

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060921\  
 Data File : BF124210.D  
 Acq On : 9 Jun 2021 15:49  
 Operator : JU/CG  
 Sample : M2598-10  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 17

Quant Time: Jun 09 16:22:50 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 09 14:34:04 2021  
 Response via : Initial Calibration

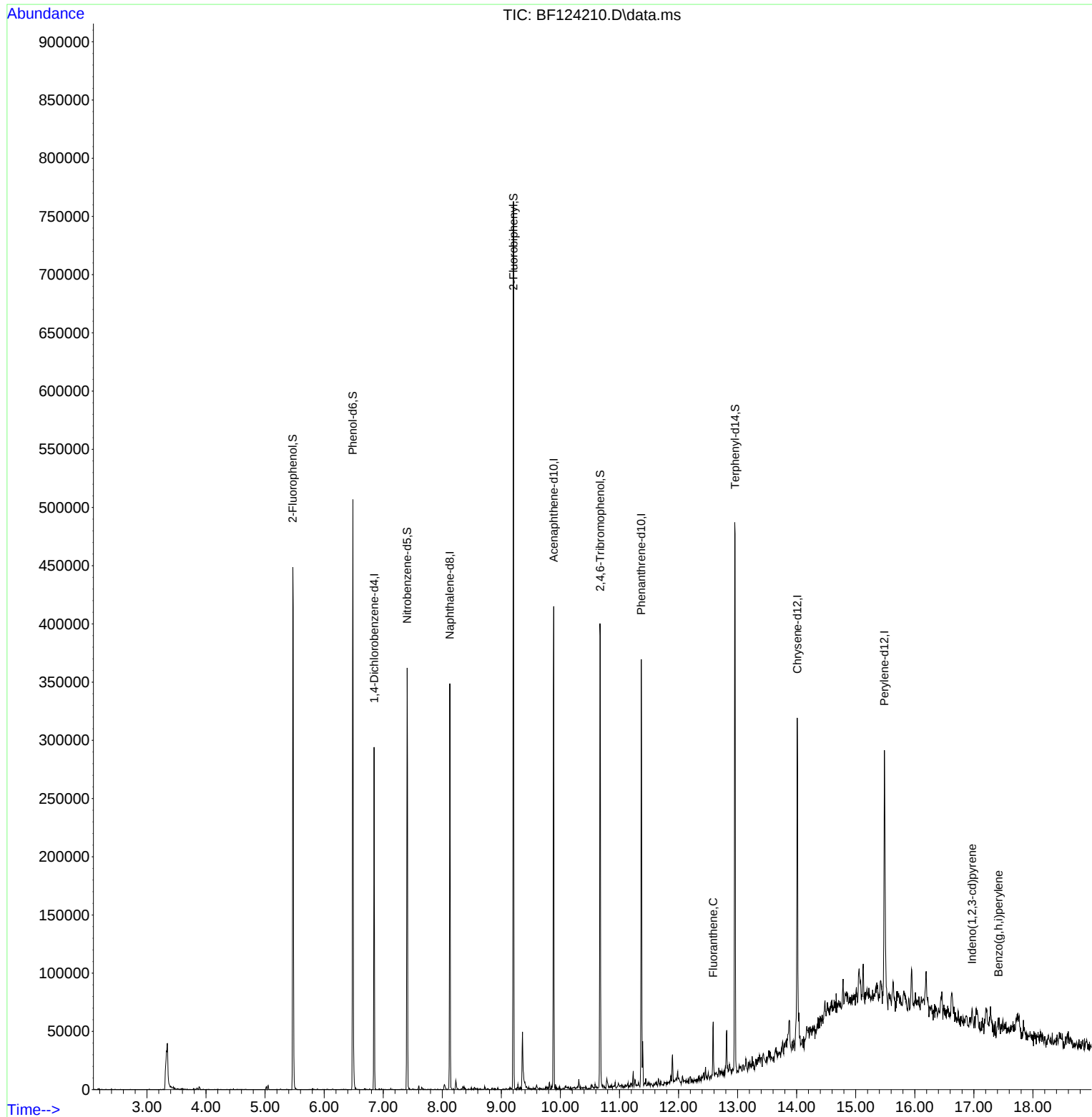
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.846  | 152  | 31228    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 124909   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.886  | 164  | 69842    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.369 | 188  | 116070   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.010 | 240  | 81798    | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 15.486 | 264  | 77189    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.469  | 112  | 94572    | 45.588 | ng    | -0.01    |
| 7) Phenol-d6                | 6.487  | 99   | 125356   | 44.956 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.404  | 82   | 97003    | 30.801 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.675 | 330  | 41294    | 41.733 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.204  | 172  | 173606   | 31.279 | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.957 | 244  | 139726   | 23.453 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene            | 12.586 | 202  | 16124    | 2.119  | ng    | 92       |
| 87) Indeno(1,2,3-cd)pyrene  | 16.968 | 276  | 5254     | 5.079  | ng    | # 79     |
| 92) Benzo(g,h,i)perylene    | 17.415 | 276  | 4530     | 4.578  | ng    | # 91     |
| -----                       |        |      |          |        |       |          |

