

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121420\  
 Data File : BF122707.D  
 Acq On : 14 Dec 2020 15:49  
 Operator : JU/CG  
 Sample : L5065-04  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 JBD-WC-S-BOLLARDS-0-6

Quant Time: Dec 14 16:55:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:08:49 2020  
 Response via : Initial Calibration

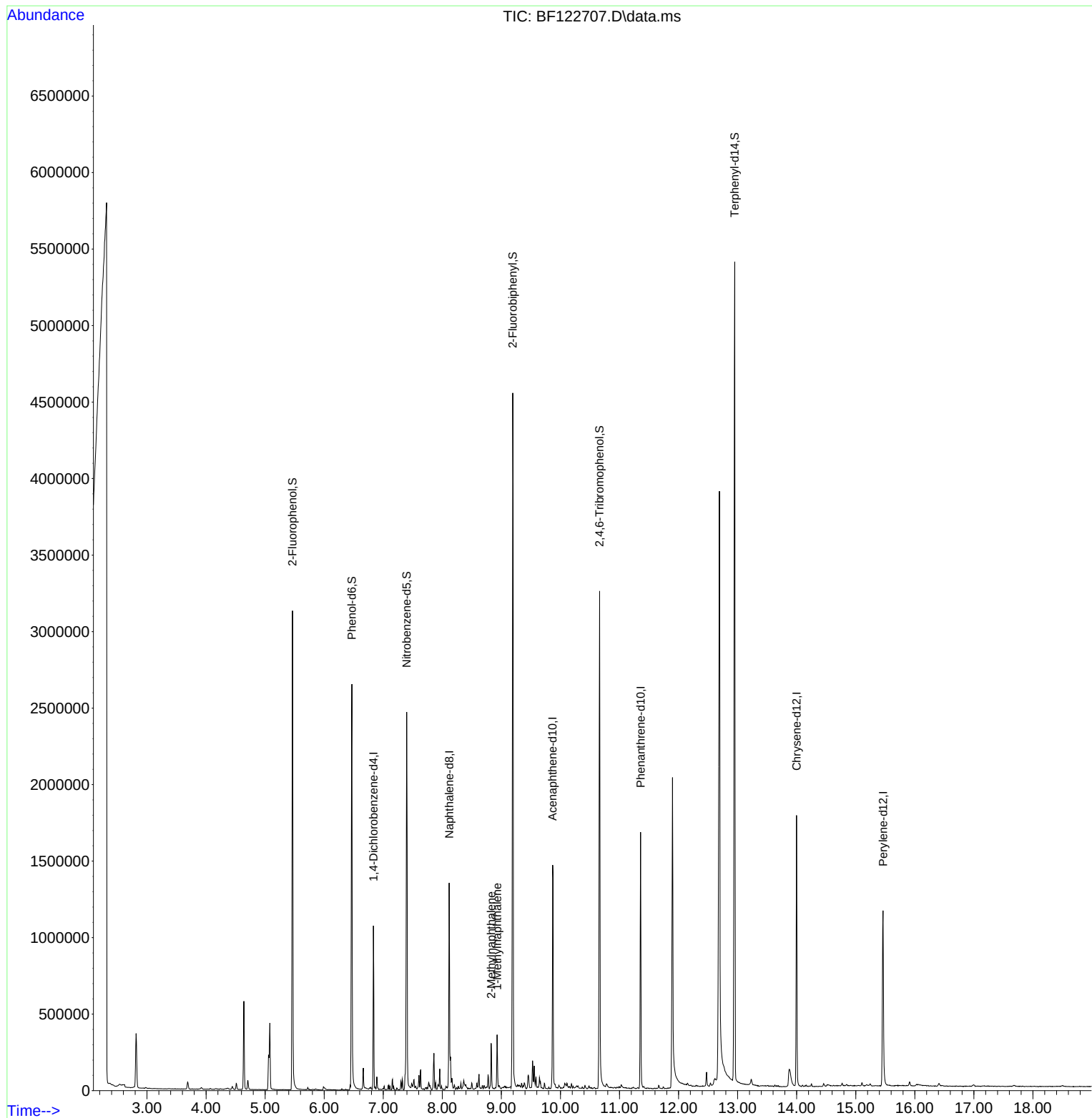
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.833  | 152  | 153644   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.116  | 136  | 608461   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 9.869  | 164  | 327666   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 11.357 | 188  | 614522   | 20.00  | ng    | -0.01    |
| 76) Chrysene-d12            | 13.998 | 240  | 614370   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.462 | 264  | 595112   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.463  | 112  | 962013   | 99.13  | ng    | 0.00     |
| 7) Phenol-d6                | 6.469  | 99   | 1041888  | 80.95  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 864136   | 71.15  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.663 | 330  | 493046   | 114.96 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 9.192  | 172  | 1609012  | 66.42  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.951 | 244  | 1979559  | 56.40  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
| 37) 2-Methylnaphthalene     | 8.827  | 142  | 79682    | 3.59   | ng    | 97       |
| 38) 1-Methylnaphthalene     | 8.927  | 142  | 90124    | 4.29   | ng    | 97       |
| -----                       |        |      |          |        |       |          |

