

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071924\  
 Data File : BF138579.D  
 Acq On : 19 Jul 2024 09:48  
 Operator : RC/JU  
 Sample : PB162114BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB162114BL

Quant Time: Jul 19 11:31:36 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 09 16:58:40 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 82982    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.140  | 136  | 336221   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.892  | 164  | 182833   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.380 | 188  | 324355   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.016 | 240  | 209433   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.480 | 264  | 178011   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.498  | 112  | 736057   | 140.480 | ng    | 0.00     |
| 7) Phenol-d6                | 6.498  | 99   | 983817   | 141.147 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 653409   | 95.416  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.686 | 330  | 226040   | 132.283 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.216  | 172  | 1070467  | 91.506  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.969 | 244  | 1155932  | 89.917  | ng    | 0.00     |

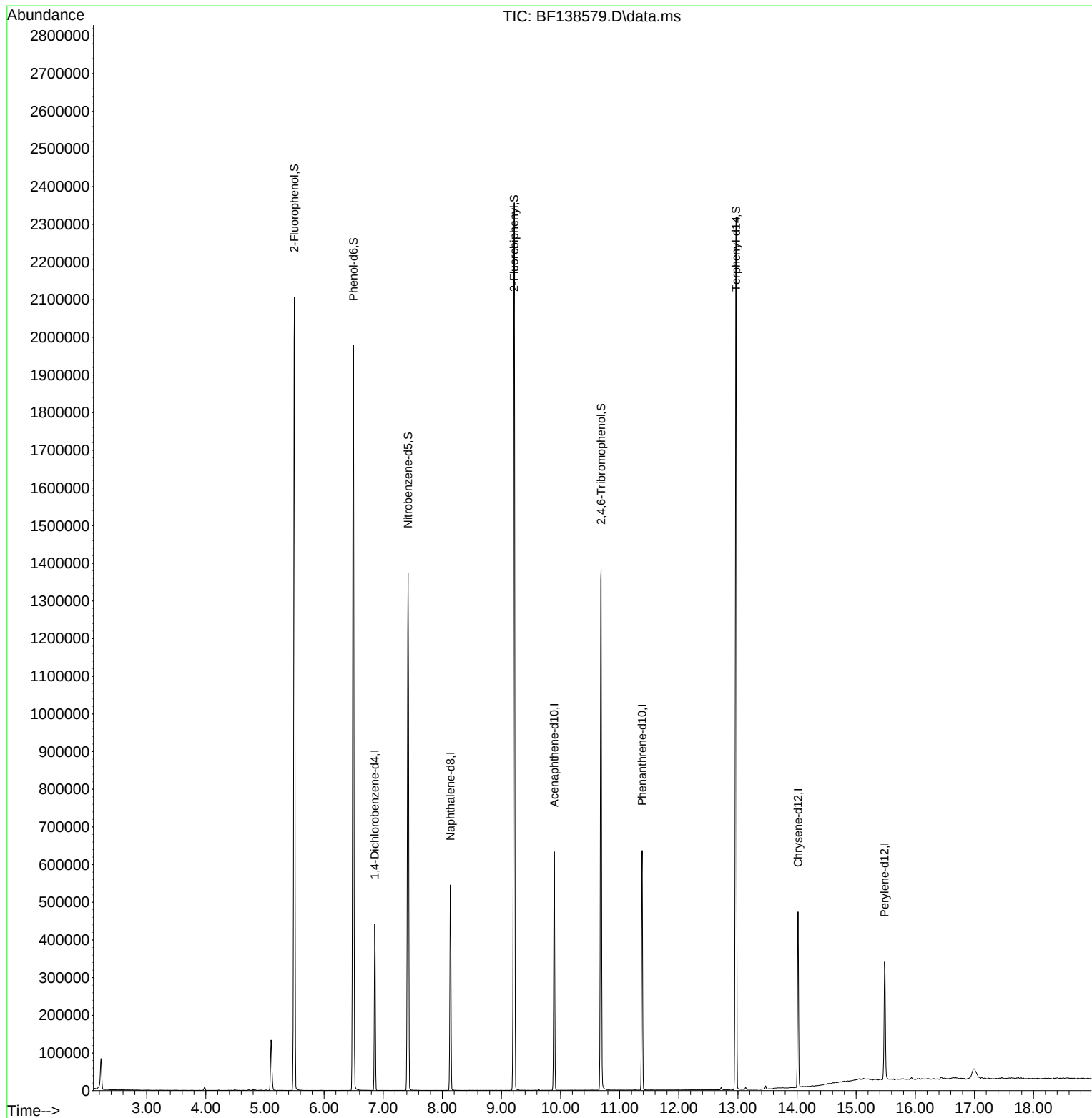
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