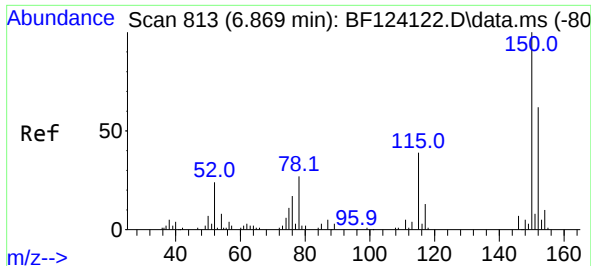
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060921\  
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Sample : M2598-10  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 09 14:34:04 2021  
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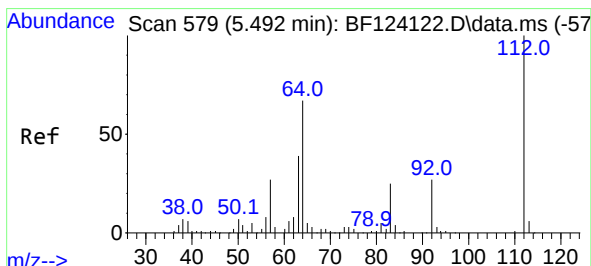
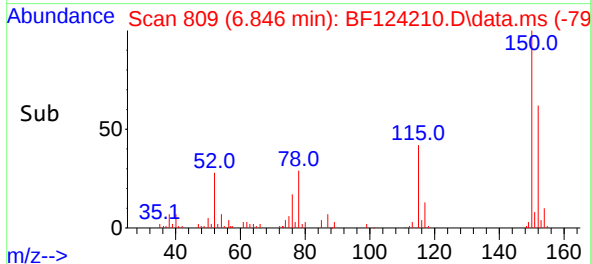
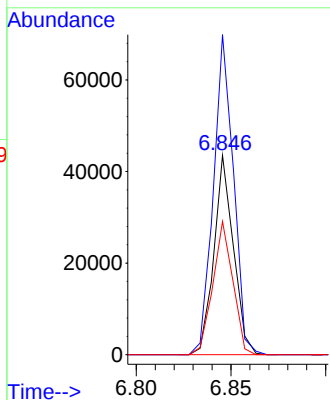
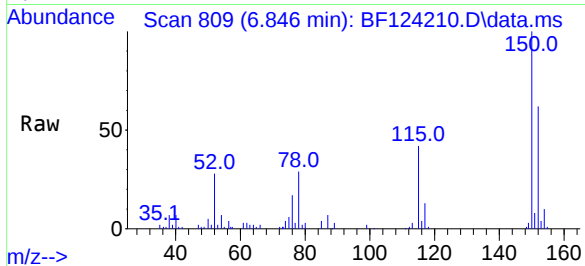




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.846 min Scan# 809  
Delta R.T. -0.005 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

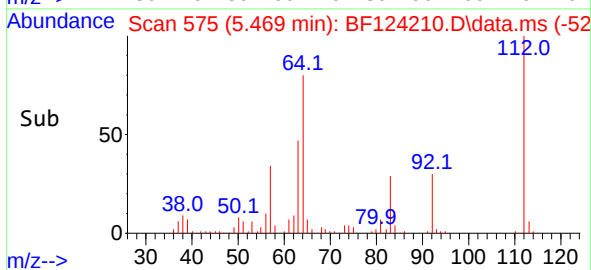
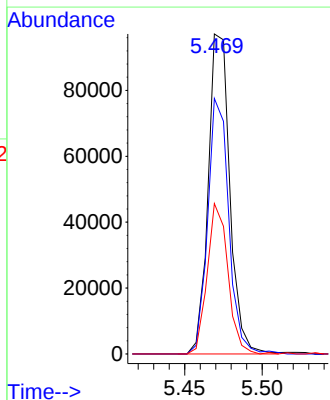
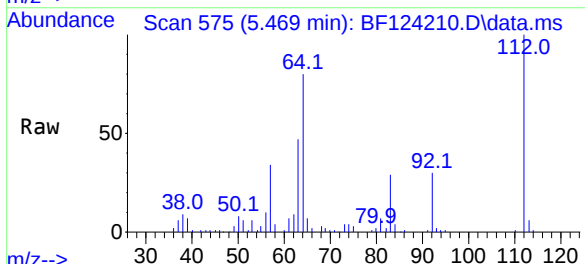
Instrument :  
BNA\_F  
ClientSampleId :  
17

