

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF052322\  
 Data File : BF128417.D  
 Acq On : 23 May 2022 23:38  
 Operator : CG\JU  
 Sample : N2875-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS007-0006-01

Quant Time: May 24 01:24:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052022.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 21 05:28:09 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.857  | 152  | 110919   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.139  | 136  | 428126   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.892  | 164  | 231686   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.386 | 188  | 386170   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.039 | 240  | 224252   | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.521 | 264  | 234418   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 625022   | 89.673 | ng    | 0.00     |
| 7) Phenol-d6                | 6.492  | 99   | 797829   | 86.928 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.422  | 82   | 550903   | 57.654 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.692 | 330  | 187879   | 78.631 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.210  | 172  | 841045   | 59.364 | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.974 | 244  | 722895   | 62.229 | ng    | 0.00     |

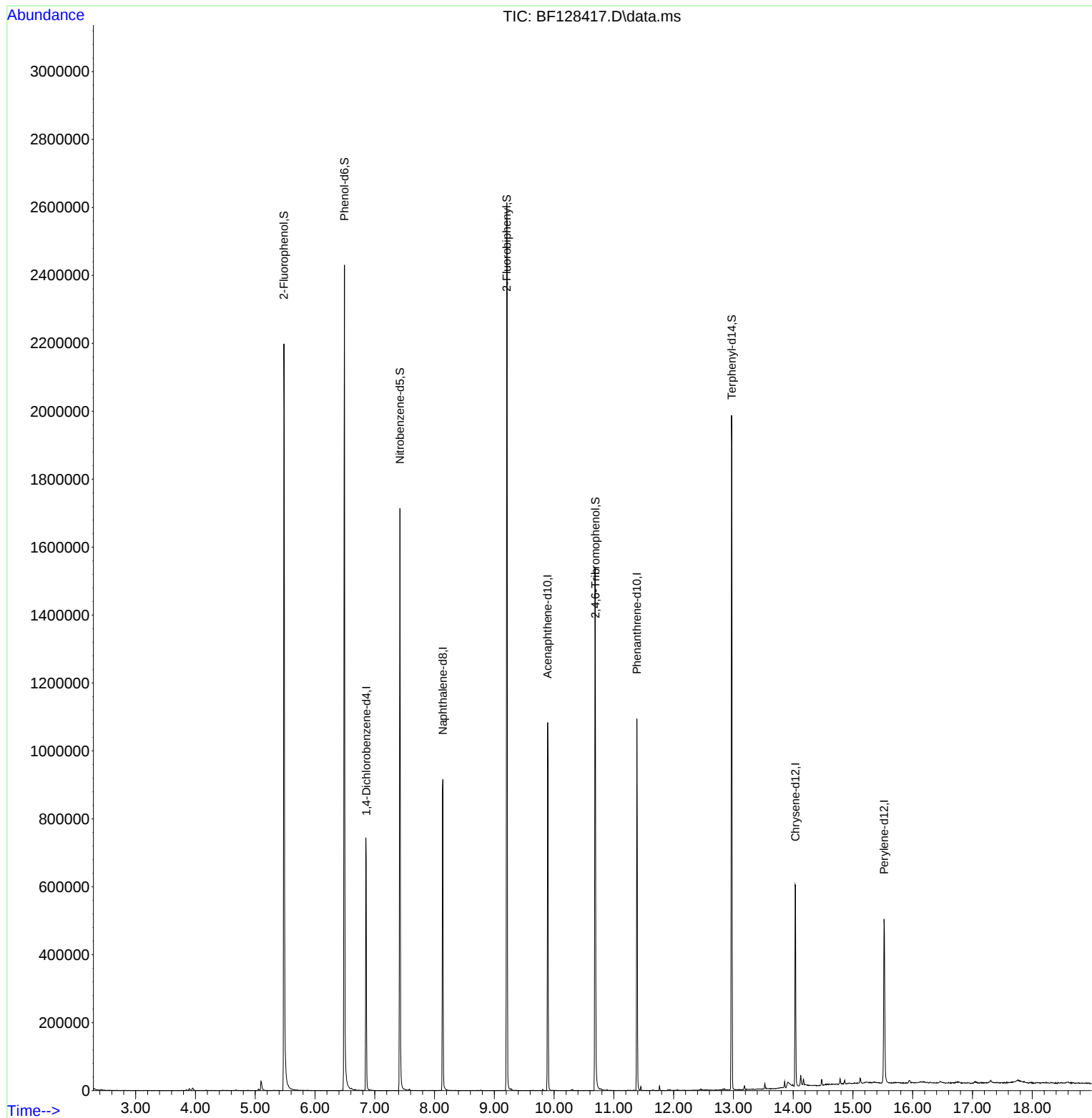
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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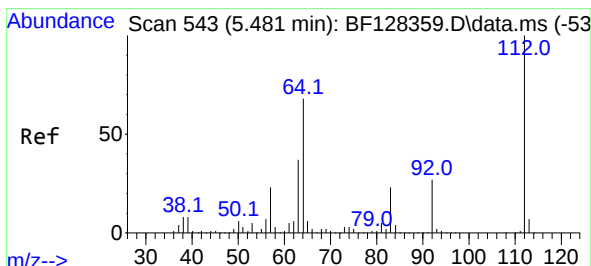
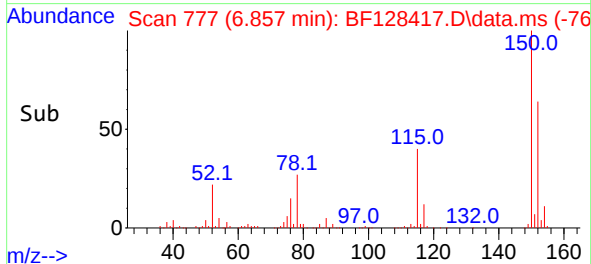
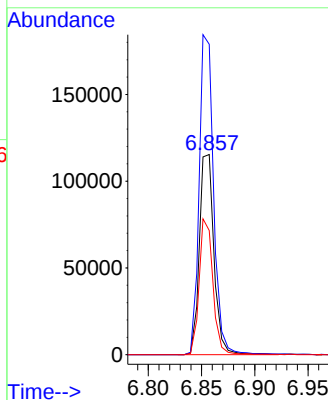
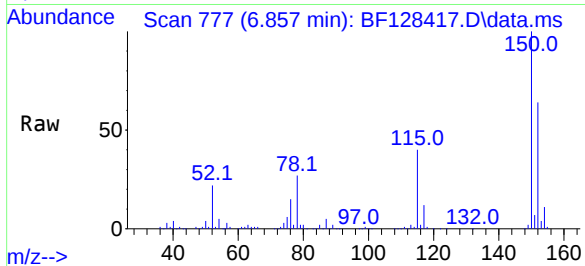