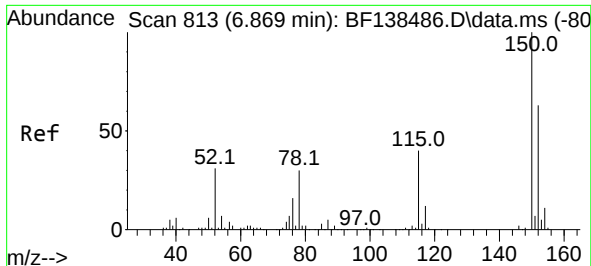
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071924\  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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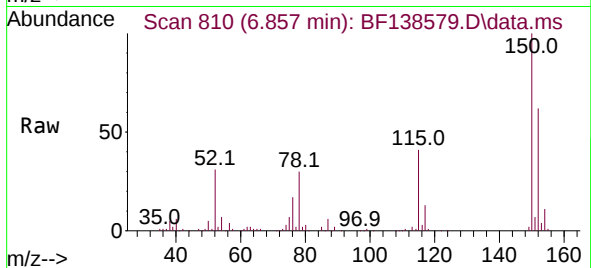
Quant Time: Jul 19 11:31:36 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF070924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 09 16:58:40 2024  
Response via : Initial Calibration



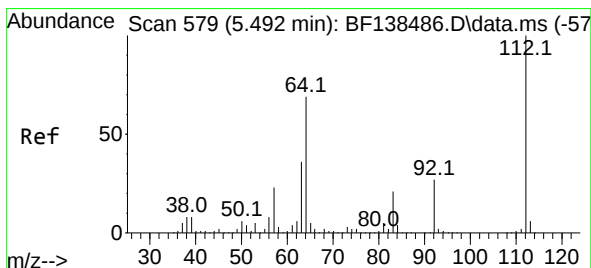
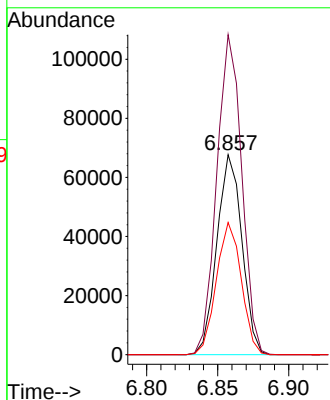
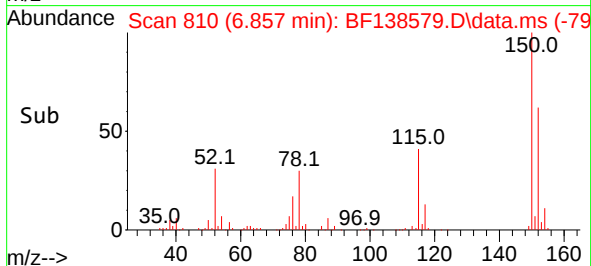


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 813  
Delta R.T. -0.012 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB162114BL