Tgt Ion:152 Resp: 31228  
Ion Ratio Lower Upper  
152 100  
150 160.5 127.0 190.6  
115 66.9 54.3 81.5



#5  
2-Fluorophenol  
Concen: 45.588 ng  
RT: 5.469 min Scan# 575  
Delta R.T. -0.011 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

Tgt Ion:112 Resp: 94572  
Ion Ratio Lower Upper  
112 100  
64 79.8 61.4 92.0  
63 47.0 33.0 49.4

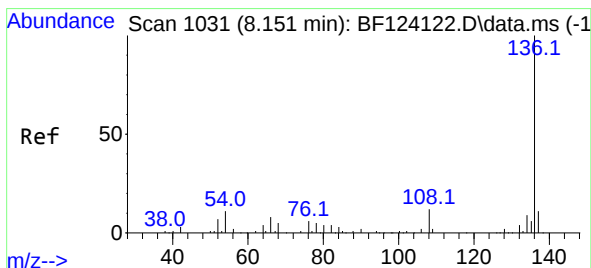
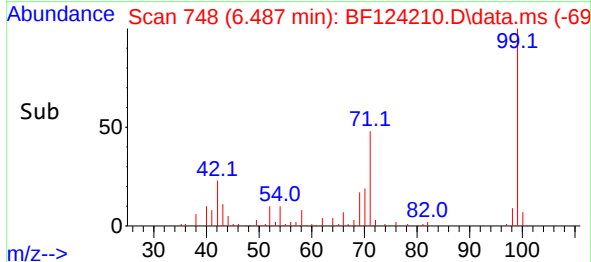
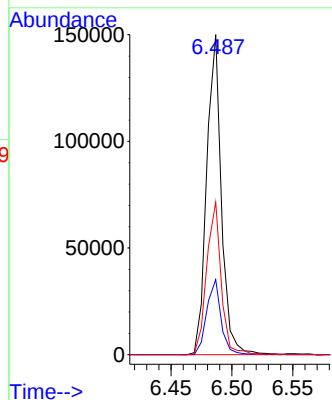
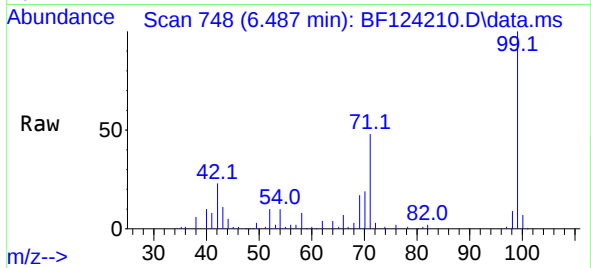




#7  
Phenol-d6  
Concen: 44.956 ng  
RT: 6.487 min Scan# 748  
Delta R.T. -0.011 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

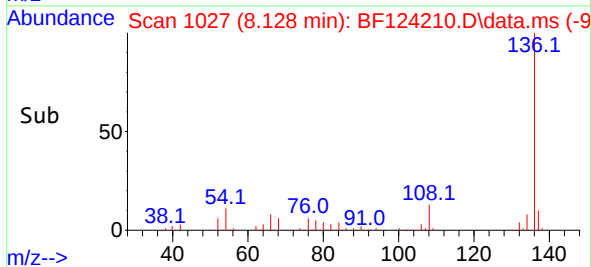
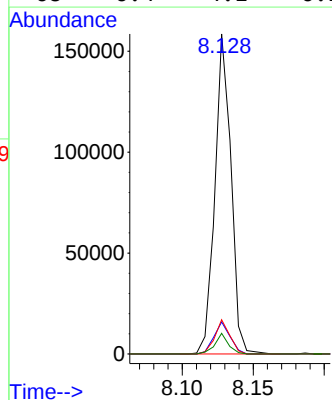
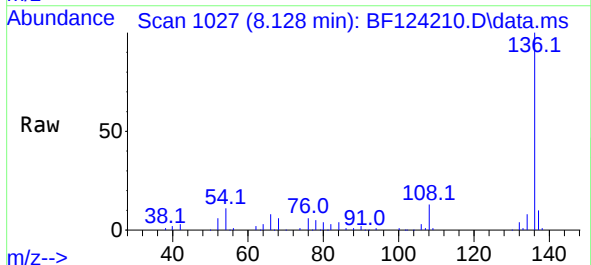
Instrument :  
BNA\_F  
ClientSampleId :  
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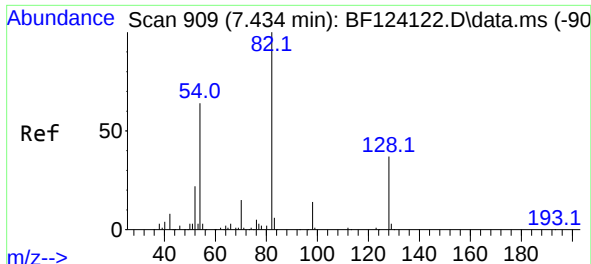
Tgt Ion: 99 Resp: 125356  
Ion Ratio Lower Upper  
99 100  
42 23.4 19.8 29.8  
71 47.7 31.1 46.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