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.857 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

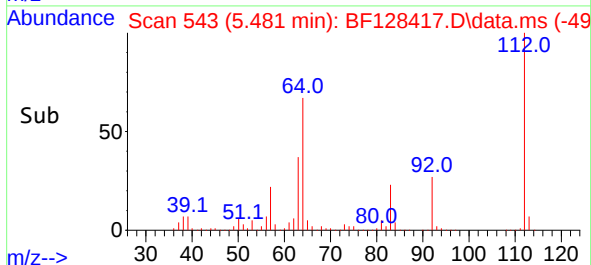
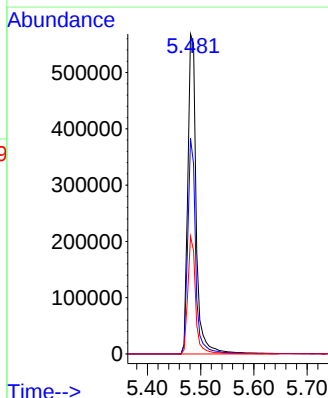
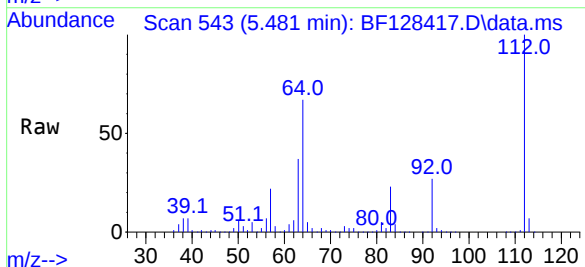
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BNA\_F  
ClientSampleId :  
P007-SS007-0006-01

