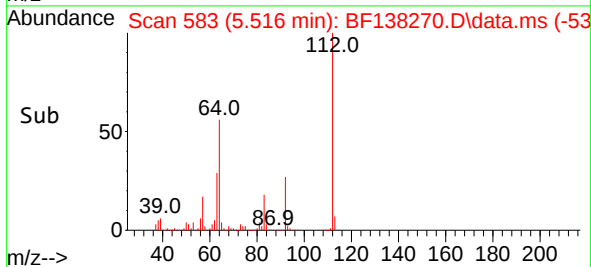
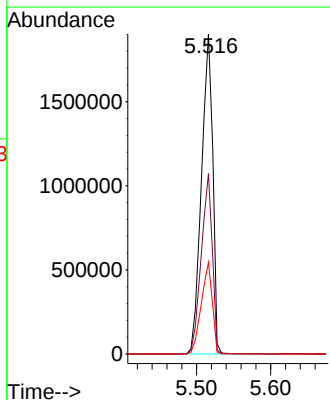
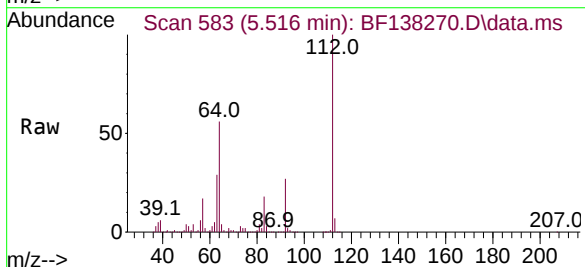
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-W-01-202406

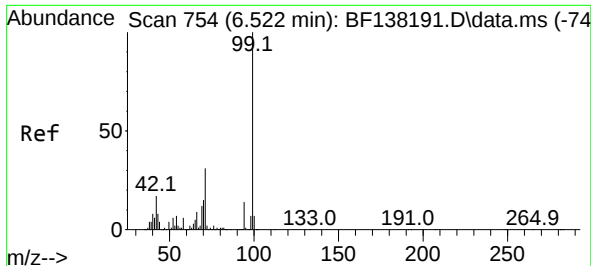
Tgt Ion:152 Resp: 296457  
 Ion Ratio Lower Upper  
 152 100  
 150 153.5 125.0 187.4  
 115 56.3 48.4 72.6



#5  
 2-Fluorophenol  
 Concen: 113.616 ng  
 RT: 5.516 min Scan# 583  
 Delta R.T. 0.006 min  
 Lab File: BF138270.D  
 Acq: 20 Jun 2024 19:12

Tgt Ion:112 Resp: 2013497  
 Ion Ratio Lower Upper  
 112 100  
 64 56.4 45.2 67.8  
 63 28.6 22.9 34.3

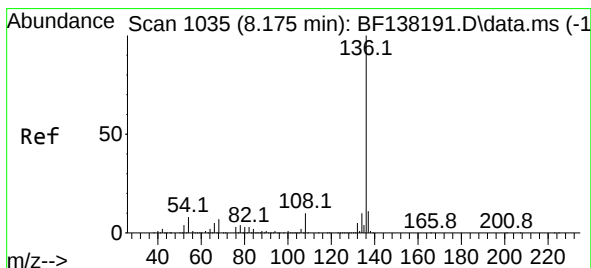
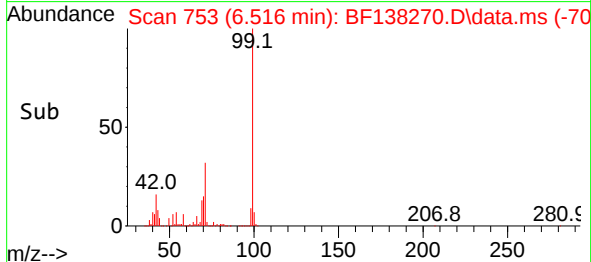
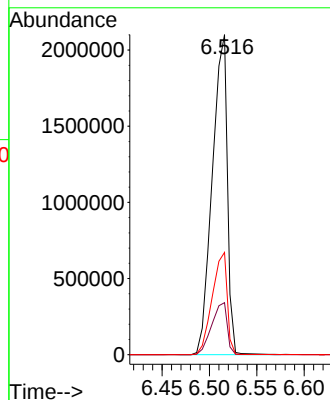
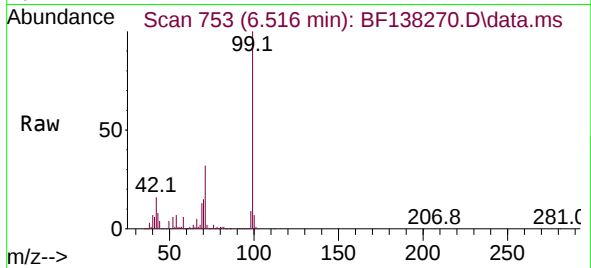




