

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120420\  
 Data File : BF122543.D  
 Acq On : 4 Dec 2020 13:50  
 Operator : JU/CG  
 Sample : PB133399BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133399BL

Quant Time: Dec 04 14:21:13 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 04 12:52:10 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.845  | 152  | 194762   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.128  | 136  | 770695   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.886  | 164  | 423219   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.374 | 188  | 796792   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.015 | 240  | 742212   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.480 | 264  | 712357   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.481  | 112  | 1462257  | 115.28 | ng    | 0.01     |
| 7) Phenol-d6                | 6.481  | 99   | 1847875  | 111.36 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.410  | 82   | 1178753  | 93.63  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.680 | 330  | 631350   | 138.99 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.210  | 172  | 2202462  | 81.31  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.968 | 244  | 2572411  | 73.42  | ng    | 0.00     |

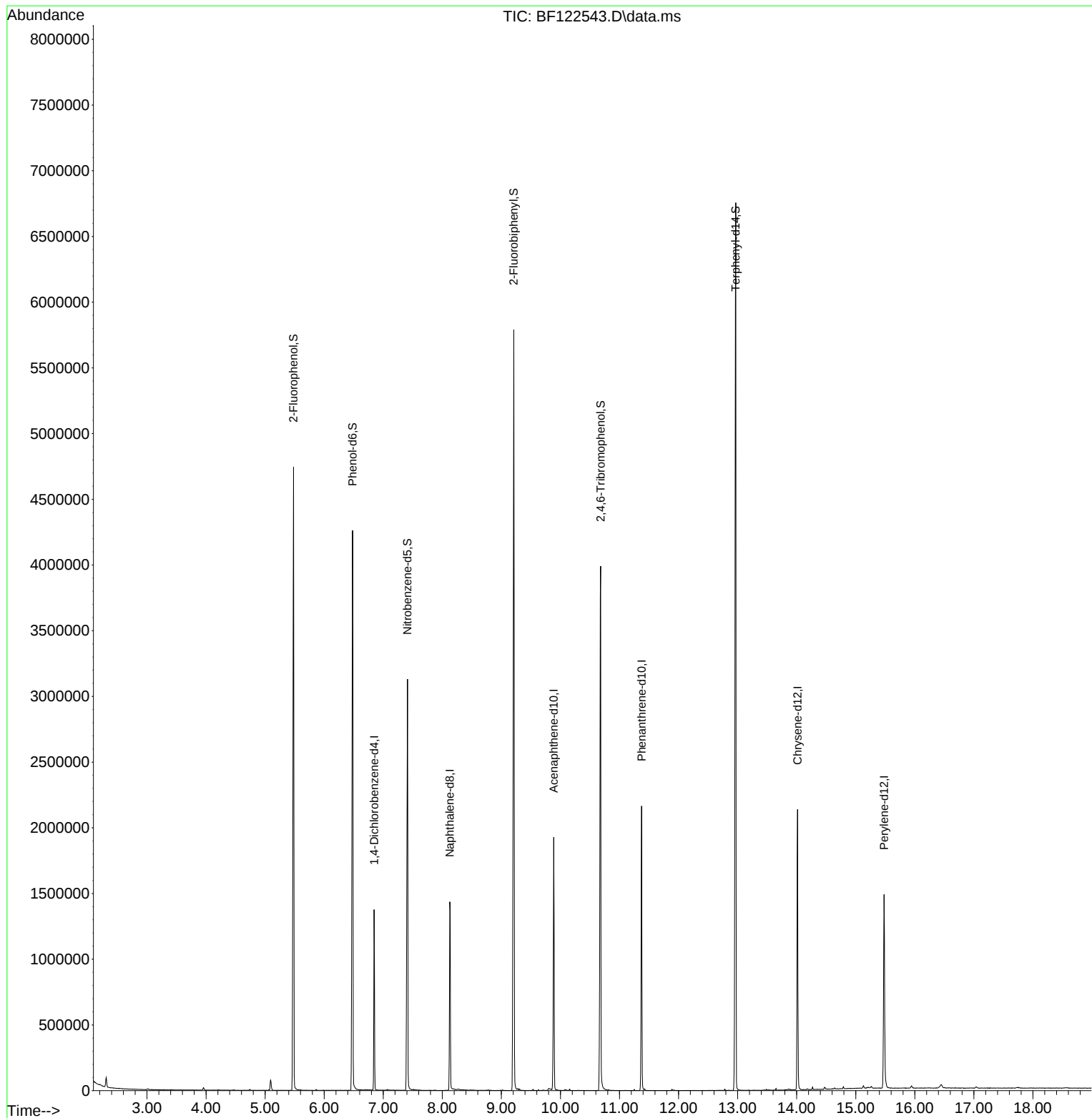
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

