

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060324\  
 Data File : BF138114.D  
 Acq On : 03 Jun 2024 18:55  
 Operator : CG\JU  
 Sample : P2560-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 BKG-1

Quant Time: Jun 04 04:51:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF053124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jun 01 01:21:05 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.034  | 152  | 133497   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.316  | 136  | 505960   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.080 | 164  | 279437   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.574 | 188  | 423723   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.227 | 240  | 239953   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.792 | 264  | 287769   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.663  | 112  | 575787   | 77.103 | ng    | 0.00     |
| 7) Phenol-d6                | 6.651  | 99   | 711912   | 74.030 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.592  | 82   | 434973   | 50.095 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.874 | 330  | 189838   | 58.242 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.392  | 172  | 910845   | 48.317 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.163 | 244  | 678378   | 40.894 | ng    | 0.00     |

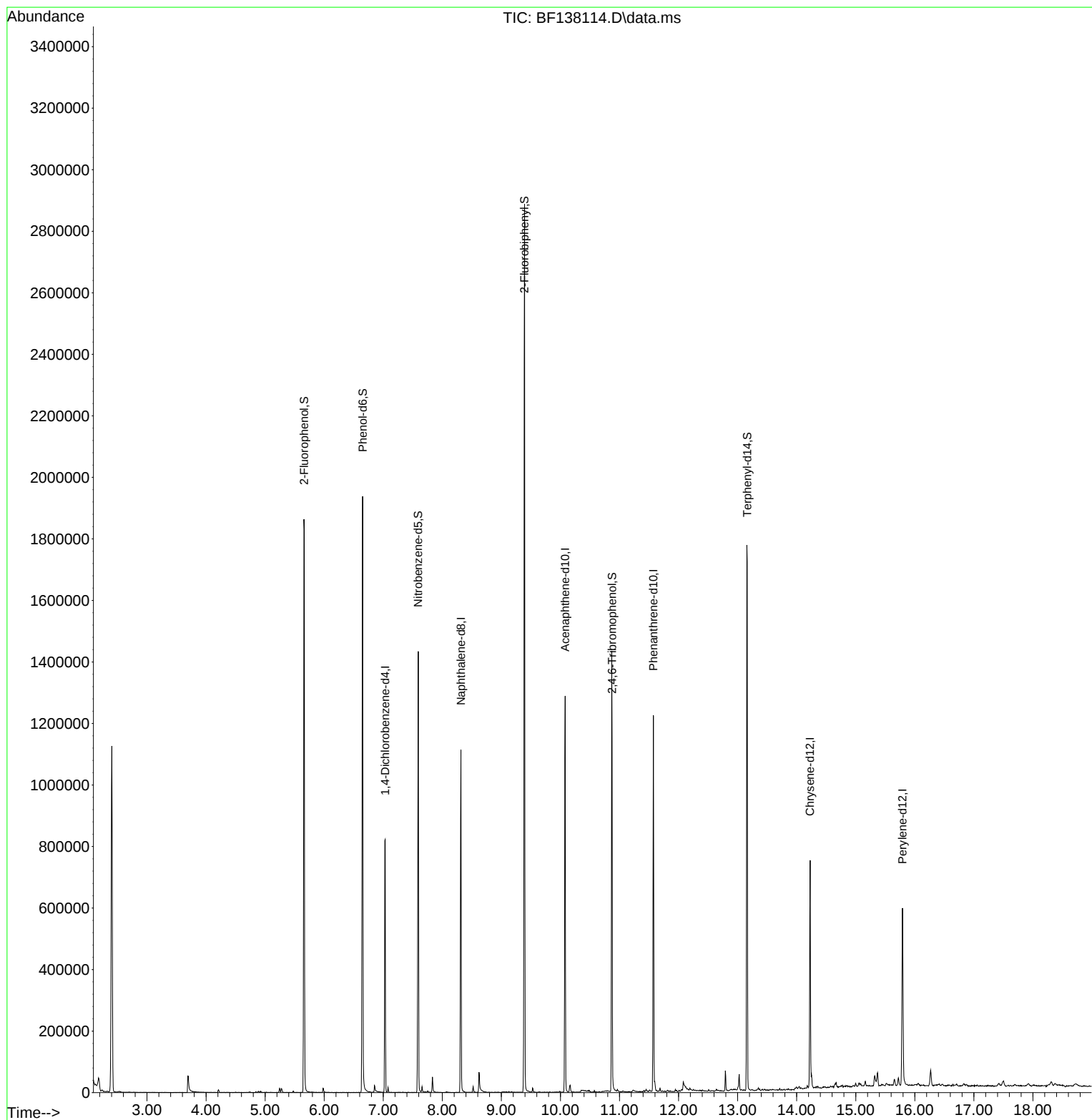
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