Tgt Ion: 136 Resp: 124909  
Ion Ratio Lower Upper  
136 100  
137 10.0 8.7 13.1  
54 10.7 9.8 14.6  
68 6.4 4.1 6.1#

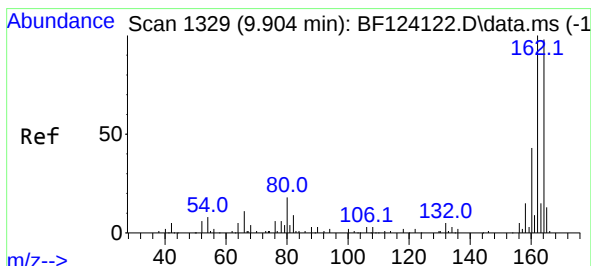
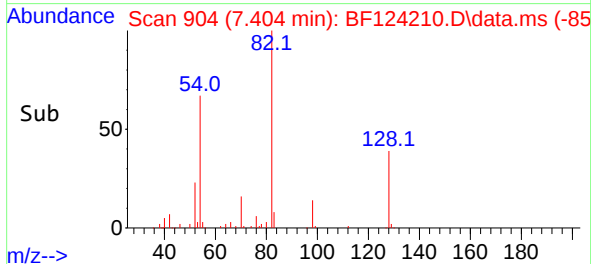
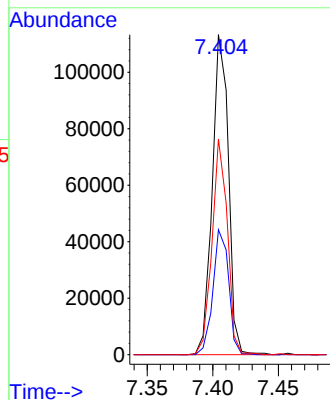
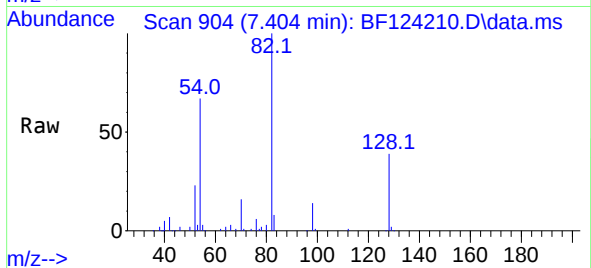




#23  
Nitrobenzene-d5  
Concen: 30.801 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.011 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

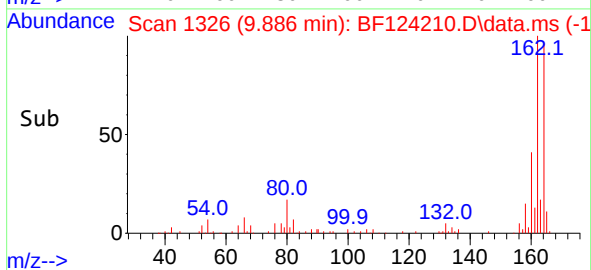
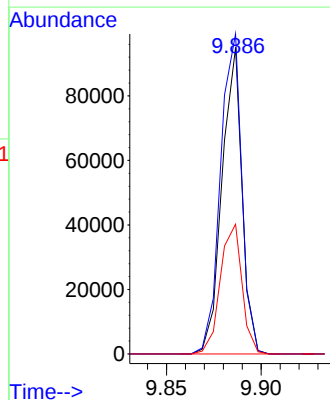
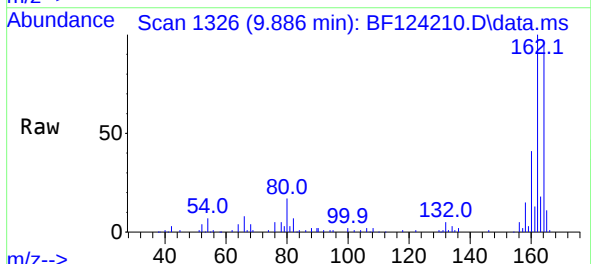
Instrument :  
BNA\_F  
ClientSampleId :  
17

Tgt Ion: 82 Resp: 97003  
Ion Ratio Lower Upper  
82 100  
128 39.0 29.4 44.2  
54 67.4 54.1 81.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

Tgt Ion:164 Resp: 69842  
Ion Ratio Lower Upper  
164 100  
162 104.4 80.7 121.1  
160 42.4 37.3 55.9