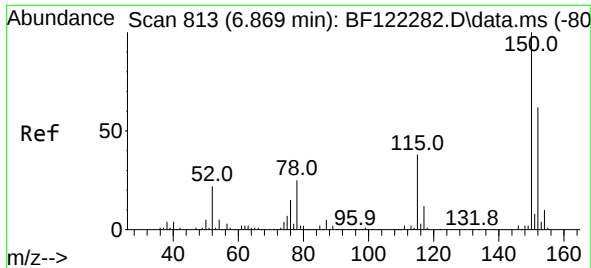
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120420\  
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Sample : PB133399BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :  
PB133399BL

Quant Time: Dec 04 14:21:13 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 04 12:52:10 2020  
Response via : Initial Calibration

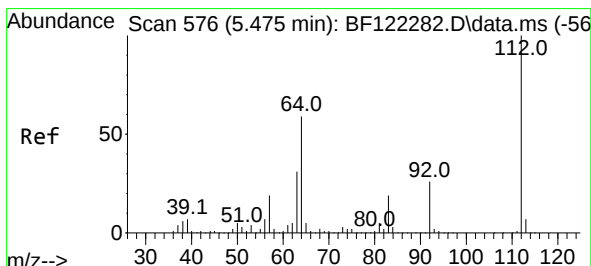
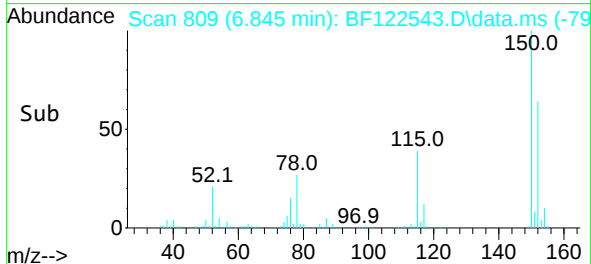
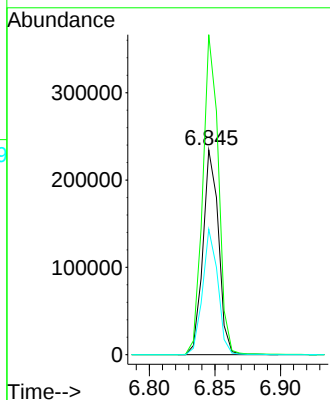
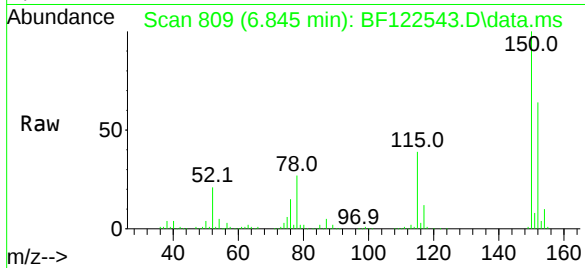




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.845 min Scan# 809  
 Delta R.T. -0.006 min  
 Lab File: BF122543.D  
 Acq: 4 Dec 2020 13:50

