

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121120\  
 Data File : BF122665.D  
 Acq On : 11 Dec 2020 16:09  
 Operator : JU/CG  
 Sample : L5014-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 351

Quant Time: Dec 11 16:48:46 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

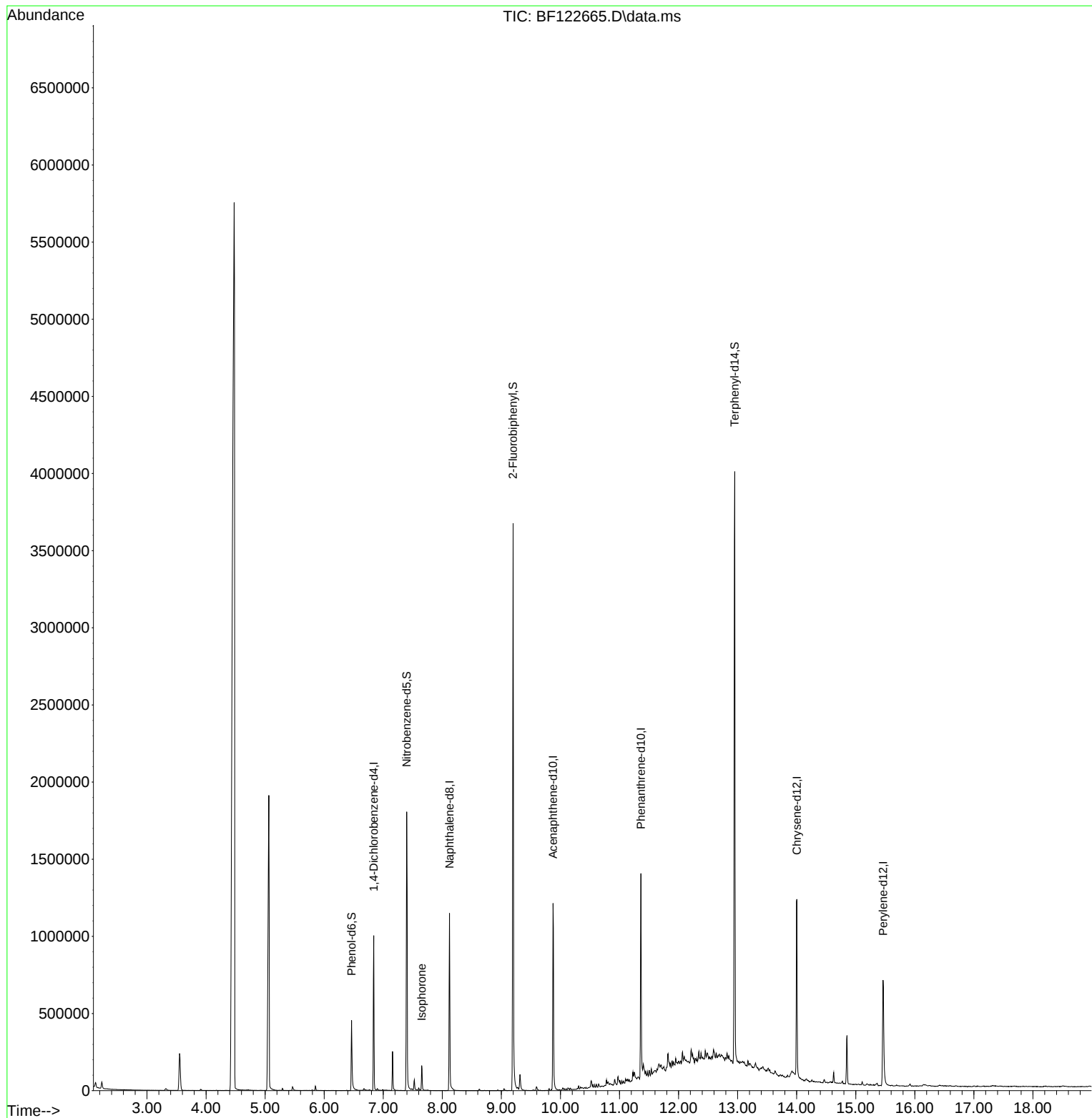
| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|-------|-------|--------------|
| -----                       |        |      |          |       |       |              |
| Internal Standards          |        |      |          |       |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 6.839  | 152  | 141834   | 20.00 | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.122  | 136  | 550877   | 20.00 | ng    | 0.00         |
| 39) Acenaphthene-d10        | 9.874  | 164  | 285586   | 20.00 | ng    | 0.00         |
| 64) Phenanthrene-d10        | 11.363 | 188  | 532371   | 20.00 | ng    | 0.00         |
| 76) Chrysene-d12            | 14.004 | 240  | 457655   | 20.00 | ng    | 0.00         |
| 86) Perylene-d12            | 15.462 | 264  | 403571   | 20.00 | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.463  | 112  | 12013    | 1.34  | ng    | 0.00         |
| 7) Phenol-d6                | 6.463  | 99   | 186535   | 15.70 | ng    | -0.02        |
| 23) Nitrobenzene-d5         | 7.398  | 82   | 611254   | 55.59 | ng    | -0.01        |
| 42) 2,4,6-Tribromophenol    | 0.000  | 330  | 0        | 0.00  | ng    |              |
| 45) 2-Fluorobiphenyl        | 9.198  | 172  | 1211205  | 57.36 | ng    | 0.00         |
| 79) Terphenyl-d14           | 12.951 | 244  | 1310898  | 50.14 | ng    | 0.00         |
| Target Compounds            |        |      |          |       |       |              |
| 25) Isophorone              | 7.651  | 82   | 69944    | 3.69  | ng    | Qvalue<br>99 |
| -----                       |        |      |          |       |       |              |