#7  
Phenol-d6  
Concen: 103.570 ng  
RT: 6.516 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF138270.D  
Acq: 20 Jun 2024 19:12

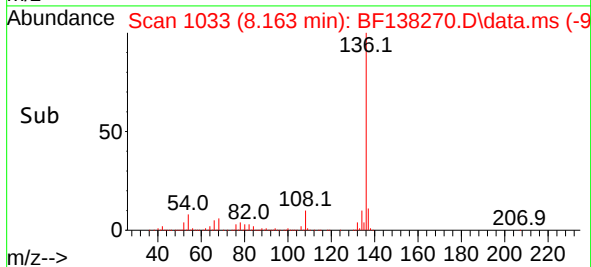
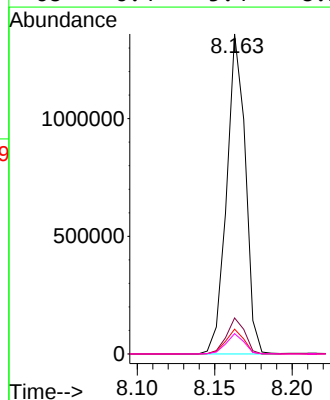
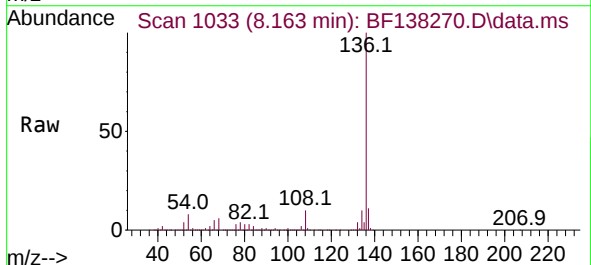
Instrument :  
BNA\_F  
ClientSampleId :  
WC-W-01-202406

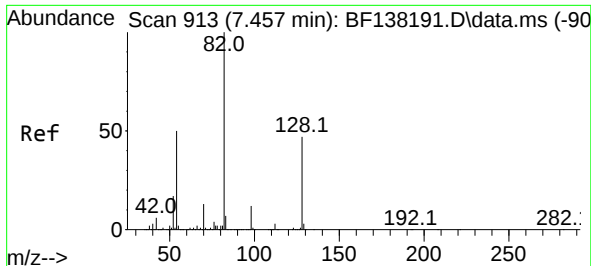
Tgt Ion: 99 Resp: 2327425  
Ion Ratio Lower Upper  
99 100  
42 16.3 13.7 20.5  
71 32.0 25.0 37.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 1033  
Delta R.T. -0.012 min  
Lab File: BF138270.D  
Acq: 20 Jun 2024 19:12

Tgt Ion:136 Resp: 1142533  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.1 13.7  
54 7.7 6.6 10.0  
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 86.270 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

Instrument :