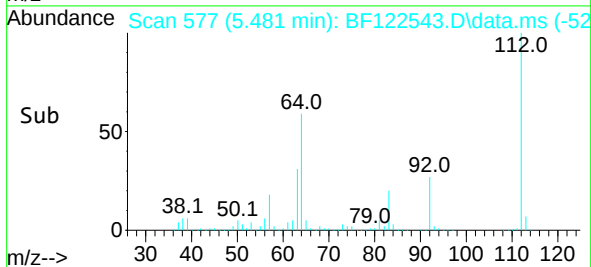
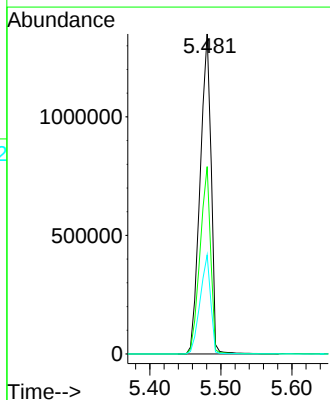
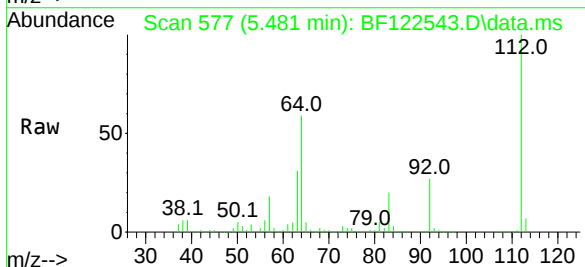
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133399BL

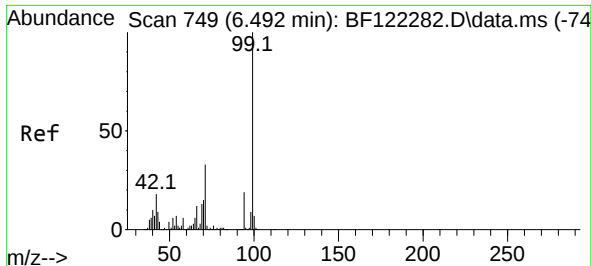
Tgt Ion:152 Resp: 194762  
 Ion Ratio Lower Upper  
 152 100  
 150 156.2 125.3 187.9  
 115 61.2 51.9 77.9



#5  
 2-Fluorophenol  
 Concen: 115.28 ng  
 RT: 5.481 min Scan# 577  
 Delta R.T. 0.012 min  
 Lab File: BF122543.D  
 Acq: 4 Dec 2020 13:50

Tgt Ion:112 Resp: 1462257  
 Ion Ratio Lower Upper  
 112 100  
 64 58.6 50.4 75.6  
 63 31.0 25.8 38.6

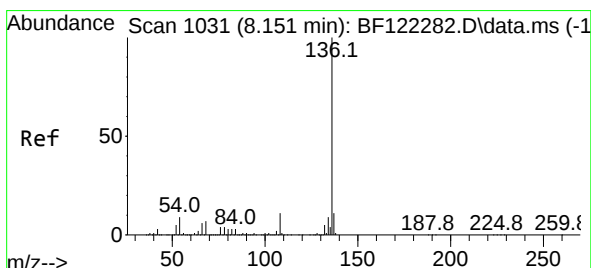
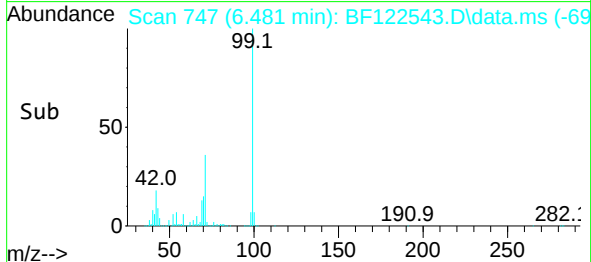
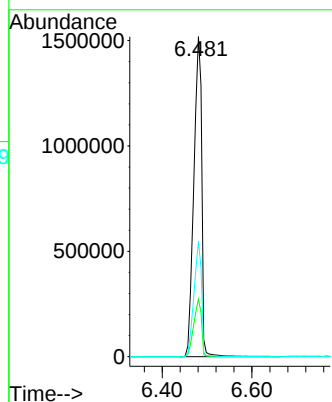
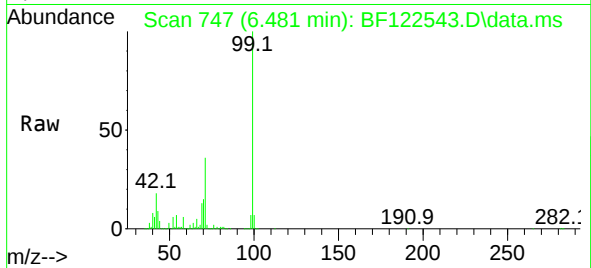