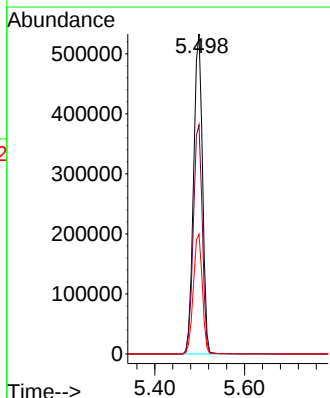
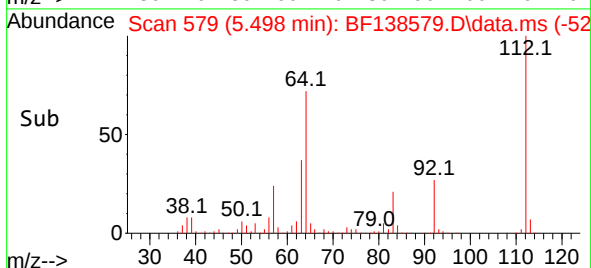
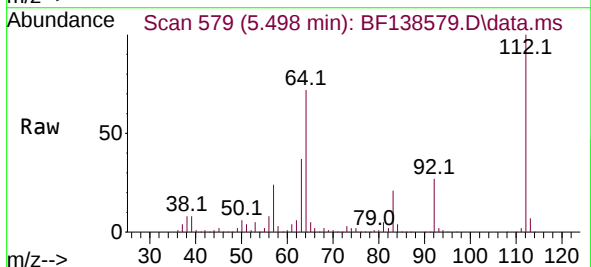


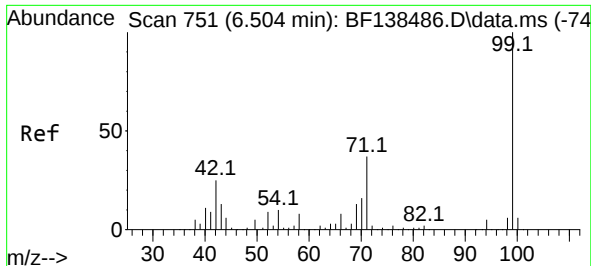
Tgt Ion:152 Resp: 82982  
Ion Ratio Lower Upper  
152 100  
150 160.0 126.2 189.4  
115 66.1 50.3 75.5



#5  
2-Fluorophenol  
Concen: 140.480 ng  
RT: 5.498 min Scan# 579  
Delta R.T. 0.006 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

Tgt Ion:112 Resp: 736057  
Ion Ratio Lower Upper  
112 100  
64 71.6 55.1 82.7  
63 37.4 29.0 43.6

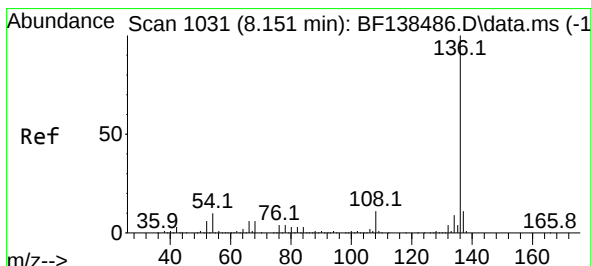
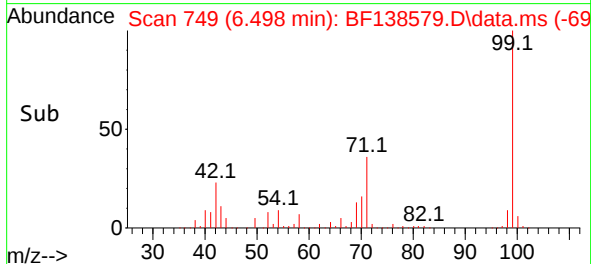
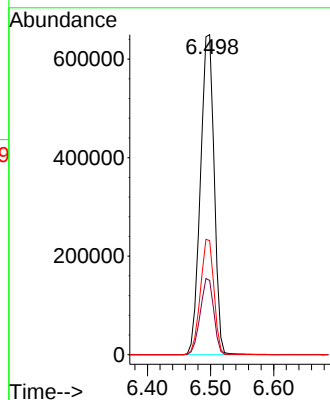
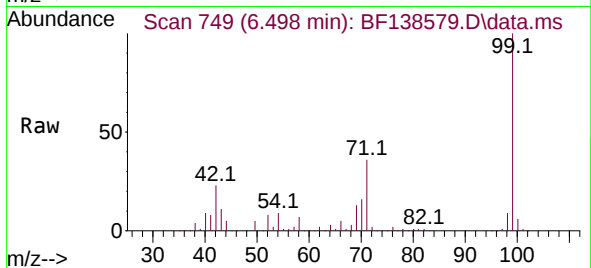