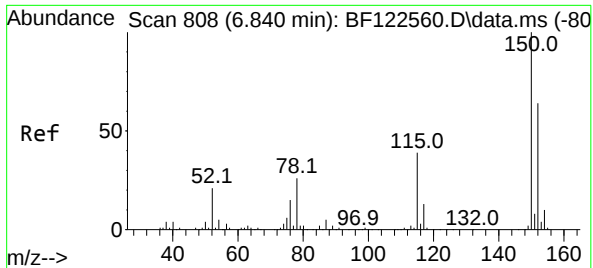
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121120\  
Data File : BF122665.D  
Acq On : 11 Dec 2020 16:09  
Operator : JU/CG  
Sample : L5014-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Time: Dec 11 16:48:46 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

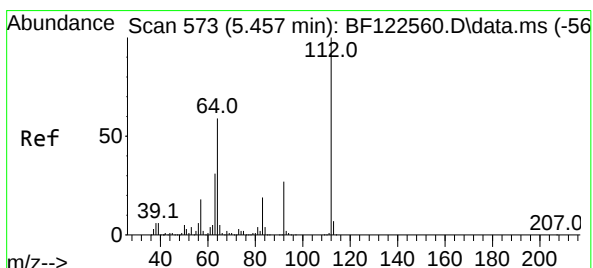
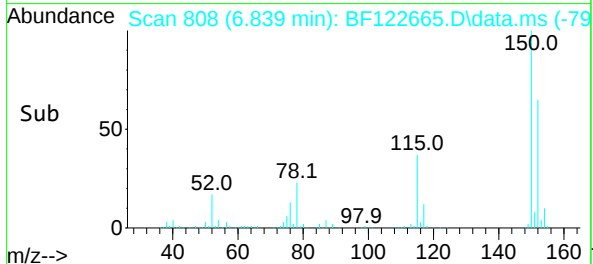
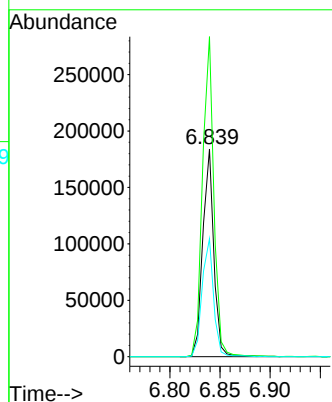
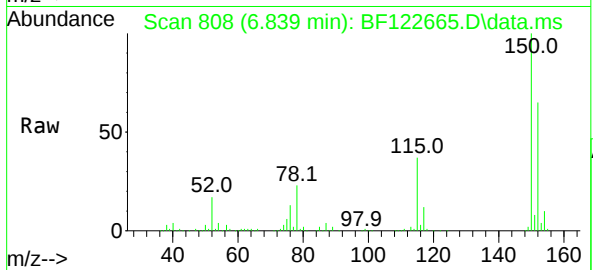




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.839 min Scan# 808  
Delta R.T. -0.001 min  
Lab File: BF122665.D  
Acq: 11 Dec 2020 16:09