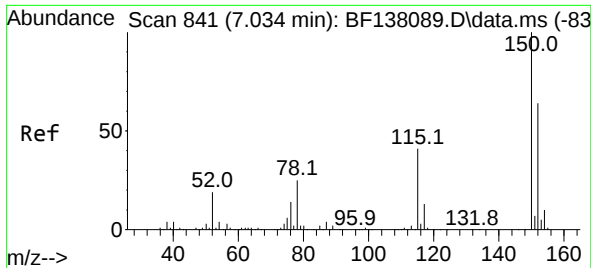
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 04 04:51:03 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF053124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jun 01 01:21:05 2024  
Response via : Initial Calibration

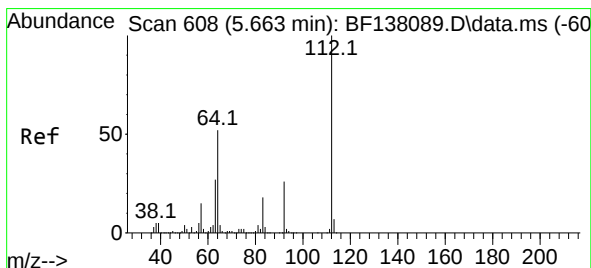
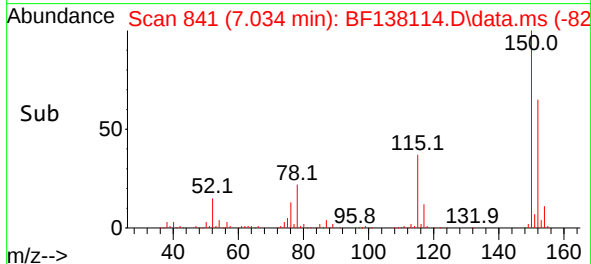
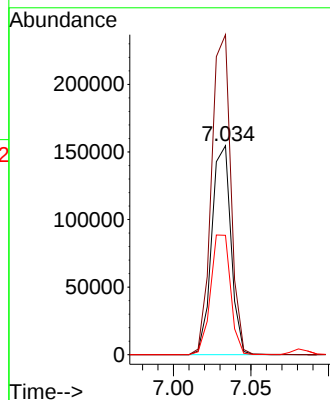
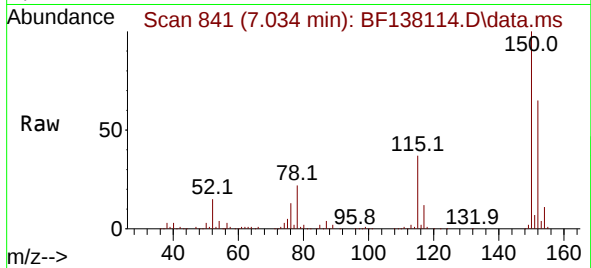




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.034 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BF138114.D  
Acq: 03 Jun 2024 18:55