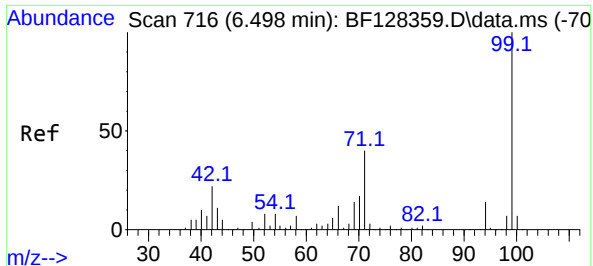
Tgt Ion:152 Resp: 110919  
Ion Ratio Lower Upper  
152 100  
150 155.1 125.3 187.9  
115 62.0 48.8 73.2



#5  
2-Fluorophenol  
Concen: 89.673 ng  
RT: 5.481 min Scan# 543  
Delta R.T. 0.000 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

Tgt Ion:112 Resp: 625022  
Ion Ratio Lower Upper  
112 100  
64 67.3 49.5 74.3  
63 36.7 26.3 39.5

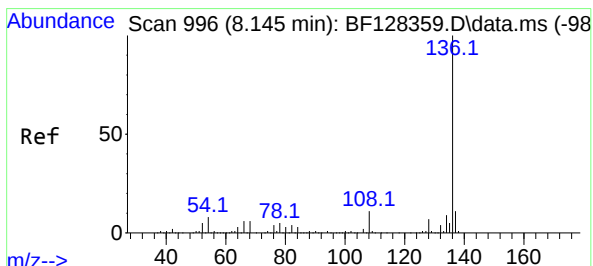
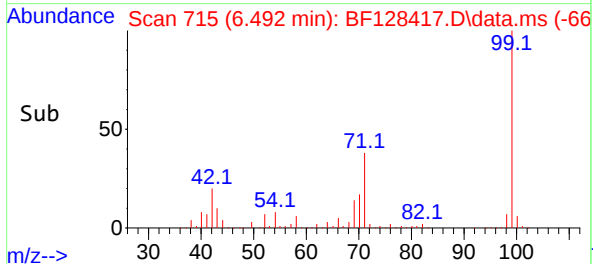
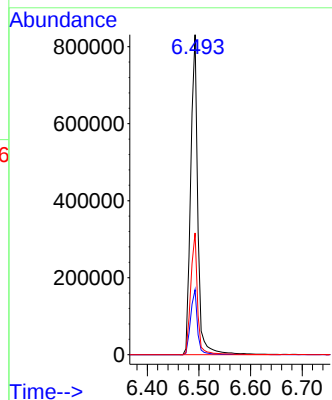
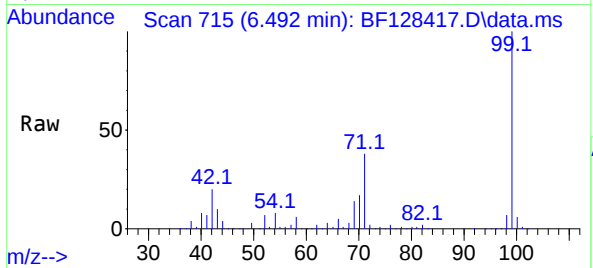




#7  
Phenol-d6  
Concen: 86.928 ng  
RT: 6.492 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

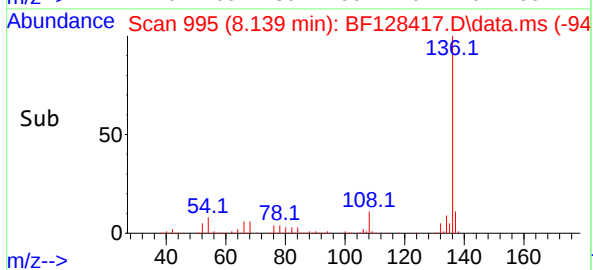
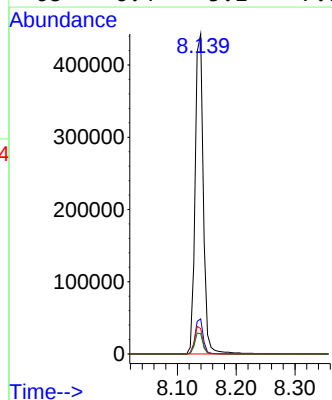
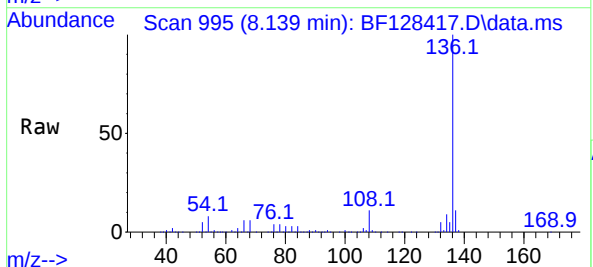
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BNA\_F  
ClientSampleId :  
P007-SS007-0006-01

