

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062121\  
 Data File : BF124401.D  
 Acq On : 21 Jun 2021 19:28  
 Operator : JU/CG  
 Sample : M2776-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 0339-DISCRETE-CORE-1

Quant Time: Jun 22 01:33:19 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 20:09:26 2021  
 Response via : Initial Calibration

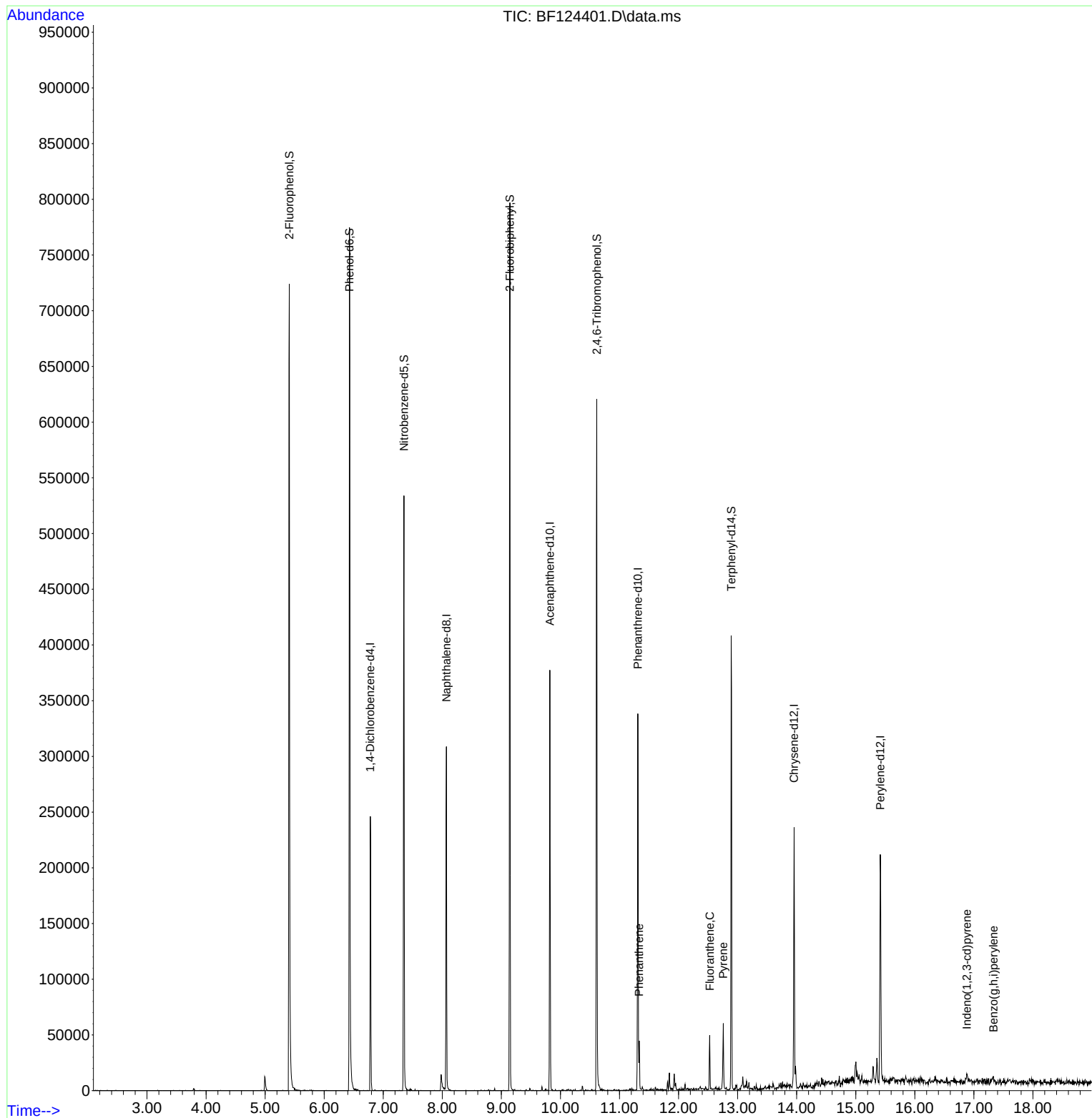
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 32250    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.069  | 136  | 117244   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.822  | 164  | 66432    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 108702   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.957 | 240  | 68287    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.415 | 264  | 84440    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.410  | 112  | 175633   | 81.981 | ng    | 0.00     |
| 7) Phenol-d6                | 6.428  | 99   | 222900   | 77.405 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 157379   | 53.238 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 66127    | 70.260 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 210653   | 39.902 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.892 | 244  | 123439   | 24.818 | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 71) Phenanthrene            | 11.333 | 178  | 15084    | 2.221  | ng    | # 88     |
| 75) Fluoranthene            | 12.527 | 202  | 18018    | 2.528  | ng    | 93       |
| 78) Pyrene                  | 12.757 | 202  | 22960    | 3.501  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.880 | 276  | 4085     | 4.864  | ng    | # 91     |
| 92) Benzo(g,h,i)perylene    | 17.333 | 276  | 4518     | 4.510  | ng    | # 85     |
| -----                       |        |      |          |        |       |          |

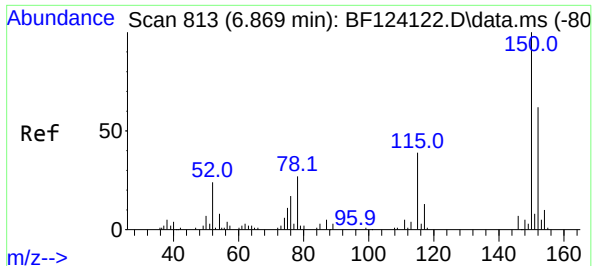
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF062121\  
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Instrument :  
BNA\_F  
ClientSampleId :  
0339-DISCRETE-CORE-1