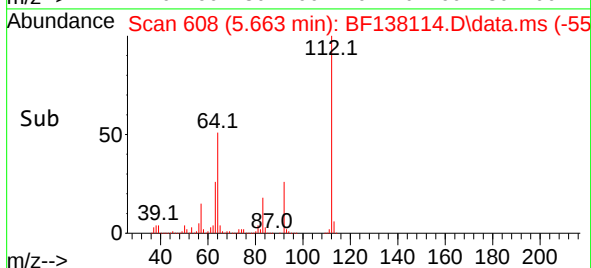
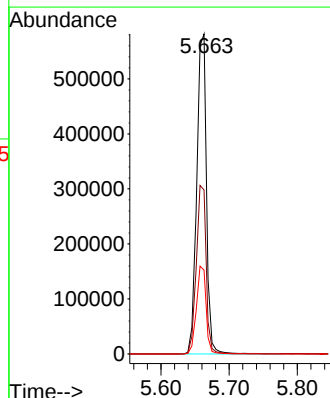
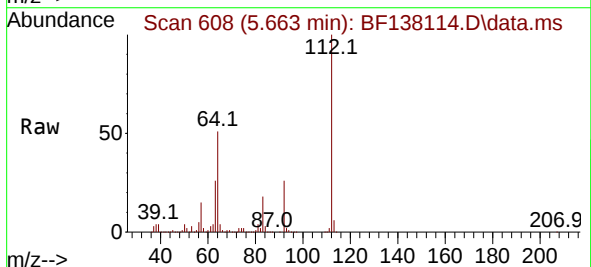
Instrument :  
BNA\_F  
ClientSampleId :  
BKG-1

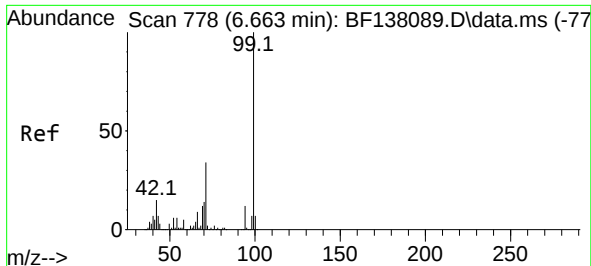
Tgt Ion:152 Resp: 133497  
Ion Ratio Lower Upper  
152 100  
150 153.1 125.4 188.0  
115 57.1 51.6 77.4



#5  
2-Fluorophenol  
Concen: 77.103 ng  
RT: 5.663 min Scan# 608  
Delta R.T. 0.000 min  
Lab File: BF138114.D  
Acq: 03 Jun 2024 18:55

Tgt Ion:112 Resp: 575787  
Ion Ratio Lower Upper  
112 100  
64 51.2 41.4 62.2  
63 26.2 21.5 32.3





#7  
Phenol-d6  
Concen: 74.030 ng  
RT: 6.651 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF138114.D  
Acq: 03 Jun 2024 18:55

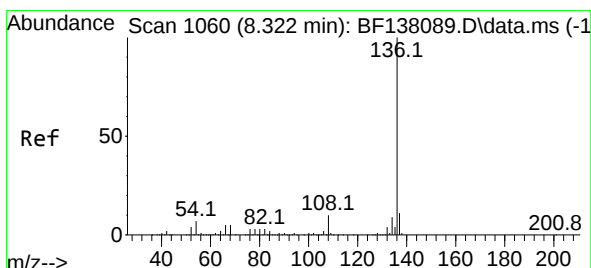
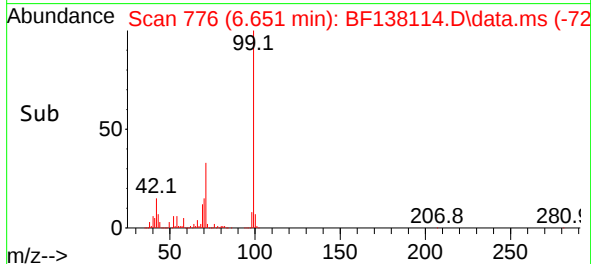
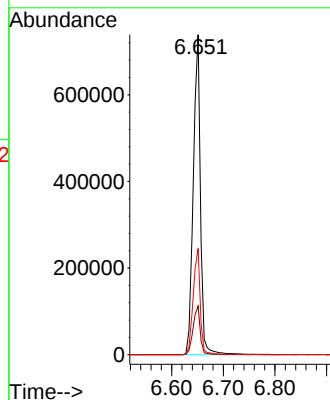
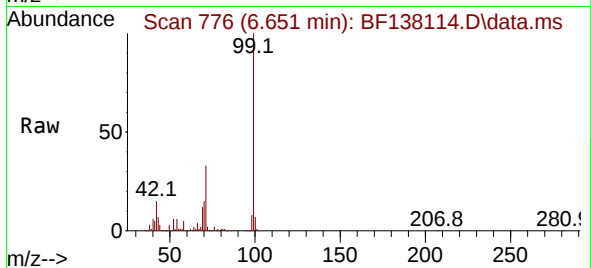
Instrument :