#7  
Phenol-d6  
Concen: 141.147 ng  
RT: 6.498 min Scan# 74  
Delta R.T. -0.006 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

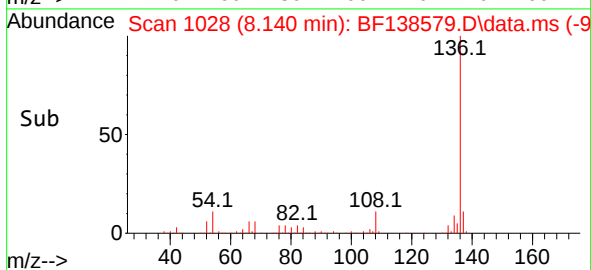
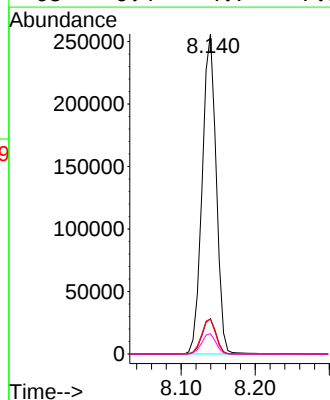
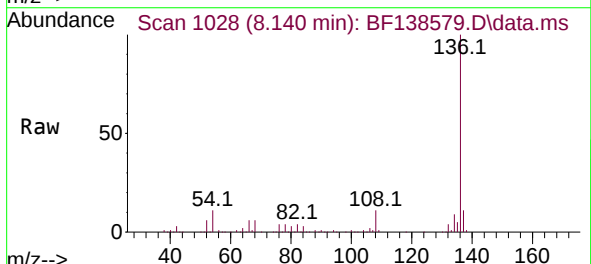
Instrument :  
BNA\_F  
ClientSampleId :  
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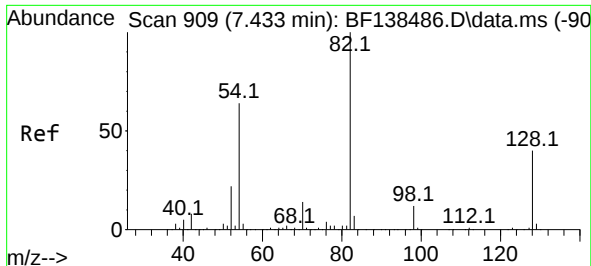
Tgt Ion: 99 Resp: 983817  
Ion Ratio Lower Upper  
99 100  
42 23.2 19.7 29.5  
71 35.7 29.9 44.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.140 min Scan# 1028  
Delta R.T. -0.012 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

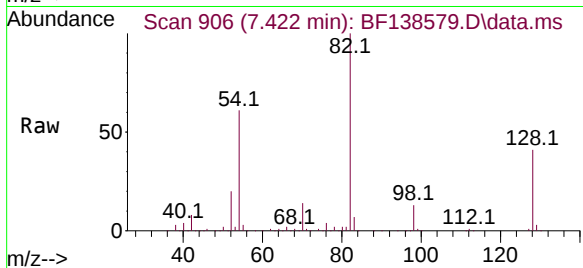
Tgt Ion: 136 Resp: 336221  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.5 12.7  
54 10.9 8.1 12.1  
68 6.4 4.7 7.1