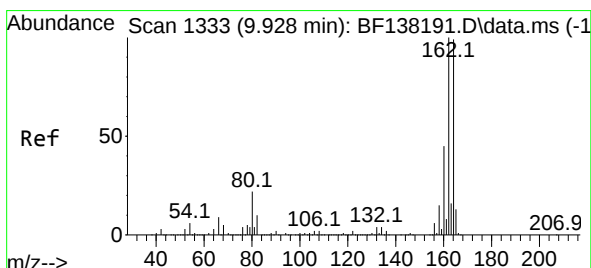
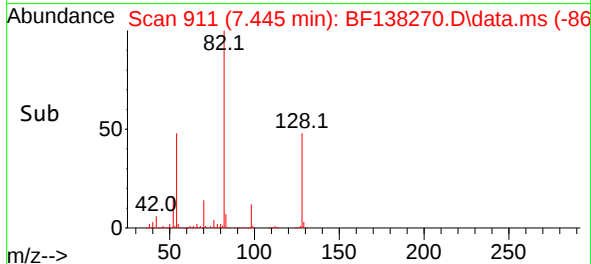
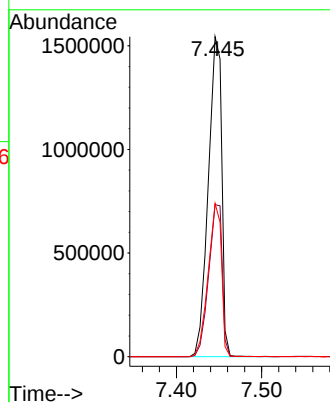
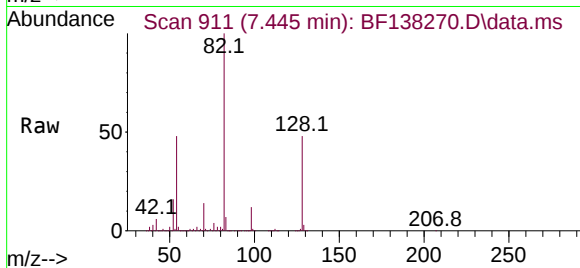
BNA\_F

ClientSampleId :

WC-W-01-202406

Tgt Ion: 82 Resp: 1693106

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.5  | 37.2  | 55.8  |
| 54  | 47.9  | 39.8  | 59.6  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

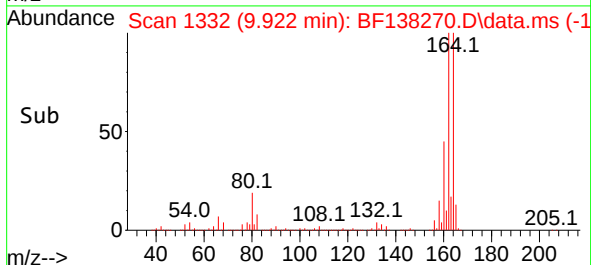
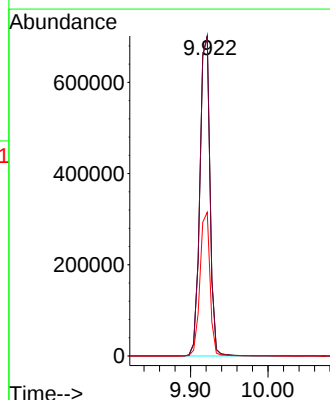
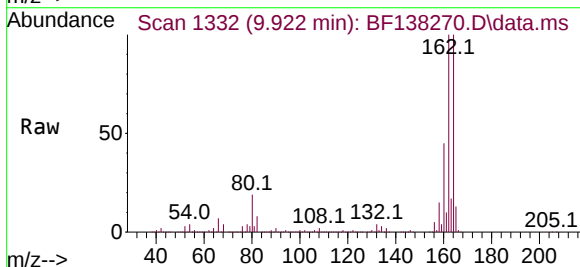
Delta R.T. -0.006 min

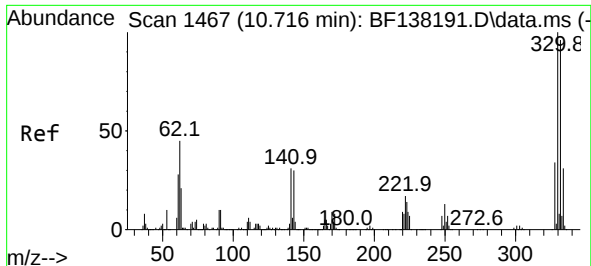
Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