BNA\_F

ClientSampleId :

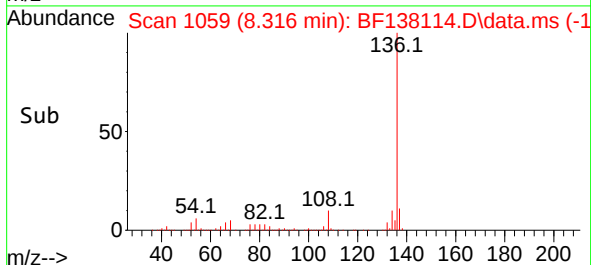
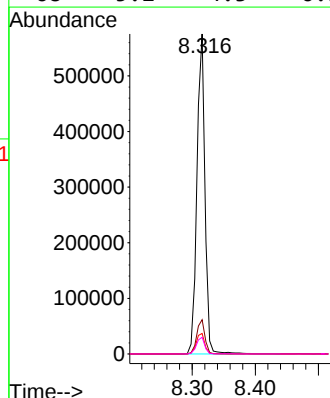
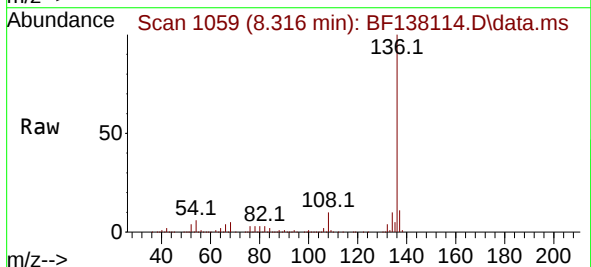
BKG-1

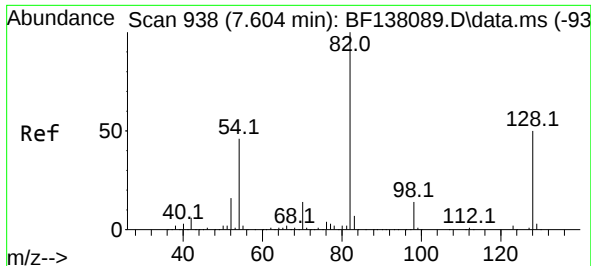
Tgt Ion: 99 Resp: 711912  
Ion Ratio Lower Upper  
99 100  
42 15.2 11.9 17.9  
71 33.2 26.8 40.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.316 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: BF138114.D  
Acq: 03 Jun 2024 18:55

Tgt Ion: 136 Resp: 505960  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.7 13.1  
54 6.4 5.4 8.0  
68 5.2 4.3 6.5