Quant Time: Jun 22 01:33:19 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 15 20:09:26 2021  
Response via : Initial Calibration

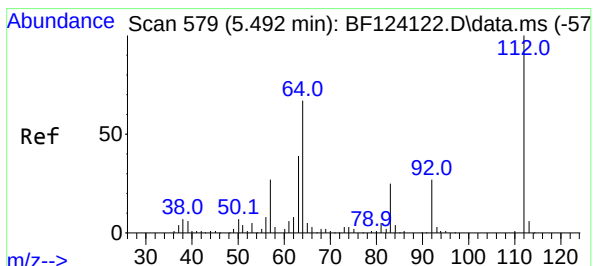
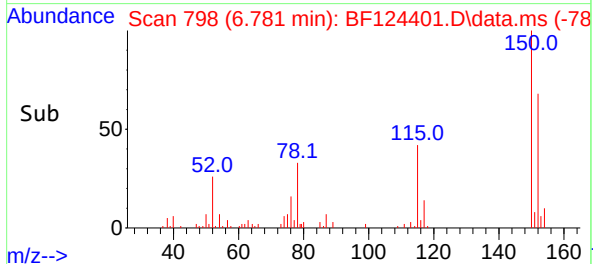
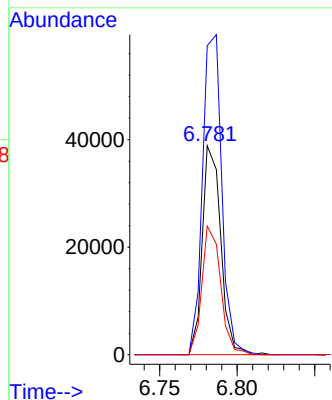
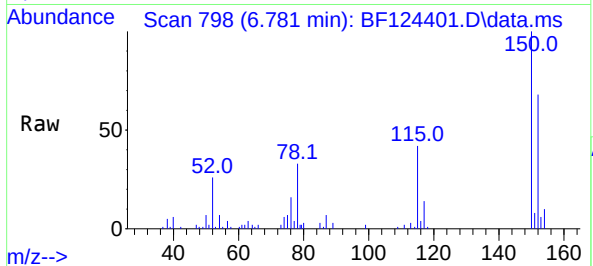




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.005 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

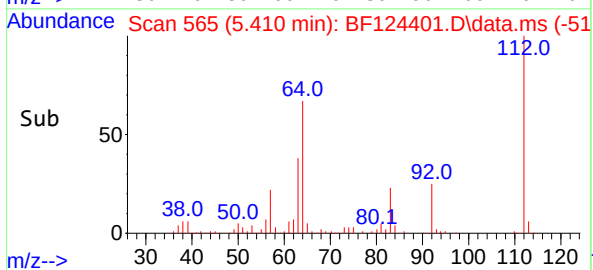
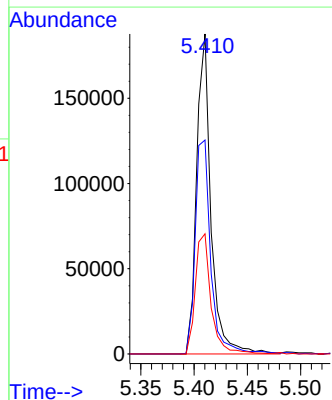
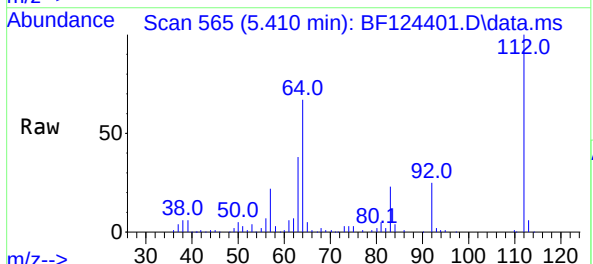
Instrument :  
BNA\_F  
ClientSampleId :  
0339-DISCRETE-CORE-1

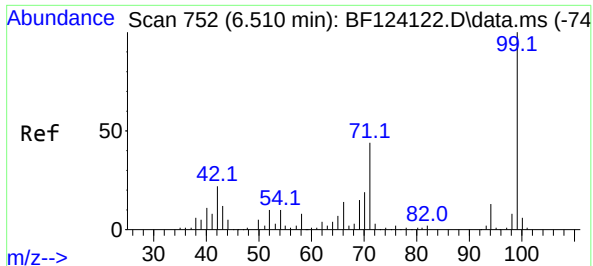
Tgt Ion:152 Resp: 32250  
Ion Ratio Lower Upper  
152 100  
150 148.0 127.0 190.6  
115 61.6 54.3 81.5



#5  
2-Fluorophenol  
Concen: 81.981 ng  
RT: 5.410 min Scan# 565  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

Tgt Ion:112 Resp: 175633  
Ion Ratio Lower Upper  
112 100  
64 66.9 61.4 92.0  
63 37.5 33.0 49.4