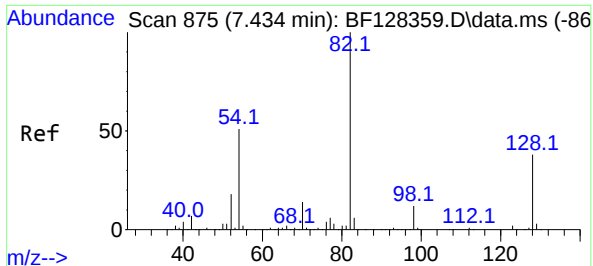
Tgt Ion: 99 Resp: 797829  
Ion Ratio Lower Upper  
99 100  
42 20.3 16.6 24.8  
71 38.0 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.139 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

Tgt Ion: 136 Resp: 428126  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 7.9 6.8 10.2  
68 6.4 5.1 7.7

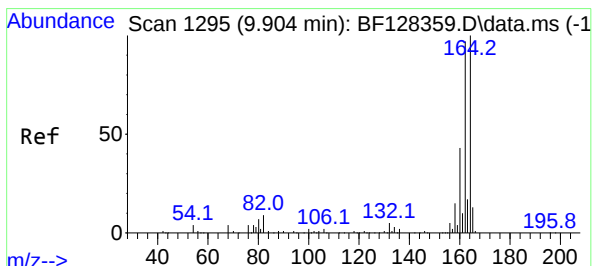
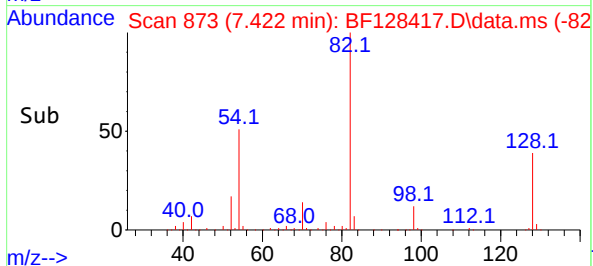
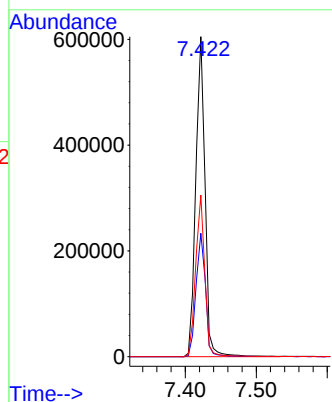
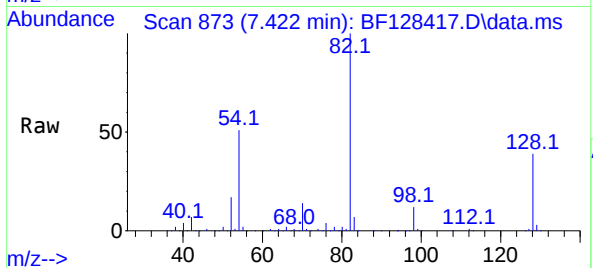




#23  
Nitrobenzene-d5  
Concen: 57.654 ng  
RT: 7.422 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