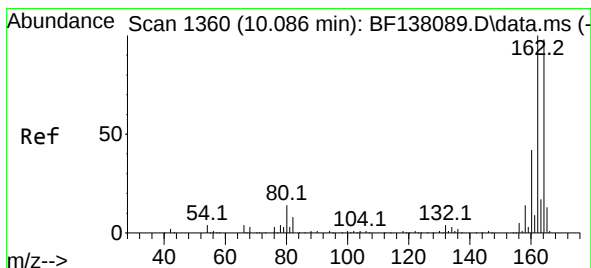
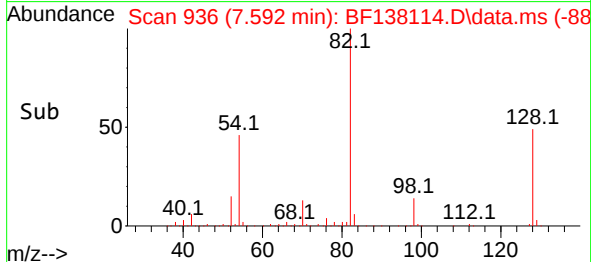
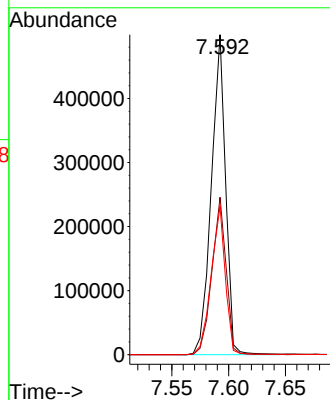
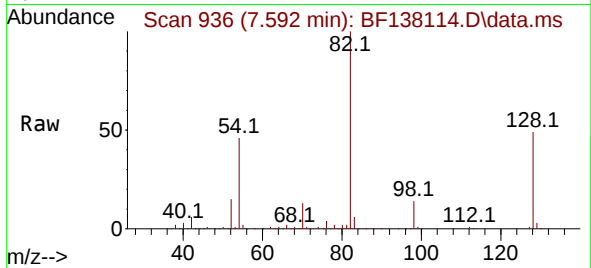




#23  
Nitrobenzene-d5  
Concen: 50.095 ng  
RT: 7.592 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BF138114.D  
Acq: 03 Jun 2024 18:55

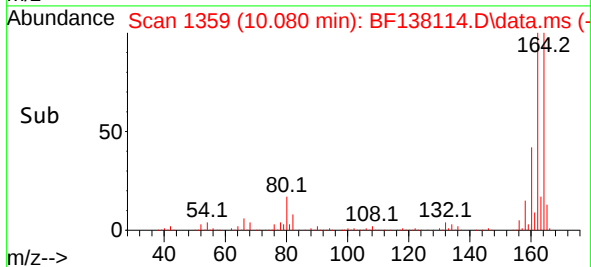
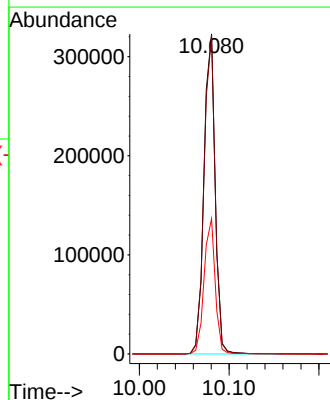
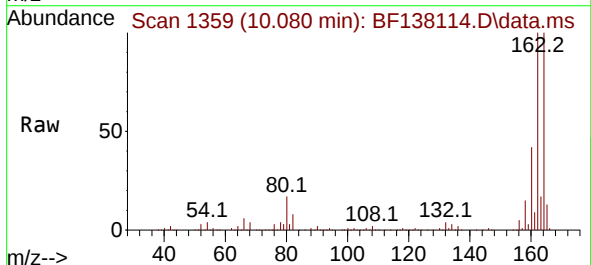
Instrument :  
BNA\_F  
ClientSampleId :  
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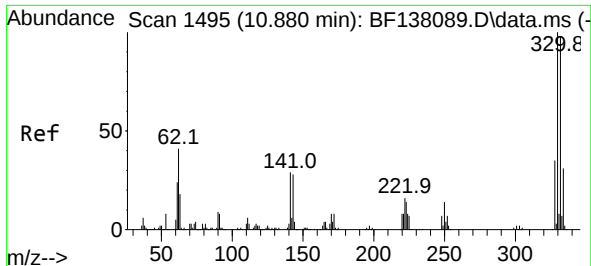
Tgt Ion: 82 Resp: 434973  
Ion Ratio Lower Upper  
82 100  
128 49.2 39.9 59.9  
54 46.4 37.0 55.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.080 min Scan# 1359  
Delta R.T. -0.006 min  
Lab File: BF138114.D  
Acq: 03 Jun 2024 18:55

Tgt Ion:164 Resp: 279437  
Ion Ratio Lower Upper  
164 100  
162 99.6 81.7 122.5  
160 42.2 34.5 51.7