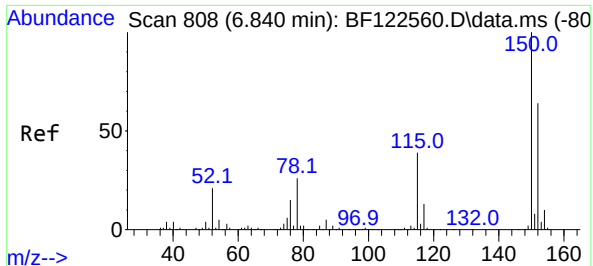
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121420\  
Data File : BF122707.D  
Acq On : 14 Dec 2020 15:49  
Operator : JU/CG  
Sample : L5065-04  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
JBD-WC-S-BOLLARDS-0-6

Quant Time: Dec 14 16:55:54 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 07 12:08:49 2020  
Response via : Initial Calibration

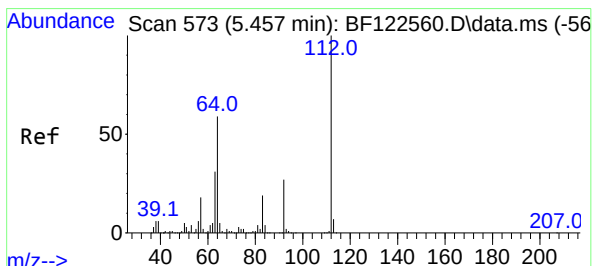
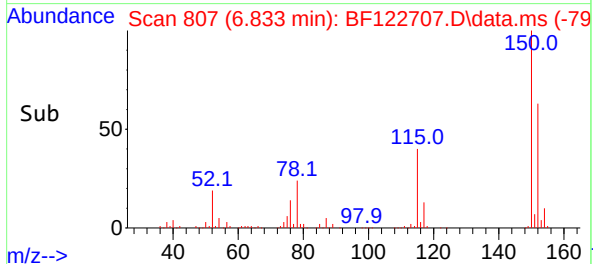
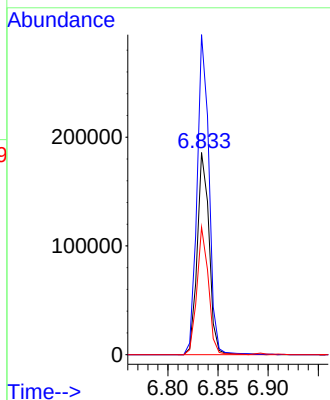
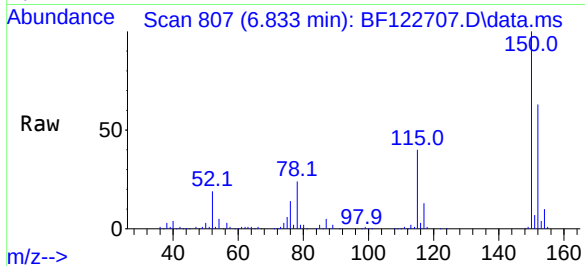




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.833 min Scan# 807  
Delta R.T. -0.007 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

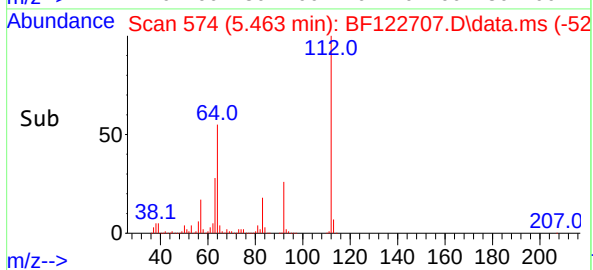
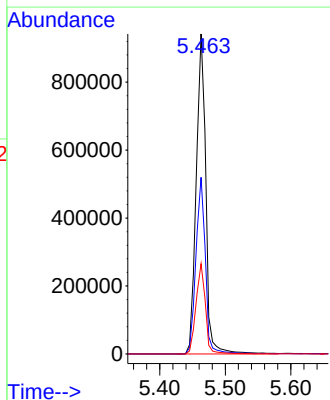
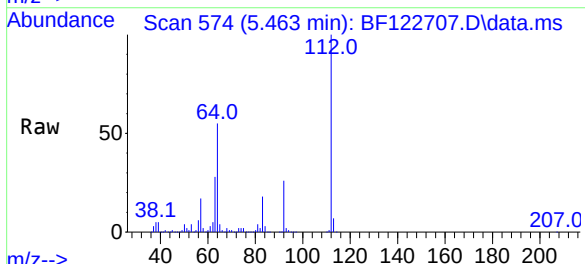
Instrument :  
BNA\_F  
ClientSampleId :  
JBD-WC-S-BOLLARDS-0-6