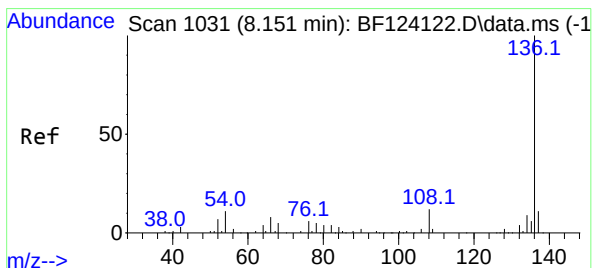
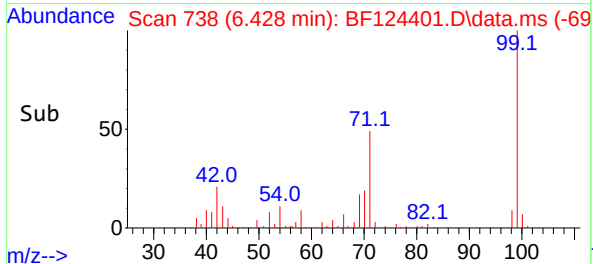
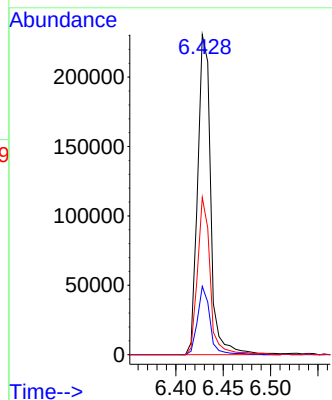
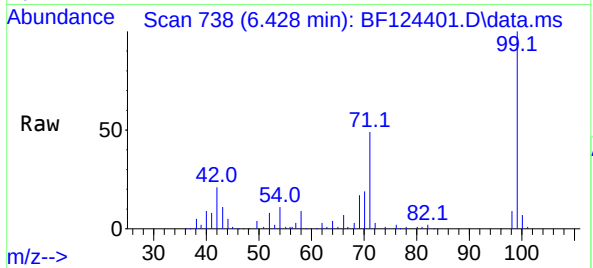




#7  
Phenol-d6  
Concen: 77.405 ng  
RT: 6.428 min Scan# 738  
Delta R.T. -0.018 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

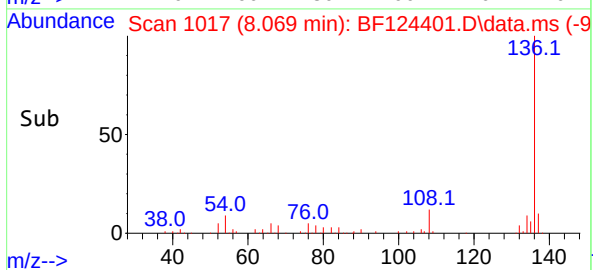
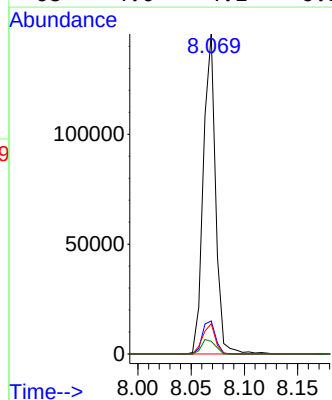
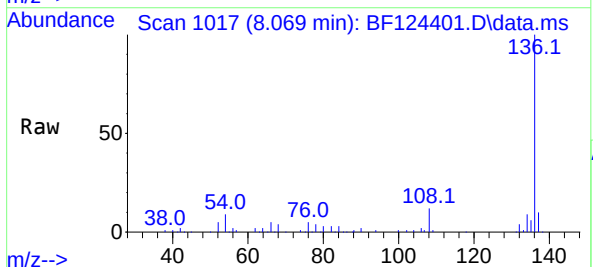
Instrument :  
BNA\_F  
ClientSampleId :  
0339-DISCRETE-CORE-1

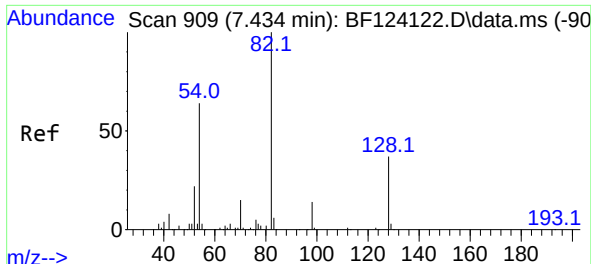
Tgt Ion: 99 Resp: 222900  
Ion Ratio Lower Upper  
99 100  
42 21.3 19.8 29.8  
71 49.2 31.1 46.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.069 min Scan# 1017  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

Tgt Ion: 136 Resp: 117244  
Ion Ratio Lower Upper  
136 100  
137 10.3 8.7 13.1  
54 9.4 9.8 14.6#  
68 4.0 4.1 6.1#