#7  
Phenol-d6  
Concen: 111.36 ng  
RT: 6.481 min Scan# 747  
Delta R.T. -0.006 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

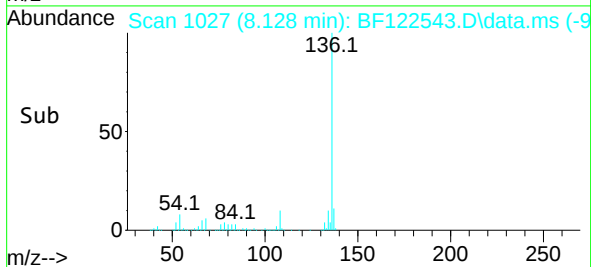
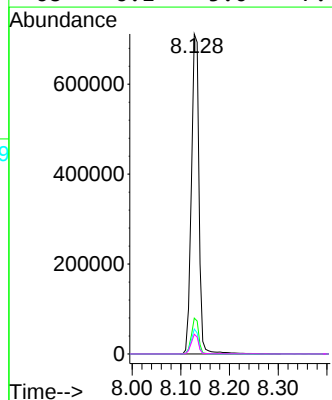
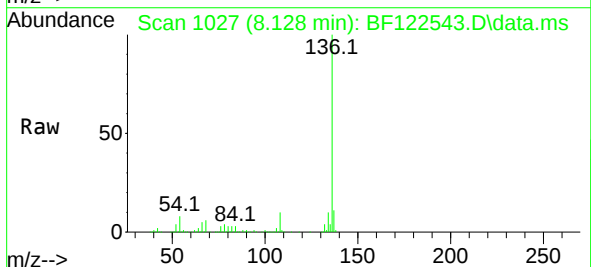
Instrument :  
BNA\_F  
ClientSampleId :  
PB133399BL

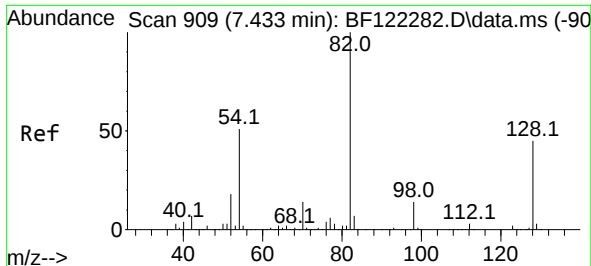
Tgt Ion: 99 Resp: 1847875  
Ion Ratio Lower Upper  
99 100  
42 18.0 15.9 23.9  
71 36.1 27.1 40.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.128 min Scan# 1027  
Delta R.T. -0.006 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

Tgt Ion: 136 Resp: 770695  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 7.8 7.1 10.7  
68 6.1 5.0 7.4