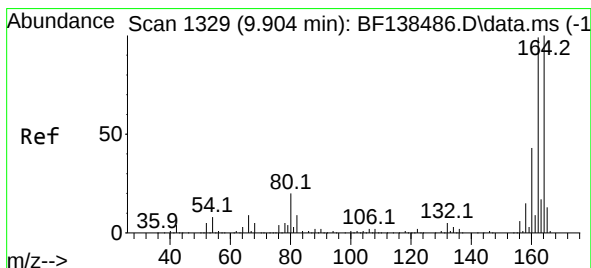
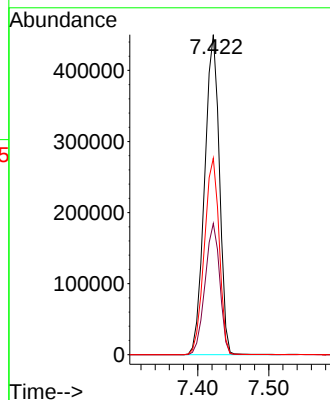
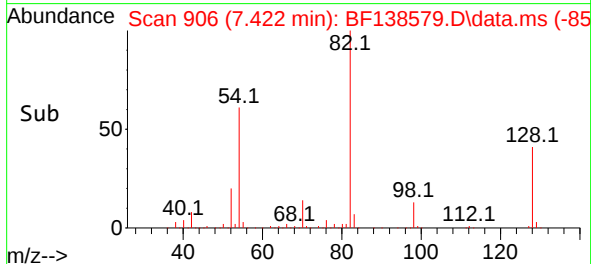


#23  
Nitrobenzene-d5  
Concen: 95.416 ng  
RT: 7.422 min Scan# 909  
Delta R.T. -0.012 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB162114BL

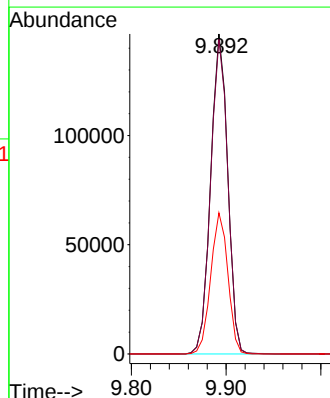
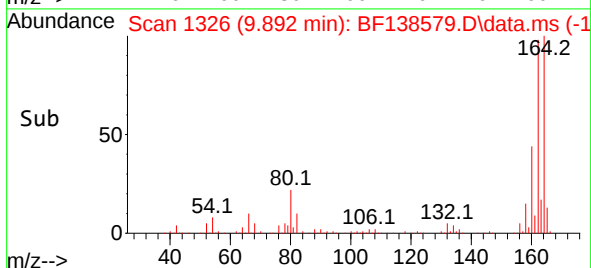
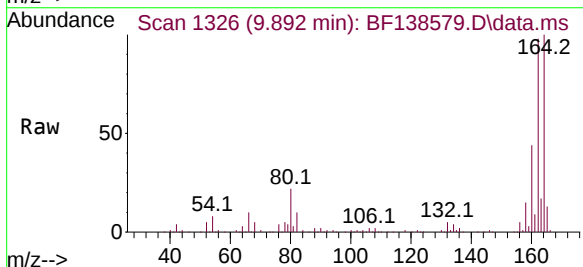


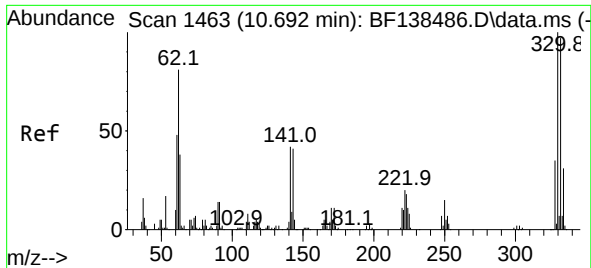
Tgt Ion: 82 Resp: 653409  
Ion Ratio Lower Upper  
82 100  
128 41.0 32.3 48.5  
54 61.4 51.4 77.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.892 min Scan# 1326  
Delta R.T. -0.012 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