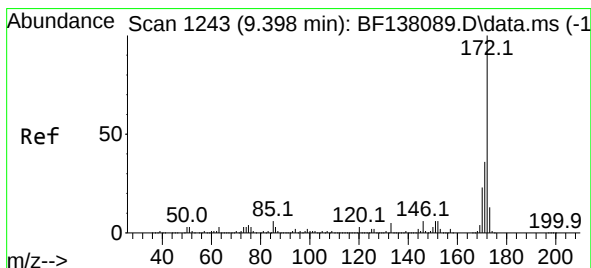
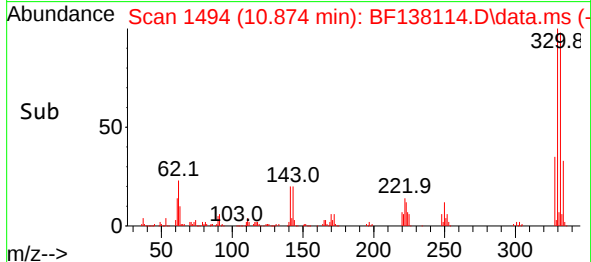
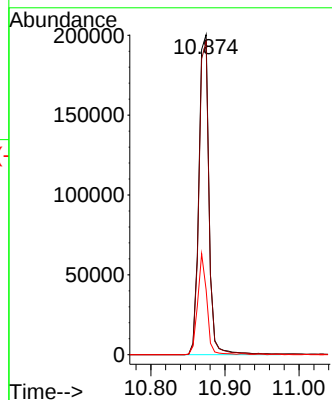
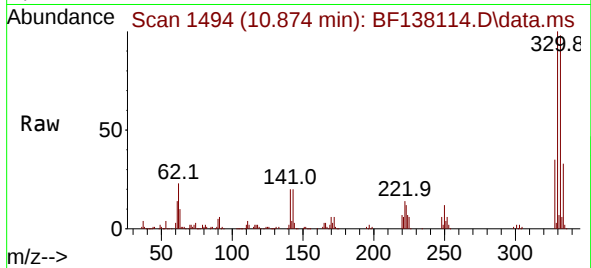




#42  
2,4,6-Tribromophenol  
Concen: 58.242 ng  
RT: 10.874 min Scan# 1494  
Delta R.T. -0.006 min  
Lab File: BF138114.D  
Acq: 03 Jun 2024 18:55

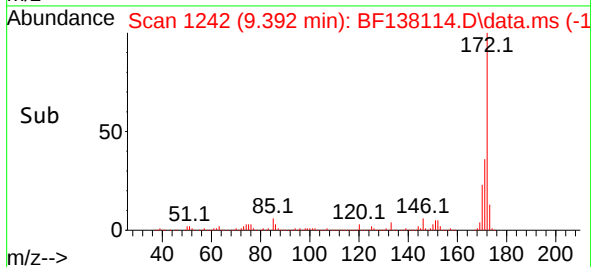
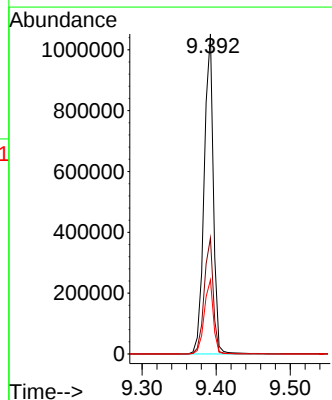
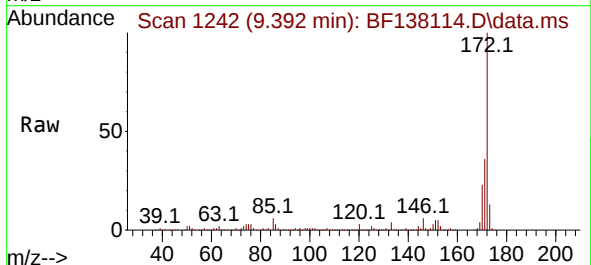
Instrument :  
BNA\_F  
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BKG-1