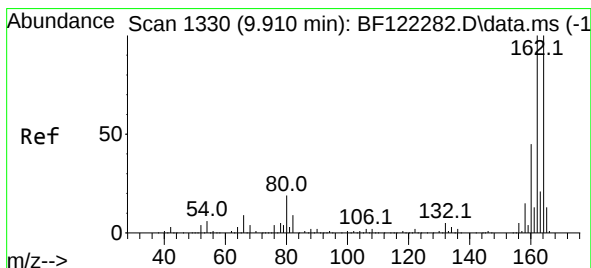
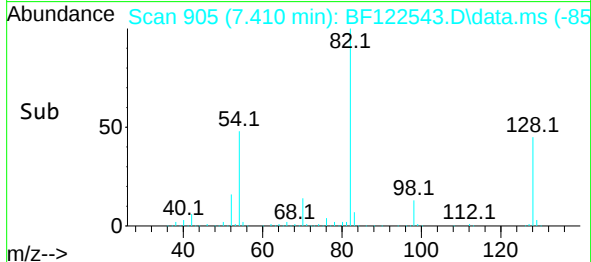
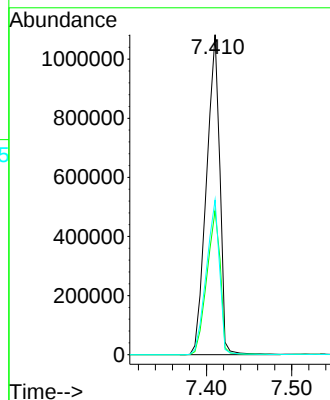
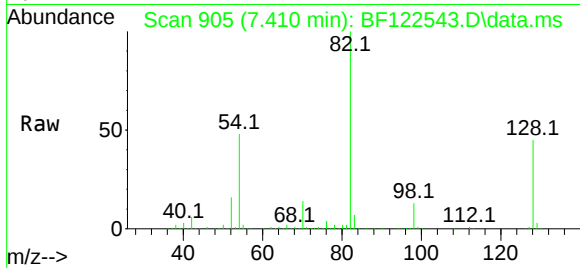




#23  
Nitrobenzene-d5  
Concen: 93.63 ng  
RT: 7.410 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

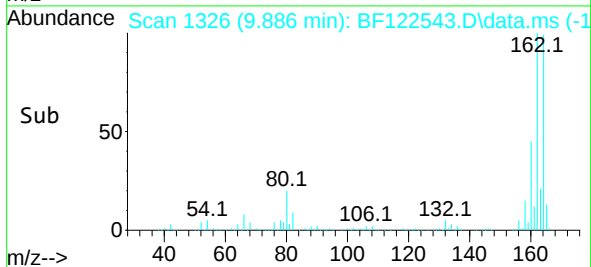
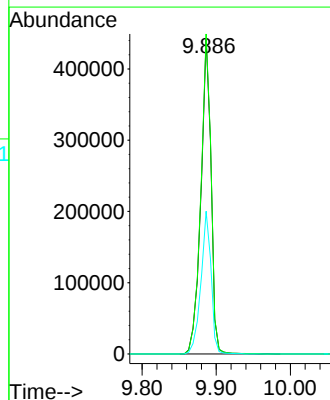
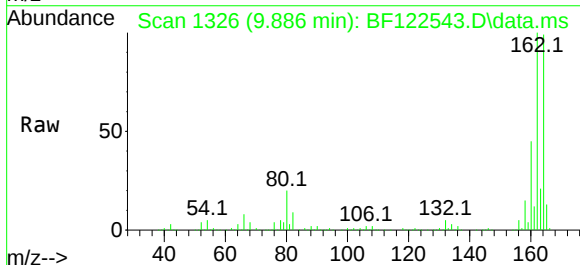
Instrument :  
BNA\_F  
ClientSampleId :  
PB133399BL

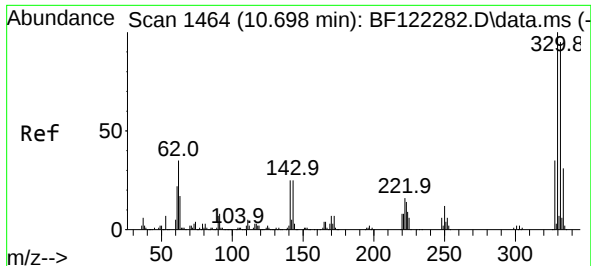
Tgt Ion: 82 Resp: 1178753  
Ion Ratio Lower Upper  
82 100  
128 45.0 35.0 52.4  
54 48.4 43.9 65.9



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.886 min Scan# 1326  
Delta R.T. -0.006 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