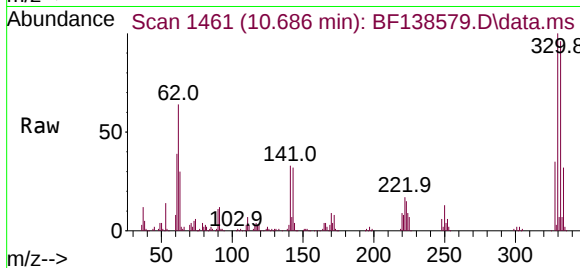
Tgt Ion: 164 Resp: 182833  
Ion Ratio Lower Upper  
164 100  
162 98.3 79.0 118.6  
160 44.1 34.4 51.6



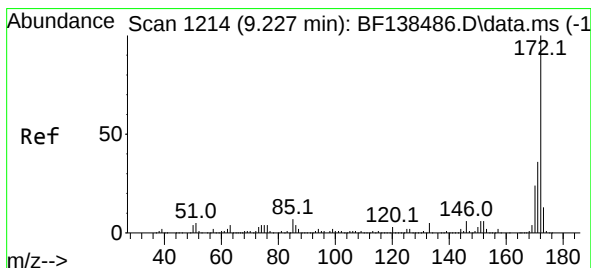
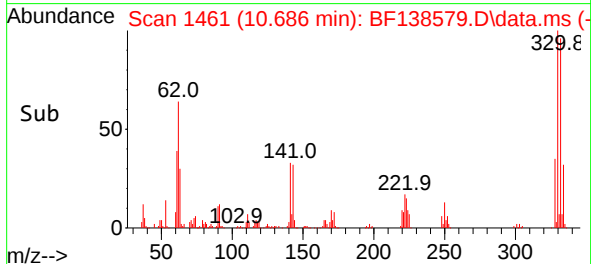
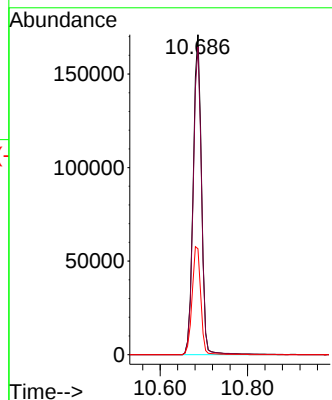


#42  
2,4,6-Tribromophenol  
Concen: 132.283 ng  
RT: 10.686 min Scan# 1461  
Delta R.T. -0.006 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

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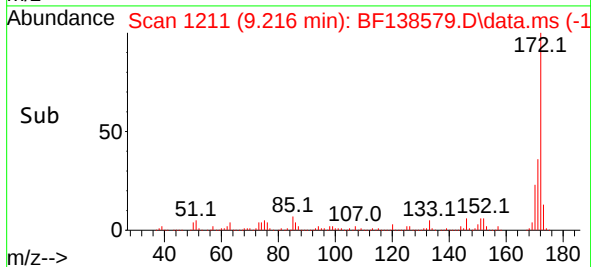
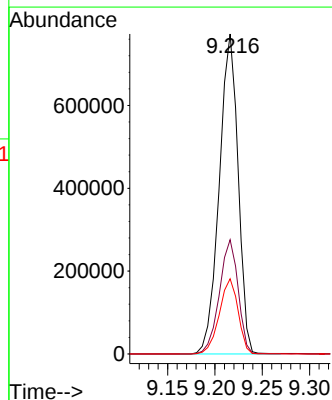
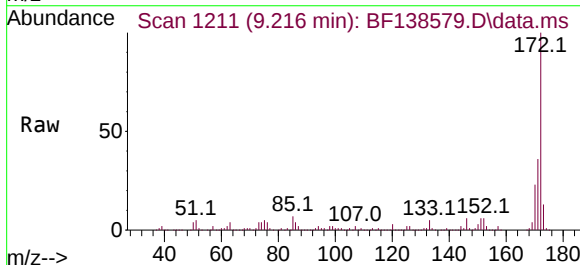