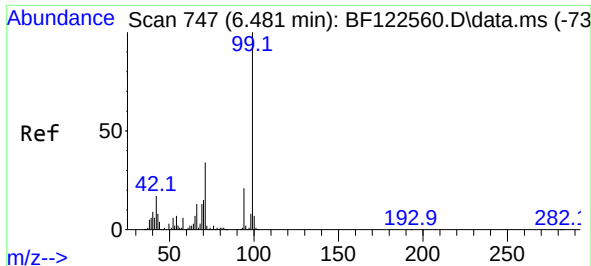
Tgt Ion:152 Resp: 153644  
Ion Ratio Lower Upper  
152 100  
150 158.3 125.8 188.6  
115 63.1 49.3 73.9



#5  
2-Fluorophenol  
Concen: 99.13 ng  
RT: 5.463 min Scan# 574  
Delta R.T. 0.006 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

Tgt Ion:112 Resp: 962013  
Ion Ratio Lower Upper  
112 100  
64 55.2 46.9 70.3  
63 28.2 24.5 36.7



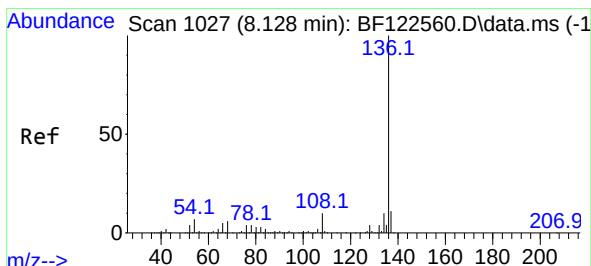
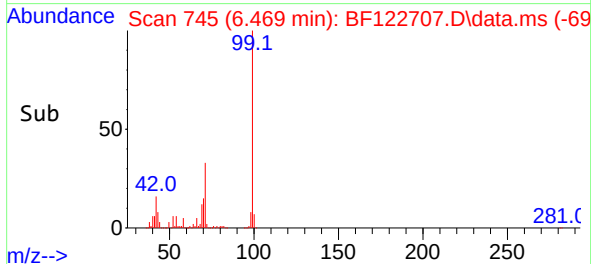
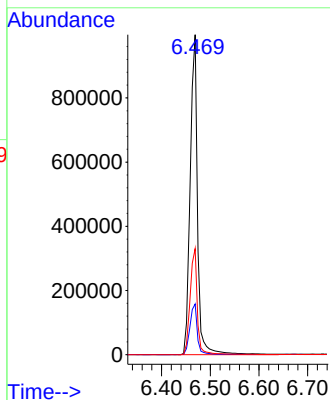
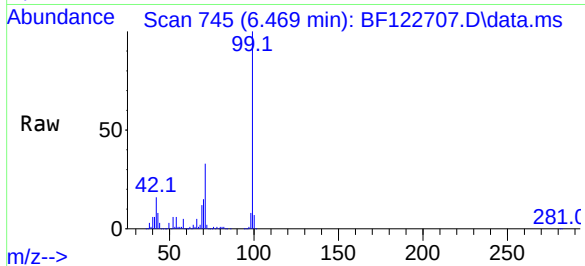


#7  
Phenol-d6  
Concen: 80.95 ng  
RT: 6.469 min Scan# 745  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

Instrument :  
BNA\_F  
ClientSampleId :  
JBD-WC-S-BOLLARDS-0-6

Tgt Ion: 99 Resp: 1041888

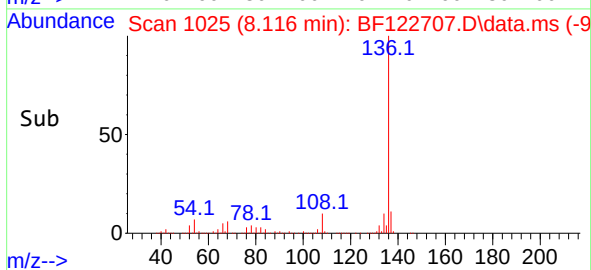
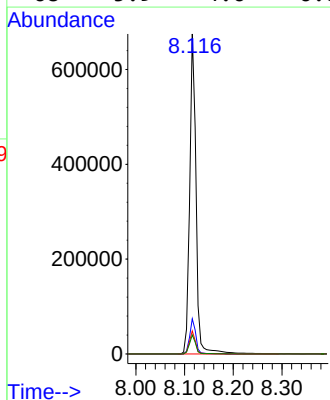
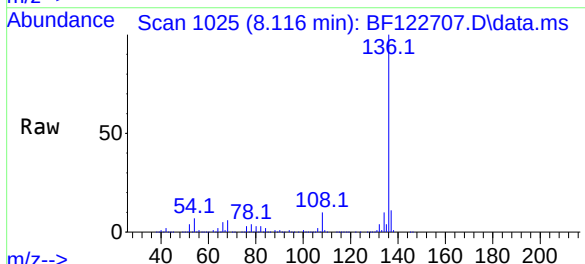
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.8  | 13.8  | 20.6  |
| 71  | 33.2  | 26.9  | 40.3  |