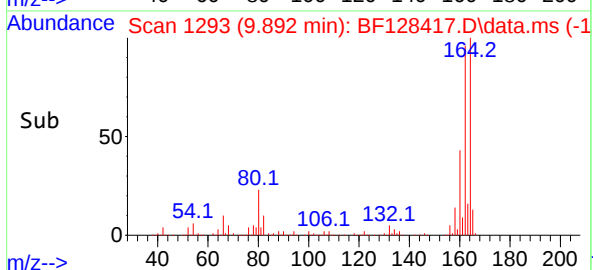
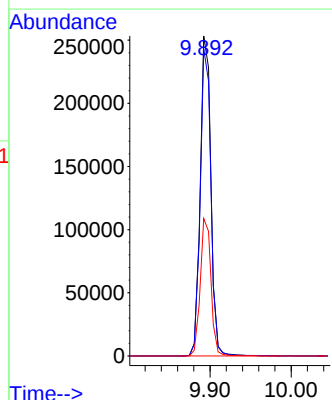
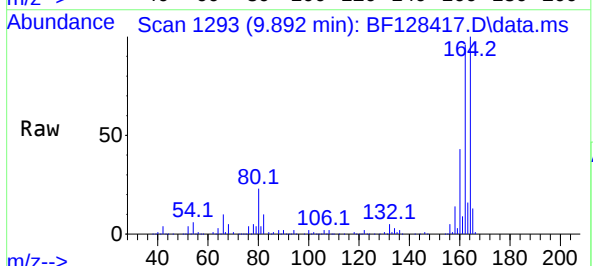
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS007-0006-01

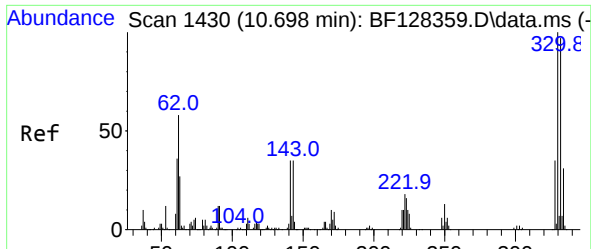
Tgt Ion: 82 Resp: 550903  
Ion Ratio Lower Upper  
82 100  
128 38.5 30.0 45.0  
54 50.5 41.3 61.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.892 min Scan# 1293  
Delta R.T. -0.012 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

Tgt Ion:164 Resp: 231686  
Ion Ratio Lower Upper  
164 100  
162 96.0 76.0 114.0  
160 43.0 34.8 52.2

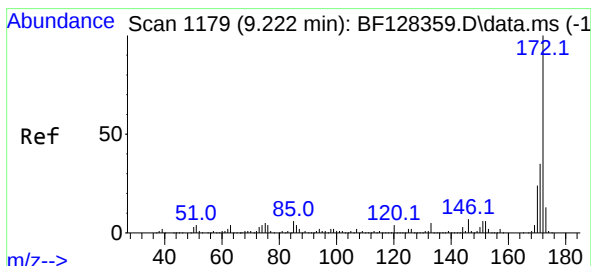
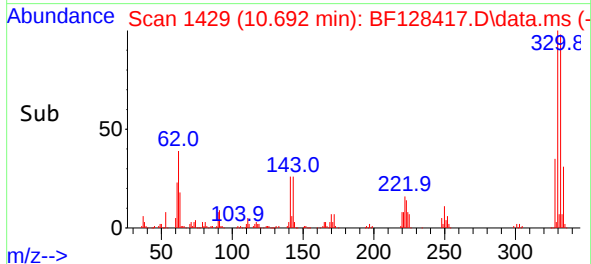
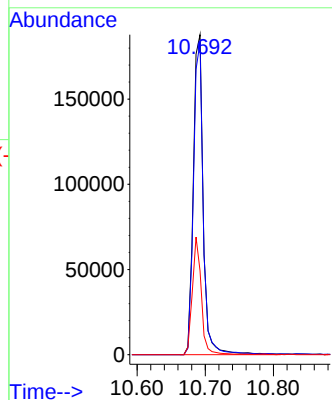
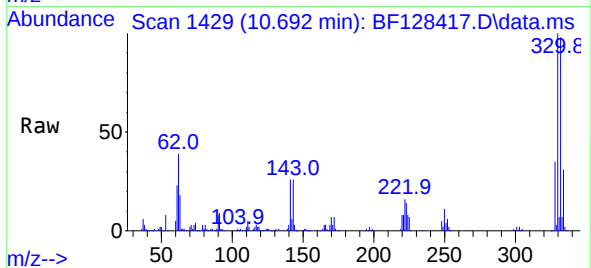




#42  
2,4,6-Tribromophenol  
Concen: 78.631 ng  
RT: 10.692 min Scan# 1429  
Delta R.T. -0.006 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