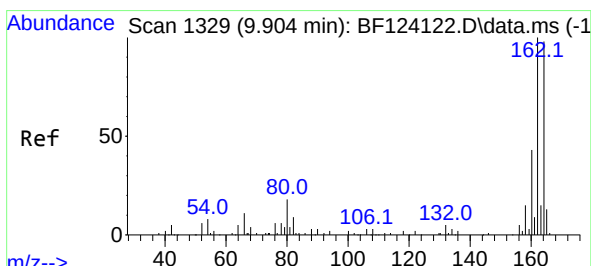
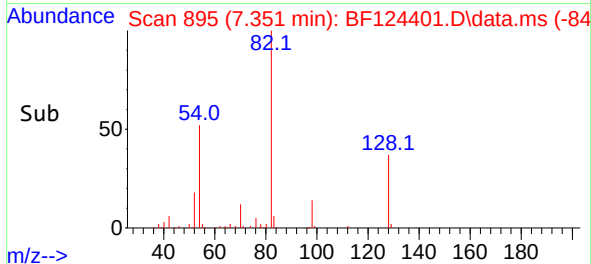
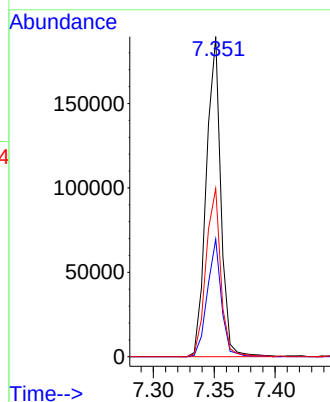
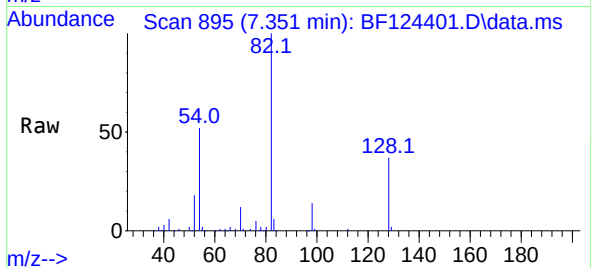




#23  
Nitrobenzene-d5  
Concen: 53.238 ng  
RT: 7.351 min Scan# 895  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

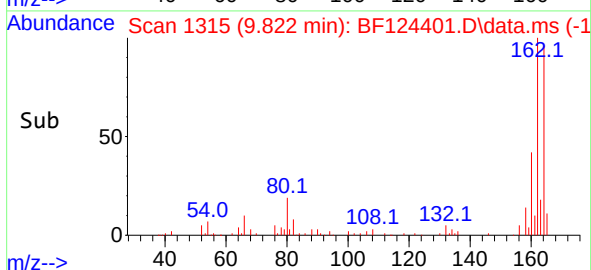
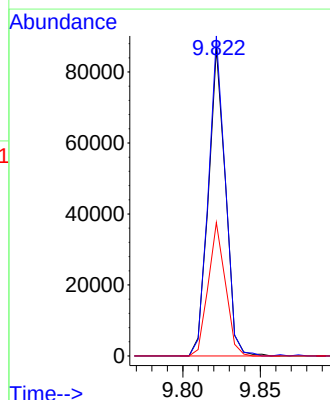
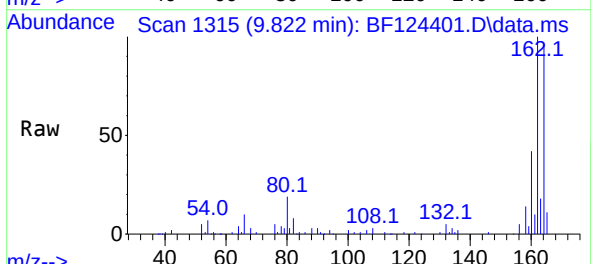
Instrument :  
BNA\_F  
ClientSampleId :  
0339-DISCRETE-CORE-1

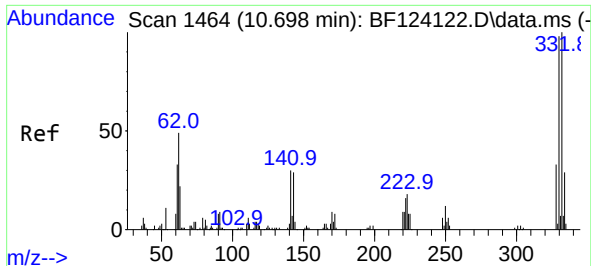
Tgt Ion: 82 Resp: 157379  
Ion Ratio Lower Upper  
82 100  
128 36.7 29.4 44.2  
54 52.5 54.1 81.1#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.822 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

Tgt Ion: 164 Resp: 66432  
Ion Ratio Lower Upper  
164 100  
162 104.1 80.7 121.1  
160 43.4 37.3 55.9

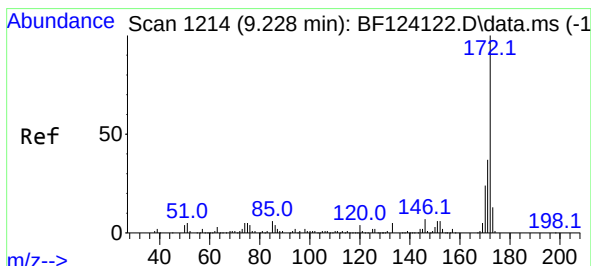
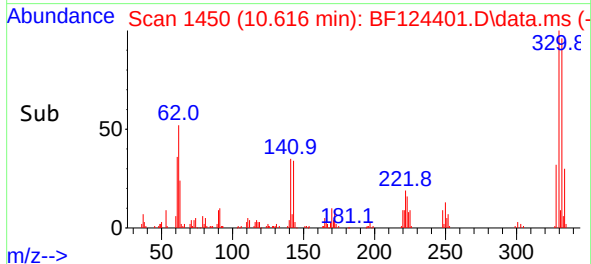
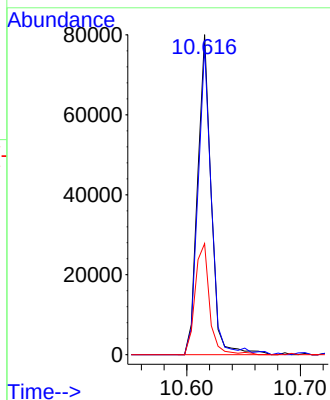
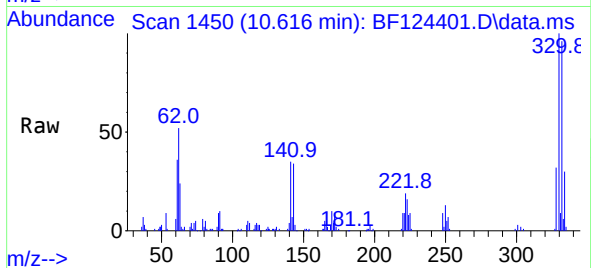