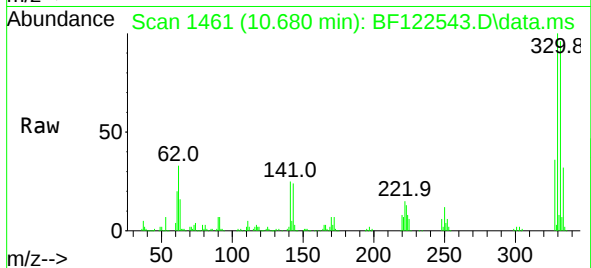
Tgt Ion:164 Resp: 423219  
Ion Ratio Lower Upper  
164 100  
162 101.3 83.2 124.8  
160 45.2 37.5 56.3



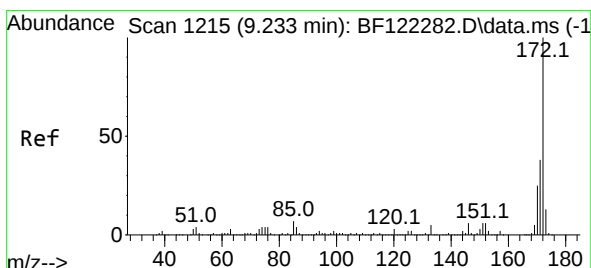
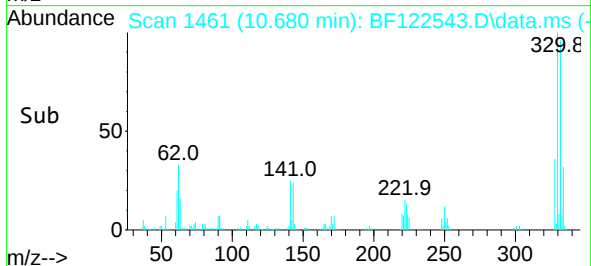
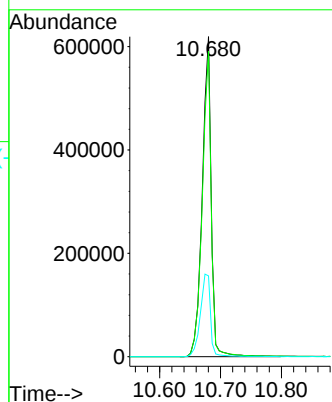


#42  
2,4,6-Tribromophenol  
Concen: 138.99 ng  
RT: 10.680 min Scan# 1461  
Delta R.T. -0.000 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB133399BL

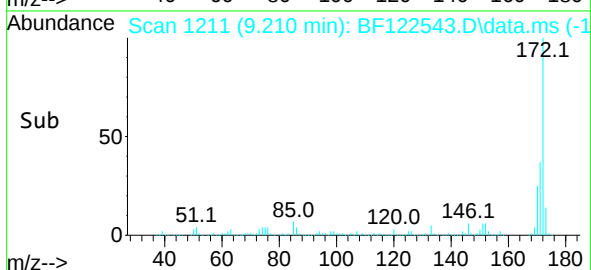
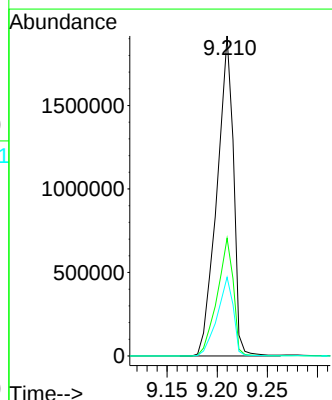
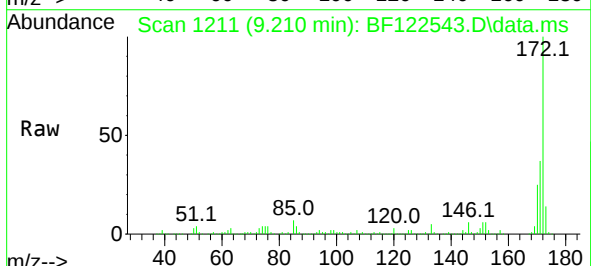