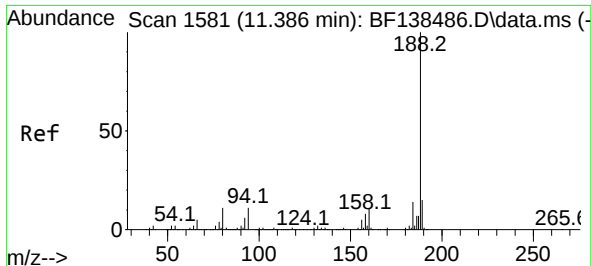
Tgt Ion:330 Resp: 226040  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.8 115.2  
141 35.0 29.4 44.2



#45  
2-Fluorobiphenyl  
Concen: 91.506 ng  
RT: 9.216 min Scan# 1211  
Delta R.T. -0.012 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

Tgt Ion:172 Resp: 1070467  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.9 43.3  
170 23.5 18.9 28.3

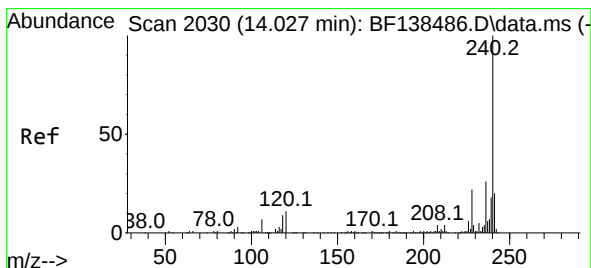
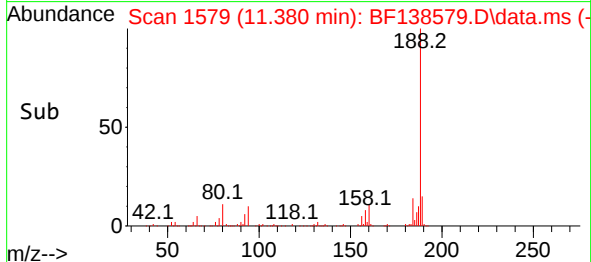
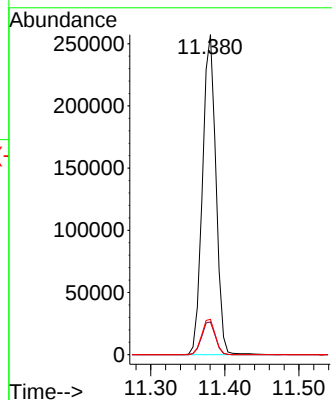
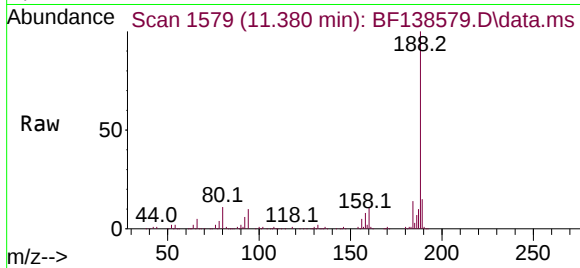




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.380 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