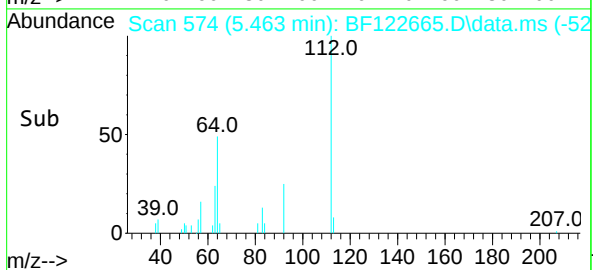
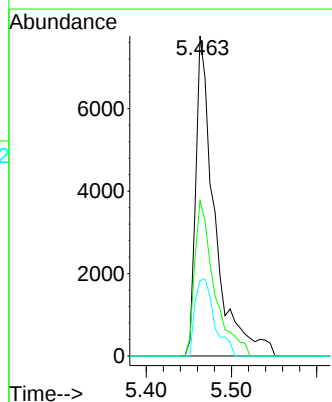
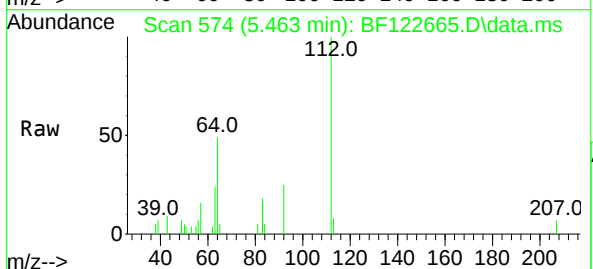
Instrument :  
BNA\_F  
ClientSampleId :  
351

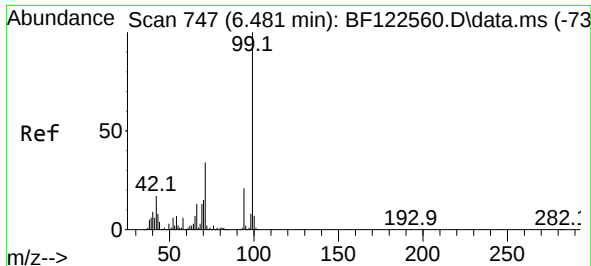
Tgt Ion:152 Resp: 141834  
Ion Ratio Lower Upper  
152 100  
150 154.1 125.8 188.6  
115 56.8 49.3 73.9



#5  
2-Fluorophenol  
Concen: 1.34 ng  
RT: 5.463 min Scan# 574  
Delta R.T. 0.006 min  
Lab File: BF122665.D  
Acq: 11 Dec 2020 16:09

Tgt Ion:112 Resp: 12013  
Ion Ratio Lower Upper  
112 100  
64 48.5 46.9 70.3  
63 23.5 24.5 36.7#

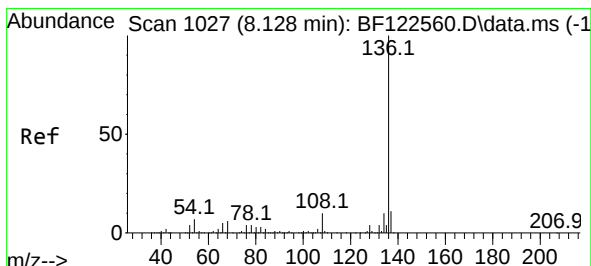
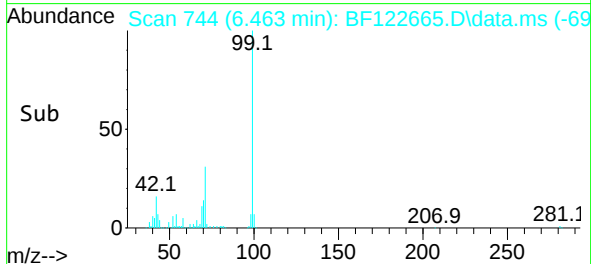
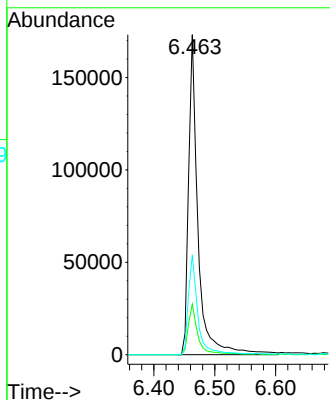
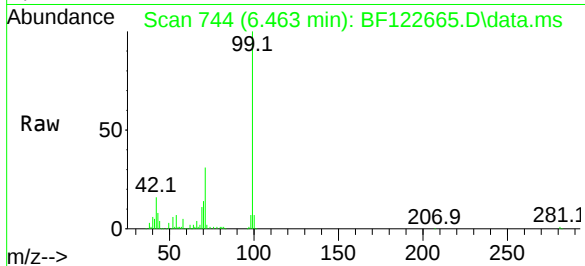