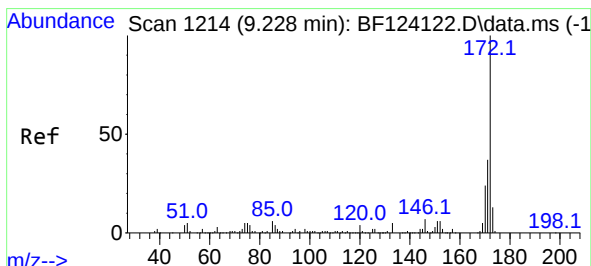
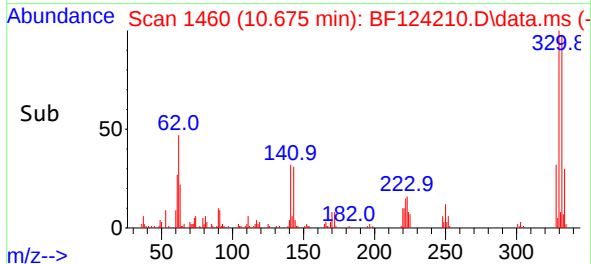
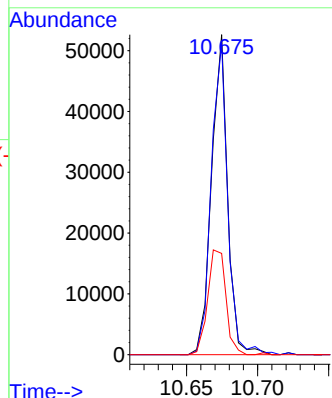
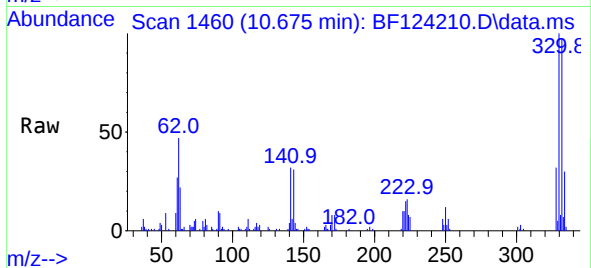




#42  
2,4,6-Tribromophenol  
Concen: 41.733 ng  
RT: 10.675 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

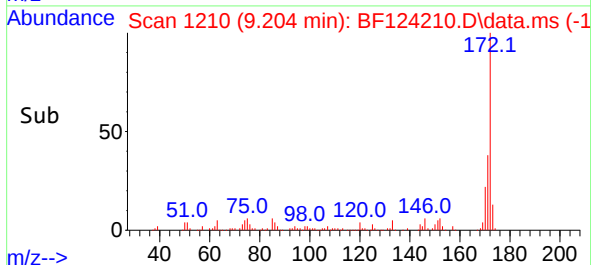
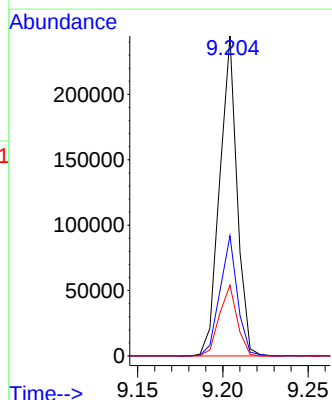
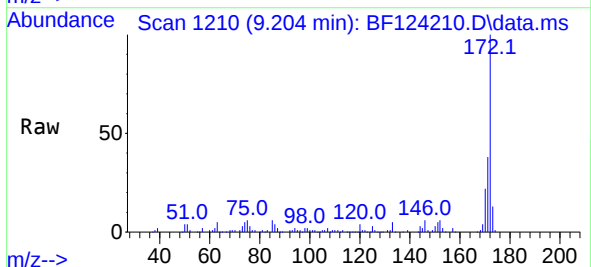
Instrument :  
BNA\_F  
ClientSampleId :  
17

Tgt Ion:330 Resp: 41294  
Ion Ratio Lower Upper  
330 100  
332 100.0 77.1 115.7  
141 37.2 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 31.279 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. -0.006 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

Tgt Ion:172 Resp: 173606  
Ion Ratio Lower Upper  
172 100  
171 37.5 28.1 42.1  
170 22.1 19.2 28.8