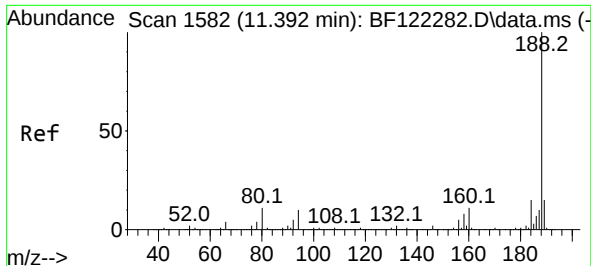
Tgt Ion:330 Resp: 631350  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.3 115.9  
141 29.4 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 81.31 ng  
RT: 9.210 min Scan# 1211  
Delta R.T. -0.006 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

Tgt Ion:172 Resp: 2202462  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.1 43.7  
170 24.6 19.8 29.6

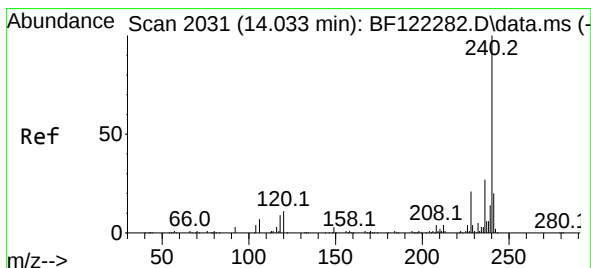
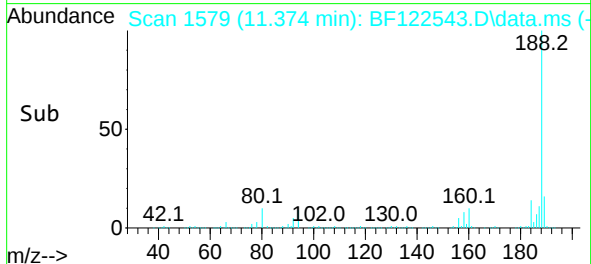
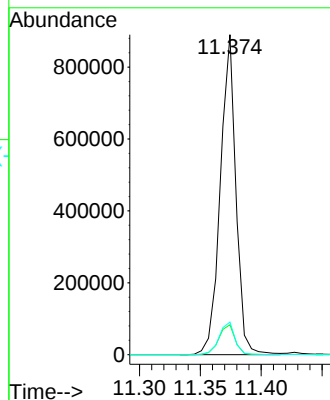
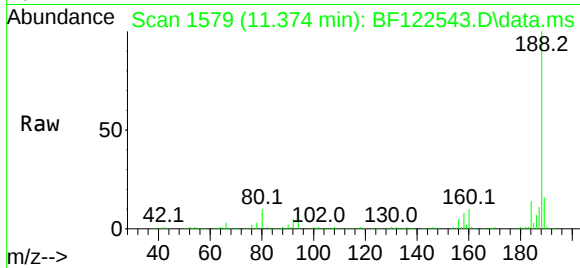




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.374 min Scan# 1579  
Delta R.T. -0.000 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

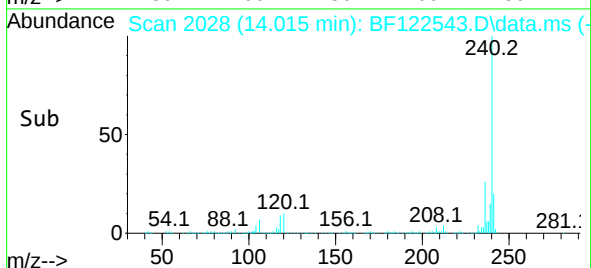
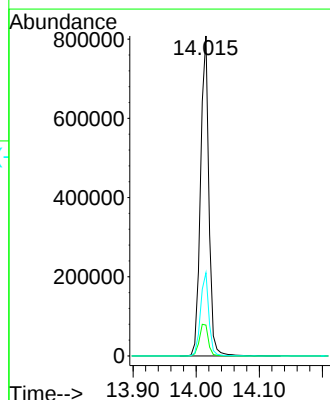
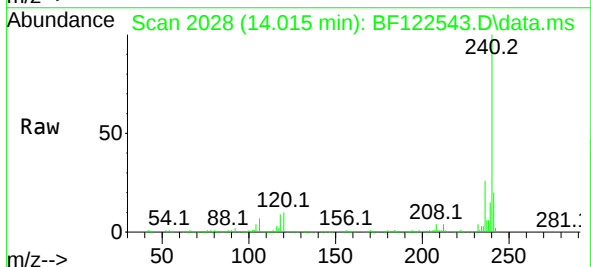
Instrument :  
BNA\_F  
ClientSampleId :  
PB133399BL