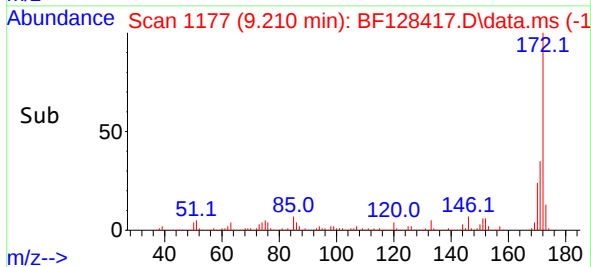
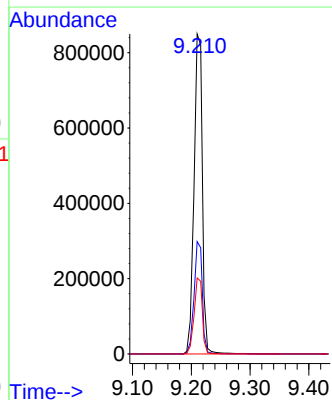
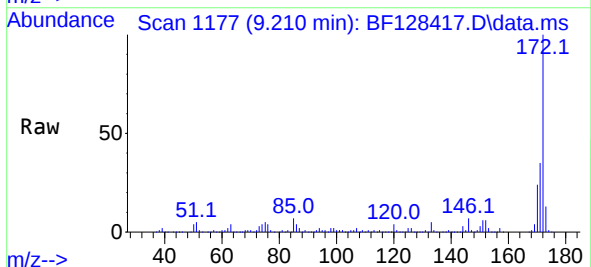
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS007-0006-01

Tgt Ion:330 Resp: 187879  
Ion Ratio Lower Upper  
330 100  
332 96.0 79.0 118.4  
141 33.4 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 59.364 ng  
RT: 9.210 min Scan# 1177  
Delta R.T. -0.012 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

Tgt Ion:172 Resp: 841045  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 42.8  
170 23.7 19.1 28.7

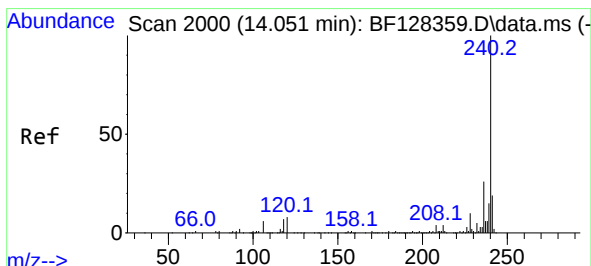
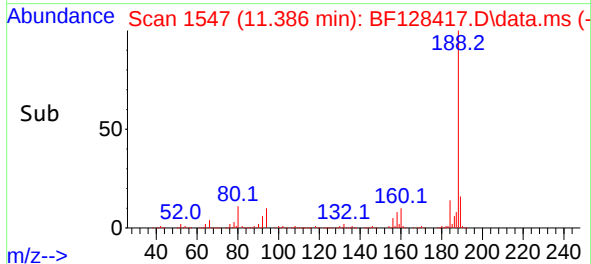
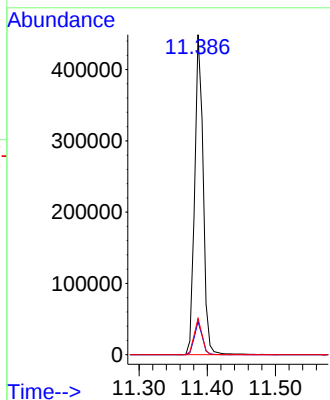
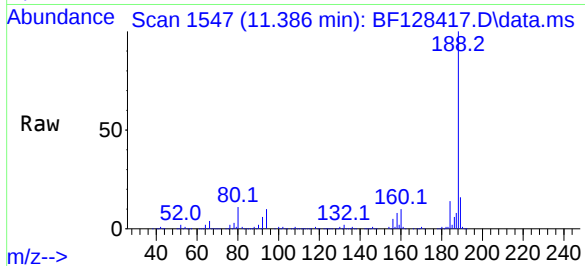




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.386 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