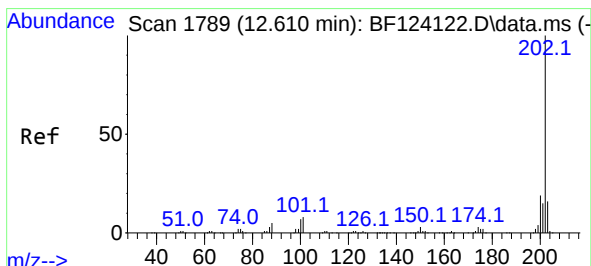
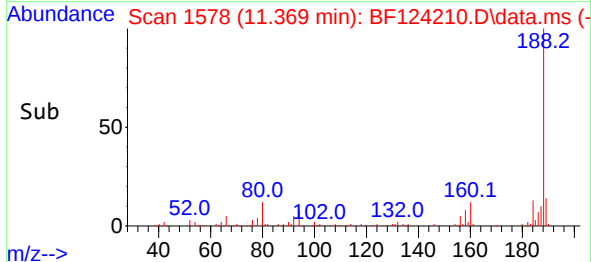
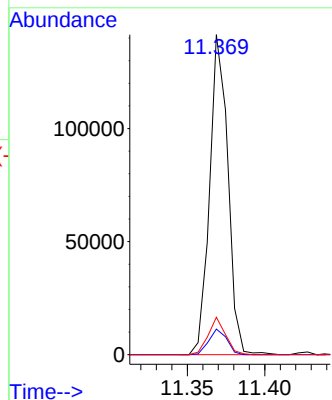
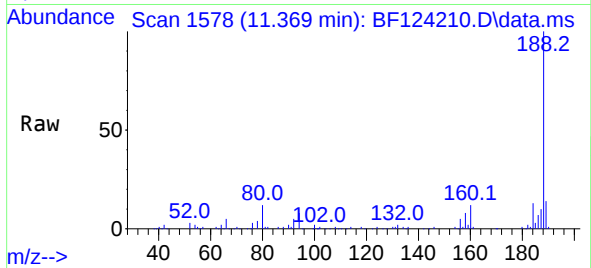




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.369 min Scan# 1578  
Delta R.T. -0.006 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

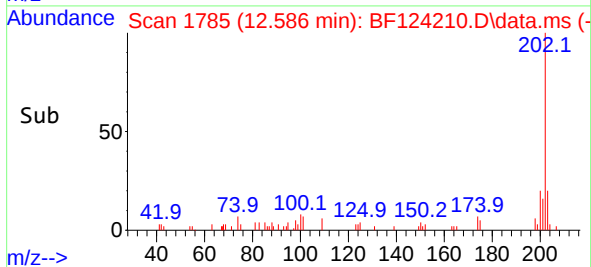
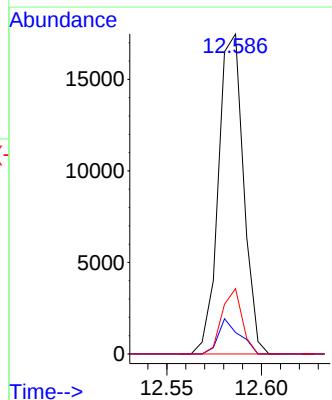
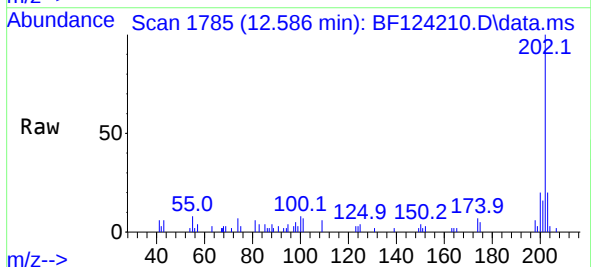
Instrument :  
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ClientSampleId :  
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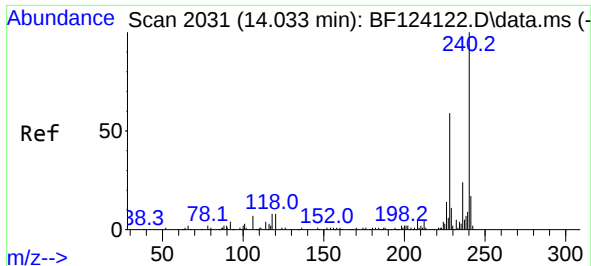
Tgt Ion:188 Resp: 116070  
Ion Ratio Lower Upper  
188 100  
94 8.0 6.9 10.3  
80 11.7 8.2 12.2



#75  
Fluoranthene  
Concen: 2.119 ng  
RT: 12.586 min Scan# 1785  
Delta R.T. -0.006 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

Tgt Ion:202 Resp: 16124  
Ion Ratio Lower Upper  
202 100  
101 6.7 0.0 30.9  
203 20.4 0.0 37.5