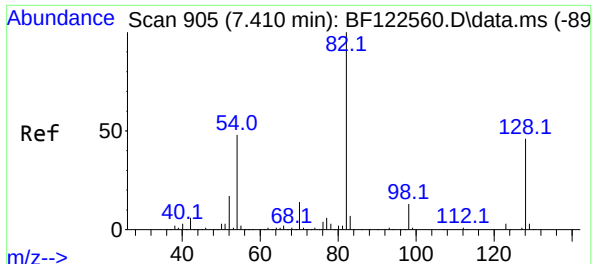


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.116 min Scan# 1025  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

Tgt Ion: 136 Resp: 608461

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.8   | 13.2  |
| 54  | 7.2   | 5.5   | 8.3   |
| 68  | 5.9   | 4.6   | 6.8   |

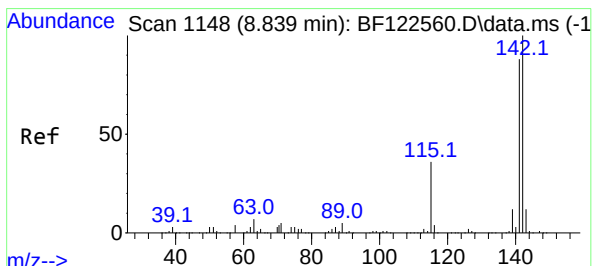
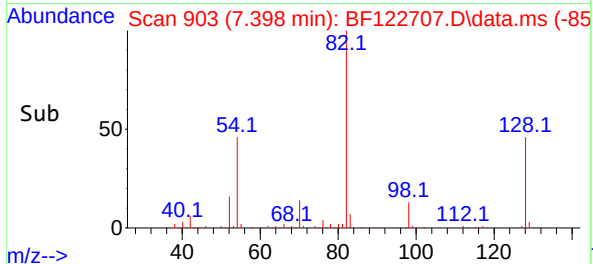
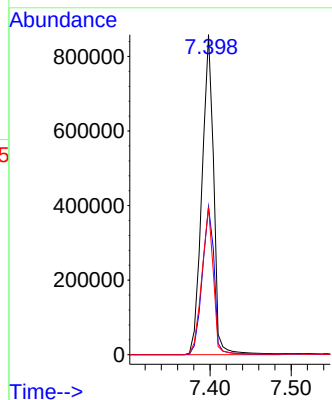
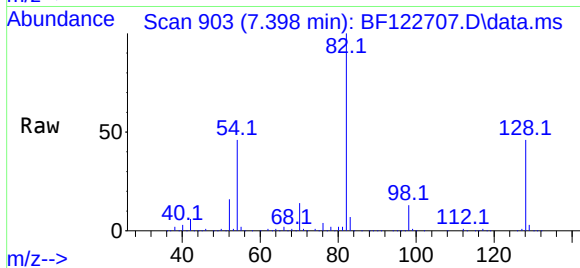




#23  
Nitrobenzene-d5  
Concen: 71.15 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

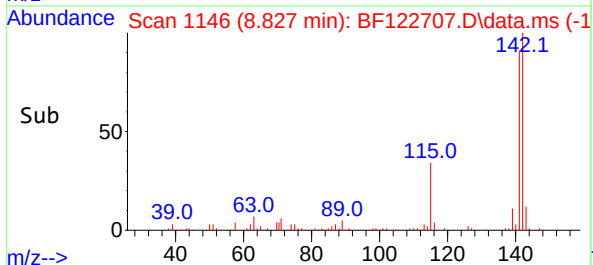
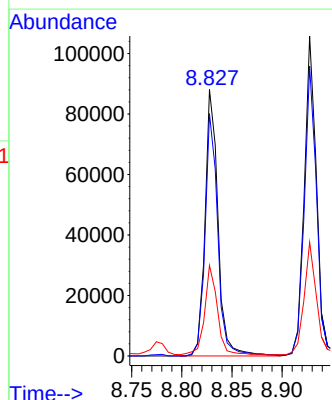
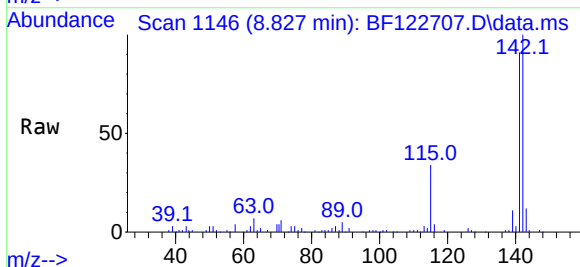
Instrument :  
BNA\_F  
ClientSampleId :  
JBD-WC-S-BOLLARDS-0-6