#42  
2,4,6-Tribromophenol  
Concen: 70.260 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

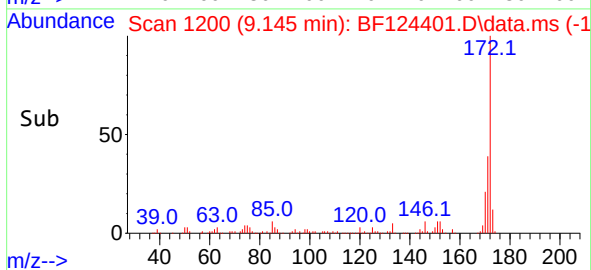
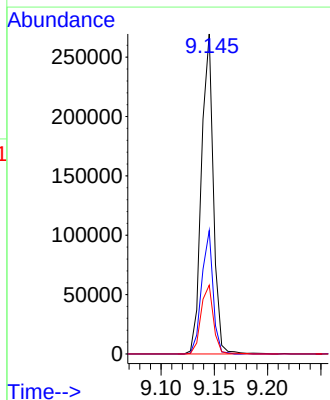
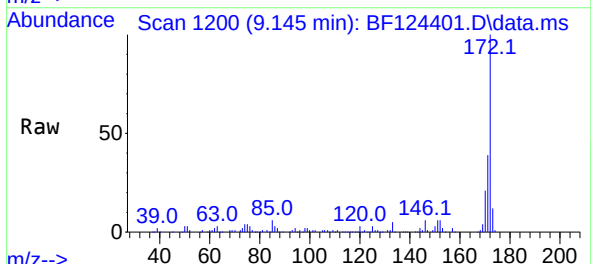
Instrument :  
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ClientSampleId :  
0339-DISCRETE-CORE-1

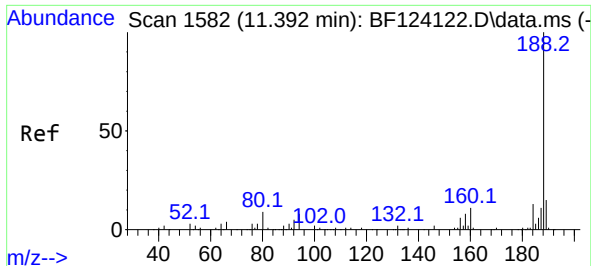
Tgt Ion: 330 Resp: 66127  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.1 115.7  
141 37.1 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 39.902 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

Tgt Ion: 172 Resp: 210653  
Ion Ratio Lower Upper  
172 100  
171 38.6 28.1 42.1  
170 21.5 19.2 28.8

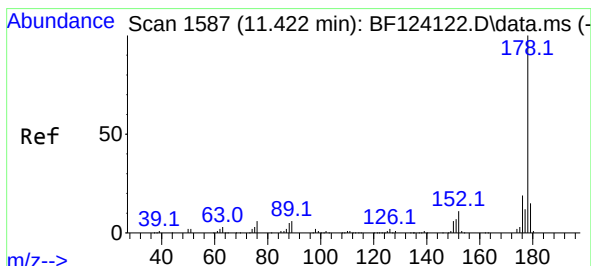
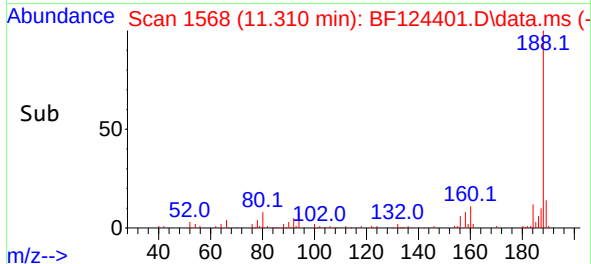
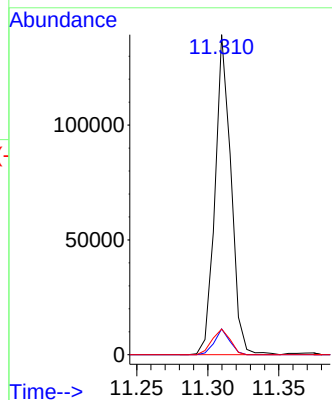
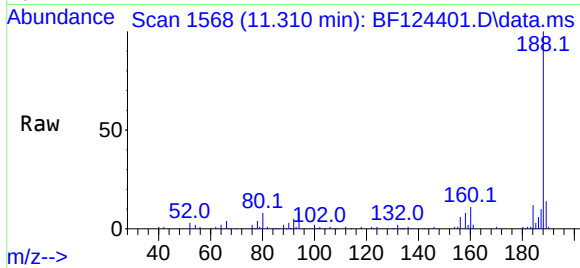