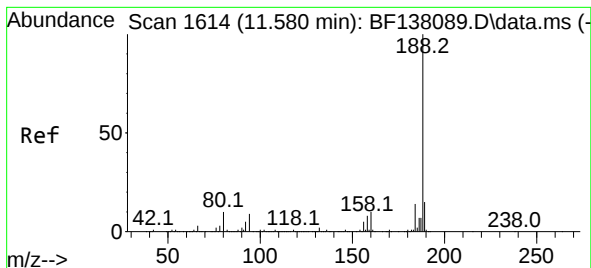
Tgt Ion:330 Resp: 189838  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.3 115.9  
141 28.2 21.4 32.0



#45  
2-Fluorobiphenyl  
Concen: 48.317 ng  
RT: 9.392 min Scan# 1242  
Delta R.T. -0.006 min  
Lab File: BF138114.D  
Acq: 03 Jun 2024 18:55

Tgt Ion:172 Resp: 910845  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.4  
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138114.D

Acq: 03 Jun 2024 18:55

Instrument :

BNA\_F

ClientSampleId :

BKG-1

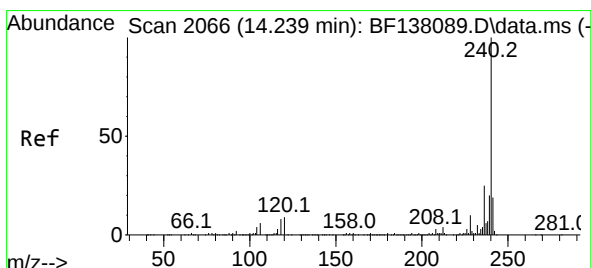
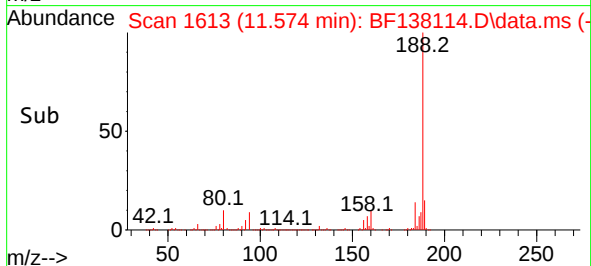
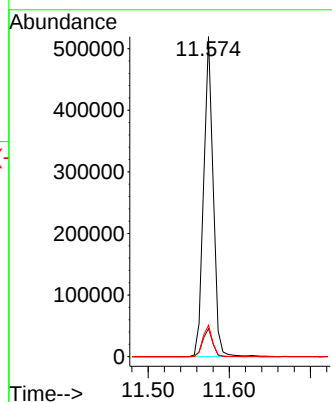
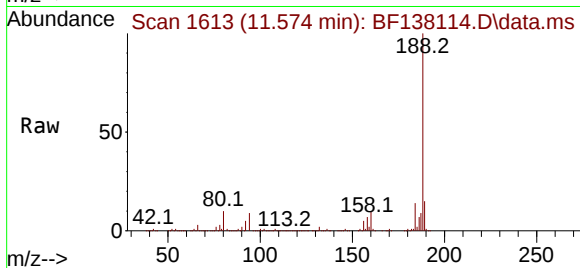
Tgt Ion:188 Resp: 423723

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.0

80 9.8 7.8 11.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.012 min

Lab File: BF138114.D

Acq: 03 Jun 2024 18:55

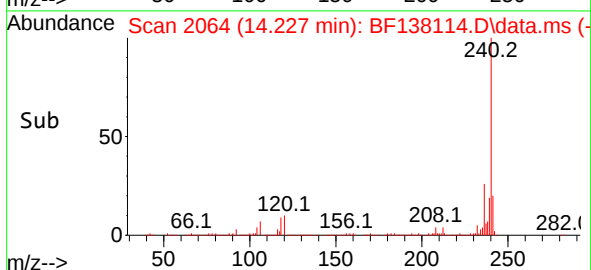
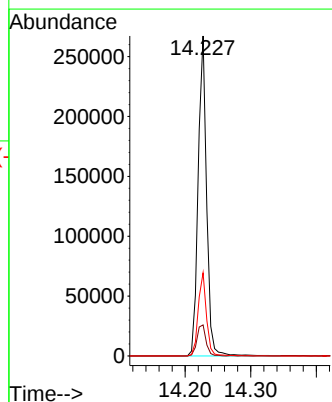
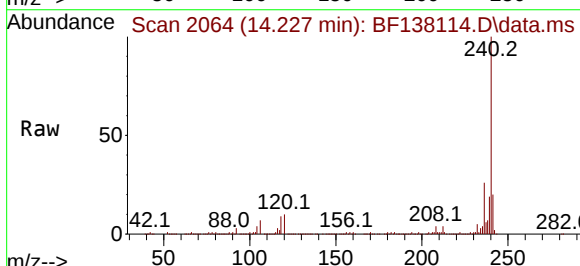
Tgt Ion:240 Resp: 239953