Tgt Ion: 164 Resp: 632372

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.6  | 80.6  | 121.0 |
| 160 | 44.9  | 36.3  | 54.5  |





#42

2,4,6-Tribromophenol

Concen: 112.275 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

Instrument :

BNA\_F

ClientSampleId :

WC-W-01-202406

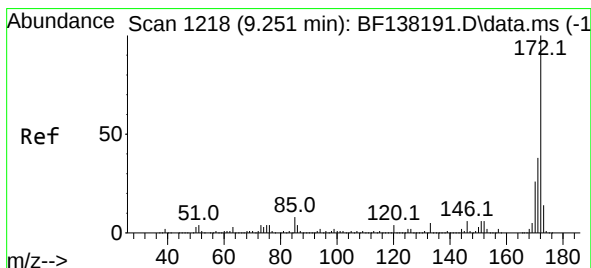
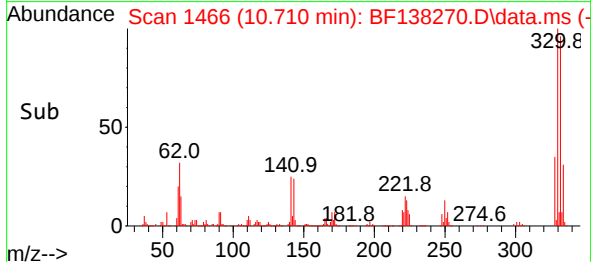
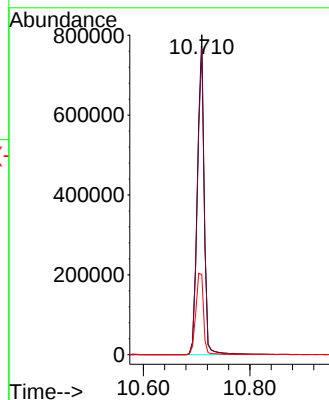
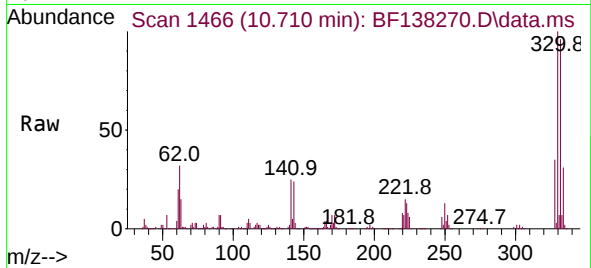
Tgt Ion:330 Resp: 706818

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

141 29.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 76.742 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

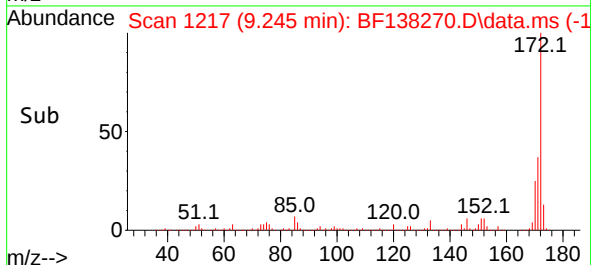
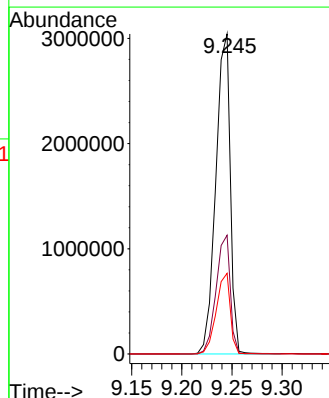
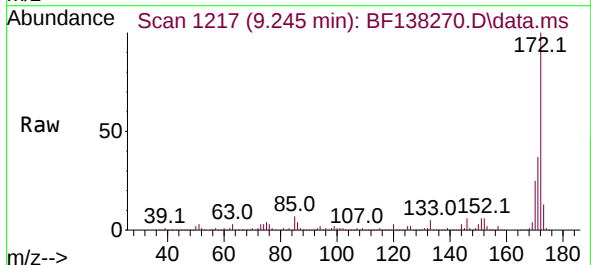
Tgt Ion:172 Resp: 3051897