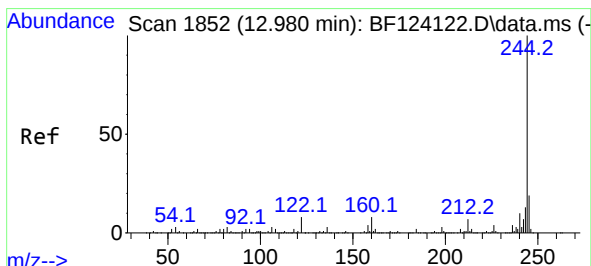
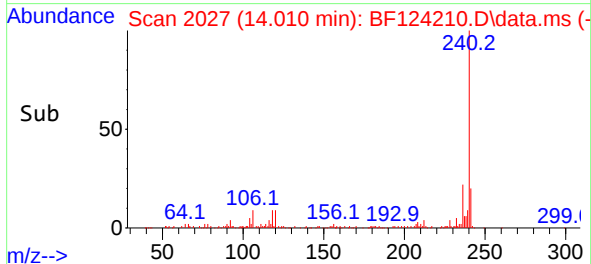
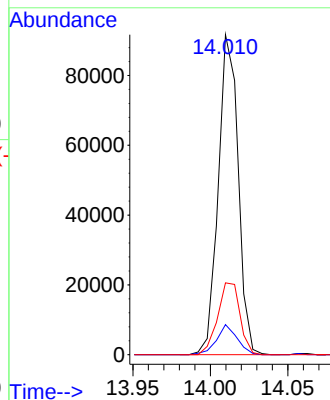
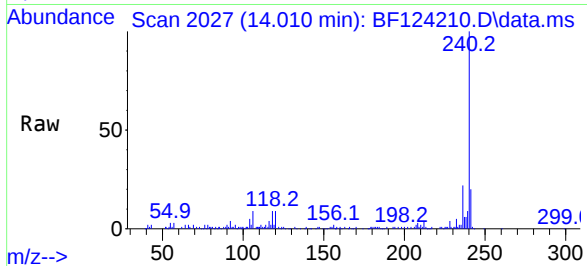




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.010 min Scan# 2027  
Delta R.T. -0.011 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

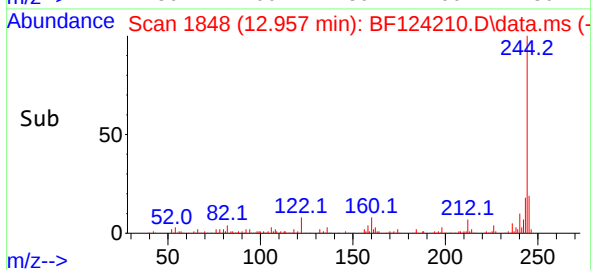
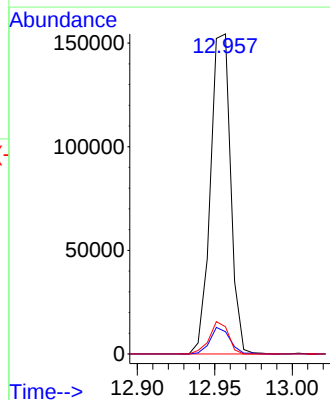
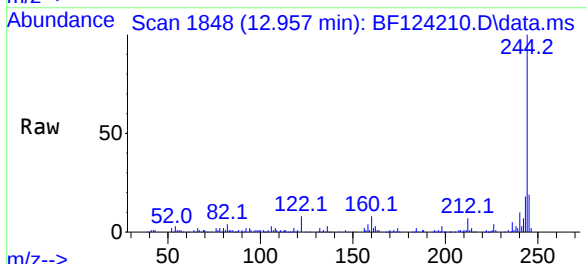
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ClientSampled :  
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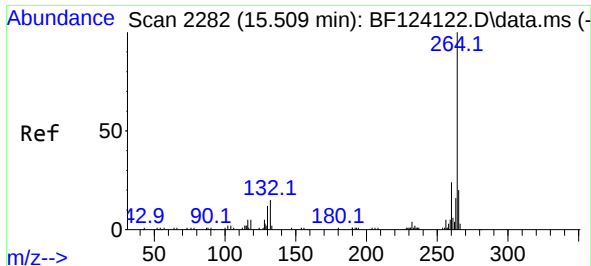
Tgt Ion:240 Resp: 81798  
Ion Ratio Lower Upper  
240 100  
120 9.4 7.2 10.8  
236 22.5 19.0 28.4



#79  
Terphenyl-d14  
Concen: 23.453 ng  
RT: 12.957 min Scan# 1848  
Delta R.T. -0.006 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

Tgt Ion:244 Resp: 139726  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.7 8.5  
122 8.5 9.7 14.5#