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

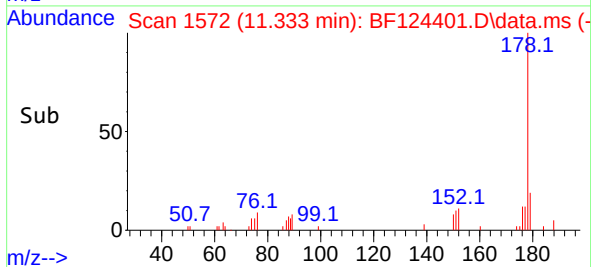
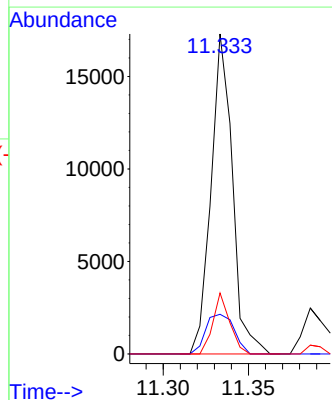
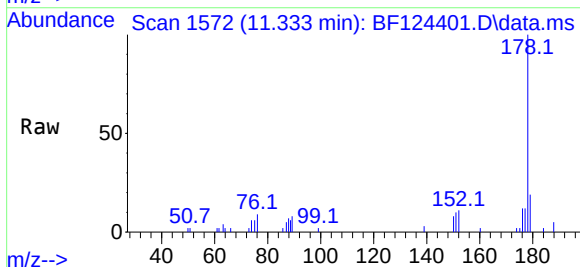
Instrument :  
BNA\_F  
ClientSampleId :  
0339-DISCRETE-CORE-1

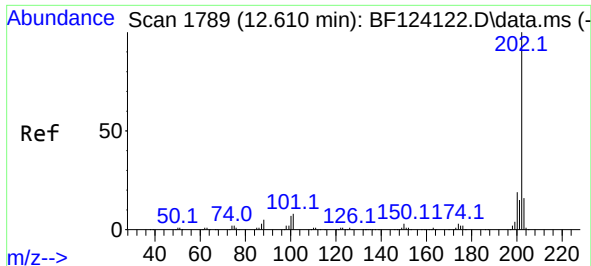
Tgt Ion:188 Resp: 108702  
Ion Ratio Lower Upper  
188 100  
94 8.1 6.9 10.3  
80 8.0 8.2 12.2#



#71  
Phenanthrene  
Concen: 2.221 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. -0.012 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

Tgt Ion:178 Resp: 15084  
Ion Ratio Lower Upper  
178 100  
176 12.4 15.6 23.4#  
179 19.0 12.5 18.7#

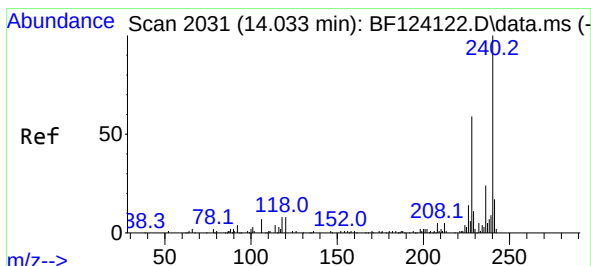
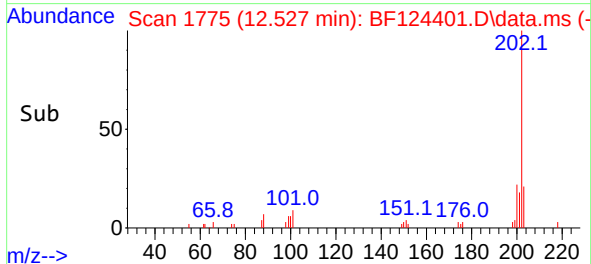
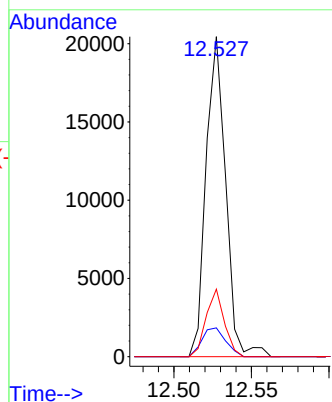
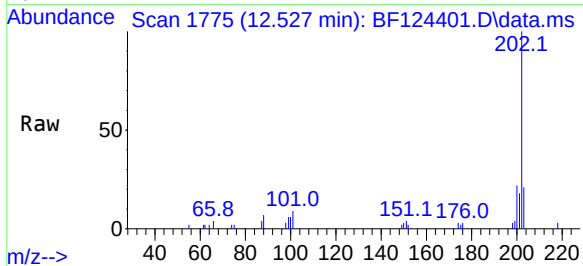




#75  
Fluoranthene  
Concen: 2.528 ng  
RT: 12.527 min Scan# 1775  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

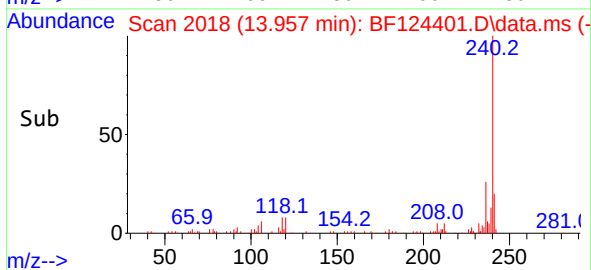
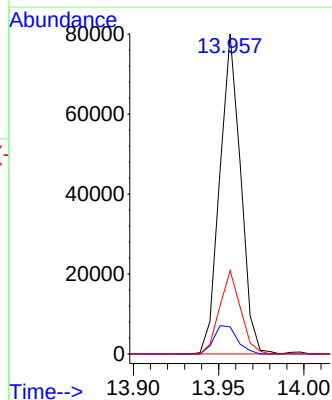
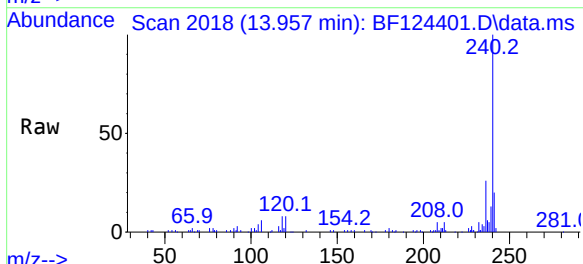
Instrument :  
BNA\_F  
ClientSampleId :  
0339-DISCRETE-CORE-1