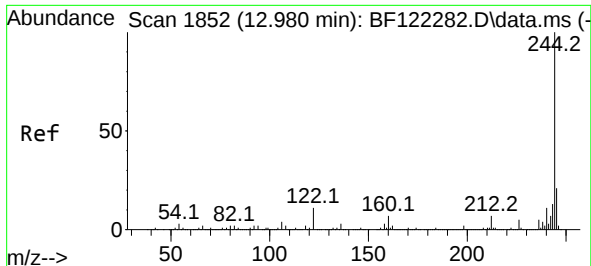
Tgt Ion:188 Resp: 796792  
Ion Ratio Lower Upper  
188 100  
94 9.3 8.3 12.5  
80 10.2 9.1 13.7



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.015 min Scan# 2028  
Delta R.T. -0.006 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

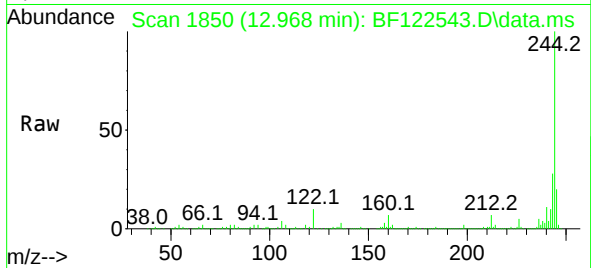
Tgt Ion:240 Resp: 742212  
Ion Ratio Lower Upper  
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120 9.7 9.2 13.8  
236 26.0 20.9 31.3



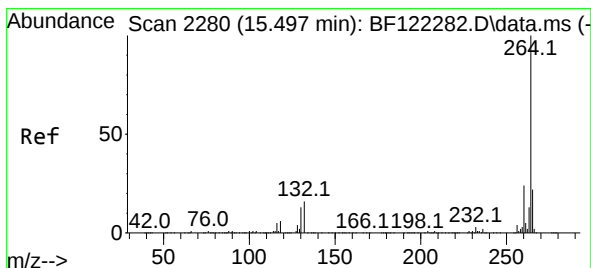
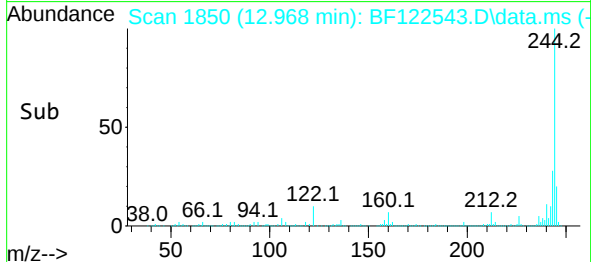
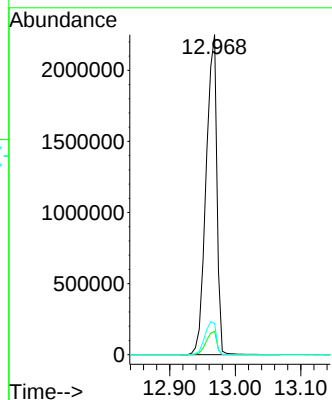


#79  
Terphenyl-d14  
Concen: 73.42 ng  
RT: 12.968 min Scan# 1850  
Delta R.T. 0.006 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB133399BL



Tgt Ion:244 Resp: 2572411  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.4 8.2  
122 9.8 8.1 12.1



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.480 min Scan# 2277  
Delta R.T. -0.000 min  
Lab File: BF122543.D  
Acq: 4 Dec 2020 13:50

Tgt Ion:264 Resp: 712357  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.7 28.1  
265 21.5 17.3 25.9