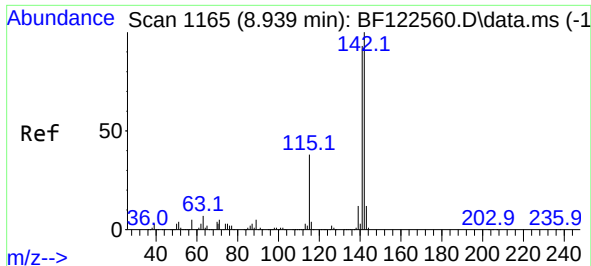
Tgt Ion: 82 Resp: 864136  
Ion Ratio Lower Upper  
82 100  
128 46.3 37.0 55.4  
54 46.2 38.4 57.6



#37  
2-Methylnaphthalene  
Concen: 3.59 ng  
RT: 8.827 min Scan# 1146  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

Tgt Ion: 142 Resp: 79682  
Ion Ratio Lower Upper  
142 100  
141 91.0 70.6 106.0  
115 34.0 28.7 43.1

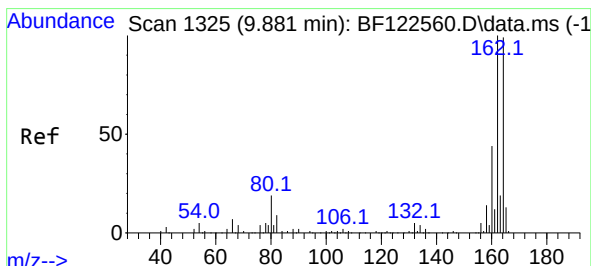
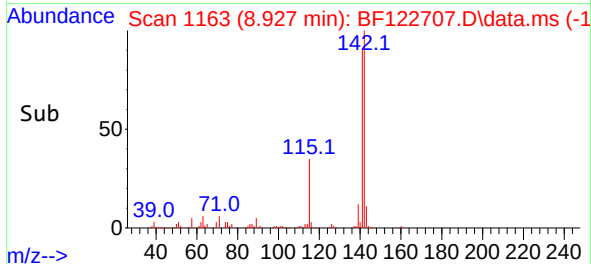
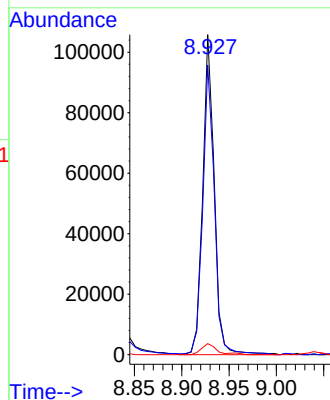
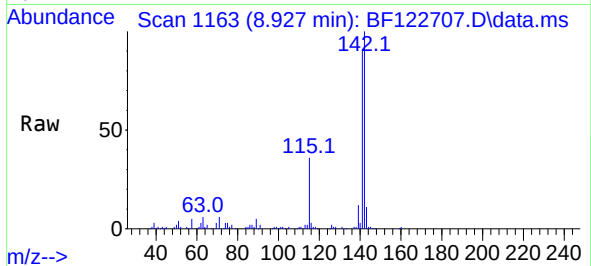




#38  
1-Methylnaphthalene  
Concen: 4.29 ng  
RT: 8.927 min Scan# 1163  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

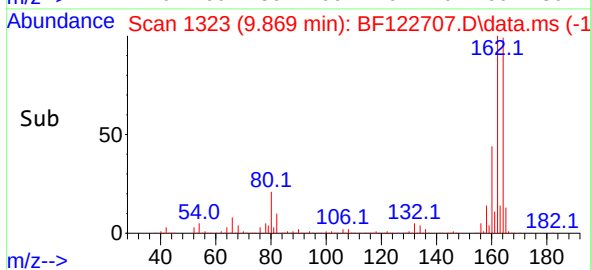
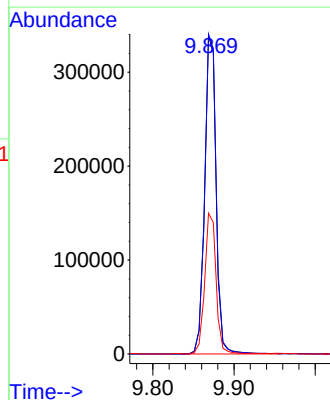
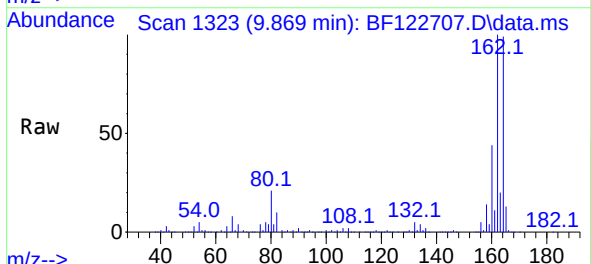
Instrument :  
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JBD-WC-S-BOLLARDS-0-6