#7  
Phenol-d6  
Concen: 15.70 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.018 min  
Lab File: BF122665.D  
Acq: 11 Dec 2020 16:09

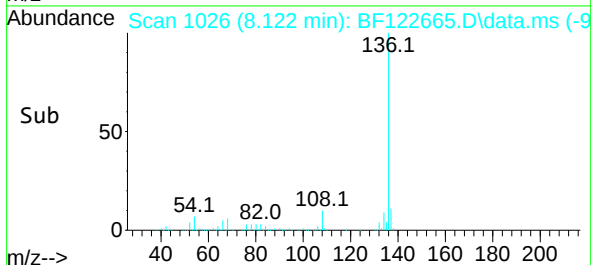
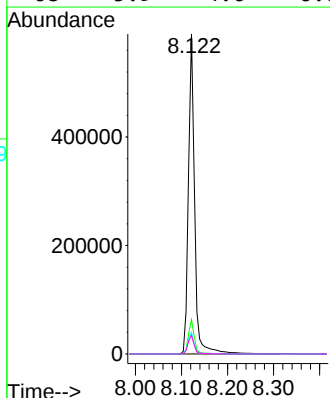
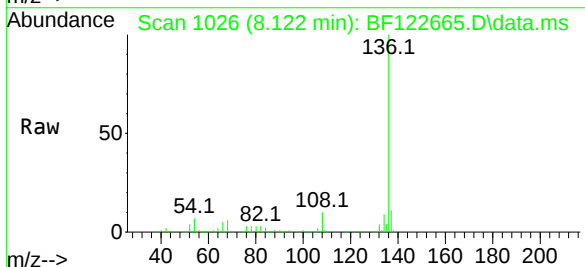
Instrument :  
BNA\_F  
ClientSampleId :  
351

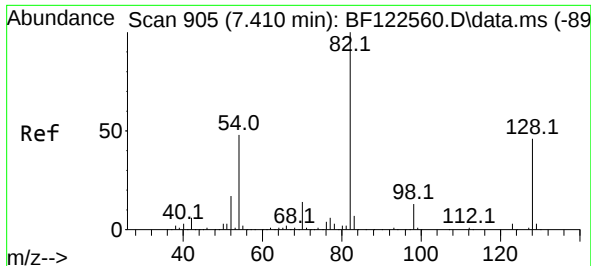
Tgt Ion: 99 Resp: 186535  
Ion Ratio Lower Upper  
99 100  
42 15.8 13.8 20.6  
71 31.2 26.9 40.3



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF122665.D  
Acq: 11 Dec 2020 16:09

Tgt Ion: 136 Resp: 550877  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.8 13.2  
54 6.8 5.5 8.3  
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 55.59 ng

RT: 7.398 min Scan# 903

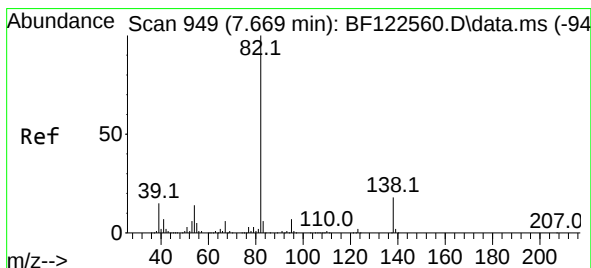
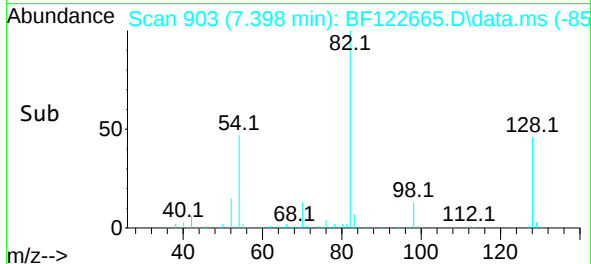
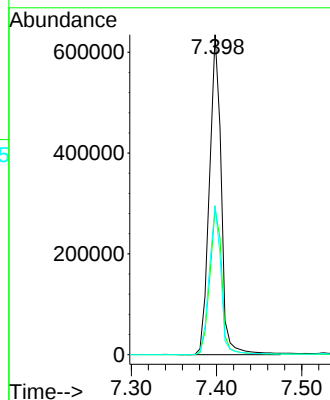
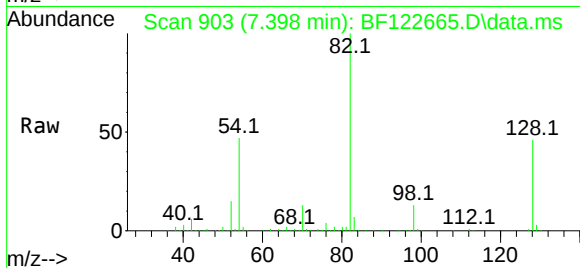
Delta R.T. -0.012 min