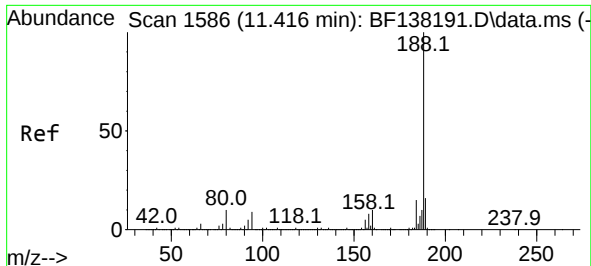
Ion Ratio Lower Upper

172 100

171 37.1 30.3 45.5

170 25.2 20.6 30.8

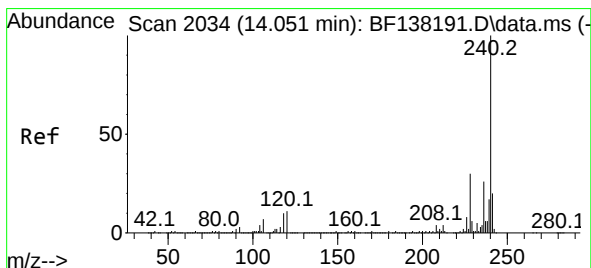
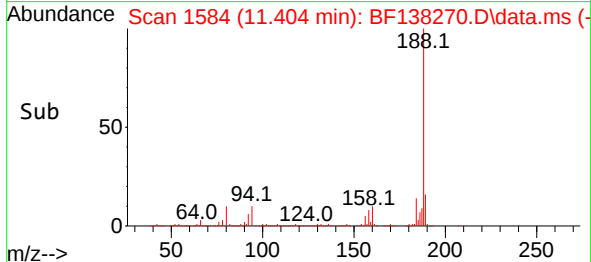
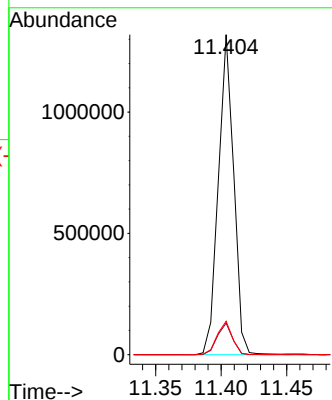
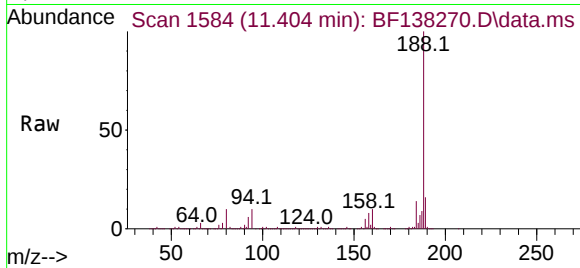




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.404 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF138270.D  
Acq: 20 Jun 2024 19:12

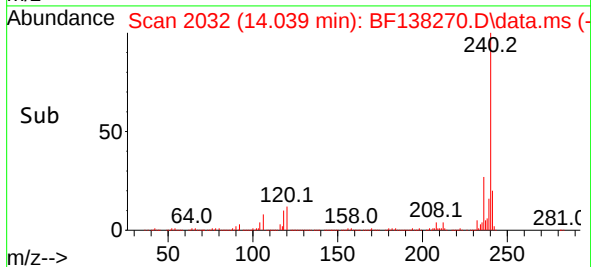
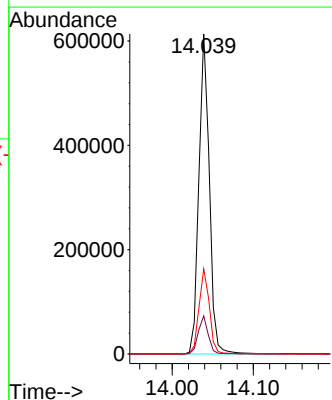
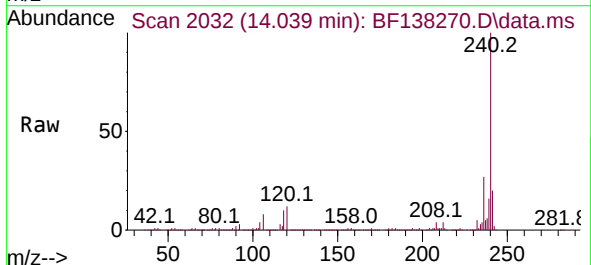
Instrument :  
BNA\_F  
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WC-W-01-202406