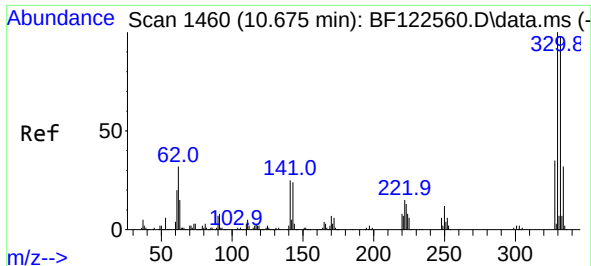
Tgt Ion:142 Resp: 90124  
Ion Ratio Lower Upper  
142 100  
141 90.6 74.5 111.7  
116 3.5 3.2 4.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.869 min Scan# 1323  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

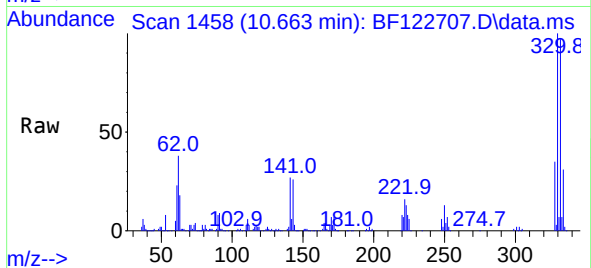
Tgt Ion:164 Resp: 327666  
Ion Ratio Lower Upper  
164 100  
162 100.6 80.8 121.2  
160 44.3 35.4 53.0



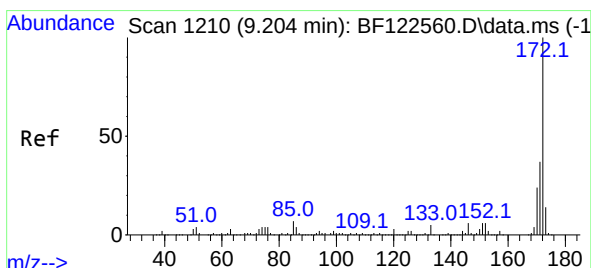
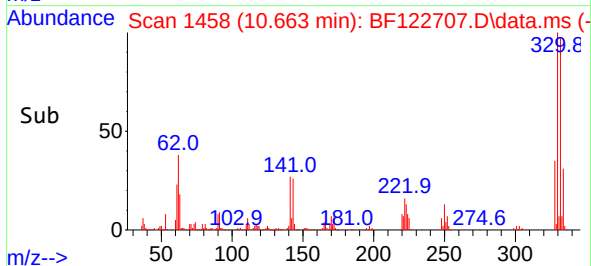
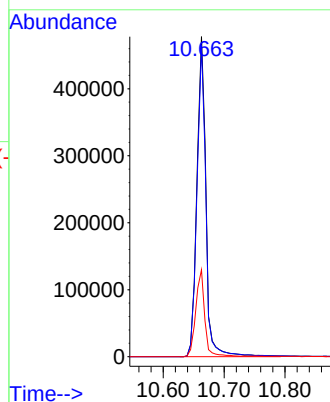


#42  
2,4,6-Tribromophenol  
Concen: 114.96 ng  
RT: 10.663 min Scan# 1458  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

Instrument :  
BNA\_F  
ClientSampleId :  
JBD-WC-S-BOLLARDS-0-6

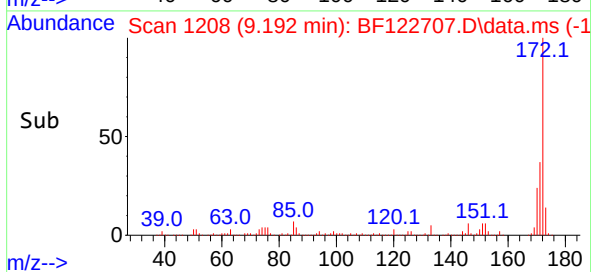
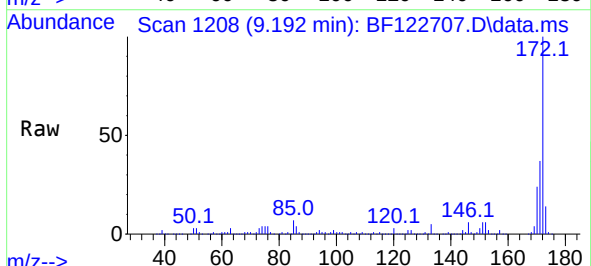
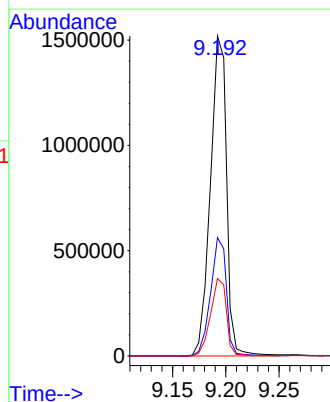