Lab File: BF122665.D

Acq: 11 Dec 2020 16:09

Tgt Ion: 82 Resp: 611254

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.6  | 37.0  | 55.4  |
| 54  | 46.5  | 38.4  | 57.6  |



#25

Isophorone

Concen: 3.69 ng

RT: 7.651 min Scan# 946

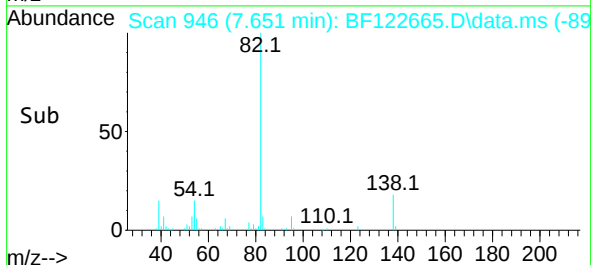
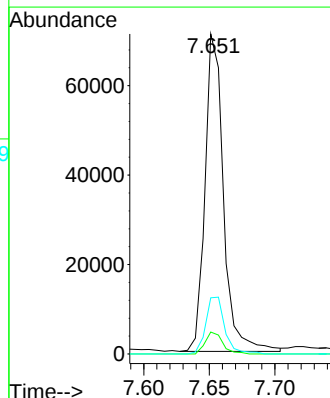
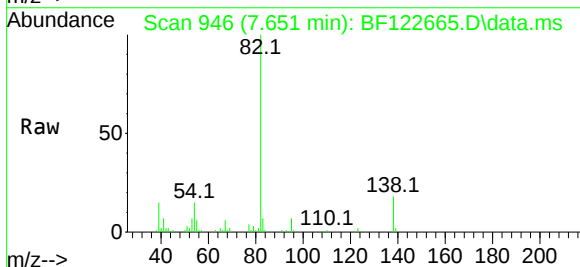
Delta R.T. -0.018 min

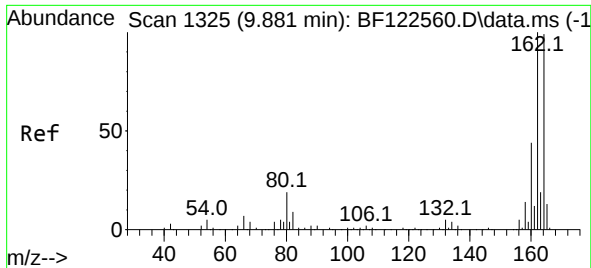
Lab File: BF122665.D

Acq: 11 Dec 2020 16:09

Tgt Ion: 82 Resp: 69944

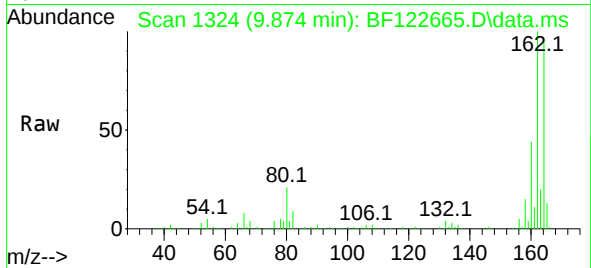
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 6.8   | 5.8   | 8.6   |
| 138 | 17.5  | 14.6  | 21.8  |