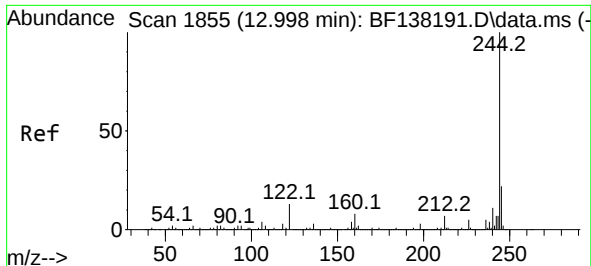
Tgt Ion:188 Resp: 1071823  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.6 11.4  
80 10.5 8.1 12.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 2032  
Delta R.T. -0.012 min  
Lab File: BF138270.D  
Acq: 20 Jun 2024 19:12

Tgt Ion:240 Resp: 550929  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.2 13.8  
236 26.6 21.0 31.6

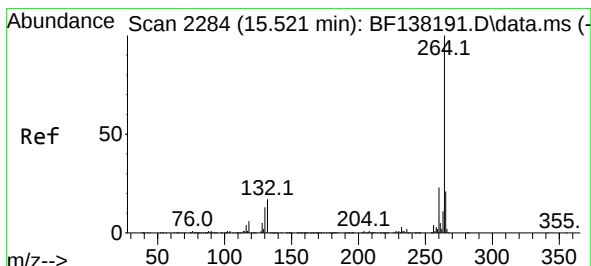
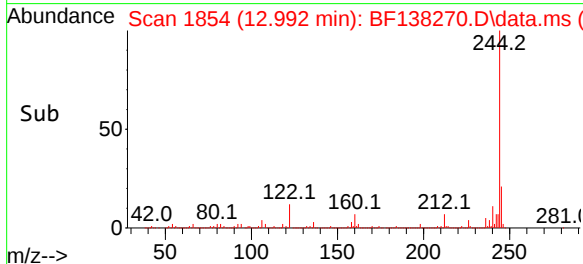
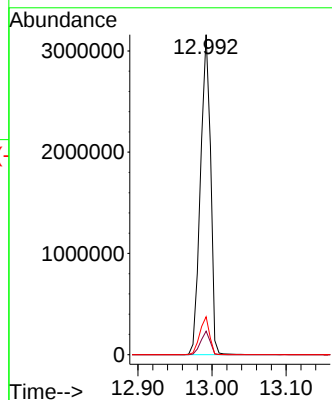
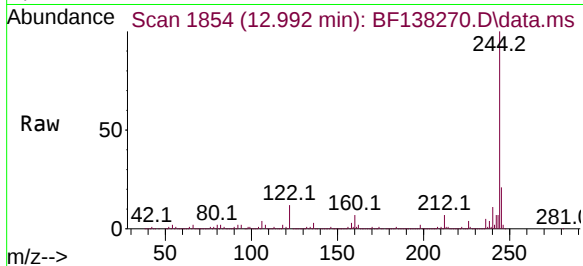




#79  
 Terphenyl-d14  
 Concen: 85.754 ng  
 RT: 12.992 min Scan# 1854  
 Delta R.T. -0.006 min  
 Lab File: BF138270.D  
 Acq: 20 Jun 2024 19:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-W-01-202406

Tgt Ion:244 Resp: 2982922  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 11.8 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: BF138270.D  
 Acq: 20 Jun 2024 19:12

Tgt Ion:264 Resp: 599058  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.7 28.1  
 265 21.8 17.0 25.6