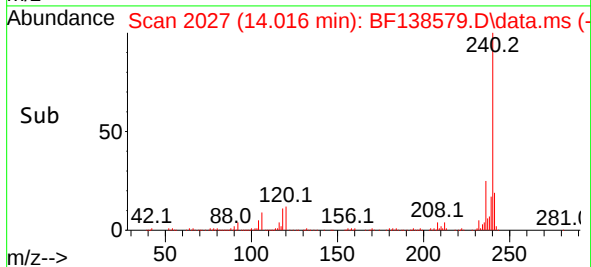
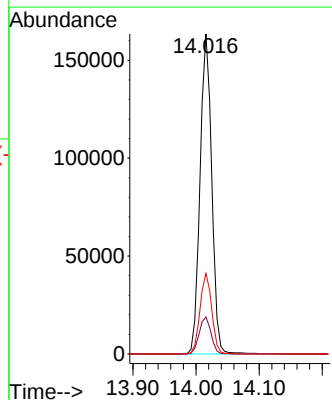
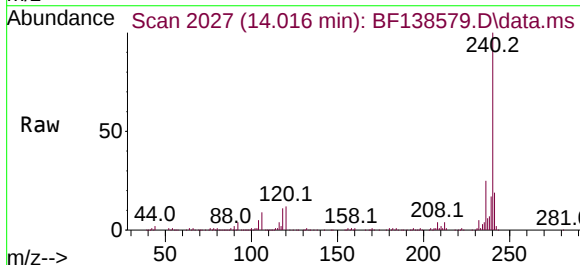
Instrument :  
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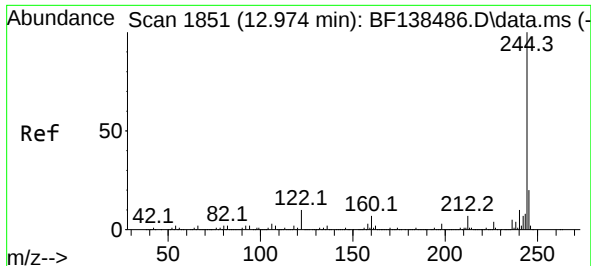
Tgt Ion:188 Resp: 324355  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.7 13.1  
80 11.0 9.0 13.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.016 min Scan# 2027  
Delta R.T. -0.012 min  
Lab File: BF138579.D  
Acq: 19 Jul 2024 09:48

Tgt Ion:240 Resp: 209433  
Ion Ratio Lower Upper  
240 100  
120 11.6 8.6 12.8  
236 25.2 21.0 31.6

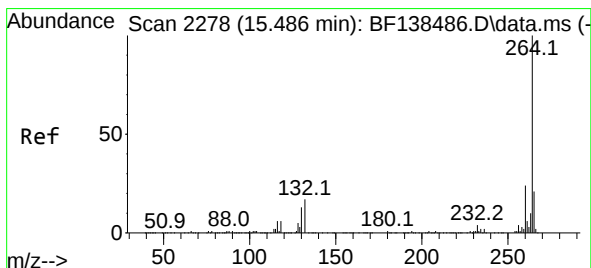
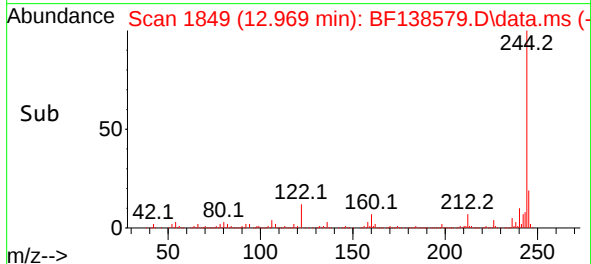
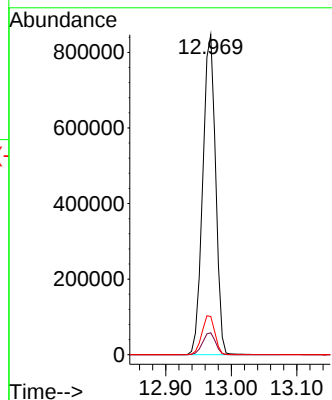
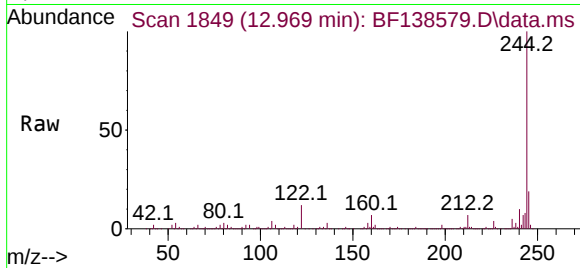




#79  
 Terphenyl-d14  
 Concen: 89.917 ng  
 RT: 12.969 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF138579.D  
 Acq: 19 Jul 2024 09:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB162114BL

Tgt Ion:244 Resp: 1155932  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 11.9 7.8 11.8#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.480 min Scan# 2276  
 Delta R.T. -0.006 min  
 Lab File: BF138579.D  
 Acq: 19 Jul 2024 09:48

Tgt Ion:264 Resp: 178011  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.0 28.6  
 265 21.7 17.0 25.4