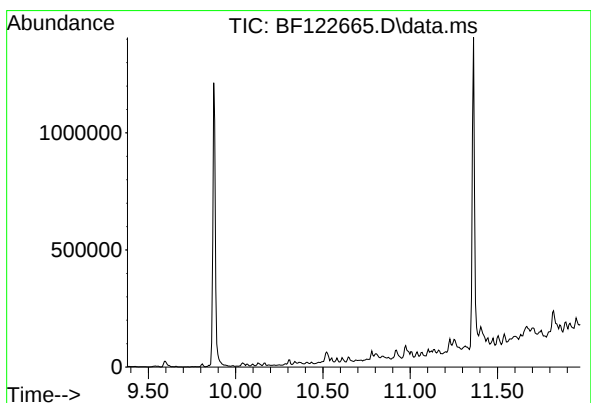
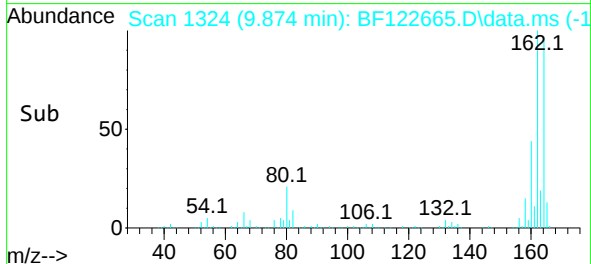
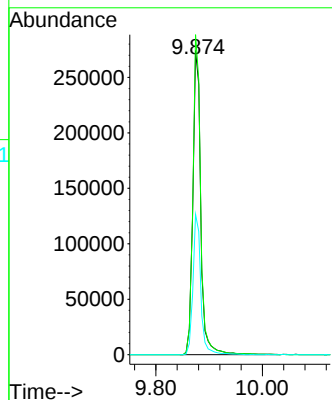


#39  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.874 min Scan# 1324  
 Delta R.T. -0.007 min  
 Lab File: BF122665.D  
 Acq: 11 Dec 2020 16:09

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 351



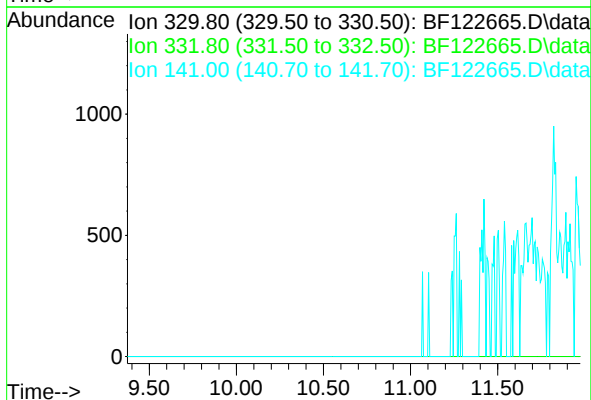
Tgt Ion:164 Resp: 285586  
 Ion Ratio Lower Upper  
 164 100  
 162 105.3 80.8 121.2  
 160 46.2 35.4 53.0

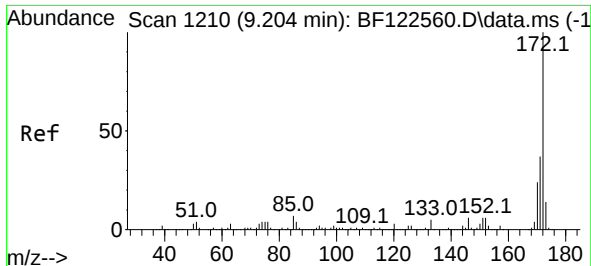


#42  
 2,4,6-Tribromophenol  
 Concen: 0.00 ng  
 Expected RT: 10.67 min

Lab File: BF122665.D  
 Acq: 11 Dec 2020 16:09

Tgt Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.9  
 141 29.8

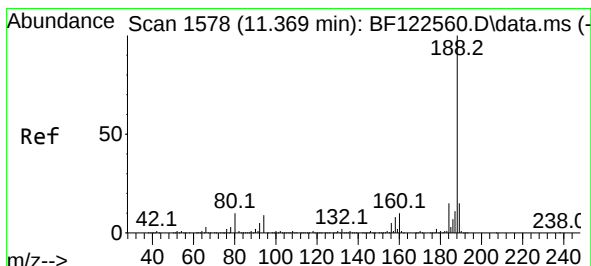
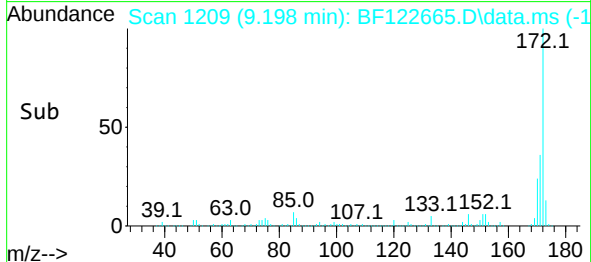
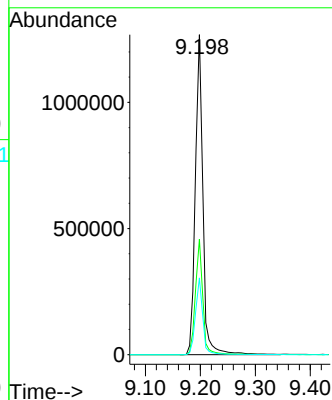
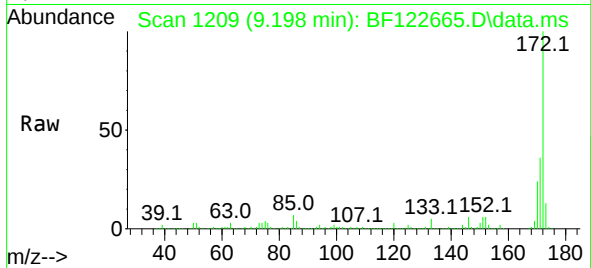