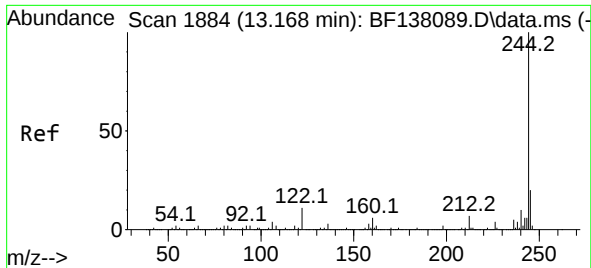
Ion Ratio Lower Upper

240 100

120 9.7 7.1 10.7

236 26.0 20.4 30.6

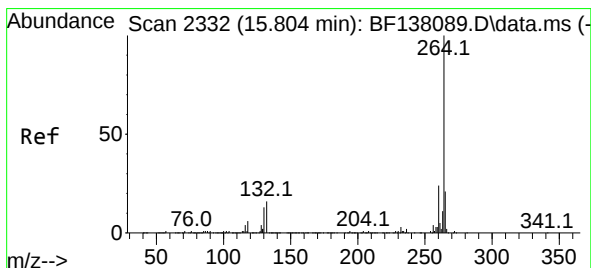
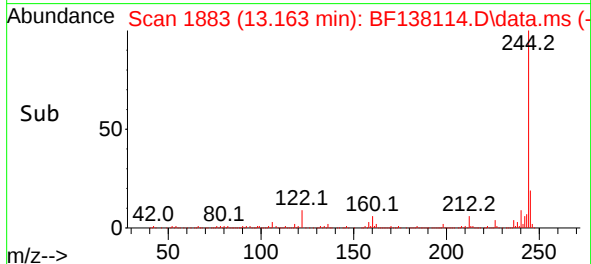
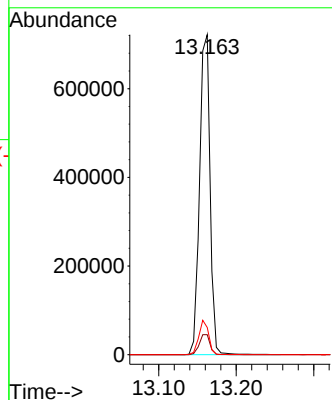
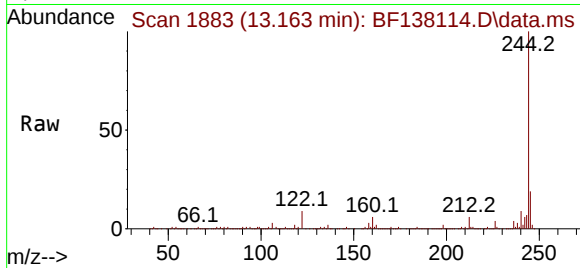




#79  
 Terphenyl-d14  
 Concen: 40.894 ng  
 RT: 13.163 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF138114.D  
 Acq: 03 Jun 2024 18:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
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Tgt Ion:244 Resp: 678378  
 Ion Ratio Lower Upper  
 244 100  
 212 6.3 5.4 8.2  
 122 8.5 8.6 12.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.792 min Scan# 2330  
 Delta R.T. -0.012 min  
 Lab File: BF138114.D  
 Acq: 03 Jun 2024 18:55

Tgt Ion:264 Resp: 287769  
 Ion Ratio Lower Upper  
 264 100  
 260 22.2 18.9 28.3  
 265 21.7 16.7 25.1