Tgt Ion:202 Resp: 18018  
Ion Ratio Lower Upper  
202 100  
101 9.0 0.0 30.9  
203 21.1 0.0 37.5

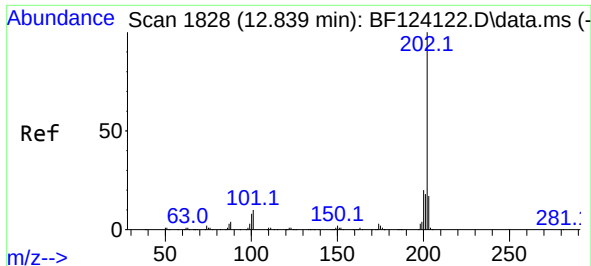


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

Tgt Ion:240 Resp: 68287  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.2 10.8  
236 26.0 19.0 28.4



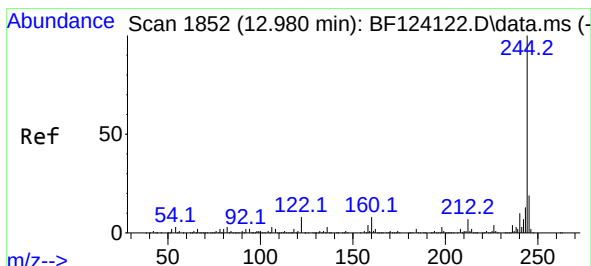
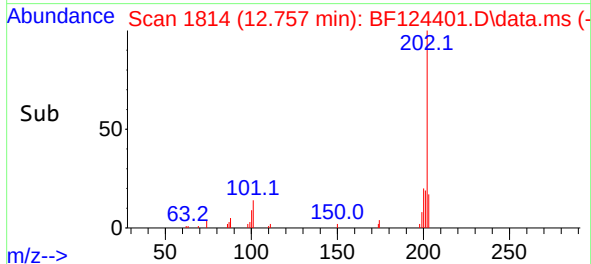
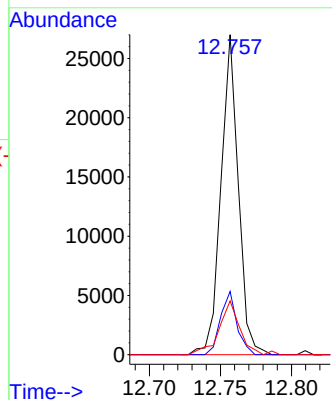
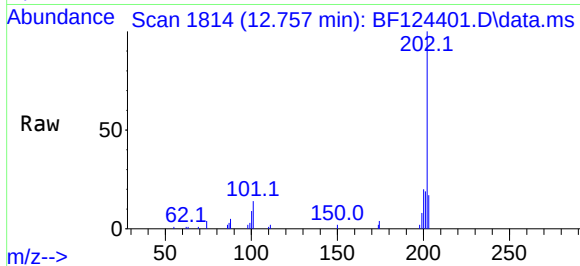




#78  
Pyrene  
Concen: 3.501 ng  
RT: 12.757 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

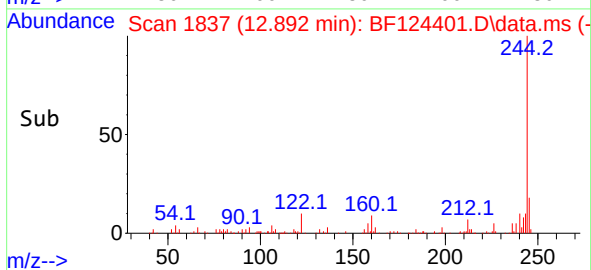
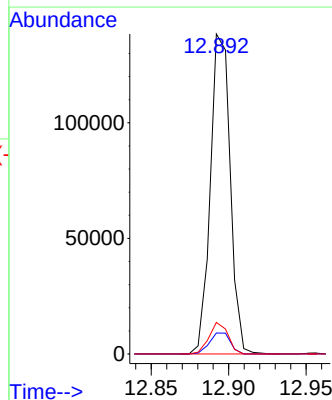
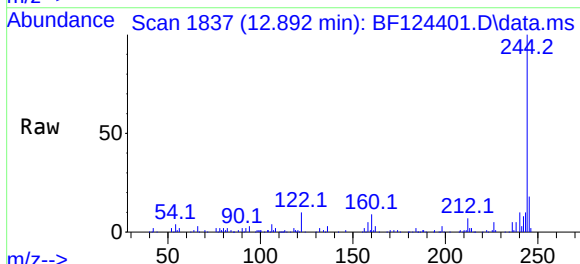
Instrument :  
BNA\_F  
ClientSampleId :  
0339-DISCRETE-CORE-1

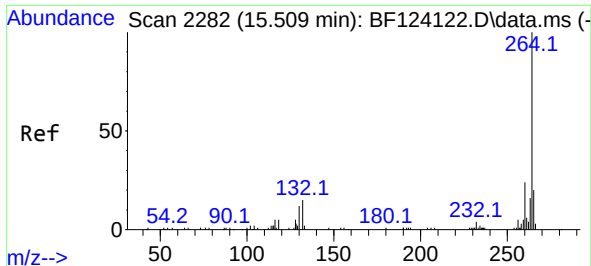
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 22960 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 19.8  | 16.1  | 24.1  |
| 203       | 16.8  | 14.8  | 22.2  |