#45  
2-Fluorobiphenyl  
Concen: 57.36 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF122665.D  
Acq: 11 Dec 2020 16:09

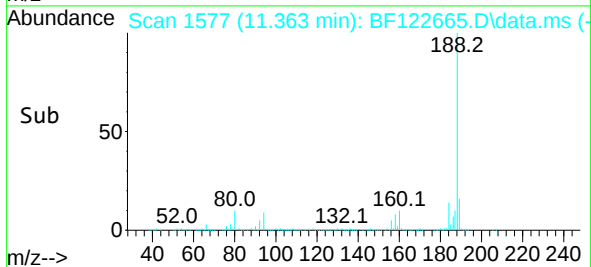
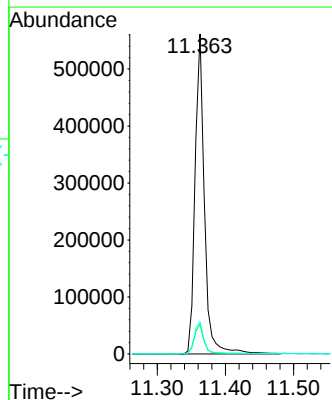
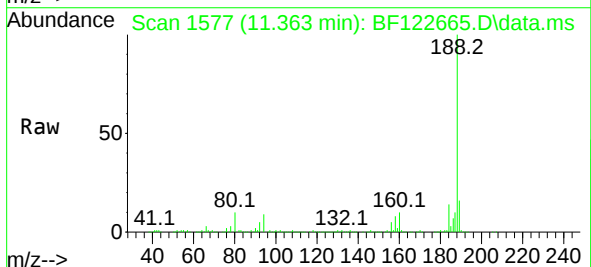
Instrument :  
BNA\_F  
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351

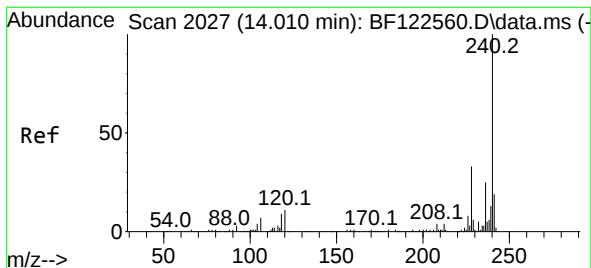
Tgt Ion:172 Resp: 1211205  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 24.0 19.5 29.3



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BF122665.D  
Acq: 11 Dec 2020 16:09

Tgt Ion:188 Resp: 532371  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.4 11.2  
80 10.0 8.2 12.4

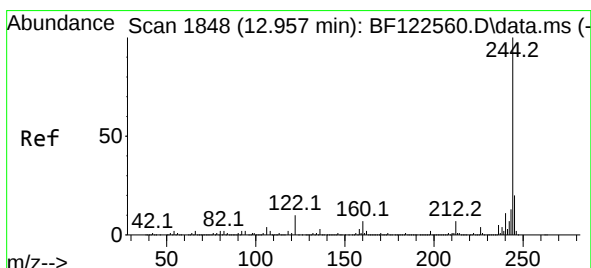
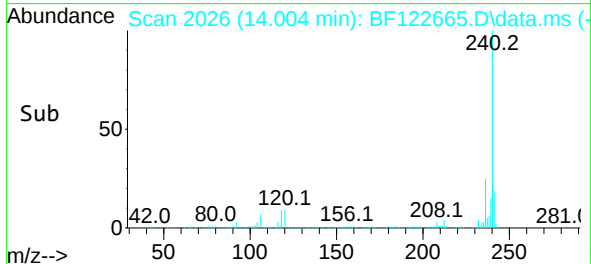
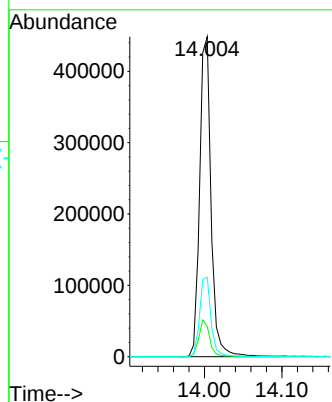
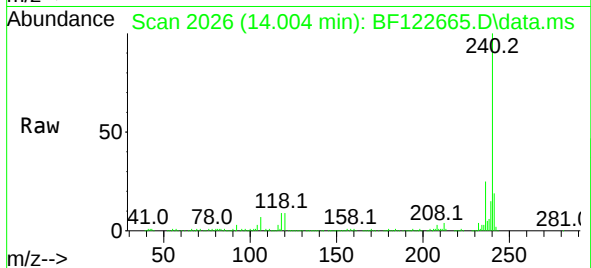