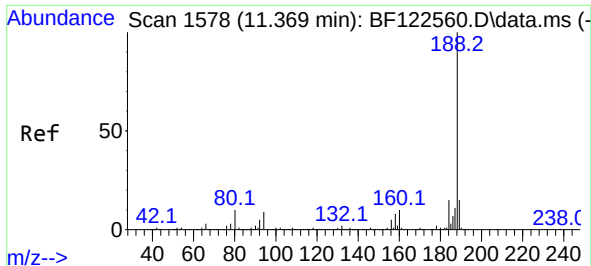
Tgt Ion:330 Resp: 493046  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.5 116.3  
141 27.2 23.8 35.8



#45  
2-Fluorobiphenyl  
Concen: 66.42 ng  
RT: 9.192 min Scan# 1208  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

Tgt Ion:172 Resp: 1609012  
Ion Ratio Lower Upper  
172 100  
171 36.9 29.6 44.4  
170 24.2 19.5 29.3

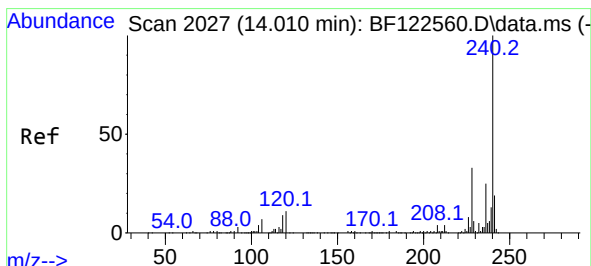
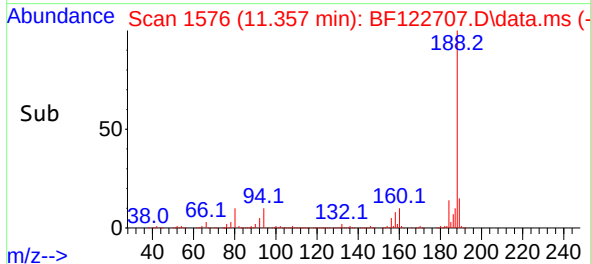
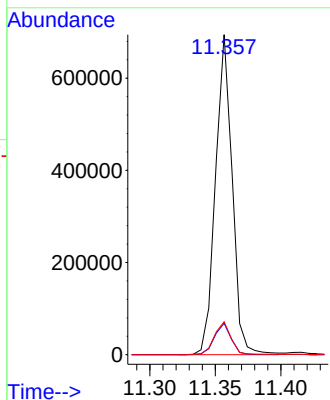
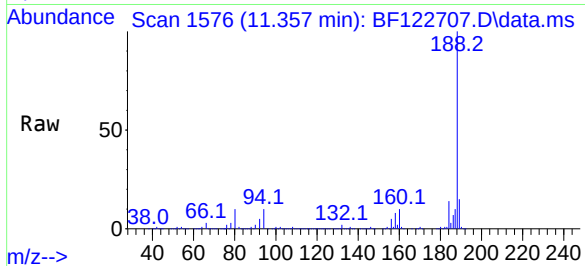




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

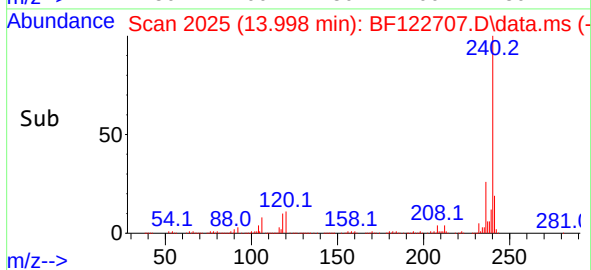
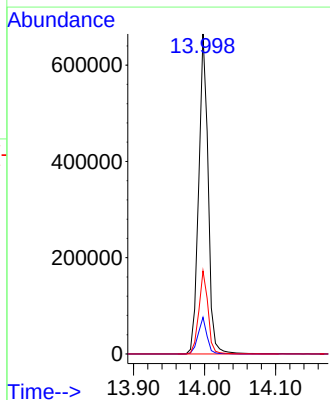
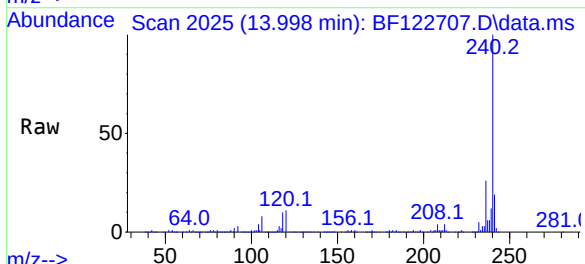
Instrument :  
BNA\_F  
ClientSampleId :  
JBD-WC-S-BOLLARDS-0-6