#79  
Terphenyl-d14  
Concen: 24.818 ng  
RT: 12.892 min Scan# 1837  
Delta R.T. -0.012 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 123439 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.6   | 5.7   | 8.5    |
| 122       | 9.8   | 9.7   | 14.5   |

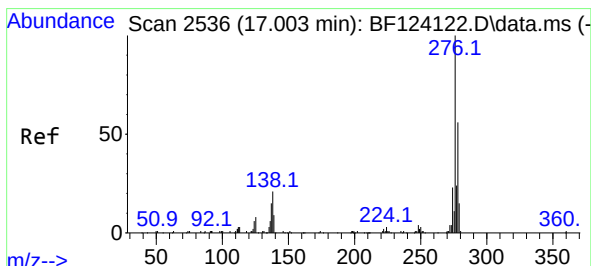
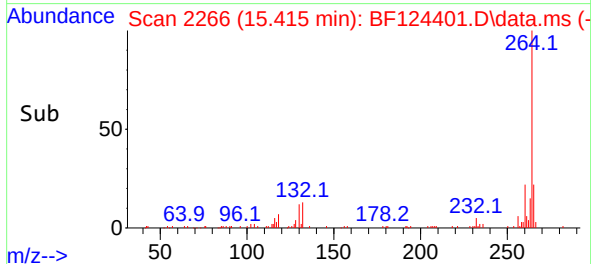
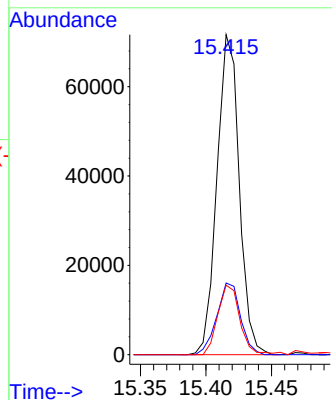
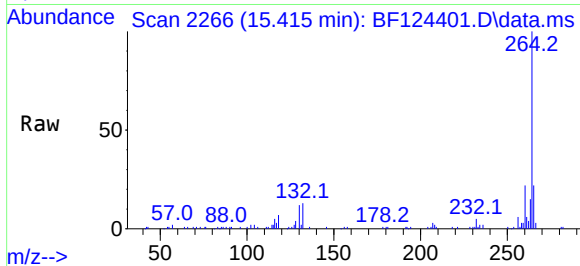




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.415 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

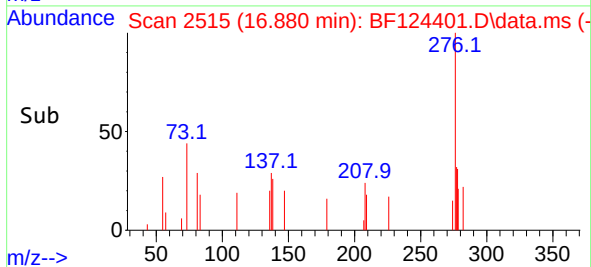
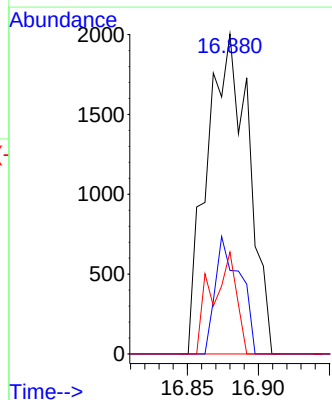
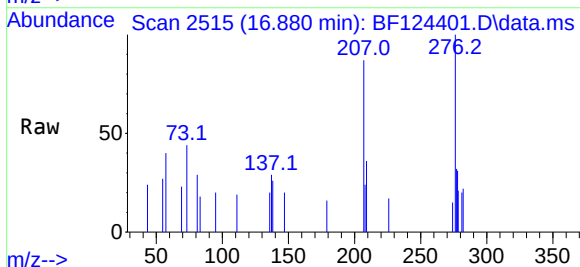
Instrument :  
BNA\_F  
ClientSampleId :  
0339-DISCRETE-CORE-1

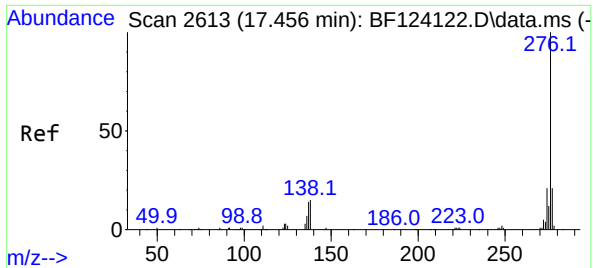
Tgt Ion:264 Resp: 84440  
Ion Ratio Lower Upper  
264 100  
260 22.4 18.7 28.1  
265 21.7 17.8 26.8



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 4.864 ng  
RT: 16.880 min Scan# 2515  
Delta R.T. 0.006 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

Tgt Ion:276 Resp: 4085  
Ion Ratio Lower Upper  
276 100  
138 22.0 16.2 24.2  
277 18.8 20.1 30.1#





#92  
Benzo(g,h,i)perylene  
Concen: 4.510 ng  
RT: 17.333 min Scan# 2592  
Delta R.T. 0.018 min  
Lab File: BF124401.D  
Acq: 21 Jun 2021 19:28

Instrument :  
BNA\_F  
ClientSampleId :  
0339-DISCRETE-CORE-1

Tgt Ion:276 Resp: 4518  
Ion Ratio Lower Upper  
276 100  
277 18.3 18.2 27.2  
138 26.7 13.8 20.6#