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BF122665.D  
Acq: 11 Dec 2020 16:09

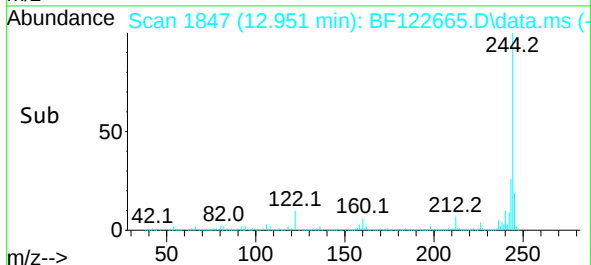
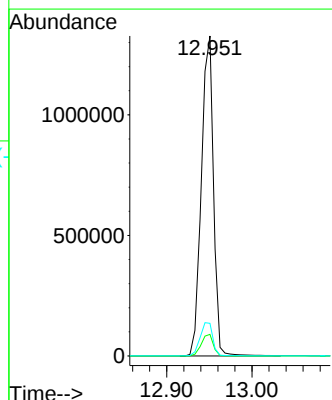
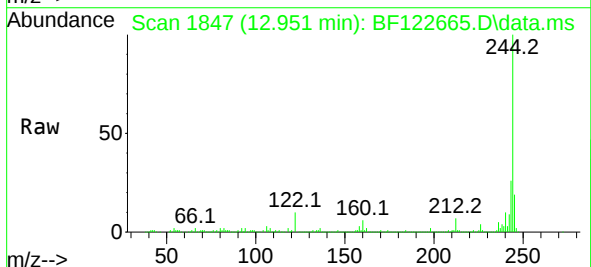
Instrument :  
BNA\_F  
ClientSampleId :  
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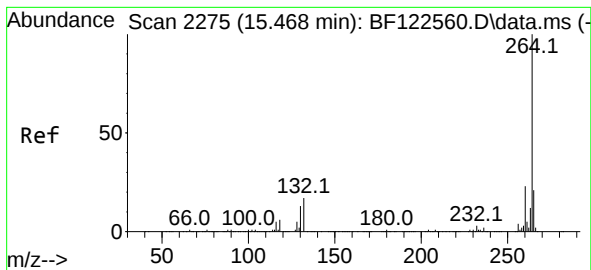
Tgt Ion:240 Resp: 457655  
Ion Ratio Lower Upper  
240 100  
120 9.5 8.6 12.8  
236 24.9 20.3 30.5



#79  
Terphenyl-d14  
Concen: 50.14 ng  
RT: 12.951 min Scan# 1847  
Delta R.T. -0.006 min  
Lab File: BF122665.D  
Acq: 11 Dec 2020 16:09

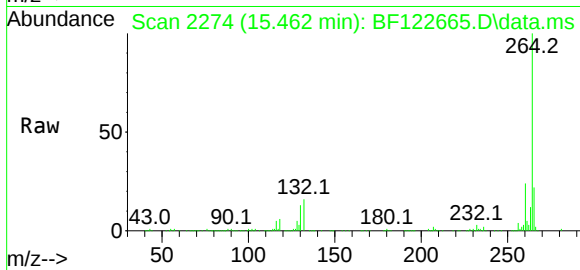
Tgt Ion:244 Resp: 1310898  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.7 8.5  
122 10.2 8.3 12.5





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.462 min Scan# 2274  
 Delta R.T. -0.006 min  
 Lab File: BF122665.D  
 Acq: 11 Dec 2020 16:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 351



Tgt Ion:264 Resp: 403571  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.6 28.0  
 265 21.9 17.0 25.6