Tgt Ion:188 Resp: 614522  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.4 11.2  
80 10.3 8.2 12.4

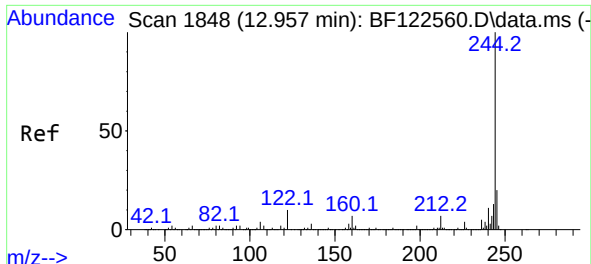


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.998 min Scan# 2025  
Delta R.T. -0.012 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

Tgt Ion:240 Resp: 614370  
Ion Ratio Lower Upper  
240 100  
120 11.5 8.6 12.8  
236 25.9 20.3 30.5

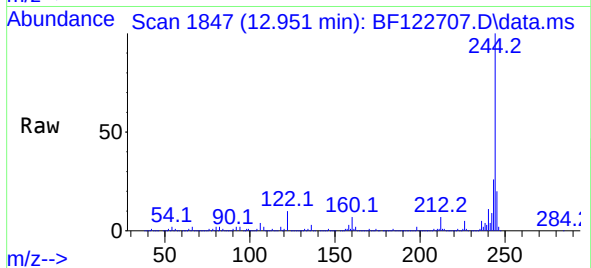




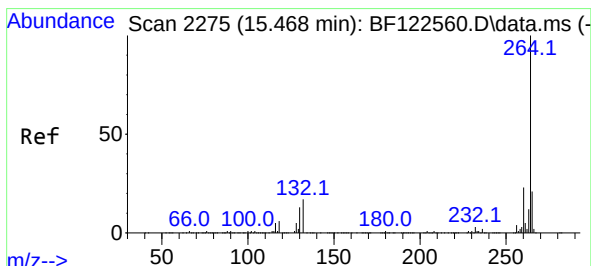
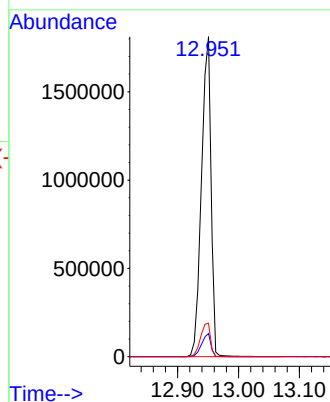
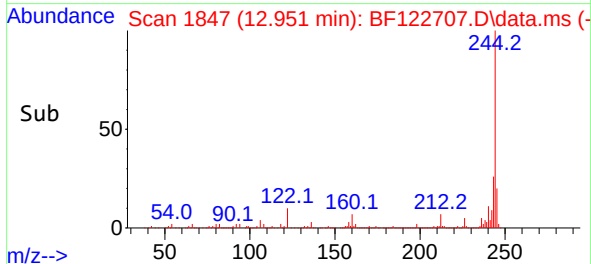


#79  
Terphenyl-d14  
Concen: 56.40 ng  
RT: 12.951 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49

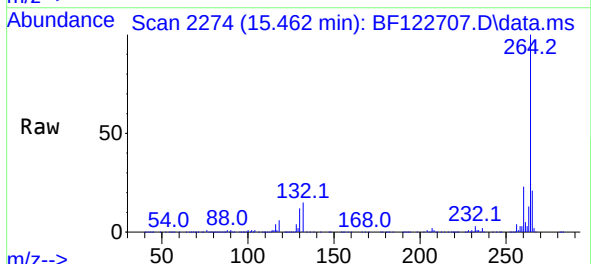
Instrument :  
BNA\_F  
ClientSampleId :  
JBD-WC-S-BOLLARDS-0-6



Tgt Ion:244 Resp: 1979559  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.7 8.5  
122 10.4 8.3 12.5



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.462 min Scan# 2274  
Delta R.T. -0.006 min  
Lab File: BF122707.D  
Acq: 14 Dec 2020 15:49



Tgt Ion:264 Resp: 595112  
Ion Ratio Lower Upper  
264 100  
260 22.8 18.6 28.0  
265 21.3 17.0 25.6