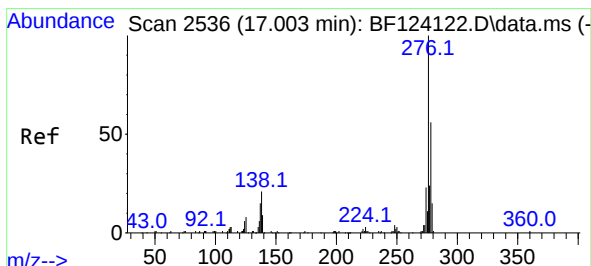
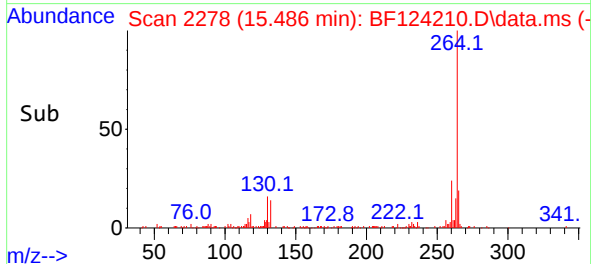
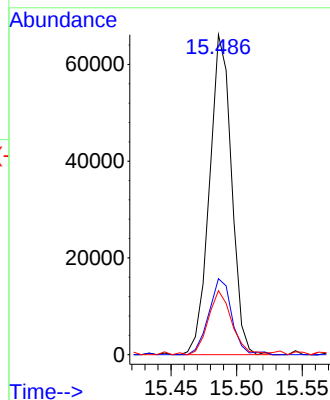
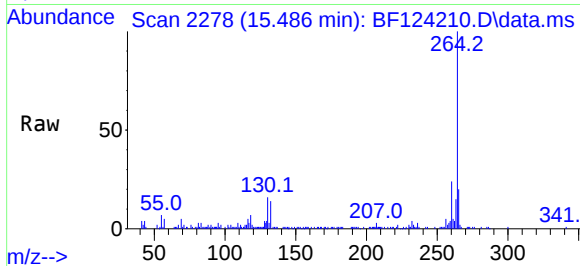




#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.486 min Scan# 2278  
Delta R.T. -0.006 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

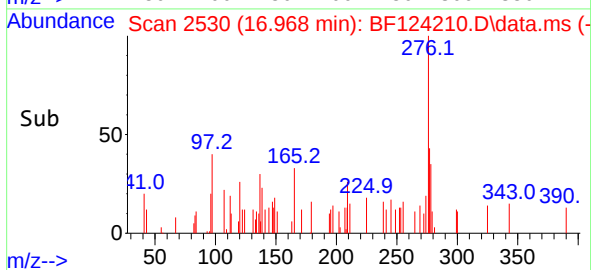
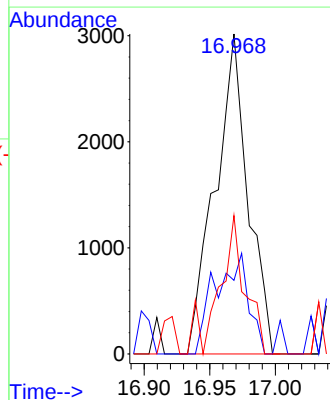
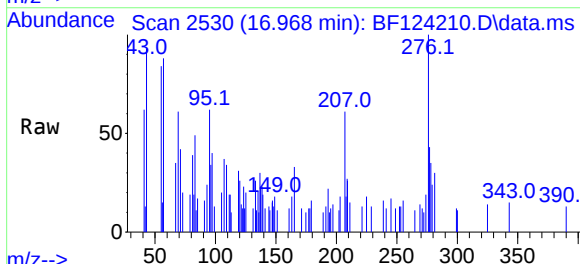
Instrument :  
BNA\_F  
ClientSampleId :  
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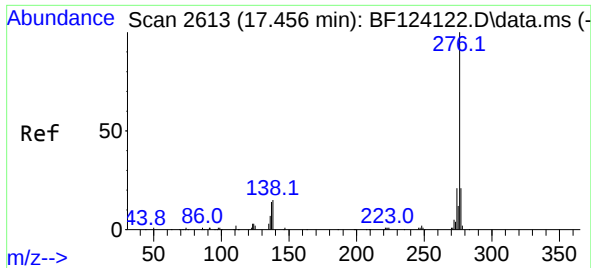
Tgt Ion:264 Resp: 77189  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.7 28.1  
265 20.0 17.8 26.8



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 5.079 ng  
RT: 16.968 min Scan# 2530  
Delta R.T. -0.011 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

Tgt Ion:276 Resp: 5254  
Ion Ratio Lower Upper  
276 100  
138 31.8 16.2 24.2#  
277 34.4 20.1 30.1#





#92  
Benzo(g,h,i)perylene  
Concen: 4.578 ng  
RT: 17.415 min Scan# 2606  
Delta R.T. -0.017 min  
Lab File: BF124210.D  
Acq: 9 Jun 2021 15:49

Instrument :  
BNA\_F  
ClientSampleId :  
17

Tgt Ion:276 Resp: 4530  
Ion Ratio Lower Upper  
276 100  
277 16.7 18.2 27.2#  
138 15.7 13.8 20.6