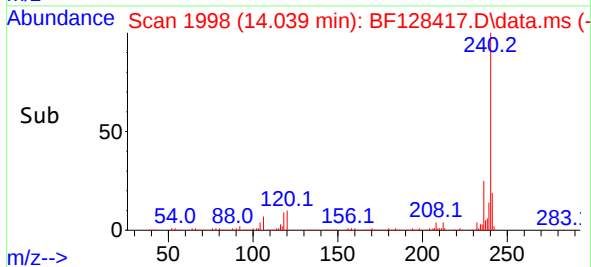
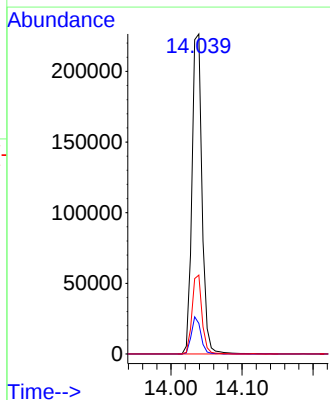
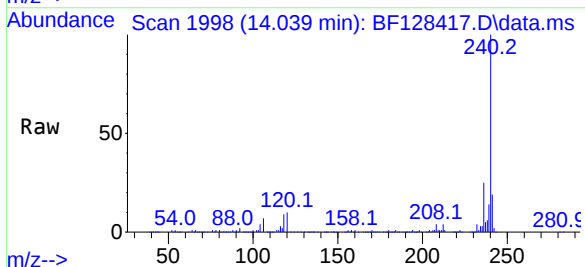
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS007-0006-01

Tgt Ion:188 Resp: 386170  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.0 12.0  
80 11.3 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.039 min Scan# 1998  
Delta R.T. -0.012 min  
Lab File: BF128417.D  
Acq: 23 May 2022 23:38

Tgt Ion:240 Resp: 224252  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.0 10.6  
236 24.7 20.3 30.5

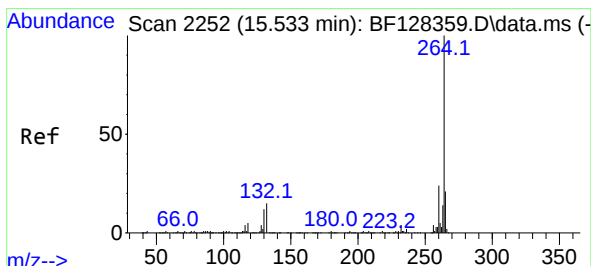
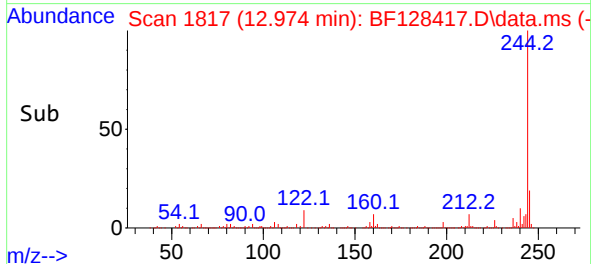
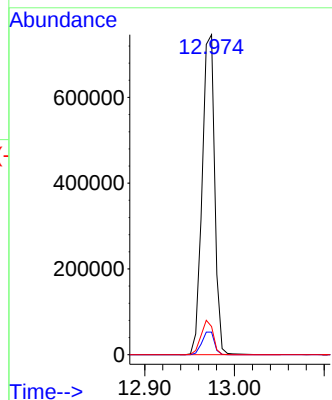
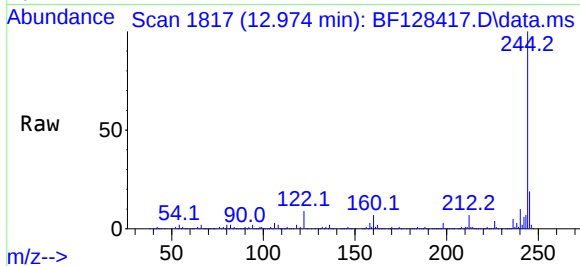




#79  
 Terphenyl-d14  
 Concen: 62.229 ng  
 RT: 12.974 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF128417.D  
 Acq: 23 May 2022 23:38

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS007-0006-01

Tgt Ion:244 Resp: 722895  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.2 9.4  
 122 8.8 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.521 min Scan# 2250  
 Delta R.T. -0.012 min  
 Lab File: BF128417.D  
 Acq: 23 May 2022 23:38

Tgt Ion:264 Resp: 234418  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 20.1 30.1  
 265 21.8 17.5 26.3

